

DATE 11/30/2005

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000023912

APPLICANT JACKIE NORRIS PHONE 758.3663
ADDRESS 351 NW CORWIN GLEN LAKE CITY FL 32055
OWNER GEORGE WALTERS PHONE
ADDRESS 455 SW GREENWOOD TERRACE FT. WHITE FL 32038
CONTRACTOR JOHN D.NORRIS PHONE 386.758.3663
LOCATION OF PROPERTY 47-S TO US 27,TL GO 1/4 MILE TO C18,TL GO 1/2 MILE & TL
ON GREENWOOD TERRACE, LAST LOT ON R.
TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 90450.00
HEATED FLOOR AREA 1809.00 TOTAL AREA 2651.00 HEIGHT 18.00 STORIES 1
FOUNDATION CONC WALLS FRAMED ROOF PITCH 6'12 FLOOR CONC
LAND USE & ZONING FORT WHITE MAX. HEIGHT 35
Minimum Set Back Requirments: STREET-FRONT REAR SIDE
NO. EX.D.U. 0 FLOOD ZONE FW DEVELOPMENT PERMIT NO.

PARCEL ID 34-6S-16-04056-113 SUBDIVISION THORNWOOD
LOT 13 BLOCK PHASE UNIT TOTAL ACRES 1.00

RG0066597
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
FORT WHITE 05-1101-N JTH N
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: TOWN OF FT. WHITE

Check # or Cash 3538

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

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

BUILDING PERMIT FEE \$ 455.00 CERTIFICATION FEE \$ 13.26 SURCHARGE FEE \$ 13.26
MISC. FEES \$.00 ZONING CERT. FEE \$ FIRE FEE \$.00 WASTE FEE \$
FLOOD DEVELOPMENT FEE \$ FLOOD ZONE FEE \$ CULVERT FEE \$ TOTAL FEE 481.52
INSPECTORS OFFICE CLERKS OFFICE

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.

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # ↑ Date Received ↑ By ↑ Permit # 23912
 Application Approved by - Zoning Official ↑ Date ↑ Plans Examiner ↑ Date ↑
 Flood Zone _____ Development Permit _____ Zoning FW White Land Use Plan Map Category FW White
 Comments Town of Ft. White

Applicants Name JACKIE NORRIS / JOHN NORRIS Phone 386.758 3663
 Address 351 NW CORWIN GLEN, LAKE CITY, FL 32055
 Owners Name GEORGE WALTERS Phone _____
 911 Address 455 SW GREENWOOD TERRACE, Ft. White, FL 32038
 Contractors Name JOHN NORRIS Phone 386.758.3663
 Address 351 NW CORWIN GLEN, LAKE CITY, FL 32055
 Fee Simple Owner Name & Address _____
 Bonding Co. Name & Address _____
 Architect/Engineer Name & Address MARTY ESKRIDGE - IMAGE DEV. GROUP, LLC
 Mortgage Lenders Name & Address CAPITOL CITY
 Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
 Property ID Number 34-65-16-04056-113 Estimated Cost of Construction 140,000
 Subdivision Name THORNWOOD Lot 13 Block _____ Unit _____ Phase _____
 Driving Directions SO 475 TO US 27, TL GO 1/4 MILE TO C-18, TL GO 1/2 MILE TURN L ON GREENWOOD TERRACE, LAST LOT ON R.

Type of Construction SFO Number of Existing Dwellings on Property 8
 Total Acreage 1.00 Lot Size _____ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
 Actual Distance of Structure from Property Lines - Front 50' Side 28' Side 48' Rear 200'
 Total Building Height 18' Number of Stories 1 Heated Floor Area 1809 Roof Pitch 4/12
PORCHES 314 GARAGE 528 TOTAL 2651

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

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

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

Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
this 30th day of NOVEMBER 2010
nally known _____ or Produced Identification _____

Contractor Signature John Norris
 Contractors License Number RG10066597
 Competency Card Number 6556
 NOTARY STAMP
 Bonded thru Notary Public Underwriters
 Notary Signature [Signature]

Columbia County Building Permit Application

Revised 9-

For Office Use Only Application # 05-10-74 Date Received 10/25 By Robert Clark Permit # 11-28-05
Application Approved by - Zoning Official _____ Date _____ Plans Examiner OK 5TH Date 11-02
Flood Zone _____ Development Permit _____ Zoning _____ Land Use Plan Map Category _____
Comments Down 2 ft white - 1st

Applicants Name Image Development Group Phone 352-538-9692
Address 27607 N CR 1491 Alachua FL 32615
Owners Name George Walters Phone _____
911 Address 455 SW Greenwood Terr Fort White
Contractors Name Robert Clark Phone 352-538-9692
Address 27607 NCR 1491 Alachua FL 32615
Fee Simple Owner Name & Address _____
Bonding Co. Name & Address NA
Architect/Engineer Name & Address NA
Mortgage Lenders Name & Address Capitol City
Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive En
Property ID Number 34-6S-16-04056-113 Estimated Cost of Construction 140,000
Subdivision Name thorn wood Lot 13 Block _____ Unit _____ Phase _____
Driving Directions take SR47 South to Fort White turn Left on SR22 go 1/4 mile
turn Left on CR 18 go 1/2 mile turn Left on SW Greenwood Terr
last lot on Right
Type of Construction New home Number of Existing Dwellings on Property 0
Total Acreage 1 Lot Size _____ Do you need a Culvert Permit or Culvert Waiver or Have an Existing
Actual Distance of Structure from Property Lines - Front 50 Side 28 Side 48 Rear 200+
Total Building Height 18' Number of Stories 1 Heated Floor Area 1809 Roof Pitch 6/12
PORCHES 314 GARAGE 528 TOTAL 2651

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 all laws regulating construction in this jurisdiction.

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

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

Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
COUNTY OF COLUMBIA



Lawanda Y. Collins
MY COMMISSION # DD246441 EXPIRES
October 29, 2007
BONDED THRU TROY FAIR INSURANCE, INC.

Sworn to (or affirmed) and subscribed before me

this 25 day of Oct 2005

C462711693640
FDL ID

Contractor Signature

Contractors License Number _____

Competency Card Number _____

NOTARY STAMP/SEAL

Lawanda Y. Collins

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

JOHN NORRIS

Project Name: **LOT 13**
Address:
City, State: ,
Owner:
Climate Zone: **North**

Builder:
Permitting Office: **Columbia**
Permit Number: **23912**
Jurisdiction Number: **22000**

- | | |
|--|---|
| <p>1. New construction or existing New —
2. Single family or multi-family Single family —
3. Number of units, if multi-family 1 —
4. Number of Bedrooms 3 —
5. Is this a worst case? Yes —
6. Conditioned floor area (ft²) 1809 ft² —
7. Glass type¹ and area: (Label reqd. by 13-104.4.5 if not default)
 a. U-factor: Description Area
 (or Single or Double DEFAULT) 7a. (Dble Default) 214.0 ft² —
 b. SHGC:
 (or Clear or Tint DEFAULT) 7b. (Clear) 214.0 ft² —
8. Floor types
 a. Slab-On-Grade Edge Insulation R=4.0, 258.0(p) ft —
 b. N/A —
 c. N/A —
9. Wall types
 a. Frame, Wood, Exterior R=13.0, 1666.0 ft² —
 b. Frame, Wood, Adjacent R=13.0, 394.0 ft² —
 c. N/A —
 d. N/A —
 e. N/A —
10. Ceiling types
 a. Under Attic R=30.0, 1809.0 ft² —
 b. N/A —
 c. N/A —
11. Ducts
 a. Sup: Unc. Ret: Unc. AH: Garage Sup. R=6.0, 165.0 ft —
 b. N/A —</p> | <p>12. Cooling systems
 a. Central Unit Cap: 34.0 kBtu/hr
SEER: 10.00 —
 b. N/A —
 c. N/A —
13. Heating systems
 a. Electric Heat Pump Cap: 34.0 kBtu/hr
HSPF: 7.00 —
 b. N/A —
 c. N/A —
14. Hot water systems
 a. Electric Resistance Cap: 50.0 gallons
EF: 0.92 —
 b. N/A —
 c. Conservation credits
 (HR-Heat recovery, Solar
 DHP-Dedicated heat pump) —
15. HVAC credits
 (CF-Ceiling fan, CV-Cross ventilation,
 HF-Whole house fan,
 PT-Programmable Thermostat,
 MZ-C-Multizone cooling,
 MZ-H-Multizone heating) —</p> |
|--|---|

Glass/Floor Area: 0.12

Total as-built points: 27521
Total base points: 28068

PASS

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

PREPARED BY: SUNCONST Insulation

DATE: 8-23-05

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

OWNER/AGENT: _____

DATE: _____

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

BUILDING OFFICIAL: _____

DATE: _____



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

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE				AS-BUILT						
WATER HEATING										
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X	Tank X Ratio	Multiplier X Credit	= Total
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
9345		10818		7905	28068	9511		10105		7905	27521

PASS



WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE			AS-BUILT						
Winter Base Points: 17242.7			Winter As-Built Points: 16598.5						
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	
17242.7	0.6274	10818.1	(sys 1: Electric Heat Pump 34000 btuh ,EFF(7.0) Ducts:Unc(S),Unc(R),Gar(AH),R6.0 16598.5 1.000 (1.069 x 1.169 x 1.00) 0.487 1.000 10104.6						
			16598.5	1.00	1.250	0.487	1.000	10104.6	

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned X BWPM = Points Floor Area				Type/SC Overhang Omt Len Hgt Area X WPM X WOF = Point							
.18	1809.0	12.74	4148.4	Double, Clear	W	2.0	6.0	65.0	20.73	1.04	1404.9
				Double, Clear	N	2.0	6.0	9.0	24.58	1.00	222.2
				Double, Clear	E	2.0	6.0	140.0	18.79	1.06	2790.3
				As-Built Total:				214.0		4417.4	
WALL TYPES Area X BWPM = Points				Type		R-Value		Area X WPM = Points			
Adjacent	394.0	3.60	1418.4	Frame, Wood, Exterior		13.0		1666.0	3.40	5664.4	
Exterior	1666.0	3.70	6164.2	Frame, Wood, Adjacent		13.0		394.0	3.30	1300.2	
Base Total:		2060.0	7582.6	As-Built Total:				2060.0	6964.6		
DOOR TYPES Area X BWPM = Points				Type				Area X WPM = Points			
Adjacent	20.0	11.50	230.0	Exterior Insulated				28.0	8.40	235.2	
Exterior	28.0	12.30	344.4	Adjacent Insulated				20.0	8.00	160.0	
Base Total:		48.0	574.4	As-Built Total:				48.0	395.2		
CEILING TYPESArea X BWPM = Points				Type		R-Value		Area X WPM X WCM = Points			
Under Attic	1809.0	2.05	3708.4	Under Attic		30.0		1809.0	2.05 X 1.00		3708.4
Base Total:		1809.0	3708.4	As-Built Total:				1809.0	3708.4		
FLOOR TYPES Area X BWPM = Points				Type		R-Value		Area X WPM = Points			
Slab	258.0(p)	8.9	2296.2	Slab-On-Grade Edge Insulation		4.0		258.0(p)	8.45	2180.1	
Raised	0.0	0.00	0.0								
Base Total:			2296.2	As-Built Total:				258.0	2180.1		
INFILTRATION Area X BWPM = Points								Area X WPM = Points			
		1809.0	-0.59					1809.0	-0.59	-1067.3	

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT									
Summer Base Points: 21905.7				Summer As-Built Points: 22289.5									
Total Summer Points	X	System Multiplier	= Cooling Points	Total Component (System - Points)	X	Cap Ratio (DM x DSM x AHU)	X	Duct Multiplier	X	System Multiplier	X	Credit Multiplier	= Cooling Points
21905.7		0.4266	9345.0	(sys 1: Central Unit 34000 btuh ,SEER/EFF(10.0) Ducts:Unc(S),Unc(R),Gar(AH),R6.0(INS) 22289 1.00 (1.09 x 1.147 x 1.00) 0.341 1.000 9511.0 22289.5 1.00 1.250 0.341 1.000 9511.0									

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Omt Len Hgt			Area X SPM X SOF = Points			
.18	1809.0	20.04	6525.4	Double, Clear	W	2.0	6.0	65.0	38.52	0.85	2126.9
				Double, Clear	N	2.0	6.0	9.0	19.20	0.90	155.5
				Double, Clear	E	2.0	6.0	140.0	42.06	0.85	4993.9
				As-Built Total:			214.0			7276.4	
WALL TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	394.0	0.70	275.8	Frame, Wood, Exterior	13.0		1666.0	1.50	2499.0		
Exterior	1666.0	1.70	2832.2	Frame, Wood, Adjacent	13.0		394.0	0.60	236.4		
Base Total:		2060.0	3108.0	As-Built Total:		2060.0		2735.4			
DOOR TYPES Area X BSPM = Points				Type	Area X SPM = Points						
Adjacent	20.0	2.40	48.0	Exterior Insulated			28.0	4.10	114.8		
Exterior	28.0	6.10	170.8	Adjacent Insulated			20.0	1.60	32.0		
Base Total:		48.0	218.8	As-Built Total:		48.0		146.8			
CEILING TYPES Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points				
Under Attic	1809.0	1.73	3129.6	Under Attic	30.0		1809.0	1.73 X 1.00	3129.6		
Base Total:		1809.0	3129.6	As-Built Total:		1809.0		3129.6			
FLOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Slab	258.0(p)	-37.0	-9546.0	Slab-On-Grade Edge Insulation	4.0		258.0(p)	-36.70	-9468.6		
Raised	0.0	0.00	0.0								
Base Total:			-9546.0	As-Built Total:		258.0		-9468.6			
INFILTRATION Area X BSPM = Points				Area X SPM = Points							
		1809.0	10.21			1809.0		10.21	18469.9		

ENERGY PERFORMANCE LEVEL (EPL)
DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 82.8
The higher the score, the more efficient the home.

1. New construction or existing New
2. Single family or multi-family Single family
3. Number of units, if multi-family 1
4. Number of Bedrooms 3
5. Is this a worst case? Yes
6. Conditioned floor area (ft²) 1809 ft²
7. Glass type¹ and area: (Label reqd. by 13-104.4.5 if not default)
a. U-factor: Description Area
(or Single or Double DEFAULT) 7a. (Dble Default) 214.0 ft²
b. SHGC: 7b. (Clear) 214.0 ft²
8. Floor types
a. Slab-On-Grade Edge Insulation R=4.0, 258.0(p) ft
b. N/A
c. N/A
9. Wall types
a. Frame, Wood, Exterior R=13.0, 1666.0 ft²
b. Frame, Wood, Adjacent R=13.0, 394.0 ft²
c. N/A
d. N/A
e. N/A
10. Ceiling types
a. Under Attic R=30.0, 1809.0 ft²
b. N/A
c. N/A
11. Ducts
a. Sup: Unc. Ret: Unc. AH: Garage Sup. R=6.0, 165.0 ft
b. N/A
12. Cooling systems
a. Central Unit Cap: 34.0 kBtu/hr SEER: 10.00
b. N/A
c. N/A
13. Heating systems
a. Electric Heat Pump Cap: 34.0 kBtu/hr HSPF: 7.00
b. N/A
c. N/A
14. Hot water systems
a. Electric Resistance Cap: 50.0 gallons EF: 0.92
b. N/A
c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)
15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, 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. EnergyGauge® (Version: FLRCSB v4.0)



STATE OF FLORIDA
DEPARTMENT OF HEALTH

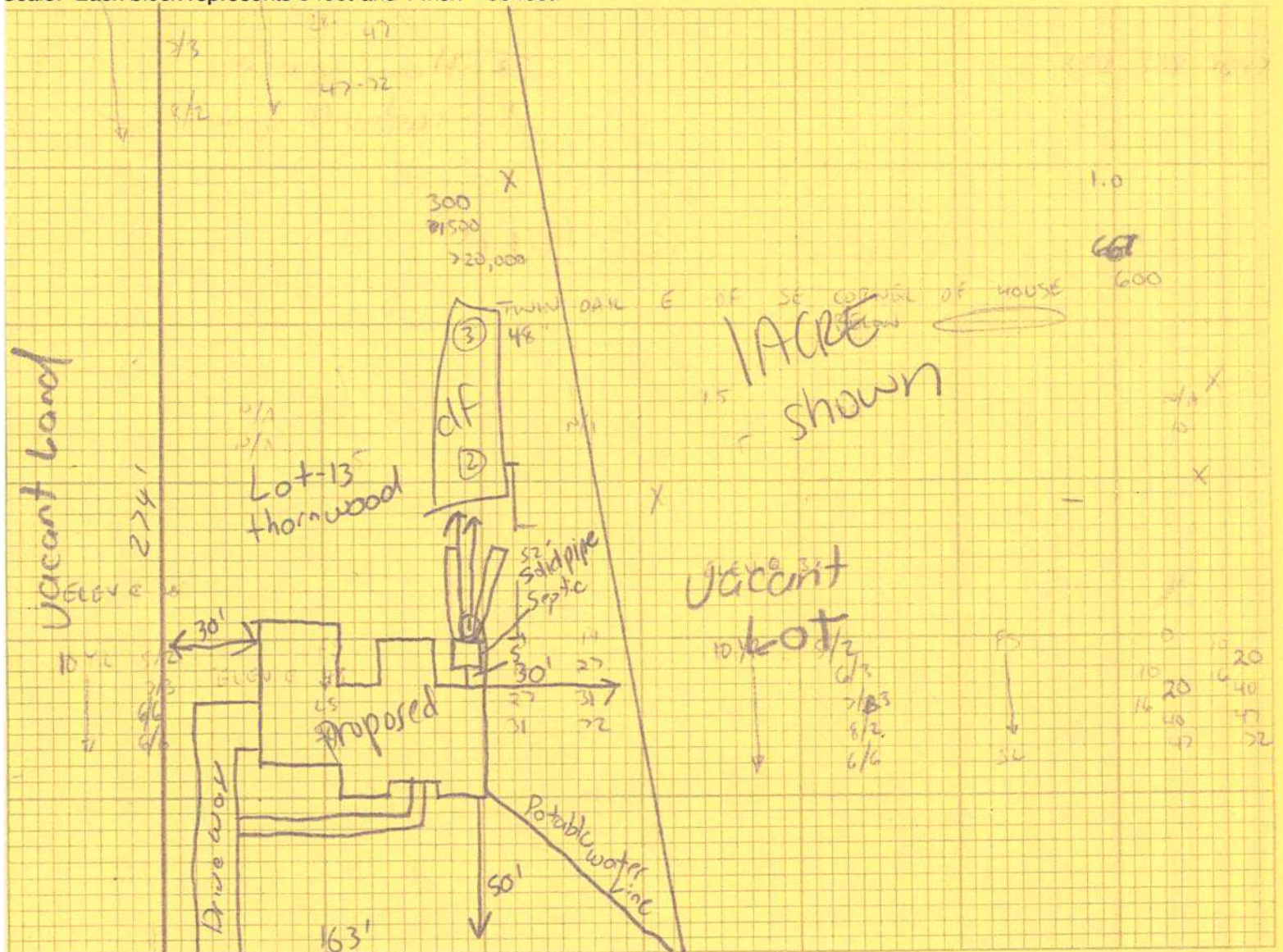
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number

05-1101N

PART II - SITE PLAN

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



Notes:

Site Plan submitted by:

Signature

Title

Plan Approved ☒

Not Approved ☐

Date

By

COLUMBIA

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

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

BOARD OF COUNTY COMMISSIONERS • COLUMBIA COUNTY



November 28, 2005

Robert Clark
27607 N CR 1491
Alachua, FL 32615

Dear Mr. Clark,

The building permit for Thornwood Lot 13 was approved on 11-2-05 by our Plans Examiner and is in the building department ready to be issued to Mr. Clark.

A handwritten signature in black ink, which appears to read "Joe Haltiwanger". The signature is written in a cursive, flowing style.

Joe Haltiwanger, Plans Examiner
Columbia County Building Department

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

P. O. BOX 1529 ▼

LAKE CITY, FLORIDA 32056-1529 ▼

PHONE (386) 755-4100

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-16-04056-113
(parcel number if possible) 455 SW Greenwood Terr. Fort White, FL 32038

DEVELOPMENT: Single Family Dwelling

You are hereby authorized to issue the appropriate building permits.

10/24/05
DATE

Janis S. Reuels (Ka)
LAND DEVELOPMENT REGULATION
ADMINISTRATOR
TOWN OF FORT WHITE

District #1
Donald Cook
497-1086

District #2
Henry Maini
497-2992

District #3
John Gloskowski
497-3999

District #4
Demetric Jackson
497-2078

Mayor
Truett George
497-4741

Prepared by and return to:

Kelley D. Jones

Attorney at Law

Kelley D. Jones, P.A.

5800 N.W. 39th Avenue Ste 102

Gainesville, FL 32606

352-377-2004

File Number: 05-243

Inst:2005020464 Date:08/23/2005 Time:10:55

Doc Stamp-Deed : 210.00

ML DC, P. DeWitt Cason, Columbia County B:1055 P:2627

[Space Above This Line For Recording Data]

Warranty Deed

This Warranty Deed made this 11th day of August, 2005 between Image Development Group, LLC, a Florida Limited Liability Corporation whose post office address is 20074 N.W. 258th Drive, High Springs, FL 32643, grantor, and George W. Walters and Deborah A. Walters, husband and wife whose post office address is 10854 S.W. 69th Drive, Miami, FL 33173, grantee;

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

Witnesseth, that said grantor, for and in consideration of the sum of TEN AND NO/100 DOLLARS (\$10.00) and other good and valuable considerations to said grantor in hand paid by said grantee, the receipt whereof is hereby acknowledged, has granted, bargained, and sold to the said grantee, and grantee's heirs and assigns forever, the following described land, situate, lying and being in Columbia County, Florida to-wit:

Lot 13 of THORNWOOD, according to the map or plat thereof as recorded in Plat Book 7, Pages 202, 203 and 204, Public Records of Columbia County, Florida.

Parcel Identification Number: 34-6S-16-04056-113

Subject to taxes for 2005 and subsequent years; covenants, conditions, restrictions, easements, reservations and limitations of record, if any.

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 the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor 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, 2004.

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

DoubleTime®

Signed, sealed and delivered in our presence:

Penny J Saier

Witness Name: Penny J Saier

Kelley D. Jones

Witness Name: Kelley D. Jones

Image Development Group, LLC, a Florida Limited Liability Corporation

By: Robert K. Clark

Robert K. Clark, Managing Member

Inst:2005020464 Date:08/23/2005 Time:10:55

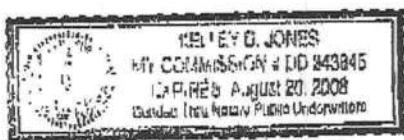
Doc Stamp-Deed : 210.00

DC,P.DeWitt Cason,Columbia County B:1055 P:2620

State of Florida
County of Alachua

The foregoing instrument was acknowledged before me this 11th day of August, 2005 by Robert K. Clark, Managing Member of Image Development Group, LLC, a Florida Limited Liability Corporation, on behalf of said firm. He ☐ is personally known or ☒ has produced a driver's license as identification.

[Notary Seal]



[Signature]

Notary Public

Printed Name: _____

My Commission Expires: _____

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: **0510-74**
Image Development Group/ Owner George Walters Lot 13 of
Thornwood Subdivision.

On the date of November 1, 2005 application 0510-74 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 0510-74 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 a 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.
6. Note section R309.2 of the FRC-2004 Separation required: The garage shall be separated from the residence and its attic area by not less than 1/2-inch (12.7 mm) gypsum board applied to the garage side. Garages beneath habitable rooms shall be separated from all habitable rooms above by not less than 5/8-inch (15.9 mm) Type X gypsum board or equivalent. Where the separation is a floor-ceiling assembly, the structure supporting the separation shall also be protected by not less than 1/2-inch (12.7 mm) gypsum board or equivalent. Type X gypsum 5/8-inch is only required when habitable rooms are above the garage enclosures.

Thank you,



Joe Haltiwanger
Plan Examiner
Columbia County Building Department

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

PREPARED FOR:

IMAGE DEV. GROUP \ LOT 13

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/13/6d
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.
97' - Trans: Fastener 8d/13/ Spacing: Int 8 in. Edge 4 in.
49' - Long: Fastener 8d/13/ Spacing: Int 8 in. Edge 4 in.

Wall tension transferred by: Siding nails 8d/13/ @ 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' 54' #2 15 @ 120" O.C.

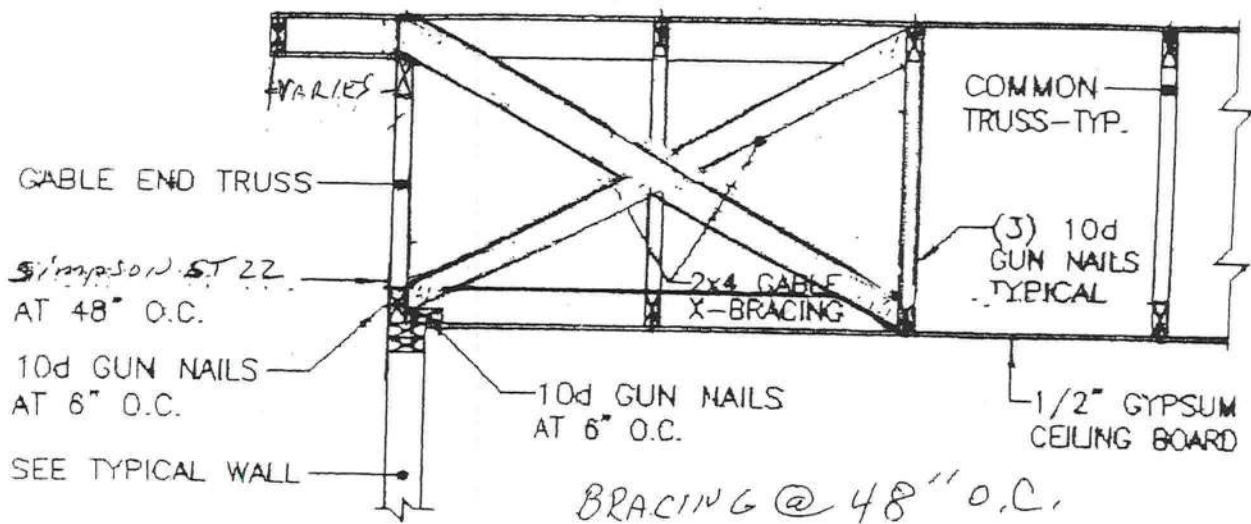
Porch Column Fasteners: Singer AB244 / CC44 OR EQUAL

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.

