

DATE 11/01/2005

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000023795

APPLICANT SAMMY L. KEEN PHONE 386.497.3620
ADDRESS 764 SW RIVERSIDE AVENUE FT. WHITE FL 32038
OWNER KEVIN & ANGELA JACKSON PHONE _____
ADDRESS 667 NW SPRING HOLLOW BLVD. LAKE CITY FL 32055
CONTRACTOR GUY WILLIAMS PHONE 386.365.3646
LOCATION OF PROPERTY LAKE JEFFERY RD TO SPRING HOLLOW S/D,TR & STAY ON MAIN RD
2ND LOT FROM END ON R.

TYPE DEVELOPMENT SF/UTILITY ESTIMATED COST OF CONSTRUCTION 116950.00
HEATED FLOOR AREA 2339.00 TOTAL AREA 3190.00 HEIGHT 22.80 STORIES 1
FOUNDATION CONC WALLS FRAMED ROOF PITCH 7'12 FLOOR CONC
LAND USE & ZONING RSF-2 MAX. HEIGHT 35
Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00
NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO. _____

PARCEL ID 24-3S-16-02273-034 SUBDIVISION SPRING HOLLOW
LOT 40/41 BLOCK _____ PHASE _____ UNIT _____ TOTAL ACRES .75

000000874 _____ CBC050690
Culvert Permit No. _____ Culvert Waiver _____ Contractor's License Number _____ Applicant/Owner/Contractor _____
WAIVER 05-1030-N BLK _____ JTH _____ N _____
Driveway Connection _____ Septic Tank Number _____ LU & Zoning checked by _____ Approved for Issuance _____ New Resident _____

COMMENTS: NOC ON FILE. 1 FOOT ABOVE RD. APPROVAL LETTER FROM. PRES. J. THOMSON

Check # or Cash 8258

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 \$ 585.00 CERTIFICATION FEE \$ 15.95 SURCHARGE FEE \$ 15.95
MISC. FEES \$.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$.00 WASTE FEE \$ _____
FLOOD DEVELOPMENT FEE \$ _____ FLOOD ZONE FEE \$ 25.00 CULVERT FEE \$ _____ TOTAL FEE 691.90
INSPECTORS OFFICE _____ CLERKS OFFICE CN

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."

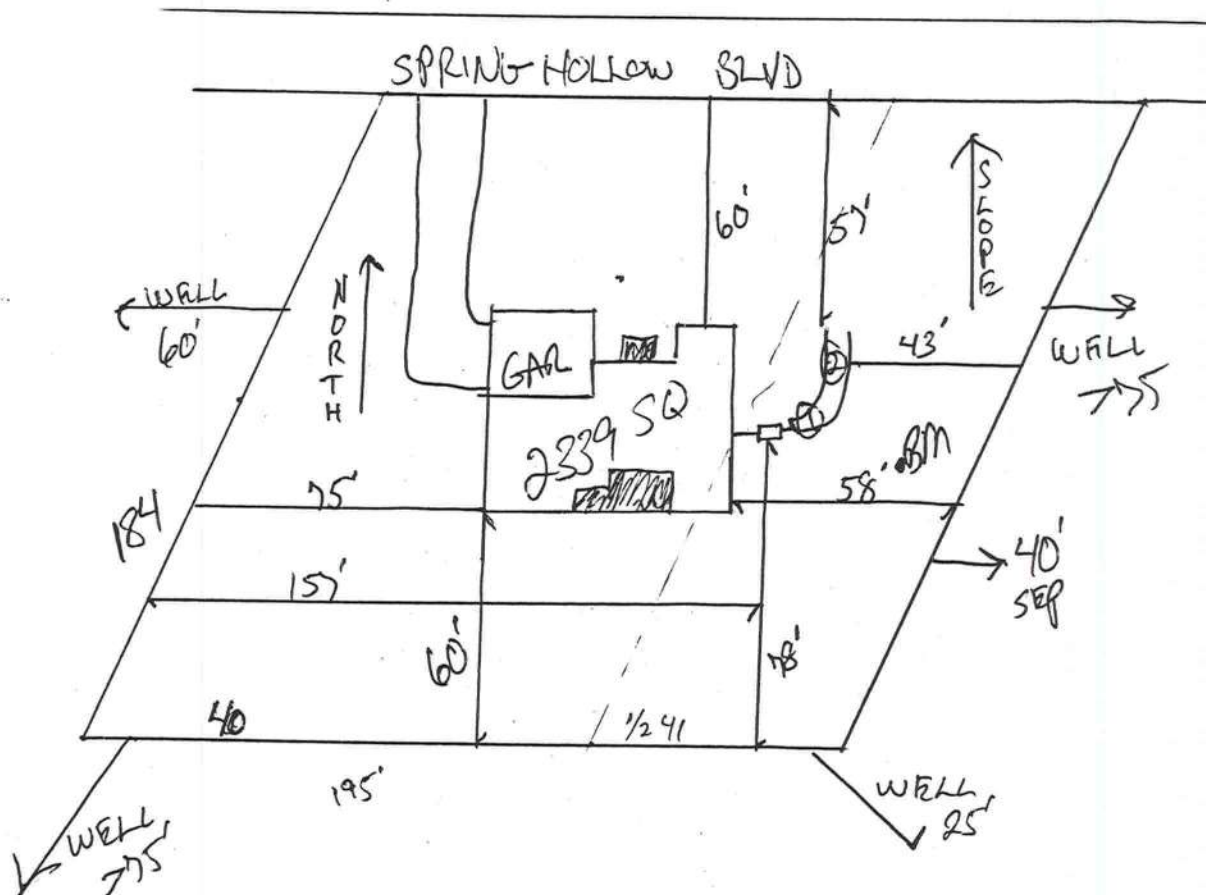
This Permit Must Be Prominently Posted on Premises During Construction

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.

Permit Application Number 05-1030N

Scale: 1 inch = 50 feet.



Notes: _____

Site Plan submitted by: Rock D. F. D. **MASTER CONTRACTOR**
Plan Approved ☒ Not Approved ☐ Date 10-10-05
By M. O. P. Columbia County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

**Columbia County Building Department
Culvert Waiver**

**Culvert Waiver No.
000000874**

DATE: 11/01/2005

BUILDING PERMIT NO. 23795

APPLICANT SAMMY L. KEEN

PHONE 386.365.3646

ADDRESS 764 SW RIVERSIDE AVENUE

FT. WHITE

FL 32038

OWNER KEVIN & ANGELA JACKSON

PHONE _____

ADDRESS 667 NW SPRING HOLLOW BLVD

LAKE CITY

FL 32055

CONTRACTOR GUY WILLIAMS

PHONE 386.365.3646

LOCATION OF PROPERTY LAKE JEFFERY ROAD TO SPRING HOLLOW S/D, TR STAY ON MAIN RD, 2ND LOT
FROM END ON R.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT SPRING HOLLOW

40/41

PARCEL ID # 24-3S-16-02273-034

I HEREBY CERTIFY THAT I UNDERSTAND AND WILL FULLY COMPLY WITH THE DECISION OF THE COLUMBIA COUNTY PUBLIC WORKS DEPARTMENT IN CONNECTION WITH THE HEREIN PROPOSED APPLICATION.

SIGNATURE: _____

A SEPARATE CHECK IS REQUIRED
MAKE CHECKS PAYABLE TO BCC

Amount Paid 50.00

PUBLIC WORKS DEPARTMENT USE ONLY

I HEREBY CERTIFY THAT I HAVE EXAMINED THIS APPLICATION AND DETERMINED THAT THE
CULVERT WAIVER IS:

✓ APPROVED _____ NOT APPROVED - NEEDS A CULVERT PERMIT

COMMENTS: _____

SIGNED: _____

DATE: 11/10/05

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

COLUMBIA COUNTY

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

NOV 02 2005

PUBLIC WORKS DEPT.



Columbia County Building Permit Application

758-4735

Revised 9-23-04

For Office Use Only Application # 0510-38 Date Received 10/12/05 By SW Permit # 874/23795
 Application Approved by - Zoning Official BZK Date 21.10.05 Plans Examiner OK JTH Date 10-21-05
 Flood Zone X Development Permit N/A Zoning RSF-2 Land Use Plan Map Category RES. Low Dens.
 Comments late 2nd floor NEW deck w/ ownership - release of liability
from James Thomson PRES. of Homeowners Assoc.

Applicants Name SLK Construction Inc Phone 386-365-3646
 Address 764 SW. Riverside Av. Ft White FL 32038
 Owners Name Kevin & Angela Jackson Phone 386-623-3373
 911 Address 667 NW Spring Hollow Blvd, L.C. 71 32055
 Contractors Name SLK Construction Inc. Phone 386 365 3646
 Address 764 SW. Riverside Av Ft White FL, 32038

Fee Simple Owner Name & Address _____
 Bonding Co. Name & Address none
 Architect/Engineer Name & Address Mark Disosway PE PO Box 868 Lak City FL, 32056
 Mortgage Lenders Name & Address Delta Omega Properties, 3454 SW CR 242 Lak City, FL 32056

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
 Property ID Number 24-35-16-02273-034 Estimated Cost of Construction \$160,000
 Subdivision Name Spring Hollow Lot 40x41 Block _____ Unit _____ Phase _____
 Driving Directions Lake Jeffery Hwy T/R into Spring Hollow S/D
stay on main Road 2nd Lot from end on Right.

Type of Construction Framed - SFD Number of Existing Dwellings on Property 0
 Total Acreage .75 Lot Size _____ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
 Actual Distance of Structure from Property Lines - Front 60' Side 58' Side 75' Rear 60'
 Total Building Height 22'8" Number of Stories 1 Heated Floor Area 2339 Roof Pitch 7/12
PORCHES 314 GARAGE 537 TOTAL 3190

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.

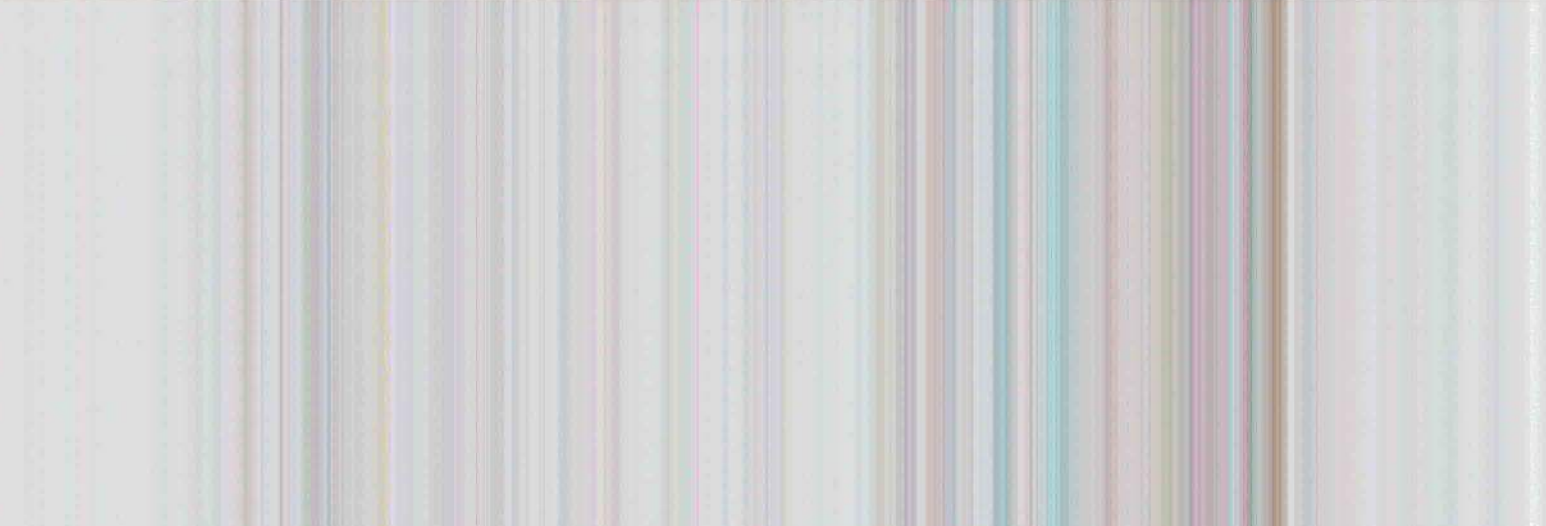
WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT. Greg Williams - contractor

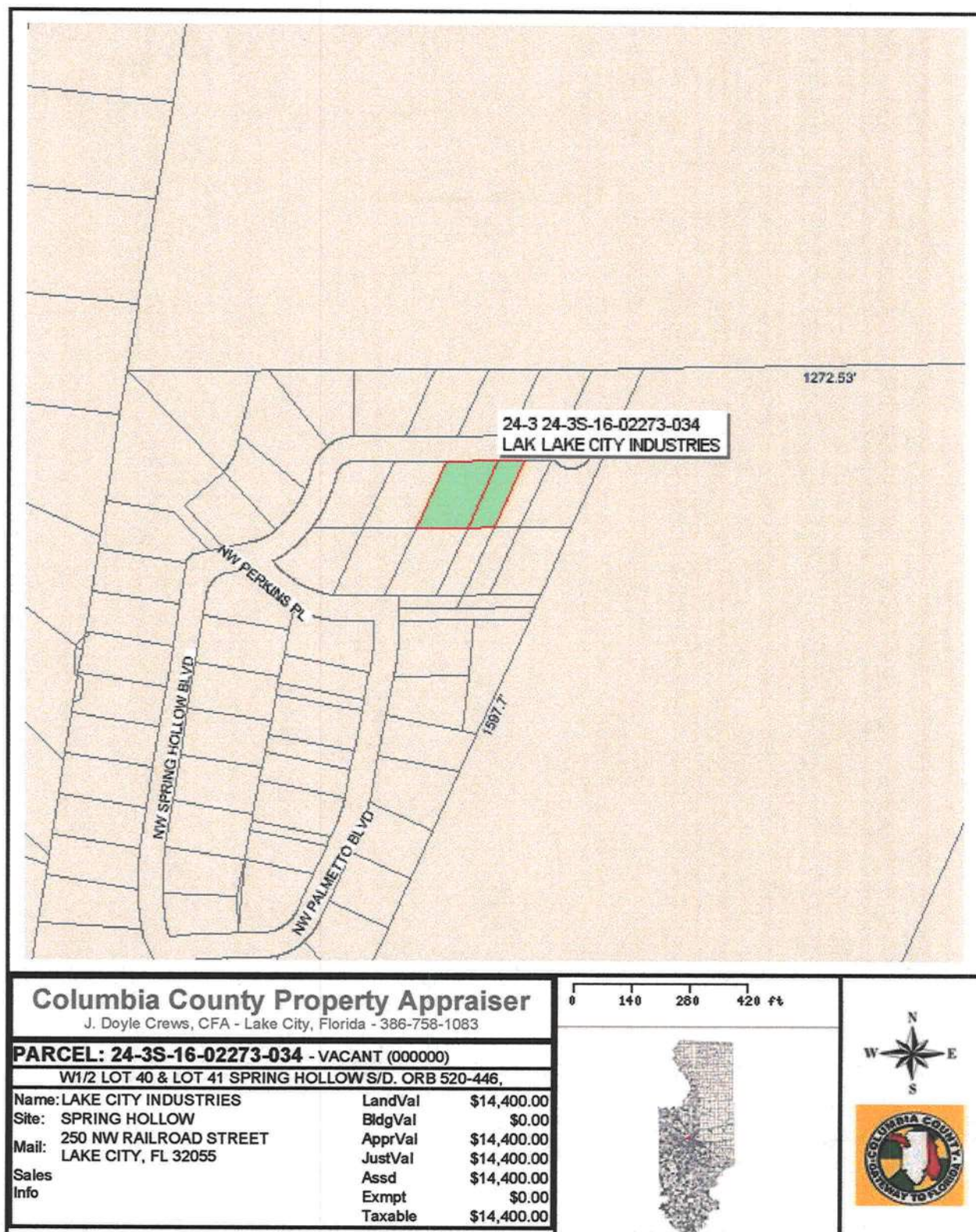
Owner Builder or Agent (Including Contractor) SLK Construction PID
 STATE OF FLORIDA
 COUNTY OF COLUMBIA
 NOTARY PUBLIC
 COMMISSION # DD420250
 EXPIRES JUL 30 2009
 BONDED THROUGH
 RU INSURANCE COMPANY

Contractor Signature SLK Construction
 Contractors License Number CBC050690
 Competency Card Number 102 0000054
 NOTARY STAMP/SEAL

Sworn to (or affirmed) and subscribed before me
 this 11 day of Oct 2005.
 Personally known ✓ or Produced Identification _____

Brenda Meads
 Notary Signature
called Sammy 10.21.05





COLUMBIA COUNTY 9-1-1 ADDRESSING

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

Addressing Maintenance

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

DATE ISSUED: October 18, 2005

ENHANCED 9-1-1 ADDRESS:

667 NW SPRING HOLLOW BLVD (LAKE CITY, FL 32055)

Addressed Location 911 Phone Number: NOT AVAIL.

OCCUPANT NAME: NOT AVAIL.

OCCUPANT CURRENT MAILING ADDRESS: _____

PROPERTY APPRAISER PARCEL NUMBER: 24-3S-16-02273-034

Other Contact Phone Number (If any): _____

Building Permit Number (If known): _____

Remarks: WEST 1/2 LOT 40 & LOT 41 SPRING HOLLOW S/D

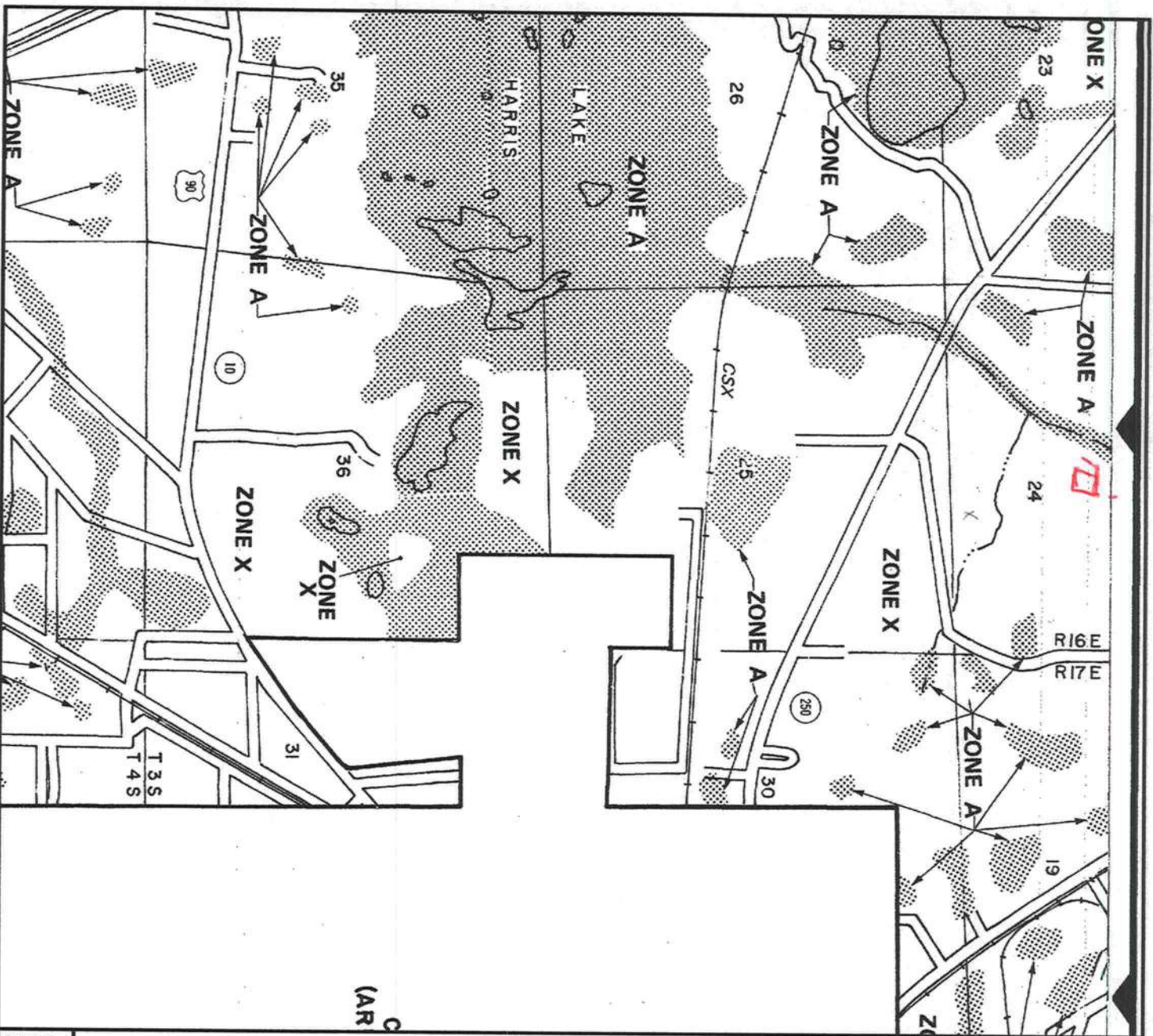
Address Issued By: _____

Columbia County 9-1-1 Addressing / GIS Department

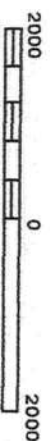
NOTICE: THIS ADDRESS WAS ISSUED BASED ON LOCATION INFORMATION RECEIVED FROM THE REQUESTER. SHOULD, AT A LATER DATE, THE LOCATION INFORMATION BE FOUND TO BE IN ERROR, THIS ADDRESS IS SUBJECT TO CHANGE.

