DATE 11/08/2005

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT 000023832

APPLICANT JOHN NORRIS PHONE 758-3663

ADDRESS 351 NW CORWIN GLN LAKE CITY FL 32055

OWNER IMAGE DEVELOPMENT GROUP PHONE

ADDRESS 237 SW THISLWOOD LANE FORT WHITE FL 32038

CONTRACTOR JOHN NORRIS PHONE 758-3663

LOCATION OF PROPERTY 47 S, L 27, L CR 18, L SW GREENWWOD TERR, 4TH LOT ON RIGHT

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 80900.00

HEATED FLOOR AREA 1618.00 TOTAL AREA 2422.00 HEIGHT 17.00 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 FW DEVELOPMENT PERMIT NO.

PARCEL ID 34-6S-16-04056-117 SUBDIVISION THORNWOOD

LOT 17 BLOCK PHASE UNIT TOTAL ACRES 1.00

		RG006597		
Culvert Permit No.	Culvert Waiver	Contractor's License Number		Applicant/Owner/Contractor
FORT WHITE	05-1100-N	BK	JH	N
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

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

Check # or Cash 3523

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power date/app. by Foundation date/app. by Monolithic date/app. by

Under slab rough-in plumbing date/app. by Slab date/app. by Sheathing/Nailing date/app. by

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

Electrical rough-in date/app. by Heat & Air Duct date/app. by Peri. beam (Lintel) date/app. by

Permanent power date/app. by C.O. Final date/app. by Culvert date/app. by

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

Reconnection date/app. by Pump pole date/app. by Utility Pole date/app. by

M/H Pole date/app. by Travel Trailer date/app. by Re-roof date/app. by

BUILDING PERMIT FEE $ 405.00 CERTIFICATION FEE $ 12.11 SURCHARGE FEE $ 12.11

MISC. FEES $ .00 ZONING CERT. FEE $ FIRE FEE $ .00 WASTE FEE $

FLOOD DEVELOPMENT FEE $ FLOOD ZONE FEE $ CULVERT FEE $ **TOTAL FEE** 429.22

INSPECTORS OFFICE L. Johnson 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 INCONVIENCE, 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.

Prepared By: JOYCE KIRPACH
TITLE OFFICES, LLC
1089 SW MAIN BLVD.
LAKE CITY, FLORIDA 32025
Incidental to the issuance of a title insurance policy
File Number: **05Y-02127BJK**
Permit Number .....:
Tax Folio Number .: 04056-000

Inst:2005028934 Date:11/18/2005 Time:16:37
DC,P.DeWitt Cason,Columbia County B:1065 P:1952

23832

NOTICE OF TERMINATION

STATE OF FLORIDA
COUNTY OF COLUMBIA

The undersigned hereby gives Notice of Termination of the Notice of Commencement recorded on October 25, 2005 in Official Records Book 1063 Page 279 of the public records of Columbia County, FLORIDA.

1. Description of property:

   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.

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):

STATE OF FLORIDA, COUNTY OF COLUMBIA
I HEREBY CERTIFY, that the above and foregoing is a true copy of the original filed in this office.
P. DEWITT CASON, CLERK OF COURTS
By: G. Harden Deputy Clerk
Date: 11/18/05

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: _____

THIS INSTRUMENT PREPARED BY
AND RETURN TO:
IMAGE DEVELOPMENT GROUP, LLC
POST OFFICE BOX 305, NEWBERRY, FL 32669

Inst:2005028936 Date:11/18/2005 Time:16:37
____B____DC,P.DeWitt Cason,Columbia County B:1065 P:1954

Parcel I.D. #: ***04056-000***

23832

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 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.

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):

STATE OF FLORIDA, COUNTY OF COLUMBIA
I HEREBY CERTIFY that the above and foregoing is a true copy of the original filed in this office.
P. DeWITT CASON, CLERK OF COURTS
CLERK CIRCUIT COURT COLUMBIA COUNTY, FLORIDA
By: G. Harden Deputy Clerk
Date: 11/18/05

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

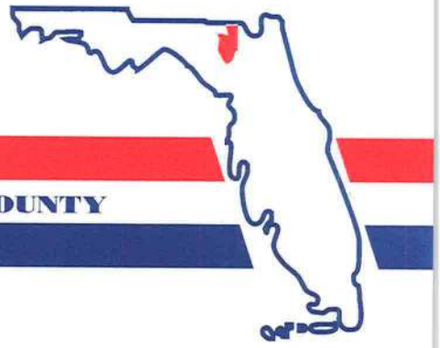
_____{SEAL}

By: _____{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 Drivers license as identification.

_____
Notary Public
My Commission Expires: _____

NOTARY PUBLIC STATE OF FLORIDA
JOYCE KIRPACH
MY COMMISSION # DD 310594
EXPIRES: April 20, 2008
Bonded Thru Budget Notary Services



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
Mary Sue George
Image Development Group
Outgoing Correspondence

BOARD OF COUNTY COMMISSIONERS • COLUMBIA COUNTY

May 1, 2006

Memorandum

TO: Ronald Williams, Chairman Board of County Commissioners

FR: Laurie Hodson, ~~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

RECEIVED
MAY 0 2 2006
Board of County Commissioners
Columbia County

/lh: 4 attachments

CERTIFICATE OF

OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 34-6S-16-04056-117 **Building permit No.** 000023832

Use Classification SFD,UTILITY **Fire:** 41.44

Permit Holder JOHN NORRIS **Waste:** 85.75

Owner of Building IMAGE DEVELOPMENT GROUP **Total:** 127.19

Location: 237 SW THISLWOOD LANE(THORNWOOD,LOT 17)

Date: 03/02/2006

COLUMBIA COUNTY · GATEWAY TO FLORIDA ·

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

0510-73 10/25/05 JW 05-1180-N OK JTH 11-8-05

23832

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 Phone _____

911 Address 237 SW Thistlewood Lane Ft. White 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 N-A

Architect/Engineer Name & Address ~~N/A~~ IMAGE DEV, LLC, MARTY EKROOT

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 34-65-16-04056-117 Estimated Cost of Construction 130,000.00

Subdivision Name Thornwood Lot 17 Block ____ Unit ____ Phase ____

Driving Directions Take SR47 to Fort White turn Left on SR24 go 1/4 mile Turn left on CR 18 go 1/2 mile turn Left on SW Greenwood Terr go to Lot 17

Type of Construction New Home SFD Number of Existing Dwellings on Property _____

Total Acreage 1 Lot Size 1Ac. Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Driv

Actual Distance of Structure from Property Lines - Front 50 Side 64 Side 64 Rear 176

Total Building Height 17 Number of Stories 1 Heated Floor Area 1618 Roof Pitch 6/12

Porches 298 Garage 506 Total 2422

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 COMMENCMENT 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 20 05.

Personally known ✓ or Produced Identification ____

Contractor Signature

Contractors License Number RG 006597

Competency Card Number _____

NOTARY STAMP/SEAL

Laurie Hodson

Notary Signature

LAURIE HODSON
MY COMMISSION # DD 333503
EXPIRES: June 28, 2008
Bonded Thru Notary Public Underwriters

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. CR 1491 Alachua, FL 32615

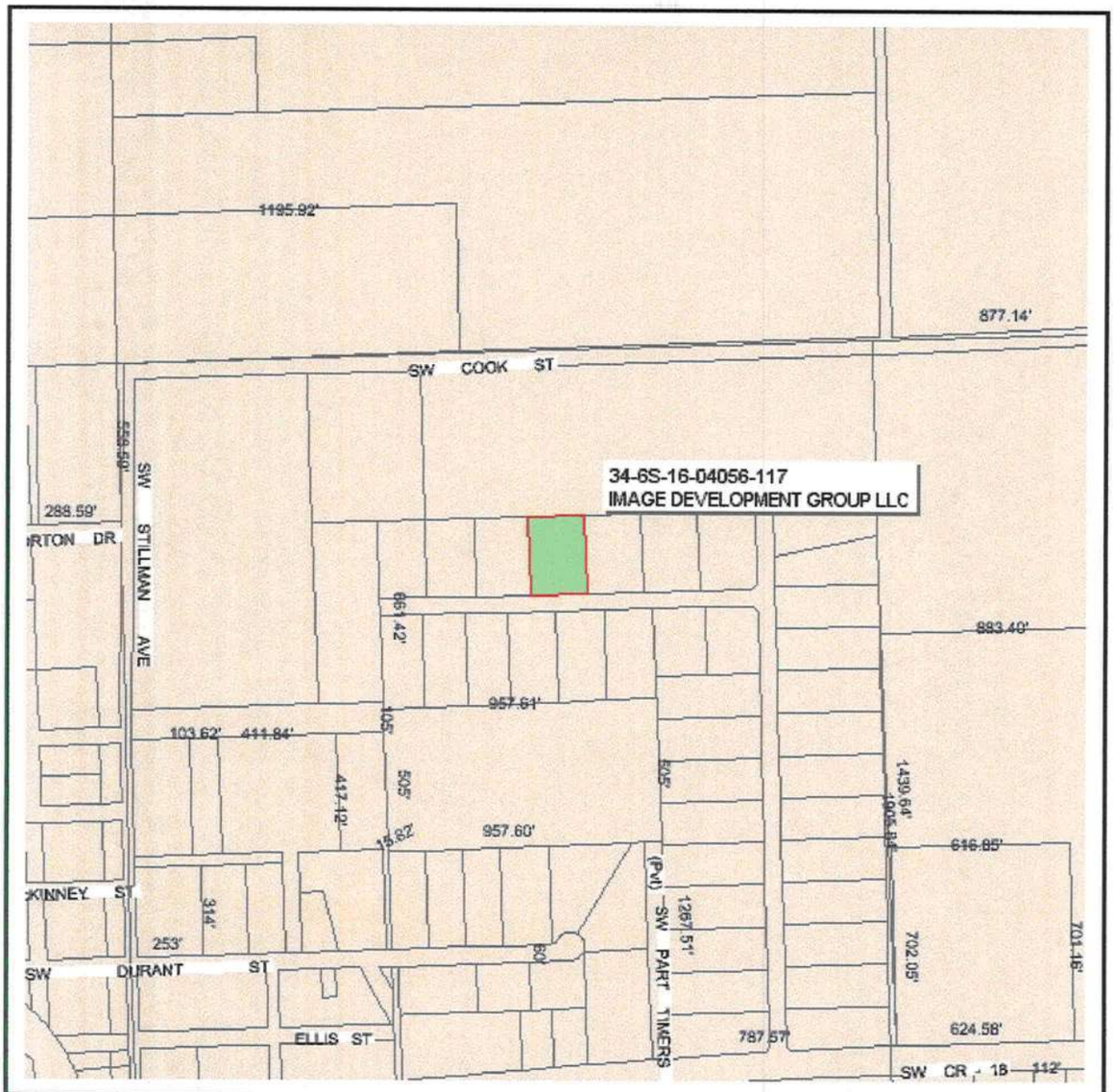
PROPERTY DESCRIPTION: 34-6S-16-04056-117
(parcel number if possible) 237 SW Thistlewood Lane, Fort White, FL 32038

DEVELOPMENT: Single Family Dwelling

You are hereby authorized to issue the appropriate building permits.

10/24/05
DATE

Janis S. Rewels (KA)
LAND DEVELOPMENT REGULATION ADMINISTRATOR
TOWN OF FORT WHITE



Columbia County Property Appraiser

J. Doyle Crews, CFA - Lake City, Florida - 386-758-1083

PARCEL: 34-6S-16-04056-117 - VACANT (000000)

LOT 17 THORNWOOD S/D WD 1030-2804

Name:	IMAGE DEVELOPMENT GROUP LLC	LandVal	$18,500.00
Site:		BldgVal	$0.00
Mail:	20074 NW 258TH DR HIGH SPRINGS, FL 32643	ApprVal	$18,500.00
		JustVal	$18,500.00
Sales Info		Assd	$18,500.00
		Exmpt	$0.00
		Taxable	$18,500.00

0 240 480 720 ft

N W E S

This information, GIS Map Updated: 8/3/2005, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

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
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:

GLENN FARMS, INC.

By: _____ *L.S.*
Name: ***JUDY GLENN***
Title: ~~***PRESIDENT***~~

_____
Witness Signature
Martha Bryan
Printed Name

_____
Witness Signature
Regina Simpkins
Printed Name

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* _____ *as identification.*

_____
Notary Public
My commission expires _____

Martha Bryan
DD232534 EXPIRES
August 19, 2007

FORM 600A-2004 EnergyGauge® 4.0

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**LOT17**	Builder:	**IMAGE DEV. GRP**
Address:		Permitting Office:	Columbia Co.
City, State:	,	Permit Number:	23832
Owner:		Jurisdiction Number:	221000
Climate Zone:	**North**		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 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		
6. Conditioned floor area (ft²)	1618 ft²	c. N/A	
7. Glass type [1] and area: (Label reqd. by 13-104.4.5 if not default)			
a. U-factor:	Description Area	13. Heating systems	
(or Single or Double DEFAULT) 7a.	(Dble Default) 135.0 ft²	a. Electric Heat Pump	Cap: 34.0 kBtu/hr
b. SHGC:			HSPF: 7.00
(or Clear or Tint DEFAULT) 7b.	(Clear) 135.0 ft²	b. N/A	
8. Floor types			
a. Slab-On-Grade Edge Insulation	R=4.0, 176.0(p) ft	c. N/A	
b. N/A			
c. N/A		14. Hot water systems	
9. Wall types		a. Electric Resistance	Cap: 50.0 gallons
a. Frame, Wood, Exterior	R=13.0, 1223.0 ft²		EF: 0.92
b. Frame, Wood, Adjacent	R=13.0, 180.0 ft²	b. N/A	
c. N/A			
d. N/A		c. Conservation credits	
e. N/A		(HR-Heat recovery, Solar DHP-Dedicated heat pump)	
10. Ceiling types		15. HVAC credits	
a. Under Attic	R=30.0, 1618.0 ft²	(CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 144.0 ft		
b. N/A			

Glass/Floor Area: 0.08	Total as-built points: 23428 Total base points: 25275	PASS

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

PREPARED BY: Suncoast Insulations

DATE: 8/23/5

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

OWNER/AGENT: _____

DATE: _____

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

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

BUILDING OFFICIAL: _____

DATE: _____

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

FORM 600A-2004 EnergyGauge® 4.0

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.	

FORM 600A-2004 EnergyGauge® 4.0

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 Ratio	X Multiplier	X Credit Multiplier	= Total	
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
8985	**8384**	**7905**	**25275**	**8357**	**7167**	**7905**	**23428**

PASS

FORM 600A-2004

EnergyGauge® 4.0

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned Floor Area	X BWPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF	= Points
.18	1618.0	12.74	3710.4	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	1223.0	3.40		4158.2
Exterior	1223.0	3.70	4525.1	Frame, Wood, Adjacent			13.0	180.0	3.30		594.0
Base Total:	**1403.0**		**5173.1**	**As-Built Total:**				**1403.0**			**4752.2**
DOOR TYPES	Area X	BWPM	= Points	Type				Area X	WPM		= Points
Adjacent	18.0	11.50	207.0	Exterior Insulated				28.0	8.40		235.2
Exterior	28.0	12.30	344.4	Adjacent Insulated				18.0	8.00		144.0
Base Total:	**46.0**		**551.4**	**As-Built Total:**				**46.0**			**379.2**
CEILING TYPES	Area X	BWPM	= Points	Type			R-Value	Area X	WPM X	WCM	= Points
Under Attic	1618.0	2.05	3316.9	Under Attic			30.0	1618.0	2.05 X	1.00	3316.9
Base Total:	**1618.0**		**3316.9**	**As-Built Total:**				**1618.0**			**3316.9**
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
	1618.0	-0.59	-954.6					1618.0	-0.59		-954.6
Winter Base Points:			**13363.6**	**Winter As-Built Points:**							**11772.5**
Total Winter Points	X System Multiplier	= Heating Points		Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)		X System Multiplier	X Credit Multiplier	= Heating Points	
				(sys 1: Electric Heat Pump 34000 btuh ,EFF(7.0) Ducts:Unc(S),Unc(R),Gar(AH),R6.0							
13363.6	**0.6274**	**8384.3**		11772.5 **11772.5**	1.000 **1.00**	(1.069 x 1.169 x 1.00) **1.250**		0.487 **0.487**	1.000 **1.000**		7166.7 **7166.7**

FORM 600A-2004

EnergyGauge® 4.0

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned Floor Area	X BSPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	SPM X	SOF	= Points
.18	1618.0	20.04	5836.5	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	1223.0	1.50		1834.5
Exterior	1223.0	1.70	2079.1	Frame, Wood, Adjacent			13.0	180.0	0.60		108.0
Base Total:	**1403.0**		**2205.1**	**As-Built Total:**				**1403.0**			**1942.5**
DOOR TYPES	Area X	BSPM =	Points	Type				Area X	SPM =		Points
Adjacent	18.0	2.40	43.2	Exterior Insulated				28.0	4.10		114.8
Exterior	28.0	6.10	170.8	Adjacent Insulated				18.0	1.60		28.8
Base Total:	**46.0**		**214.0**	**As-Built Total:**				**46.0**			**143.6**
CEILING TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM X SCM =		Points
Under Attic	1618.0	1.73	2799.1	Under Attic			30.0	1618.0	1.73 X 1.00		2799.1
Base Total:	**1618.0**		**2799.1**	**As-Built Total:**				**1618.0**			**2799.1**
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
	1618.0	10.21	16519.8					1618.0	10.21		16519.8
Summer Base Points: 21062.5				**Summer As-Built Points:**							**19584.5**
Total Summer Points	X System Multiplier	= Cooling Points		Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)		X System Multiplier	X Credit Multiplier	= Cooling Points	
				(sys 1: Central Unit 34000 btuh ,SEER/EFF(10.0) Ducts:Unc(S),Unc(R),Gar(AH),R6.0(INS)							
21062.5	**0.4266**	**8985.2**		19584 **19584.5**	1.00 **1.00**	(1.09 x 1.147 x 1.00) **1.250**		0.341 **0.341**	1.000 **1.000**		8356.8 **8356.8**

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 83.9

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			
6.	Conditioned floor area (ft²)	1618 ft²		c. N/A	
7.	Glass type [1] and area: (Label reqd. by 13-104.4.5 if not default)				
	a. U-factor:	Description Area		13. Heating systems	
	(or Single or Double DEFAULT)	7a. (Dble Default) 135.0 ft²		a. Electric Heat Pump	Cap: 34.0 kBtu/hr
	b. SHGC:				HSPF: 7.00
	(or Clear or Tint DEFAULT)	7b. (Clear) 135.0 ft²		b. N/A	
8.	Floor types				
	a. Slab-On-Grade Edge Insulation	R=4.0, 176.0(p) ft		c. N/A	
	b. N/A				
	c. N/A			14. Hot water systems	
9.	Wall types			a. Electric Resistance	Cap: 50.0 gallons
	a. Frame, Wood, Exterior	R=13.0, 1223.0 ft²			EF: 0.92
	b. Frame, Wood, Adjacent	R=13.0, 180.0 ft²		b. N/A	
	c. N/A				
	d. N/A			c. Conservation credits	
	e. N/A			(HR-Heat recovery, Solar	
10.	Ceiling types			DHP-Dedicated heat pump)	
	a. Under Attic	R=30.0, 1618.0 ft²		15. HVAC credits	
	b. N/A			(CF-Ceiling fan, CV-Cross ventilation,	
	c. N/A			HF-Whole house fan,	
11.	Ducts			PT-Programmable Thermostat,	
	a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 144.0 ft		MZ-C-Multizone cooling,	
	b. N/A			MZ-H-Multizone heating)	

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

Builder Signature: _____ Date: _____

Address of New Home: _____ City/FL Zip: _____

**NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar™ designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs at 850/487-1824.*

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

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

Reference to: Build permit application Number: 0510-73

Image Development Group Owner Image Development Group, 237 SW Thistlewood Lane Fort White Fl. Lot 17 of Thornwood Subdivision.

On the date of October 31, 2005 application 0510-73 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 0510-73 when making reference to this application.

1. The letter from the Town of Fort White, Certificate of Compliance & Request for Issuance of Building Permit doesn't have the Land Development Regulation Administrator signature. Please submit letter which has an authorizing signature.

2. The Residential wind design & Analysis prepared by: Mr. Marty R. Eskridge, a part of this wind design & Analysis, type of foundation sites FBC-1804.6.6.6.2 of the 2001 Florida Building Code. The type of foundation in this residential wind design & analysis should be sited from the 2004 Florida Building Code requirements.

3. Please provide a copy of the release, of the waste water disposal system from the Columbia County Environmental Department.

4. Please submit a recorded notice of commencement with this department prior to requesting any inspections on this dwelling.