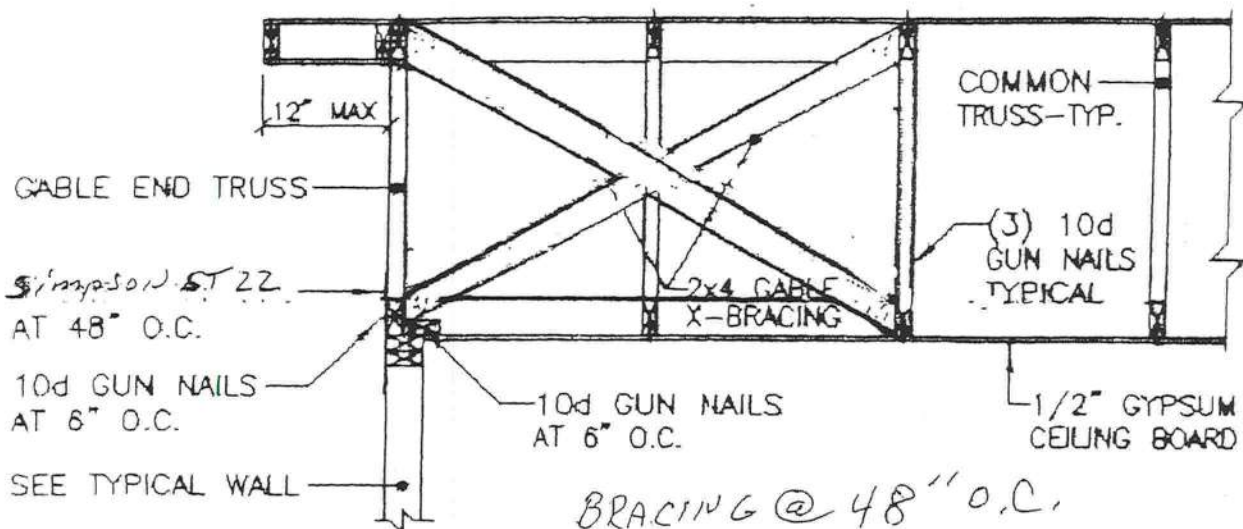
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Amul3285
9/10/05



GABLE END DETAIL

SCALE: NTS

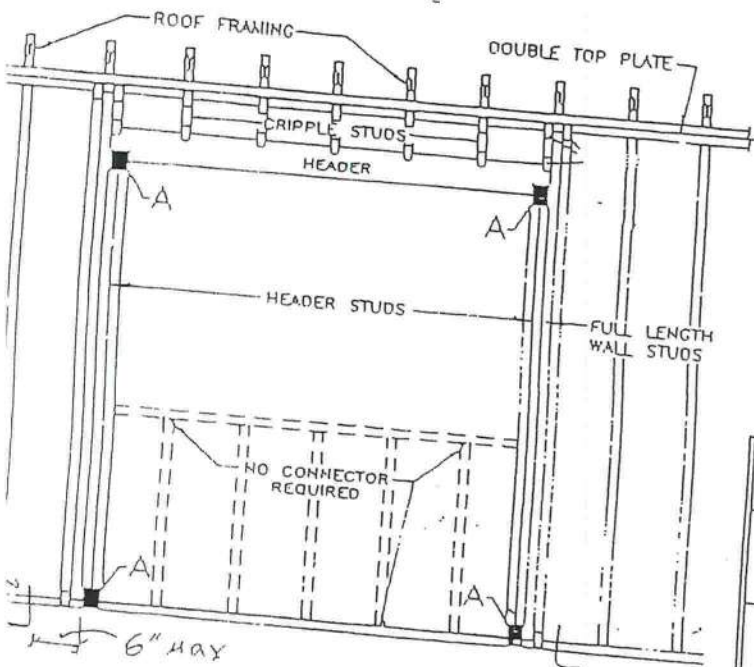
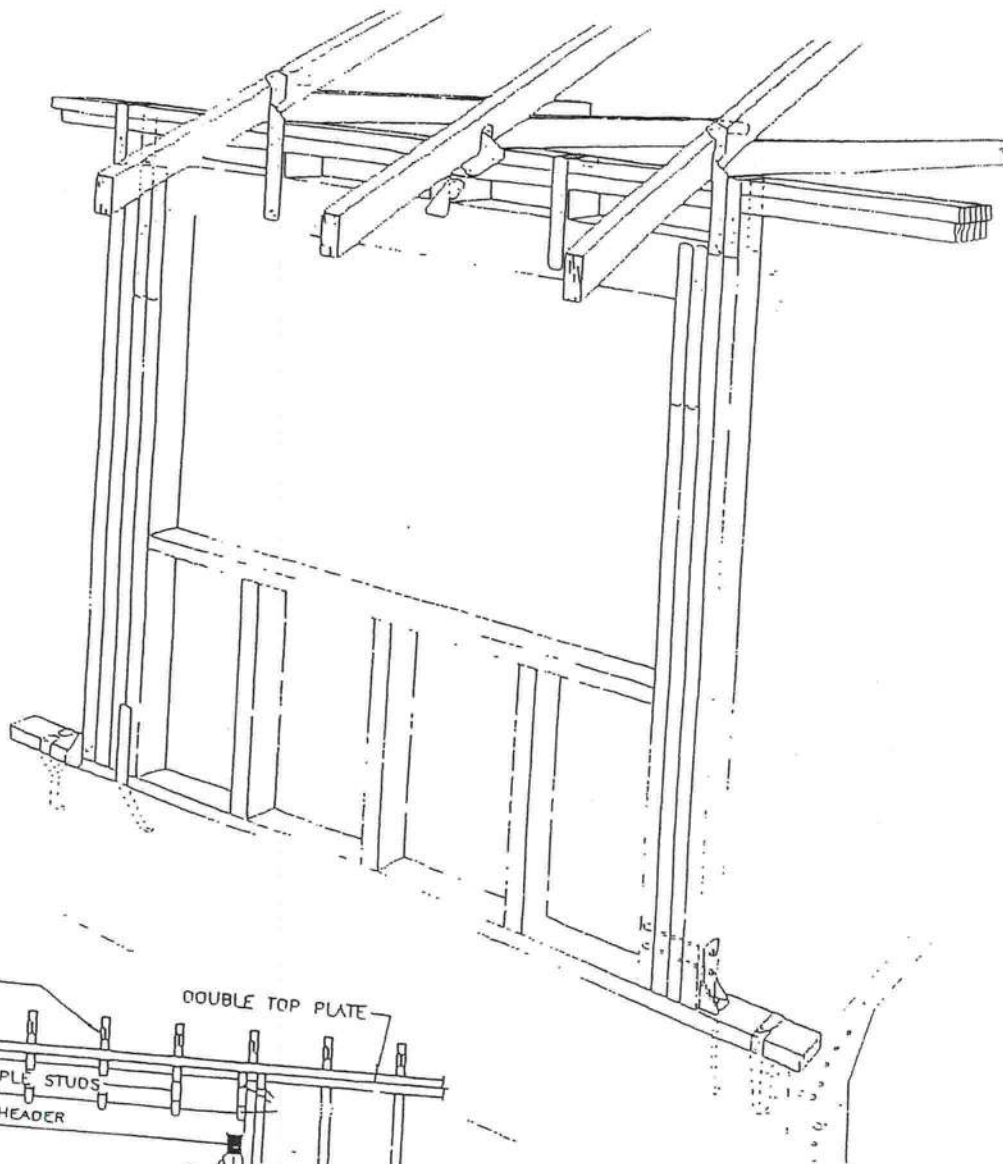


GABLE END DETAIL

SCALE: NTS

13

Handwritten signature and date:
AW013985
2/10/05



		Maximum Header Span (ft)					
		3'	6'	9'	12'	15'	18'
		Number of Header Studs Supporting End of Header					
		1	2	2	2	2	2
		Number of Full-Length Studs at Each End of Header					
Unsupported Wall Height	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

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)	18.62	ft
Mean Roof Height (Ht)	14.91	ft
Width Perp. to Wind (B)	52.00	ft
Width Parallel to Wind (L)	64.00	ft
Damping Ratio (beta)	0.01	

Red values should be changed only through "Main Menu"

Calculated Parameters	
Type of Structure	
Height/Least Horizontal Dim	0.29
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	
I =	320.00	ft
Epsilon =	0.333	
Zmin =	30.00	ft

Gust Factor Category I: Rigid Structures - Simplified Method			
Gust1	For rigid structures (Nat Freq > 1 Hz) use 0.85	0.85	
Gust Factor Category II: Rigid Structures - Complete Analysis			
Zm	Zmin	30.00	ft
Izm	$Cc * (33/z)^{0.167}$	0.3048	
Lzm	$I*(zm/33)^{Epsilon}$	309.99	ft
Q	$(1/(1+0.63*((B+Ht)/Lzm)^{0.63}))^{0.5}$	0.8981	
Gust2	$0.925*((1+1.7*Izm*3.4*Q)/(1+1.7*3.4*Izm))$	0.8649	
Gust Factor Category III: Flexible or Dynamically Sensitive Structures			
Vhref	$V*(5280/3600)$	161.33	ft/s
Vzm	$bm*(zm/33)^{Am}*Vhref$	70.89	ft/s
NF1	$NatFreq*Lzm/Vzm$	4.37	Hz
Rn	$(7.47*Nf1)/(1+10.302*Nf1)^{1.667}$	0.0552	
Nh	$4.6*NatFreq*Ht/Vzm$	0.97	
Nb	$4.6*NatFreq*B/Vzm$	3.37	
Nd	$15.4*NatFreq*Depth/Vzm$	13.90	
Rh	$1/Nh-(1/(2*Nh^2)*(1-Exp(-2*Nh)))$	0.5766	
Rb	$1/Nb-(1/(2*Nb^2)*(1-Exp(-2*Nb)))$	0.2525	
Rd	$1/Nd-(1/(2*Nd^2)*(1-Exp(-2*Nd)))$	0.0693	
RR	$((1/Beta)*Rn*Rh*Rb*(0.53+0.47*Rd))^{0.5}$	0.6723	
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)	0.86	Gust Factor (G)	0.86

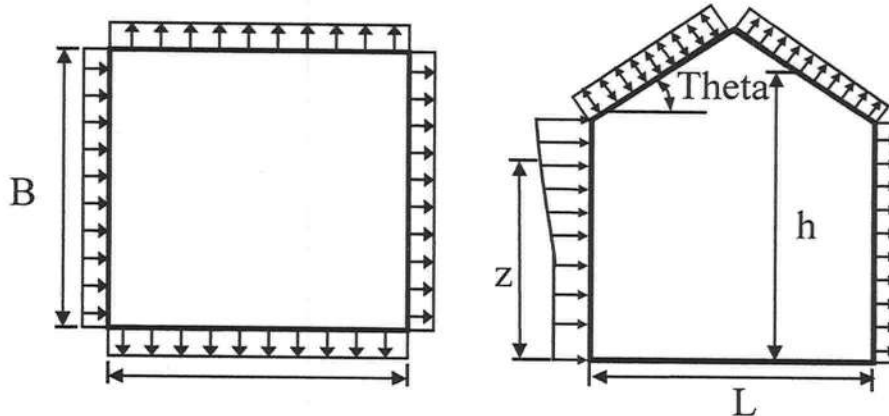
Wind Load Design per ASCE 7-98

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

Elev. ft	K _z	K _{zt}	K _d	q _z lb/ft ²	Pressure (lb/ft ²)	
					Windward Wall*	
					+GC _{pi}	-GC _{pi}
18.62	0.70	1.00	1.00	21.70	11.81	18.22
15	0.70	1.00	1.00	21.70	11.81	18.22

Figure 6-3 - External Pressure Coefficients, C_p

Loads on Main Wind-Force Resisting Systems



Variable	Formula	Value	Units
K _h	$2.01 \cdot (15/z_g)^{(2/\alpha)}$	0.57	
K _{ht}	Topographic factor (Fig 6-2)	1.00	
Q _h	$.00256 \cdot (V)^2 \cdot \text{ImpFac} \cdot K_h \cdot K_{ht} \cdot K_d$	17.80	psf

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

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

Description	C _p	Pressure (psf)	
		+GC _{pi}	-GC _{pi}
Leeward Walls (Wind Dir Parallel to 52 ft wall)	-0.45	-10.19	-3.78
Leeward Walls (Wind Dir Parallel to 64 ft wall)	-0.50	-10.90	-4.49
Side Walls	-0.70	-13.98	-7.57
Roof - Normal to Ridge (Theta ≥ 10)			
Windward - Max Negative	-0.20	-6.28	0.13
Windward - Max Positive	0.30	1.41	7.82
Leeward Normal to Ridge	-0.60	-12.44	-6.03
Overhang Top	-0.20	-3.08	-3.08
Overhang Bottom	0.80	0.69	0.69
Roof - Parallel to Ridge (All Theta)			
Dist from Windward Edge: 0 ft to 7.455 ft	-0.90	-17.06	-10.65
Dist from Windward Edge: 7.455 ft to 14.91 ft	-0.90	-17.06	-10.65
Dist from Windward Edge: 14.91 ft to 29.82 ft	-0.50	-10.90	-4.49

ASCE 7-98

9/9/05

Wind Load Design per ASCE 7-98

Dist from Windward Edge: > 29.82 ft	-0.30	-7.82	-1.41
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* Horizontal distance from windward edge

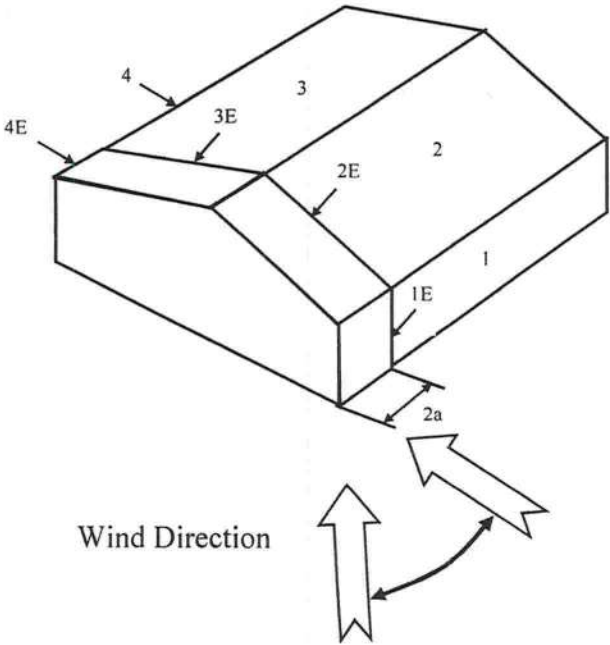
Figure 6-4 - External Pressure Coefficients, GCpf

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

Kh =	$2.01 \cdot (15/z_g)^{(2/\alpha)}$	=	0.57
Kht =	Topographic factor (Fig 6-2)	=	1.00
Qh =	$0.00256 \cdot (V)^2 \cdot \text{ImpFac} \cdot K_h \cdot K_{ht} \cdot K_d$	=	17.80

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)



Wind Load Design per ASCE 7-98

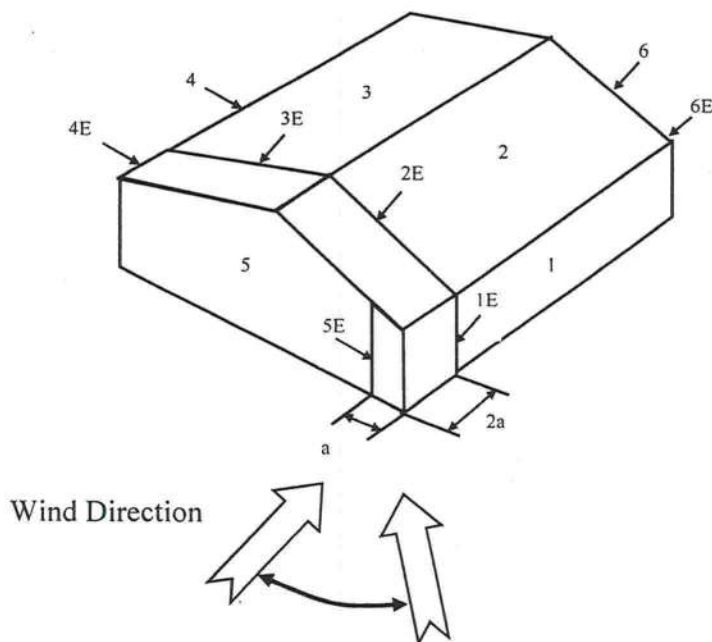
Figure 6-4 - External Pressure Coefficients, GCpf

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

$$\begin{aligned}
 K_h &= 2.01 \cdot (15/z_g)^{2/\alpha} &= & 0.57 \\
 K_{ht} &= \text{Topographic factor (Fig 6-2)} &= & 1.00 \\
 Q_h &= 0.00256 \cdot (V)^2 \cdot \text{ImpFac} \cdot K_h \cdot K_{ht} \cdot K_d &= & 17.80
 \end{aligned}$$

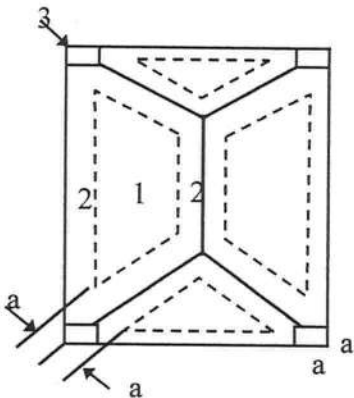
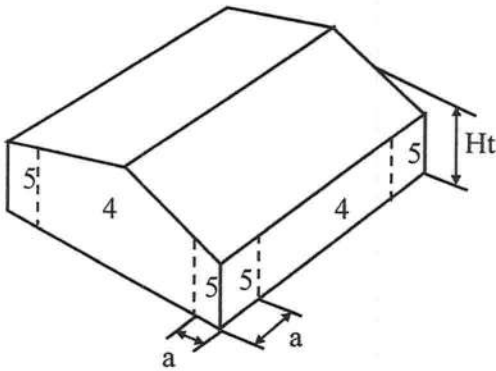
Case B						
Surface	GCpf	+GCpi	-GCpi	qh (psf)	Min P (psf)	Max P (psf)
1	-0.45	0.18	-0.18	21.70	-13.67	-5.86
2	-0.69	0.18	-0.18	21.70	-18.88	-11.07
3	-0.37	0.18	-0.18	21.70	-11.94	-4.12
4	-0.45	0.18	-0.18	21.70	-13.67	-5.86
5	0.40	0.18	-0.18	21.70	4.77	12.59
6	-0.29	0.18	-0.18	21.70	-10.20	-2.39
1E	-0.48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

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

**Figure 6-5 - External Pressure Coefficients, GCp**

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

Wind Load Design per ASCE 7-98



Hipped Roof
10 < Theta <= 30

a = 5.2 ==> 5.20 ft

Component	Width (ft)	Length (ft)	Area (ft^2)	Zone	GCp		Wind Press (lb/ft^2)	
					Max	Min	Max	Min
	16	7	112.00	5	0.81	-1.03	17.71	-21.53
	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					

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

Table 6-7 Internal Pressure Coefficients for Buildings, Gcpi

Condition	Gcpi	
	Max +	Max -

ASCE 7-98

9/9/05

Wind Load Design per ASCE 7-98

Open Buildings	0.00	0.00
Partially Enclosed Buildings	0.55	-0.55
Enclosed Buildings	0.18	-0.18
Enclosed Buildings	0.18	-0.18

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

r (Rise-to-Span Ratio) = 0.3

Condition	Variable	Cp		
		Windward Quarter	Center Half	Leeward Quarter
Roof on Elevated Structure	Cp	0.13	-1	-0.5
	P (+GCpi) - psf	-1.28	-18.60	-10.90
	P (-GCpi) -psf	5.13	-12.19	-4.49
Roof Springing from Ground	Cp	0.42	-1	-0.5
	P (+GCpi) - psf	3.26	-18.60	-10.90
	P (-GCpi) -psf	3.26	-18.60	-10.90

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

Variable	Description	Value	
L	Roof dimension normal to wind direction	64.00	ft
B	Roof dimension parallel to wind direction	52.00	ft
L/B	Ratio of L to B	1.231	
Theta	Slope of Roof	26.6	Deg
Cf	Force Coefficient	1.16	
X	Distance to center of pressure from windward edge	0.40	ft



Duct System Summary

Entire House

Bounds Heating & Air

Job: 1809 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 13 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
Master Bath	h 3618	117	115	0.100	7	16x 3	VIFx	0.0	0.0	
Master Bedroom	h 4479	145	129	0.100	8	16x 4	VIFx	0.0	0.0	
WIC	h 2097	68	31	0.100	6	16x 2	VIFx	0.0	0.0	
Laundry	c 1642	26	92	0.100	6	16x 2	VIFx	0.0	0.0	
Kitchen	c 2092	59	117	0.100	7	16x 3	VIFx	0.0	0.0	
Dining	h 4960	161	106	0.100	8	16x 4	VIFx	0.0	0.0	
Foyer	c 2119	103	119	0.100	7	16x 3	VIFx	0.0	0.0	
Living Room	c 2385	108	133	0.100	7	16x 3	VIFx	0.0	0.0	
Nook	c 974	47	55	0.100	5	16x 1	VIFx	0.0	0.0	
Bedroom 3	h 3802	123	103	0.100	7	16x 3	VIFx	0.0	0.0	
Bath	h 716	23	15	0.100	4	16x 1	VIFx	0.0	0.0	
Bedroom 2	h 4764	154	120	0.100	8	16x 4	VIFx	0.0	0.0	

Return Branch Detail Table

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

Bold/italic values have been manually overridden



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

Job: 1809 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 13 Thornwood,

Design Information

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

HEATING EQUIPMENT

Make Carrier
Trade WeatherMate 38YCC
Model 38YCC03653,54/63,64

Efficiency 7 HSPF
Heating input
Heating output 34000 Btuh @ 47°F
Temperature rise 27 °F
Actual air flow 1133 cfm
Air flow factor 0.032 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 0.83

ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
Master Bath	166	3618	2047	117	115
Master Bedroom	255	4479	2310	145	129
WIC	78	2097	555	68	31
Laundry	42	790	1642	26	92
Kitchen	180	1809	2092	59	117
Dining	180	4960	1890	161	106
Foyer	75	3186	2119	103	119
Living Room	285	3331	2385	108	133
Nook	72	1458	974	47	55
Bedroom 3	219	3802	1834	123	103
Bath	66	716	260	23	15
Bedroom 2	191	4764	2142	154	120

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Entire House	d	1809	35011	20250	1133	1133
Other equip loads			2746	1410		
Equip. @ 0.99 RSM				21444		
Latent cooling				4356		
TOTALS		1809	37757	25800	1133	1133

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

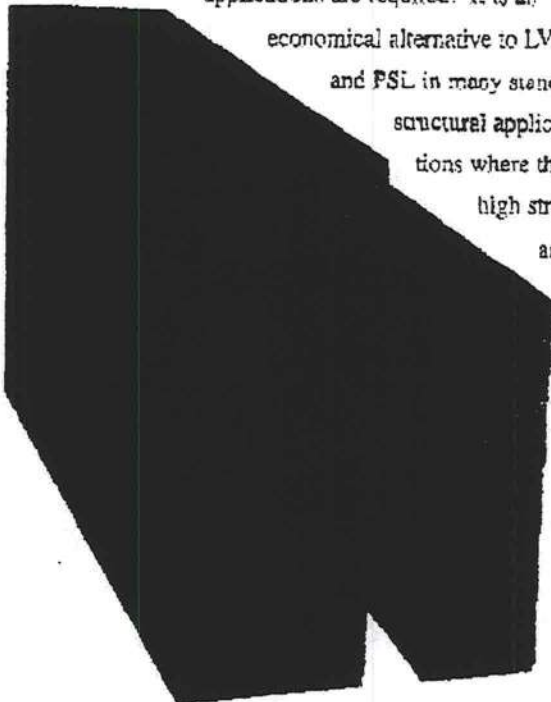
Anthony 24F Glulam Advantages

- ◆ 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.

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

Glulam Conversions

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

Design values used for conversion tables follow:

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

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

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

^a LVL Design Values: F_b=2925 psi, F_v=285 psi, MOE=2,000,000 psi

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

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

24F Glulam Design Properties

Allowable Design Stresses (psi)

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

*For nominal 12" depths. For other depths:

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

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

d = depth of bending member, inches.

b = width, inches for full width members.

 K_L = loading coefficient.

SINGLE SPAN BEAM:

Concentrated load at mid span

Uniformly distributed loads

Two equal concentrated loads at 1/3 points of span

CONTINUOUS BEAM OR CANTILEVER:

All loading conditions

KL

1.09

1.0

0.96

1.0

24F Glulam Section Properties (F 1 E, 2701v)

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_{90} factor (L=21')	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
I (in ⁴)	146	232	347	494	677	901	1170	1487
Moment Capacity (lbs-ft)	7090	8650	12604	15952	19694	23350	28359	33283
Shear Capacity (lbs)	4641	5414	6188	6961	7734	8508	9281	10055

3 1/2" Beam Width

Depth	8 1/4	9 5/8	11	12 3/8	13 3/4	15 1/8	16 1/2	17 7/8
Weight	7.5	8.9	10.2	11.4	12.7	14.0	15.2	16.5
C_{90} factor (L=21')	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
I (in ⁴)	164	260	388	553	758	1009	1310	1666
Moment Capacity	7941	10808	14111	17866	22057	26689	31763	37277
Shear Capacity	5198	6064	7	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	20.3	22.3	24.2	26.0	27.9	29.8
C_{90} factor (L=21')	0.998	0.993	0.988	0.984	0.980	0.977	0.973	0.970
I (in ⁴)	839	1110	1478	1919	2439	3047	3747	4548
Moment Capacity (lbs-ft)	26152	32298	39081	46502	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