COLUMBIA COUNTY
9-1-1 ADDRESSING
APPROVED

0510-58



APPROXIMATE SCALE IN FEET



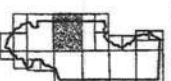
NATIONAL FLOOD INSURANCE PROGRAM

FIRM FLOOD INSURANCE RATE MAP

COLUMBIA
COUNTY,
FLORIDA
(UNINCORPORATED AREAS)

PANEL 175 OF 290

PANEL LOCATION



COMMUNITY-PANEL NUMBER
120070 0175 B
EFFECTIVE DATE:
JANUARY 6, 1988



Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT Version 1.0. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. Further information about National Flood Insurance Program flood hazard maps is available at www.fema.gov/nifmap.

Columbia County Property Appraiser

DB Last Updated: 9/16/2005

Parcel: 24-3S-16-02273-034

2005 Proposed Values

Tax Record

Property Card

Interactive GIS Map

Print

Owner & Property Info

Search Result: 1 of 1

Owner's Name	LAKE CITY INDUSTRIES
Site Address	SPRING HOLLOW
Mailing Address	250 NW RAILROAD STREET LAKE CITY, FL 32055
Brief Legal	W1/2 LOT 40 & LOT 41 SPRING HOLLOW S/D. ORB 520-446,

Use Desc. (code)	VACANT (000000)
Neighborhood	24316.01
Tax District	2
UD Codes	MKTA06
Market Area	06
Total Land Area	0.000 ACRES

Property & Assessment Values

Mkt Land Value	cnt: (1)	\$14,400.00
Ag Land Value	cnt: (0)	\$0.00
Building Value	cnt: (0)	\$0.00
XFOB Value	cnt: (0)	\$0.00
Total Appraised Value		\$14,400.00

Just Value	\$14,400.00
Class Value	\$0.00
Assessed Value	\$14,400.00
Exempt Value	\$0.00
Total Taxable Value	\$14,400.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
NONE						

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
NONE						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
NONE						

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000000	VAC RES (MKT)	2.000 LT - (.000AC)	1.00/1.00/.60/1.00	\$7,200.00	\$14,400.00

Columbia County Property Appraiser

DB Last Updated: 9/16/2005

1 of 1

Disclaimer

http://appraiser.columbiacountyfla.com/GIS/D_SearchResults.asp

10/20/2005

NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

***THIS DOCUMENT MUST BE RECORDED AT THE COUNTY
CLERKS OFFICE BEFORE YOUR FIRST INSPECTION.***

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.

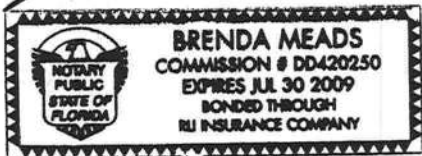
Tax Parcel ID Number 24-35-16-02273-034

1. Description of property: (legal description of the property and street address or 911 address)
w 1/2 Lot 40 + Lot 41 Spring Hollow S/D ORB. 520-446
Inst: 2005026179 Date: 10/20/2005 Time: 14:05
DC, P. DeWitt Cason, Columbia County B: 1062 P: 1334
2. General description of improvement: NEW Home
3. Owner Name & Address Kevin + Angela Jackson
Interest in Property Owners
4. Name & Address of Fee Simple Owner (if other than owner): none
5. Contractor Name SLK Construction Inc Phone Number 386 365 3646
Address 764 SW Riverside Av. Ft White FL 32038
6. Surety Holders Name none Phone Number _____
Address _____
Amount of Bond 1
7. Lender Name Delta Omega Properties Phone Number 386-752-4532
Address 3454 SW CR 242 Lake City, FL 32024
8. Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes:
Name none Phone Number _____
Address _____
9. In addition to himself/herself the owner designates SLK Construction Inc of _____
to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) -
(a) 7. Phone Number of the designee 386-365-3646
10. Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of recording, (Unless a different date is specified) —

NOTICE AS PER CHAPTER 713, Florida Statutes:

The owner must sign the notice of commencement and no one else may be permitted to sign in his/her stead.

[Signature] PTD
Signature of Owner



Sworn to (or affirmed) and subscribed before
day of Oct 11, 2005

NOTARY STAMP/SEAL

[Signature]
Signature of Notary

**Columbia County Property
Appraiser**

DB Last Updated: 9/16/2005

Parcel: 24-3S-16-02273-034

2005 Proposed Values[Tax Record](#)[Property Card](#)[Interactive GIS Map](#)[Print](#)**Owner & Property Info**

Search Result: 1 of 1

Owner's Name	LAKE CITY INDUSTRIES
Site Address	SPRING HOLLOW
Mailing Address	250 NW RAILROAD STREET LAKE CITY, FL 32055
Brief Legal	W1/2 LOT 40 & LOT 41 SPRING HOLLOW S/D. ORB 520-446,

Use Desc. (code)	VACANT (000000)
Neighborhood	24316.01
Tax District	2
UD Codes	MKTA06
Market Area	06
Total Land Area	0.000 ACRES

Property & Assessment Values

Mkt Land Value	cnt: (1)	\$14,400.00
Ag Land Value	cnt: (0)	\$0.00
Building Value	cnt: (0)	\$0.00
XFOB Value	cnt: (0)	\$0.00
Total Appraised Value		\$14,400.00

Just Value	\$14,400.00
Class Value	\$0.00
Assessed Value	\$14,400.00
Exempt Value	\$0.00
Total Taxable Value	\$14,400.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
NONE						

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
NONE						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
NONE						

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000000	VAC RES (MKT)	2.000 LT - (.000AC)	1.00/1.00/.60/1.00	\$7,200.00	\$14,400.00

Columbia County Property Appraiser

DB Last Updated: 9/16/2005

1 of 1

Disclaimer

This information was derived from data which was compiled by the Columbia County Property Appraiser's Office solely for the government purpose of property assessment. The information shown is a **work in progress** and should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's Office. The assessed values are **NOT CERTIFIED** values and therefore are subject to change before finalized for ad-valorem assessment purposes.

[Scroll to Top](#)

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Columbia Cou

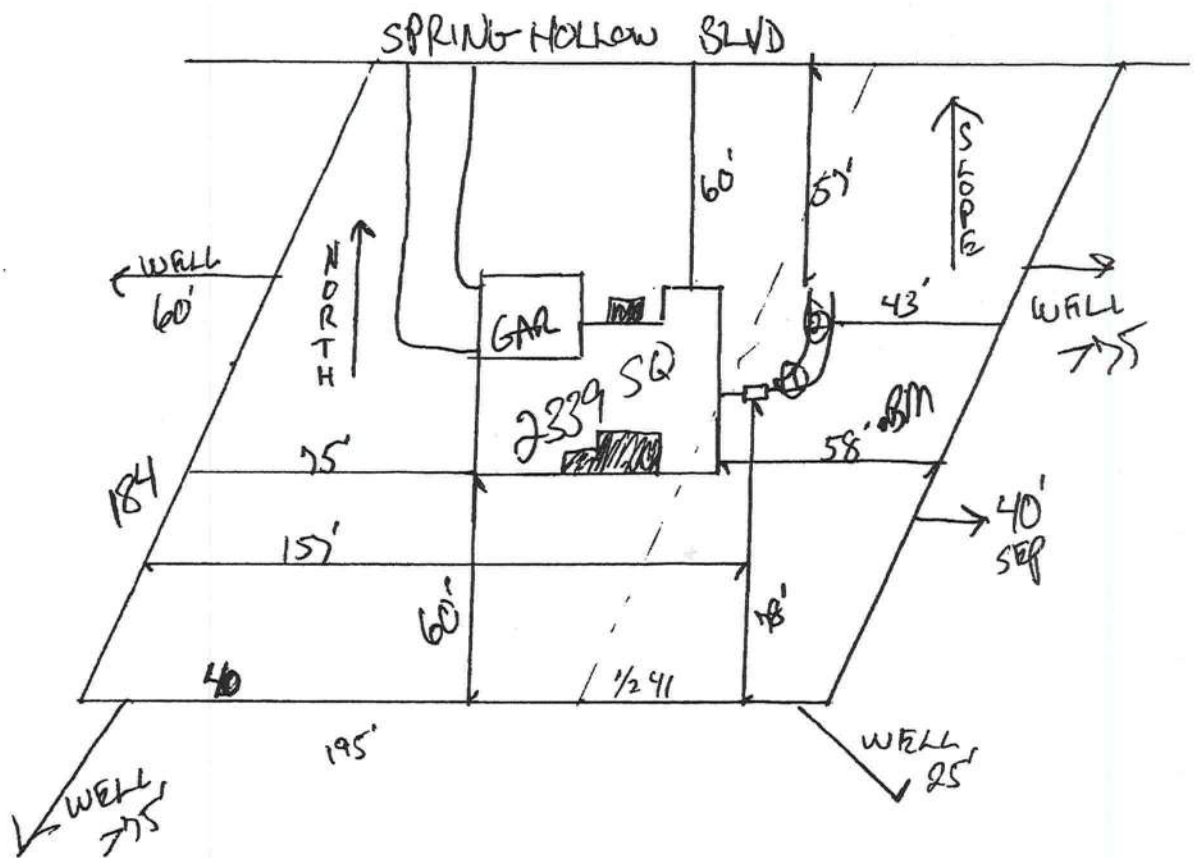
PRINTED 9/16/2005 10:16
APPR 2/11/2002 DF

http://annraiser.columbiacountyfla.com/GIS/Show_FieldCard.asp?PIN=24_2S_16_02272 10/12/2005

STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT
Permit Application Number _____

----- PART II - SITEPLAN -----

Scale: 1 inch = 50 feet.



Notes: _____

Site Plan submitted by: Rock D F-O MASTER CONTRACTOR
Plan Approved _____ Not Approved _____ Date _____
By _____ County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

HALL'S PUMP & WELL SERVICE, INC.

SPECIALIZING IN 4"-6" WELLS



DONALD AND MARY HALL
OWNERS

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

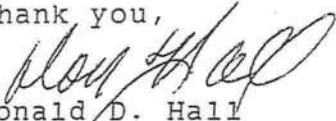
June 12, 2002

NOTICE TO ALL CONTRACTORS

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

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

Thank you,


Donald D. Hall
DDH/jk

FLORIDA ENERGY EFFICIENCY CODE
FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name:	501033jacksonRes.	Builder:	SLK
Address:	Lot: , Sub: Spring Hollow, Plat:	Permitting Office:	
City, State:	, FL	Permit Number:	23795
Owner:	Kevin Jackson	Jurisdiction Number:	221000
Climate Zone:	North		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 44.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 12.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	Yes	c. N/A	
6. Conditioned floor area (ft²)	2021 ft²		
7. Glass area & type	Single Pane Double Pane	13. Heating systems	
a. Clear glass, default U-factor	0.0 ft² 291.0 ft²	a. Electric Heat Pump	Cap: 44.0 kBtu/hr
b. Default tint, default U-factor	0.0 ft² 0.0 ft²		HSPF: 7.50
c. Labeled U-factor or SHGC	0.0 ft² 0.0 ft²	b. N/A	
8. Floor types		c. N/A	
a. Slab-On-Grade Edge Insulation	R=0.0, 220.0(p) ft		
b. N/A		14. Hot water systems	
c. N/A		a. Electric Resistance	Cap: 40.0 gallons
9. Wall types			EF: 0.89
a. Frame, Wood, Exterior	R=13.0, 1343.0 ft²	b. N/A	
b. Frame, Wood, Adjacent	R=13.0, 315.0 ft²	c. Conservation credits	
c. N/A		(HR-Heat recovery, Solar	
d. N/A		DHP-Dedicated heat pump)	
e. N/A		15. HVAC credits	
10. Ceiling types		(CF-Ceiling fan, CV-Cross ventilation,	
a. Under Attic	R=30.0, 2086.0 ft²	HF-Whole house fan,	
b. N/A		PT-Programmable Thermostat,	
c. N/A		MZ-C-Multizone cooling,	
11. Ducts		MZ-H-Multizone heating)	
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 210.0 ft		
b. N/A			

Glass/Floor Area: 0.14

Total as-built points: 29137
Total base points: 29822

PASS

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.	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.	
PREPARED BY: Evan Beamsley	BUILDING OFFICIAL:	
DATE: 1/13/05	DATE:	
I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.		
OWNER/AGENT:		
DATE:		

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: Spring Hollow, Plat: , , FL,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned X BSPM = Points Floor Area				Type/SC							

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: Spring Hollow, Plat: , , FL,

PERMIT #:

BASE				AS-BUILT				
INFILTRATION Area X BSPM = Points				Area X SPM = Points				
2021.0 10.21 20634.4				2021.0 10.21 20634.4				
Summer Base Points: 26193.7				Summer As-Built Points: 23965.2				
Total Summer X System = Cooling Points Multiplier Points				Total X Cap X Duct X System X Credit = Cooling Component Ratio Multiplier Multiplier Multiplier Points (DM x DSM x AHU)				
26193.7 0.4266 11174.2				23965.2 1.000 (1.090 x 1.147 x 1.00) 0.284 1.000 8521.7 23965.2 1.00 1.250 0.284 1.000 8521.7				

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: Spring Hollow, Plat: , , FL,

PERMIT #:

BASE				AS-BUILT									
GLASS TYPES .18 X Conditioned X BWPM = Points Floor Area				Type/SC Overhang Ornt Len Hgt Area X WPM X WOF = Points									
.18	2021.0	12.74	4634.6	Double, Clear	S	14.5	6.5	15.0	13.30	3.55	708.8		
				Double, Clear	S	14.5	8.5	20.0	13.30	3.43	912.4		
				Double, Clear	E	31.5	6.5	15.0	18.79	1.51	424.8		
				Double, Clear	S	8.8	6.5	30.0	13.30	3.17	1264.1		
				Double, Clear	S	38.0	8.5	20.0	13.30	3.66	973.4		
				Double, Clear	S	1.5	6.5	30.0	13.30	1.09	436.4		
				Double, Clear	W	1.5	5.5	16.0	20.73	1.03	341.0		
				Double, Clear	N	1.5	8.0	60.0	24.58	1.00	1475.9		
				Double, Clear	N	1.5	3.0	10.0	24.58	1.01	248.1		
				Double, Clear	N	7.8	10.0	14.0	24.58	1.02	349.4		
				Double, Clear	N	7.8	4.0	12.0	24.58	1.02	302.3		
				Double, Clear	N	0.0	0.0	15.0	24.58	1.00	368.7		
				Double, Clear	E	1.5	6.5	30.0	18.79	1.03	581.1		
				Double, Clear	E	1.5	2.5	4.0	18.79	1.16	87.0		
				As-Built Total:							291.0	8473.2	
				WALL TYPES Area X BWPM = Points				Type R-Value Area X WPM = Points					
Adjacent	315.0	3.60	1134.0	Frame, Wood, Exterior		13.0	1343.0	3.40	4566.2				
Exterior	1343.0	3.70	4969.1	Frame, Wood, Adjacent		13.0	315.0	3.30	1039.5				
Base Total:		1658.0	6103.1	As-Built Total:			1658.0	5605.7					
DOOR TYPES Area X BWPM = Points				Type Area X WPM = Points									
Adjacent	18.0	11.50	207.0	Exterior Insulated			40.0	8.40	336.0				
Exterior	60.0	12.30	738.0	Exterior Insulated			20.0	8.40	168.0				
				Adjacent Insulated			18.0	8.00	144.0				
Base Total:		78.0	945.0	As-Built Total:			78.0	648.0					
CEILING TYPES Area X BWPM = Points				Type R-Value Area X WPM X WCM = Points									
Under Attic	2021.0	2.05	4143.0	Under Attic		30.0	2086.0	2.05 X 1.00	4276.3				
Base Total:		2021.0	4143.0	As-Built Total:			2086.0	4276.3					
FLOOR TYPES Area X BWPM = Points				Type R-Value Area X WPM = Points									
Slab	220.0(p)	8.9	1958.0	Slab-On-Grade Edge Insulation		0.0	220.0(p)	18.80	4136.0				
Raised	0.0	0.00	0.0										
Base Total:			1958.0	As-Built Total:			220.0	4136.0					

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: Spring Hollow, Plat: , , FL,

PERMIT #:

BASE				AS-BUILT				
INFILTRATION Area X BWPM = Points				Area X WPM = Points				
2021.0 -0.59 -1192.4				2021.0 -0.59 -1192.4				
Winter Base Points: 16591.3				Winter As-Built Points: 21946.8				
Total Winter X System = Heating Points Multiplier Points				Total X Cap X Duct X System X Credit = Heating Component Ratio Multiplier Multiplier Multiplier Points (DM x DSM x AHU)				
16591.3 0.6274 10409.4				21946.8 1.000 (1.069 x 1.169 x 1.00) 0.455 1.000 12469.7 21946.8 1.00 1.250 0.455 1.000 12469.7				

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

ADDRESS: Lot: , Sub: Spring Hollow, Plat: , , FL,

PERMIT #:

BASE				AS-BUILT					
WATER HEATING									
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X Tank X Multiplier X Credit = Total Multiplier		
3		2746.00	8238.0	40.0	0.89	3	1.00 2715.15 1.00	8145.4	
				As-Built Total:					
				8145.4					

CODE COMPLIANCE STATUS							
BASE				AS-BUILT			
Cooling Points	+	Heating Points	+ Hot Water Points = Total Points	Cooling Points	+	Heating Points	+ Hot Water Points = Total Points
11174		10409	8238 29822	8522		12470	8145 29137

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: Spring Hollow, Plat: , , FL,

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 6-12. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 83.4

The higher the score, the more efficient the home.

Kevin Jackson, Lot: , Sub: Spring Hollow, Plat: , , FL,

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 44.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 12.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	Yes	c. N/A	
6. Conditioned floor area (ft²)	2021 ft²		
7. Glass area & type	Single Pane Double Pane	13. Heating systems	
a. Clear glass, default U-factor	0.0 ft² 291.0 ft²	a. Electric Heat Pump	Cap: 44.0 kBtu/hr
b. Default tint, default U-factor	0.0 ft² 0.0 ft²		HSPF: 7.50
c. Labeled U-factor or SHGC	0.0 ft² 0.0 ft²	b. N/A	
8. Floor types		c. N/A	
a. Slab-On-Grade Edge Insulation	R=0.0, 220.0(p) ft	14. Hot water systems	
b. N/A		a. Electric Resistance	Cap: 40.0 gallons
c. N/A			EF: 0.89
9. Wall types		b. N/A	
a. Frame, Wood, Exterior	R=13.0, 1343.0 ft²	c. Conservation credits	
b. Frame, Wood, Adjacent	R=13.0, 315.0 ft²	(HR-Heat recovery, Solar	
c. N/A		DHP-Dedicated heat pump)	
d. N/A		15. HVAC credits	
e. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
10. Ceiling types		HF-Whole house fan,	
a. Under Attic	R=30.0, 2086.0 ft²	PT-Programmable Thermostat,	
b. N/A		MZ-C-Multizone cooling,	
c. N/A		MZ-H-Multizone heating)	
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 210.0 ft		
b. N/A			

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

Builder Signature: _____ Date: _____

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



**NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE 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 889/482-1824.*

Energy Gauge Version: FLR2PB v3.4)

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

0510-38

Reference to: Build permit application Number:

SLK Construction Inc. /Owner Kevin & Angela Jackson

On the date of October 19, 2005 application 0510-38 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.