5. Please show compliance with sections R309.1 of the FRC-2004 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.

Thank you,

Joe Haltiwanger
Plan Examiner
Columbia County Building Department

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. 23832

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. JB102476 Company Phone No. 386-755-3611
FHA/VA Case No. (if any)

Section 2: Builder Information

John Norris Construction
357 NW Corwin Blvd I.C. 32055
Company Name: Image Development Group Company Phone No. 758-3663

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) Thornwood SID
237 SW Thistlewood Ln. Lot # 17
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

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. 2422 Linear ft. 269 Linear ft. of Masonry Voids 250
Approximate Total Gallons of Solution Applied 540 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)

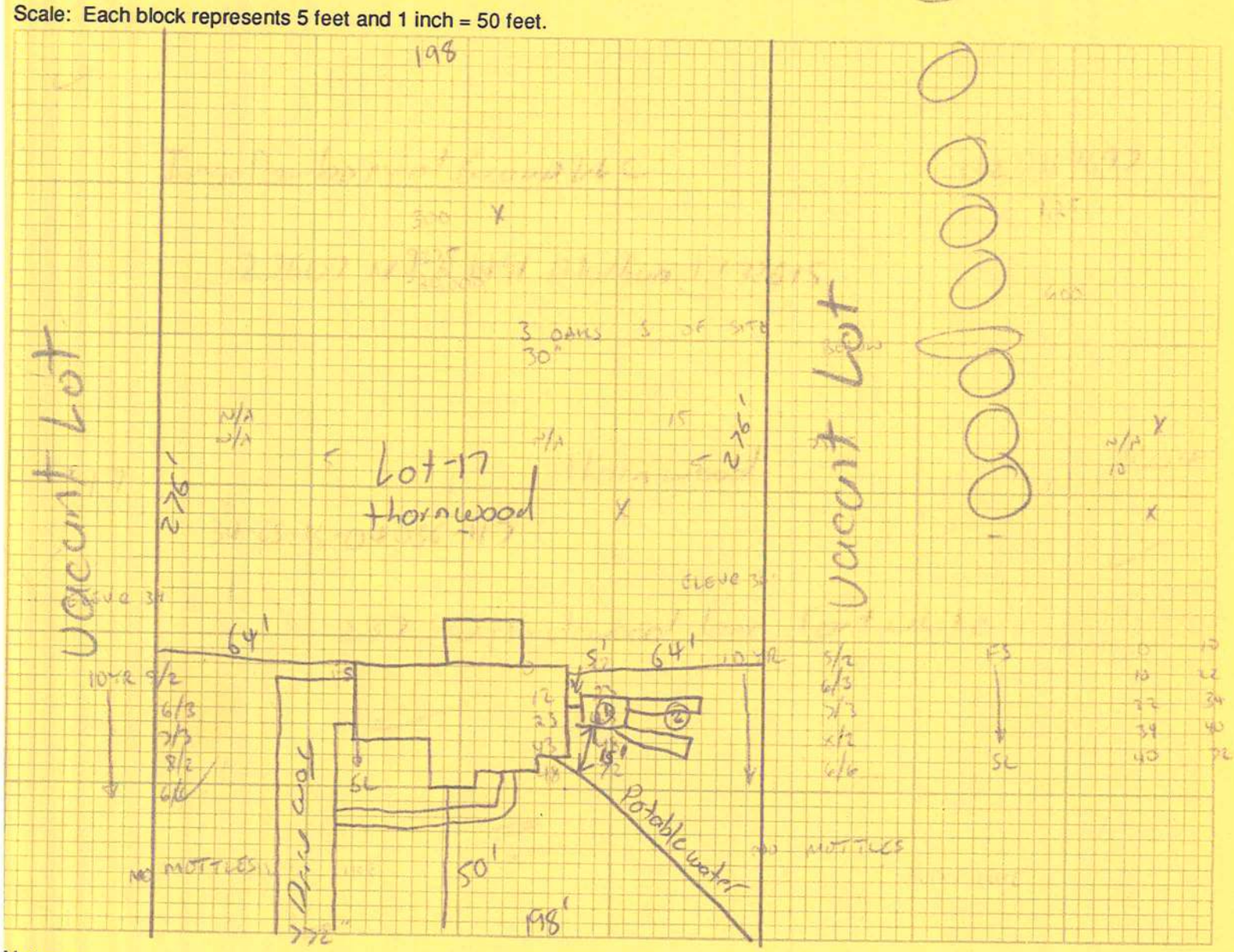
STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 05-1100N

PART II - SITE PLAN

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



Notes: _____

Site Plan submitted by: _____ _____
Signature Title

Plan Approved X Not Approved _____ Date 11/8/5

By _____ COLUMBIA County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

RESIDENTIAL WIND DESIGN & ANALYSIS

NO COPIES ARE TO BE PERMITTED \ FBC2004

PREPARED FOR:

IMAGE DEV. GROUP \ LOT 17

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.
62' — Trans: Fastener 8d/131 Spacing: Int 8 in. Edge 4 in.
54' — 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

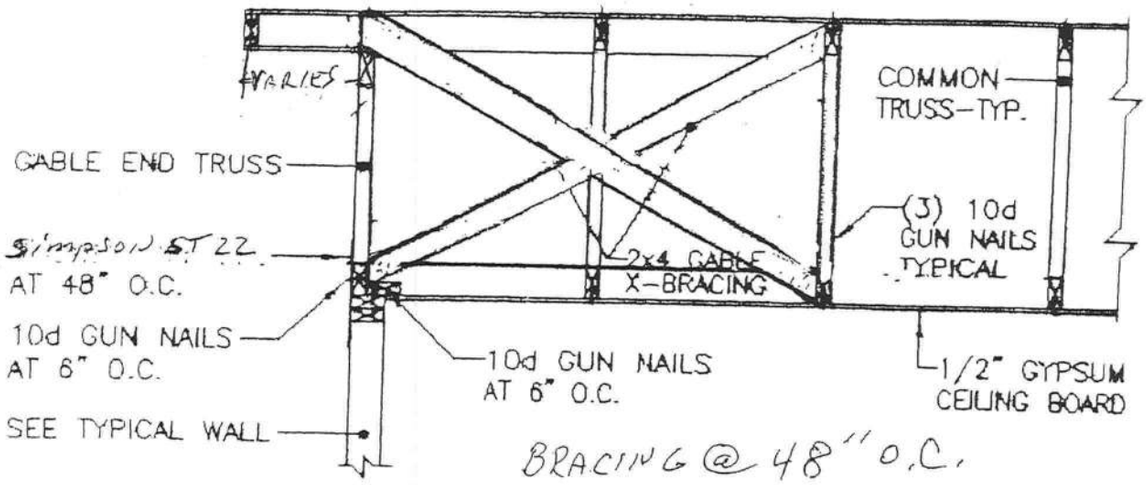
Porch Columns: 4X4X8 SYP #2/1T @ 16" OC

Porch Column Fasteners: Simpson ABU44/CC44 or Equal

6 of 17

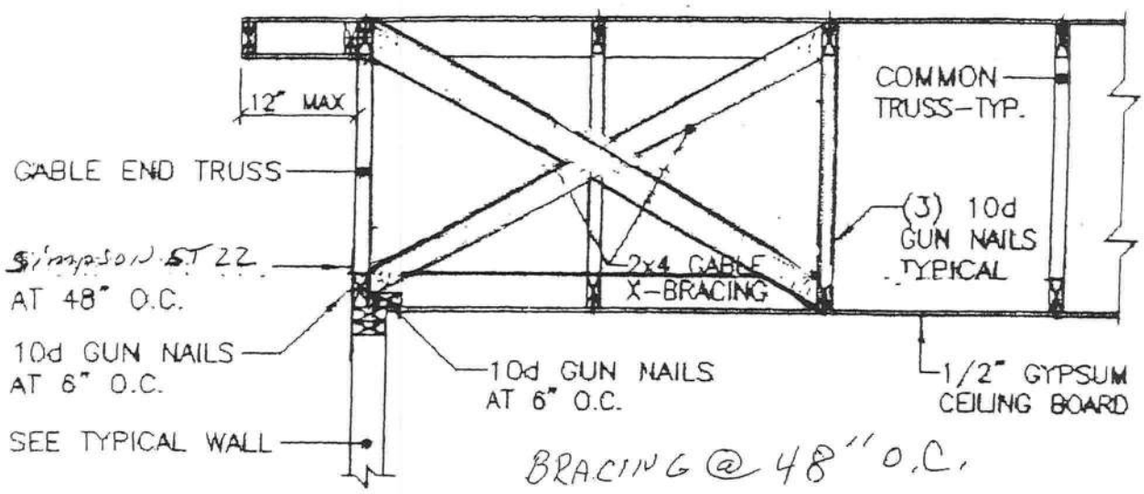
NOTE:
1. Balloon frame ALL gable ends unless this summary is accompanied by Gable End Wall Brace detail.
2. All trusses must bear on exterior walls & porch beams.
3. All walls to be nailed with same nailing pattern as shearwalls.
4. This is a windload only, NOT a structural analysis.
5. This windload 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.

RM0013985
9/10/05



GABLE END DETAIL

SCALE: NTS

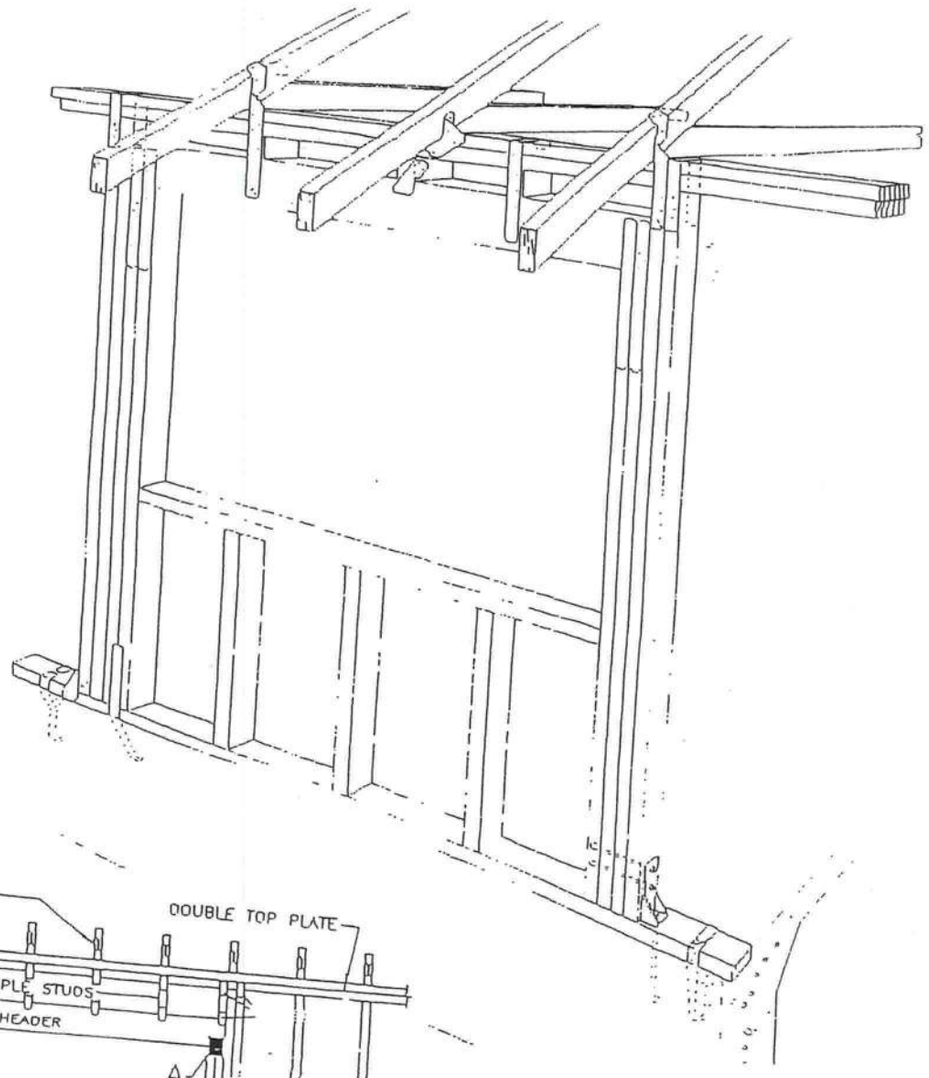


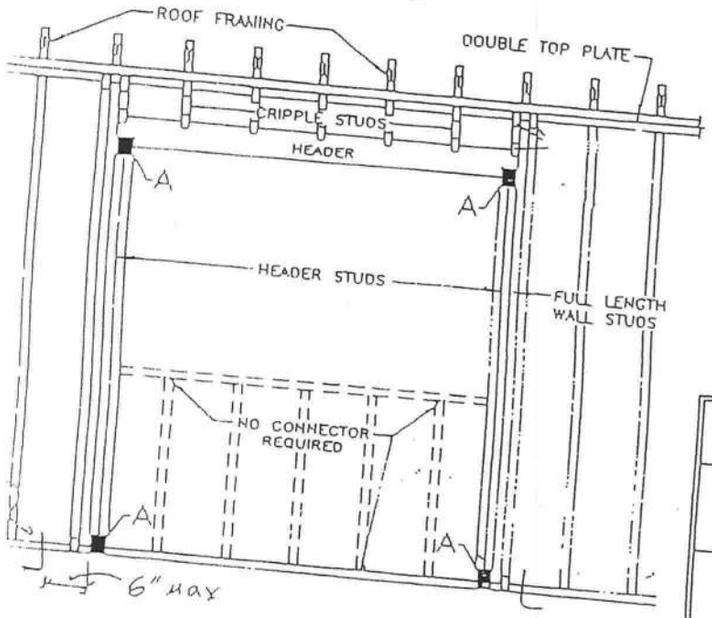
GABLE END DETAIL

17

SCALE: NTS

AR001388
9/10/05





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

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

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.

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

ASCE 7-98

9/9/05

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)	21.41	ft
Mean Roof Height (Ht)	15.62	ft
Width Perp. to Wind (B)	50.00	ft
Width Parallel to Wind (L)	67.00	ft
Damping Ratio (beta)	0.01	

Red values should be changed only through "Main Menu"

Calculated Parameters	
Type of Structure	
Height/Least Horizontal Dim	0.31
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
lzm	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	0.8992	
Gust2	0.925*((1+1.7*Izm*3.4*Q)/(1+1.7*3.4*Izm))	0.8655	
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	1.01	
Nb	4.6*NatFreq*B/Vzm	3.24	
Nd	15.4*NatFreq*Depth/Vzm	14.55	
Rh	1/Nh-(1/(2*Nh^2)*(1-Exp(-2*Nh)))	0.5640	
Rb	1/Nb-(1/(2*Nb^2)*(1-Exp(-2*Nb)))	0.2608	
Rd	1/Nd-(1/(2*Nd^2)*(1-Exp(-2*Nd)))	0.0663	
RR	((1/Beta)*Rn*Rh*Rb*(0.53+0.47*Rd))^0.5	0.6749	
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

ASCE 7-98

9/9/05

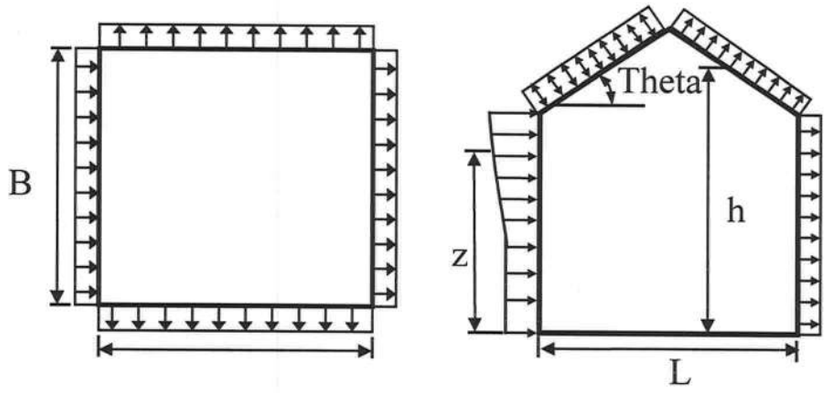
Wind Load Design per ASCE 7-98

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

Elev.	Kz	Kzt	Kd	qz	Pressure (lb/ft^2)	
					Windward Wall*	
ft			1.00	lb/ft^2	+GCpi	-GCpi
21.41	0.70	1.00	1.00	21.70	11.78	18.27
20	0.70	1.00	1.00	21.70	11.78	18.27
15.62	0.70	1.00	1.00	21.70	11.78	18.27
15	0.70	1.00	1.00	21.70	11.78	18.27

Figure 6-3 - External Pressure Coefficients, Cp

Loads on Main Wind-Force Resisting Systems



Variable	Formula	Value	Units
Kh	2.01*(Ht/zg)^(2/Alpha)	0.58	
Kht	Topographic factor (Fig 6-2)	1.00	
Qh	.00256*(V)^2*ImpFac*Kh*Kht*Kd	18.01	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)	-0.43	-9.98	-3.49
Leeward Walls (Wind Dir Parallel to 67 ft wall)	-0.50	-11.04	-4.55
Side Walls	-0.70	-14.15	-7.67
Roof - Normal to Ridge (Theta>=10)			
Windward - Max Negative	-0.20	-6.36	0.12
Windward - Max Positive	0.30	1.43	7.92
Leeward Normal to Ridge	-0.60	-12.59	-6.11
Overhang Top	-0.20	-3.12	-3.12
Overhang Bottom	0.80	0.69	0.69
Roof - Parallel to Ridge (All Theta)			
Dist from Windward Edge: 0 ft to 7.81 ft	-0.90	-17.27	-10.79

ASCE 7-98

Wind Load Design per ASCE 7-98

Dist from Windward Edge: 7.81 ft to 15.62 ft	-0.90	-17.27	-10.79
Dist from Windward Edge: 15.62 ft to 31.24 ft	-0.50	-11.04	-4.55
Dist from Windward Edge: > 31.24 ft	-0.30	-7.92	-1.43

* Horizontal distance from windward edge

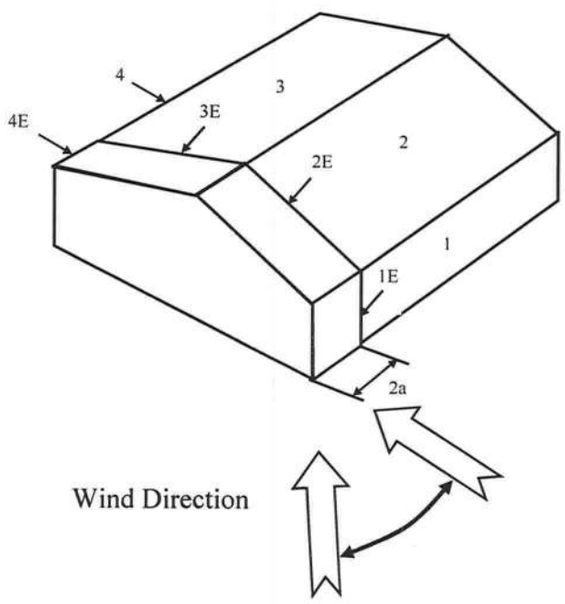
Figure 6-4 - External Pressure Coefficients, GCpf

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

Kh =	2.01*(Ht/zg)^(2/Alpha)	=	0.58
Kht =	Topographic factor (Fig 6-2)	=	1.00
Qh =	0.00256*(V)^2*ImpFac*Kh*Kht*Kd	=	18.01

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 * (GCpf - GCpi)



ASCE 7-98

Wind Load Design per ASCE 7-98

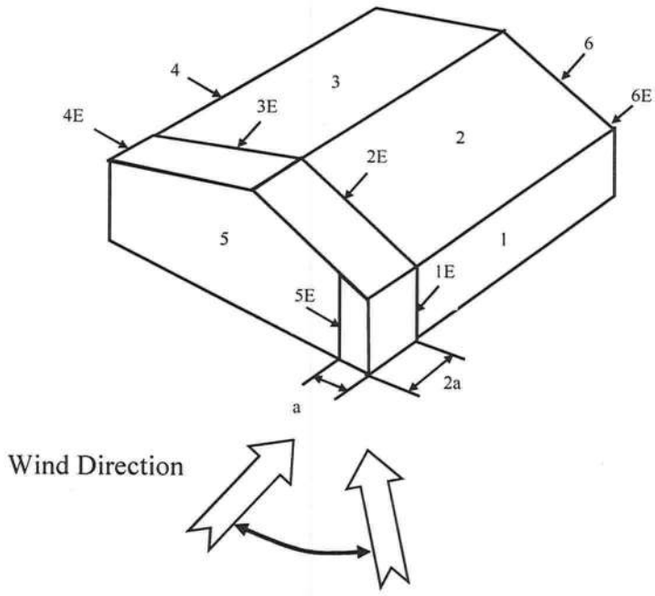
Figure 6-4 - External Pressure Coefficients, GCpf

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

Kh =	2.01*(Ht/zg)^(2/Alpha)	=	0.58
Kht =	Topographic factor (Fig 6-2)	=	1.00
Qh =	0.00256*(V)^2*ImpFac*Kh*Kht*Kd	=	18.01

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 = qh * (GCpf - GCpi)

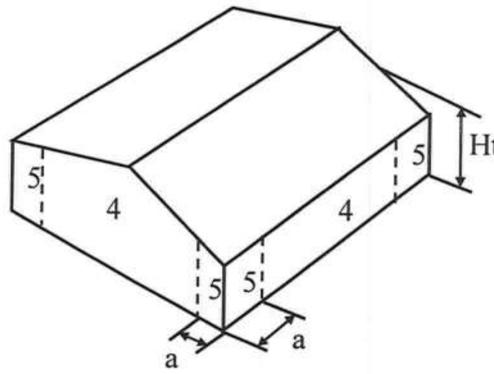


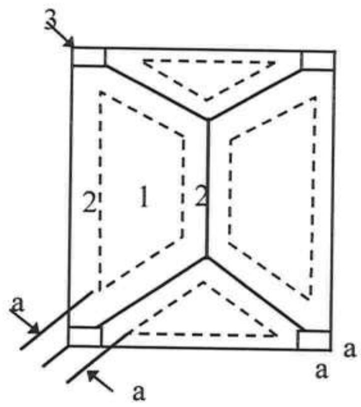
ASCE 7-98

Wind Load Design per ASCE 7-98

Figure 6-5 - External Pressure Coefficients, GCp

Loads on Components and Cladding for Buildings w/ Ht <= 60 ft





Hipped Roof
10 < Theta <= 30

a = 5 ==> 5.00 ft

Component	Width (ft)	Length (ft)	Area (ft^2)	Zone	GCp Max	GCp Min	Wind Press (lb/ft^2) Max	Wind Press (lb/ft^2) Min
	16	7	112.00	5	0.81	-1.03	17.91	-21.78
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
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	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					

Note: * Enter Zone 1 through 5, or 1H through 3H for overhangs.