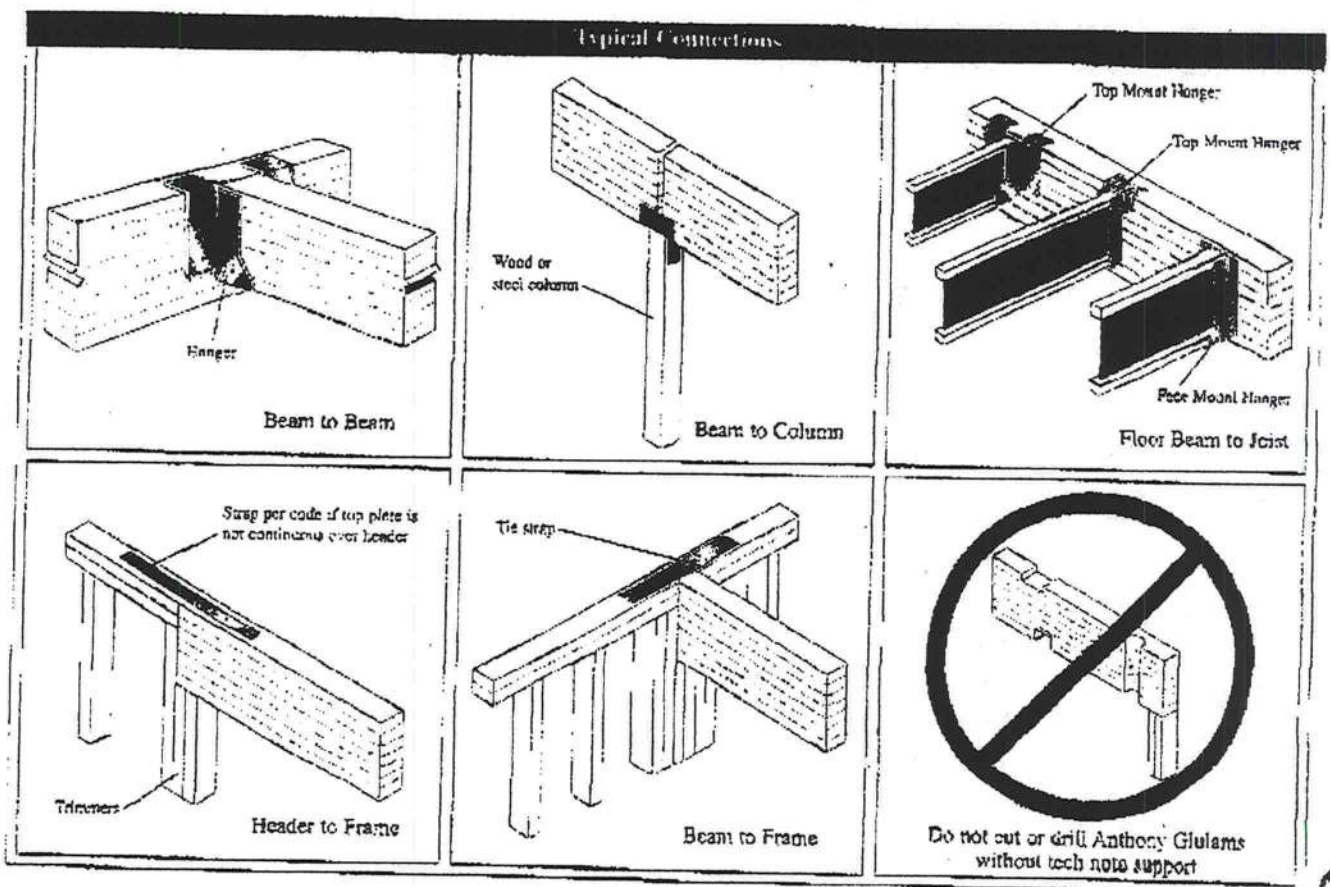
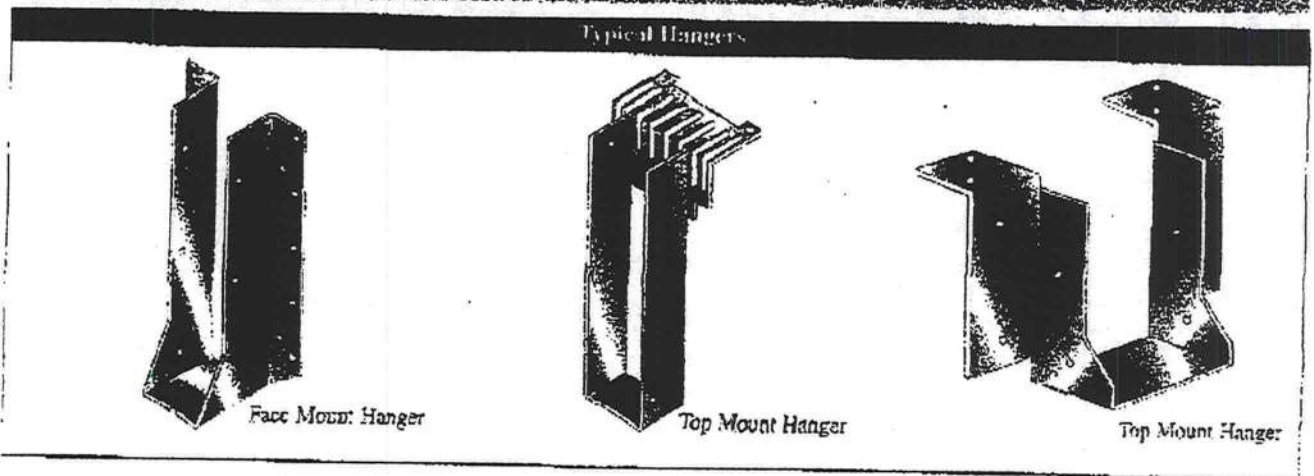
Depth	12 3/8	13 3/4	15 1/8	16 1/2	17 7/8	19 1/4	20 5/8	22
Weight	20.0	22.0	23.9	25.9	27.9	29.9	31.9	33.9
C_{90} factor (L=21')	0.995	0.990	0.985	0.981	0.977	0.973	0.970	0.967
I (in ⁴)	869	1191	1586	2059	2613	3262	4021	4880
Moment Capacity (lbs-ft)	28076	34661	41940	49913	58578	67926	77988	88733
Shear Capacity (lbs)	12251	13613	14974	16335	17695	19058	20419	21780
Shear Capacity (lbs)	21733	23708	25684	27660	29636	31612	33588	35564

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_{90} factor (L=21')	0.975	0.967	0.963	0.960	0.957	0.954	0.951	0.949	0.946	0.944
I (in ⁴)	1946	2487	2858	3285	3773	4326	4948	5641	6401	7244
Moment Capacity (lbs-ft)	51472	71891	83377	95713	108900	122938	137827	153566	170156	187597
Shear Capacity (lbs)	18377	21718	23389	25059	26730	28401	30071	31742	33413	35083

8 3/4" Beam Width

Depth	15 1/8	17 7/8	19 1/4	20 5/8	22	23 3/8	24 3/4	26 1/8	27 1/2	28 7/8
Weight	34.9	41.5	44.4	47.6	50.8	54.0	57.1	60.3	63.5	66.7
C_{90} factor (L=21')	0.962	0.954	0.951	0.948	0.945	0.942	0.939	0.936	0.934	0.932
I (in ⁴)	2523	4165	5201	6367	7764	9313	11055	13002	15164	17553
Moment Capacity (lbs-ft)	66723	93192	108081	124072	141167	159364	178664	199057	220573	243182
Shear Capacity (lbs)	23822	28153	30319	32484	34550	36616	38681	40747	42813	44878





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PRODUCT APPROVAL

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

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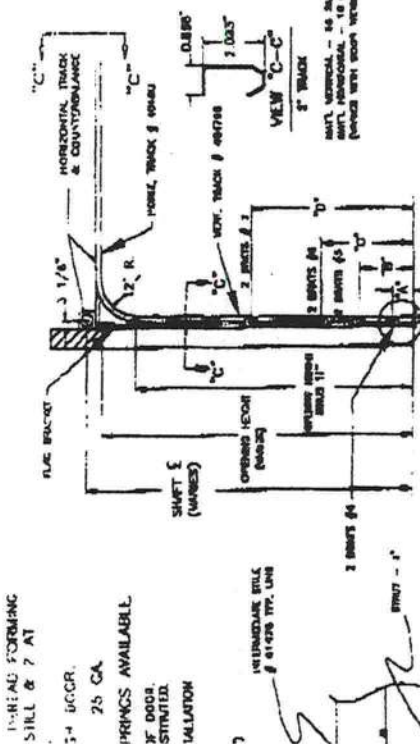
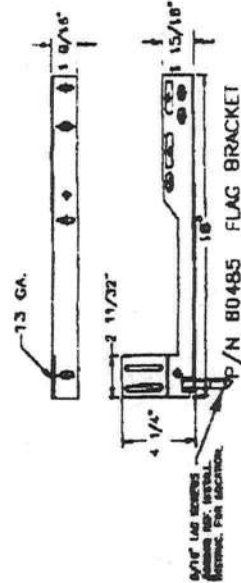
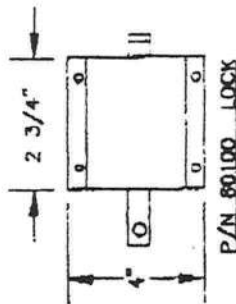
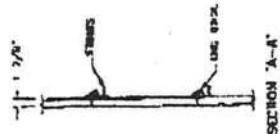
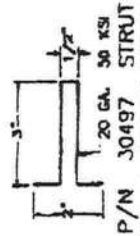
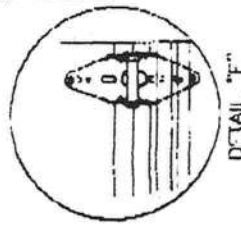
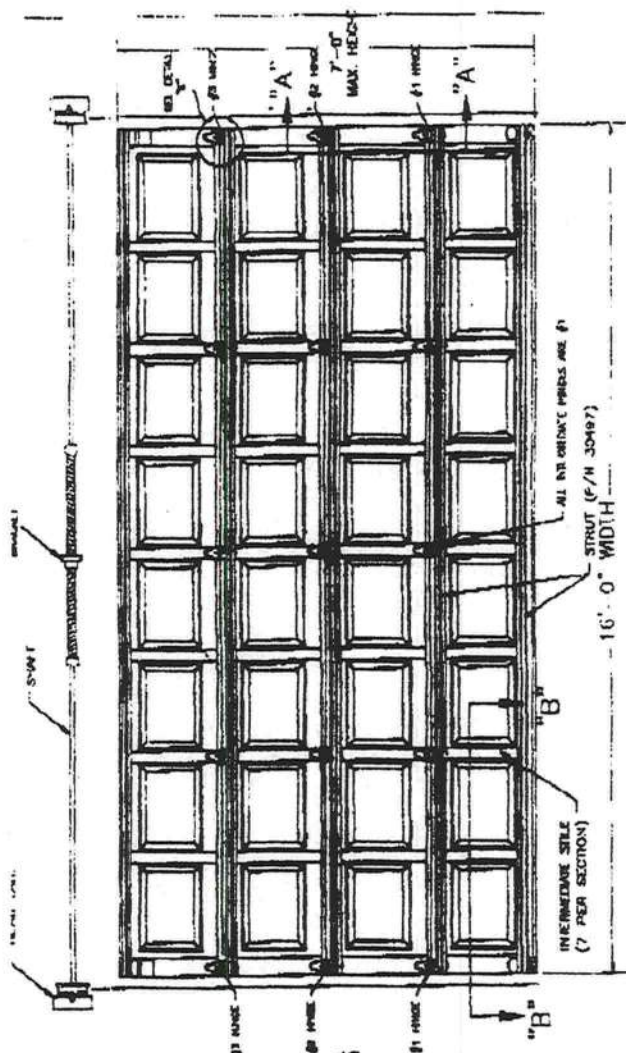
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App/Seq #	Manufacturer	Category	Subcategory	Validation Entry	Status
FL681	Capitol	Windows	Fixed		Approved
FL685	Capitol	Windows	Horizontal Slider		Approved
FL880	Capitol	Windows	Factory Twins Mullions	Architectural Testing, Inc (717) 764-7700	Applied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

Page:
Go

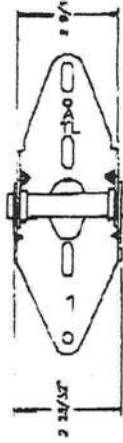
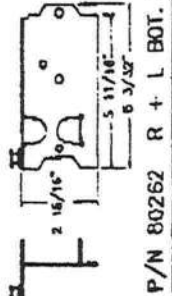
Page 1 of 1

[New Product](#)



ITEM NO.	QTY	UNIT	DESCRIPTION
1	1	EA	16' 0" WIDE
2	1	EA	7'-0" MAX. HEIGHT
3	1	EA	INTERMEDIATE SILE (7 PER SECTION)
4	1	EA	STRUT (P/N 30497)
5	1	EA	ALL INTERMEDIATE PIERDS ARE 6"

STANDARD TRACK DETAIL



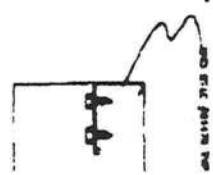
ITEM NO.	QTY	UNIT	DESCRIPTION
1	1	EA	16' 0" WIDE
2	1	EA	7'-0" MAX. HEIGHT
3	1	EA	INTERMEDIATE SILE (7 PER SECTION)
4	1	EA	STRUT (P/N 30497)
5	1	EA	ALL INTERMEDIATE PIERDS ARE 6"



ITEM NO.	QTY	UNIT	DESCRIPTION
1	1	EA	16' 0" WIDE
2	1	EA	7'-0" MAX. HEIGHT
3	1	EA	INTERMEDIATE SILE (7 PER SECTION)
4	1	EA	STRUT (P/N 30497)
5	1	EA	ALL INTERMEDIATE PIERDS ARE 6"

WARNING ON THIS SHEET IS THE PROPERTY OF MID-AMERICA DOOR COMPANY AND IS AND VULNERABILITY, ASSESSMENT PURPOSES ONLY, AND MAY NOT BE REPRODUCED OR USED TO WITHOUT THE EXPRESSED PERMISSION OF MID-AMERICA DOOR COMPANY.

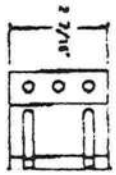
1. 3 STAINLESS STEEL
SCREWS 1/4"-20
INTERMEDIATE 3/16"
FOR 21" NETE
2. ALL SECTIONS EX
3. TORSION SPRINGS
4. SLIDE LOCKS MUST
OIL & BURN LOCKS
5. BEFORE THIS DRAWING
WITH ACTIONS, THE



P/N 80441 F



P/N 80798
1/4"-20 x 6/16



P/N 80448

NOTES: THIS DRAWING
LOANED BY COO
MANUFACTURING 4

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/m ²), to l 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
☒	☐	
☒	☐	
☒	☐	
☐	☐	
☐	☐	
☐	☐	
☒	☐	
☒	☐	

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: <ol style="list-style-type: none">1. Truss layout and truss details signed and sealed by FI. Pro. Eng.2. Roof assembly (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating) |
| ☐ | ☐ | b) Conventional Framing Layout including: <ol style="list-style-type: none">1. Rafter size, species and spacing2. Attachment to wall and uplift3. Ridge beam sized and valley framing and support details4. 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 <ol style="list-style-type: none">1. All materials making up wall2. Block size and mortar type with size and spacing of reinforcement3. Lintel, tie-beam sizes and reinforcement4. Gable ends with rake beams showing reinforcement or gable truss and wall bracing details5. All required connectors with uplift rating and required number and size of fasteners for continuous tie from roof to foundation6. 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 requirements9. Shoe type of termite treatment (termicide or alternative method)10. Slab on grade<ol style="list-style-type: none">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 supports11. Indicate where pressure treated wood will be placed12. Provide insulation R value for the following:<ol style="list-style-type: none">a. Attic spaceb. Exterior wall cavityc. 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

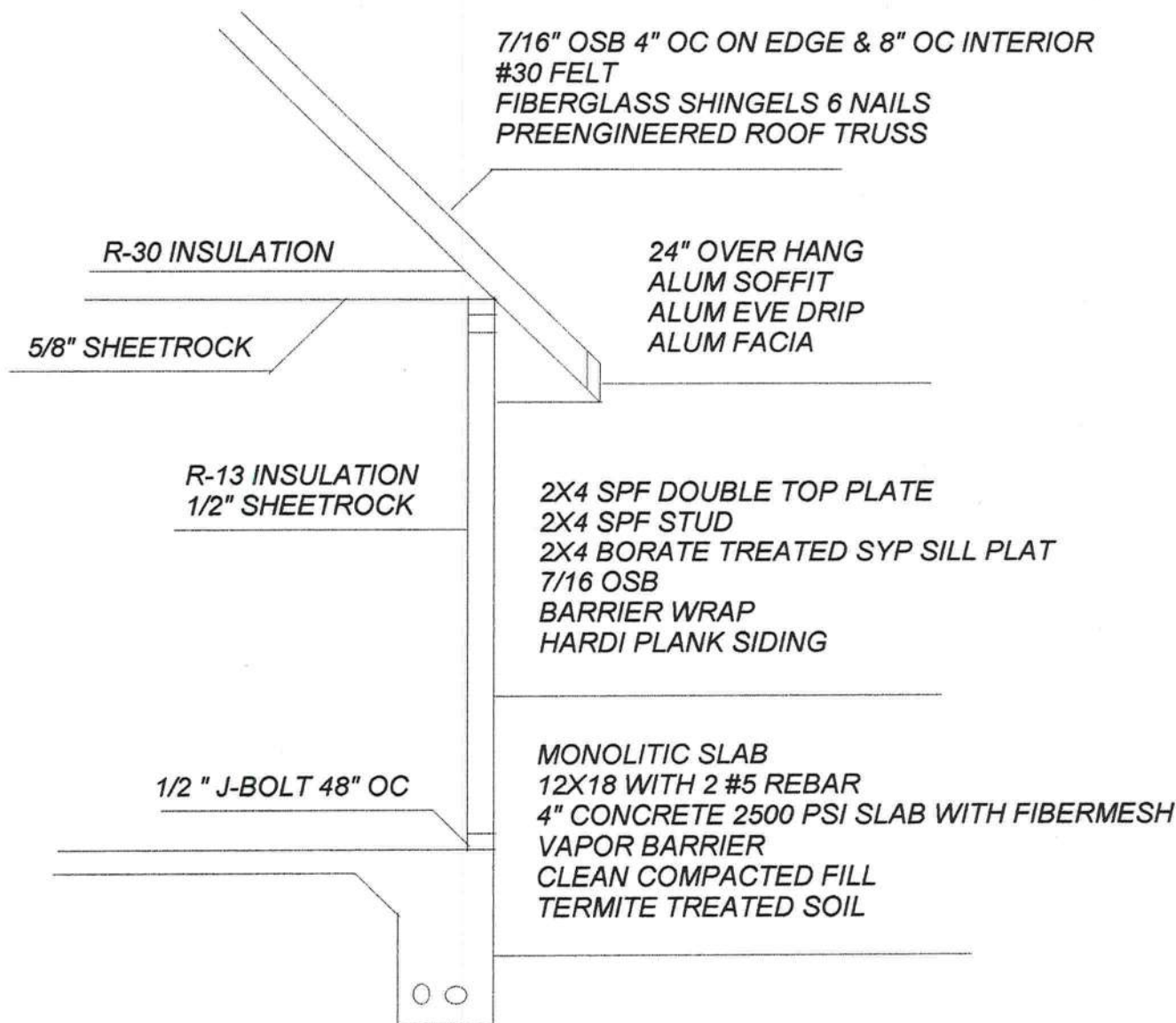
Disclosure Statement for Owner Builders

*****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

TYPICAL WALL SECTION
MONOLITIC SLAB



ROOFING, WINDOW & DOOR REQUIREMENTS

ROOF SYSTEM DESCRIPTION

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

UNDERLAYMENT: #30 Felt
(Felt weight)

FLASHING: 5x4 galv Flashing galv valley

CAP SHEET: _____
(Flat roof only)

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

DRIP EDGE MATERIAL: Alum

EAVE VENTILATION: Alum

ROOF SLOPE: 12" 6"

MEANHEIGHT: 16

2' overhangs

RIDGE VENTILATION

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

LOT-13 TRUSS#	UPLIFT	H_STRAP	UPLIFT	NAILS
A-1	550/606	H-16	1265	12-10D
A-2	452/523	H-16	1265	12-10D
A-3	450/521	H-16	1265	12-10D
A-4	448/519	H-16	1265	12-10D
A-5	447/518	H-16	1265	12-10D
A-6	450/450	H-16	1265	12-10D
A7	515/452	H-16	1265	12-10D
A8	512/458	H-16	1265	12-10D
A9	516/448	H-16	1265	12-10D
A10	514/450	H-16	1265	12-10D
A11	515/448	H-16	1265	12-10D
B1	621/567	H-16	1265	12-10D
B2	556/485	LSTA	1015	18-10D
B3	554/483	H-16	1265	12-10D
B4	361/565	H-16	1265	12-10D
B5	340/645	H-16	1265	12-10D
B6	359/563	H-16	1265	12-10D
C1	585/585	H-16	1265	12-10D
C2	474/472	H-16	1265	12-10D
C3	472/470	H-16	1265	12-10D
C4	470/469	H-16	1265	12-10D
C5	475/403	H-16	1265	12-10D
C6	1928/2415	MGT	3330	22-10D
D1	804/804	H-16	1265	12-10D
D2	320/320	H-16	1265	12-10D
D3	256/256	H-16	1265	12-10D
E1	42	H-16	1265	12-10D
E2	1621/1023	2-H-16-2	1265	12-10D
E3	271/271	H-16	1265	12-10D
F1	43	H-16	1265	12-10D
F2	1540/1565	2-H-162	1265	12-10D
F3	263/184	H-16	1265	12-10D
F4	255/255	H-16	1265	12-10D
CJ1	237	H-16	1265	12-10D
CJ2	180	H-16	1265	12-10D
CJ3	236	H-16	1265	12-10D
J1	180	H-16	1265	12-10D
J1A	180	H-16	1265	12-10D
J2	180	H-16	1265	12-10D
J2A	180	H-16	1265	12-10D
J2B	180	H-16	1265	12-10D
J3	180	H-16	1265	12-10D
J3A	180	H-16	1265	12-10D
J3B	180	H-16	1265	12-10D
J4	180	H-16	1265	12-10D
J4A	180	H-16	1265	12-10D

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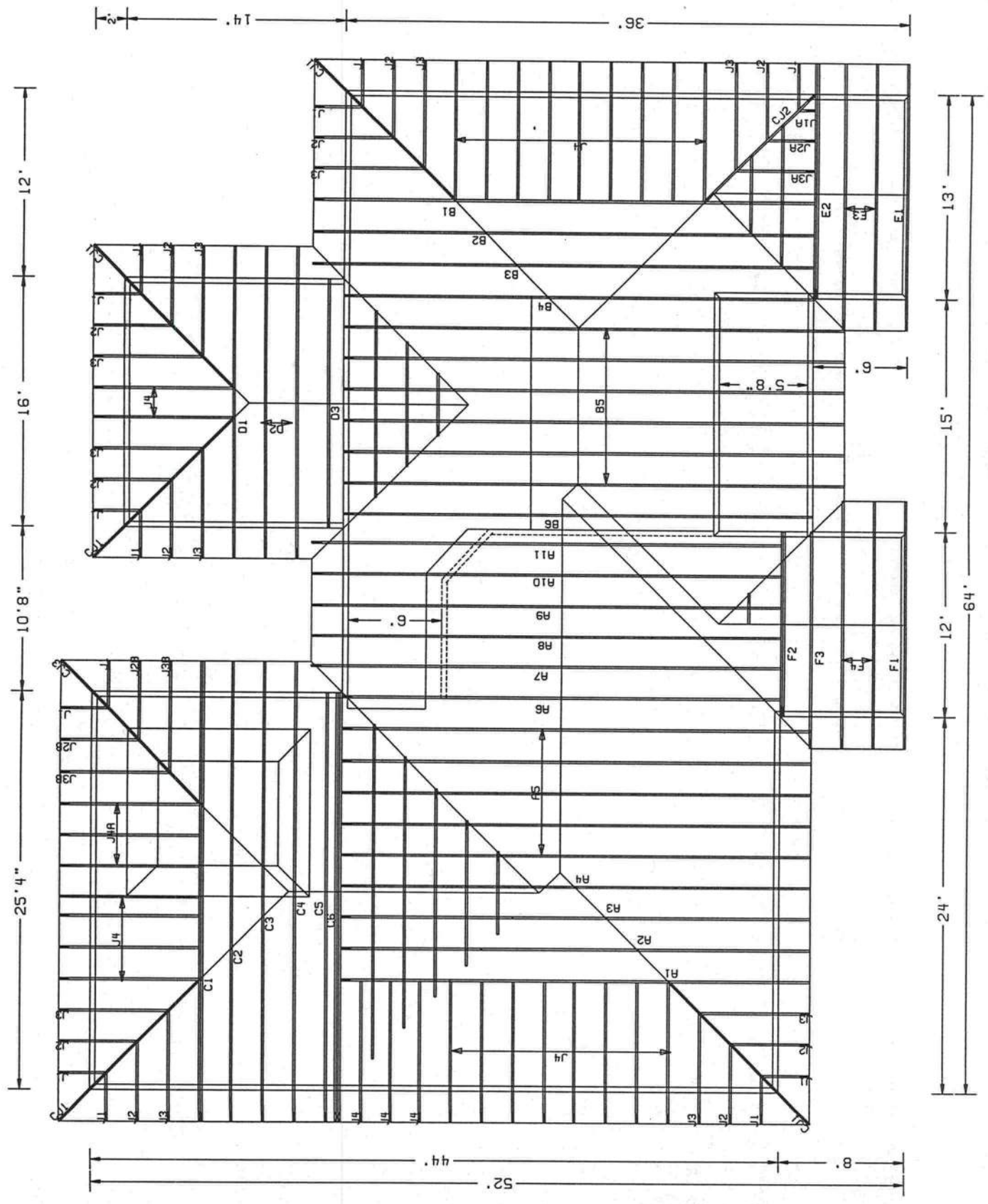
[illegible]

WINDOWS				ATTACHMENT		
TYPE	MANUFACTURER	SERIES	SIZE	JAMB	HEADER	SILLS
single hung	capitol	650	3/0-6/0	#8-12" oc	#8-12" oc	#8-12" oc
single hung	capitol	650	4/0-6/0	#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	6/0-6/0	#8-12" oc	#8-12" oc	#8-12" oc
single hung	capitol	650	4/0-4/0	#8-12" oc	#8-12" oc	#8-12" oc
single hung	capitol	650	2/6-6/0	#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
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		

WINDOWS				ATTACHMENT		
TYPE	MANUFACTURER	SERIES	SIZE	JAMB	HEADER	SILLS
single hung	capitol	650	3/0-6/0	#8-12" oc	#8-12" oc	#8-12" oc
single hung	capitol	650	4/0-6/0	#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	6/0-6/0	#8-12" oc	#8-12" oc	#8-12" oc
single hung	capitol	650	4/0-4/0	#8-12" oc	#8-12" oc	#8-12" oc
single hung	capitol	650	2/6-6/0	#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
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		

Job Description: Image - Madison
Location: lot 13
Owner: Image Development
Contractor: Image Development
Date: 09-28-2005
Job desc: Image - Madison

JOB NO:
12653
PAGE NO:
1 OF 1



Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID:1SQU917-Z0127140858

Truss Fabricator: Riverside Truss
Job Identification: 12653--Image - Madison -- lot 13 High Springs, FL
Truss Count: 46
Model Code: Florida Building Code
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Version 7.10.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - 42.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-98 -Closed

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

Details: A11030EC-GBLLETIN



Seal Date: 09/27/2005

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

#	Ref	Description	Drawing#	Date
1	30026--A1		05270001	09/27/05
2	30027--A2		05270002	09/27/05
3	30028--A3		05270003	09/27/05
4	30029--A4		05270004	09/27/05
5	30030--A5		05270005	09/27/05
6	30031--A6		05270006	09/27/05
7	30032--A7		05270007	09/27/05
8	30033--A8		05270008	09/27/05
9	30034--A9		05270009	09/27/05
10	30035--A10		05270010	09/27/05
11	30036--A11		05270011	09/27/05
12	30037--B1		05270012	09/27/05
13	30038--B2		05270013	09/27/05
14	30039--B3		05270014	09/27/05
15	30040--B4		05270015	09/27/05
16	30041--B5		05270016	09/27/05
17	30042--B6		05270017	09/27/05
18	30043--C1		05270018	09/27/05
19	30044--C2		05270019	09/27/05
20	30045--C3		05270020	09/27/05
21	30046--C4		05270021	09/27/05
22	30047--C5		05270022	09/27/05
23	30048--C6		05270043	09/27/05
24	30049--D1		05270044	09/27/05
25	30050--D2		05270023	09/27/05
26	30051--D3		05270024	09/27/05
27	30052--E1		05270025	09/27/05
28	30053--E2		05270045	09/27/05
29	30054--E3		05270026	09/27/05
30	30055--F1		05270027	09/27/05
31	30056--F2		05270046	09/27/05
32	30057--F3		05270028	09/27/05
33	30058--F4		05270029	09/27/05
34	30059--CJ1		05270030	09/27/05
35	30060--CJ2		05270031	09/27/05
36	30061--CJ3		05270032	09/27/05

#	Ref	Description	Drawing#	Date
37	30062--J1		05270033	09/27/05
38	30063--J1A		05270034	09/27/05
39	30064--J2		05270035	09/27/05
40	30065--J2A		05270036	09/27/05
41	30066--J2B		05270037	09/27/05
42	30067--J3		05270038	09/27/05
43	30068--J3A		05270039	09/27/05
44	30069--J3B		05270040	09/27/05
45	30070--J4		05270041	09/27/05
46	30071--J4A		05270042	09/27/05



Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Page 1 of 1 Document ID:1SQU917-Z0127140858

Truss Fabricator: Riverside Truss
Job Identification: 12653-:Image - Madison -- lot 13 High Springs, FL
Truss Count: 2
Model Code: Florida Building Code
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software,Version 7.10.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - 42.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-98 -Closed

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

Seal Date: 09/27/2005

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

Revised Trusses

#	Ref	Description	Drawing#	Date
1	30052--E1		05270025	09/27/05
2	30055--F1		05270027	09/27/05

ALPINE



FL Certificate of Authorization # 567

REF	R917--	30028
DATE	09/27/05	
DRW	HCUSR917	05270003
	HC-ENG	CR/DLJ
SEQN-	117962	
JREF-	150U917_Z01	

(12653--:Image - Madison -- lot 13 High Springs, FL - A4)

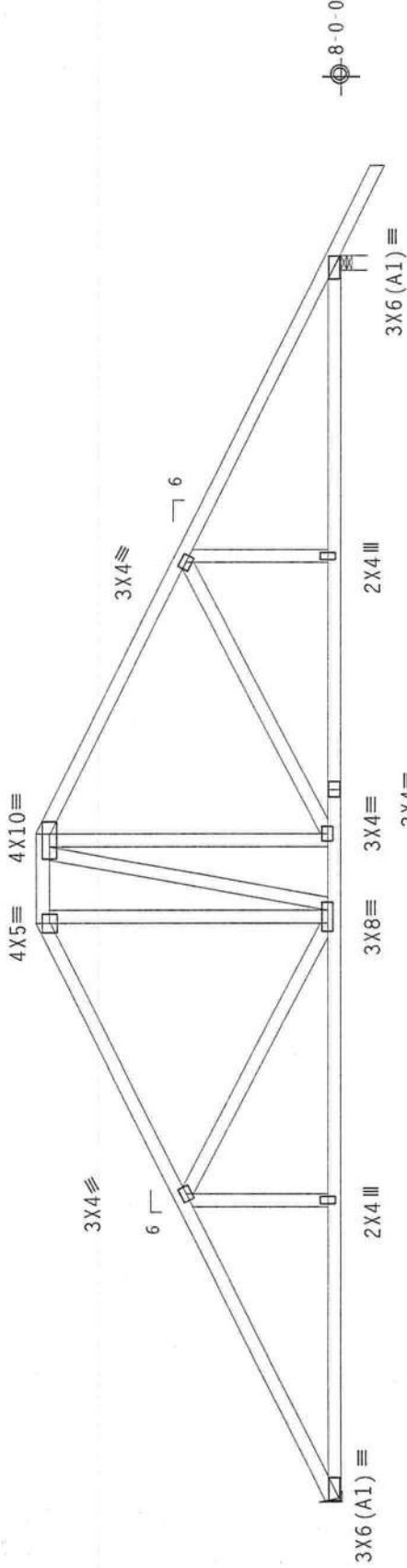
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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

Note: Specified hanger(s) based on southern pine
lumber values. Refer to hanger manufacturer's
product catalog for proper applications.