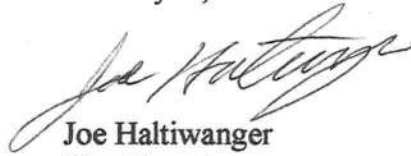
Please include application number 0510-38 when making reference to this application.

- ✓ 1. Application 0510-38 which was filed with the building department on the date of October 12, 2005 and will be reviewed under the Florida Building Code 2004. The Wind Load design by Mr. Mark Disosway was design under the Florida Building Code 2001. The wind Load design should reflect the code sections of the Florida Building Code 2004 that relate to wind Load design code requirements.
- ✓ 2. Please submit a recorded notice of commencement with this department prior to requesting any inspections on this dwelling.
- ✓ 3. Please make application to the 911 Addressing Department to obtain a 911 address at the property which this application describes (752-8787).
- ✓ 4. Please indicate on the plans if the fireplace will be (gas vented), (gas non-vented).
- ✓ 5. Upon the design of the truss system by the truss fabricator: Anderson Truss Company, several interior load bearing walls have been created, Please have Mr. Mark Disosway design a

foundation that will support these interior load bearing walls and show these load bearing foundations on the foundation plan (sheet A-4).

- ✓ 6. Please show on the plans the supporting header that will support the trusses over the 18' garage door opening along with the 12' headers that be used on the covered porch area..
- ✓ 7. On electrical plan show the amperage rating of the service electrical panel.

Thank you,



Joe Haltiwanger
Plan Examiner
Columbia County Building Department

October 24, 2005

Columbia County Building Department
Attn: Mr. Johnny Kerce
P. O. Drawer 1529
Lake City, FL 32056

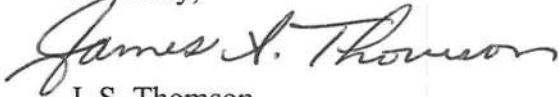
Re: SLK Construction, Inc.
Permit Lot #41 and Part of Lot #40
Spring Hollow Subdivision (Jackson Residence)

Dear Mr. Kerce:

After having reviewed the plans submitted by SLK Construction, Inc. for Lot #41 and part of Lot #40 in the Spring Hollow Subdivision, we find the proposed structure to be in conformance with the standards for the subdivision.

Thank you again for the opportunity to assure this conformance in advance.

Sincerely,

A handwritten signature in cursive script, reading "James A. Thomson".

J. S. Thomson
445 N. Spring Hollow Blvd.
Lake City, FL 32055

cc: Kevin and Angela Jackson
SLK Construction, Inc.

LAKE CITY INDUSTRIES, INC.

SASH, DOORS, MILLWORK, CABINETS AND FURNITURE

RETAIL BUILDING MATERIALS

250 NW RAILROAD STREET

LAKE CITY, FLORIDA

PHONE: 386-752-3511

11/1/05

I Robert Eddie Pres. of Lake
City Industries give Kevin +
Angela Jackson permission
to build on the lot in
Spring Hollow owned by
Lake City Industries.

Robert Eddie
Pres. LCI

Notice of Treatment

11741

Applicator: Florida Pest Control & Chemical Co. (www.flapest.com)

Address: Baya Ave

City: Lake City Phone: 752-1703

Site Location: Subdivision Spring Hollow

Lot # 40141 Block # 23795 Permit # 23795

Address 667 NW Spring Hollow Blvd.

Product used Active Ingredient % Concentration

☒ Premise Imidacloprid 0.1%

☐ Termidor Fipronil 0.12%

☐ Bora-Care Disodium Octaborate Tetrahydrate 23.0%

Type treatment: ☒ Soil ☐ Wood

Area Treated	Square feet	Linear feet	Gallons Applied
<u>Dwelling</u>	<u>3136</u>	<u>263</u>	<u>269</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>

As per Florida Building Code 104.2.6 – If soil chemical barrier method for termite prevention is used, final exterior treatment shall be completed prior to final building approval.

If this notice is for the final exterior treatment, initial this line _____.

Date 12-9-05 Time 1130 Print Technician's Name E254 GUNNY

Remarks: _____

11741 Notice of Treatment

Applicator: Florida Pest Control & Chemical Co. (www.flapest.com)

Address: 336 SE Bayview Dr.

City Jacksonville Phone 386-252-1703

Site Location: Subdivision Spring Hollow

Lot # _____ Block # _____ Permit # 23795

Address 667 NW Spring Hollow Blvd

Product used Active Ingredient % Concentration

☐ Premise Imidacloprid 0.1%

☐ Termidor Fipronil 0.12%

☒ Bora-Care Disodium Octaborate Tetrahydrate 23.0%

Type treatment: ☐ Soil ☒ Wood

Area Treated	Square feet	Linear feet	Gallons Applied
<u>Mobile Antennas</u>	<u>3190</u>	<u>200</u>	<u>5</u>
<u>Antennas</u>	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

As per Florida Building Code 104.2.6 – If soil chemical barrier method for termite prevention is used, final exterior treatment shall be completed prior to final building approval.

If this notice is for the final exterior treatment, initial this line _____.

Date _____ Time _____ Print Technician's Name _____

Remarks: _____

Applicator - White Permit File - Canary Permit Holder - Pink

Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844

Florida Engineering Certificate of Authorization Number: 567

Florida Certificate of Product Approval # FL1999

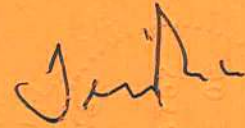
Page 1 of 1 Document ID: ISQF487-Z0112144718

Truss Fabricator: Anderson Truss Company
Job Identification: 5-384-SLK-JACKSON
Truss Count: 34
Model Code: Florida Building Code 2001
Truss Criteria: ANSI/TPI-1995(STD)/FBC
Engineering Software: Alpine Software, Versions 7.04, 7.02.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-98 -Open

Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1-1995 Section 2.2
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR487

Details: CNBRGBLK-BRCLBSUB-A11015EC-GBLLETIN



Seal Date: 09/12/2005

-Truss Design Engineer-
Denise Rutledge

Florida License Number: 58752
1950 Marley Drive
Haines City, FL 33844

#	Ref	Description	Drawing#	Date
1	84905--A1		05255027	09/12/05
2	84906--A2		05255012	09/12/05
3	84907--A3		05255018	09/12/05
4	84908--A4		05255015	09/12/05
5	84909--A5		05255014	09/12/05
6	84910--A6		05255059	09/12/05
7	84911--A7		05255032	09/12/05
8	84912--A8		05255033	09/12/05
9	84913--AA2		05255011	09/12/05
10	84914--AA3		05255021	09/12/05
11	84915--AA4		05255020	09/12/05
12	84916--AA5		05255019	09/12/05
13	84917--AA6		05255017	09/12/05
14	84918--AA7		05255013	09/12/05
15	84919--B1-GE		05255007	09/12/05
16	84920--B2		05255008	09/12/05
17	84921--B3G		05255031	09/12/05
18	84922--C1-GE		05255004	09/12/05
19	84923--C2		05255005	09/12/05
20	84924--C3G		05255006	09/12/05
21	84925--D1-GE		05255016	09/12/05
22	84926--HJ7		05255022	09/12/05
23	84927--EJ7		05255026	09/12/05
24	84928--J5		05255023	09/12/05
25	84929--J3		05255024	09/12/05
26	84930--J1		05255025	09/12/05
27	84931--K1-GE		05255001	09/12/05
28	84932--K2		05255010	09/12/05
29	84933--K3		05255002	09/12/05
30	84934--AP1		05255028	09/12/05
31	84935--AP2		05255030	09/12/05
32	84937--R2		05255003	09/12/05
33	84938--R3		05255029	09/12/05
34	84939--R4G		05255009	09/12/05



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:1SQG487-Z0213154505

Truss Fabricator: Anderson Truss Company
Job Identification: 5-384-SLK-JACKSON
Truss Count: 1
Model Code: Florida Building Code 2001
Truss Criteria: ANSI/TPI-1995(STD)/FBC
Engineering Software: Alpine Software, Version 7.04.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - 40.0 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 1-1995 Section 2.2
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR487

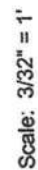
No Standard Details

#	Ref	Description	Drawing#	Date
1	14652--R1		05256059	09/13/05

Seal Date: 09/13/2005

-Truss Design Engineer-
Arthur R. Fisher
Florida License Number: 59687
1950 Marley Drive
Haines City, FL 33844





Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Page 1 of 1 Document ID:1SQF487-Z0112144718

Truss Fabricator: Anderson Truss Company
Job Identification: 5-384-SLK-JACKSON (5-384|-SLK-JACKSON)
Truss Count: 1
Model Code: Florida Building Code 2001
Truss Criteria: ANSI/TPI-1995(STD)/FBC
Engineering Software: Alpine Software, Versions 7.04, 7.02.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-98 -Open

Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1-1995 Section 2.2
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR487

Seal Date: 09/12/2005

-Truss Design Engineer-
Denise Rutledge
Florida License Number: 58752
1950 Marley Drive
Haines City, FL 33844

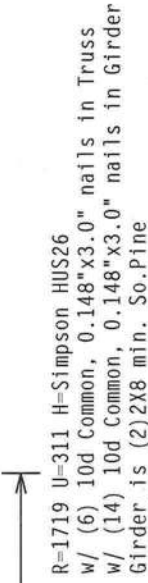
Revised Trusses

#	Ref	Description	Drawing#	Date
1	84911--A7		05255032	09/12/05

ALPINE



Deflection meets L/360 live and L/240 total load.



Scale = .125" / Ft.

TC LL	20.0	PSF	REF	R487 --	84907
TC DL	10.0	PSF	DATE	09/12/05	
BC DL	10.0	PSF	DRW	HCUSR487	05255018
BC LL	0.0	PSF	HC-ENG	JB/ADR	
TOT.LD.	40.0	PSF	SEQN-	31123	
DUR.FAC.	1.25		FROM	JP	
SPACING	24.0"		JREF-	1SQF487	Z01



Haines City, FL 33844

DESIGN SHOWN. THE SUITABILITY AND USE
BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

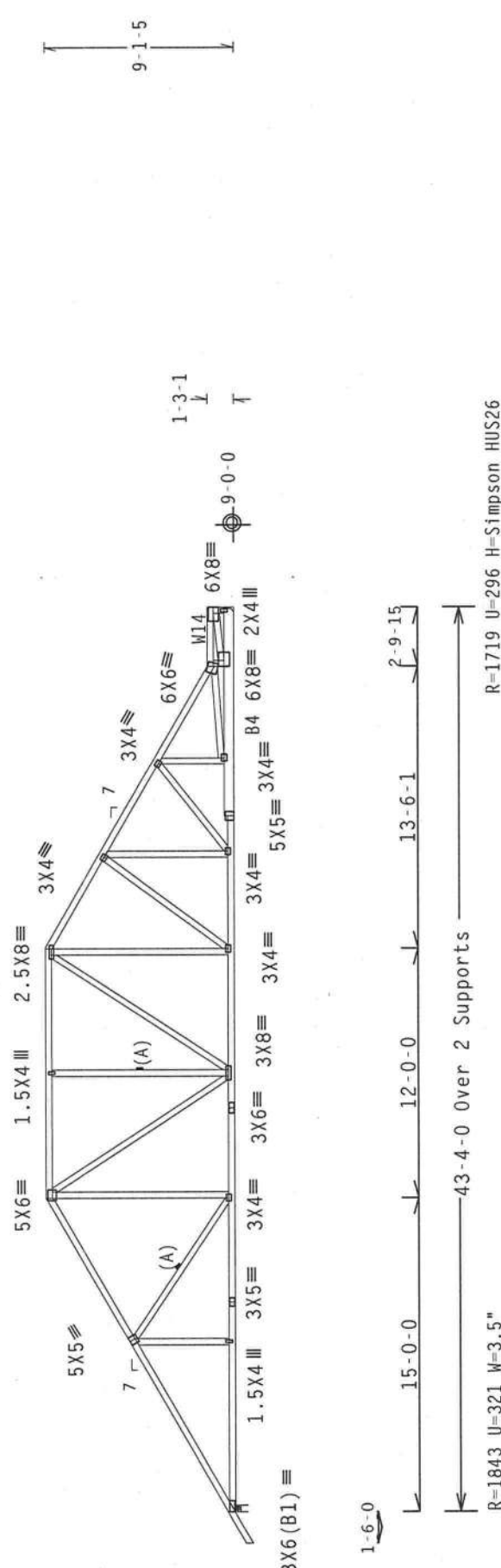
JREF- 1S0F487 701

top chord 2x4 SP #2 Dense
 not chord 2x4 SP #2 Dense :B4 2x6 SP #1 Dense:
 Webs 2x4 SP #3 :W14 2x4 SP #2 Dense:

10 mph wind, 13.30 ft mean hgt. ASCE 7-98, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind C DL=5.0 psf.

= recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

A) Continuous lateral bracing equally spaced on member.
Deflection meets L/360 live and L/240 total load.



R=1719 U=296 H=Simpson HUS26
w/ (6) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder
Girder is (2)2X8 min. So.Pine

Design Crit: TPI-1995 (STD) /FBC

7.04.0805

QTY: 1

Scale =.125"/Ft.

FL/- /4/- /- /R/-

REF R487 - - 84909

DATE 09/12/05

DRW HCUSR487 05255014

HC-ENG JB/ADR

SEQN- 31170

FROM JP

JREF- 1SQF487_Z01

TC LL 20.0 PSF

TC DL 10.0 PSF

BC DL 10.0 PSF

BC LL 0.0 PSF

TOT.LD. 40.0 PSF

DUR.FAC. 1.25

SPACING 24.0"

Design Crit: TPI-1995 (STD) /FBC

7.04.0805

QTY: 1

Scale =.125"/Ft.

FL/- /4/- /- /R/-

REF R487 - - 84909

DATE 09/12/05

DRW HCUSR487 05255014

HC-ENG JB/ADR

SEQN- 31170

FROM JP

JREF- 1SQF487_Z01

TC LL 20.0 PSF

TC DL 10.0 PSF

BC DL 10.0 PSF

BC LL 0.0 PSF

TOT.LD. 40.0 PSF

DUR.FAC. 1.25

SPACING 24.0"

Design Crit: TPI-1995 (STD) /FBC

7.04.0805

QTY: 1

Scale =.125"/Ft.

FL/- /4/- /- /R/-

REF R487 - - 84909

DATE 09/12/05

DRW HCUSR487 05255014

HC-ENG JB/ADR

SEQN- 31170

FROM JP

JREF- 1SQF487_Z01

TC LL 20.0 PSF

TC DL 10.0 PSF

BC DL 10.0 PSF

BC LL 0.0 PSF

TOT.LD. 40.0 PSF

DUR.FAC. 1.25

SPACING 24.0"

Design Crit: TPI-1995 (STD) /FBC

7.04.0805

QTY: 1

Scale =.125"/Ft.

FL/- /4/- /- /R/-

REF R487 - - 84909

DATE 09/12/05

DRW HCUSR487 05255014

HC-ENG JB/ADR

SEQN- 31170

FROM JP

JREF- 1SQF487_Z01

TC LL 20.0 PSF

TC DL 10.0 PSF

BC DL 10.0 PSF

BC LL 0.0 PSF

TOT.LD. 40.0 PSF

DUR.FAC. 1.25

SPACING 24.0"

Design Crit: TPI-1995 (STD) /FBC

7.04.0805

QTY: 1

Scale =.125"/Ft.

FL/- /4/- /- /R/-

REF R487 - - 84909

DATE 09/12/05

DRW HCUSR487 05255014

HC-ENG JB/ADR

SEQN- 31170

FROM JP

JREF- 1SQF487_Z01

TC LL 20.0 PSF

TC DL 10.0 PSF

BC DL 10.0 PSF

BC LL 0.0 PSF

TOT.LD. 40.0 PSF

DUR.FAC. 1.25

SPACING 24.0"

Design Crit: TPI-1995 (STD) /FBC

7.04.0805

QTY: 1

Scale =.125"/Ft.

FL/- /4/- /- /R/-

REF R487 - - 84909

DATE 09/12/05

DRW HCUSR487 05255014

HC-ENG JB/ADR

SEQN- 31170

FROM JP

JREF- 1SQF487_Z01

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DUR.FAC. 1.25

SPACING 24.0"

Design Crit: TPI-1995 (STD) /FBC

7.04.0805

QTY: 1

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FL/- /4/- /- /R/-

REF R487 - - 84909

DATE 09/12/05

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BC LL 0.0 PSF

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DUR.FAC. 1.25

SPACING 24.0"

Design Crit: TPI-1995 (STD) /FBC

7.04.0805

QTY: 1

Scale =.125"/Ft.

FL/- /4/- /- /R/-

REF R487 - - 84909

DATE 09/12/05

DRW HCUSR487 05255014

HC-ENG JB/ADR

SEQN- 31170

FROM JP

JREF- 1SQF487_Z01

TC LL 20.0 PSF

TC DL 10.0 PSF

BC DL 10.0 PSF

BC LL 0.0 PSF

TOT.LD. 40.0 PSF

DUR.FAC. 1.25

SPACING 24.0"

Design Crit: TPI-1995 (STD) /FBC

7.04.0805

QTY: 1

Scale =.125"/Ft.

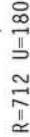
FL/- /4/- /- /R/-

REF R487 - - 84909

DATE 09/12/05

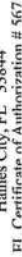
110 mph wind, 13.88 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.



Scale = .1875"/Ft.