Table 6-7 Internal Pressure Coefficients for Buildings, Gcpi

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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	-1.29	-18.83	-11.04
	P (-GCpi) -psf	5.19	-12.35	-4.55
Roof Springing from Ground	Cp	0.42	-1	-0.5
	P (+GCpi) - psf	3.30	-18.83	-11.04
	P (-GCpi) -psf	3.30	-18.83	-11.04

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

Variable	Description	Value	
L	Roof dimension normal to wind direction	67.00	ft
B	Roof dimension parallel to wind direction	50.00	ft
L/B	Ratio of L to B	1.340	
Theta	Slope of Roof	26.6	Deg
Cf	Force Coefficient	1.14	
X	Distance to center of pressure from windward edge	0.40	ft

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.
☑	☐	**Site Plan including:** 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.
☑	☑	**Wind-load Engineering Summary, calculations and any details required** 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/m²), to be used for the design of exterior component and cladding materials not specifically designed by the registered design professional
☑	☐	**Elevations including:**
☑	☑	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
☑	☑	e) Number of stories

Fort White letter

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 Fl. 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 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 locate within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements c 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:

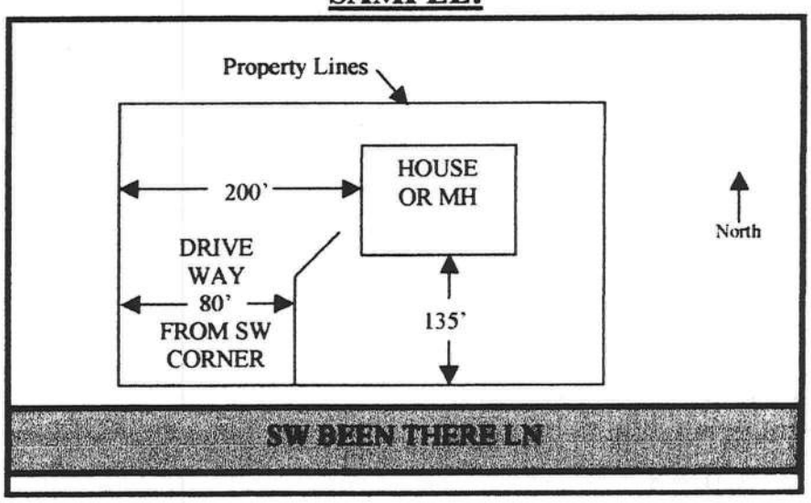
YOU CAN NOT OBTAIN A NEW ADDRESS OVER THE TELEPHONE. MUST MAKE AN APPOINTMENT!

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:

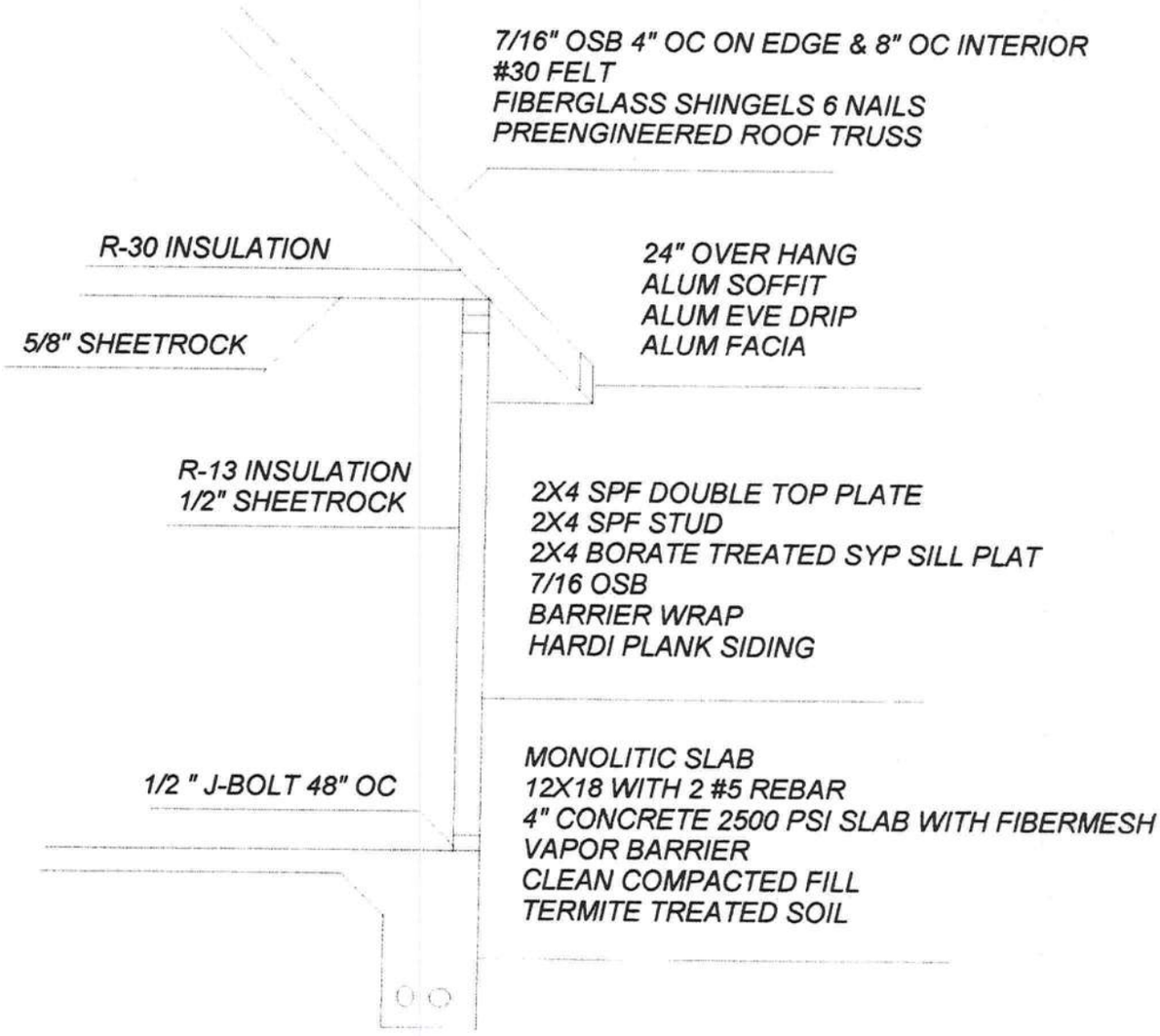
1. THE PARCEL OR TAX ID NUMBER (SAMPLE: "25-4S-17-12345-123" OR "R12345-123) FOR THE PROPERTY.
2. A PLAT, PLAN, SITE PLAN, OR DRAWING SHOWING THE PROPERTY LINES OF THE PARCEL.
   a. LOCATION OF PLANNED RESIDENT OR BUSINESS STRUCTURE ON THE PROPERTY WITH DISTANCES FROM TWO OF THE PROPERTY LINES TO THE 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:



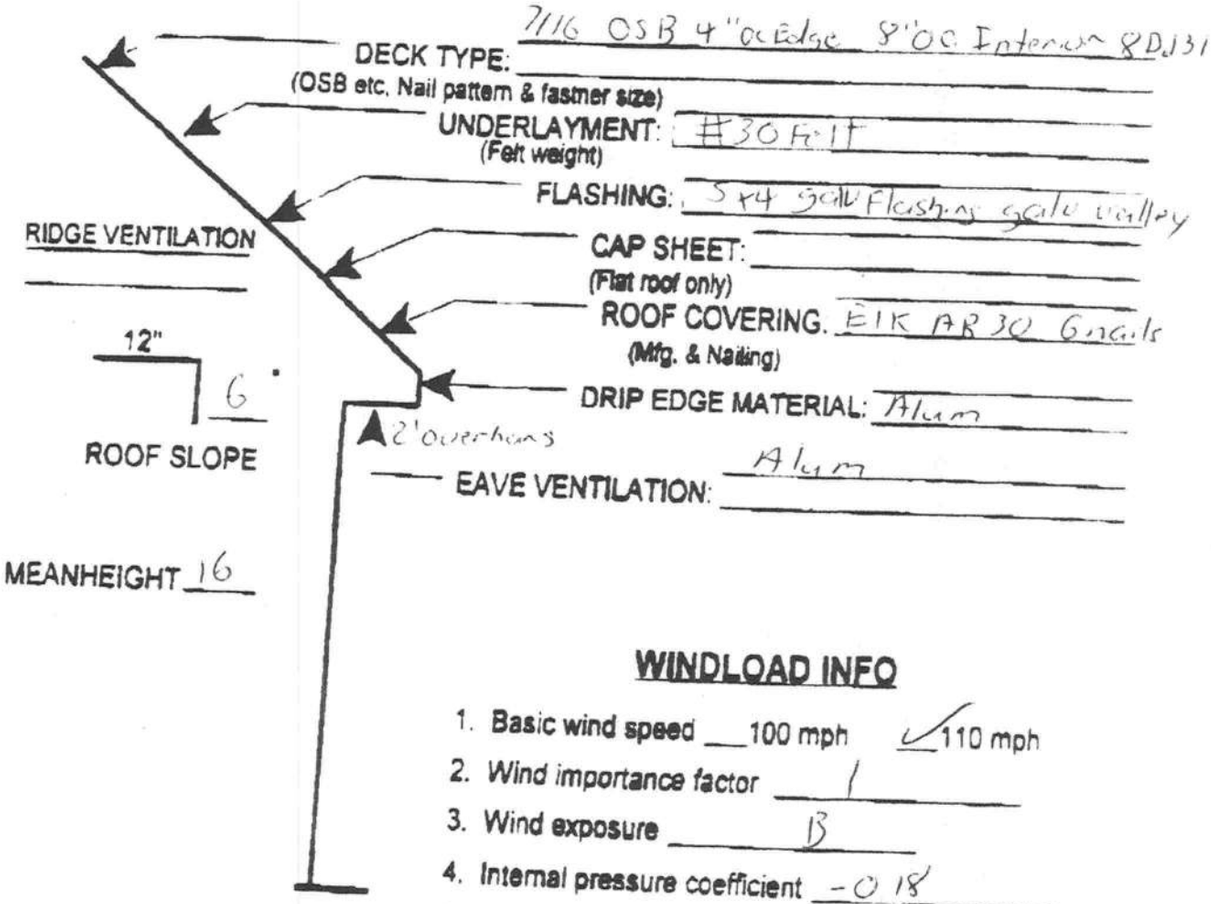
NOTE: 5 TO 7 WORKING DAYS MAY BE REQUIRED IF ADDRESSING DEPARTMENT NEEDS TO CONDUCT AN ON SITE SURVEY.

TYPICAL WALL SECTION
MONOLITIC SLAB



ROOFING. WINDOW & DOOR REQUIREMENTS

ROOF SYSTEM DESCRIPTION



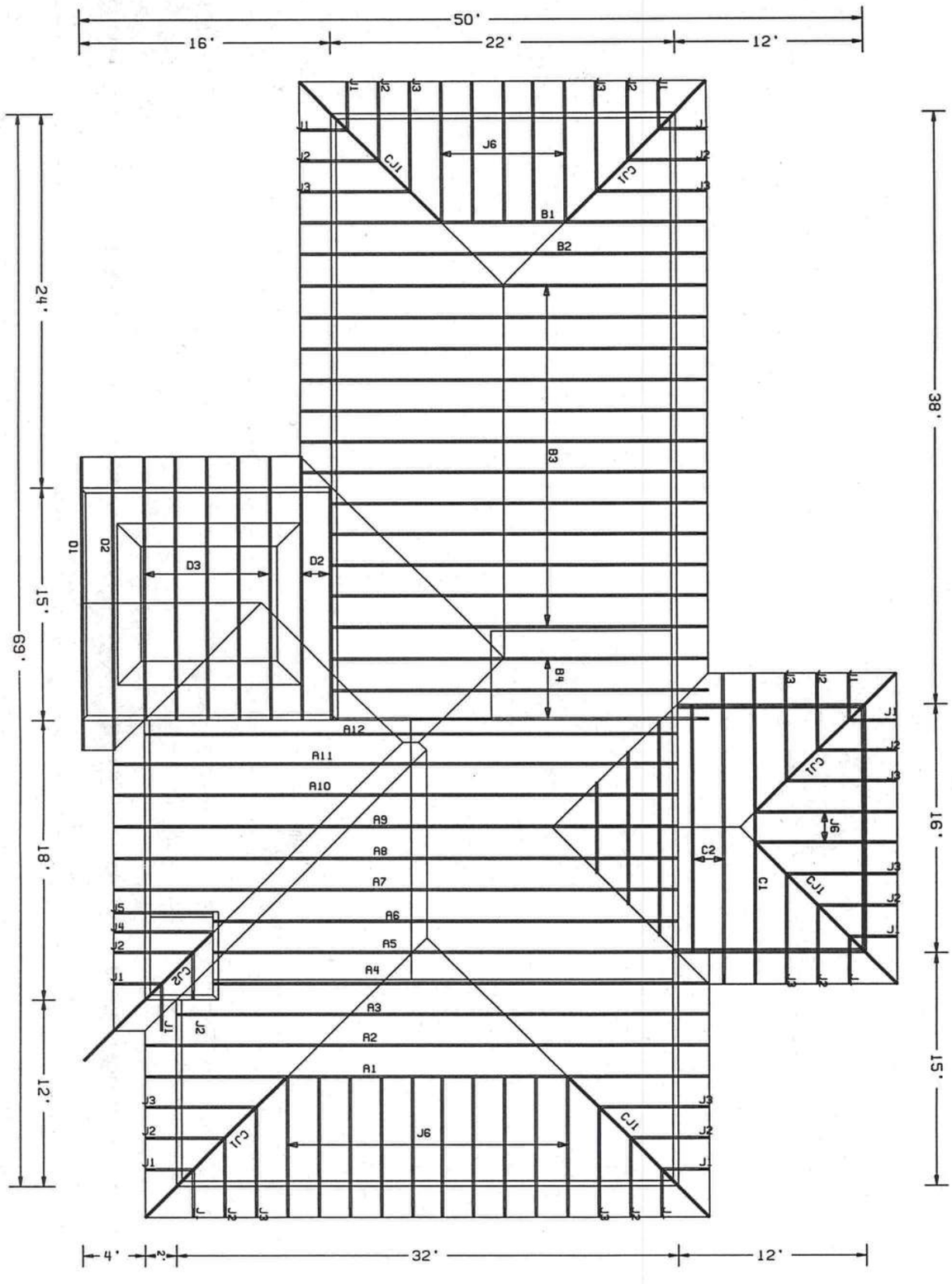
WINDLOAD INFO

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

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		

HEADER	MATERIAL	SIZE	UPLIFT	STRAP	NAILS	UPLIFT
1	DOUBLE 2X12	3'	180	2-LSTA	16-10D	2410
2	DOUBLE 2X12	3'	565	2-LSTA	16-10D	2410
3	DOUBLE 2X12	6'	54	2-LSTA	16-10D	2410
4	DOUBLE 2X12	6'	2350	2-LSTA	16-10D	2410
5	DOUBLE 2X12	3'	670	2-LSTA	16-10D	2410
6	DOUBLE 2X12	6'	865	2-LSTA	16-10D	2410
7	DOUBLE 2X12	3'	180	2-LSTA	16-10D	2410
8	DOUBLE 2X12	3'	180	2-LSTA	16-10D	2410
9	DOUBLE 2X12	5'	1339	2-LSTA	16-10D	2410
10	DOUBLE 2X12	3'	784	2-LSTA	16-10D	2410
11	DOUBLE 2X12	3'	784	4-LSTA	16-10D	4820
12	DOUBLE 2X12	12'	2153	4-LSTA	16-10D	4820
13	DOUBLE 2X12	23	1880	4-LSTA	16-10D	4820
14	DOUBLE 2X12	12'	2153	2-LSTA	16-10D	2410
15	DOUBLE 2X12			2-LSTA	16-10D	2410
16	DOUBLE 2X12			2-LSTA	16-10D	2410
17	DOUBLE 2X12			2-LSTA	16-10D	2410
18	DOUBLE 2X12			2-LSTA	16-10D	2410
19	3 1/2 X 14 GLUE LAM	16'	2080	4-LSTA	16-10D	4820
Total Amount						

LOT-17 TRUSS#	UPLIFT	H_STRAP	UPLIFT	NAILS
A-1	1106/1106	H-16	1265	12-10D
A-2	774/774	H-16	1265	12-10D
A-3	708/7774	H-16	1265	12-10D
A-4	682/746	H-16	1265	12-10D
A-5	670/679	H-16	1265	12-10D
A-6	669/678	H-16	1265	12-10D
A-7	783/720	H-16	1265	12-10D
A-8	783/720	H-16	1265	12-10D
A-9	784/720	H-16	1265	12-10D
A-10	784-720	H-16	1265	12-10D
A-11	784/720	H-16	1265	12-10D
A-12	724/724	H-16	1265	12-10D
B-1	875/875	H-16	1265	12-10D
B-2	567/567	H-16	1265	12-10D
B-3	565/565	H-16	1265	12-10D
B-4	561/505	H-16	1265	12-10D
C-1	753/753	H-16	1265	12-10D
C-2	427/427	H-16	1265	12-10D
D-1	54	LSTA	1015	18-10D
D-2	404/404	H-16	1265	12-10D
D-3	407/331	H-16	1265	12-10D
J-1	180	H-16	1265	12-10D
J-2	*180*	H-16	1265	12-10D
J-3	*180*	H-16	1265	12-10D
J-4	*200*	H-16	1265	12-10D
J-5	*180*	H-16	1265	12-10D
J-6	*200*	H-16	1265	12-10D
CJ1	*335*	H-16	1265	12-10D
CJ2	*425*	H-16	1265	12-10D
Total Amount				



PAGE NO: 1 OF 1	JOB NO: 12639	Job Description: IMAGE - SIERRA-2 Location: LOT 36 Owner: Contractor: IMAGE DEVELOPMENT Date: 09-02-2005 job desc: IMAGE - SIERRA-2

Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Florida Certificate of Product Approval # FL1999
 Document ID:1SQ5917-Z0602161149

Truss Fabricator:	Riverside Truss
Job Identification:	12639-:IMAGE - SIERRA-2 -- LOT 36 High Springs, FL
Truss Count:	29
Model Code:	Florida Building Code 2001
Truss Criteria:	ANSI/TPI-2002(STD)/FBC
Engineering Software:	Alpine Software,Version 7.11.
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

Seal Date: 09/02/2005

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

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

No Standard Details

#	Ref Description	Drawing#	Date
1	32534--A1	05245035	09/02/05
2	32535--A2	05245026	09/02/05
3	32536--A3	05245028	09/02/05
4	32537--A4	05245140	09/02/05
5	32538--A5	05245141	09/02/05
6	32539--A6	05245142	09/02/05
7	32540--A7	05245143	09/02/05
8	32541--A8	05245144	09/02/05
9	32542--A9	05245145	09/02/05
10	32543--A10	05245146	09/02/05
11	32544--A11	05245147	09/02/05
12	32545--A12	05245148	09/02/05
13	32546--B1	05245025	09/02/05
14	32547--B2	05245030	09/02/05
15	32548--B3	05245034	09/02/05
16	32549--B4	05245149	09/02/05
17	32550--C1	05245027	09/02/05
18	32551--C2	05245029	09/02/05
19	32552--D1	05245031	09/02/05
20	32553--D2	05245032	09/02/05
21	32554--D3	05245033	09/02/05
22	32555--J1	05245151	09/02/05
23	32556--J2	05245150	09/02/05
24	32557--J3	05245037	09/02/05
25	32558--J4	05245152	09/02/05
26	32559--J5	05245153	09/02/05
27	32560--J6	05245038	09/02/05
28	32561--CJ1	05245036	09/02/05
29	32562--CJ2	05245154	09/02/05

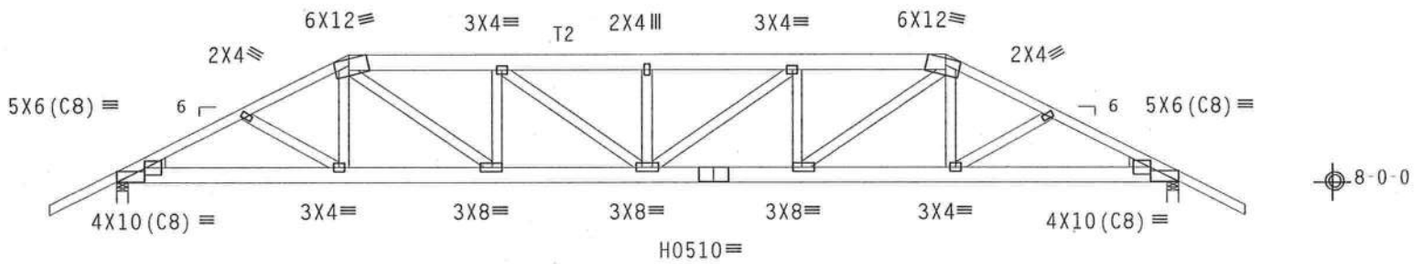
(12639-:IMAGE - SIERRA-2 -- LOT 36 High Springs, FL - A1)

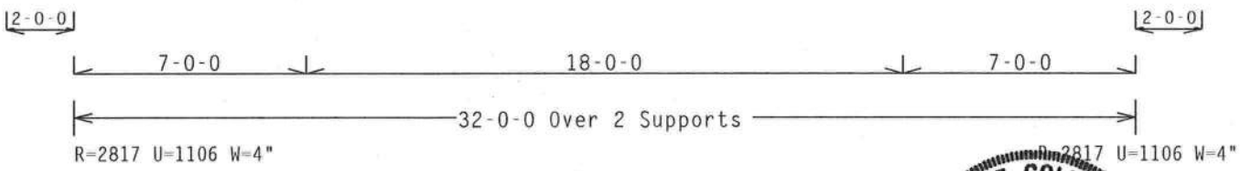
Top chord 2x4 SP #2 Dense :T2 2x6 SP #1 Dense:
Bot chord 2x6 SP #1 Dense
Webs 2x4 SP #3
:Lt Wedge 2x4 SP #3::Rt Wedge 2x4 SP #3:

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

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.





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

JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

PLT TYP. 20 Gauge HS,Wave | Design Crit: TPI-2002(STD)/FBC | 7.11.011 .27 | QTY 1 | FL/-/2/-/-/R/- | Scale =.1875"/Ft.