Hanger = Simpson HUS26 or equivalent.

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, CLOSED 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.
305-325-1223
366-325-0443 Fax
P.O. Box 1739
Palatka, FL 32178-1739

PLT TYP. Wave



Design Crit: TPI-2002(STD)/FBC

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 FOR BUILDING COMPONENT SAFETY INFORMATION. PUBLISHED BY THE TRUSS PLATING INSTITUTE, 1501 S. W. 10TH AVE., SUITE 100, MIAMI, FL 33135. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI1: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF 2010/1606 (M-H/S/P) ASTM A653 GRADE 40/50 (H, K/H/S) GALV. STEEL. APPLY CORRELATOR PLATES ARE MADE OF 2010/1606 (M-H/S/P) ASTM A653 GRADE 40/50 (H, K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (C) SHALL BE PER ADX 33 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SUELLY FOR THE TRUSS COMPONENTS. THE DESIGNER'S USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER 4851/TPI1 SEC. 2.

7.10.1222



QTY: 1

Scale = .25"/Ft.

TC LL	20.0 PSF	REF	R917--	30029
TC DL	7.0 PSF	DATE	09/27/05	
BC DL	5.0 PSF	DRW	HCUSR917	05270004
BC LL	10.0 PSF	HC-ENG	CR/DLJ	
TOT.LD.	42.0 PSF	SEQN-	117963	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	150U917_Z01	

(12653--Image - Madison -- Lot 13 High Springs, FL - A5)

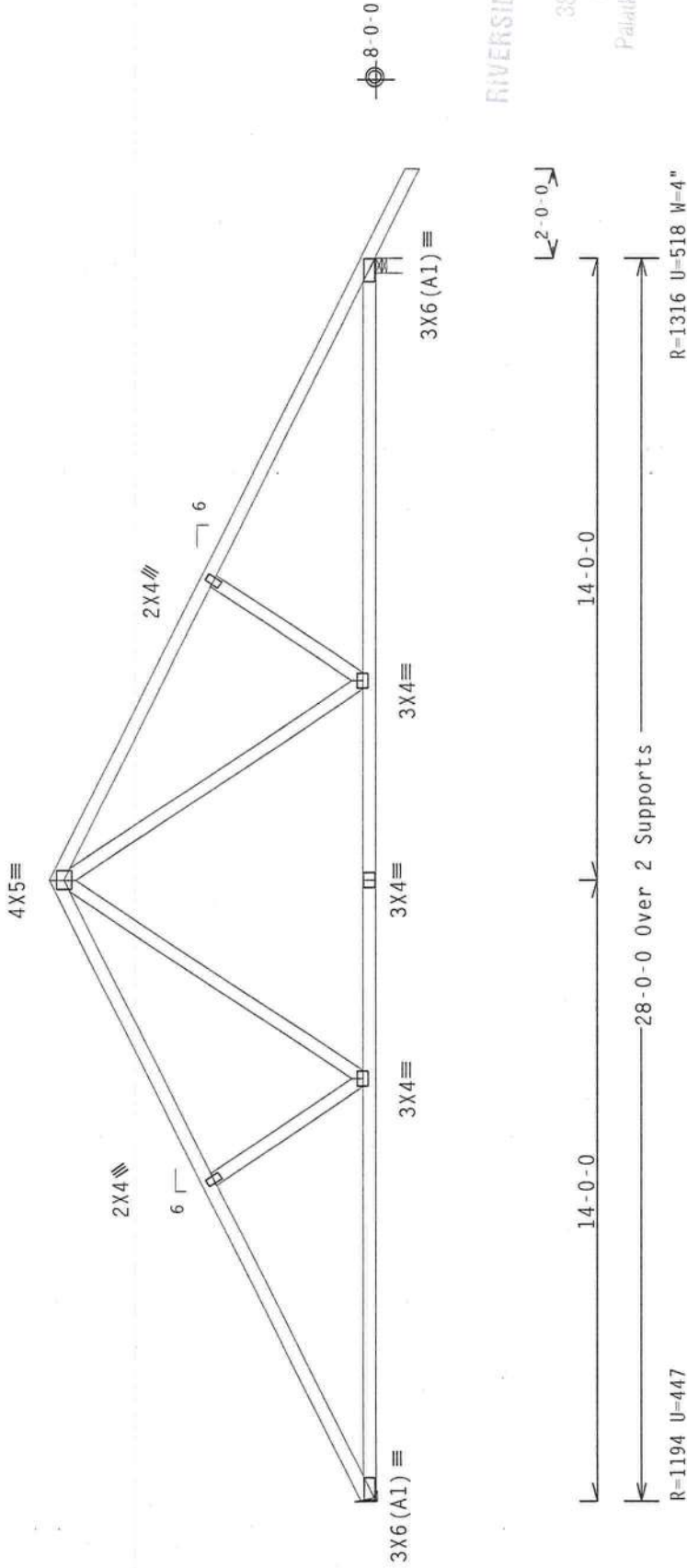
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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

Note: Specified hanger(s) based on southern pine
lumber values. Refer to hanger manufacturer's
product catalog for proper applications.

Hanger = Simpson HUS26 or equivalent.

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, CLOSED 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.
386-325-1223
386-325-6443 Fax
P.O. Box 1739
Palatka, FL 32178-1739

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

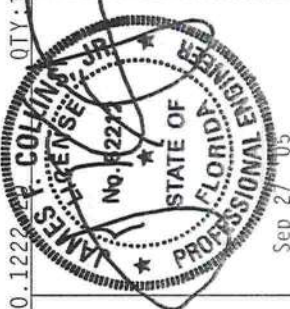
7.10.1222 22 FL/-2/-/-/R/-

Scale = .25"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 10000 W. 10TH AVE., SUITE 200, MADISON, WI 53719, AND AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTORS), 500 N. DEARBORN AVE., SUITE 1000, CHICAGO, IL 60610, 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 AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTORS), 500 N. DEARBORN AVE., SUITE 1000, CHICAGO, IL 60610, AND AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTORS), 500 N. DEARBORN AVE., SUITE 1000, CHICAGO, IL 60610, UNLESS OTHERWISE INDICATED ON THIS DESIGN. POSITION PER DRAWINGS 160A-2. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE INDICATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY DEVIATION FROM THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE SUITABILITY AND USE OF THIS CONSTRUCTION IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISC 1.5.2.

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

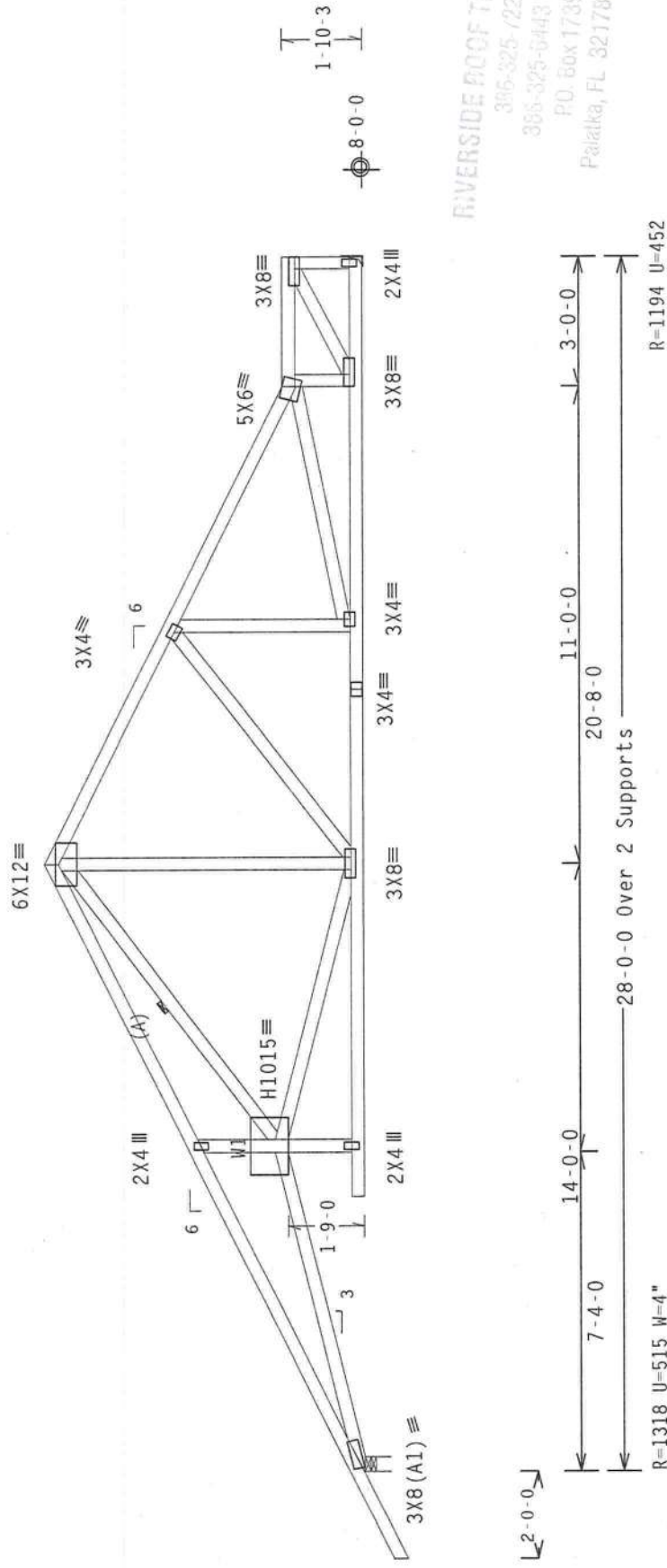


TC LL	20.0 PSF
TC DL	7.0 PSF
BC DL	5.0 PSF
BC LL	10.0 PSF
TOT. LD.	42.0 PSF
DUR. FAC.	1.25
SPACING	24.0"

REF	R917 --	30030
DATE	09/27/05	
DRW	HCUSR917	05270005
HC-ENG	CR/DLJ	
SEQN	117964	
JREF	15QU917_Z01	

JREF- 1SQU917_Z01

Handker = Simpson HUS26 or equivalent.



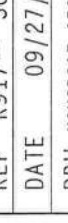
RIVERSIDE ROOF TRUSS, INC.
386-325-1223
386-325-0443 FAX
P.O. Box 1739
Palatka, FL 32178-1739

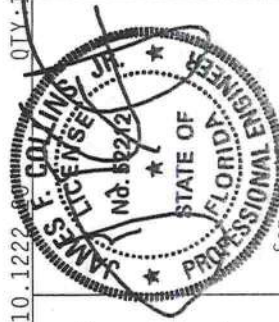
PLT TYP. 20 Gauge HS.Wave

Design Crit: TPI-2002(STD)/FBC

7.10.1222

Scale = .25"/Ft.

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	TC DL	7.0 PSF	DATE 09/27/05
	BC DL	5.0 PSF	DRW HCUSR917 05270007
	BC LL	10.0 PSF	HC-ENG CR/DLJ
	TOT.LD.	42.0 PSF	SEQN- 117965
	DUR.FAC.	1.25	
	SPACING	24.0"	JREF- 15QU917_Z01

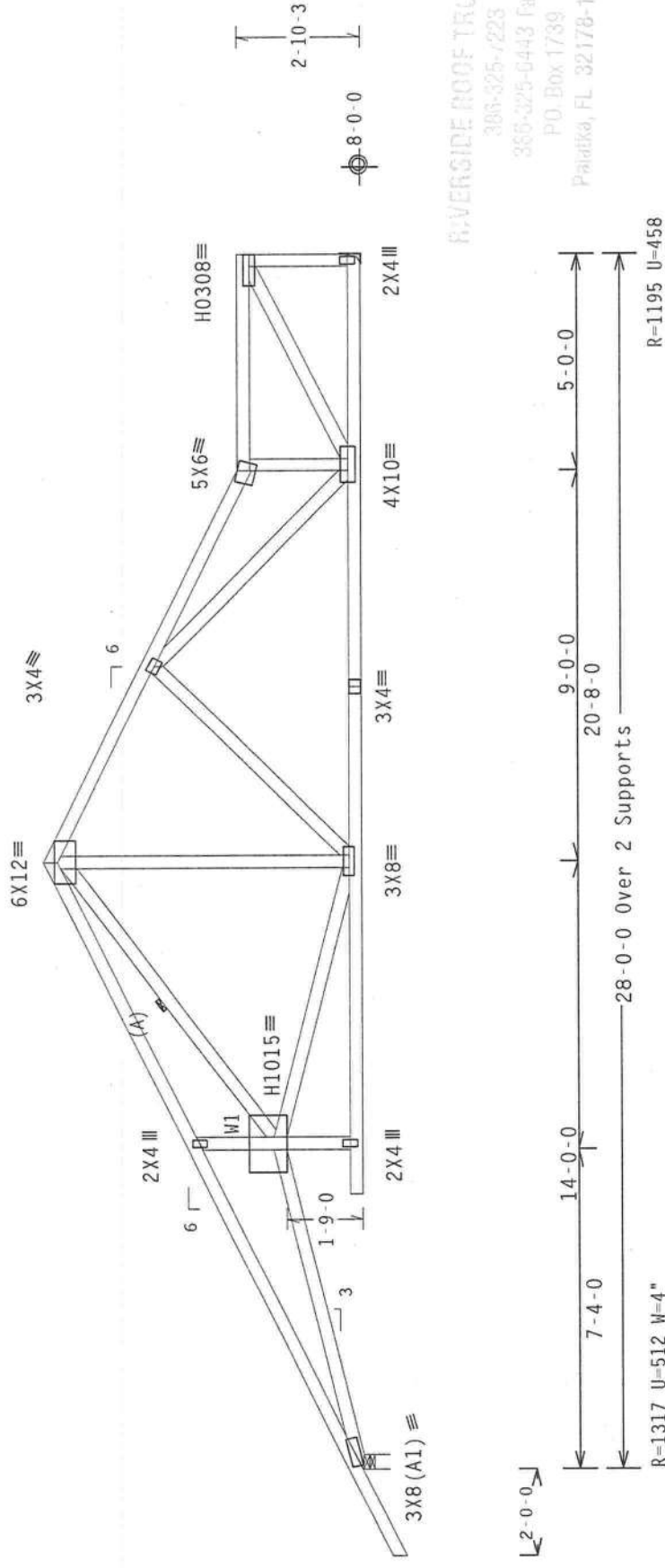


WARNING: THESE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING, AND BRACING. THESE 103 RIBBLING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI CROSS PLATE INSTITUTE, 983
BROADVIEW DR., SUITE 200, MADISON, MI 48719, AND WEA (WOOD TRUSS COMPANY), 6300 ENTERPRISE INDR.
MADISON, MI 48719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED,
TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED
RIGID CEILING.

*-INSTALL A COPY OF THIS DESIGN TO THE INSTALLATION CORRECTOR ALPHE ENGINEER
PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE
TROSS IN CONFORMANCE WITH TP12 OR FABRICATING, HANDLING, SHIPPING, INSTALLING OR BRACING OF TROUSSES,
CONNECTOR PLATES ARE MADE OF 6061-T6 ALUMINUM PER MIL-HDBK-23, PART 1, SECTION 9.1.1. APPLY
PLATES TO EACH FACE OF TROUSS SAID, UNLESS OTHERWISE LOCATED OR THIS IS SPECIFIC POSITION PER DRAWINGS 160A-Z.
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER APHR AS OF 1/1/1-2002 SEC. 2.
DRAWING INDICATES ACCEPTANCE OF PROPOSED WORKING PERFORMANCE OF THE TROSS AND THE SEAL ON THIS
BUILDING DESIGNER HAS ASSUMED ALL LIABILITY ON THIS CONTRACT. NO BUILDING IS THE RESPONSIBILITY OF THE

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

Hanger = Simpson HUS26 or equivalent.



RIVERSIDE ROOF TRUSS, INC.
388-325-1228
388-325-0443 FAX
PO Box 1739
Palmdale, FL 32178-1739

PLT TYP. 20 Gauge HS. Wave

Design Crit: TPI-2002(STD)/FBC

7.10.1222.20

Scale = .25"/Ft.

TC LL	20.0 PSF	REF R917-- 30033
TC DL	7.0 PSF	DATE 09/27/05
BC DL	5.0 PSF	DRW HCUSR917 05270008
BC LL	10.0 PSF	HC-ENG CR/DLJ
TOT.LD.	42.0 PSF	SEQN- 117966
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SQU917_Z01



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

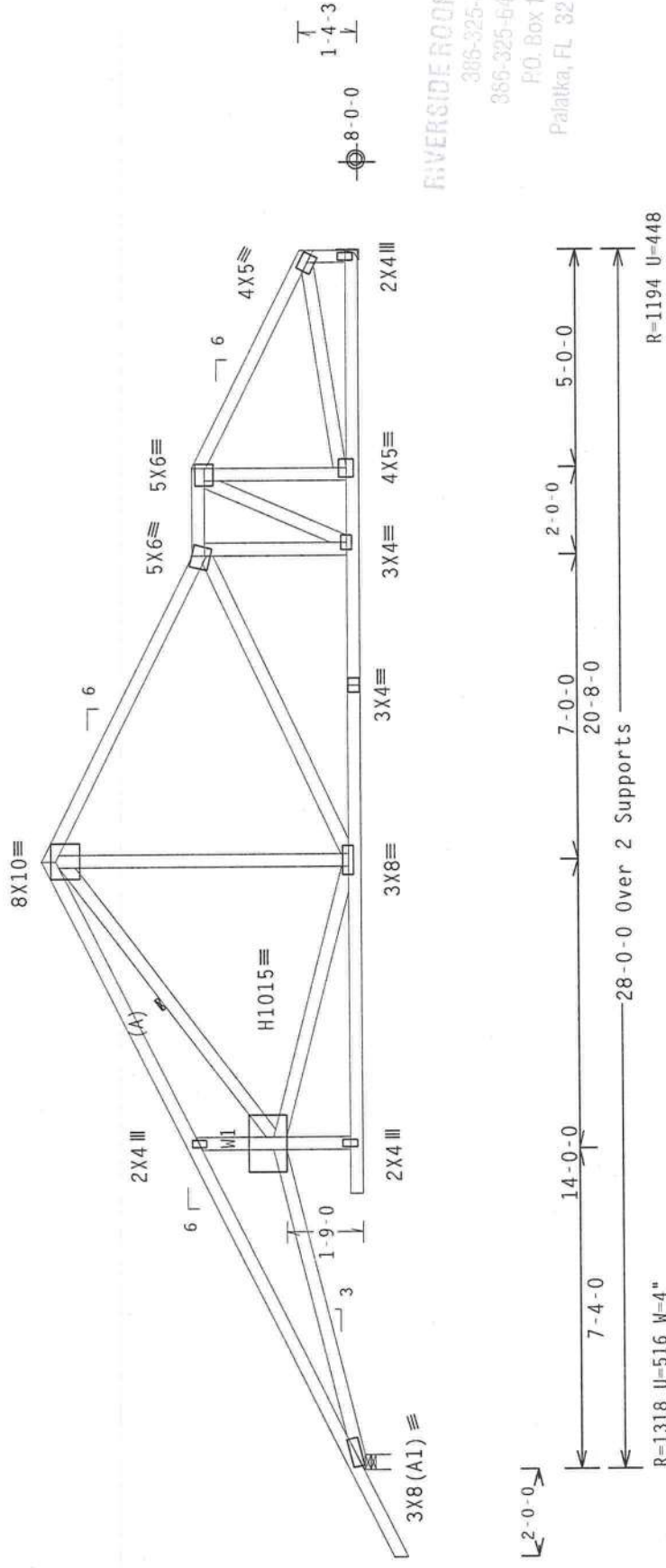
Top	chord	2x4	SP	#2	Dense
Bot	chord	2x4	SP	#2	Dense
	webs	2x4	SP	#3	:w1 2x4

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

(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.

Note: Specified hanger(s) based on southern pine lumber values. Refer to hanger manufacturer's product catalog for proper applications.

Hander = Simpson HUS26 or equivalent.



RIVERSIDE ROOF TRUSS, INC.
386-325-7223
386-325-5443 Fax
P.O. Box 1739
Palatka, FL 32178-1739

[illegible]

(12653-:Image - Madison -- Tot 13 High Springs, FL - A10)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W1 2x4 SP #2 Dense:

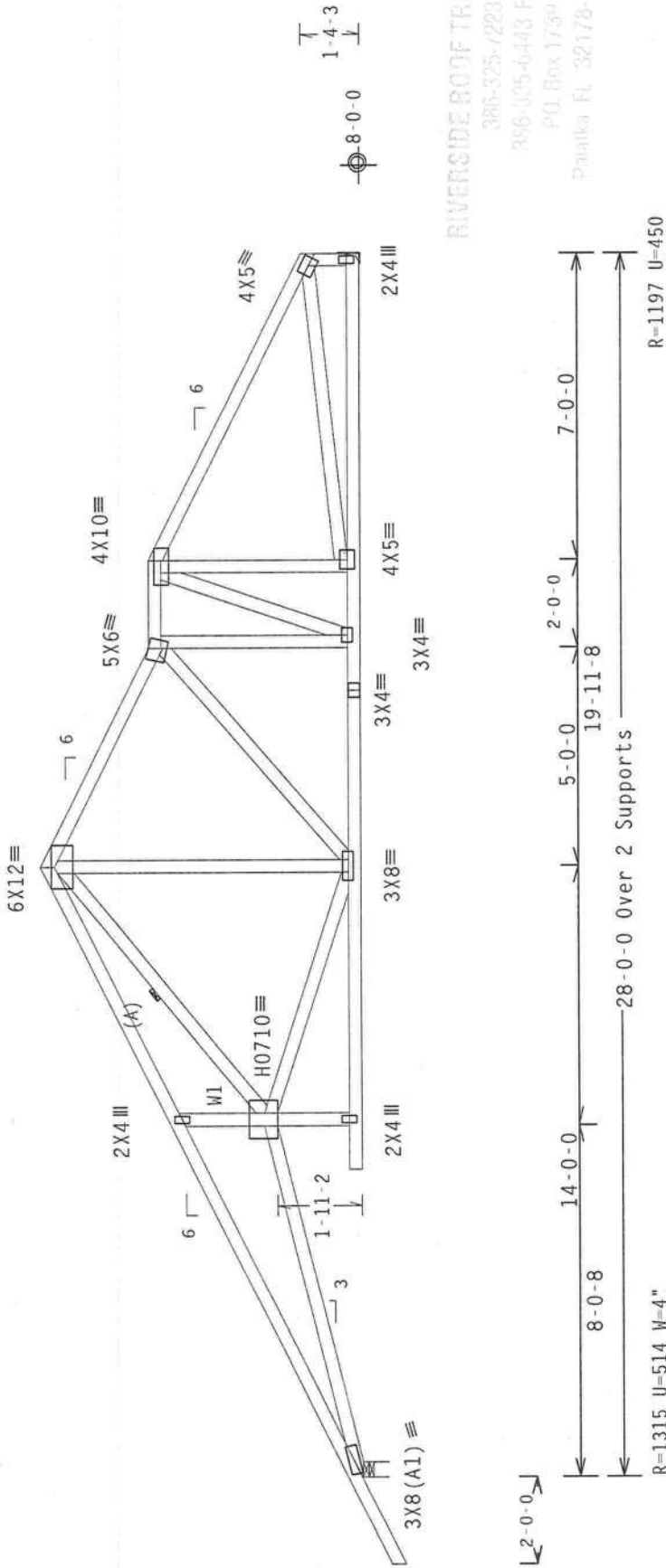
(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

Note: Specified hanger(s) based on southern pine lumber values. Refer to hanger manufacturer's product catalog for proper applications.

Hanger = Simpson HUS26 or equivalent.

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

110 mph wind, 30.00 ft mean hgt. ASCE 7-98, CLOSED 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 1734
Panama FL 32178-1739

PLT TYP. 20 Gauge HS, Wave

Design Crit: TPI-2002(STD)/FBC

7.10.1223 QTY: 1

Scale = .25"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND MICA (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 ENGINEERING PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR THE PROPER INSTALLATION OF THE TRUSS. ANY FACTORS THAT WOULD INFLUENCE THE TRUSS'S PERFORMANCE SHALL BE THE RESPONSIBILITY OF THE INSTALLER. ALPINE ENGINEERING SHALL NOT BE RESPONSIBLE FOR THE PROPER INSTALLATION OF THE TRUSS. ANY FACTORS THAT WOULD INFLUENCE THE TRUSS'S PERFORMANCE SHALL BE THE RESPONSIBILITY OF THE INSTALLER. ALPINE ENGINEERING SHALL NOT BE RESPONSIBLE FOR THE PROPER INSTALLATION OF THE TRUSS. ANY FACTORS THAT WOULD INFLUENCE THE TRUSS'S PERFORMANCE SHALL BE THE RESPONSIBILITY OF THE INSTALLER.