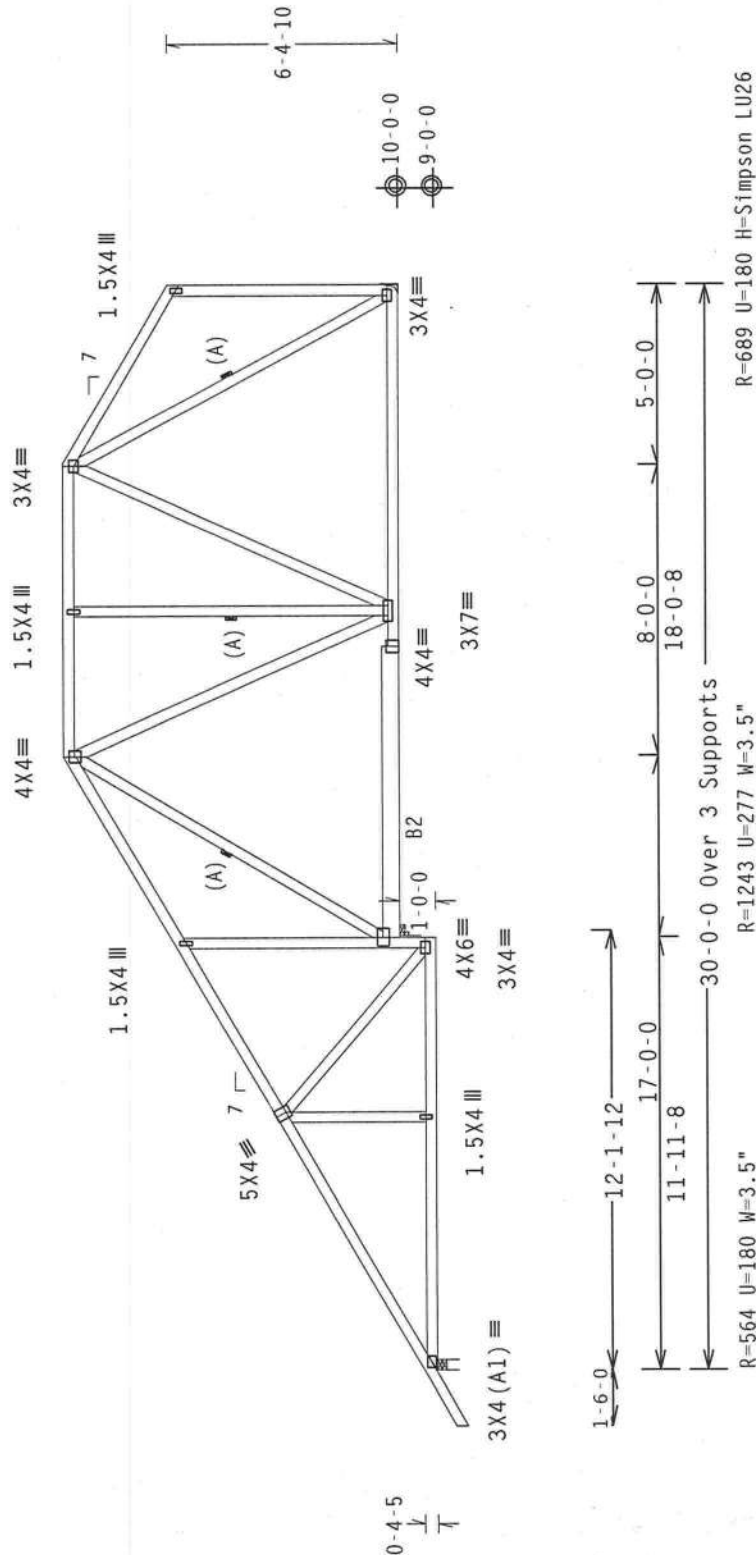
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TC DL	10.0 PSF	DATE	09/12/05	
BC DL	10.0 PSF	DRW	HCUSR487	05255059
BC LL	0.0 PSF	HC-ENG	DF/ADR	
TOT.LD.	40.0 PSF	SEQN-	31477	
DUR.FAC.	1.25	FROM	JP	
SPACING	24.0"	JREF-	1SQF487	Z01



1110 mph wind, 13.88 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.



$R=1243$ $W=3.5''$

R-689 U=180 H=Simpson LU26
w/ (4) 10d, 0.148"x1.5" nails in Truss
w/ (6) 10d Common, 0.148"x3.0" nails in Girder
Girder is (2)2X8 min. So.Pine

7.02.0523 100' RUTS
QTY: 4 FL / - / 4 / - / - / R / -
Scale = .1875" / Ft.

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DESIGN 1-037 BUILDING CODES AND SAFETY INFORMATION. ADVISE YOUR TRUSS MANUFACTURER OF ANY LOCAL ORDINANCES, ZONING ORDINANCES, AND ANY OTHER REGULATIONS THAT MAY APPLY TO YOUR PROJECT. THE TRUSS COUNCIL OF AMERICA, 6500 ENTERPRISE LN., MASON, MISSOURI 64055, HAS DEVELOPED A SERIES OF PUBLICATIONS, "TRUSS 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 THIS DESIGN/FABRICATION SPECIFICATION, INCLUDING THE BUILDING OF TRUSSES DESIGN CONFORMING TO THE PREVIOUS NATIONAL DESIGN SPEC. (IN NFPA) AND THE ALPINE DESIGN SPECIFICATIONS ARE MADE OF 20/18/16GA (IN W/4/P) ASTM A563 GRADE 40/60 (IN K/P/S) GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX 43 OF TP11-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT BEING SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEX/TP1 1 SEC. 2.



Sep 12 '05

Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
E1 Certificate of Authorization # 567

James City, FL 32044
 EI Certificate of Authorization # 567

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC91 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS LIFT INSTITUTE), 583 TC LL 20.0 PSF REF R487 - 84912

ALPINE

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

FL Certificate of Authorization # 567

DATE 09/12/05

DRW HCUSR487 05255033

HC-ENG JB/ADR

SEQN- 31464

FROM JP

JREF- 1SQF487_Z01

TC DL 10.0 PSF

BC DL 10.0 PSF

BC LL 0.0 PSF

TOT.LD. 40.0 PSF

DUR.FAC. 1.25

SPACING 24.0"

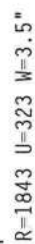
09/12/05



****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. ALPINE ENGINEERED TRUSS IN CONFORMANCE WITH TP1: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC, NATIONAL DESIGN SPEC, BY AISC AND TP1. ALPINE CONNECTOR PLATES ARE MADE OF 2018/1666A (N.H/S7K) ASTM A653 GRADE 40/60 (N. 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 ANEX A3 OF TP11-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES THE ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT BUILDING INDICATES THE ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE BUILDING DESIGNER PER ANSI/TP1 1 SEC. 2.

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

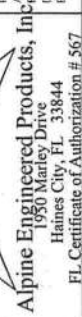
Deflection meets L/360 live and L/240 total load.



QTY: 1 FL / - 4 / - / - R / -
Scale = .125" / Ft.

PLT TYP. Wave TPI

****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 TPI: CONNECTIONS, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGNATIONS AND MATERIALS DESIGN SPEC., BY ALPINE AND TPI. THE CONTRACTOR SHALL MAKE CERTAIN THAT THE TRUSSES ARE MADE OF A36 STEEL 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.



TC LL	20.0	PSF	REF	R487--	84913
TC DL	10.0	PSF	DATE	09/12/05	
BC DL	10.0	PSF	DRW	HCUSR487	05255011
BC LL	0.0	PSF	HC-ENG	JB/ADR	
TOT.LD.	40.0	PSF	SEQN-	31312	
DUR.FAC.	1.25		FROM	JP	
SPACING	24.0"		JREF-	1SQF487_Z01	

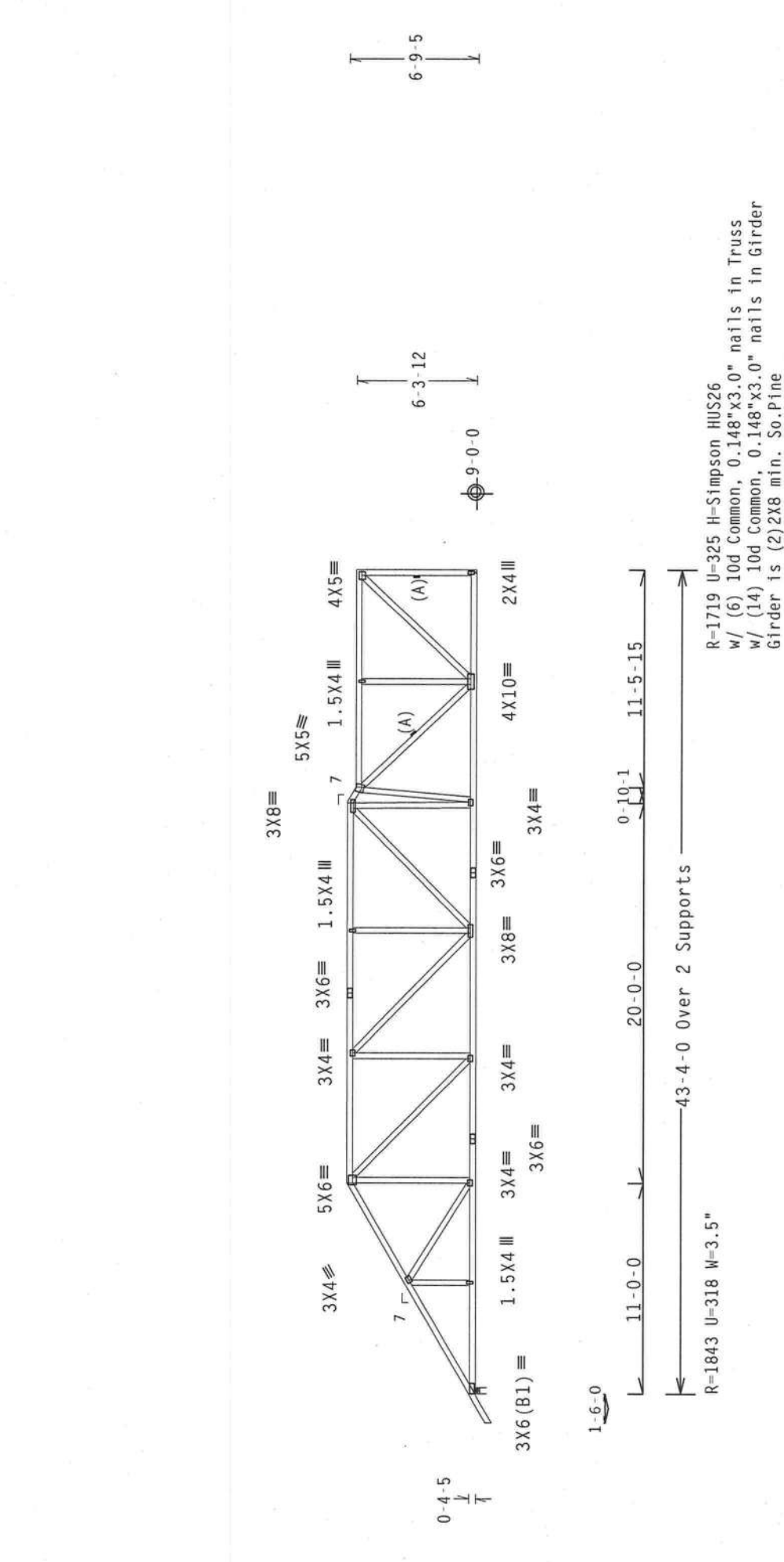
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 12.13 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

Deflection meets L/360 live and L/240 total load.



PLT TYP. Wave TPI

Design Crit: TPI-1995 (STD)/FBC

7.04.0805 QTY:1 FL/-4/-/-R/-

Scale = .125"/Ft.

TC LL	20.0 PSF	REF R487 -- 84914
TC DL	10.0 PSF	DATE 09/12/05
BC DL	10.0 PSF	DRW HCUSR487 05255021
BC LL	0.0 PSF	HC-ENG JB/ADR
TOT.LD.	40.0 PSF	SEQN- 31329
DUR.FAC.	1.25	FROM JP
SPACING	24.0"	JREF- 1S0F487_Z01

SEP 12 2005

STATE OF FLORIDA

PROFESSIONAL ENGINEER

No. 58752

SEP 12 2005

FL-Certificate of Authorization # 567

Alpine Engineered Products, Inc.
1050 Marley Drive
Haines City, FL 33844

FL-Certificate of Authorization # 567

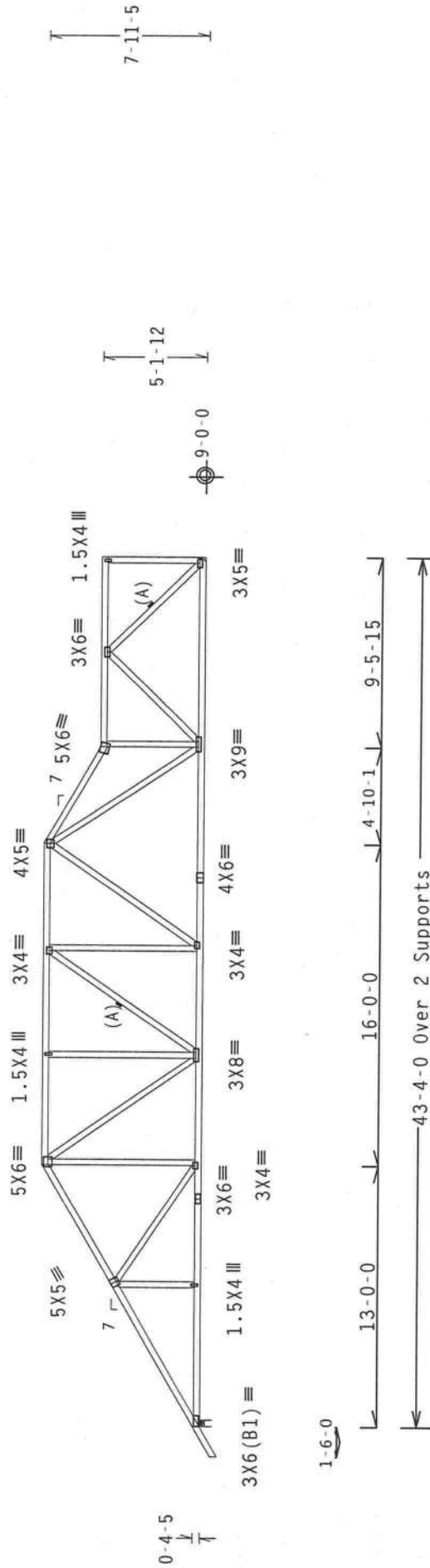
110 mph wind, 12.71 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

Deflection meets L/360 live and L/240 total load.

Right end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.



R=1843 U=318 W=3.5"

R=1719 U=316 H=Simpson HUS26
w/ (6) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder
Girder is (2)2X8 min. So.Pine

PLT TYP. Wave TPI

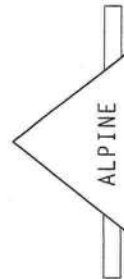
Design Crit: TPI-1995(STD)/FBC

QTY:1 EL / - / 4 / - / - / R / -

Scale = .125"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-03 (BUILDING COMPANY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 583
MADISON, WI 53719, AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 INTERSTATE 10,
MADISON, WI 53719) FOR RECOMMENDING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED,
TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PLYS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED
RIGID CEILING.

***IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE CONTRACTOR SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING, OR ERECTING THIS TRUSS. PROVISIONS OF THIS NATIONAL DESIGN SPEC. BY AFRICAN CONNECTION PLATES ARE MADE TO THE TRUSS MANUFACTURER. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS. UNLESS OTHERWISE LOCATED ON THIS DESIGN, PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF TPI1-2002 SPEC. THIS DESIGN INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE PURPOSES OF THIS DESIGN, THE BUILDING IS A BUILDING. THE BUILDING DESIGNER PER ANNEX A OF TPI1-2002 SPEC. 2



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

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Sep 12 '05

TC LL	20.0	PSF	REF R487-- 84915
TC DL	10.0	PSF	DATE 09/12/05
BC DL	10.0	PSF	DRW HCUR8487 05255020
BC LL	0.0	PSF	HC-ENG JB/ADR
TOT.LD.	40.0	PSF	SEQN- 31345
DUR.FAC.	1.25		FROM JP
SPACING	24.0"		JREF- 1SQF487 701

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

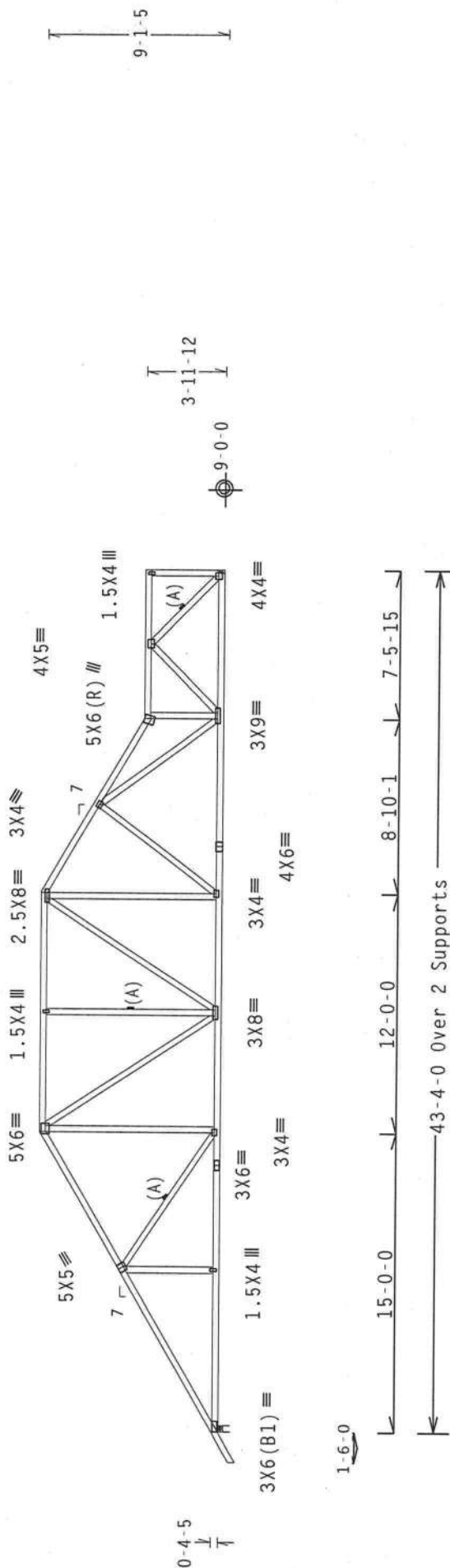
110 mph wind, 13.30 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

Right end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

Deflection meets L/360 live and L/240 total load.



R=1843 U=318 W=3.5"

R=1719 U=307 H=Simpson HUS26
w/ (6) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder
Girder is (2)2X8 min. So.Pine

PLT TYP. Wave TPI	Design Crit: TPI-1995(STD)/FBC		7.04.0805	QTY:1	FL/-/4/-/-R/-	Scale = .125"/Ft.
	R=1719 U=307 H=Simpson HUS26		TC LL	20.0 PSF	REF	R487-- 84916
	w/ (6) 10d Common, 0.148"x3.0" nails in Truss		TC DL	10.0 PSF	DATE	09/12/05
	w/ (14) 10d Common, 0.148"x3.0" nails in Girder		BC DL	10.0 PSF	DRW	HCUSR487 05255019
	Girder is (2)2X8 min. So.Pine		BC LL	0.0 PSF	HC-ENG	JB/ADR
			TOT.LD.	40.0 PSF	SEQN-	31361
				DUR.FAC.	1.25	FROM JP
				SPACING	24.0"	JREF- 1SQF487_Z01



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES (BUILDING COMPONENT SAFETY) AND TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WCA (WOOD CONNECTION ASSOCIATION, 1000 N. 10TH ST., SUITE 100, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W-H/S/M) ASTM A653 GRADE 40/60 (W, K/H-S) GALV. STEEL. APPLY ANY RESPECT EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY TRUSS OR TRUSS COMPONENT SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DESIGN INDICATES ACCEPTANCE OF PROJECT. THE DESIGNER'S RESPONSIBILITY IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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1980 Marley Drive
Haines City, FL 33844
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Top chord	2x4	SP #2	Dense
Bot chord	2x4	SP #2	Dense
Webbs	2x4	SP #3	:W12 2x4 SP #2 Dense:

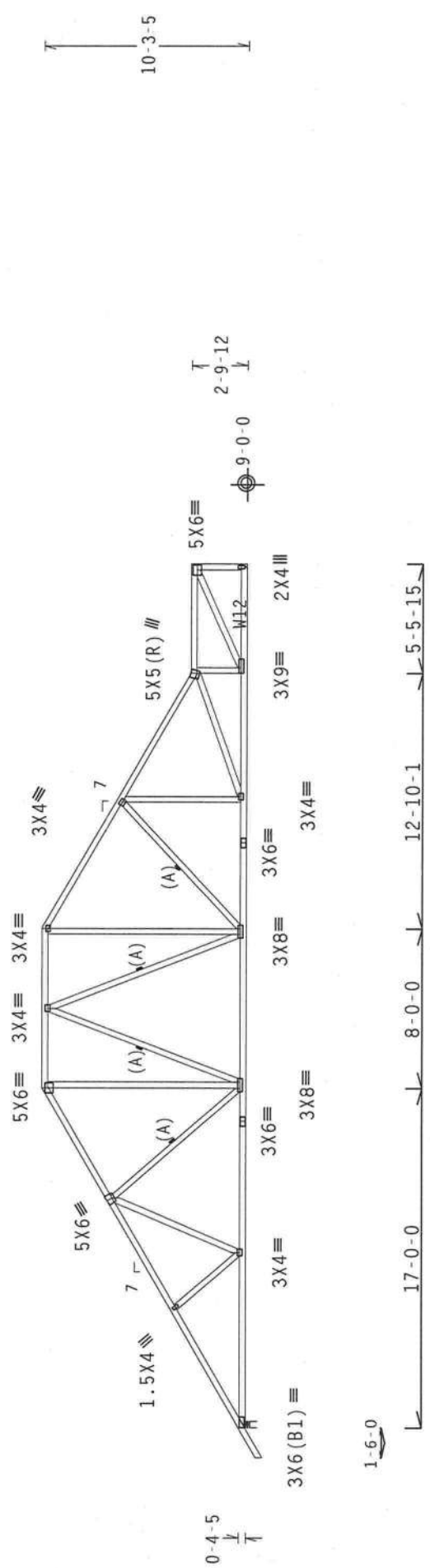
110 mph wind, 13.88 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

Right end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

Deflection meets L/360 live and L/240 total load.