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

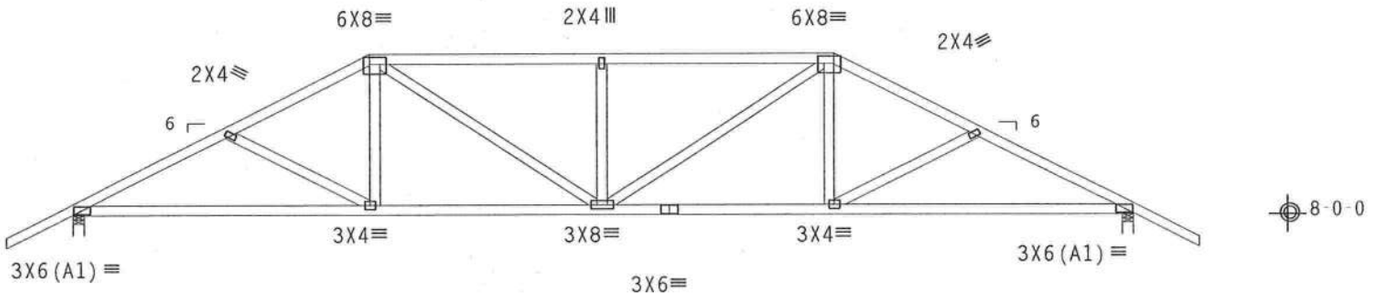
TC LL	20.0 PSF	REF	R917-- 32534
TC DL	7.0 PSF	DATE	09/02/05
BC DL	5.0 PSF	DRW	HCUSR917 05245035
BC LL	10.0 PSF	HC-ENG	SL/DLJ
TOT.LD.	42.0 PSF	SEQN-	113703
DUR.FAC.	1.25	FROM	BF
SPACING	24.0"	JREF-	1SQ5917_Z06

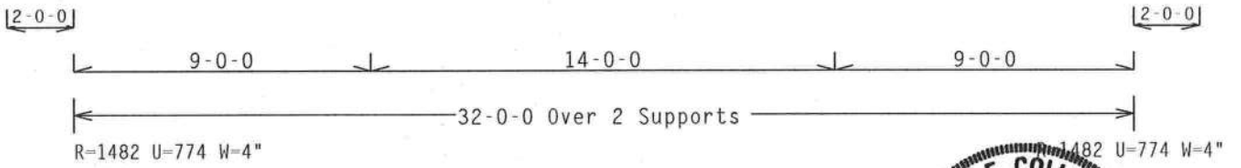
(12639-:IMAGE - SIERRA-2 -- LOT 36 High Springs, FL - A2)

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.





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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

PLT TYP. Wave | Design Crit: TPI-2002(STD)/FBC | 7.11.01[illegible]6.21 | QTY: 1 | FL/-/2/-/-/R/- | Scale =.1875"/Ft.

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

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

IMPORTANTFURNISH 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 NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/S/K) ASTM A653 GRADE 40/60 (W, K/H,S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A3 OF TPI1-2002 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.

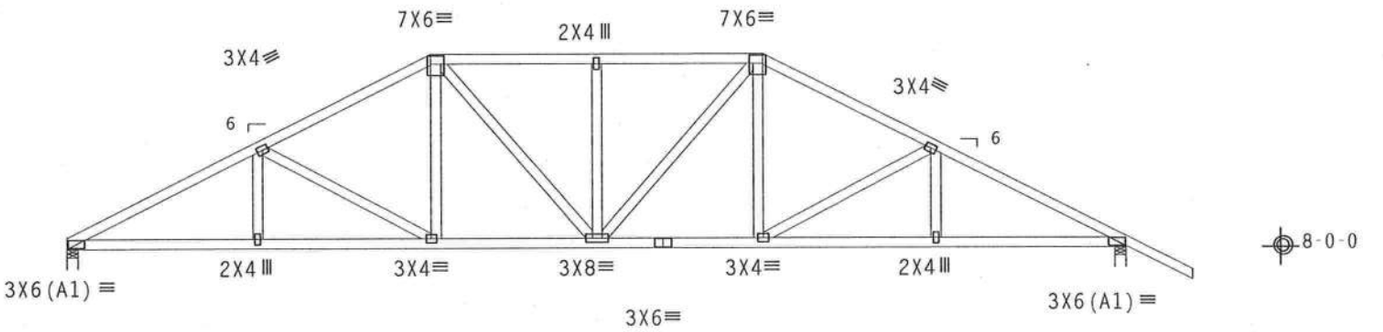
TC LL	20.0 PSF	REF	R917-- 32535
TC DL	7.0 PSF	DATE	09/02/05
BC DL	5.0 PSF	DRW	HCUSR917 05245026
BC LL	10.0 PSF		HC-ENG SL/DLJ *
TOT.LD.	42.0 PSF	SEQN-	113758
DUR.FAC.	1.25	FROM	BF
SPACING	24.0"	JREF-	1SQ5917_Z06

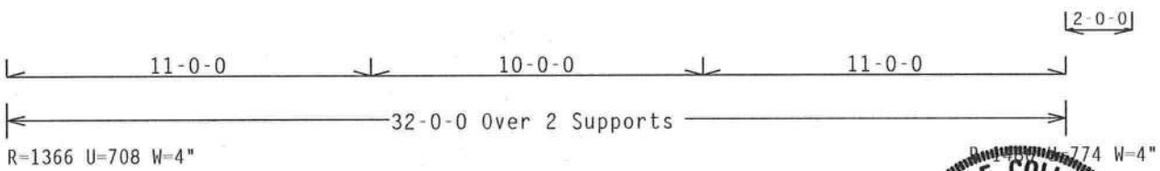
(12639-:IMAGE - SIERRA-2 -- LOT 36 High Springs, FL - A3)

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 | 7.11.01 6.21 | QTY:1 | FL/-/2/-/-/R/- | Scale =.1875"/Ft.

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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-- 32536
DATE	09/02/05
DRW	HCUSR917 05245028
	HC-ENG SL/DLJ *
SEQN-	113762
FROM	BF
JREF-	1SQ5917_Z06

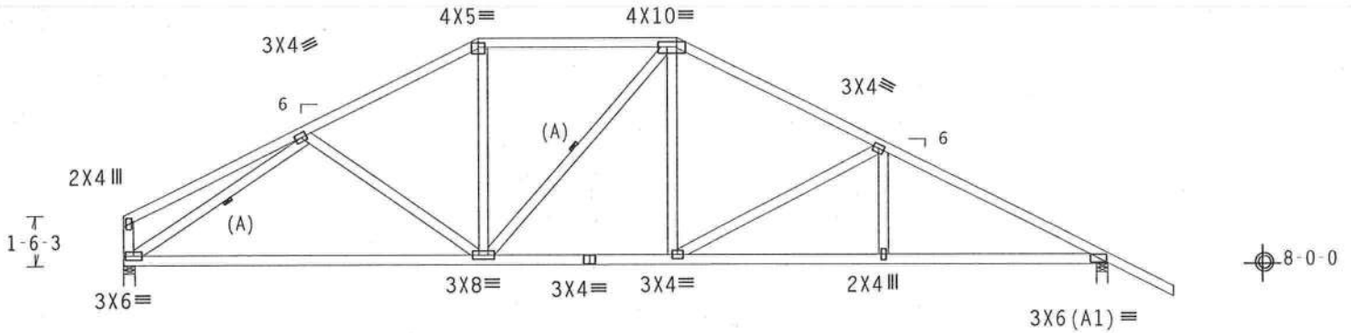
(12639-:IMAGE - SIERRA-2 -- LOT 36 High Springs, FL - A4)

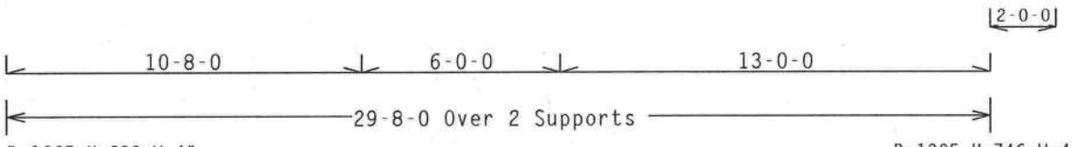
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

(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.

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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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

PLT TYP. Wave | Design Crit: TPI-2002(STD)/FBC | 7.11.01 6.21 | QTY 1 | FL/-/2/-/-/R/- | Scale =.1875"/Ft.

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TC LL	20.0 PSF	REF	R917-- 32537
TC DL	7.0 PSF	DATE	09/02/05
BC DL	5.0 PSF	DRW	HCUSR917 05245140
BC LL	10.0 PSF	HC-ENG	AK/DLJ *
TOT.LD.	42.0 PSF	SEQN-	26409
DUR.FAC.	1.25	FROM	BF
SPACING	24.0"	JREF-	1SQ5917_Z06

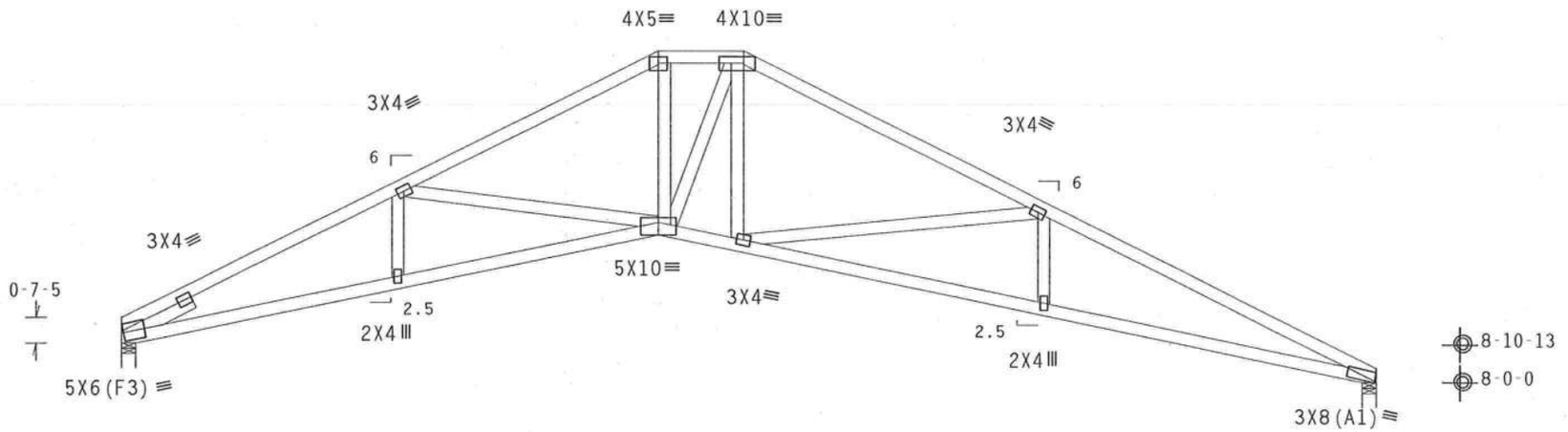
(12639-:IMAGE - SIERRA-2 -- LOT 36 High Springs, FL - A5)

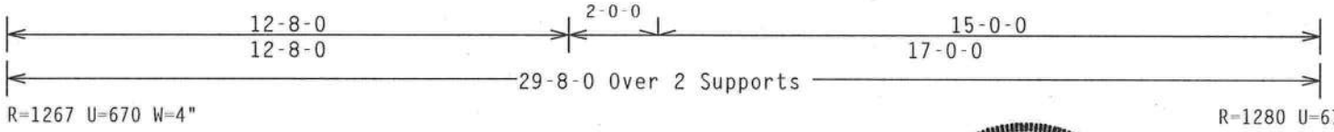
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Lt Slider 2x4 SP #3: BLOCK LENGTH = 1.828'

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.

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





RIVERSIDE ROOF TRUSS, INC
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P.O. Box 1739
Palatka, FL 32178-1739

PLT TYP. Wave | Design Crit: TPI-2002(STD)/FBC | 7.11.01[illegible] | FL/-/2/-/-/R/- | Scale =.25"/Ft.

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Haines City, FL 33844
FL Certificate of Authorization # 567

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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 NDS (NATIONAL DESIGN SPEC, BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/S/E) ASTM A653 GRADE 40/60 (W, E/H,S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 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.

JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 02 05

TC LL	20.0 PSF	REF	R917-- 32538
TC DL	7.0 PSF	DATE	09/02/05
BC DL	5.0 PSF	DRW	HCUSR917 05245141
BC LL	10.0 PSF	HC-ENG	AK/DLJ *
TOT.LD.	42.0 PSF	SEQN-	26423
DUR.FAC.	1.25	FROM	BF
SPACING	24.0"	JREF-	1SQ5917_ZQ6

(12639-:IMAGE - SIERRA-2 -- LOT 36 High Springs, FL - A6)

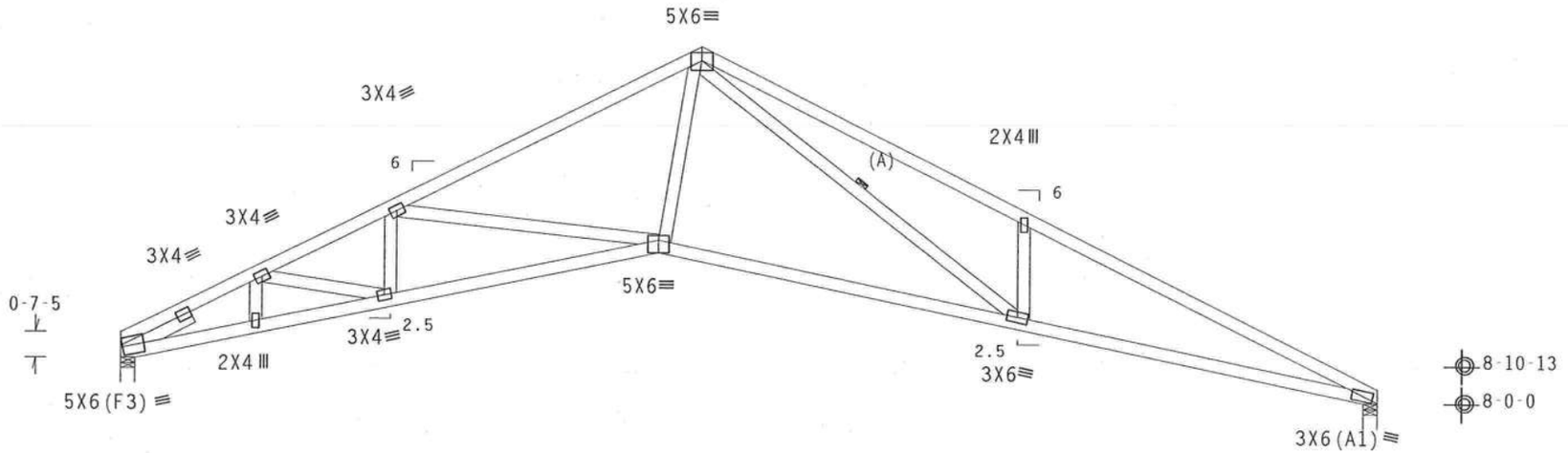
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Lt Slider 2x4 SP #3: BLOCK LENGTH = 1.828'

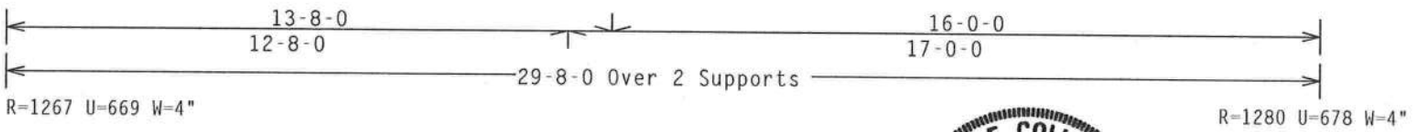
(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

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.

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

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





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

PLT TYP. Wave | Design Crit: TPI-2002(STD)/FBC | 7.11.011 5.21 | QTY: 1 | FL/-/2/-/-/R/- | Scale =.25"/Ft.

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

JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

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-- 32539
DATE	09/02/05
DRW	HCUSR917 05245142
HC-ENG	AK/DLJ
SEQN-	26417
FROM	BF
JREF-	1SQ5917_Z06

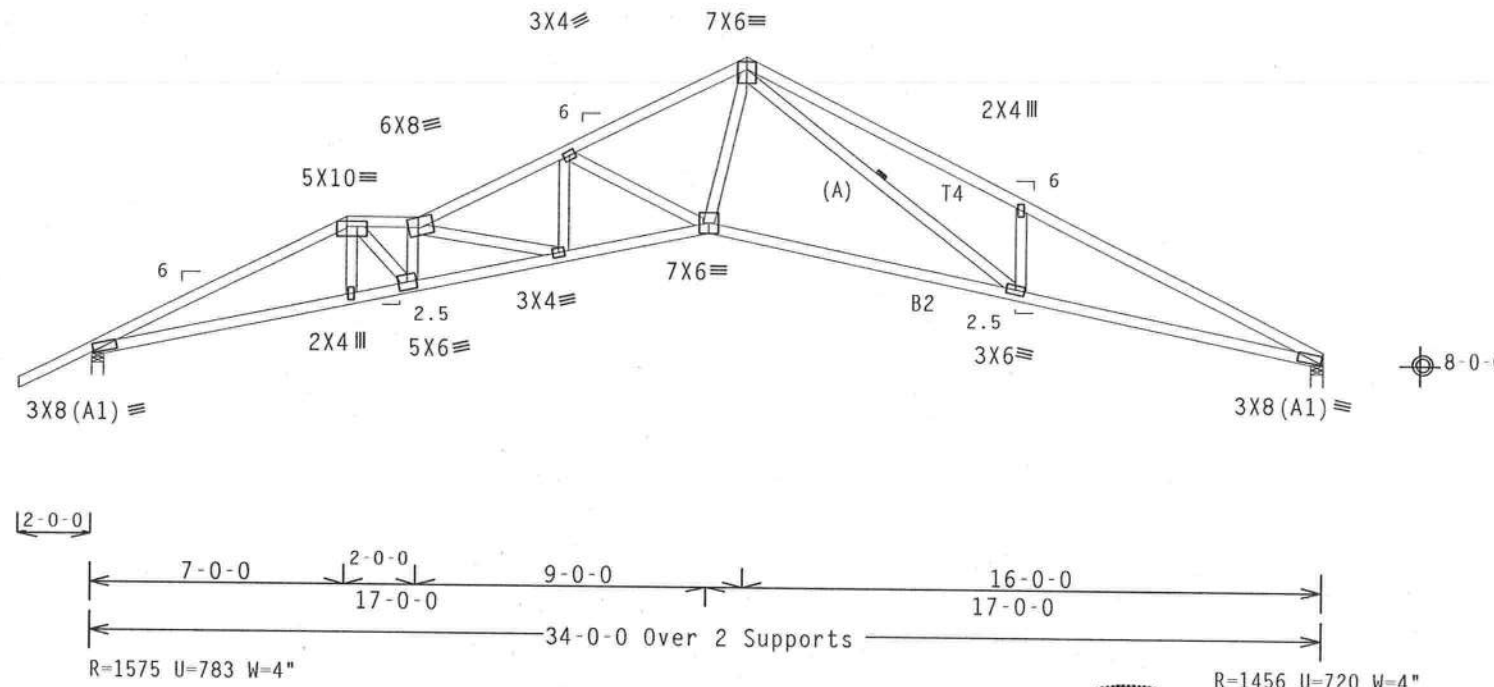
Top chord 2x4 SP #2 Dense :T4 2x4 SP #1 Dense:
Bot chord 2x4 SP #1 Dense :B2 2x4 SP #2 Dense:
Webs 2x4 SP #3

Calculated horizontal deflection is 0.34" due to live load and 0.15" due to dead load.

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 7.11.011 .1 QTY:1 FL/-/2/-/-/R/-

Scale =.1875"/Ft.

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
SEP 02, 05

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-- 32540
DATE	09/02/05
DRW	HCUSR917 05245143
HC-ENG	AK/DLJ
SEQN-	26404
FROM	BF
JREF-	1SQ5917_Z06

(12639-:IMAGE - SIERRA-2 -- LOT 36 High Springs, FL - A8)

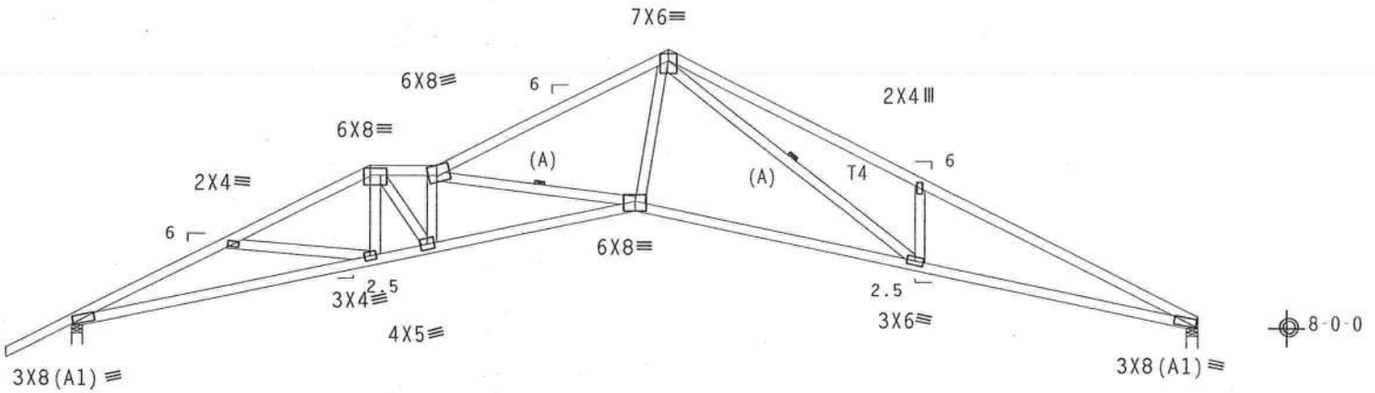
Top chord 2x4 SP #2 Dense :T4 2x4 SP #1 Dense:
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

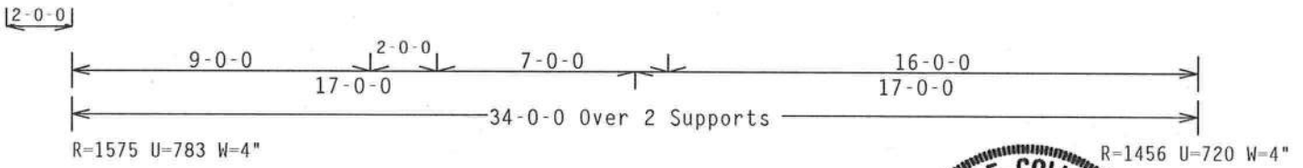
Calculated horizontal deflection is 0.33" due to live load and 0.14" due to dead load.