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

REF	R917--	30035
DATE	09/27/05	
DRW	HCUSR917	05270010
HC-ENG	CR/DLJ	
SEQN	117968	
DUR.FAC.	1.25	
SPACING	24.0"	
JREF	1SQ0917_Z01	

REF	R917--	30036
DATE	09/27/05	
DRW	HCUSR917	05270011
	HC-ENG	CR/DLJ
SEQN-	117969	
JRFE-	15011917	701

des
Sep

FL Certificate of Authorization # 567

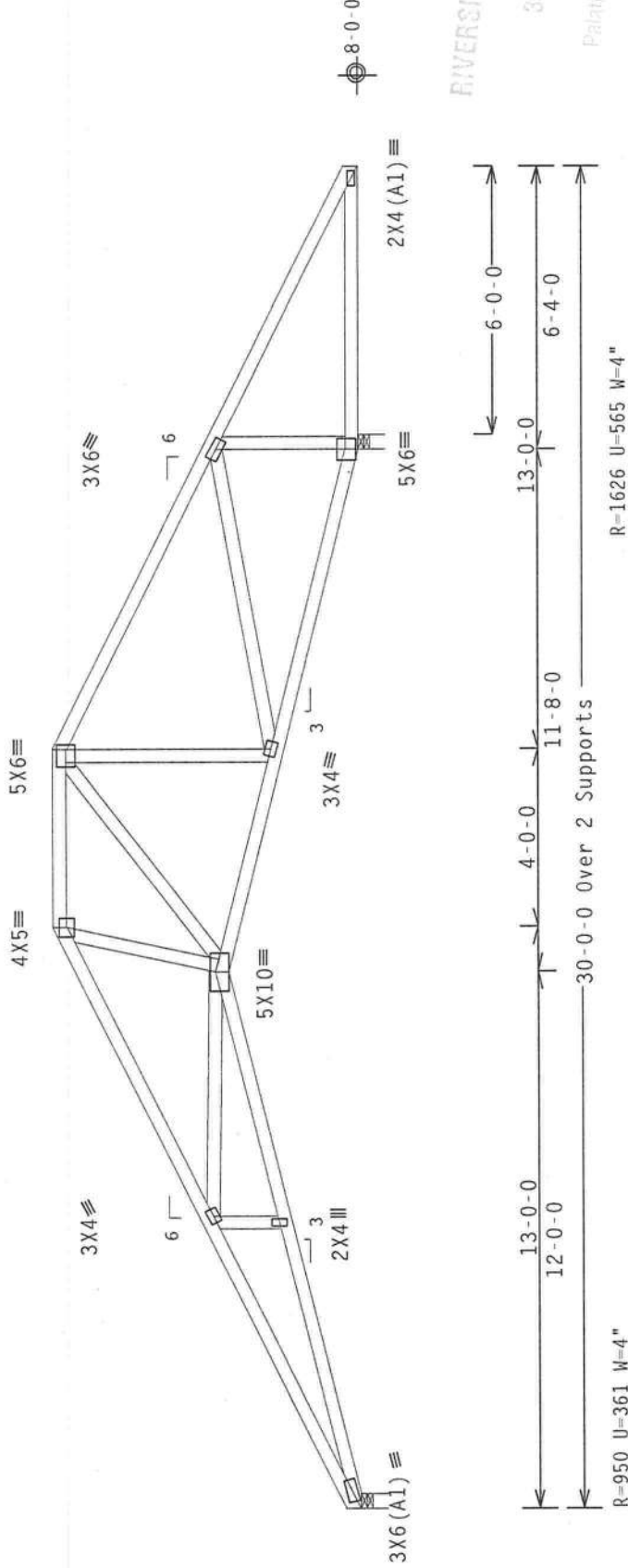
SPACING 24.0"

(12653 :Image - Madison -- lot 13 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, CLOSED 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

7.10.1222.2

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

Scale = .25"/Ft.

 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 BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ODORIO DR., SUITE 200, MADISON, WI 53719) AND AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC., 530 N. DEARBORN, CHICAGO, IL 60610) 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.		REF R917-- 30040
	IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY VIOLATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-2002(STD)/FBC, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF 905 (NATIONAL DESIGN SPEC. BY AISC) AND TPI. ALPINE CORRELATOR PLATES ARE MADE OF 20/10/16GA (A/10/5/5) ASH 6053 GRADE 40/60 (0. 8/10/5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-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.		DATE 09/27/05
			DRW HCUSR917 05270015
			HC-ENG CR/DLJ
			SEON- 117979
			JREF- 15QU917_Z01

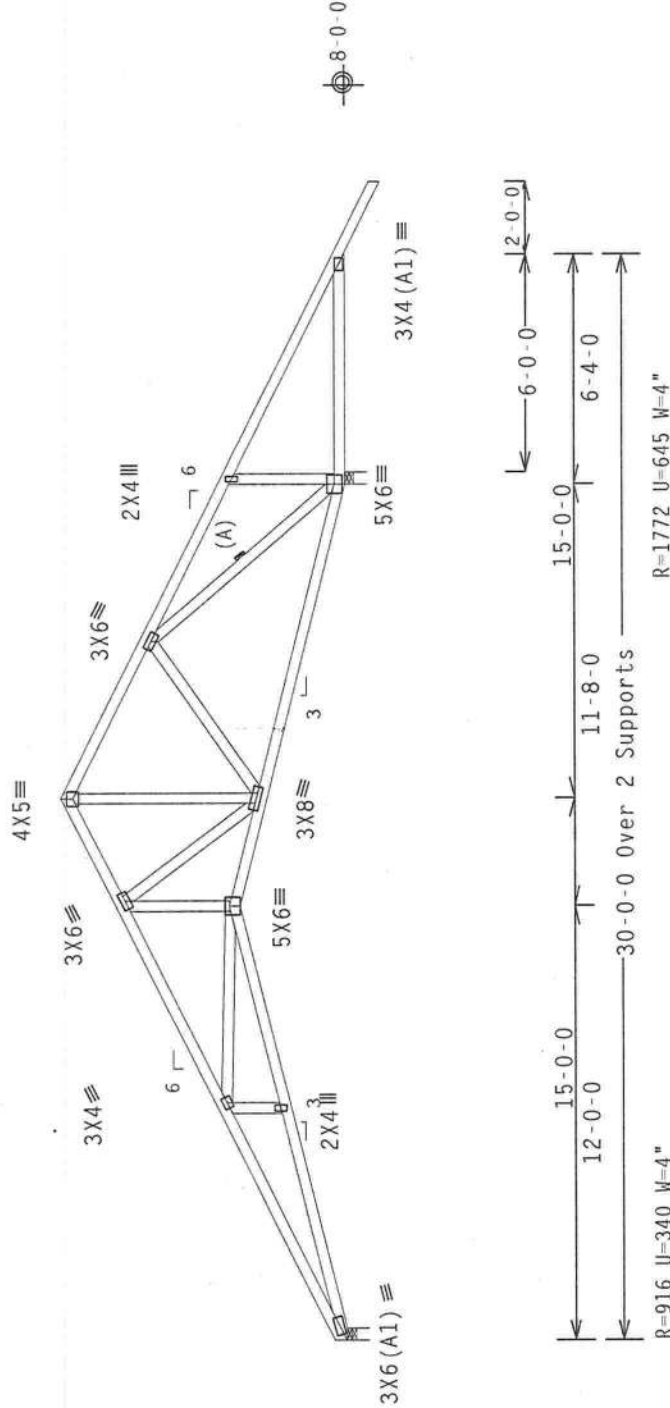
(12653-:Image - Madison -- lot 13 High Springs, FL - B5)

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, CLOSED 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
356-325-6443 Fax
P.O. Box 1739
Palatka, FL 32178-1739

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

7.10.1222

QTY:1

Scale = .1875" / Ft.

 Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844 FL Certificate of Authorization # 567	**WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND MICA (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 THE DESIGN AND FABRICATION OF THE TRUSS. ANY FAILURE TO BUILD THE TRUSS IN ACCORDANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLER. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR THE DESIGN OR FABRICATION OF THE TRUSS. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR THE DESIGN OR FABRICATION OF THE TRUSS. ALPINE DESIGN CONNECTIONS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC., BY AISC) AND TPI (ALPINE CONNECTION PLATES ARE MADE OF 20/18/106GA (W/JUS/P) ASTM A563 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-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AISC AX 3 OF TPI-2002 SEC-2. A SEAL ON THIS DRAWING INDICATES APPROVAL OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISC/TPI 1 SEC. 2.			
	TC LL	20.0 PSF	REF R917--	30041		
	TC DL	7.0 PSF	DATE	09/27/05		
	BC DL	5.0 PSF	DRW HCUSR917	05270016		
	BC LL	10.0 PSF	HC-ENG CR/DLJ			
	TOT.LD.	42.0 PSF	SEQN-	117973		
	DUR.FAC.	1.25				
	SPACING	24.0"	JREF-	15QU917_201		

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

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun_nails)

Top Chord: 1 Row @12.00" o.c.

Bot Chord: 1 Row @12.00" o.c.

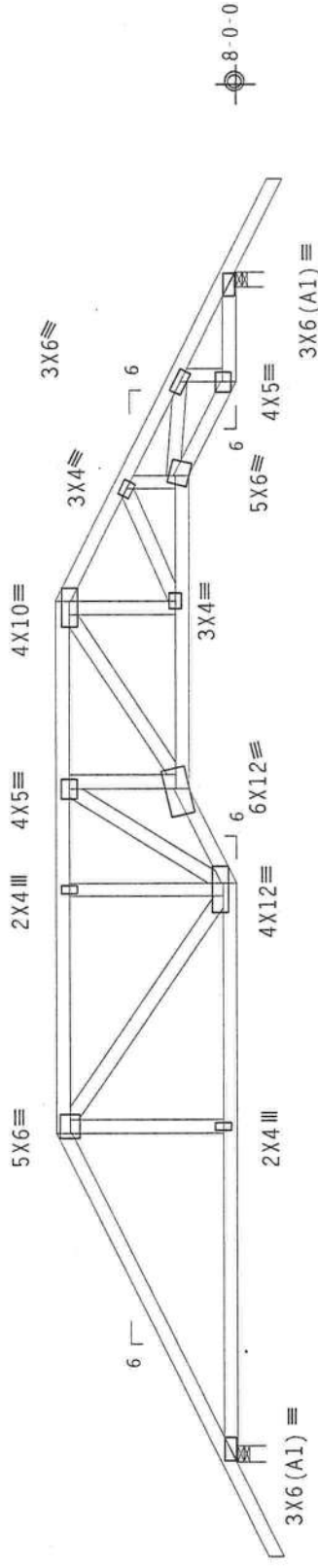
Webs : 1 Row @ 4" O.C.

Use equal spacing between rows and stagger nails in each row to avoid splitting.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED 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.



2-0-0

2-0-0

Diagram of a beam with dimensions and supports:

- Left end: 7'-0" (pointing left)
- First support: 12'-4" (pointing right)
- Second support: 11'-4" (pointing right)
- End: 2'-0" (pointing right)
- Label: 25'-4" Over 2 Supports

R=2223 U=585 W=4"

R=2223 U=585 W=4"

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

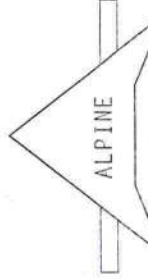
PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

7.10.1222.09

Scale = .25"/Ft.

WARNING—FUSSES, REPAIRS, EXISTING CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RC51-1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (STRESS PLATE INSTITUTE, 503 O'DROFFER DR., SUITE 200, MADISON, MI 48131) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, MI 48131) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

[illegible]

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

FL Certificate of Authorization #567

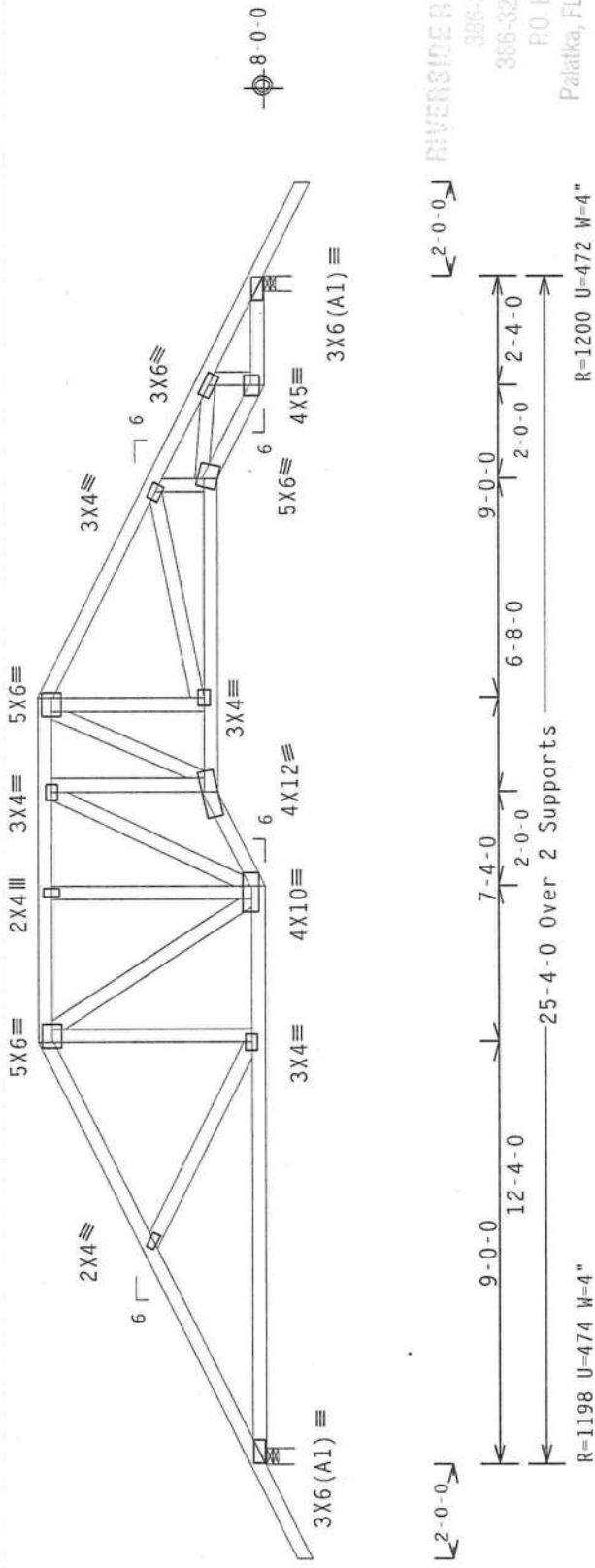
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DATE	09/27/05	
DRW	HCU9R17	05270018
HC-ENG	CR/DLJ	
SEQN-	117990	
JREF-	1SQU917_Z01	

(12653-:Image - Madison -- lot 13 High Springs, FL - C2)

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

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, CLOSED 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

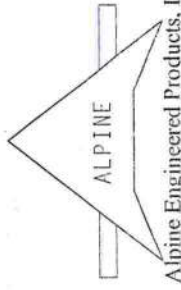
7.10.1222

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

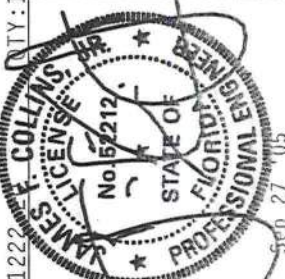
Scale = .25"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 593 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND NCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERS PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THE DESIGN OR INSTALLATION OF THIS TRUSS. THE DESIGNER'S RESPONSIBILITY IS TO PROVIDE THE TRUSS WITH THE NECESSARY BRACING AND TO ENSURE THAT THE TRUSS IS INSTALLED AND BRACED IN ACCORDANCE WITH THE DESIGN. THE DESIGNER SHALL BE RESPONSIBLE FOR THE TRUSS COMPONENTS. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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

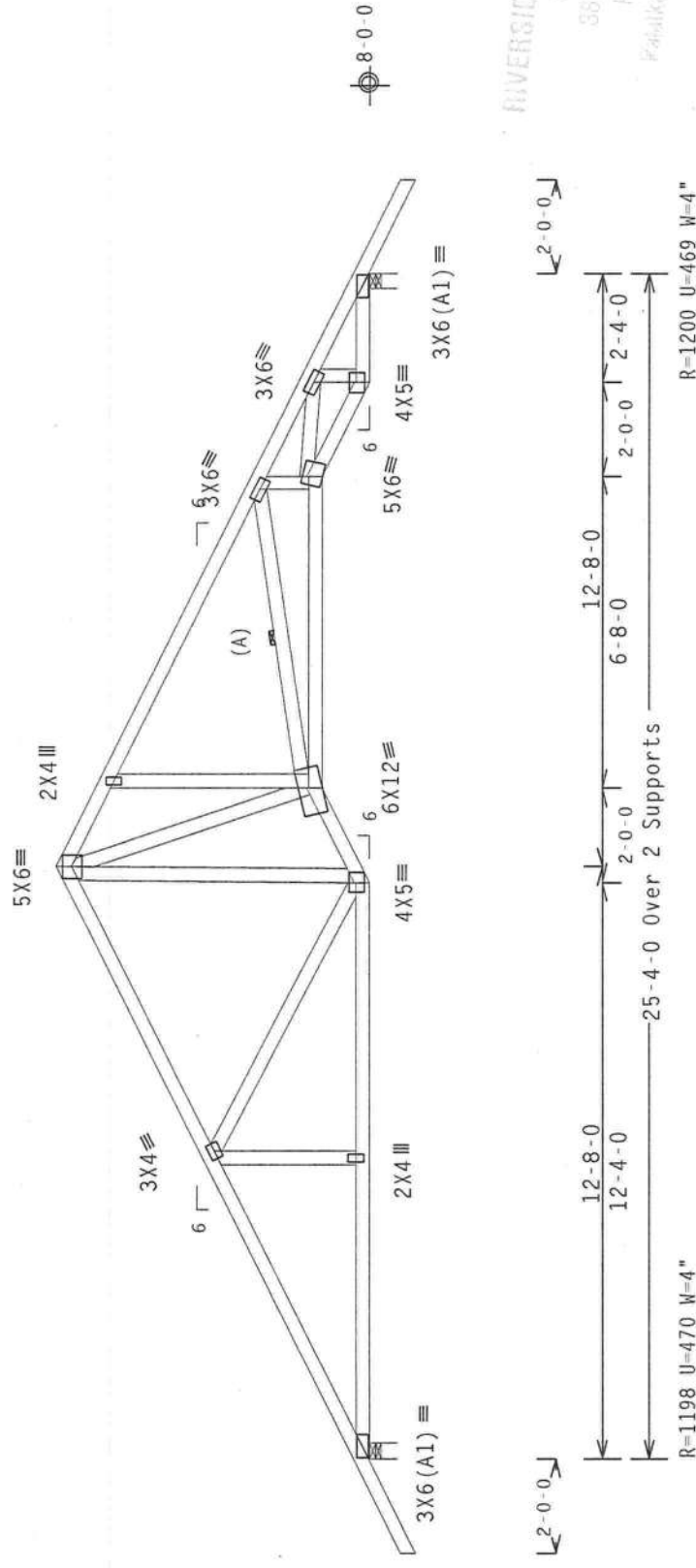


TC LL	20.0 PSF
TC DL	7.0 PSF
BC DL	5.0 PSF
BC LL	10.0 PSF
TOT.LD.	42.0 PSF
DUR.FAC.	1.25
SPACING	24.0"

REF	R917--	30044
DATE	09/27/05	
DRW	HCUSR917	05270019
HC-ENG	CR/DLJ	
SEON-	117943	
JREF-	15QU917_Z01	

REF	R917--	30045
DATE	09/27/05	
DRW	HCUSR917	05270020
HC-ENG	CR/DLJ	
SEQN	117944	
JREF	15QU917_Z01	

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



RIVERSIDE ROOF TRUSS, INC.
386-325-1225
386-325-6443 Fax
P.O. Box 1739
Kodak, FL 32178-1739

Scale = .25"/Ft.

•WARNING• RUSSES, PROVIDE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFLECTANCE OF THE FOLLOWING CONFORMEY SAFETY INFORMATION, PUBLISHED BY THE PLASTIC INSTITUTE, 509 D-ORDER TO DR., SUITE 200, MADISON, WI 53719, AND AICA, 4000 TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE BL., MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE NOTED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED TOP CHORD CEILING.

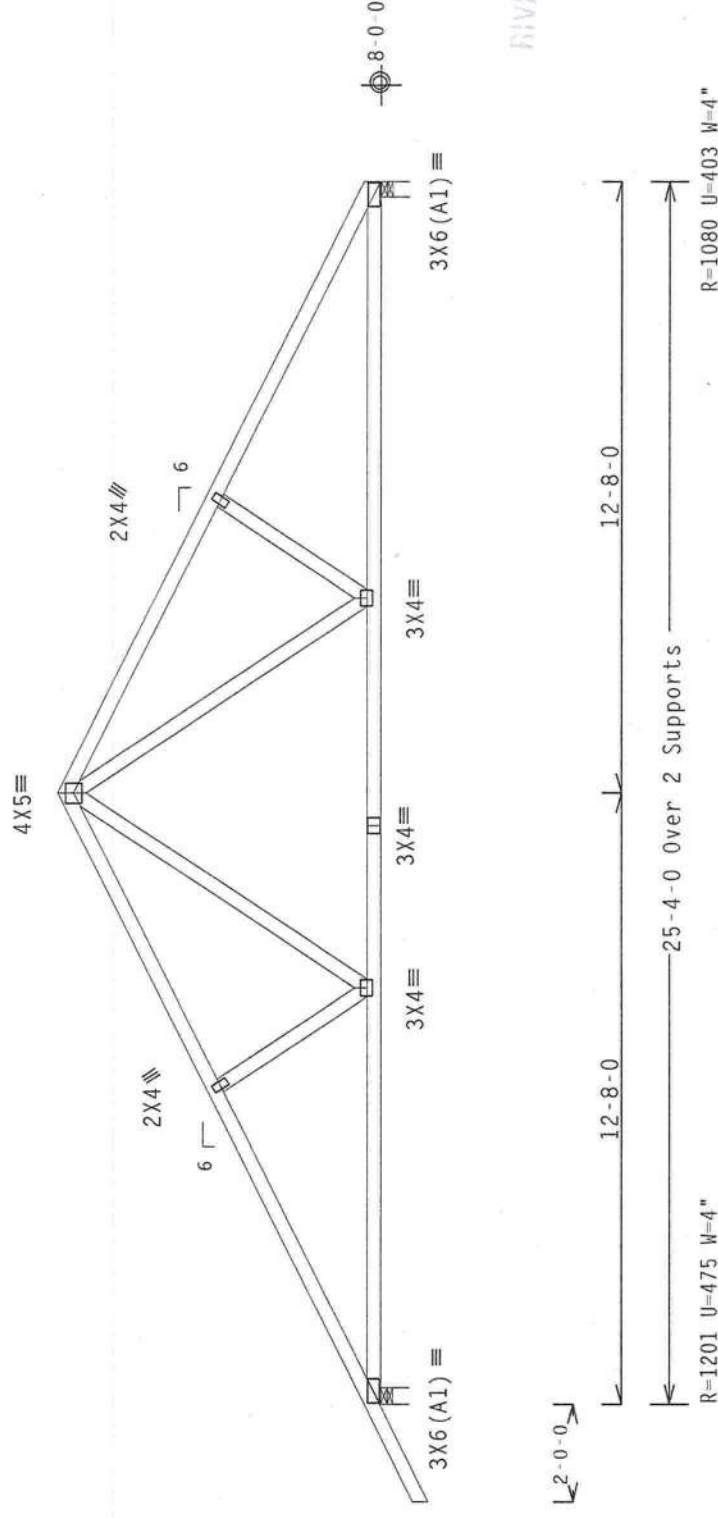
ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

***-IMPORTANT*-**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPHEE ENGINEERING PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY OVERTIGHTENING OF THIS DESIGN. ANY FAILURE TO FOLLOW THE DESIGN CONDITIONS WILL CAUSE THE PROFESSIONAL ENGINEER DESIGNER, INCLUDING AN AGENT OF THOSE DESIGNERS, COMPANIES WITH WHATEVER PROFESSIONAL LIABILITY INSURANCE COVERAGE, AND/OR THE AGENCY APPLYING FOR PERMITS, TO BE RESPONSIBLE FOR ANY DAMAGE TO THE STRUCTURE OR PERSONS OR PROPERTY. ALL CONNECTING PLATES ARE MADE OF 2019/T6G60 (A/R) ASHLE 8653 8900C 40260 (A/R) 5% SILEX STEEL. PLATES TO EACH END OF THISSIDE, AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ABRI 6.3 OF 1971-2002 SEC.3; A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE THISS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/JPT 1 SEC. 2.

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

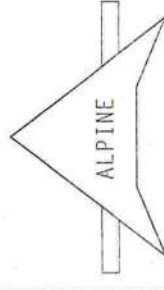
Haines City, FL 33844
FL Certificate of Authorization # 567

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



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

PLT TYP. Wave



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

Design Crit: TPI-2002(STD)/FBC

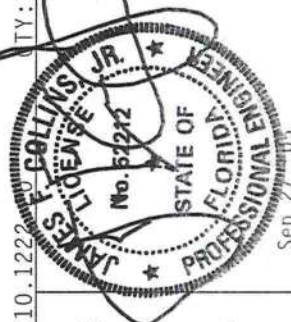
[illegible]

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

[illegible]

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERMITTED AS OF 1/11/2002 SEC. 3. A SEAL OR THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE 100% 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.

7.10.122259



Sen

Scale = .25"/Ft.

TC LL	20.0 PSF	REF	R917 -- 30047
TC DL	7.0 PSF	DATE	09/27/05
BC DL	5.0 PSF	DRW	HCUSR917 05270022
BC LL	10.0 PSF	HC-ENG	CR/DLJ
TOT.LD.	42.0 PSF	SEQN-	117949
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	15QU917_Z01

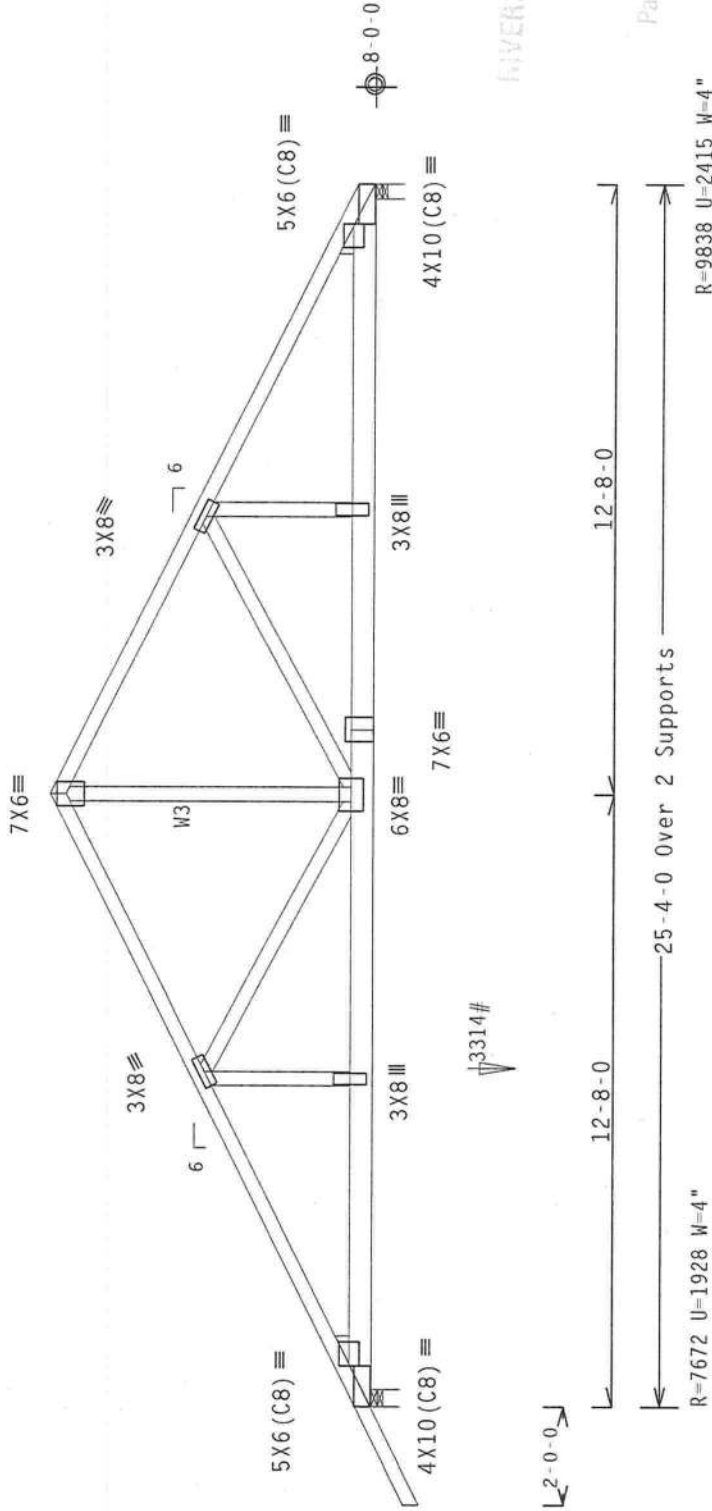
Top chord 2x4 SP #2 Dense
Bot chord 2x6 SP #1 Dense
Webs 2x4 SP #3 :W3 2x4 SP #2 Dense:
:Lt Wedge 2x4 SP #3::Rt Wedge 2x4 SP #3:

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

THIS GIRDER DESIGNED TO SUPPORT A 30'-0" SPAN HIPSET WITH
A 7'-0" SETBACK HIP MONO #1 HIP FRAMING TO THE BOTTOM
CHORD AT 7'-0" FROM THE LEFT END. THE OPPOSITE SIDE
SUPPORTS 7'-0" JACKS. JACKS HAVE NO WEBS.