R=1843 U=316 W=3.5"

R=1719 U=298 H-Simpson HUS26
w/ (6) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder
Girder is (2)2x8 min. So.Pine

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

QTY:1 FL/-4/-/-R/- Scale =.125"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCS1 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D OROFIO DR., SUITE 200, MADISON, WI 53719) AND WICA (WOOD TRUSS COMPANY 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.

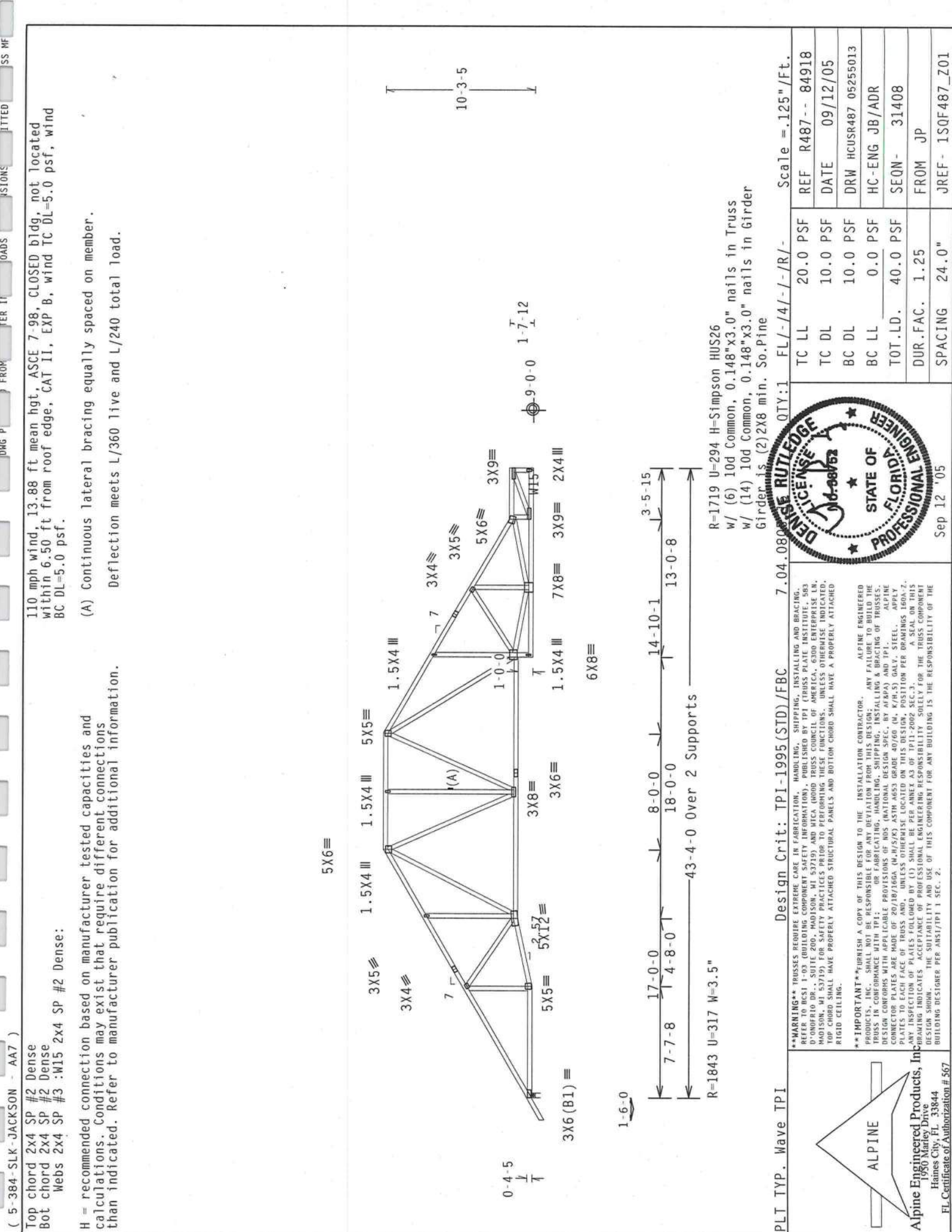
****IMPORTANT****-FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. PRODUCTS SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE DESIGN CONFORMS WITH ALL APPLICABLE REGULATIONS, INCLUDING BUT NOT LIMITED TO THE DESIGN PROVISIONS OF THE NATIONAL BUILDING CODE OF THE PHILIPPINES AND THE NATIONAL CONNECTOR PLATES ARE MADE OF 20X18/16GA (W/H)STEEL ASTM A653 GRADE 40/50 (K/H/S) GALV STEEL. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS APPA-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A.3 OF TP1-2002 SEC.3. A SEAL ON THIS EMPANELING 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 ANST/PTI 1 SEC. 2.



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

Haines City, FL 33844
FL Certificate of Authorization # 567

	TC LL	20.0	PSF	REF	R487-- 84917
	TC DL	10.0	PSF	DATE	09/12/05
	BC DL	10.0	PSF	DRW	HCUR487 05255017
	BC LL	0.0	PSF	HC-ENG	JB/ADR
	TOT.LD.	40.0	PSF	SEQN-	31380
	DUR.FAC.	1.25		FROM	JP
	SPACING	24.0"		JREF-	1SQF487_Z01



110 mph wind, 11.86 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

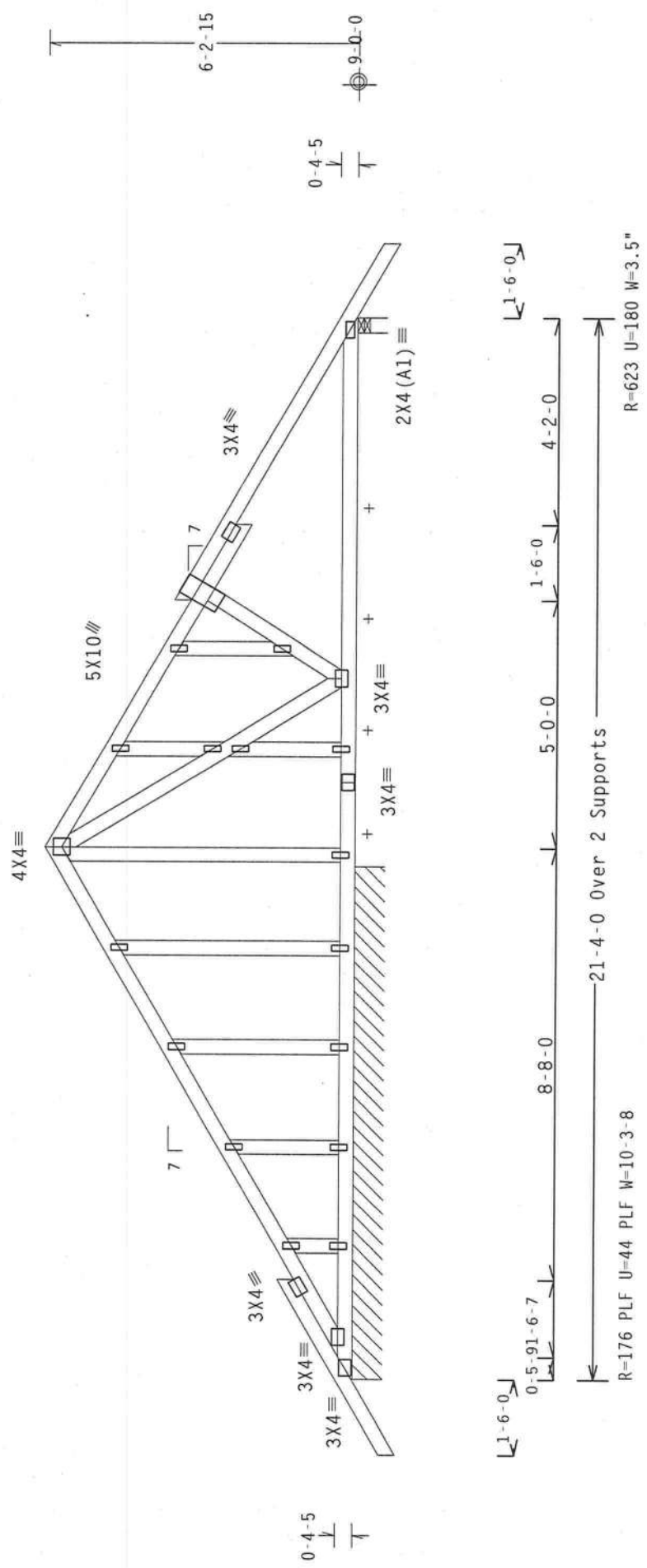
Deflection meets L/360 live and L/240 total load.

THE BUILDING DESIGNER IS RESPONSIBLE FOR THE DESIGN OF ROOF AND CEILING DIAPHRAGMS, GABLE END SHEAR WALLS, SUPPORTING SHEAR WALLS. SHEAR WALLS MUST PROVIDE CONTINUOUS LATERAL RESTRAINT TO GABLE END. ALL CONNECTIONS TO BE DESIGNED BY THE BUILDING DESIGNER.

SPECIAL LOADS

----- (LUMBER DUR-FAC=1.25 / PLATE DUR-FAC=1.25)	
TC - From	81 PLF at 10.00
TC - From	111 PLF at 15.67
TC - From	60 PLF at 22.83
BC - From	4 PLF at 0.00
BC - From	20 PLF at 21.33
BC - From	4 PLF at 22.83

+ MEMBER TO BE LATERALLY BRACED FOR HORIZONTAL WIND LOADS. BRACING SYSTEM TO BE DESIGNED AND FURNISHED BY OTHERS.



Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04.0808

QTY:1

FL/-/4/-/R/-

Scale = .3125"/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 RES 1-03 (INCLUDING THE TPI TRUSS PLATE INSTITUTE, 503 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND MECA (MILWAUKEE ENGINEERING & CONSTRUCTION, INC., 1000 W. WISCONSIN AVE., SUITE 100, MILWAUKEE, WI 53233) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE SPECIFIED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

*****IMPORTANT***** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (M-H/S/K) ASTM A653 GRADE 40/60 (IN. K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. PLATES SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS BRACING INDICATES THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

TC LL	20.0 PSF
TC DL	10.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	40.0 PSF
DUR.FAC.	1.25
SPACING	24.0"

SEP 12 '05

PROFESSIONAL ENGINEER

STATE OF FLORIDA

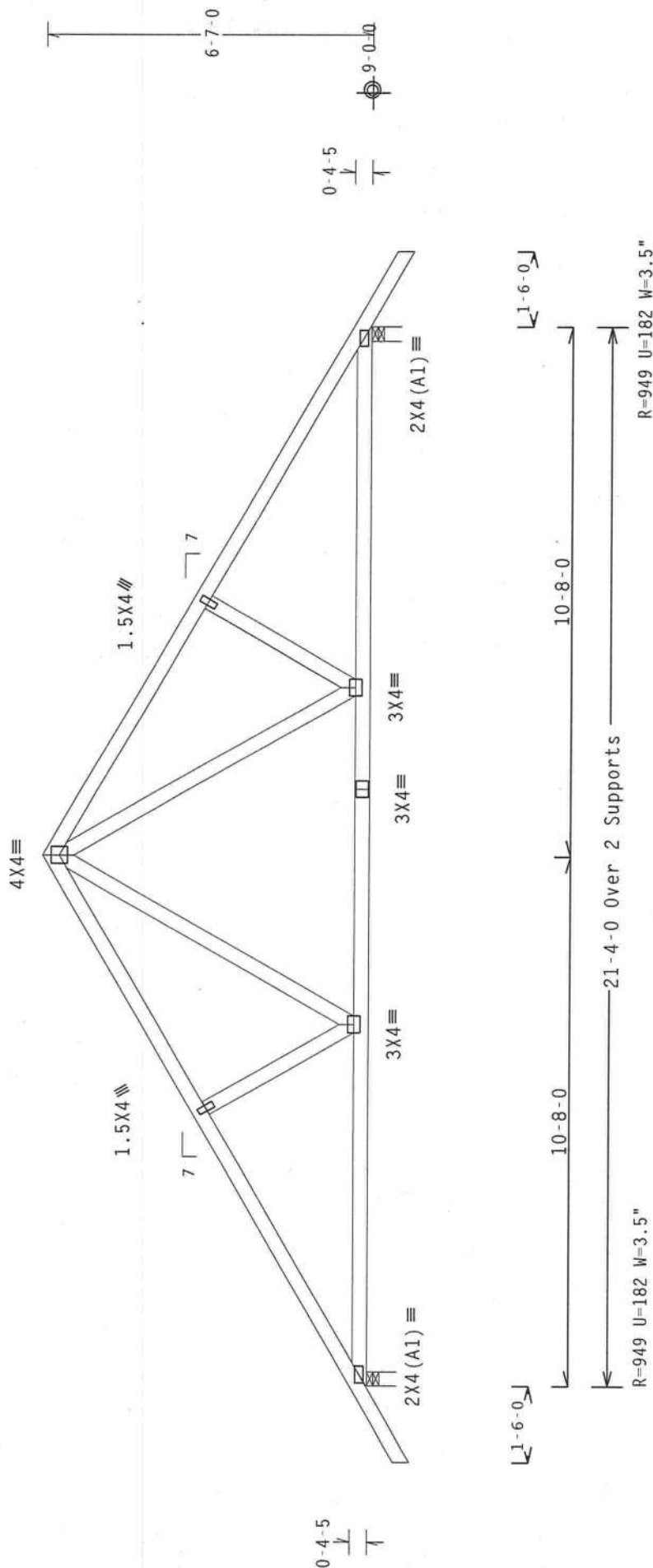
06-98762

DENISE RUTLEDGE

REF	R487--	84919
DATE	09/12/05	
DRW	HCUSR487	05255007
HC-ENG	JB/ADR	
SEQN-	31041	
FROM	JP	
JREF-	1SQF487_Z01	

110 mph wind, 12.03 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Deflection meets L/360 live and L/240 total load.



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FRC

7 04 0805

OTV-A EI 1-1A1-1-1D1-

Scale = .3125" / Ft.

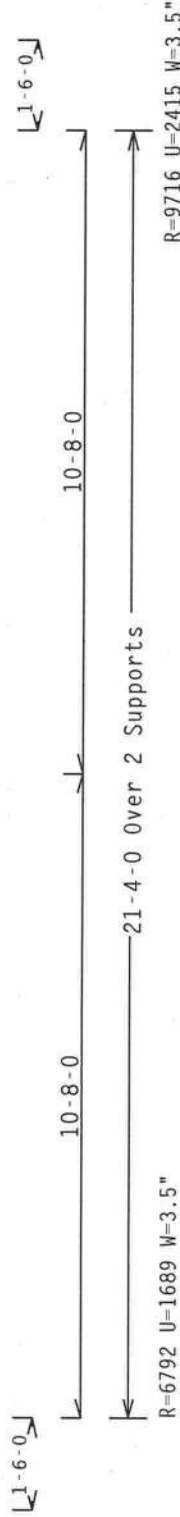
[illegible]

	Top	chord	2x4	SP	#2	Dense
Bot	chord	2x8	SP	SS		
		webs	2x4	SP	#3	

Top Chord: 1 Row @ 12.00" o.c.
Bot Chord: 2 Rows @ 4.00" o.c.
Webs : 1 Row @ 4" o.c.

1110 mph wind, 12.03 ft mean hgt., ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

4X5(R) III



Design Crit: TPI-1995(STD)/ERC

Design Crit: TPI-1995(STD)/FBC

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. PROPER TRUSS DESIGN (INCLUDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (THUSS PLATE COMPANY), 593 CONOVER RD, SUITE 100, WILKES BARRE, PA 18706 (800) 708-7838, OR TPI (4000 TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO FABRICATING THESE TRUSSECTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

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

Haines City, FL 33844
FL Certificate of Authorization # 567

TC LL	20.0 PSF	REF	R487--	84921
TC DL	10.0 PSF	DATE	09/12/05	
BC DL	10.0 PSF	DRW	HCUSR487	05255031
BC LL	0.0 PSF	HC-ENG	JB/ADR	
TOT.LD.	40.0 PSF	SEQN-	31440	
DUR.FAC.	1.25	FROM	JP	
SPACING	24.0"	JREF-	150E487	701

1S0F487 701

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

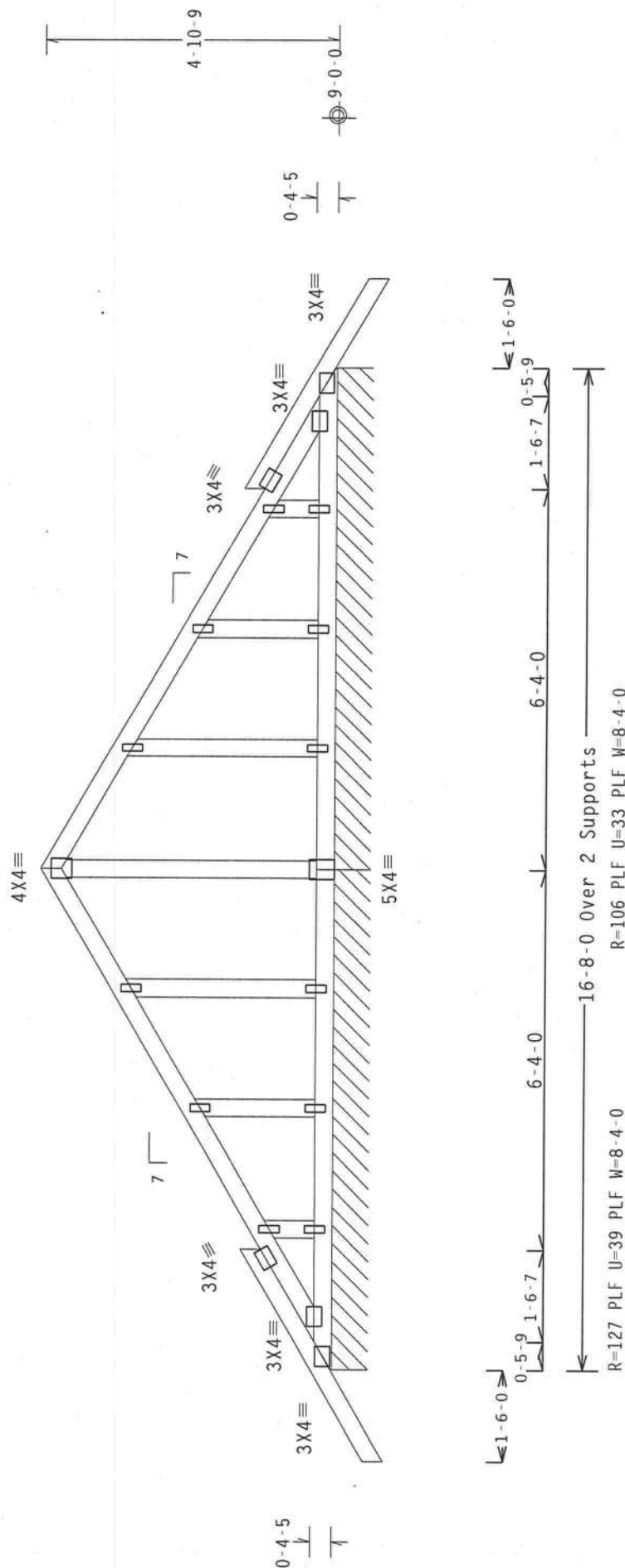
110 mph wind, 11.18 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

SPECIAL LOADS

		(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)	
TC	- From	81 PLF at -1.50 to	81 PLF at 18.17
BC	- From	4 PLF at -1.50 to	4 PLF at 0.00
BC	- From	20 PLF at 0.00 to	20 PLF at 16.67
BC	- From	4 PLF at 16.67 to	4 PLF at 18.17

See DWGS A11015EC1103 & GBLETTIN0405 for more requirements.