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

JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

PLT TYP. Wave | Design Crit: TPI-2002(STD)/FBC | 7.11.0115.21 | QTY 1 | FL/-/2/-/-/R/- | Scale =.1875"/Ft.

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

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

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TC LL	20.0 PSF	REF	R917-- 32541
TC DL	7.0 PSF	DATE	09/02/05
BC DL	5.0 PSF	DRW	HCUSR917 05245144
BC LL	10.0 PSF		HC-ENG AK/DLJ *
TOT.LD.	42.0 PSF	SEQN-	26397
DUR.FAC.	1.25	FROM	BF
SPACING	24.0"	JREF-	1SQ5917_Z06

(12639-:IMAGE - SIERRA-2 -- LOT 36 High Springs, FL - A9)

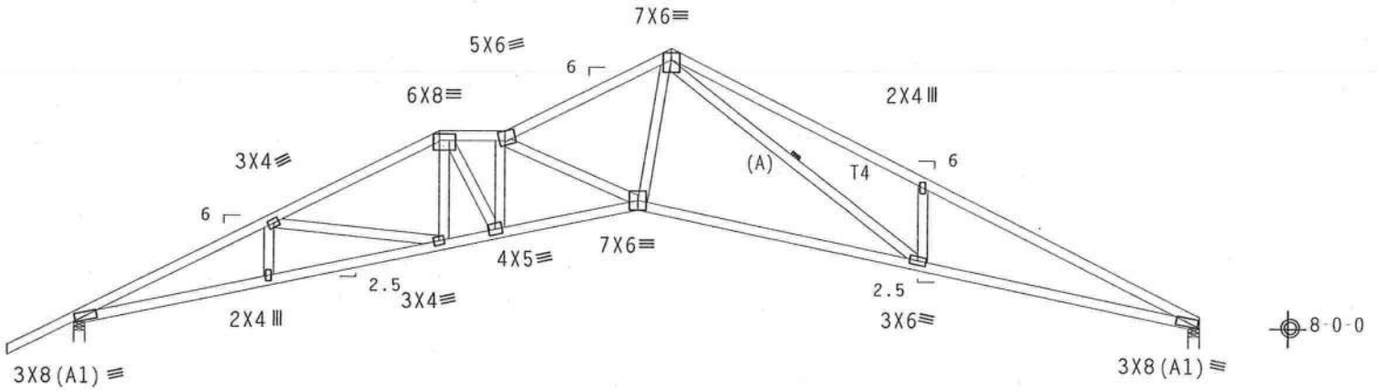
Top chord 2x4 SP #2 Dense :T4 2x4 SP #1 Dense:
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

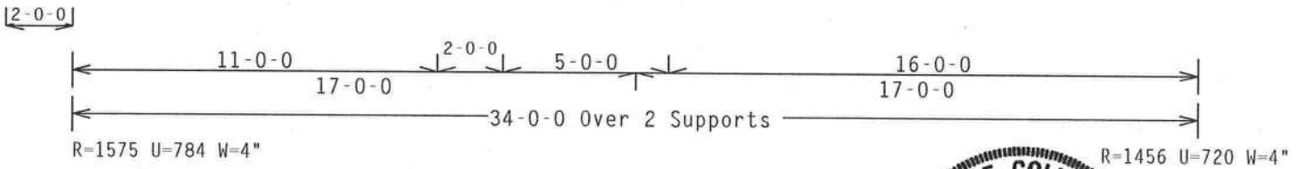
Calculated horizontal deflection is 0.31" due to live load and 0.13" due to dead load.

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 | 7.11.0115.21 | QTY: 1 | FL/-/2/-/-/R/- | Scale =.1875"/Ft.

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF R917-- 32542
TC DL	7.0 PSF	DATE 09/02/05
BC DL	5.0 PSF	DRW HCUSR917 05245145
BC LL	10.0 PSF	HC-ENG AK/DLJ *
TOT.LD.	42.0 PSF	SEQN- 26394
DUR.FAC.	1.25	FROM BF
SPACING	24.0"	JREF- 1SQ5917_Z06

(12639-:IMAGE - SIERRA-2 -- LOT 36 High Springs, FL - A10)

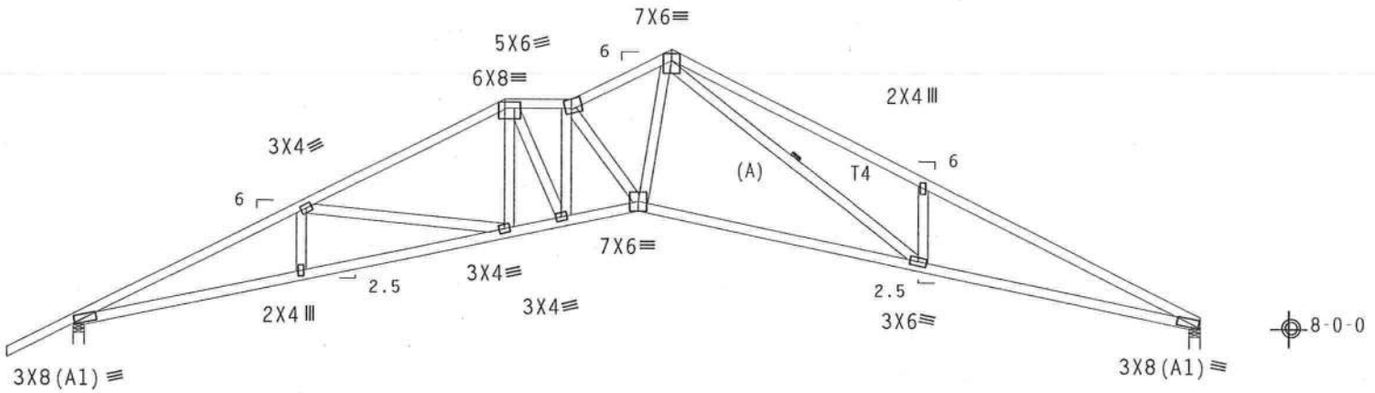
Top chord 2x4 SP #2 Dense :T4 2x4 SP #1 Dense:
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

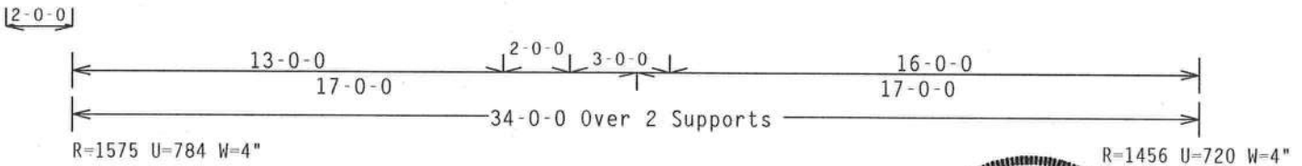
Calculated horizontal deflection is 0.30" due to live load and 0.13" due to dead load.

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 | 7.11.011.21 | No. 52212 TYP. | FL/-/2/-/-/R/- | Scale =.1875"/Ft.

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF	R917-- 32543
TC DL	7.0 PSF	DATE	09/02/05
BC DL	5.0 PSF	DRW	HCUSR917 05245146
BC LL	10.0 PSF	HC-ENG	AK/DLJ
TOT.LD.	42.0 PSF	SEQN-	26391
DUR.FAC.	1.25	FROM	BF
SPACING	24.0"	JREF-	1S05917_Z06

(12639-:IMAGE - SIERRA-2 -- LOT 36 High Springs, FL - A11)

Top chord 2x4 SP #2 Dense :T4 2x4 SP #1 Dense:
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Calculated horizontal deflection is 0.30" due to live load and 0.13" due to dead load.

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.

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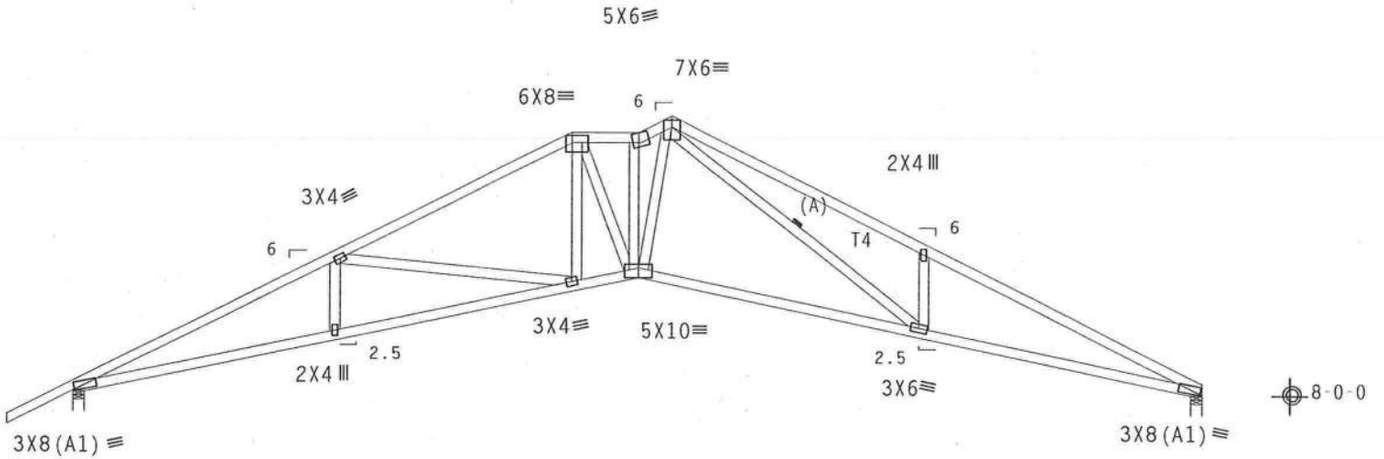

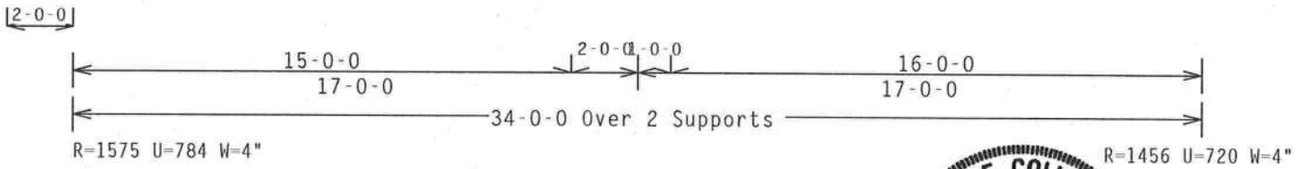

RIVERSIDE ROOF TRUSS, INC
386-325-7223
386-325-6443 Fax
P.O. Box 1739
Palatka, FL 32178-1739

JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

PLT TYP. Wave | Design Crit: TPI-2002(STD)/FBC | 7.11.01 6.21 | QTY: 1 | FL/-/2/-/-/R/- | Scale =.1875"/Ft.

ALPINE
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FL Certificate of Authorization # 567

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TC LL	20.0 PSF	REF	R917-- 32544
TC DL	7.0 PSF	DATE	09/02/05
BC DL	5.0 PSF	DRW	HCUSR917 05245147
BC LL	10.0 PSF		HC-ENG AK/DLJ
TOT.LD.	42.0 PSF	SEQN-	26388
DUR.FAC.	1.25	FROM	BF
SPACING	24.0"	JREF-	1SQ5917_Z06

(12639-:IMAGE - SIERRA-2 -- LOT 36 High Springs, FL - A12)

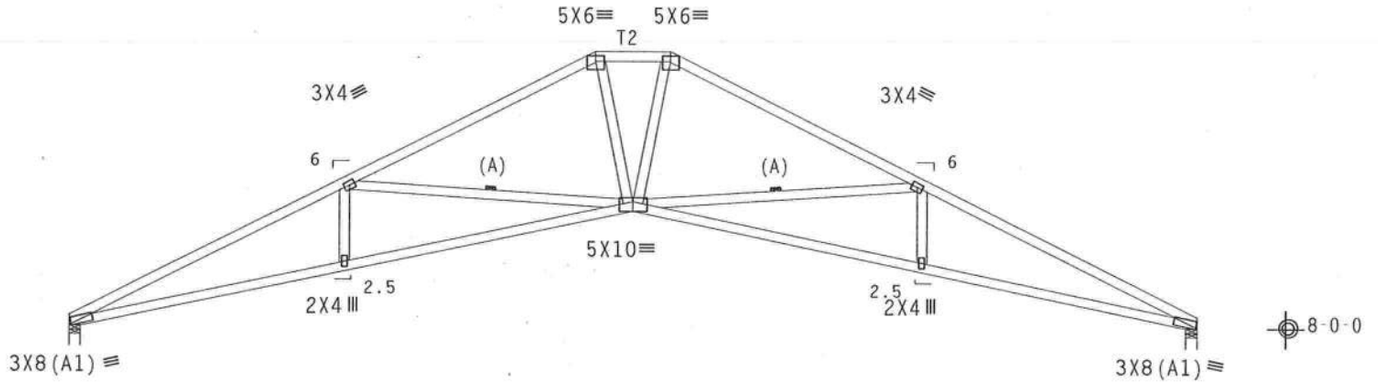
Top chord 2x4 SP #1 Dense :T2 2x4 SP #2 Dense:
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

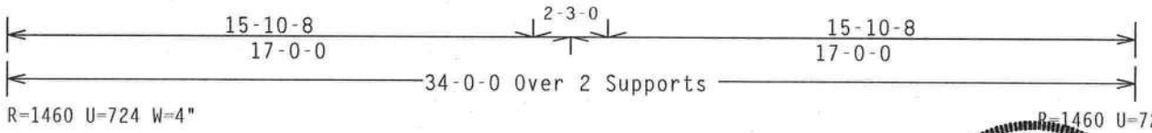
Calculated horizontal deflection is 0.29" due to live load and 0.13" due to dead load.

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 | 7.11.011.21 | No. 52212 TYP | FL/-/2/-/-/R/- | Scale =.1875"/Ft.

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

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

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 TPI1; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AF&PA) AND TPI1. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/S/K) ASTM A653 GRADE 40/60 (W, K/H,S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 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.

JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER 09 02 05

TC LL	20.0 PSF	REF R917-- 32545
TC DL	7.0 PSF	DATE 09/02/05
BC DL	5.0 PSF	DRW HCUSR917 05245148
BC LL	10.0 PSF	HC-ENG AK/DLJ *
TOT.LD.	42.0 PSF	SEQN- 26385
DUR.FAC.	1.25	FROM BF
SPACING	24.0"	JREF- 1S05917_Z06

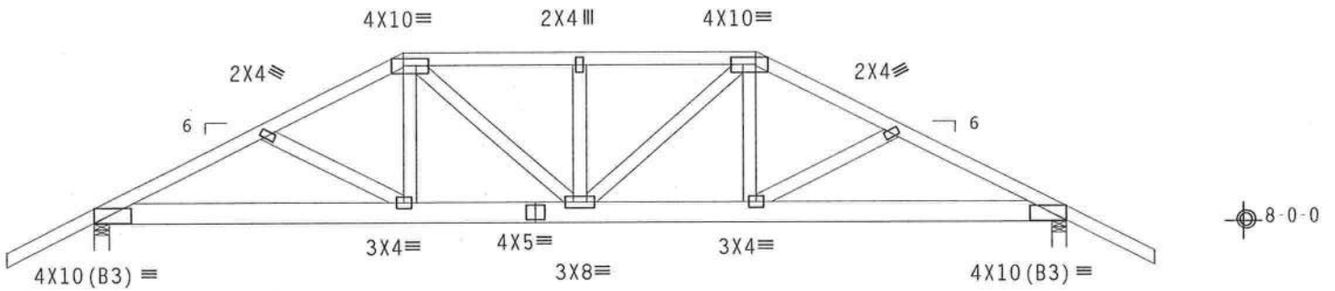
(12639-:IMAGE - SIERRA-2 -- LOT 36 High Springs, FL - B1)

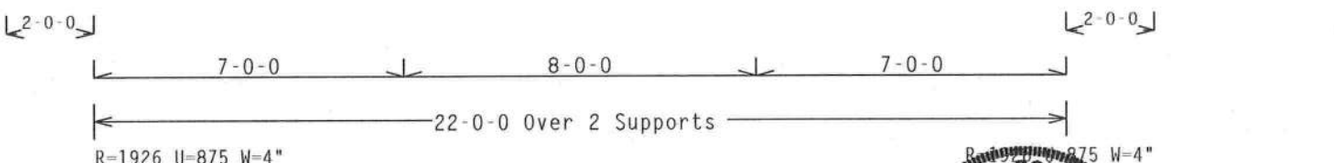
Top chord 2x4 SP #2 Dense
Bot chord 2x6 SP #1 Dense
Webs 2x4 SP #3

#1 hip supports 7-0-0 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

JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

PLT TYP. Wave | Design Crit: TPI-2002(STD)/FBC | 7.11.0116.21 | QTY: 1 | FL/-/2/-/-/R/- | Scale =.25"/Ft.

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

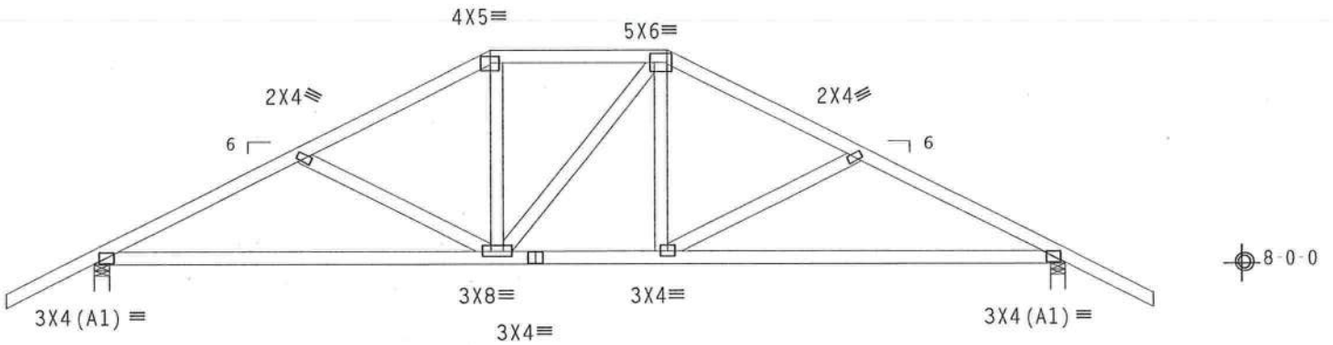
TC LL	20.0 PSF	REF	R917-- 32546
TC DL	7.0 PSF	DATE	09/02/05
BC DL	5.0 PSF	DRW	HCUSR917 05245025
BC LL	10.0 PSF	HC-ENG	SL/DLJ
TOT.LD.	42.0 PSF	SEQN-	113696
DUR.FAC.	1.25	FROM	BF
SPACING	24.0"	JREF-	1SQ5917_Z06

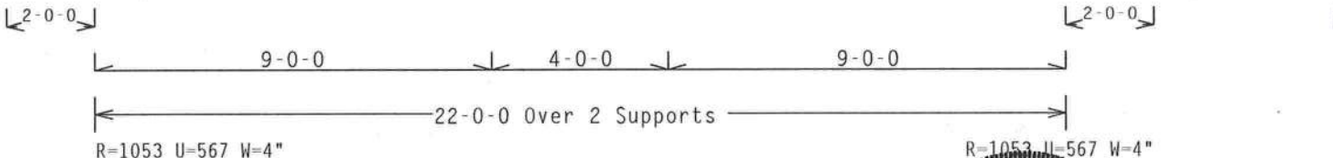
(12639-:IMAGE - SIERRA-2 -- LOT 36 High Springs, FL - B2)

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

JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER Sep 02 '05

PLT TYP. Wave | Design Crit: TPI-2002(STD)/FBC | 7.11.0115.21 | 20T-1 | FL/-/2/-/-/R/- | Scale =.25"/Ft.

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

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

IMPORTANTFURNISH 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 NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/S/K) ASTM A653 GRADE 40/60 (W, K/H,S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A3 OF TPII-2002 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.

TC LL	20.0 PSF	REF	R917-- 32547
TC DL	7.0 PSF	DATE	09/02/05
BC DL	5.0 PSF	DRW	HCUSR917 05245030
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-	1SQ5917_Z06

(12639-:IMAGE - SIERRA-2 -- LOT 36 High Springs, FL - B3)

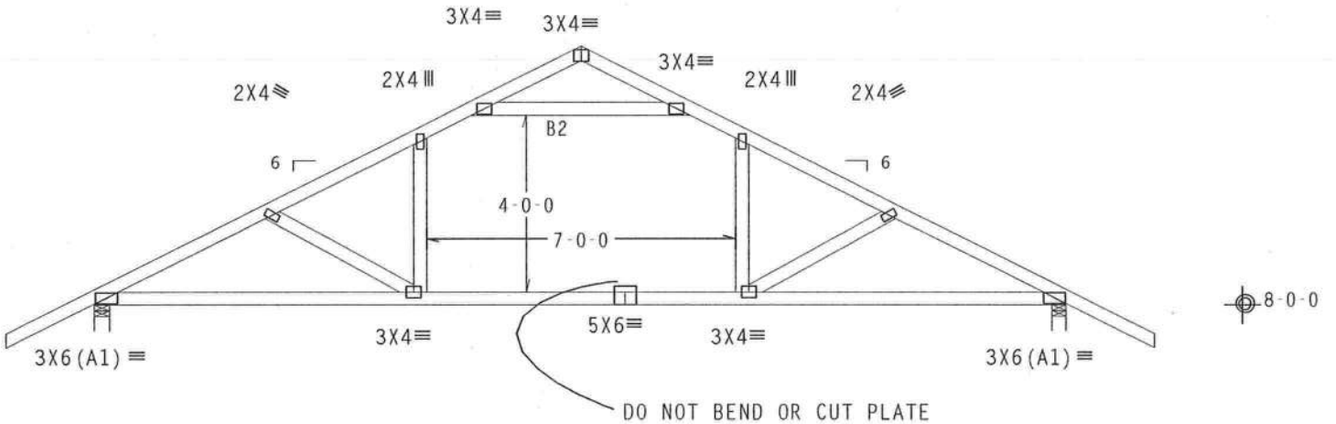
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #1 Dense :B2 2x4 SP #2 Dense:
Webs 2x4 SP #3

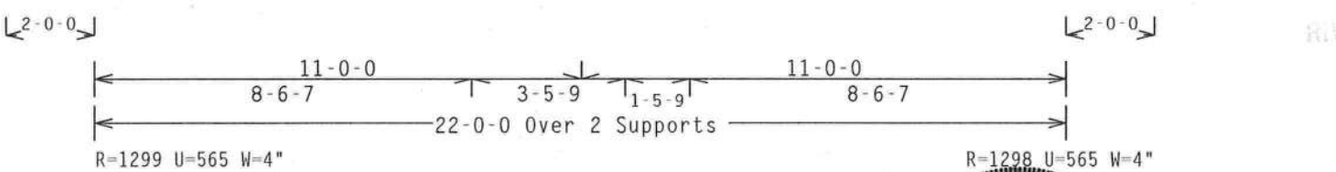
Collar-tie braced with continuous lateral bracing at 24" OC. or rigid ceiling.