3 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 3 Rows @ 4.00" o.c. (Each Row)
Webs : 1 Row @ 4.00" o.c.
Repeat nailing as each layer is applied. Use equal spacing
between rows and stagger nails in each row to avoid splitting.
Deflection meets L/240 live and L/180 total load.



HIVERSIDE ROOF TRUSS, INC.
385-325-7223
385-325-0443 Fax
PO Box 1739
Palatka, FL 32178-1739

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

7.10.1222

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

Scale = .25"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 983 S. 10TH AVE., SUITE 100, GAITHERSBURG, MD 20878) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719) FOR SAFETY INFORMATION. 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. DESIGNER CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI. ALPINE CORRELATOR PLATES ARE MADE OF 2018/166A (A/4/5/6) ASTM A563 GRADE 60/60 (W, K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 150A-2. ANY INSPECTION OF PLATES FOLLOWED BY (3) SHALL BE PER AISC A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES THE ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGNER. THE LIABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISC/TPI 1 SEC. 2.



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



Sep 27 '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"

JREF- 150U917_Z01

(12653--:Image - Madison -- Tot 13 High Springs, FL - D1)

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

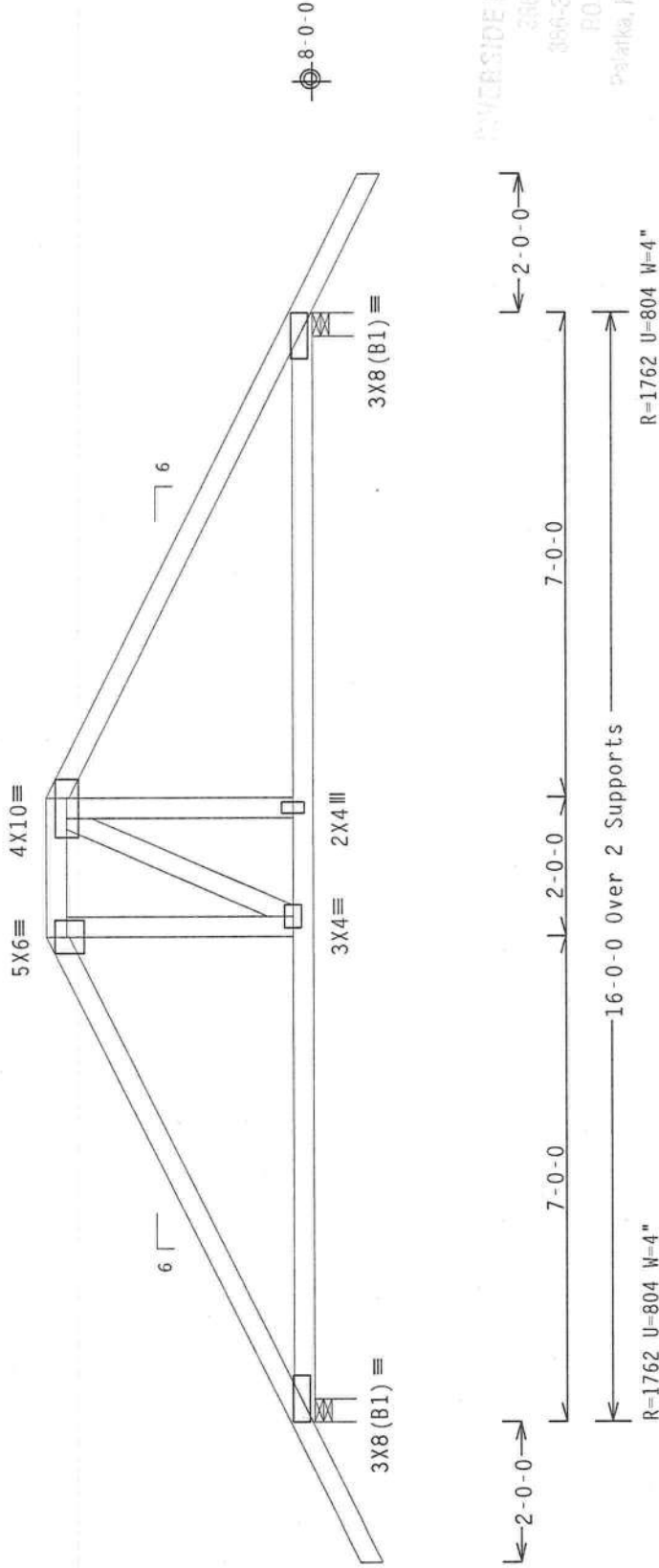
110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, Located
anywhere in roof, CAT II, EXP B, wind TC DL=4.0 psf, wind BC DL=3.0 psf.

Loading has been calculated by the truss fabricator.
It is the responsibility of the building designer to
verify and approve the loading.

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 56 PLF at -2.00 to 56 PLF at 18.00
BC - From 30 PLF at 0.00 to 30 PLF at 16.00
TC - 345 LB Conc. Load at 7.00, 9.00
BC - 621 LB Conc. Load at 7.00, 9.00

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



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

7.10.1222

TY:1 FL/-12/-1-/R/-

Scale = .375"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO IBCS 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ORFIO DR., SUITE 200, MADISON, WI 53719) AND MICA (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 THE DESIGN OR FOR ANY DAMAGE TO THE BUILDING OR PERSONS OR PROPERTY. THE DESIGNER SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND BRACING OF THE TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTORS) AND AISC 360 (STEEL DESIGN GUIDE). DESIGNER SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND BRACING OF THE TRUSSES. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A5 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF THIS DESIGN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISC/TPI 1 SEC. 2.



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



Sep 27 '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--	30049
DATE	09/27/05	
DRW	HCUSR917	05270044
HC-ENG	CR/DLJ	
SEQN	117992	
JREF	15QU917_Z01	

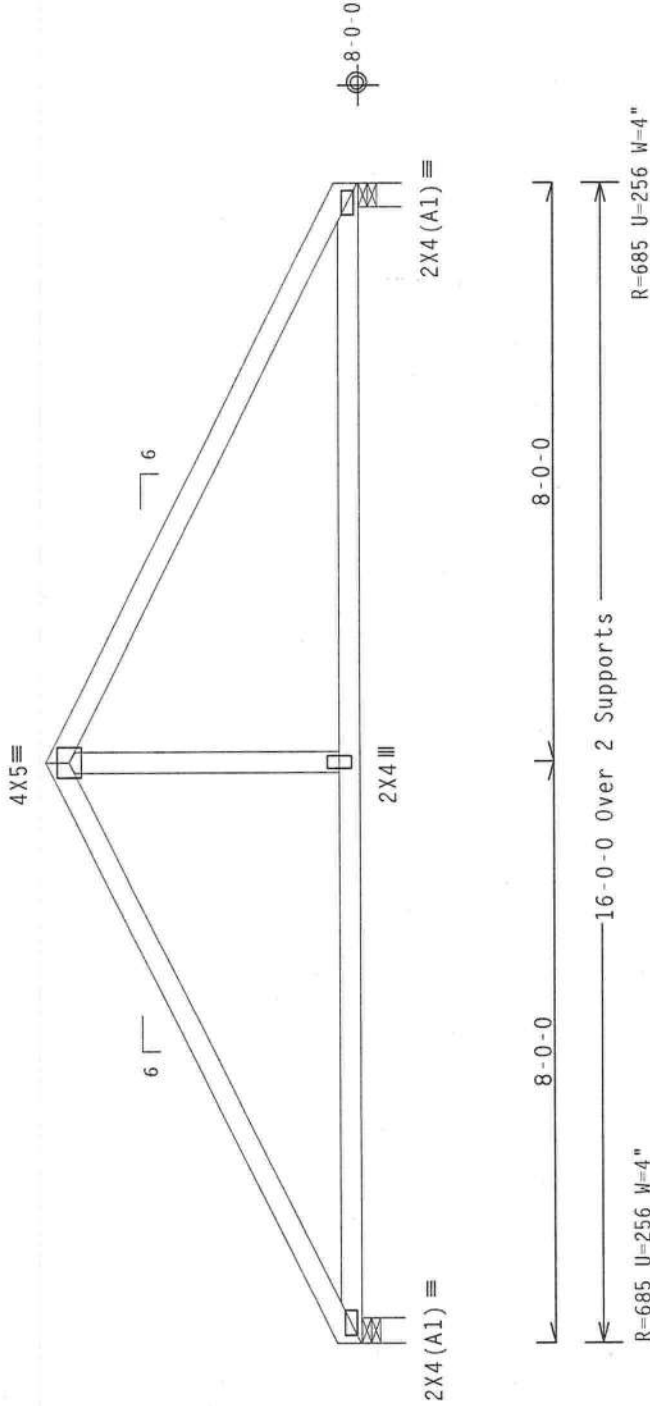
FL Certificate of Authorization # 567

(12653-:Image - Madison -- lot 13 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, CLOSED bldg, Located
anywhere in roof, CAT II, EXP B, wind TC DL=4.0 psf, wind BC DL=3.0
psf.



FAIRBANKS ROOF TRUSS, INC.
366-325-1223
366-325-6443 Fax
PO Box 1789
Palatka, FL 32178-1789

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

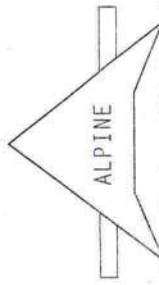
7.10.1222

QTY:1

Scale = .375"/Ft.

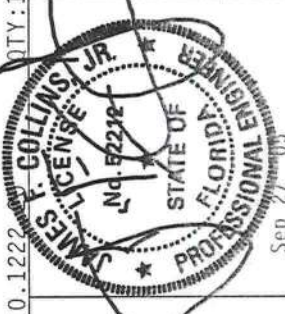
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 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**** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERING 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 BCS (NATIONAL DESIGN SPEC. BY AIA/AS) AND AIA/AS. APPLY CORRECTION PLATES TO THE TRUSS AND UNLESS OTHERWISE INDICATED ON THIS DESIGN, POSITION PER DRAWING 160A-72. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AIA/AS 3.3 OF 10-1-2002 SEC.3. A SEAL OR 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 AIA/AS 1.1 SEC. 2.



Alpine Engineering 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--	30051
DATE	09/27/05	
DRW	HCUSR917	05270024
HC-ENG	CR/DLJ	
SEQN-	117956	
JREF-	150U917_Z01	

FL Certificate of Authorization # 567

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

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" _Gun_nails)

Top Chord: 1 Row @12.00" o.c.

Top Chord: 1 Row @ 12.00" 0.0. (Each Row)
Bot Chord: 2 Rows @ 4.00" 0.0. (Each Row)

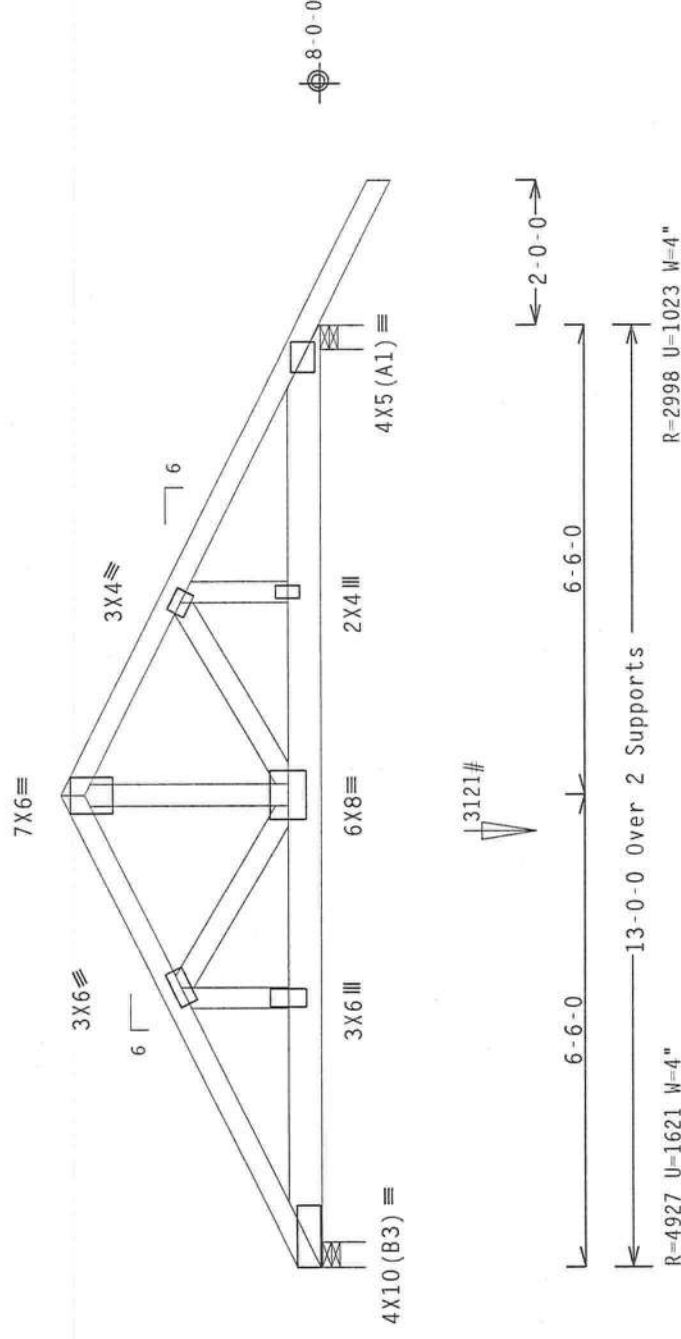
Webs : 1 Row @ 4.00" O.C.

Use equal spacing between rows and stagger nails in each row to avoid splitting.

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

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

THIS GIRDER DESIGNED TO SUPPORT A 30'-0" SPAN HIPSET WITH A 7'-0" SETBACK SYMMETRIC #1 HIP FRAMING TO THE BOTTOM CHORD AT 7'-0" FROM THE RIGHT END, THE OPPOSITE SIDE SUPPORTS 7'-0" JACKS. JACKS HAVE NO WEBS.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

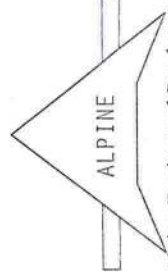
7

_QTY:1 FL/-/2/-/-/R/-/

Scale = .375"/Ft.

*WARNING** TRUSSES REQUIRING EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, UNLOADING AND BRACING.
TRUSS COMPANY INC., 7000 N. WILSON AVE., SUITE 200, MADISON, WI 53719
DANGER TO DR., SUITE 200, MADISON, WI 53719
MADISON, WI 53719

UNLESS OTHERWISE INDICATED,
TOP CHORD SHALL HAVE PROPERLY ATTACHED
STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED
FLUSH CEILING.

[illegible]

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

FL Certificate of Authorization # 567

10.122	QTY: 1	FL / 2 / - / R / -	20.0 PSF	TC LL	REF R917 - - 30053	Scale = 3/5" / Ft.
			7.0 PSF	TC DL	DATE 09/27/05	
			5.0 PSF	BC DL	DRW HCUR917 05270045	
			10.0 PSF	BC LL	HC-ENG CR/DLJ	
			42.0 PSF	TOT.LD.	SEON - 118009	
			1.25	DUR.FAC.		
			24.0"	SPACING		

SEP 27 1965

(12653--Image - Madison -- Tot 13 High Springs, FL - F1)

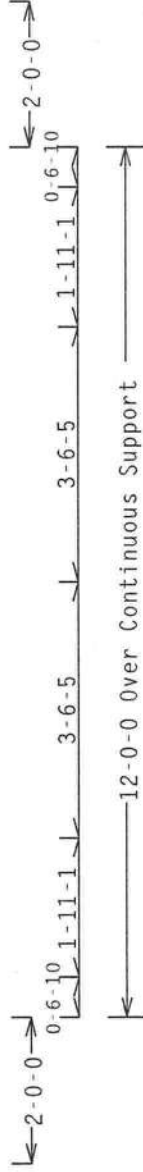
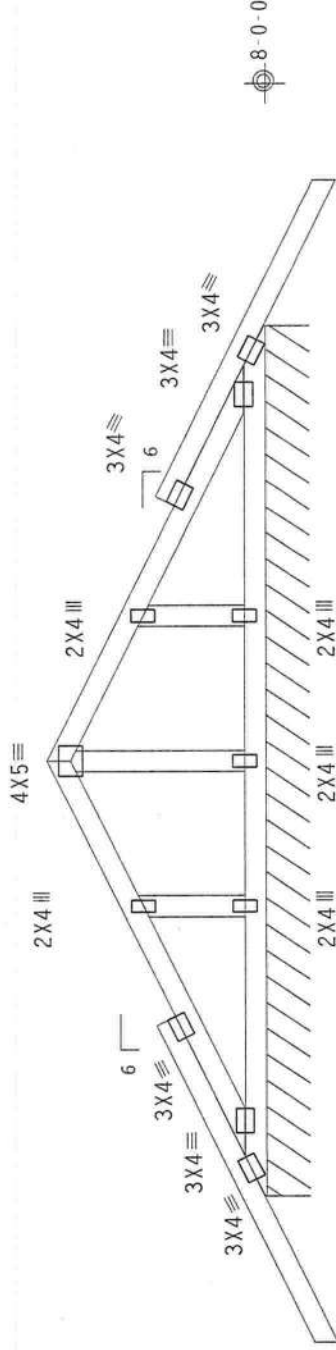
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

See DWGS A11030EC1103 & GBLLETIN1103 for more requirements.

Gable end supports 8" max rake overhang.

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, CLOSED 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=104 PLF U=43 PLF W=12'-0"

RAVENHIDE ROOF TRUSS, INC.
385-325-1223
385-325-6443 Fax
P.O. Box 1730
Palatka, FL 32178-1730

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

QTY: 1 FL/-12/-1-/R/-

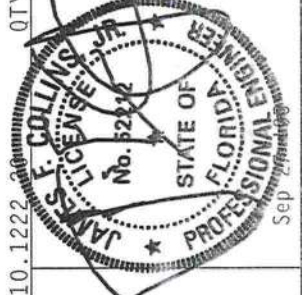
Scale = .375"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND NITCA (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'S OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. TRUSS COMPONENTS ARE MADE OF 20/100/1600 (N-JUST) ASTM A575 GRADE 40/65 (K-JUST) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC. 3. A SEAL OR THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGNER SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
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--	30055
DATE	09/27/05	
DRW	HCUSR917	05270027
HC-ENG	CR/DLJ	
SEQN	117950	REV
JREF	15QU917_Z01	

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun_nails)
 Top Chord: 1 Row @ 12.00" o.c.
 Bot. Chord: 2 Rows @ 5.00" o.c. (Each Row)
 Webs : 1 Row @ 4" o.c.

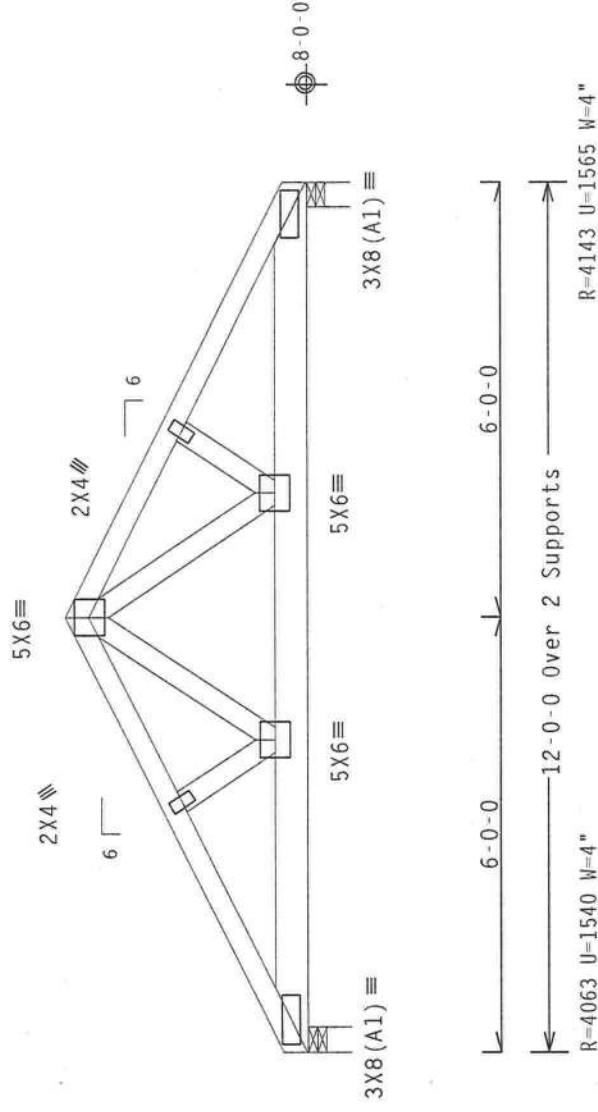
SPECIAL LOADS

	(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)	
TC - From	56 PLF at 0.00 to	56 PLF at 6.00
TC - From	56 PLF at 6.00 to	56 PLF at 12.00
BC - From	30 PLF at 0.00 to	30 PLF at 12.00
BC - 1198 LB Conc.	Load at 1.06,	9.06
BC - 1194 LB Conc.	Load at 3.06,	5.06, 7.06
BC - 1200 LB Conc.	Load at 11.06	

Loading has been calculated by the truss fabricator. It is the responsibility of the building designer to verify and approve the loading.

110 mph wind, 15.00 ft mean hgt., ASCE 7-98, CLOSED 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.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

7.10.1222

Scale = .375"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO AISC 1-03 (BUILDING COMPONENTS INFORMATION), PUBLISHED BY THE TRUSS PLATE INSTITUTE, 503 D'ORFORD DR., SUITE 200, MADISON, WI 53719, AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR ANY EVALUATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE ALPINE ENGINEERED HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONDITIONS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AISC) AND TPI, ALPINE CONNECTION PLATES ARE MADE OF 2019/10/16/04 (4-1/2"/12") ASTM A653 GRADE 40/60 (40, 60/50) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED BY THIS DESIGN, POSITION PER DRAWINGS 1600-7. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AISC 4.3 OF TPI 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISI/TPI 1 SEC. 2.

REF	R917 --	30056	TC LL	20.0	PSF
DATE	09/27/05		TC DL	7.0	PSF
DRW	HCUSR917	05270046	BC DL	5.0	PSF
	HC-ENG CR/DL/J		BC LL	10.0	PSF
	SEQN-	117995	TOT.LD.	42.0	PSF
			DUR.FAC.	1.25	
			SPACING	24.0"	



Sep 27 '05

JREF- 15QU917_Z01

THE UNIVERSITY OF CHICAGO

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

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

Scale = .375"/Ft.



James City, FL 33844
FL Certificate of Authorization # 567

[illegible]

TC LL	20.0 PSF	REF R917-- 3005
TC DL	7.0 PSF	DATE 09/27/05
BC DL	5.0 PSF	DRW HCUSR917 052700
BC LL	10.0 PSF	HC-ENG CR/DLJ
TOT.LD.	42.0 PSF	SEQN- 118016
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 150U917_20

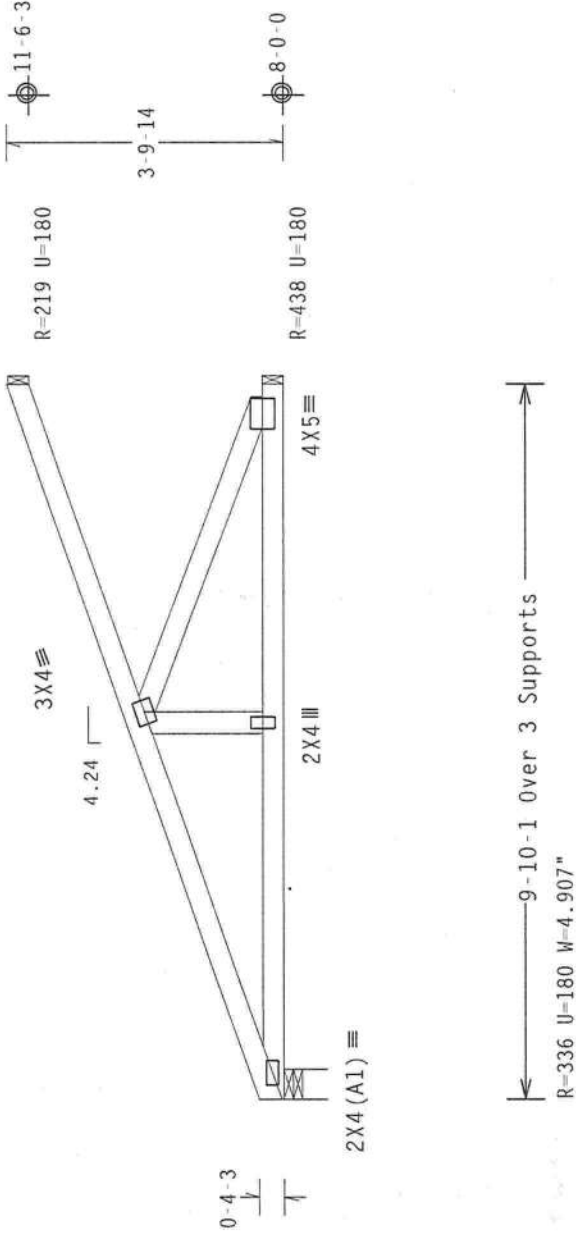
(12653--Image - Madison -- lot 13 High Springs, FL - CJ2)

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

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

Hipjack supports 6-11-8 setback jacks with no webs.