Deflection meets L/360 live and L/240 total load.



Note: All Plates Are 1.5X4 Except As Shown.

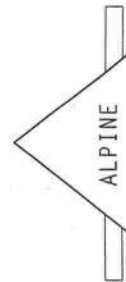
PLT TYP. Wave TPI

Design Crit: TPI-1995 (STD) / FRC

7

0TV.1 EI / - / A / - / - / D / -

Scale = .375" / Ft.



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Haines City, FL 33844

FL Certificate of Authorization # 567

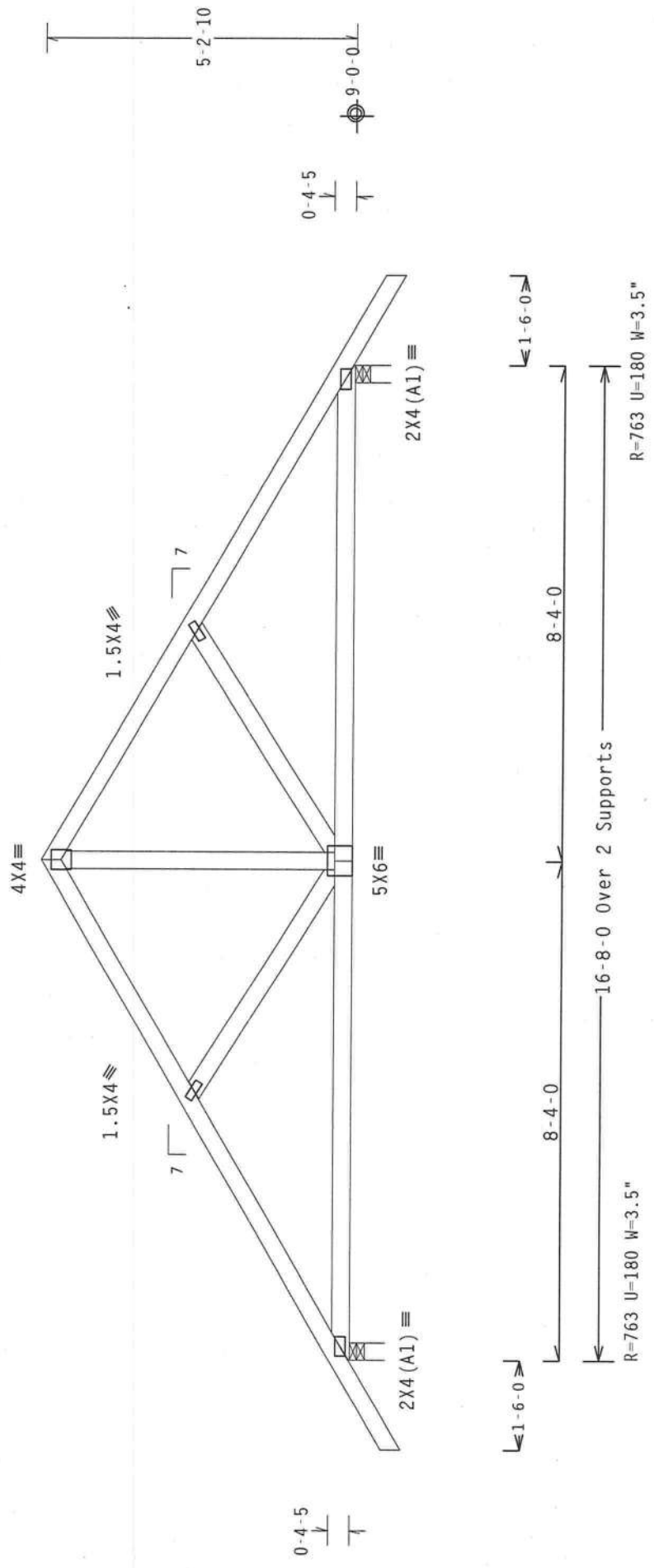


Sep 12 '05

TC LL	20.0	PSF	REF	R487--	84922
TC DL	10.0	PSF	DATE	09/12/05	
BC DL	10.0	PSF	DRW	HCUSR487	05255004
BC LL	0.0	PSF	HC-ENG	JB/ADR	
TOT.LD.	40.0	PSF	SEQN-	30390	
DUR.FAC.	1.25		FROM	JP	
SPACING	24.0"		JREF-	1SOF487	Z01

110 mph wind, 11.35 ft mean hot, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Deflection meets L/360 live and L/240 total load.



PLT TYP. Wave TPI		Design Crit: TPI-1995 (STD)/FBC		7.04.0800		QTY: 1		FL / - / - / R / -		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, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSE 1-03 (BUILDING COMPONENT SAFETY INFORMATION), TRUSS CONNECTIONS BY TPI (TRUSS PLATE INSTITUTE), 593 D'ORFONIO DR., SUITE 200, MADISON, WI 53719, AND WCA, 16020 TRUSS RD., FORT MONROE, VA 22031, FOR TRUSS DESIGN, MANUFACTURING, MAINTENANCE, REPAIR, AND REPLACEMENT PRACTICES. ALL TRUSSES SHALL BE DESIGNED, MANUFACTURED, SHIPPED, INSTALLED, AND MAINTAINED IN ACCORDANCE WITH THE ABOVE LISTED REFERENCES. IF ANY DISCREPANCY IS FOUND BETWEEN THESE REFERENCES AND THE TRUSS DESIGN, THE TRUSS DESIGN SHALL PREVAIL. THE TRUSS DESIGNER SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. **IMPORTANT** *PURNISH 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 FOLLOW THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AF&A) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/S/K) ASTM A653 GRADE 40/60 (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 (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.									
		TC LL	20.0 PSF		REF	R487 --	84923				
		TC DL	10.0 PSF		DATE	09/12/05					
		BC DL	10.0 PSF		DRW	HCSR487	05255005				
		BC LL	0.0 PSF		HC-ENG	JB/ADR	*				
TOT.LD.	40.0 PSF		SEQN-	30982							
DUR.FAC.	1.25		FROM	JP							
SPACING	24.0"		JREF-	1SQF487_Z01							

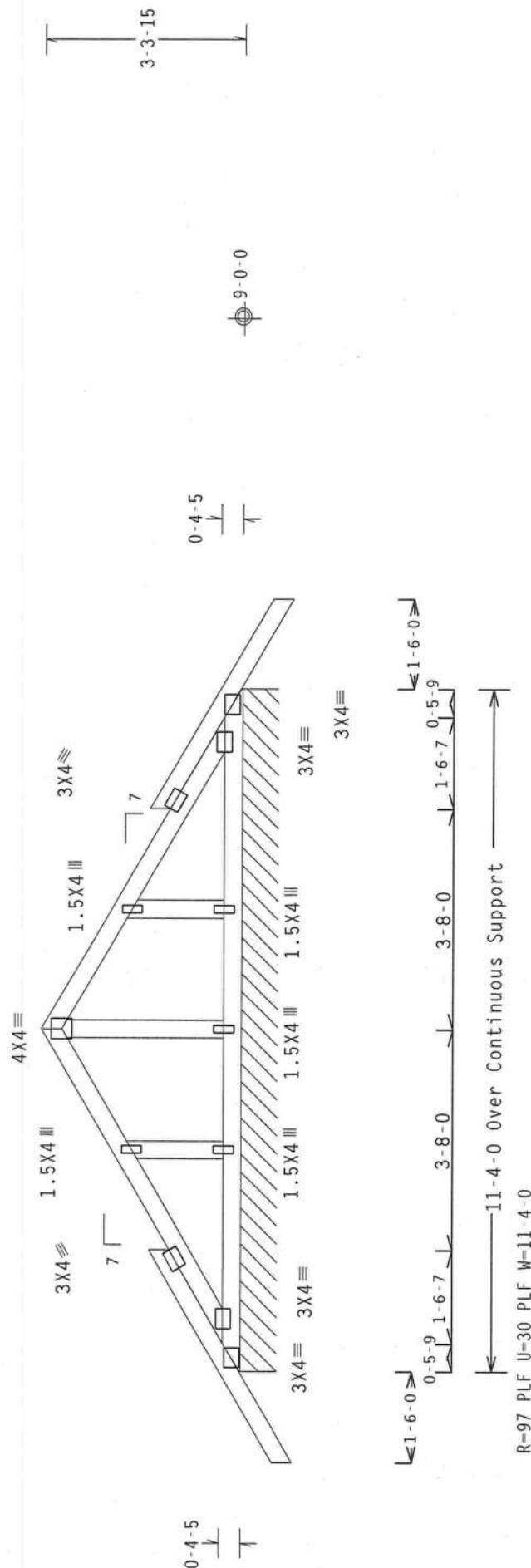
1	FL/-/4/-/-/R/-	Scale = .375"/Ft.	
TC LL	20.0 PSF	REF	R487 - - 84924
TC DL	10.0 PSF	DATE	09/12/05
BC DL	10.0 PSF	DRW	HCUSR487 08255006
BC LL	0.0 PSF	HC-ENG	JB/ADR
TOT.LD.	40.0 PSF	SEQN-	31258
DUR.FAC.	1.25	FROM	JP
SPACING	24.0"	JREF-	1SQF487_Z01

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

110 mph wind, 10.40 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

See DWGS A11015EC1103 & GBLLETIN0405 for more requirements.

Deflection meets L/360 live and L/240 total load.



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7

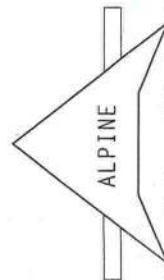
OTY:1 EI /- /A /- /- /R /-

Scale = 375"/ft+

TC LL	20.0	PSF	REF R487-- 84925
TC DL	10.0	PSF	DATE 09/12/05
BC DL	10.0	PSF	DRW HCUR487 05255016
BC LL	0.0	PSF	HC-ENG JB/ADR
TOT.LD.	40.0	PSF	SEQN- 31018
DUR.FAC.	1.25		FROM JP
SPACING	24.0"		JREF- ISO487 Z01



Sep 12 '05



Alpine Engineered Products, Inc.
1950 Marley Drive

Haines City, FL 33844

FL Certificate of Authorization # 567

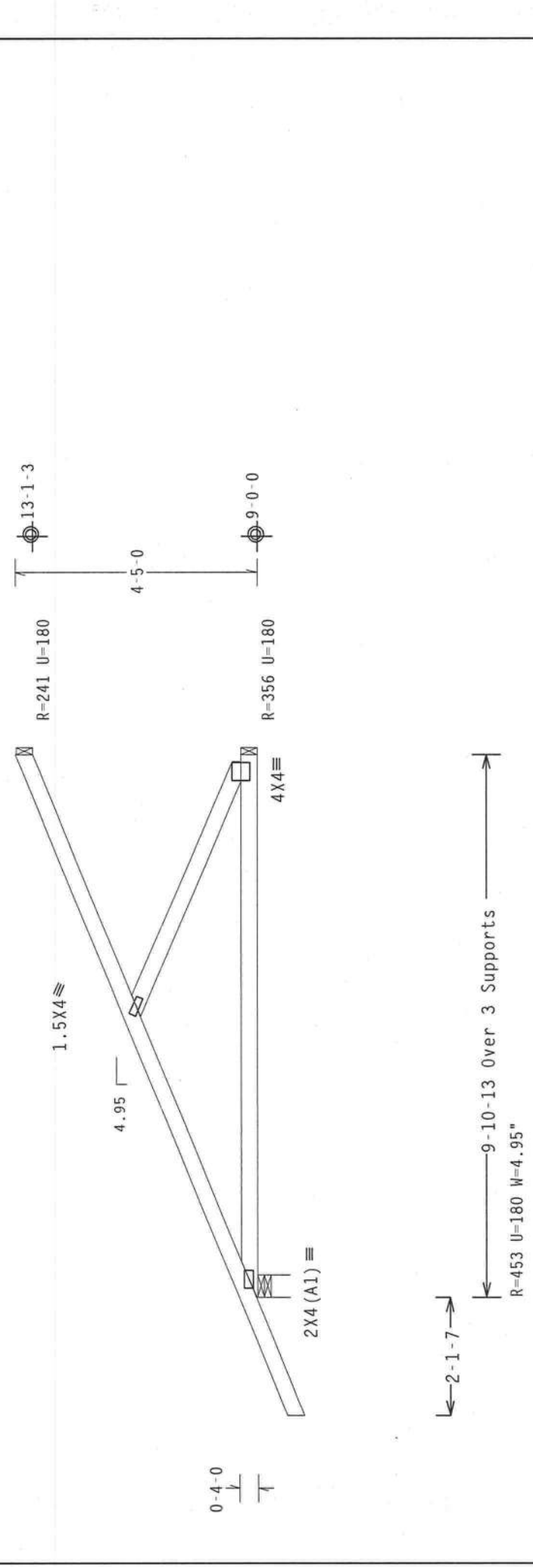
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg. Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Deflection meets L/360 live and L/240 total load.

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

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (3) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.



PLT TYP. Wave TPI

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

Design Crit: TPI-1995 (STD)/FBC

7.04.08

Scale = .375"/Ft.

QTY: 4

FL / - / 4 / - / R / -

TC LL 20.0 PSF

TC DL 10.0 PSF

BC DL 10.0 PSF

BC LL 0.0 PSF

TOT.LD. 40.0 PSF

DUR.FAC. 1.25

SPACING 24.0"

REF R487 -- 84926

DATE 09/12/05

DRW HCUSR487 05255022

HC-ENG JB/ADR

SEQN- 30973

FROM JP

JREF- 1SQF487_Z01

****WARNING**** TROSSES 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, 583 O'DONOHUE DR., SUITE 200, MADISON, WI 53719), AND WTC (WOOD TRUSS COMPANY, 10000 W. 10TH AVE., SUITE 100, DENVER, CO 80231) FOR THE LATEST REVISIONS OF THE TPI TRUSS CONNECTIONS MANUAL. THE TPI TRUSS CONNECTIONS MANUAL IS THE AUTHORITY FOR THE DESIGN OF TROSSES. 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 ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TROSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TROSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/S/K) ASTM A653 GRADE 40/60 (W, F/H,S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-Z. 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 TROSS 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.

Sep 12 '05

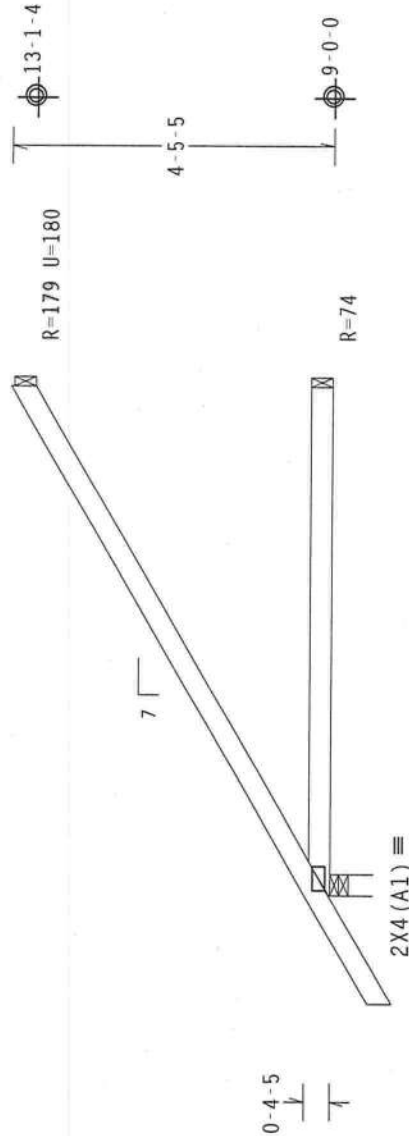
PROFESSIONAL ENGINEER
STATE OF FLORIDA
LICENSE # 658752

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

Deflection meets L/360 live and L/240 total load.

110 mph wind, 10.96 ft mean hgt, ASCE 7-98, CLOSED bldg. Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.



1-6-07

← 7-0-0 Over 3 Supports →
R=403 U=180 W=3.5"

PLT_TYP. Wave TPI

Design Crit: TPI-1995 (STD) / FRC

7 04 0805

QTY:42 FL/-/4/-/-/R/-

Scale = .375" / Ft.

WARNING THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-103 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 583 MADISON ST., CHICAGO, ILL. 60610, AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE, IN. 46039) FOR ADDITIONAL INFORMATION REGARDING THE PROPER USE OF THESE THUSSES IN PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PURLINS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED BRACING.

* **IMPORTANT** FURNISH A COPY OF THE DESIGN TO THE INSTALLATION CONTRACTOR.
PRODUCTS INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN.
DESIGN IN CONFORMANCE WITH TPI:
TENSION COMPOUNDS WITH APPLICABLE PROVISIONS OF NDS NATIONAL DESIGN SPEC, BY AREA
CONSTRUCTION COMPANIES WITH APPLICABLE PROVISIONS ON THIS DESIGN.
PLATES TO EACH FACE OF THROUS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN.
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANEX A OF TP11-2009 SEC
PROGRAMMING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY
BUILDING DESIGNER PER ANSI/TPI 1 SEC 2 OF THIS COMPONENT FOR BUILDING IS



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

FL Certificate of Authorization # 567



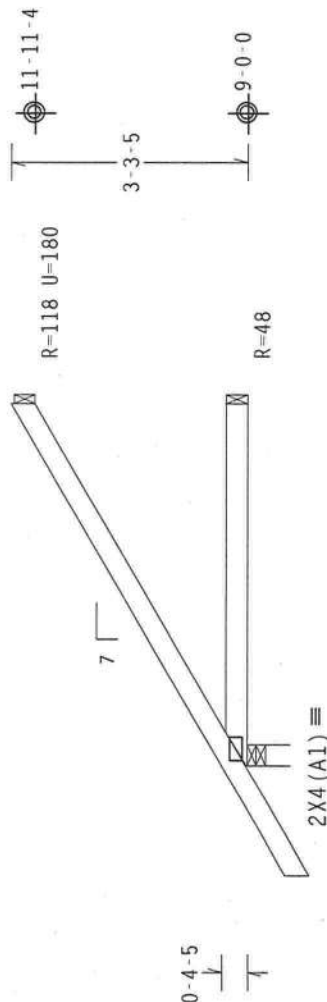
Sep 12 '05

2	TL	4	-	R	-	Scale = 3/5" = 1 ft.
TC	LL	20.0	PSF	REF	R487--	84927
TC	DL	10.0	PSF	DATE	09/12/05	
BC	DL	10.0	PSF	DRW	HCUSR487	05255026
BC	LL	0.0	PSF	HC-ENG	JB/ADR	*
TOT	LD.	40.0	PSF	SEQN-	30961	
DUR.	FAC.	1.25		FROM	JP	
SPACING	24.0"			JREF-	1S0F487	Z01

Deflection meets L/360 live and L/240 total load.

11110 mph wind, 10.38 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.



1-6-07

5-0-0 Over 3 Supports $\rightarrow$
 $P=330$ $U=180$ $W=3.5"$

PLT TYP. Wave TPI

Design Crit: TPI-1995 (STD) / FBC

7.04.0805

QTY: 8 FI 1 - / 4 / - / - / R / -

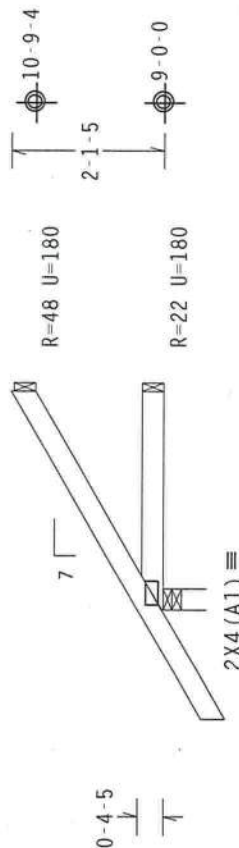
Scale = .375" / Ft.