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 | 7.11.01 | QTY: 1 | FL/-/2/-/-/R/- | Scale =.25"/Ft.

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

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
SEQ 02 05

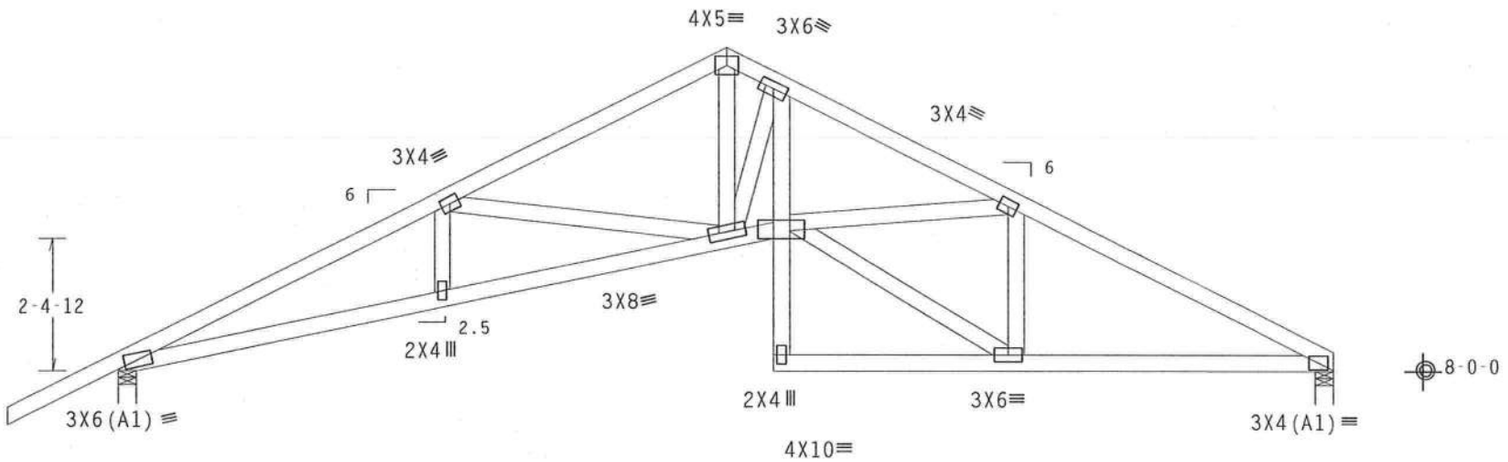
TC LL	20.0 PSF	REF	R917-- 32548
TC DL	7.0 PSF	DATE	09/02/05
BC DL	5.0 PSF	DRW	HCUSR917 05245034
BC LL	10.0 PSF		HC-ENG SL/DLJ
TOT.LD.	42.0 PSF	SEQN-	113745
DUR.FAC.	1.25	FROM	BF
SPACING	24.0"	JREF-	1SQ5917_Z06

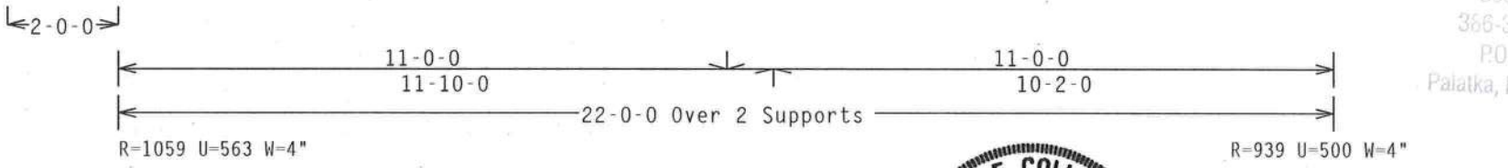
(12639-:IMAGE - SIERRA-2 -- LOT 36 High Springs, FL - B4)

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 | 7.11.0115.21 | QTY: 1 | FL/-/2/-/-/R/- | Scale =.3125"/Ft.

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

JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF R917-- 32549
TC DL	7.0 PSF	DATE 09/02/05
BC DL	5.0 PSF	DRW HCUSR917 05245149
BC LL	10.0 PSF	HC-ENG AK/DLJ
TOT.LD.	42.0 PSF	SEQN- 113937
DUR.FAC.	1.25	FROM BF
SPACING	24.0"	JREF- 1SQ5917_Z06

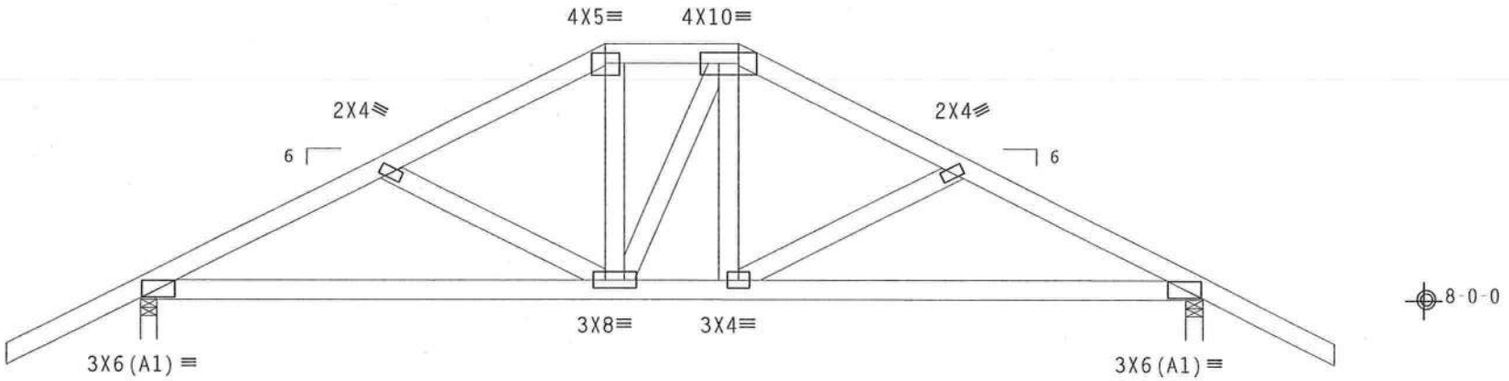
(12639-:IMAGE - SIERRA-2 -- LOT 36 High Springs, FL - C1)

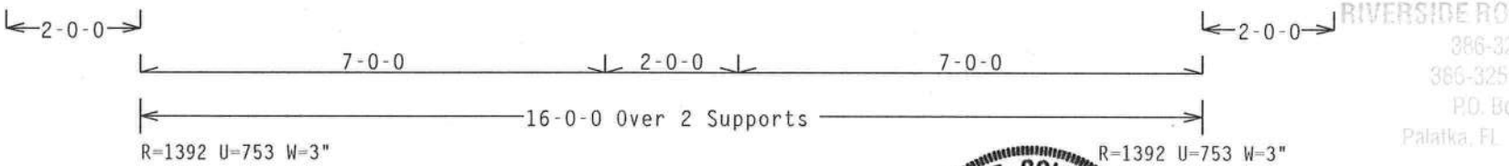
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

#1 hip supports 7-0-0 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
386-325-0443 Fax
P.O. Box 1739
Palatka, FL 32178-1739

PLT TYP. Wave | Design Crit: TPI-2002(STD)/FBC | 7.11.011 5.2 | QTY 1 | FL/-/2/-/-/R/- | Scale =.375"/Ft.

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

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

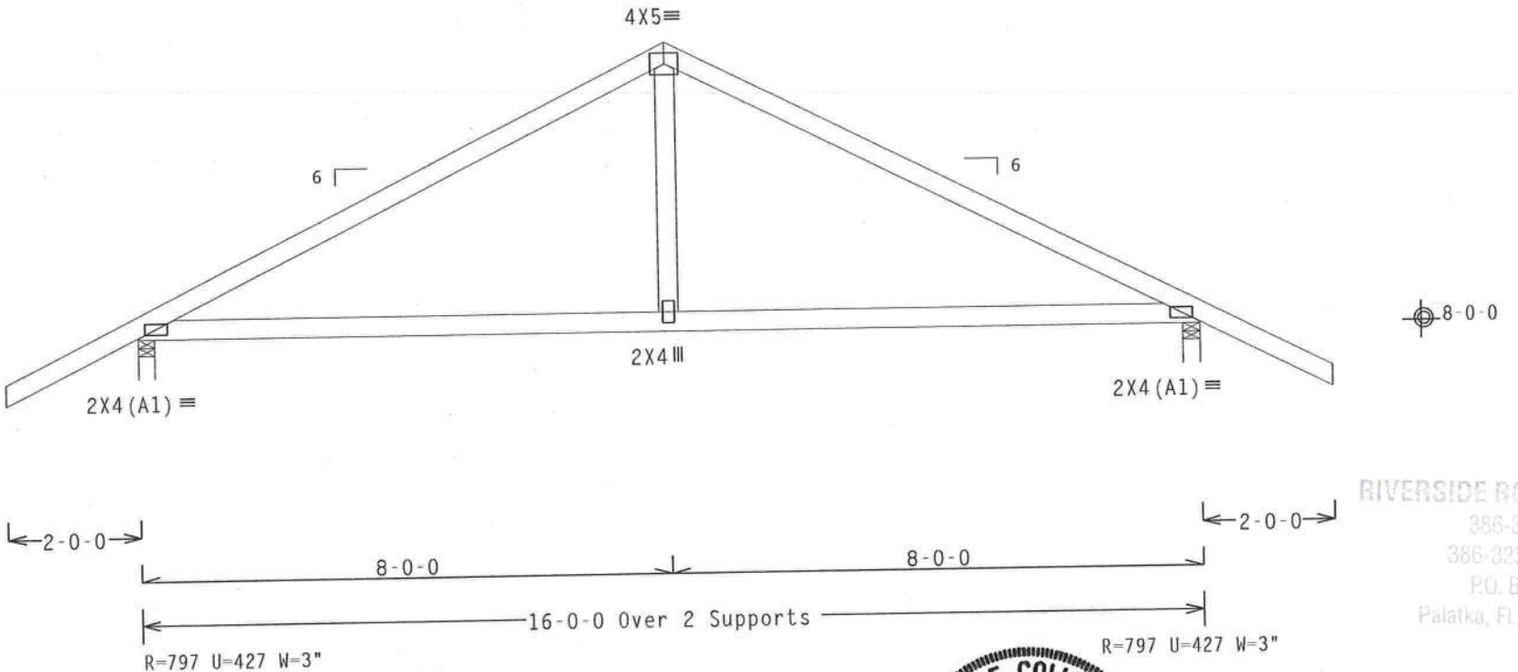
TC LL	20.0 PSF	REF	R917-- 32550
TC DL	7.0 PSF	DATE	09/02/05
BC DL	5.0 PSF	DRW	HCUSR917 05245027
BC LL	10.0 PSF	HC-ENG	SL/DLJ
TOT.LD.	42.0 PSF	SEQN-	113699
DUR.FAC.	1.25	FROM	BF
SPACING	24.0"	JREF-	1SQ5917_Z06

(12639-:IMAGE - SIERRA-2 -- LOT 36 High Springs, FL - C2)

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

7.11.01 5.41

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

Scale =.375"/Ft.

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

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ALPINE

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

JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER Sep 02, 05

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-- 32551
DATE	09/02/05
DRW	HCUSR917 05245029
HC-ENG	SL/DLJ *
SEQN-	113786
FROM	BF
JREF-	1SQ5917_Z06

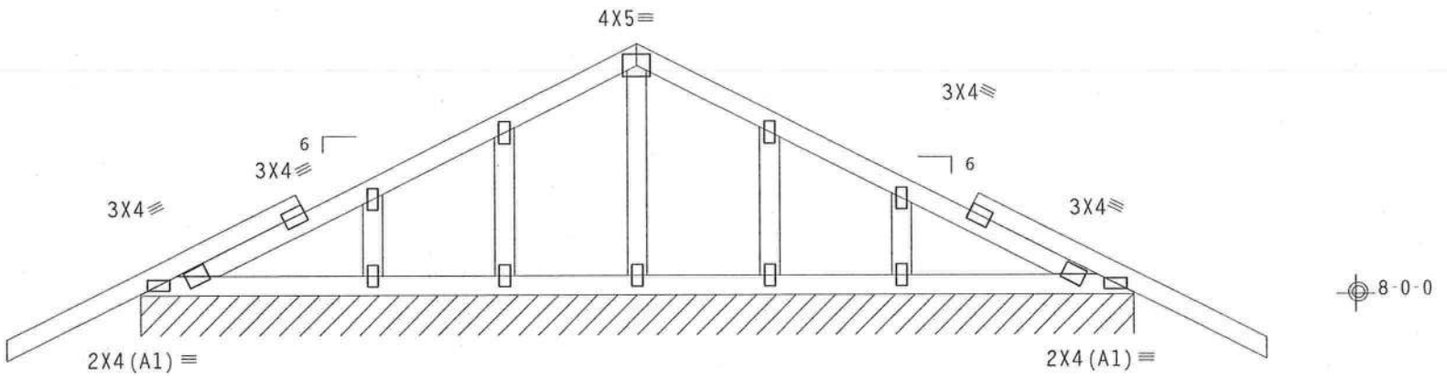
(12639-:IMAGE - SIERRA-2 -- LOT 36 High Springs, FL - D1)

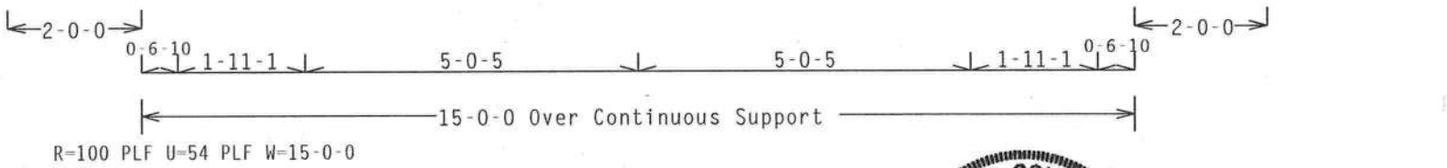
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

See DRW HCUSR001 02086015 for gable details.

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.





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

Note: All Plates Are 2X4 Except As Shown.

PLT TYP. Wave | Design Crit: TPI-2002(STD)/FBC | 7.11.01 | FL/-/2/-/-/R/- | Scale =.375"/Ft.

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

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

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 NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (M,H/S/K) ASTM A653 GRADE 40/60 (M, K/H,S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 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.

JAMES F. COLLINS, JR. LICENSE No. 52219 STATE OF FLORIDA PROFESSIONAL ENGINEER Sep 02 05

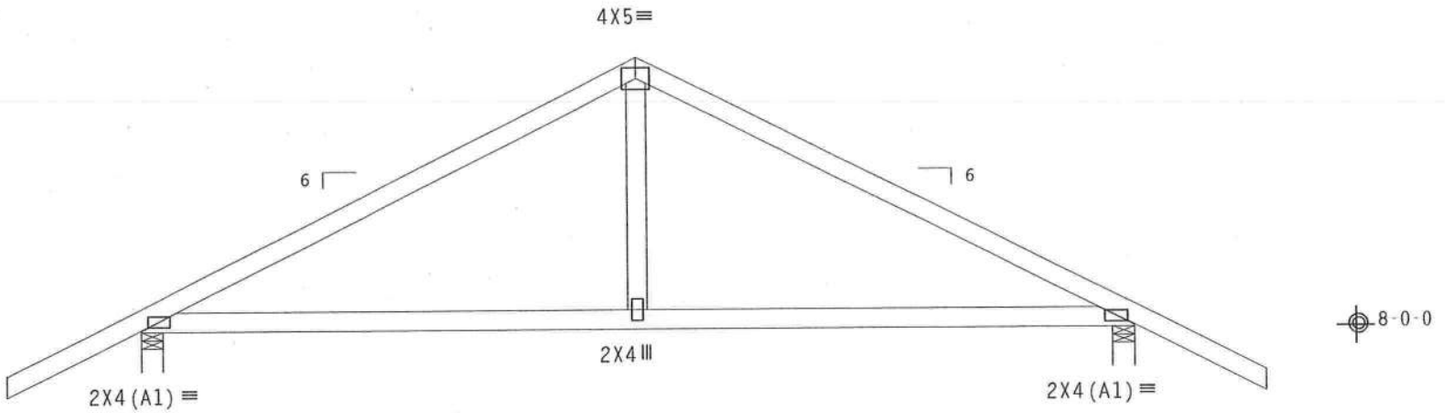
TC LL	20.0 PSF	REF	R917-- 32552
TC DL	7.0 PSF	DATE	09/02/05
BC DL	5.0 PSF	DRW	HCUSR917 05245031
BC LL	10.0 PSF	HC-ENG	SL/DLJ
TOT.LD.	42.0 PSF	SEQN-	113773
DUR.FAC.	1.25	FROM	BF
SPACING	24.0"	JREF-	1SQ5917_Z06

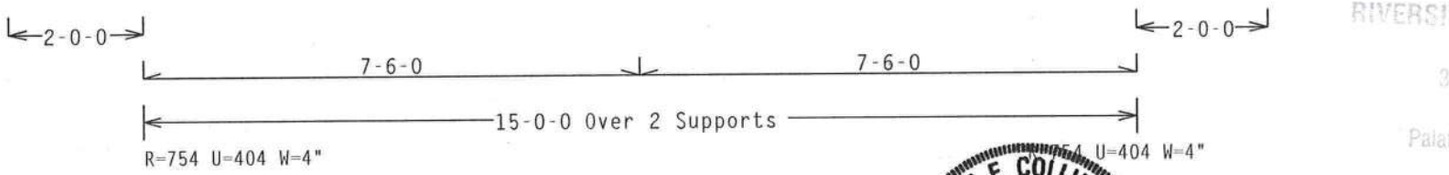
(12639-:IMAGE - SIERRA-2 -- LOT 36 High Springs, FL - D2)

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
PO Box 1739
Palatka, FL 32178-1739

JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

PLT TYP. Wave | Design Crit: TPI-2002(STD)/FBC | 7.11.0116.21 | QTY: 1 | FL/-/2/-/-/R/- | Scale =.375"/Ft.

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

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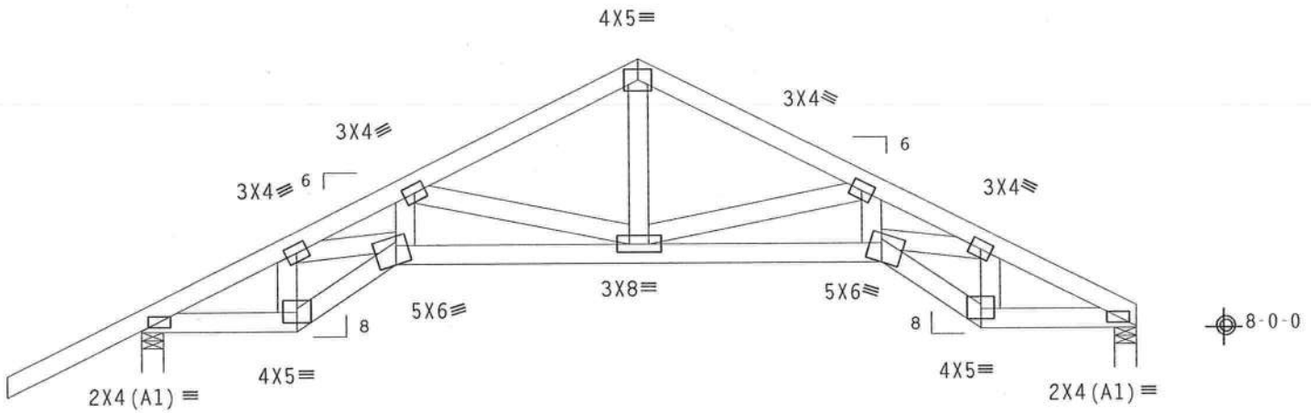
TC LL	20.0 PSF	REF	R917-- 32553
TC DL	7.0 PSF	DATE	09/02/05
BC DL	5.0 PSF	DRW	HCUSR917 05245032
BC LL	10.0 PSF	HC-ENG	SL/DLJ *
TOT.LD.	42.0 PSF	SEQN-	113776
DUR.FAC.	1.25	FROM	BF
SPACING	24.0"	JREF-	1SQ5917_Z06

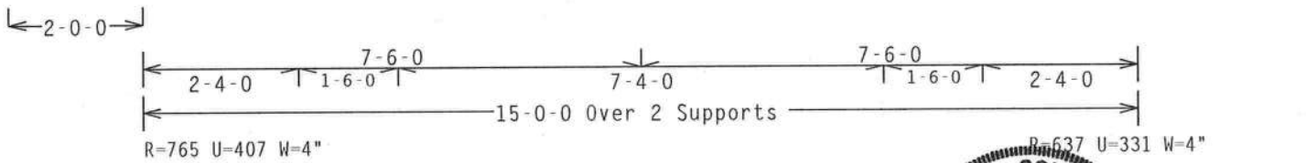
(12639-:IMAGE - SIERRA-2 -- LOT 36 High Springs, FL - D3)

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

JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

PLT TYP. Wave | Design Crit: TPI-2002(STD)/FBC | 7.11.0115.21 | TYP.1 | FL/-/2/-/-/R/- | Scale =.375"/Ft.