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



RIVERSIDE ROOF TRUSS, INC
385-325-1223
365-325-6443 Fax
P.O. Box 1739
Palatka, FL 32918-1739

PLT TYP. Wave

Design Crit: TPI-2002 (STD)/FBC

7.10.1222

QTY: 1

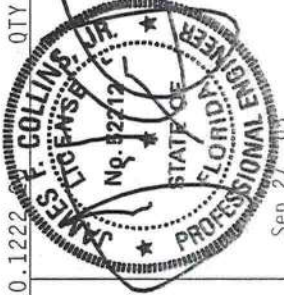
Scale = .375"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 D'ONDORF DR., SUITE 200, MADISON, WI 53719) AND MICA (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 AOS (NATIONAL DESIGN SPEC. BY AIAA) AND TPI. ALPINE CORRELATION PLATES ARE MADE OF 2014/16GA (W-16/24) WITH 6063 GRADE 40/60 (G. 47/53) GALV. STEEL. APPLY ALPINE CORRELATION PLATES TO ALL TRUSSES. CORRELATION PLATES SHALL BE PERFORMED BY TPI OR TPI 2002 SEC. 3.1. ALPINE INSPECTION OF PLATES ALLOWED BY TPI SHALL BE PERFORMED BY TPI OR TPI 2002 SEC. 3.1. ALPINE INSPECTION INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SUEPLY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AIAA/TPI 1 SEC. 2.



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

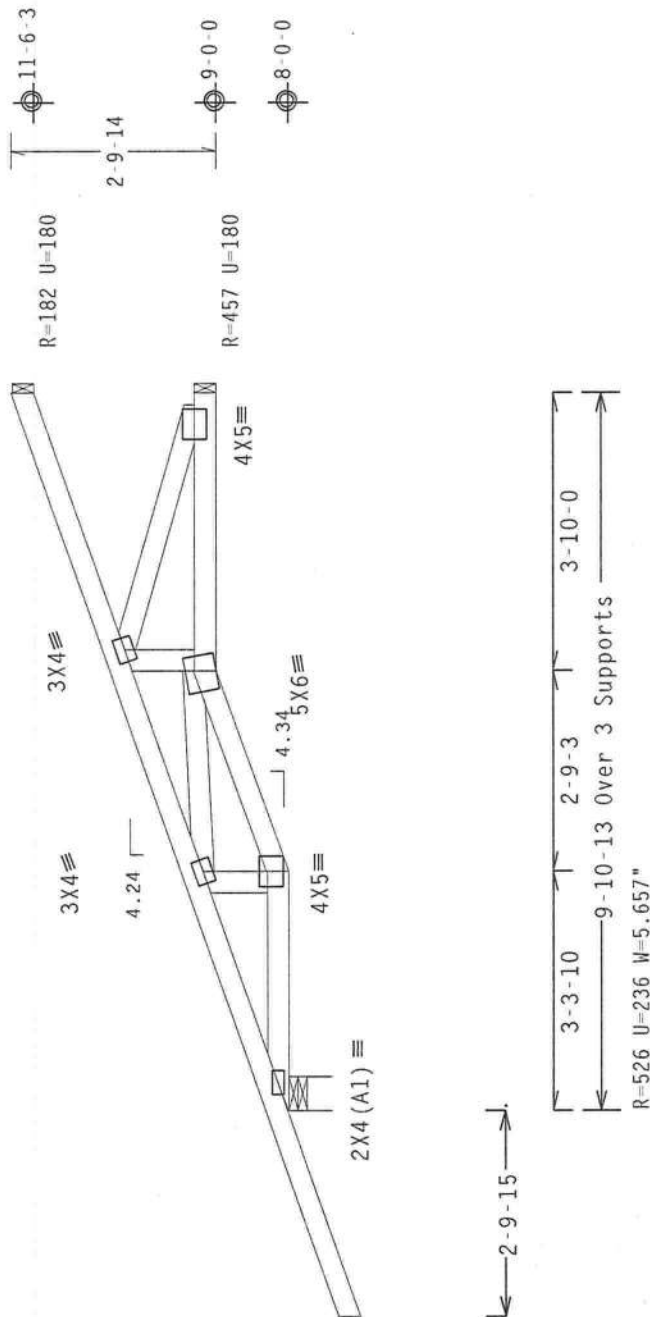


TC LL	20.0 PSF
TC DL	7.0 PSF
BC DL	5.0 PSF
BC LL	10.0 PSF
TOT. LD.	42.0 PSF
DUR. FAC.	1.25
SPACING	24.0"

REF	R917--	30060
DATE	09/27/05	
DRW	HCUSR917	05270031
HC-ENG	CR/DLJ	
SEON-	118019	
JREF-	1SQ0917_Z01	

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED 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.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

7.10.1222

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

Scale = .375"/Ft.

*WARNING** TRUSSES REQUIRE EXTREME CARE IN ERECTION, HANDLING, SHIPPING, INSTALLING AND BRACING. ALL COMPANY TRUSSES ARE FULLY ENGINEERED AND APPROVED FOR THE APPLICATIONS LISTED BY THE MANUFACTURING PLANT. INSTEAD OF A PERMIT TO CONSTRUCT, THE USER MUST OBTAIN A PERMIT TO INSTALL FROM THE LOCAL BUILDING DEPARTMENT. THESE TRUSSES ARE NOT TO BE USED FOR ANY OTHER PURPOSES WITHOUT THE WRITTEN PERMISSION OF THE MANUFACTURER. THE FOLLOWING INFORMATION IS FOR YOUR REFERENCE ONLY. IT DOES NOT REPLACE THE SPECIFICATIONS OR THE DESIGN PROVIDED WITH EACH TRUSS. ALWAYS CONSULT THE TRUSS MANUFACTURER'S LITERATURE FOR THE MOST CURRENT INFORMATION ON THE PROPER USE OF THESE TRUSSES. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED FIELD CEILING.

REF R917 - - 30061
DATE 09/27/05
DRW HCUSR917 05270032
HC-ENG CR/DLJ
SEQN- 118021

IC LL	20.0
TC DL	7.0
BC DL	5.0
BC LL	10.0
TOT.LD.	42.0

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

JREF- 1SQU917_Z01

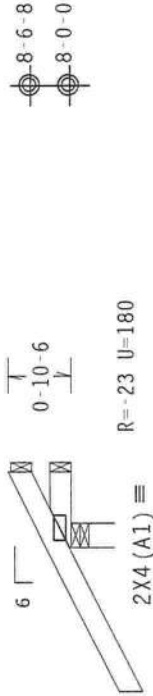
(12653--:Image - Madison -- lot 13 High Springs, FL - J1)

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, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=4.0 psf, wind BC DL=3.0 psf.

R=-83 U=180



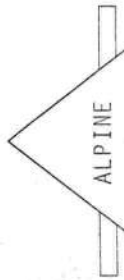
L←-2-0-0-→

1-0-7 Over 3 Supports

R=306 U=180 W=4"

OVERSIDE ROOF TRUSS, INC.
386-325-7223
386-325-6443 Fax
PO Box 1739
Palatka, FL 32178-1739

PLT TYP. Wave



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

Design Crit: TPI-2002 (STD)/FBC

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. READ TO BEST OF YOUR ABILITY THE TPI TRUSS PLATE INSTRUCTIONS. TPI TRUSS PLATE INSTRUCTIONS, 503 D'ODERIO DR., SUITE 200, MADISON, WI 53719, AND AISC (AISC) 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 A BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (AISC) TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719, AND AISC (AISC) 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.

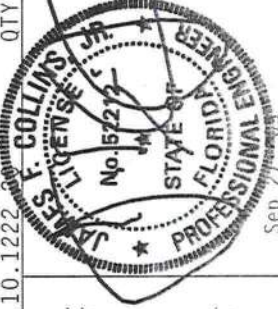
7.10.1222

QTY:1

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

Scale = .375"/Ft.

REF	R917--	30062
DATE	09/27/05	
DRW	HCUSR917	05270033
HC-ENG	CR/DLJ	
SEQN	117948	
SPACING	24.0"	
JREF	15QU917_Z01	



(12653--:Image - Madison -- lot 13 High Springs. FL - J1A)

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

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

Note: Specified hanger(s) based on southern pine
lumber values. Refer to hanger manufacturer's
product catalog for proper applications.

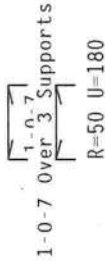
Hanger = Simpson HUS26 or equivalent.

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

R=22 U=180



R=16 U=180



TIVERSIDE ROOF TRUSS, INC.
386-325-/223
386-325-6443 Fax
P.O. Box 1739
Palatka, FL 32178-1739

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

QTY: 1

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

Scale = .375"/Ft.

REF	R917 --	30063
DATE	09/27/05	
DRW	HCUSR917	05270034
HC-ENG	CR/DLJ	
SEON-	117977	
DUR.FAC.	1.25	
SPACING	24.0"	
JREF-	1SQ0917_Z01	

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFERENCE TO BEST PRACTICES (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE TRUSS PLATE INSTITUTE, 103 D'ONOFIO DR., SUITE 200, MADISON, WI 53719, AND AISC (AISC 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.

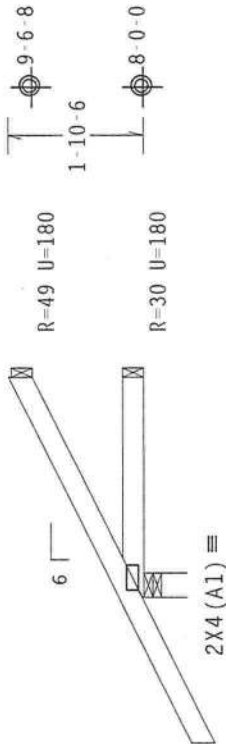
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (RATIONAL DESIGN SPEC, BY AISC) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/166A (A4/H/S/K) ASH 6053 GRADE 40/60 (M, K/J/L/S) GALT. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING 160A-2. ANY INSPECTION OF THIS TRUSS SHALL BE THE RESPONSIBILITY OF THE CLIENT. THE TRUSS COMPANY'S DESIGN SHALL BE THE RESPONSIBILITY OF THE TRUSS COMPANY. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISC/TPI 1 SEC. 2.



Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 367



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


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

3-0-7
3-0-7 over 3 Supports

R=292 U=180 W=4"

PLT TYP. Wave

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

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

Scale = .375"/Ft.



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

WARNING TRUSSES REQUIRING EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSP 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (CHASSIS PLATE INSTITUTE, 563 0'00F0R0 DR., SUITE 200, MOONSVILLE, OH 53719) AND MICA (GOOD RUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., 0'00F0R0 DR., SUITE 200, MOONSVILLE, OH 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 PROPERTY ATTACHED RIGID CEILING.

[illegible]

Haines City, FL 33844
FL Certificate of Authorization # 567

REF- 1SQU917_Z01

SPACING 24.0"

(12653-:Image - Madison -- lot 13 High Springs, FL - J2A)

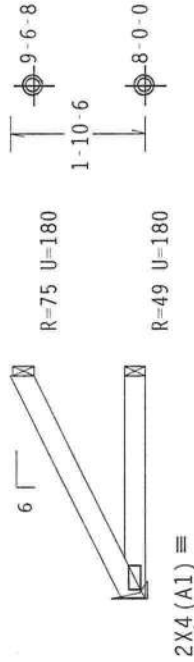
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

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

Note: Specified hanger(s) based on southern pine
lumber values. Refer to hanger manufacturer's
product catalog for proper applications.

Hanger = Simpson HUS26 or equivalent.

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



3'-0-7
3'-0-7 Over 3 Supports
R=136 U=180

ADVENSIDE ROOF TRUSS, INC.
386-325-1223
386-325-0443 Fax
P.O. Box 1739
Tallahassee, FL 32317-1739

PLT TYP. Wave

Design Crit: TPI-2002 (STD)/FBC

7.10.1222.20

QTY: 1

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

Scale = .375"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 993 D'ORFORD DR., SUITE 200, MADISON, WI 53719) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE BL, 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 ENGINEERS, 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 2003 NATIONAL DESIGN SPEC. BY AEP&S AND TPI. ALPINE CORRELATOR PLATES ARE MADE OF 2018/16GA (4.4N/5.5) ASH 6053 GRADE 40/60 (4.4N/5.5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TOP CHORD AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING. ADD'L BRACING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SEE TPI FOR THE TRUSS COMPONENTS DESIGN SHOWN. THE SUITABILITY AND USE OF THIS EQUIPMENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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



REF	R917--	30065
DATE	09/27/05	
DRW	HCUSR917	05270036
HC-ENG	CR/DLJ	
SEON-	117976	
DUR.FAC.	1.25	
SPACING	24.0"	
JREF-	1SQJ917_201	

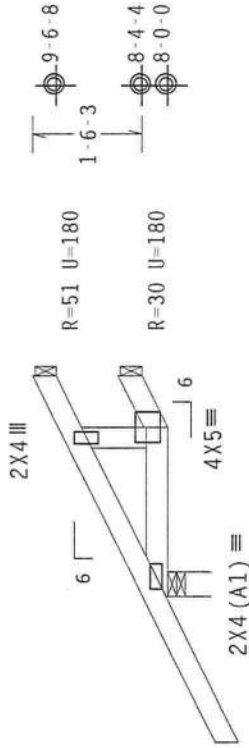
(12653--Image - Madison -- Tot 13 High Springs, FL - J2B)

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, CLOSED bldg, Located
anywhere in roof, CAT II, EXP B, wind TC DL=4.0 psf, wind BC DL=3.0
psf.

Shim all supports to solid bearing.



← 2-0-0 →

2-4-0 0-8-7
3-0-7 Over 3 Supports
R=292 U=180 W=4"

RIVERSIDE ROOF TRUSS, INC.
385-426-4223
386-305-0443 FAX
P.O. Box 1739
Piquette FL 32178-1739

PLT TYP. Wave

Design Crit: TPI-2002 (STD)/FBC

7.10.1222

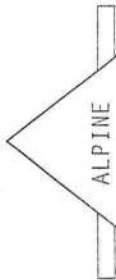
QTY: 1

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

Scale = .375"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RES 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE TRUSS PLATE INSTITUTE, 6303 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719, AND MICA (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'S OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THIS (NATIONAL DESIGN SPEC, BY AEP) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (44-1/2/5/4) ASH 6053 GRADE 40/60 (IN, K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z. THE INSTALLATION CONTRACTOR SHALL BE RESPONSIBLE FOR THE TRUSS COMPANY'S DESIGN SHOWN. THE SOLIDITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISC/TPI 1 SEC. 2.

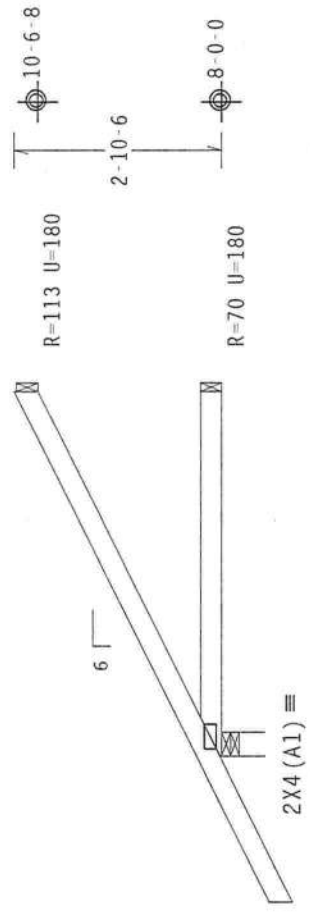


Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567



REF	R917 --	30066
DATE	09/27/05	
DRW	HCUSR917	05270037
HC-ENG	CR/DLJ	
SEON-	117952	
DUR.-FAC.	1.25	
SPACING	24.0"	
JREF-	1SQ0917_Z01	

Top chord 2x4 SP #2 Dense	110 mph wind, 30.00 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=4.0 psf, wind BC DL=3.0 psf.
Bot chord 2x4 SP #2 Dense	



2-0-0

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

THE OVERSIDE ROOF TRUSS, INC.
388-325-7223
388-325-6443 Fax
P.O. Box 1739
Tampa, FL 33613-1739

[illegible]

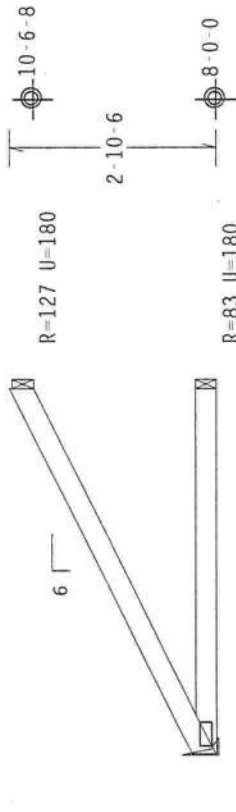
Top chord	2x4	SP	#2	Dense
Bot chord	2x4	SP	#2	Dense

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, CLOSED 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.

Note: Specified hanger(s) based on southern pine lumber values. Refer to hanger manufacturer's product catalog for proper applications.

Hanger = Simpson HUS26 or equivalent.


$$2 \times 4(A1) \equiv$$

5-0-7
←5-0-7 Over 3 Supports→
P=221 U=180

THE VERSIDE ROOF TRUSS, INC.
386-325-1223
386-325-3443 Fax
P.O. Box 1739
Palaika, FL 32178-1739

PLT TYP.: Wave

Design Crit: TPI-2002(STD)/FBC

7.10.1222

Scale = .375"/Ft.



Alpine Engineered Products, Inc.
1950 Marley Drive

Haines City, FL 33844
FL Certificate of Authorization # 567

*WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, ERECTION AND INSTALLATION. SEE THE FOLLOWING COMPANIES FOR THE BEST INFORMATION: HANSON TRUSS CO., 1000 N. 10TH AVE., MADISON, WI 53719; AND MIC TRUSS COUNCIL OF AMERICA, 6000 ENTERPRISE DR., MADISON, WI 53719. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE OPERATIONS, UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

[illegible]

Sep 27 1965

TC LL	20.0 PSF	REF R917 -- 30068
TC DL	7.0 PSF	DATE 09/27/05
BC DL	5.0 PSF	DRW HCUR917 05270039
BC LL	10.0 PSF	HC-ENG CR/DLJ
TOT.LD.	42.0 PSF	SEQN- 117975
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1S0U917_Z01

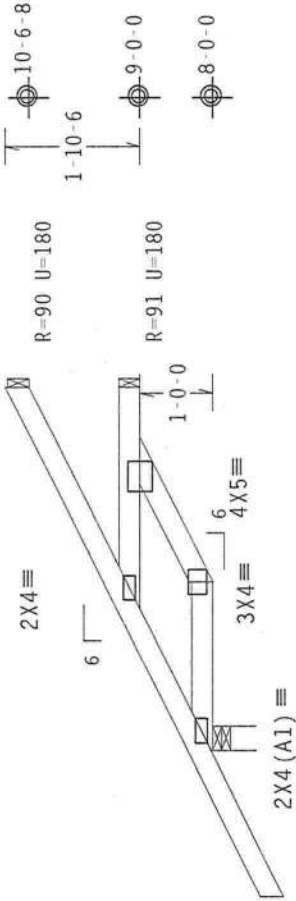
(12653-:Image - Madison -- lot 13 High Springs, FL - J3B)

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

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, CLOSED 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.

Shim all supports to solid bearing.



L←2-0-0→

1-11-8 0-4-8 2-8-7
←5-0-7 Over 3 Supports→
R=362 U=180 W=4"

WILKINSIDE ROOF TRUSS, INC.
386-325-7223
386-325-6443 Fax
PO Box 1739
Palatka, FL 32178-1739

PLT TYP. Wave



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

Design Crit: TPI-2002(STD)/FBC

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING & BRACING. REFER TO BEST PRACTICES (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE) FOR TRUSS SAFETY PRACTICES. 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 AISC (NATIONAL DESIGN SPEC, BY AISC) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2010/166A (A1010/166A) ASB 6053 GRADE 40/60 (UL K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGNER'S SIGNATURE AND SEAL. THE SIGNATURE AND SEAL OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AS17/TPI 1 SEC. 2.

7.10.122

UN:1

FL/-/2/-/R/-

Scale = .375"/Ft.

REF R917-- 30069

DATE 09/27/05

DRW HCUSR917 05270040

HC-ENG CR/DLJ

SEQN- 117951

JREF- 1SQU917_Z01

SPACING 24.0"

DUR.FAC. 1.25

TOT.LD. 42.0 PSF

BC LL 10.0 PSF

BC DL 5.0 PSF

TC DL 7.0 PSF

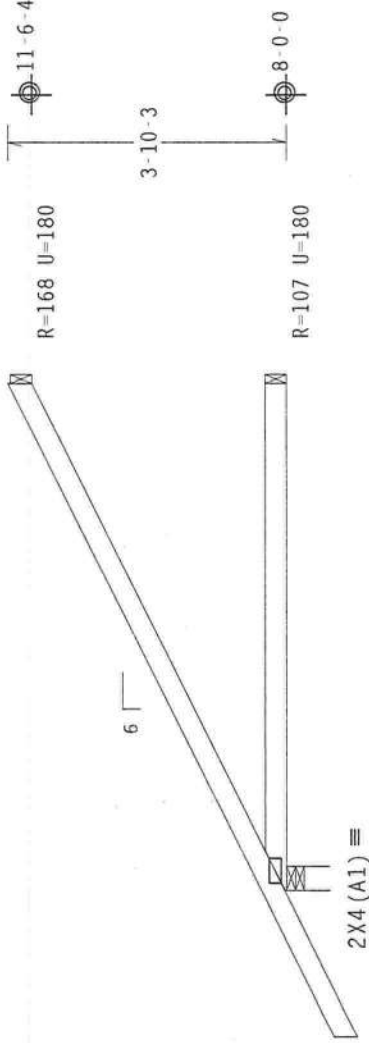
TC LL 20.0 PSF

(12653--Image - Madison -- lot 13 High Springs, FL - J4)

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

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, CLOSED 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.



L-2-0-0

1-11-8
5-0-8
7-0-0 Over 3 Supports
R=436 U=180 W=4

REVERSIDE ROOF TRUSS, INC.
386-525-7223
366-325-6443 Fax
P.O. Box 1739
Palatka, FL 32178-1739

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

7.10.1222

FL/-12/-1-/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 BEST PRACTICES (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 563 MADISON DR., SUITE 200, MADISON, MI 48179, AND AISC, WOOD TRUSS CORRELATOR OF AMERICA, 6300 ENTERPRISE LN, MADISON, MI 48179, 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'S DESIGN, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC., BY AISC) AND TPI. ALPINE CORRELATOR PLATES ARE MADE OF 2010/1060 (A106/5/3) ASTM A553 GRADE 40/60 (A106/5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-7. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AISC A3 OR TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SIGNED FOR THE TRUSS COMPONENT DESIGNER SHOWN. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISC/TPI 1 SEC. 2.	 Sep 27 '03	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"				
JREF	15QU917_Z01				
REF	R917--	30070			
DATE	09/27/05				
DRW	HCUSR917	05270041			
HC-ENG	CR/DLJ				
SEQN	117953				

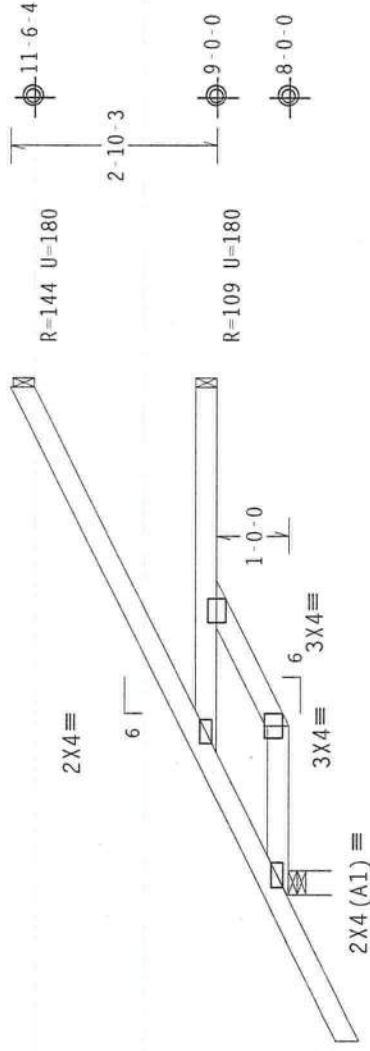
(12653--:Image - Madison -- lot 13 High Springs, FL - J4A)

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

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, CLOSED 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.

Shim all supports to solid bearing.



←2-0-0→

1-11-8 0'-4'-8'
7-0-0 Over 3 Supports
R=458 U=180 W=4"

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

PLT TYP. Wave

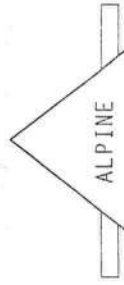
Design Crit: TPI-2002 (STD)/FBC

7.10.1222 QTY: 1

Scale = .375"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RES 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE TRUSS PLATE INSTITUTE, 1000 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719, AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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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--	30071
DATE	09/27/05	
DRW	HCUSR917	05270042
HC-ENG	CR/DLJ	
SEQN-	117954	
JREF-	15QU917_Z01	

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

BRACING GROUP SPECIES AND GRADES:

GROUP A:

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

DOUGLAS FIR-LARCH

#3	SOUTHERN PINE
STUD	#3
STANDARD	STANDARD

GROUP B:

HEM-FIR	DOUGLAS FIR-LARCH
#1 & BTR	#1
#1	#2

SOUTHERN PINE

#1	DOUGLAS FIR-LARCH
#2	#1
#2	#2

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

PROVIDE UPLIFT CONNECTIONS FOR 100 PLF OVER CONTINUOUS BEARING (5 PSF TC DEAD LOAD).

GABLE END SUPPORTS LOAD FROM 4' 0"

OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" PLYWOOD OVERHANG.

ATTACH EACH "L" BRACE WITH 10d NAILS.

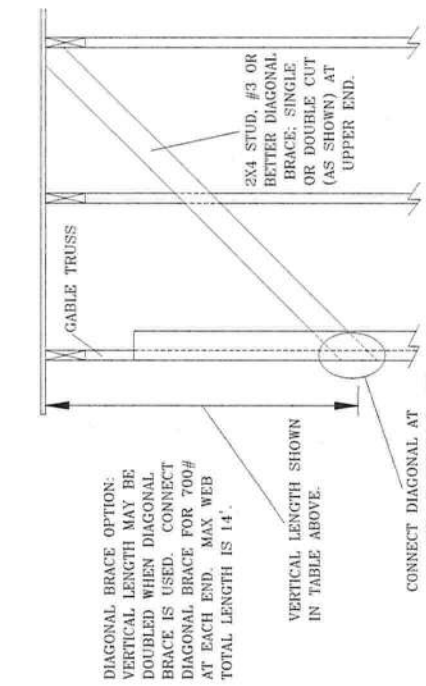
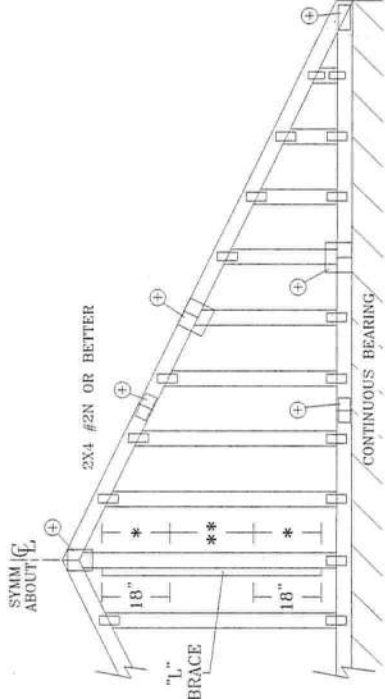
* FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C. IN 16" END ZONES AND 4" O.C. BETWEEN ZONES.