	Alpine Engineered Products, Inc.		REF R487 -- 84928
	1950 Marley Drive Haines City, FL 33844		DATE 09/12/05
			DRW HCURS487 05255023
			HC-ENG JB/ADR
			SEQN- 30955
			FROM JP
			DUR.FAC. 1.25
			TOT.LD. 40.0 PSF
			BC LL 0.0 PSF
			BC DL 10.0 PSF
			TC DL 10.0 PSF
			TC LL 20.0 PSF
			SPACING 24.0"
			JREF- 1SQF487 Z01

110 mph wind, 9.80 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Deflection meets L/360 live and L/240 total load.

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.



$\leq 1-6-0 \geq$
 $\underbrace{3-0-0 \text{ Over } 3 \text{ Supports}}_{\substack{R=266 \quad U=180 \quad W=3.5''}}$

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

QTY.8 EL 1-1A1-1-1P1-

Scale = .375"/Ft.

TC LL	20.0	PSF	REF	R487 - -	84929
TC DL	10.0	PSF	DATE	09/12/05	
BC DL	10.0	PSF	DRW	HCUSR487	05255024
BC LL	0.0	PSF	HC - ENG	JB/ADR	*
TOT.LD.	40.0	PSF	SEON -	30949	
DUR.FAC.	1.25		FROM	JP	
SPACING	24.0"		JREF -	1SQF487	Z01



Sep 12 '05

WARNING TUNESLS REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO 9651.10 QUALITY ASSURANCE, PUBLISHED BY IPT CONCRETE PUMP INSTITUTE, 583 O'DONNELL DR., SUITE 200, MADISON, WI 53219, FOR MORE INFORMATION. TUNESLS ARE TO BE USED IN ACCORDANCE WITH THE TUNESLS MANUAL, PUBLISHED BY IPT CONCRETE PUMP INSTITUTE, 583 O'DONNELL DR., SUITE 200, MADISON, WI 53219, AND VICE versa FOR PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE SPECIFIED, ALL TUNESLS SHALL BE USED IN ACCORDANCE WITH THE TUNESLS MANUAL. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

[illegible]

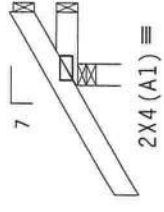
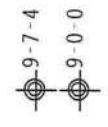
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

110 mph wind, 9.21 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

Deflection meets L/360 live and L/240 total load.

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

0-4-5
0-11-5



L=1-6-0
1-0-0 over 3 Supports

R=294 U=180 W=3.5"

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

QTY: 8 FL/-4/-/-R/-

Scale = .375" /Ft.

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

0-4-5
0-11-5

R=108 U=180
R=9 U=180

L=1-6-0
1-0-0 over 3 Supports

R=294 U=180 W=3.5"

0-4-5
0-11-5

7.04.080

Design Crit: TPI-1995(STD)/FBC

QTY: 8 FL/-4/-/-R/-

Scale = .375" /Ft.

REF R487-- 84930
DATE 09/12/05
DRW HCUSR487 05255025
HC-ENG JB/ADR
SEON- 30941
FROM JP
JREF- 1S0F487_Z01



****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, 503 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.

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PLATES ARE MADE OF 20/18/21/22/23/24/25/26/27/28/29/30/31/32/33/34/35/36/37/38/39/40/41/42/43/44/45/46/47/48/49/50/51/52/53/54/55/56/57/58/59/60/61/62/63/64/65/66/67/68/69/70/71/72/73/74/75/76/77/78/79/80/81/82/83/84/85/86/87/88/89/90/91/92/93/94/95/96/97/98/99/100/101/102/103/104/105/106/107/108/109/110/111/112/113/114/115/116/117/118/119/120/121/122/123/124/125/126/127/128/129/130/131/132/133/134/135/136/137/138/139/140/141/142/143/144/145/146/147/148/149/150/151/152/153/154/155/156/157/158/159/160/161/162/163/164/165/166/167/168/169/170/171/172/173/174/175/176/177/178/179/180/181/182/183/184/185/186/187/188/189/190/191/192/193/194/195/196/197/198/199/200/201/202/203/204/205/206/207/208/209/210/211/212/213/214/215/216/217/218/219/220/221/222/223/224/225/226/227/228/229/230/231/232/233/234/235/236/237/238/239/240/241/242/243/244/245/246/247/248/249/250/251/252/253/254/255/256/257/258/259/260/261/262/263/264/265/266/267/268/269/270/271/272/273/274/275/276/277/278/279/280/281/282/283/284/285/286/287/288/289/290/291/292/293/294/295/296/297/298/299/300/301/302/303/304/305/306/307/308/309/310/311/312/313/314/315/316/317/318/319/320/321/322/323/324/325/326/327/328/329/330/331/332/333/334/335/336/337/338/339/340/341/342/343/344/345/346/347/348/349/350/351/352/353/354/355/356/357/358/359/360/361/362/363/364/365/366/367/368/369/370/371/372/373/374/375/376/377/378/379/380/381/382/383/384/385/386/387/388/389/390/391/392/393/394/395/396/397/398/399/400/401/402/403/404/405/406/407/408/409/410/411/412/413/414/415/416/417/418/419/420/421/422/423/424/425/426/427/428/429/430/431/432/433/434/435/436/437/438/439/440/441/442/443/444/445/446/447/448/449/450/451/452/453/454/455/456/457/458/459/460/461/462/463/464/465/466/467/468/469/470/471/472/473/474/475/476/477/478/479/480/481/482/483/484/485/486/487/488/489/490/491/492/493/494/495/496/497/498/499/500/501/502/503/504/505/506/507/508/509/510/511/512/513/514/515/516/517/518/519/520/521/522/523/524/525/526/527/528/529/530/531/532/533/534/535/536/537/538/539/540/541/542/543/544/545/546/547/548/549/550/551/552/553/554/555/556/557/558/559/560/561/562/563/564/565/566/567/568/569/570/571/572/573/574/575/576/577/578/579/580/581/582/583/584/585/586/587/588/589/590/591/592/593/594/595/596/597/598/599/600/601/602/603/604/605/606/607/608/609/610/611/612/613/614/615/616/617/618/619/620/621/622/623/624/625/626/627/628/629/630/631/632/633/634/635/636/637/638/639/640/641/642/643/644/645/646/647/648/649/650/651/652/653/654/655/656/657/658/659/660/661/662/663/664/665/666/667/668/669/670/671/672/673/674/675/676/677/678/679/680/681/682/683/684/685/686/687/688/689/690/691/692/693/694/695/696/697/698/699/700/701/702/703/704/705/706/707/708/709/710/711/712/713/714/715/716/717/718/719/720/721/722/723/724/725/726/727/728/729/730/731/732/733/734/735/736/737/738/739/740/741/742/743/744/745/746/747/748/749/750/751/752/753/754/755/756/757/758/759/760/761/762/763/764/765/766/767/768/769/770/771/772/773/774/775/776/777/778/779/780/781/782/783/784/785/786/787/788/789/790/791/792/793/794/795/796/797/798/799/800/801/802/803/804/805/806/807/808/809/810/811/812/813/814/815/816/817/818/819/820/821/822/823/824/825/826/827/828/829/830/831/832/833/834/835/836/837/838/839/840/841/842/843/844/845/846/847/848/849/850/851/852/853/854/855/856/857/858/859/860/861/862/863/864/865/866/867/868/869/870/871/872/873/874/875/876/877/878/879/880/881/882/883/884/885/886/887/888/889/890/891/892/893/894/895/896/897/898/899/900/901/902/903/904/905/906/907/908/909/910/911/912/913/914/915/916/917/918/919/920/921/922/923/924/925/926/927/928/929/930/931/932/933/934/935/936/937/938/939/940/941/942/943/944/945/946/947/948/949/950/951/952/953/954/955/956/957/958/959/960/961/962/963/964/965/966/967/968/969/970/971/972/973/974/975/976/977/978/979/980/981/982/983/984/985/986/987/988/989/990/991/992/993/994/995/996/997/998/999/1000/1001/1002/1003/1004/1005/1006/1007/1008/1009/1010/1011/1012/1013/1014/1015/1016/1017/1018/1019/1020/1021/1022/1023/1024/1025/1026/1027/1028/1029/1030/1031/1032/1033/1034/1035/1036/1037/1038/1039/1040/1041/1042/1043/1044/1045/1046/1047/1048/1049/1050/1051/1052/1053/1054/1055/1056/1057/1058/1059/1060/1061/1062/1063/1064/1065/1066/1067/1068/1069/1070/1071/1072/1073/1074/1075/1076/1077/1078/1079/1080/1081/1082/1083/1084/1085/1086/1087/1088/1089/1090/1091/1092/1093/1094/1095/1096/1097/1098/1099/1100/1101/1102/1103/1104/1105/1106/1107/1108/1109/1110/1111/1112/1113/1114/1115/1116/1117/1118/1119/1120/1121/1122/1123/1124/1125/1126/1127/1128/1129/1130/1131/1132/1133/1134/1135/1136/1137/1138/1139/1140/1141/1142/1143/1144/1145/1146/1147/1148/1149/1150/1151/1152/1153/1154/1155/1156/1157/1158/1159/1160/1161/1162/1163/1164/1165/1166/1167/1168/1169/1170/1171/1172/1173/1174/1175/1176/1177/1178/1179/1180/1181/1182/1183/1184/1185/1186/1187/1188/1189/1190/1191/1192/1193/1194/1195/1196/1197/1198/1199/1200/1201/1202/1203/1204/1205/1206/1207/1208/1209/1210/1211/1212/1213/1214/1215/1216/1217/1218/1219/1220/1221/1222/1223/1224/1225/1226/1227/1228/1229/1230/12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110 mph wind, 12.02 ft mean hgt, ASCE 7-98, OPEN bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Roof overhang supports 2.00 psf soffit load.

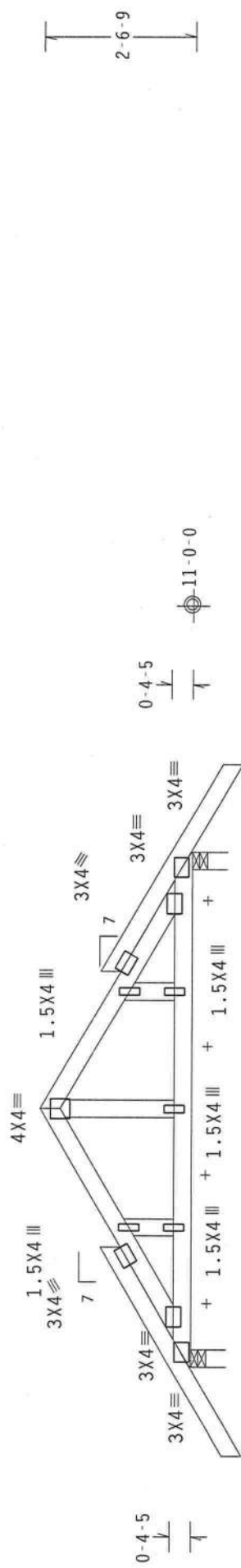
See DWG GBLLETIN0405 for more requirements.

Deflection meets L/360 live and L/240 total load.

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

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 81 PLF at -1.50 to 81 PLF at 10.17
BC - From 4 PLF at -1.50 to 4 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 8.67
BC - From 4 PLF at 8.67 to 4 PLF at 10.17



8'-8-0 Over 2 Supports
R=565 U=180 W=3.5"
R=565 U=180 W=3.5"

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04.08

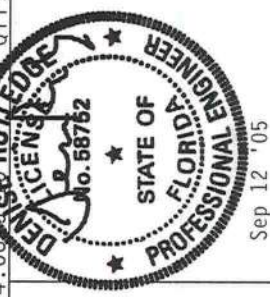
QTY: 1

Scale = .375"/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 AISC (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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TC LL	20.0 PSF
TC DL	10.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	40.0 PSF
DUR.FAC.	1.25
SPACING	24.0"



ALPINE

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

Sep 12 '05

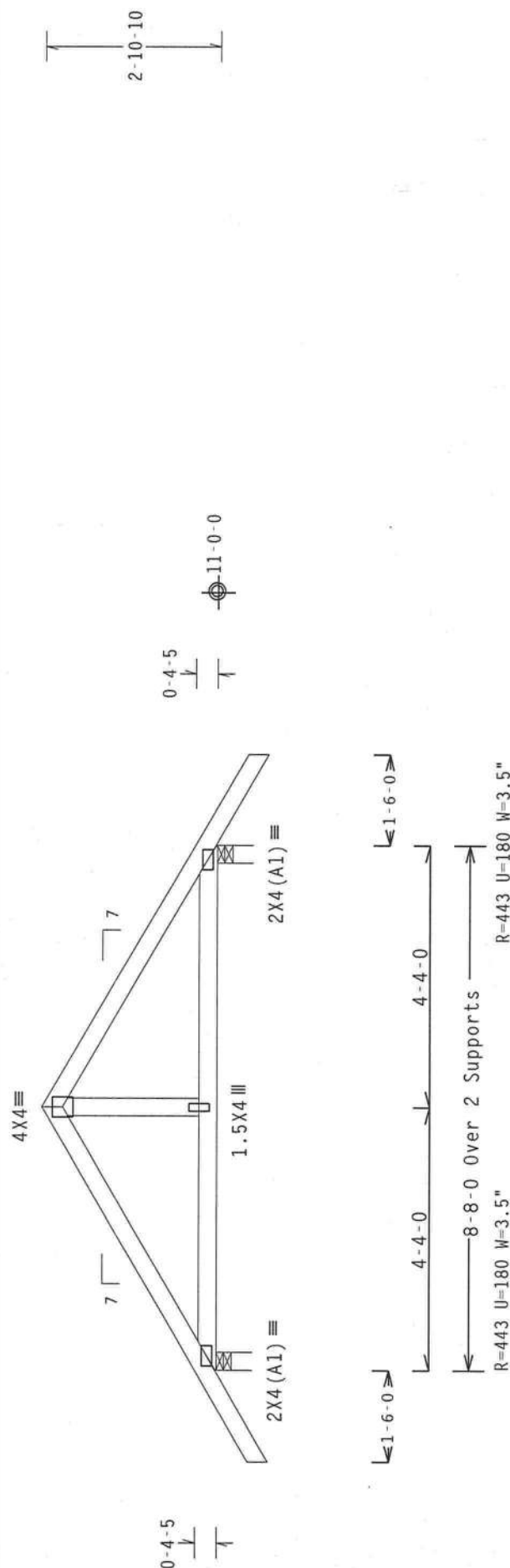
JREF- 1SQF487_Z01

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

110 mph wind, 12.18 ft mean hgt, ASCE 7-98, OPEN bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Roof overhang supports 2.00 psf soffit load.

Deflection meets L/360 live and L/240 total load.



POLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04.0805

Scale = .375"/Ft.

TC LL	20.0	PSF	REF R487 - - 84932
TC DL	10.0	PSF	DATE 09/12/05
BC DL	10.0	PSF	DRW HCUR487 05255010
BC LL	0.0	PSF	HC-ENG JB/ADR *
TOT.LD.	40.0	PSF	SEQN - 30996
DUR.FAC.	1.25		FROM JP
SPACING	24.0"		JREF- 1SQF487 Z01

[illegible]

*IMPORTANT: *FURNISH A COPY OF THIS DESIGN TO AN INSTALLATION CONTRACTOR. ALPINE ENGINEERS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH TPI1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, OR PROVIDING OF ANY MATERIALS, PROVISIONS OF ANY NATIONAL DESIGN SPEC. (BY AIA/AS) AND TPI1 ALPINE ENGINEERS, INC. SHALL BE RESPONSIBLE. THE CONTRACTOR SHALL MAKE TPI1 AND TPI1-2002 SPEC. STEEL PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS HOA-2. A SEAL ON THE DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF THE BUILDING. THE SEAL OF THIS COMPANY FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ALPINE TPI1 SEC. 2.

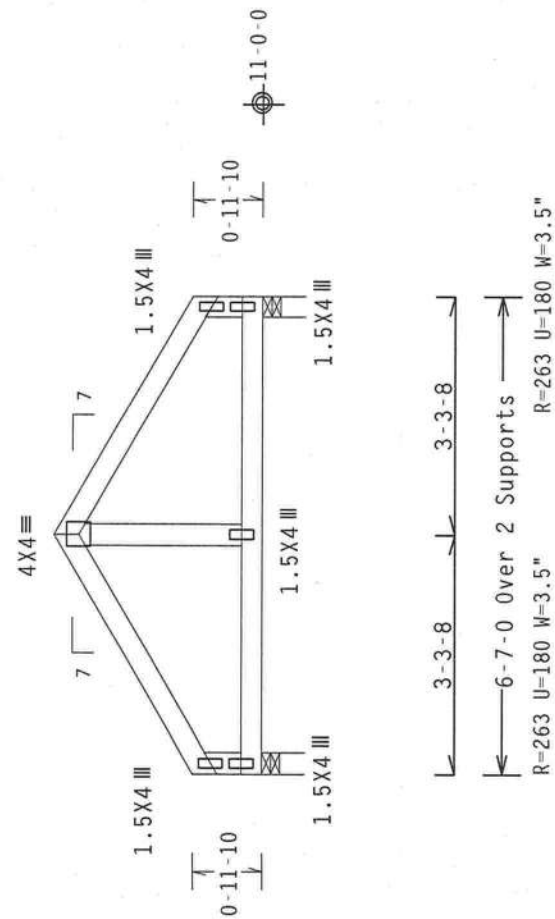
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

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

Deflection meets L/360 live and L/240 total load.

110 mph wind, 12.93 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Fasten rated sheathing to one face of this frame.



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04.080

QTY:3 FL/-/4/-/1-R/-

Scale = .375"/Ft.



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1950 Marley Drive
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****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 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 ACCORDANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGNER SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY CONNECTIONS, BRACING, AND ALL OTHER NECESSARY INFORMATION. TRUSS CHORD PLATES ARE MADE OF 20/18/16GAL H/5/3/3 ASTM A575 GRADE 40/60. ALL STEEL SHALL BE GALVALUME. ALL 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 ON THIS BRACING 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.

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04.080

QTY:3 FL/-/4/-/1-R/-

Scale = .375"/Ft.

TC LL	20.0 PSF	REF	R487 --	84933
TC DL	10.0 PSF	DATE	09/12/05	
BC DL	10.0 PSF	DRW	HCUSR487	05255002
BC LL	0.0 PSF	HC-ENG	JB/ADR	
TOT.LD.	40.0 PSF	SEON-	31265	
DUR.FAC.	1.25	FROM	JP	
SPACING	24.0"	JREF-	1SQF487_Z01	

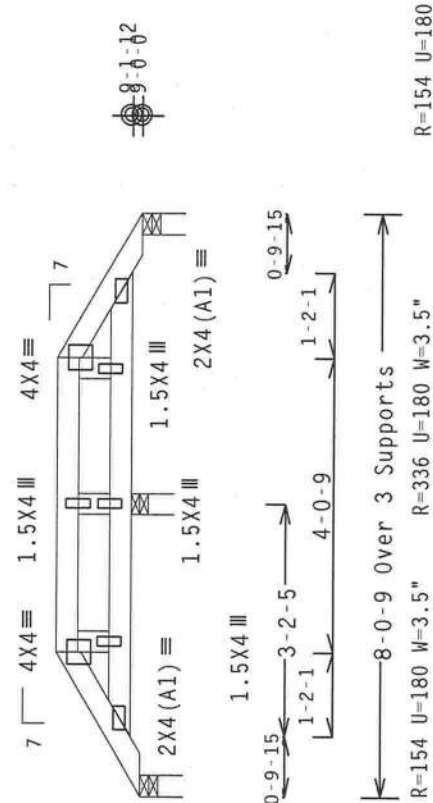


	Top	Bot	SP	SP	SP	Dense	Dense
	chord	chord	2x4	2x4	2x4	#2	#3
		webs					

110 mph wind, 9.58 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind TC DL=5.0 psf.