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

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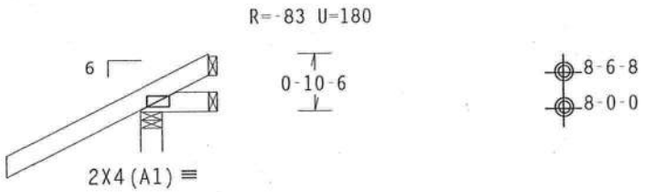
TC LL	20.0 PSF	REF	R917-- 32554
TC DL	7.0 PSF	DATE	09/02/05
BC DL	5.0 PSF	DRW	HCUSR917 05245033
BC LL	10.0 PSF	HC-ENG	SL/DLJ *
TOT.LD.	42.0 PSF	SEQN-	113780
DUR.FAC.	1.25	FROM	BF
SPACING	24.0"	JREF-	1SQ5917_Z06

(12639-:IMAGE - SIERRA-2 -- LOT 36 High Springs, FL - J1)

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

JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

PLT TYP. Wave | Design Crit: TPI-2002(STD)/FBC | 7.11.01 6.21 | QTY: 1 | FL/-/2/-/-/R/- | Scale =.375"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley 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"

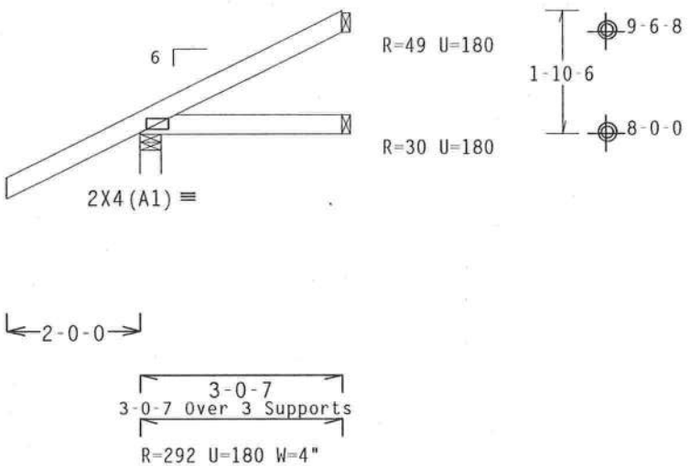
REF	R917-- 32555
DATE	09/02/05
DRW	HCUSR917 05245151
HC-ENG	AK/DLJ
SEQN-	26427
FROM	BF
JREF-	1SQ5917_Z06

(12639-:IMAGE - SIERRA-2 -- 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.



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 | 7.11.011 | No.52212 QTY 1 | FL/-/2/-/-/R/- | Scale =.375"/Ft.

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JAMES F. COLLINS JR. LICENSE STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 02 05

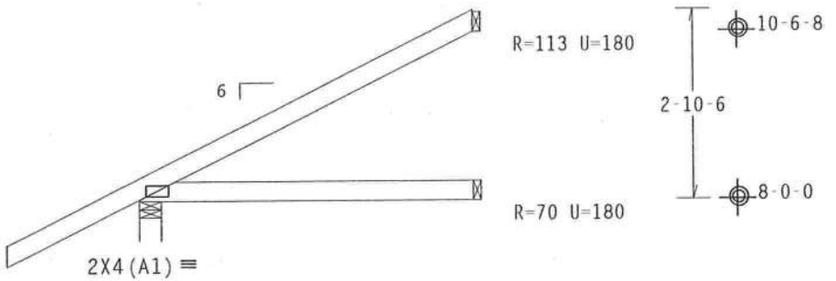
TC LL	20.0 PSF	REF	R917-- 32556
TC DL	7.0 PSF	DATE	09/02/05
BC DL	5.0 PSF	DRW	HCUSR917 05245150
BC LL	10.0 PSF	HC-ENG	AK/DLJ *
TOT.LD.	42.0 PSF	SEQN-	26431
DUR.FAC.	1.25	FROM	BF
SPACING	24.0"	JREF-	1SQ5917_Z06

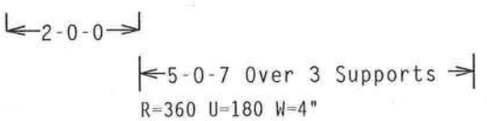
(12639-:IMAGE - SIERRA-2 -- LOT 36 High Springs, FL - J3)

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.





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386-325-7223
386-325-6443 Fax
P.O. Box 1739
Palatka, FL 32178-1739

PLT TYP. Wave | Design Crit: TPI-2002(STD)/FBC | 7.11.011.2 | FL/-/2/-/-/R/- | Scale =.375"/Ft.

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

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-- 32557
DATE	09/02/05
DRW	HCUSR917 05245037
HC-ENG	SL/DLJ *
SEQN-	113721
FROM	BF
JREF-	1SQ5917_Z06

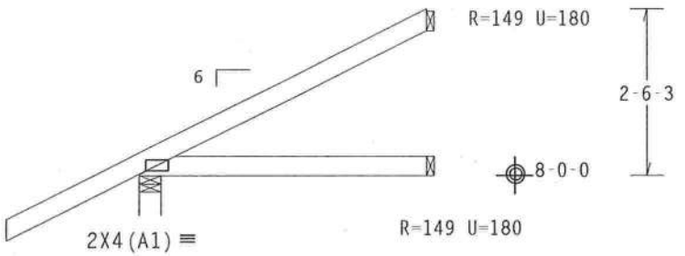
(12639-:IMAGE - SIERRA-2 -- LOT 36 High Springs, FL - J4)

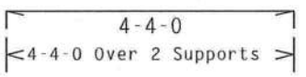
Top chord 2x4 SP #1 Dense
Bot chord 2x4 SP #2 Dense

Calculated horizontal deflection is 0.66" due to live load and 0.09" due to dead 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.

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





R=334 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 | 7.11.011 .21 | No.52212 QTY 1 | FL/-/2/-/-/R/- | Scale =.375"/Ft.

ALPINE

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

JAMES F. COLLINS, JR. LICENSE No.52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
09/02/05

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"

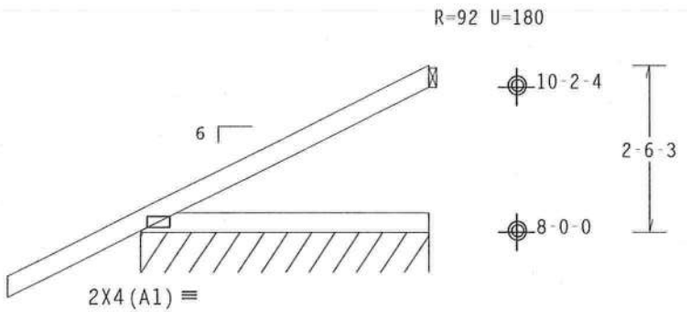
REF	R917-- 32558
DATE	09/02/05
DRW	HCUSR917 05245152
HC-ENG	AK/DLJ
SEQN-	26444
FROM	BF
JREF-	1SQ5917_Z06

(12639-:IMAGE - SIERRA-2 -- LOT 36 High Springs, FL - J5)

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.



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386-325-6443 Fax
P.O. Box 1739
Palatka, FL 32178-1739

PLT TYP. Wave | Design Crit: TPI-2002(STD)/FBC | 7.11.011 | QTY: 1 | FL/-/2/-/-/R/- | Scale =.375"/Ft.

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

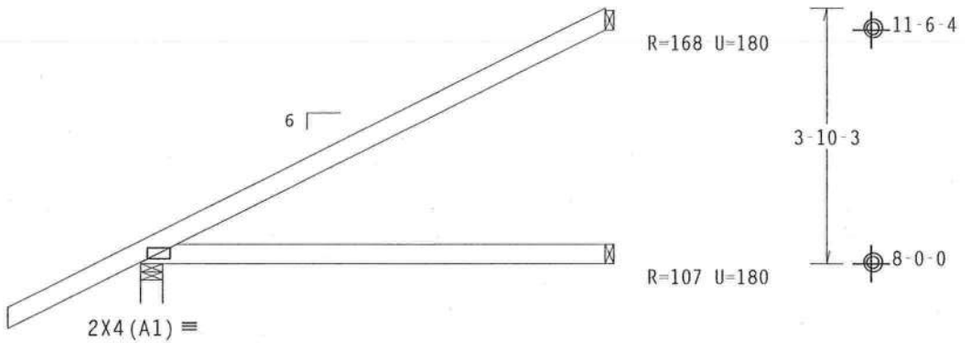
LC LL	20.0 PSF	REF	R917-- 32559
TC DL	7.0 PSF	DATE	09/02/05
BC DL	5.0 PSF	DRW	HCUSR917 05245153
BC LL	10.0 PSF		HC-ENG AK/DLJ
TOT.LD.	42.0 PSF	SEQN-	26447
DUR.FAC.	1.25	FROM	BF
SPACING	24.0"	JREF-	1SQ5917_Z06

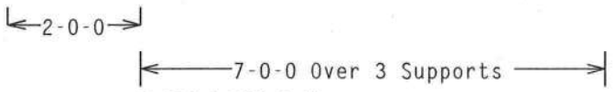
(12639-:IMAGE - SIERRA-2 -- LOT 36 High Springs, FL - J6)

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.





PLT TYP. Wave | Design Crit: TPI-2002(STD)/FBC | 7.11.011.2 | QTY 1 | FL/-/2/-/-/R/- | Scale =.375"/Ft.

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

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

IMPORTANTFURNISH 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 NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/S/K) ASTM A653 GRADE 40/60 (W, K/H,S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 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.

JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF	R917-- 32560
TC DL	7.0 PSF	DATE	09/02/05
BC DL	5.0 PSF	DRW	HCUSR917 05245038
BC LL	10.0 PSF	HC-ENG	SL/DLJ *
TOT.LD.	42.0 PSF	SEQN-	113718
DUR.FAC.	1.25	FROM	BF
SPACING	24.0"	JREF-	1SQ5917_Z06

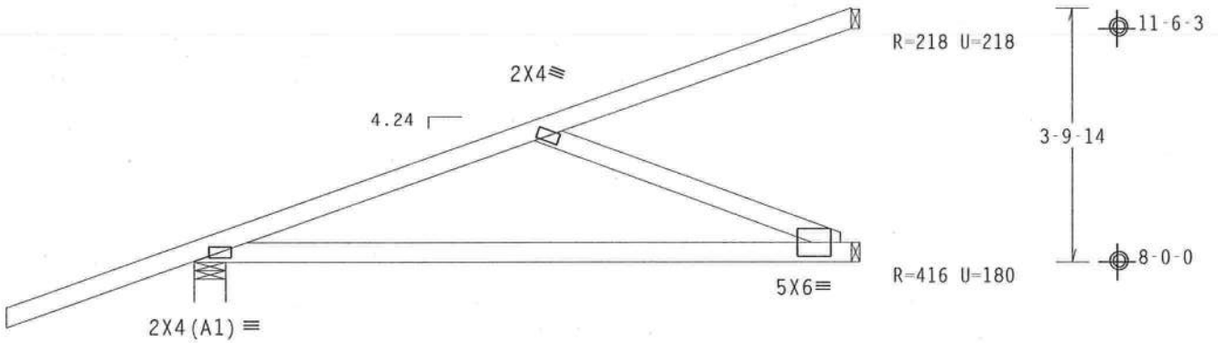
(12639-:IMAGE - SIERRA-2 -- LOT 36 High Springs, FL - CJ1)

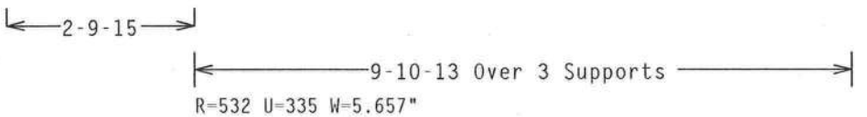
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Hipjack supports 7-0-0 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 | 7.11.0115.21 | QTY: 1 | FL/-/2/-/-/R/- | Scale =.375"/Ft.

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

JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF	R917-- 32561
TC DL	7.0 PSF	DATE	09/02/05
BC DL	5.0 PSF	DRW	HCUSR917 05245036
BC LL	10.0 PSF	HC-ENG	SL/DLJ
TOT.LD.	42.0 PSF	SEQN-	113712
DUR.FAC.	1.25	FROM	BF
SPACING	24.0"	JREF-	1SQ5917_Z06

(12639-:IMAGE - SIERRA-2 -- LOT 36 High Springs, FL - CJ2)

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

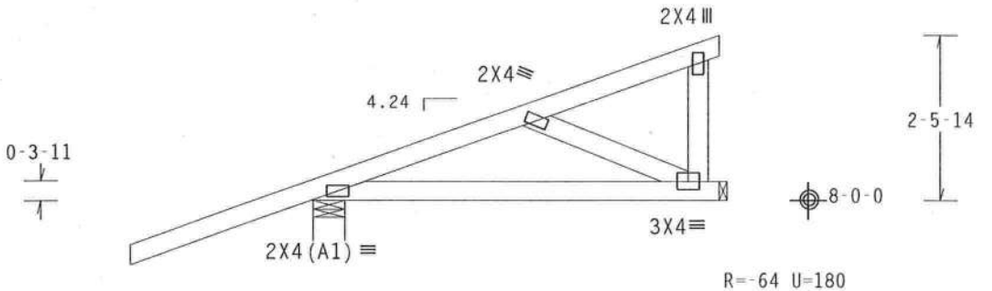
The following trusses need concentrated loads at the end of their overhangs: 4-4-6 span/setback member on the 1-11-8 cant side requires 83 lbs and the 4-4-6 span/setback member on the 1-11-8 cant side requires 83 lbs.

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

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.

Sub-fascia beam assumptions: 6-3-8 sub-fascia beam on the 1-11-8 cantilever side. 6-3-8 sub-fascia beam on the 1-11-8 cantilever side.

Hipjack supports 4-4-6 setback jacks with 1-11-8 cantilever one face; 1-11-8 cantilever opposite face.



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

JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER SEP 07 '05

PLT TYP. Wave | Design Crit: TPI-2002(STD)/FBC | 7.11.01 6:21 | QTY: 1 | FL/-/2/-/-/R/- | Scale =.375"/Ft.

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

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

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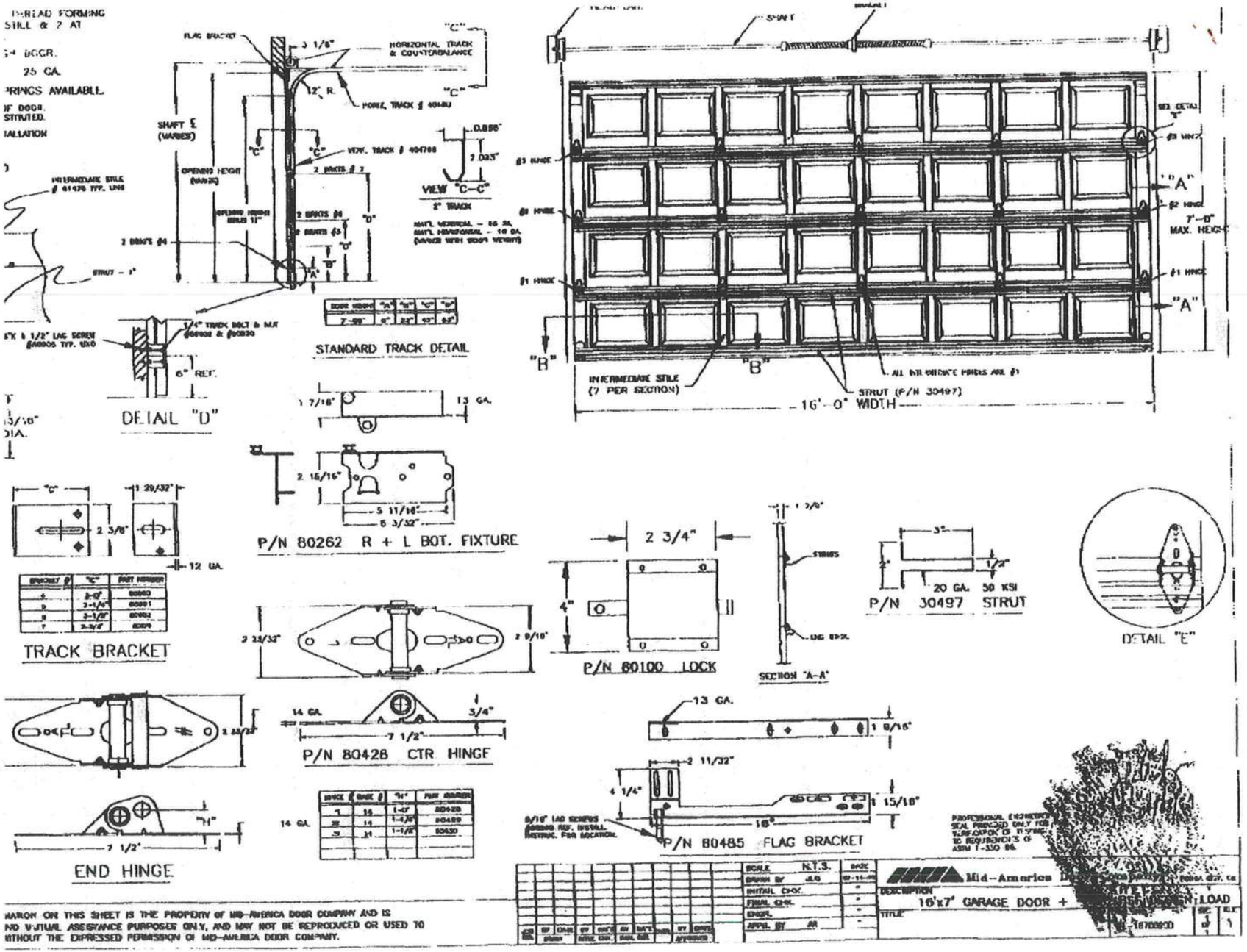
TC LL	20.0 PSF	REF	R917-- 32562
TC DL	7.0 PSF	DATE	09/02/05
BC DL	5.0 PSF	DRW	HCUSR917 05245154
BC LL	10.0 PSF	HC-ENG	AK/DLJ
TOT.LD.	42.0 PSF	SEQN-	113941
DUR.FAC.	1.25	FROM	BF
SPACING	24.0"	JREF-	1S05917_Z06



1. 5 SERIES POSITI
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4. TORSION SPRINGS
5. SLIDE LOCKS MUST
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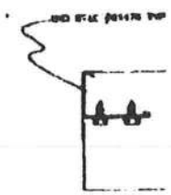
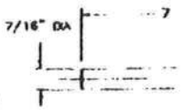
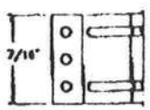




P/N 80441

P/N 80798
1/4"-20 x 6/8

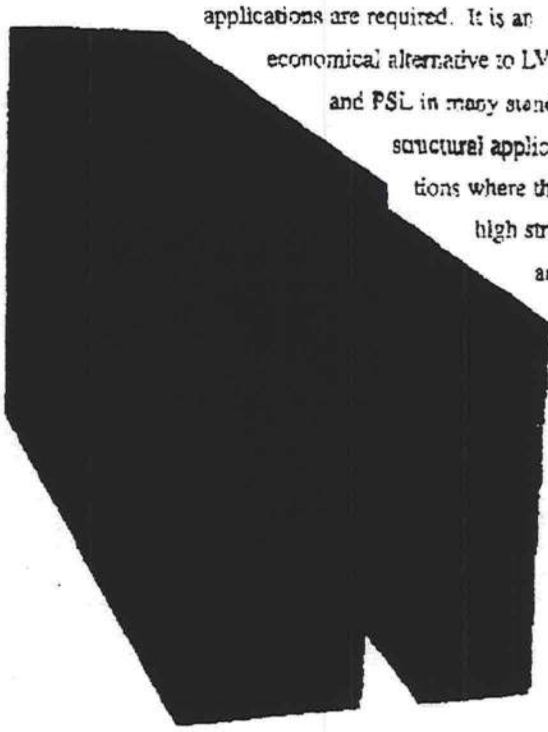


P/N 80448

NOTES: THIS DRAWING
LOANED IN CON
MANUFACTURE

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 A190.1-1992 (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.

Table of Contents

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'	550/750	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'	480/540	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] Parallam® Design Values: F_b=2900 psi, F_v=290 psi, MOE=2,000,000 psi Parallam® 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:

$C_v = K_L[(21/L) \times (12/d) \times (5.125/b)] \leq 1.0$

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.