** FOR (2) "L" BRACE: SPACE NAILS AT 3" O.C. IN 16" END ZONES AND 6" O.C. BETWEEN ZONES.

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

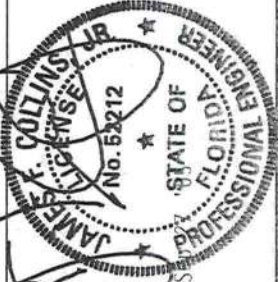
GABLE VERTICAL PLATE SIZES	
VERTICAL LENGTH	NO SPLICE
LESS THAN 4' 0"	1X4 OR 2X3
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2X4
GREATER THAN 11' 6"	2-5X4

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



REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND ERECTING. TRUSSES MUST BE ERECTED WITH THE FOLLOWING PRECAUTIONS: 1. TRUSSES MUST BE ERECTED ON A LEVEL SURFACE. 2. TRUSSES MUST BE ERECTED WITH THE CORRECT ORIENTATION. 3. TRUSSES MUST BE ERECTED WITH THE CORRECT SPACING. 4. TRUSSES MUST BE ERECTED WITH THE CORRECT BRACING. 5. TRUSSES MUST BE ERECTED WITH THE CORRECT SUPPORTS. 6. TRUSSES MUST BE ERECTED WITH THE CORRECT CONNECTIONS. 7. TRUSSES MUST BE ERECTED WITH THE CORRECT FASTENERS. 8. TRUSSES MUST BE ERECTED WITH THE CORRECT TOLERANCES. 9. TRUSSES MUST BE ERECTED WITH THE CORRECT SAFETY PROCEDURES. 10. TRUSSES MUST BE ERECTED WITH THE CORRECT INSPECTION PROCEDURES. 11. TRUSSES MUST BE ERECTED WITH THE CORRECT RECORDING PROCEDURES. 12. TRUSSES MUST BE ERECTED WITH THE CORRECT REPORTING PROCEDURES. 13. TRUSSES MUST BE ERECTED WITH THE CORRECT MAINTENANCE PROCEDURES. 14. TRUSSES MUST BE ERECTED WITH THE CORRECT DEMOLITION PROCEDURES. 15. TRUSSES MUST BE ERECTED WITH THE CORRECT DISPOSAL PROCEDURES. 16. TRUSSES MUST BE ERECTED WITH THE CORRECT RECYCLING PROCEDURES. 17. TRUSSES MUST BE ERECTED WITH THE CORRECT ENERGY PROCEDURES. 18. TRUSSES MUST BE ERECTED WITH THE CORRECT WATER PROCEDURES. 19. TRUSSES MUST BE ERECTED WITH THE CORRECT AIR PROCEDURES. 20. TRUSSES MUST BE ERECTED WITH THE CORRECT SOIL PROCEDURES. 21. TRUSSES MUST BE ERECTED WITH THE CORRECT CLIMATE PROCEDURES. 22. TRUSSES MUST BE ERECTED WITH THE CORRECT POLLUTION PROCEDURES. 23. TRUSSES MUST BE ERECTED WITH THE CORRECT NOISE PROCEDURES. 24. TRUSSES MUST BE ERECTED WITH THE CORRECT VIBRATION PROCEDURES. 25. TRUSSES MUST BE ERECTED WITH THE CORRECT SEISMIC PROCEDURES. 26. TRUSSES MUST BE ERECTED WITH THE CORRECT WIND PROCEDURES. 27. TRUSSES MUST BE ERECTED WITH THE CORRECT FLOOD PROCEDURES. 28. TRUSSES MUST BE ERECTED WITH THE CORRECT FIRE PROCEDURES. 29. TRUSSES MUST BE ERECTED WITH THE CORRECT COLLISION PROCEDURES. 30. TRUSSES MUST BE ERECTED WITH THE CORRECT TERRORISM PROCEDURES. 31. TRUSSES MUST BE ERECTED WITH THE CORRECT CHEMICAL PROCEDURES. 32. TRUSSES MUST BE ERECTED WITH THE CORRECT BIOLOGICAL PROCEDURES. 33. TRUSSES MUST BE ERECTED WITH THE CORRECT NUCLEAR PROCEDURES. 34. TRUSSES MUST BE ERECTED WITH THE CORRECT SPACE PROCEDURES. 35. TRUSSES MUST BE ERECTED WITH THE CORRECT TIME PROCEDURES. 36. TRUSSES MUST BE ERECTED WITH THE CORRECT INFORMATION PROCEDURES. 37. TRUSSES MUST BE ERECTED WITH THE CORRECT COMMUNICATION PROCEDURES. 38. TRUSSES MUST BE ERECTED WITH THE CORRECT TRANSPORT PROCEDURES. 39. TRUSSES MUST BE ERECTED WITH THE CORRECT STORAGE PROCEDURES. 40. TRUSSES MUST BE ERECTED WITH THE CORRECT DISTRIBUTION PROCEDURES. 41. TRUSSES MUST BE ERECTED WITH THE CORRECT RETAIL PROCEDURES. 42. TRUSSES MUST BE ERECTED WITH THE CORRECT WHOLESALE PROCEDURES. 43. TRUSSES MUST BE ERECTED WITH THE CORRECT EXPORT PROCEDURES. 44. TRUSSES MUST BE ERECTED WITH THE CORRECT IMPORT PROCEDURES. 45. TRUSSES MUST BE ERECTED WITH THE CORRECT TRANSFER PROCEDURES. 46. TRUSSES MUST BE ERECTED WITH THE CORRECT ASSIGNMENT PROCEDURES. 47. TRUSSES MUST BE ERECTED WITH THE CORRECT DELEGATION PROCEDURES. 48. TRUSSES MUST BE ERECTED WITH THE CORRECT DEPUTY PROCEDURES. 49. TRUSSES MUST BE ERECTED WITH THE CORRECT ASSISTANT PROCEDURES. 50. TRUSSES MUST BE ERECTED WITH THE CORRECT CLERK PROCEDURES. 51. TRUSSES MUST BE ERECTED WITH THE CORRECT SECRETARY PROCEDURES. 52. TRUSSES MUST BE ERECTED WITH THE CORRECT RECEPTIONIST PROCEDURES. 53. TRUSSES MUST BE ERECTED WITH THE CORRECT MAIL ROOM PROCEDURES. 54. TRUSSES MUST BE ERECTED WITH THE CORRECT JANITOR PROCEDURES. 55. TRUSSES MUST BE ERECTED WITH THE CORRECT GARDENER PROCEDURES. 56. TRUSSES MUST BE ERECTED WITH THE CORRECT PAINTER PROCEDURES. 57. TRUSSES MUST BE ERECTED WITH THE CORRECT CARPENTER PROCEDURES. 58. TRUSSES MUST BE ERECTED WITH THE CORRECT ELECTRICIAN PROCEDURES. 59. TRUSSES MUST BE ERECTED WITH THE CORRECT PLUMBER PROCEDURES. 60. TRUSSES MUST BE ERECTED WITH THE CORRECT ROOFER PROCEDURES. 61. TRUSSES MUST BE ERECTED WITH THE CORRECT SIDER PROCEDURES. 62. TRUSSES MUST BE ERECTED WITH THE CORRECT FENCER PROCEDURES. 63. TRUSSES MUST BE ERECTED WITH THE CORRECT LANDSCAPER PROCEDURES. 64. TRUSSES MUST BE ERECTED WITH THE CORRECT PEST CONTROL PROCEDURES. 65. TRUSSES MUST BE ERECTED WITH THE CORRECT SECURITY PROCEDURES. 66. TRUSSES MUST BE ERECTED WITH THE CORRECT CLEANING PROCEDURES. 67. TRUSSES MUST BE ERECTED WITH THE CORRECT MAINTENANCE PROCEDURES. 68. TRUSSES MUST BE ERECTED WITH THE CORRECT REPAIR PROCEDURES. 69. TRUSSES MUST BE ERECTED WITH THE CORRECT REPLACEMENT PROCEDURES. 70. TRUSSES MUST BE ERECTED WITH THE CORRECT UPGRADE PROCEDURES. 71. TRUSSES MUST BE ERECTED WITH THE CORRECT RENOVATION PROCEDURES. 72. TRUSSES MUST BE ERECTED WITH THE CORRECT RESTORATION PROCEDURES. 73. TRUSSES MUST BE ERECTED WITH THE CORRECT PRESERVATION PROCEDURES. 74. TRUSSES MUST BE ERECTED WITH THE CORRECT PROTECTION PROCEDURES. 75. TRUSSES MUST BE ERECTED WITH THE CORRECT MONITORING PROCEDURES. 76. TRUSSES MUST BE ERECTED WITH THE CORRECT EVALUATION PROCEDURES. 77. TRUSSES MUST BE ERECTED WITH THE CORRECT ANALYSIS PROCEDURES. 78. TRUSSES MUST BE ERECTED WITH THE CORRECT SYNTHESIS PROCEDURES. 79. TRUSSES MUST BE ERECTED WITH THE CORRECT DESIGN PROCEDURES. 80. TRUSSES MUST BE ERECTED WITH THE CORRECT CONSTRUCTION PROCEDURES. 81. TRUSSES MUST BE ERECTED WITH THE CORRECT OPERATION PROCEDURES. 82. TRUSSES MUST BE ERECTED WITH THE CORRECT MAINTENANCE PROCEDURES. 83. TRUSSES MUST BE ERECTED WITH THE CORRECT REPAIR PROCEDURES. 84. TRUSSES MUST BE ERECTED WITH THE CORRECT REPLACEMENT PROCEDURES. 85. TRUSSES MUST BE ERECTED WITH THE CORRECT UPGRADE PROCEDURES. 86. TRUSSES MUST BE ERECTED WITH THE CORRECT RENOVATION PROCEDURES. 87. TRUSSES MUST BE ERECTED WITH THE CORRECT RESTORATION PROCEDURES. 88. 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ALPINE ENGINEERED PRODUCTS, INC.
POMPAHO BEACH, FLORIDA

REF ASCE7-98-GAB11030
DATE 11/26/03
DRWG A11030EC1103
-ENG

MAX. TOT. LD. 60 PSF
MAX. SPACING 24.0"

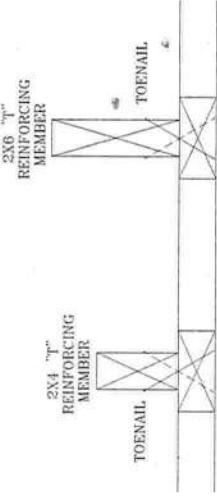
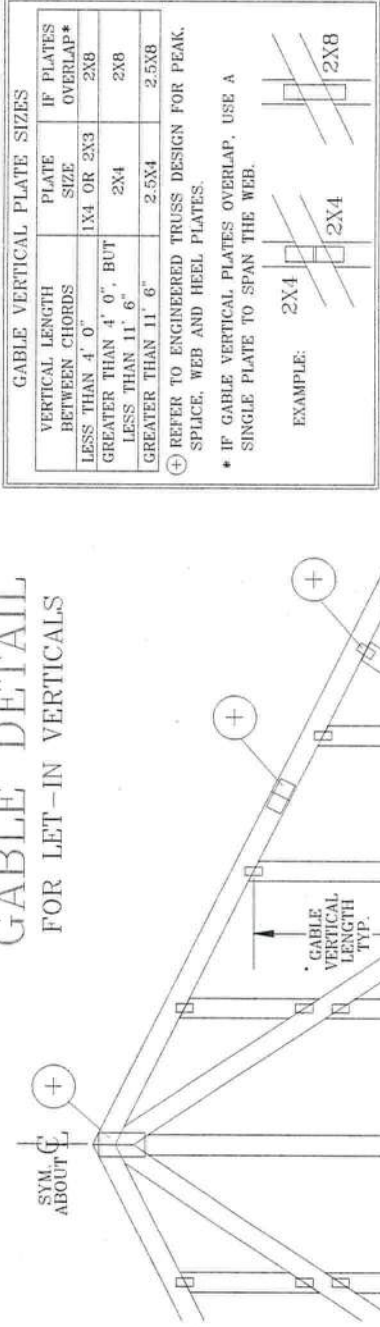
ERSIDE ROOF TRUSS, INC.

365-925-7223

365-325-6443 Fax

100 BOX 1759

GABLE DETAIL
FOR LET-IN VERTICALS



TO CONVERT FROM "L" TO "T" REINFORCING MEMBERS, MULTIPLY "T" FACTOR BY LENGTH (BASED ON GABLE VERTICAL SPECIES, GRADE AND SPACING) FOR (1) 2X4 "L" BRACE, GROUP A, OBTAINED FROM THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR SBCCI WIND LOAD.

MAXIMUM ALLOWABLE "T" REINFORCED GABLE VERTICAL LENGTH IS 14' FROM TOP TO BOTTOM CHORD.

WEB LENGTH INCREASE W/ "T" BRACE

WIND SPEED AND MPH	"T" REINFORCING MEMBER SIZE	SBCCI	ASCE
110 MPH	2x4	10 %	10 %
15 FT	2x6	40 %	50 %
110 MPH	2x4	10 %	10 %
30 FT	2x6	50 %	50 %
100 MPH	2x4	10 %	10 %
15 FT	2x6	30 %	50 %
100 MPH	2x4	10 %	10 %
30 FT	2x6	40 %	40 %
90 MPH	2x4	20 %	10 %
15 FT	2x6	20 %	40 %
90 MPH	2x4	10 %	10 %
30 FT	2x6	30 %	50 %
80 MPH	2x4	10 %	20 %
15 FT	2x6	10 %	30 %
80 MPH	2x4	20 %	10 %
30 FT	2x6	20 %	40 %
70 MPH	2x4	0 %	20 %
15 FT	2x6	0 %	20 %
70 MPH	2x4	10 %	20 %
30 FT	2x6	10 %	30 %

EXAMPLE:

ASCE WIND SPEED = 100 MPH

MEAN ROOF HEIGHT = 30 FT

GABLE VERTICAL = 24" O.C. SP #3

"T" REINFORCING MEMBER SIZE = 2X4

"T" BRACE INCREASE (FROM ABOVE) = 10% = 1.10

(1) 2X4 "L" BRACE LENGTH = 6' 7"

MAXIMUM "T" REINFORCED GABLE VERTICAL LENGTH

1.10 x 6' 7" = 7' 3"

PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.

ATTACH EACH "T" REINFORCING MEMBER WITH

HAND DRIVEN NAILS:

10d COMMON TOENAILS AT 4" O.C. PLUS (4) 16d COMMON TOENAILS IN TOP

AND BOTTOM CHORD.

GUN DRIVEN NAILS - 0.131" X 3"

TOENAILS AT 4" O.C. PLUS (4) TOENAILS IN TOP AND BOTTOM CHORD.

THIS DETAIL TO BE USED WITH THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE

OR SBCCI WIND LOAD.

ASCE 7-93 GABLE DETAIL DRAWINGS

A11015EN1103, A10015EN1103, A09015EN1103, A08015EN1103, A07015EN1103

A11030EN1103, A10030EN1103, A09030EN1103, A08030EN1103, A07030EN1103

ASCE 7-98 GABLE DETAIL DRAWINGS

A13015EC1103, A12015EC1103, A11015EC1103, A10015EC1103, A08515EC1103

A13030EC1103, A12030EC1103, A11030EC1103, A10030EC1103, A08530EC1103

SBCCI GABLE DETAIL DRAWINGS

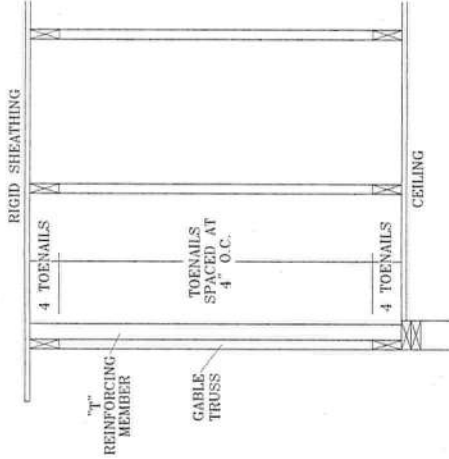
S11015EN1103, S10015EN1103, S09015EN1103, S08015EN1103, S07015EN1103

S11030EN1103, S10030EN1103, S09030EN1103, S08030EN1103, S07030EN1103

SEE APPROPRIATE ALPINE GABLE DETAIL (ASCE OR SBCCI

WIND LOAD) FOR MAXIMUM UNREINFORCED GABLE

VERTICAL LENGTH.



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND PLACING. REFER TO BC31 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 983 D'ONDREID DR., SUITE 200, MADISON, WI 53719, AND VITA (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 COPY OF THIS DESIGN TO 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 1003 NATIONAL DESIGN SPEC BY AISC AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/7666 (A/N/A/5/3) ASTM A653 GRADE 40/50 (A/N/A/5/3) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER BRANCHES 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (D) SHALL BE THE RESPONSIBILITY OF THE INSPECTOR. A SEAL IN THIS DRAWING INDICATES ACCEPTANCE OF THE PROFESSIONAL ENGINEERING RESPONSIBILITY. THE SEAL IS THE PROPERTY OF THE ENGINEER. THE DESIGNER, PER ANSI/TPI 1 SEC. 2.

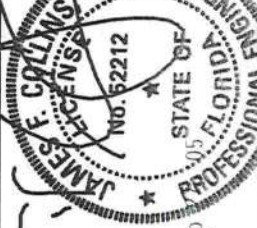


ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

THIS DRAWING REPLACES DRAWINGS GAB98117 876.719 & HC26294035

REF	LET-IN VERT
DATE	01/16/04
DRWG	GBLETTIN1103
-ENG	DLJ/KAR

MAX TOT. LD.	60 PSF
MUR. FAC.	ANY
MAX SPACING	24.0"



ALPINE ENGINEERED PRODUCTS, INC.

386-325-1223

386-325-0443 Fax

PU 808 1739

23925

Permit No. _____

Tax Folio No. _____

NOTICE OF TERMINATION OF NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF ALACHUA

The undersigned hereby gives notice that the Notice of Commencement dated August 8, 2005 heretofore recorded on or about August 23, 2005, in Official Records Book 1055, Page 2642, Public Records of Columbia County, Florida, involving construction of improvements upon the property described herein, shall, in accordance with § 713.132, Fla. Stats., cease to be effective on or about December 2, 2005, and the following information is provided in this NOTICE OF TERMINATION OF NOTICE OF COMMENCEMENT.

1. Description of property:
Lot 13, Thornwood, according to the map or plat thereof as recorded in Plat Book 7, Page 202, 203 and 204, of the Public Records of Columbia County, Florida
2. General description of improvement:
single family residence
3. Owner information:
 - (1) Name and address:
George W. Walters and Deborah A. Walters
10854 S.W. 69th Drive
Miami, FL 33173
 - (2) Interest in property: Fee Simple
 - (3) Name and address of fee simple title holder (if other than owner): N/A
4. Contractor: Owner/Builder
Image Development Group
20074 N.W. 258th Drive
High Springs, FL 32643
Inst: 2005030099 Date: 12/06/2005 Time: 09:35
YMK DC, P. Dewitt Cason, Columbia County B: 1067 P: 383
5. Surety: N/A
6. Lender: Capital City Bank
PO Box 15469, Tallahassee, FL 32317-5469
7. Persons within the State of Florida designated by owner upon whom notices or other documents may be served as provided by § 713.13(1)(a)7, Fla. Stats.: (name and address)
8. In addition to him/herself, Owner designates
Capital City Bank, PO Box 15469, Tallahassee, FL 32317-5469
to receive a copy of the lienor's notice as provided in § 713.13(1)(b), Fla. Stats.
9. Expiration date of Notice of Commencement (the expiration date is one year from the date of recording unless a different date is specified): December 2, 2005
10. All lienors providing labor, services, or materials for the construction of the above-described improvements have been paid in full, and there are no outstanding amounts due an payable for any labor, services or materials provided for the above-described improvements.

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 Maul K... Deputy ClerkDate 12-6-05

OWNER(S):

George W. Walters
GEORGE W. WALTERS

Deborah A. Walters
DEBORAH A. WALTERS

STATE OF FLORIDA
COUNTY OF ALACHUA

Sworn to and subscribed before me in the state and county last aforesaid, this 3 day of December, 2005, by GEORGE W. WALTERS AND DEBORAH A. WALTERS, the owner(s), who are personally known to me or who provided _____ as identification and who _____ took an oath/ _____ did not take an oath.

Joy Glanzer
NOTARY PUBLIC, STATE OF ~~ARIZONA~~ FLORIDA



Joy Glanzer
Commission #DD335922
Expires: Jul 07, 2008
Bonded Thru
Atlantic Bonding Co., Inc.

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: M. K. [Signature]
Deputy Clerk

Date: 12-6-05



Permit No. _____

Tax Folio No: _____

NOTICE OF COMMENCEMENT

State of Florida
County of Miami-Dade

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

1. Description of real property:

Lot 13, Thornwood, according to the map or plat thereof as recorded in Plat Book 7, Page 202, 203 and 204, of the Public Records of Columbia County, Florida
2. General description of improvement: Single Family Residence
3. Owner information: **GEORGE W. WALTERS & DEBORAH A. WALTERS**
Address: 10854 S.W. 69th Drive, Miami, FL 33173

Interest in property: Fee Simple
Name and address of Fee Simple Titleholder (if other than owner): N/A
4. Contractor: John Norris Construction, Inc.
Address: 351 N.W. Corwin Glen
Lake City, FL 32055
5. Surety: N/A
Address: _____ Inst: 2005030101 Date: 12/06/2005 Time: 09:35
Amount of Bond: N/A MK DC, P. DeWitt Cason, Columbia County B: 1067 P: 385
6. Lender: Capital City Bank
Address: Post Office Box 15469
Tallahassee, FL 32317-5469
7. In addition to himself, Owner designates the following persons to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes.

A. Capital City Bank, PO Box 15469, Tallahassee, FL 32317
8. Expiration date of notice of commencement (the expiration date is 1 year from the date of recording unless a different date is specified) _____.

George W. Walters
GEORGE W. WALTERS

Deborah A. Walters
DEBORAH A. WALTERS

The foregoing instrument was acknowledged before me this 3 day of December, 2005, by George W. Walters and Deborah A. Walters who are personally known to me or have produced _____ as identification.

[Signature]
Notary Public
State of Florida at Large
My Commission Expires: _____



Joy Glanzer
Commission #DD335922
Expires: Jul 07, 2008
Bonded Thru
Atlantic Bonding Co., Inc.

FINAL AFFIDAVIT

STATE OF FLORIDA
COUNTY OF ALACHUA

BEFORE ME, the undersigned authority, personally appeared RICHARD PARKER, Managing Member, IMAGE DEVELOPMENT, GROUP, LLC. who, after being by me first duly sworn, deposes and says of his personal knowledge as follows:

- (1) He is the Managing Member of Image Development Group, LLC which does business in the State of Florida, hereinafter called the "Contractor".
- (2) Contractor has furnished or caused to be furnished labor, material and services for the construction of certain improvements upon the following property:

Lot 13, Thornwood, according to the map or plat thereof as recorded in Plat Book 7, Page 202, 203 and 204, of the Public Records of Columbia County, Florida

- (3) All work to be performed has been fully completed, and all lienors have been paid in full, except the following listed lienors:

NAME OF LIENOR

AMOUNT DUE

N/A

Signed, sealed and delivered this 3 day of December, 2005.

Contractor: IMAGE DEVELOPMENT GROUP, LLC

By: Rich C Parker
RICHARD PARKER (Signature)

Sworn to and subscribed before me in the state and county last aforesaid, this 3 day of DECEMBER, 2005, by RICHARD PARKER



Joy Glanzer
Commission #DD335922
Expires: Jul 07, 2008
Bonded Thru
Atlantic Bonding Co., Inc.

Joy Glanzer
Notary Public, State of Florida
(Print, Type or Stamp commissioned Name of Notary Public)

Personally Known ☒ OR Produced Identification ☐
Type of Identification Produced:

Inst: 2005030100 Date: 12/06/2005 Time: 09:35
MLK DC, P. Dewitt Cason, Columbia County B: 1067 P: 384

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: Manuel Kason
Deputy Clerk
Date: 12-6-05



COLUMBIA COUNTY OFFICE 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-16-04056-113

Building permit No. 000023912

Use Classification SFD/UTILITY

Fire: 29.60

Permit Holder JOHN D. NORRIS

Waste: _____

Owner of Building GEORGE WALTERS

Total: 29.60

Location: 455 SW GREENWOOD TERR

Date: 05/01/2006



Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

Parcel # 34-65-16-04056-113

24X40 DETACHED GARAGE

25 FEET

30 FEET

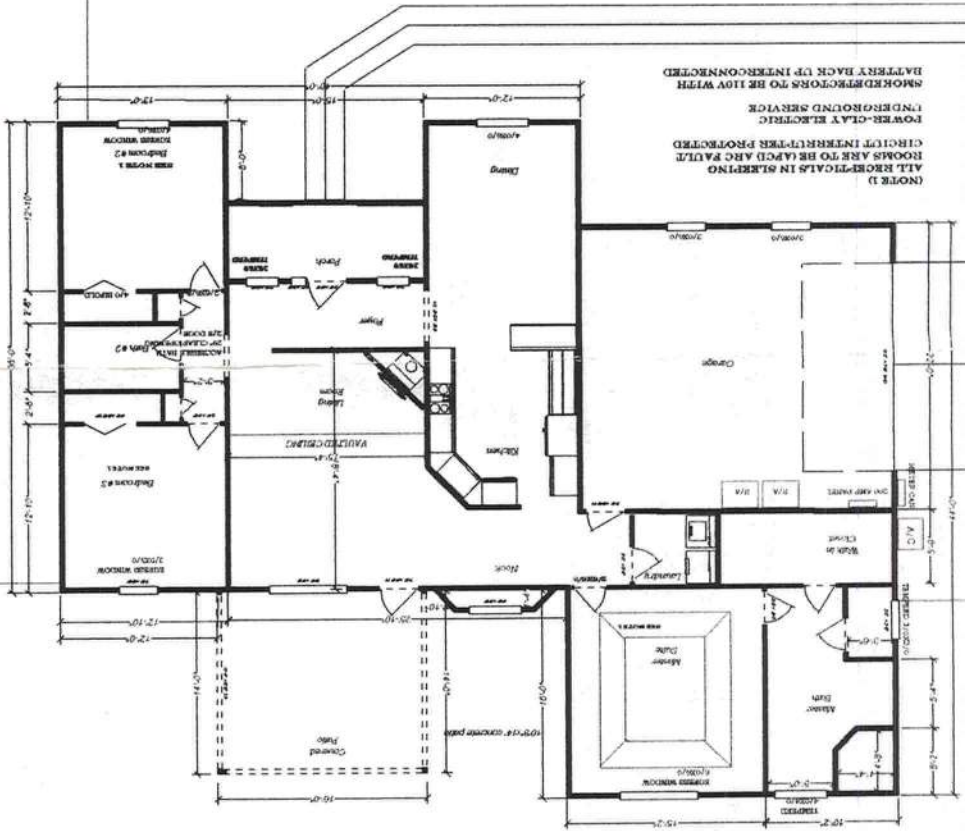
30 FEET

50 FEET

163' WIDE
30' SET BACK

Madison
Total sq Footage 2651
Heated 1809
Garage 528
Front porch 90
Back porch 224

LOT-13
THORNWOOD SUBDIVISION
FORT WHITE



(NOTE 1)
ALL RESIDENTIALS IN SLEEPING
ROOMS ARE TO BE LAPPED AND FAULT
CIRCUIT INTERRUPTERS PROTECTED
POWER-CLAY ELECTRIC
SMOKERECTORS TO BE 110V WITH
BATTERY BACK UP INTERCONNECTED

455
SW GREENWOOD TERR