	KL
SINGLE SPAN BEAM:	
Concentrated load at mid span	1.09
Uniformly distributed loads	1.0
Two equal concentrated loads at 1/3 points of span	0.96
CONTINUOUS BEAM OR CANTILEVER:	
All loading conditions	1.0

24F Glulam Section Properties (LSF, 270Fv)

3 1/8" Beam Width

Depth	3 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_{dh} factor (L=21')	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
I (in⁴)	146	232	347	494	677	901	1170	1487
Moment Capacity (lbs-ft)	7090	9650	12606	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	7.6	8.9	10.2	11.4	12.7	14.0	15.2	16.5
C_{dh} factor (L=21')	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
I (in⁴)	164	260	388	553	758	1009	1310	1666
Moment Capacity	7941	10808	1411	17866	22057	26689	31763	37277
Shear Capacity	5198	6064	?	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_{dh} factor (L=21')	0.998	0.993	0.988	0.984	0.980	0.977	0.973	0.970
I (in⁴)	809	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	15221	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	15 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	31.9
C_{dh} factor (L=21')	0.995	0.990	0.985	0.981	0.977	0.973	0.970	0.967
I (in⁴)	869	1191	1586	2059	2613	3269	4021	4880
Moment Capacity (lbs-ft)	28076	34661	41940	49913	58578	67926	77988	88733
Shear Capacity (lbs)	12251	13613	14974	16335	17696	19058	20419	21780
Shear Capacity (lbs)	21733	23708	25684	23708	25684	27660	29636	31611

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_{dh} factor (L=21')	0.975	0.967	0.963	0.960	0.957	0.954	0.951	0.949	0.946	0.944
I (in⁴)	1946	1487	1858	2295	2773	3526	3948	10401	12132	14044
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

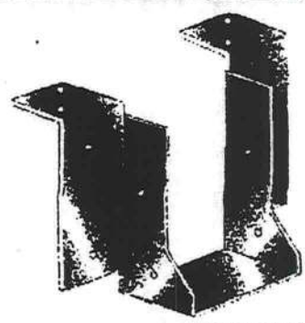
8 3/4" Beam Width

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	41.3	44.4	47.6	50.8	54.0	57.1	60.3	63.5	60.7
C_{dh} factor (L=21')	0.962	0.954	0.951	0.948	0.945	0.942	0.939	0.936	0.934	0.932
I (in⁴)	2523	4165	5201	6397	7764	9313	11055	13032	15164	17555
Moment Capacity (lbs-ft)	66723	93192	108081	124073	141167	159364	178664	199057	220573	243182
Shear Capacity (lbs)	23822	28153	30319	32484	34550	36816	38931	41147	43313	45478

Typical Hangers

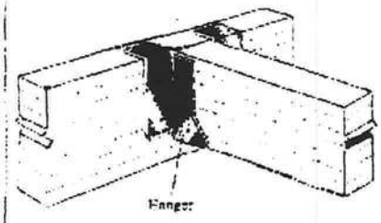
Face Mount Hanger

Top Mount Hanger

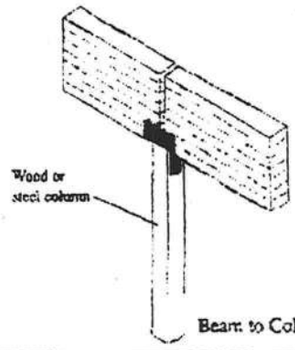


Top Mount Hanger

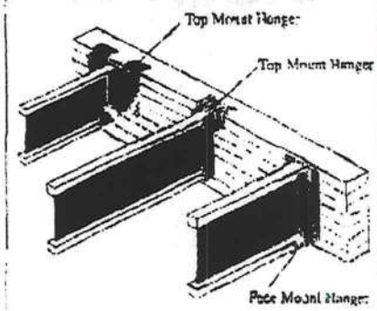
Typical Connections



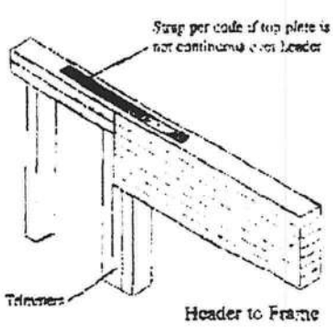
Beam to Beam



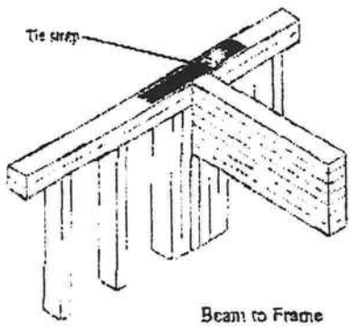
Beam to Column



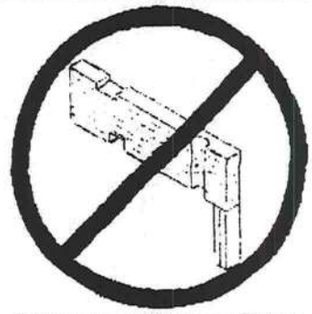
Floor Beam to Joist



Header to Frame



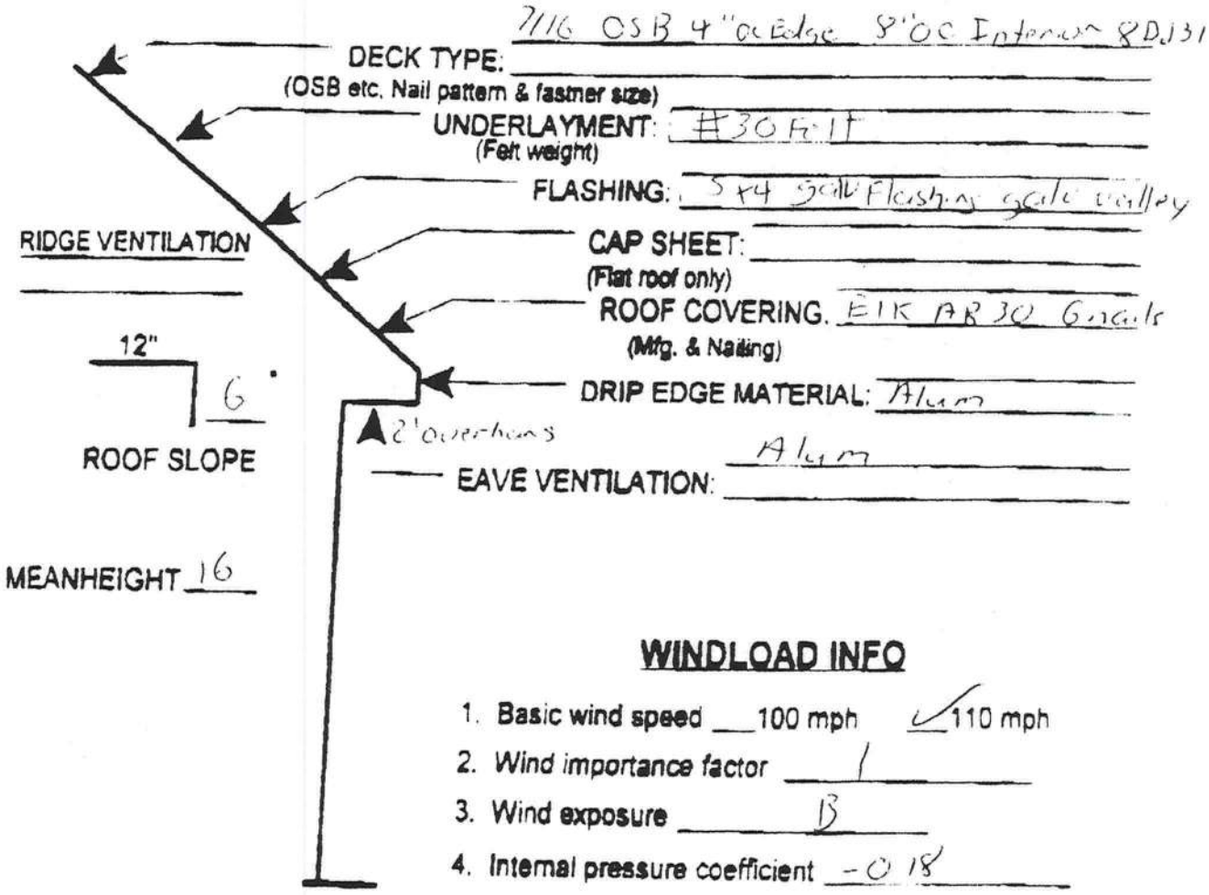
Beam to Frame



Do not cut or drill Anthony Glulams
without tech note support

ROOFING. WINDOW & DOOR REQUIREMENTS

ROOF SYSTEM DESCRIPTION



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

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		

HEADER	MATERIAL	SIZE	UPLIFT	STRAP	NAILS	UPLIFT
1	DOUBLE 2X12	3'	180	2-LSTA	16-10D	2410
2	DOUBLE 2X12	3'	565	2-LSTA	16-10D	2410
3	DOUBLE 2X12	6'	54	2-LSTA	16-10D	2410
4	DOUBLE 2X12	6'	2350	2-LSTA	16-10D	2410
5	DOUBLE 2X12	3'	670	2-LSTA	16-10D	2410
6	DOUBLE 2X12	6'	865	2-LSTA	16-10D	2410
7	DOUBLE 2X12	3'	180	2-LSTA	16-10D	2410
8	DOUBLE 2X12	3'	180	2-LSTA	16-10D	2410
9	DOUBLE 2X12	5'	1339	2-LSTA	16-10D	2410
10	DOUBLE 2X12	3'	784	2-LSTA	16-10D	2410
11	DOUBLE 2X12	3'	784	4-LSTA	16-10D	4820
12	DOUBLE 2X12	12'	2153	4-LSTA	16-10D	4820
13	DOUBLE 2X12	23	1880	4-LSTA	16-10D	4820
14	DOUBLE 2X12	12'	2153	2-LSTA	16-10D	2410
15	DOUBLE 2X12			2-LSTA	16-10D	2410
16	DOUBLE 2X12			2-LSTA	16-10D	2410
17	DOUBLE 2X12			2-LSTA	16-10D	2410
18	DOUBLE 2X12			2-LSTA	16-10D	2410
19	3 1/2 X 14 GLUE LAM	16'	2080	4-LSTA	16-10D	4820
Total Amount						

LOT-17 TRUSS#	UPLIFT	H_STRAP	UPLIFT	NAILS
A-1	1106/1106	H-16	1265	12-10D
A-2	774/774	H-16	1265	12-10D
A-3	708/7774	H-16	1265	12-10D
A-4	682/746	H-16	1265	12-10D
A-5	670/679	H-16	1265	12-10D
A-6	669/678	H-16	1265	12-10D
A-7	783/720	H-16	1265	12-10D
A-8	783/720	H-16	1265	12-10D
A-9	784/720	H-16	1265	12-10D
A-10	784-720	H-16	1265	12-10D
A-11	784/720	H-16	1265	12-10D
A-12	724/724	H-16	1265	12-10D
B-1	875/875	H-16	1265	12-10D
B-2	567/567	H-16	1265	12-10D
B-3	565/565	H-16	1265	12-10D
B-4	561/505	H-16	1265	12-10D
C-1	753/753	H-16	1265	12-10D
C-2	427/427	H-16	1265	12-10D
D-1	54	LSTA	1015	18-10D
D-2	404/404	H-16	1265	12-10D
D-3	407/331	H-16	1265	12-10D
J-1	180	H-16	1265	12-10D
J-2	*180*	H-16	1265	12-10D
J-3	*180*	H-16	1265	12-10D
J-4	*200*	H-16	1265	12-10D
J-5	*180*	H-16	1265	12-10D
J-6	*200*	H-16	1265	12-10D
CJ1	*335*	H-16	1265	12-10D
CJ2	*425*	H-16	1265	12-10D
Total Amount				

Duct System Summary
Entire House
Bounds Heating & Air

Job: 1618 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 17 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	2207	104	124	0.100	7	16x 3	VlFx	0.0	0.0	
Master Bath	h	1795	81	33	0.100	6	16x 2	VlFx	0.0	0.0	
WIC	c	159	5	9	0.100	4	16x 0	VlFx	0.0	0.0	
Kitchen	c	2511	73	141	0.100	8	16x 4	VlFx	0.0	0.0	
Dining	c	2538	113	142	0.100	8	16x 4	VlFx	0.0	0.0	
Master Bedroom	h	5052	227	207	0.100	9	16x 5	VlFx	0.0	0.0	
Family Room	c	3643	169	204	0.100	9	16x 5	VlFx	0.0	0.0	
Bedroom 3	h	3650	164	128	0.100	8	16x 4	VlFx	0.0	0.0	
Bath	h	737	33	15	0.100	4	16x 1	VlFx	0.0	0.0	
Bedroom 2	h	3650	164	130	0.100	8	16x 4	VlFx	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		VlFx	

Bold/italic values have been manually overridden

Short Form
Entire House
Bounds Heating & Air

Job: 1618 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 17 Thornwood,

Design Information

	Htg	Clg
Outside db (°F)	33	94
Inside db (°F)	70	75
Design TD (°F)	37	19
Daily range	-	M
Inside humidity (%)	-	50
Moisture difference (gr/lb)	-	49

Infiltration

Method	Simplified
Construction quality	Tight
Fireplaces	0

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	0.045	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	0.056	cfm/Btuh
Static pressure	1.00	in H2O
Load sensible heat ratio	0.85	

ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
Laundry	80	2312	2207	104	124
Master Bath	128	1795	583	81	33
WIC	78	100	159	5	9
Kitchen	121	1633	2511	73	141
Dining	132	2510	2538	113	142
Master Bedroom	240	5052	3687	227	207
Family Room	391	3761	3643	169	204
Bedroom 3	191	3650	2288	164	128
Bath	66	737	263	33	15
Bedroom 2	191	3650	2326	164	130

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

Entire House	d	1618	25200	20205	1133	1133
Other equip loads			2456	2099		
Equip. @ 0.99 RSM				22081		
Latent cooling				3959		
TOTALS		1618	27656	26040	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 High Definition	01-1226.04	7/12/2006	FL728
Prestique I	03-0306.14	10/2/2008	
Prestique Plus / Gallery	01-1226.03	7/12/2006	
Capstone	01-0523.01	7/12/2006	
Starter Strip	01-0411.10	8/9/2006	
Seal - A - Ridge	02-0919.07	10/17/2007	

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

DCD
2/4/04
Rev. A

User: Andrew Davis - Not Associated with Organization -

Product Manufacturer: Capitol

Category: Windows

Subcategory:

Application Seq #:

(### or ###.#)

Application Status: (ALL)

Evaluation Method: (ALL)

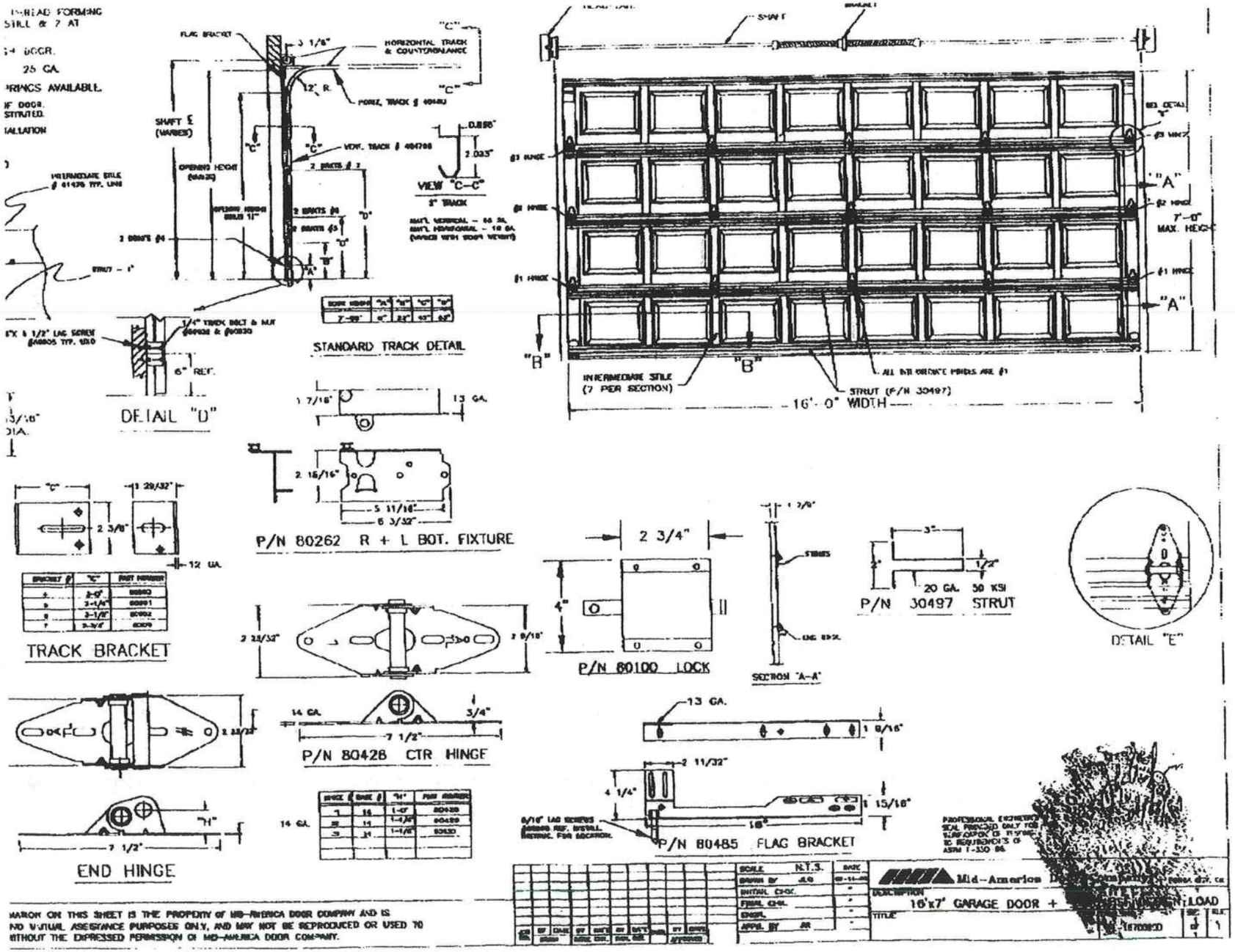
New Product | Search

Page: Go

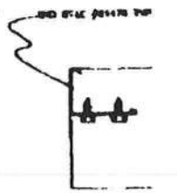
App/Seq #	Manufacturer	Category	Subcategory	Validation Entity	Status
FL681	Capitol	Windows	Fixed		Approved
FL685	Capitol	Windows	Horizontal Slider		Approved
FL880	Capitol	Windows	Factory Twins Mullions	Architectural Testing, Inc (717) 764-7700	Applied For
FL675	Capitol	Windows	Single Hung		Approved

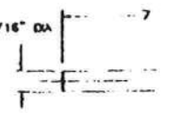
Page: Go

New Product



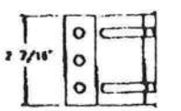
1. 5 SERIES POSTS
SCREWS 1/4"-20
INTERMEDIATE SH
2. FOUR 21" SECTI
3. ALL SECTIONS E
4. TORSION SPRING
5. SLIDE LOCKS MUST
CAM & BAR LOCK
6. WHERE THIS BRACK
INSTRUCTIONS, TH

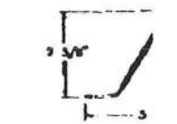




P/N 80441

P/N 80798





P/N 80448

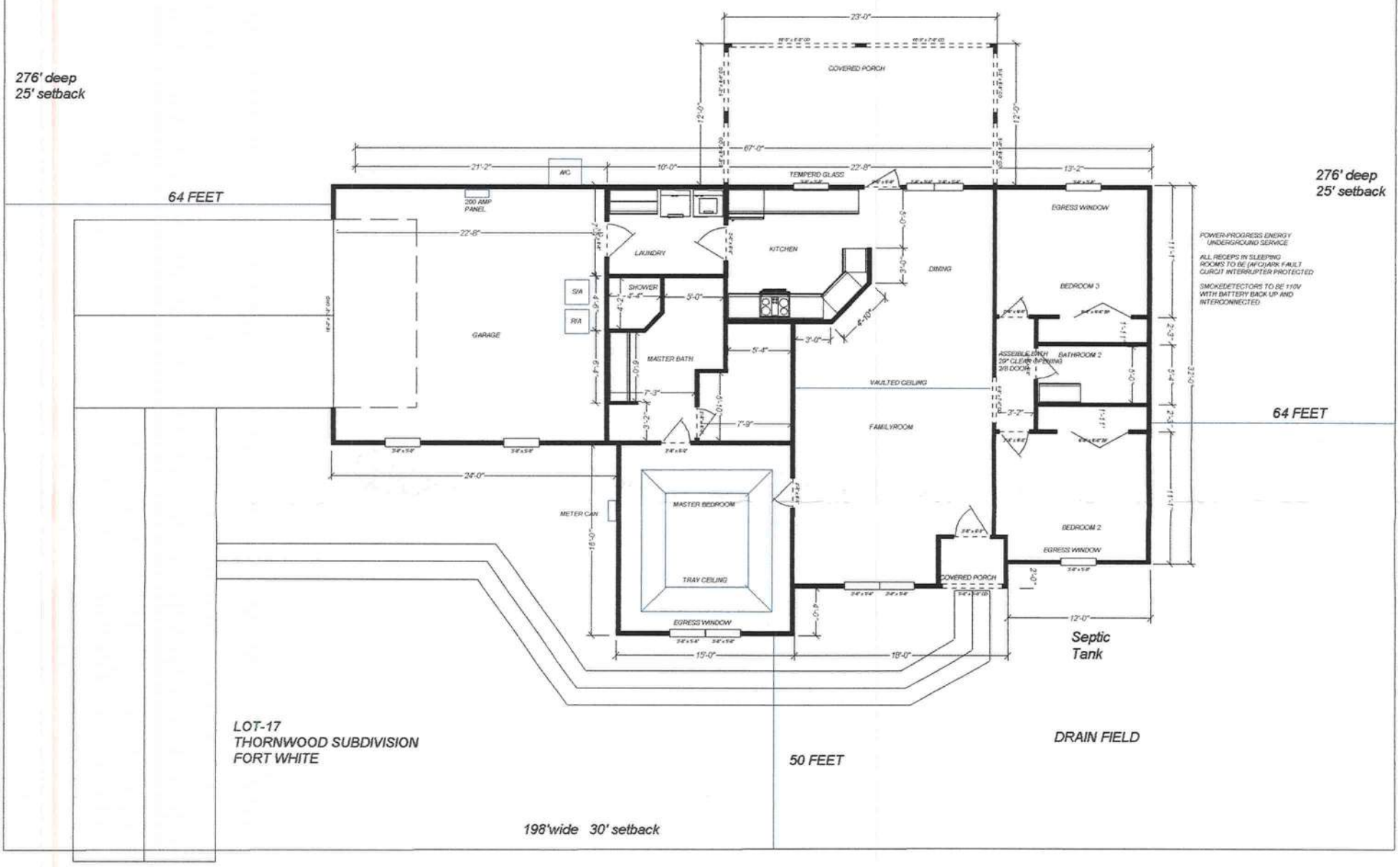
NOTES: THIS DRAWING
LOADED IN CO
MANUFACTURE

198' wide 25' setback

276' deep
25' setback

64 FEET

276' deep
25' setback



SW THISTLEWOOD LANE