Deflection meets L/360 live and L/240 total load.

REFER TO DWG PIGBACKB0204 FOR PIGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGYBACK TO
BE BRACED @ 24" O.C., UNLESS OTHERWISE SPECIFIED

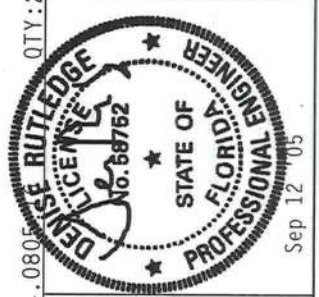


PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04.0805 **USE RUTER** QTY:2 FL/-/4/-/-/R/- Scale =.375"/Ft.

TC LL	20.0	PSF	REF	R487 --	84934
TC DL	10.0	PSF	DATE	09/12/05	
BC DL	10.0	PSF	DRW	HCUSR487	05255028
BC LL	0.0	PSF	HC-ENG	JB/ADR	
TOT.LD.	40.0	PSF	SEQN-	31452	
DUR.FAC.	1.25		FROM	JP	
SPACING	24.0"		JREF-	15QF487_Z01	



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TP1 (TRUSS PLATE INSTITUTE, 983 D-O'ROURIO DR., SUITE 200, MADISON, WI 53719) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF 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 TP1: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICATIONS OF NDS (NATIONAL DESIGN SPEC, BY AEP&A) AND TP1. ALPINE CONNECTOR PLATES ARE MADE OF 2018/106GA (M, H/S/M) ASTM A653 GRADE 40/60 (M, K/H-S) GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-7. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF TP1-2002 SEC.3. A SEAL ON THE DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN. THIS SEAL DOES NOT INDICATE ACCEPTANCE OF RESPONSIBILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TP1 1 SEC. 2.



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1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

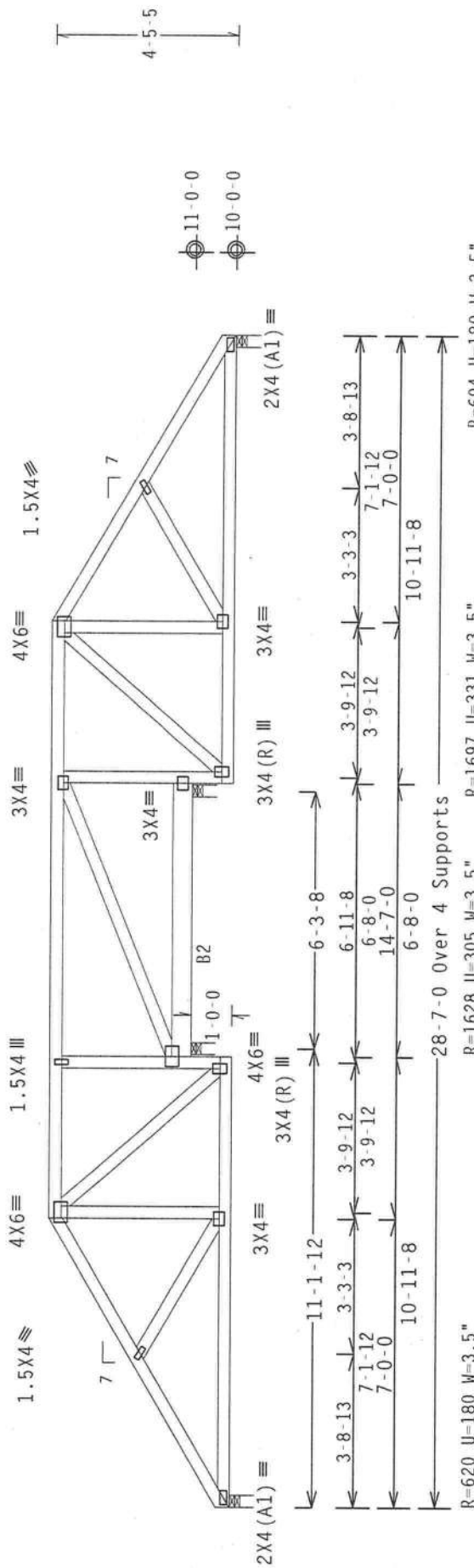
Top chord	2x4	SP #2	Dense
Bot chord	2x4	SP #2	Dense
webs	2x4	SP #3	
			:B2 2x6 SP #2:

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

Deflection meets L/360 live and L/240 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=5.0 psf, wind BC DL=5.0 psf.

Left side jacks have 7-0-0 setback with 0-0-0 cant and 1-6-0 overhang.
End jacks have 7-0-0 setback with 0-0-0 cant and 1-6-0 overhang.
Right side jacks have 7-0-0 setback with 0-0-0 cant and 1-6-0 overhang.



R=620 U=180 W=3.5"

R=1628 H=305 W=35"

$p=1607$ $11=331$ $11=3$ $5''$

1
D-504 11-100 11-3 5"

PLT_TYP. Wave TPI

Design Crit.: TPI-1995 (STD) / EBC

508

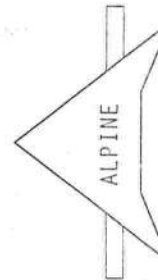
OTY:1

FL 1-131-1-181-

$$\text{Scale} = 25''/\text{ft}$$

Design Crit: TPI-1995(STD)/FBC

* IMPORTANT - *TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. *ALSO, THE ENGINEER SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THIS OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. TRUSSES MUST MEET ALL TABLE PROVISIONS OF THIS NATIONAL DESIGN SPEC. (BY AREA) AND TYPE. ALTHOUGH CONNECTIONS SHALL FOLLOW ALL TABLE PROVISIONS, THE CONTRACTOR SHALL PROVIDE AN ADDITIONAL SET OF PLATES TO EACH FACE OF TRUSSES AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-2. MY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AREA A3 OF TP11-2009 SEC.3-2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF THIS DESIGN. NO OTHER PART OF THIS COMPILING FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AREA A1, TP11-2009 SEC.2.



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

Haines City, FL 33844
FL Certificate of Authorization # 567

Sep 13 '05



JREF- 1S0G487 702

SPACING SEE ABOVE

Sep 13 '05

THEY FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

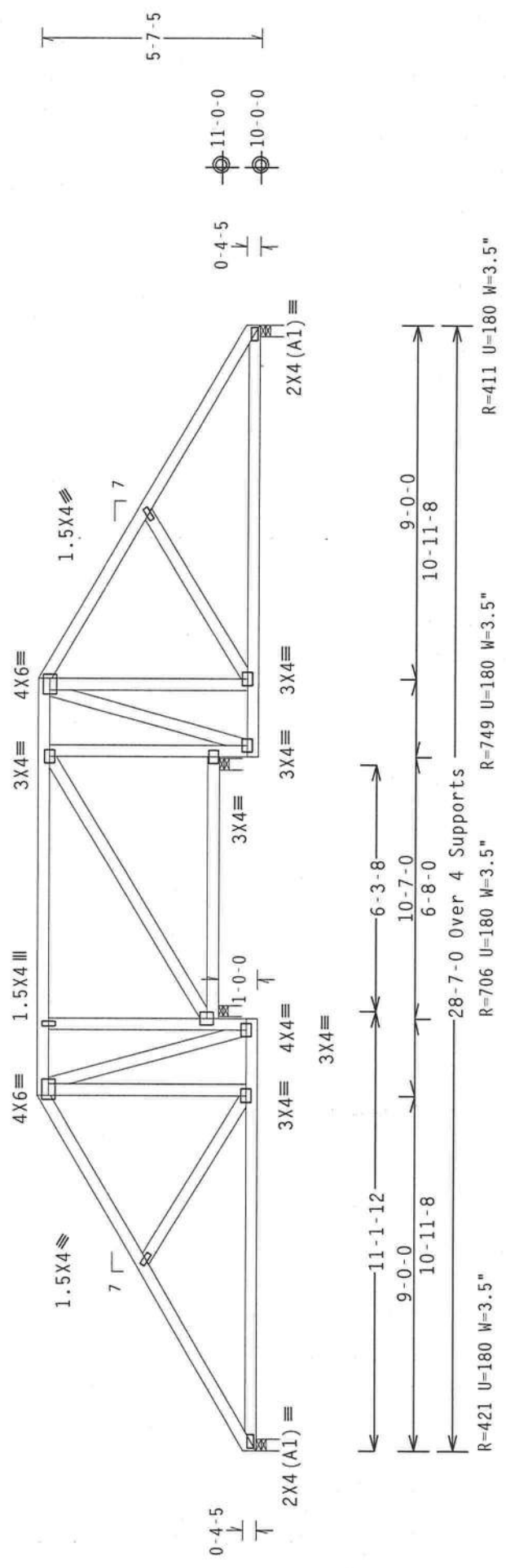
BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

110 mph wind, 12.98 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Deflection meets L/360 live and L/240 total load.



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04.0805

Scale = .25"/Ft.

QTY: 1

FL/-/4/-/R/-

TC LL	20.0	PSF
TC DL	10.0	PSF
BC DL	10.0	PSF
BC LL	0.0	PSF
TOT.LD.	40.0	PSF
DUR.FAC.	1.25	
SPACING	24.0"	

REF R487-- 84937

DATE 09/12/05

DRW HCUSR487 05255003

HC-ENG JB/ADR

SEQN - 31289

FROM JP

JREF - 1SQF487_Z01

ALPINE

Alpine Engineered Products, Inc.

1950 Marley Drive

Haines City, FL 33844

FL Certificate of Authorization # 567

SEP 12 2005

STATE OF FLORIDA

PROFESSIONAL ENGINEER

No. 58762

Design Crit: TPI-1995(STD)/FBC

7.04.0805

Scale = .25"/Ft.

QTY: 1

FL/-/4/-/R/-

REF R487-- 84937

DATE 09/12/05

DRW HCUSR487 05255003

HC-ENG JB/ADR

SEQN - 31289

FROM JP

JREF - 1SQF487_Z01

ALPINE

Alpine Engineered Products, Inc.

1950 Marley Drive

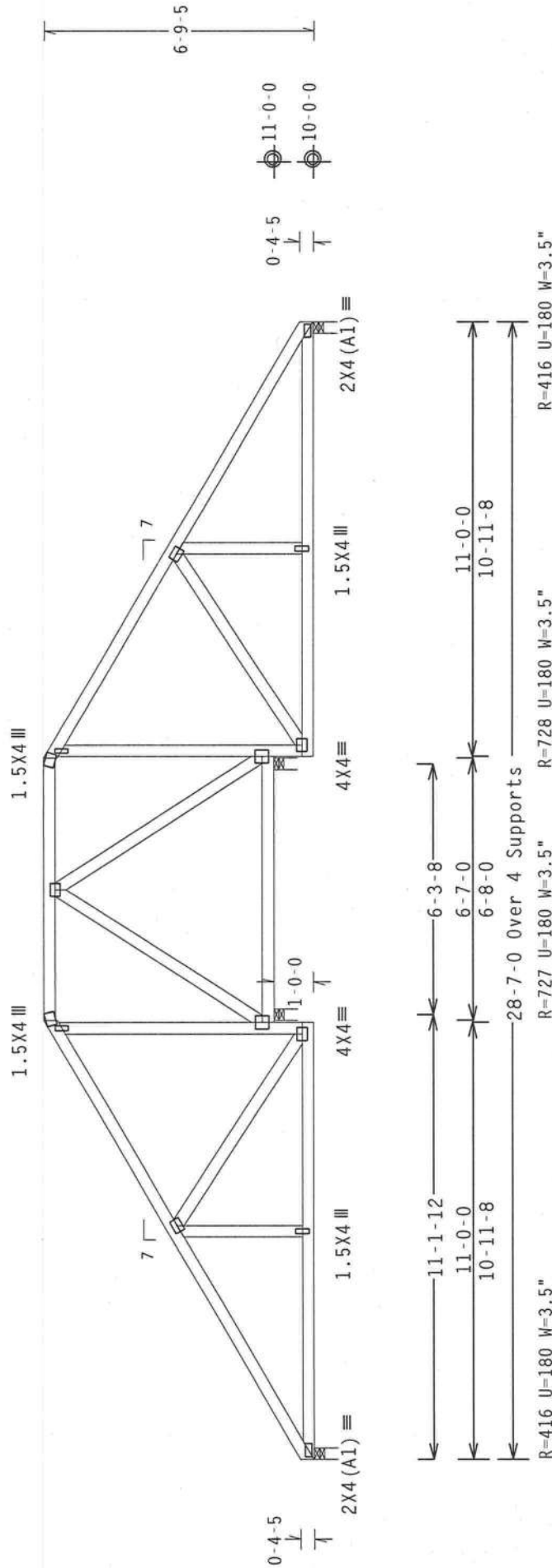
Haines City, FL 33844

FL Certificate of Authorization # 567

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

110 mph wind, 13.57 ft mean hgt, ASCE 7-98, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind
BC DL=5.0 psf.

Deflection meets L/360 live and L/240 total load.



Note: All Plates Are 3X4 Except As Shown.

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04.0805

QTY: 1

Scale = .25"/Ft.

 Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844 FL Certificate of Authorization # 567	 Sep 12 '05			TC LL	20.0 PSF	REF R487 -- 84938
	TC DL	10.0 PSF	DATE 09/12/05			
	BC DL	10.0 PSF	DRW HCUSR487 05255029			
	BC LL	0.0 PSF	HC-ENG JB/ADR			
	TOT.LD.	40.0 PSF	SEQN - 31302			
	DUR.FAC.	1.25	FROM JP			
SPACING	24.0"	JREF - 1SQF487_Z01				

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER BEST PRACTICES TO THE TRUSS MANUFACTURER. TRUSSES SHIP UNBROKEN BY THE TRUSS PLATE INSTITUTE, 560 DOWNEY RD, SUITE 200, WEST HAVEN, CT 06457-1000, OR TRUSS COUNCIL OF AMERICA, 6100 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 DETAILING FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI-1. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/S/K) ASTM A653 GRADE 40/60 (W, K/H,S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A.3 OF TPI-1-2002 SEC. 2. 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.
--

Top chord 2x4 SP #2 Dense

Bot chord 2x8 SP SS

Webs 2x4 SP #3 :W2, W14 2x4 SP #2 Dense:

SPECIAL LOADS

	(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 60 PLF at 0.00 to 60 PLF at 29.58	
BC - From 20 PLF at 0.00 to 20 PLF at 29.58	
BC - 806 LB Conc. Load at 1.19, 3.19, 5.19, 7.19, 9.19	
BC - 11.19, 13.19, 15.19, 17.06	
BC - 874 LB Conc. Load at 19.06, 21.06, 23.06, 25.06	
BC - 1185 LB Conc. Load at 27.06, 29.06	

1110 mph wind, 17.12 ft mean hgt., ASCE 7-98, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Deflection meets L/360 live and L/240 total load.

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d_Box_or_Gun_(0.128"x3.25",_min.)_nails)

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

Bot Chord: 1 Row @ 3.25" o.c.

Webs : 1 Row @ 4" 0.c.

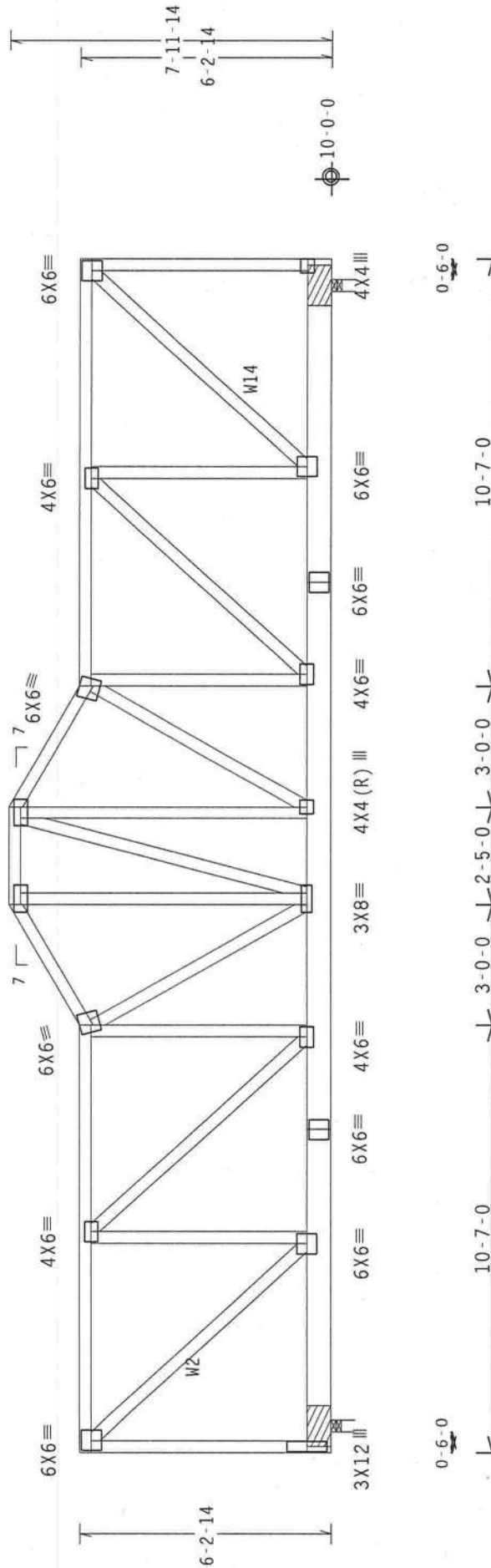
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Bearing blocks: Nail type: 12d Box or Gun (0.128"x3.25", min.)_nails
 BRG X-LOC #BLOCKS LENGTH/BLK #NAILS/BLK WALL PLATE
 1 0.500' 1 12" 5 Match Truss
 2 28.792' 1 12" 15 Match Truss

Bearing block to be same size and species as bottom chord.
 Refer to drawing CNBRGLK1103 for additional information.

End verticals not exposed to wind pressure.

The TC of this truss shall be braced with attached spans at 24" OC in lieu of structural sheathing.



R=7172 U=1424 W=3.5"

29-7-0 Over 2 Supports

R=8313 U=1603 W=3.5"

PLT TYP. Wave TPI

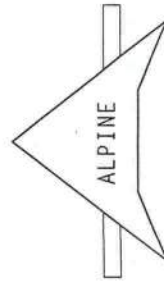
Design Crit: TPI-1995 (STD)/FBC

7.04.08

OTY:1

FL/-/4/-/-/R/-

Scale = .25"/Ft.



Alpine Engineered Products, Inc.
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Haines City, FL 33844

Haines City, FL 33844
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****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BECS 1-1 (BUILDING COMPONENT SYSTEM INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 583 S. DEMPSTER RD., SUITE 200, MILWAUKEE, WI 53219, AND MICA (WOOD PRESERVATION INSTITUTE), 6300 ENTERPRISE LANE, DUNGEE, MO 64024, FOR ADDITIONAL INFORMATION. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED TOP CHORD SHELLING.

*IMPORTANT**UNLESS A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.
ALUINE ENGINEERS
TRUSSES IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ANY FAILURE TO BUILD THE
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AF&PA) AND TPI ALUINE
PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN POSITION PER DRAWINGS 160A, 2. A SEAL ON THIS
INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANEX A OF TPI-1-2002 SEC. 2. A SEAL ON THIS
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT
OF THIS PROJECT. THE USE OF THIS COMMENT FOR ANY BUILDING IS NOT THE RESPONSIBILITY OF THE
BUILDING DESIGNER. PER ANEX A OF TPI-1-2002 SEC. 2.



Sep 12 '05

TC LL	20.0	PSF	REF	R487--	84939
TC DL	10.0	PSF	DATE	09/12/05	
BC DL	10.0	PSF	DRW	HCUSR487	05255009
BC LL	0.0	PSF	HC-ENG	JB/ADR	
TOT.LD.	40.0	PSF	SEON-	31416	
DUR.FAC.	1.25		FROM	JP	
SPACING	24.0"		JREF-	1SQF487	Z01

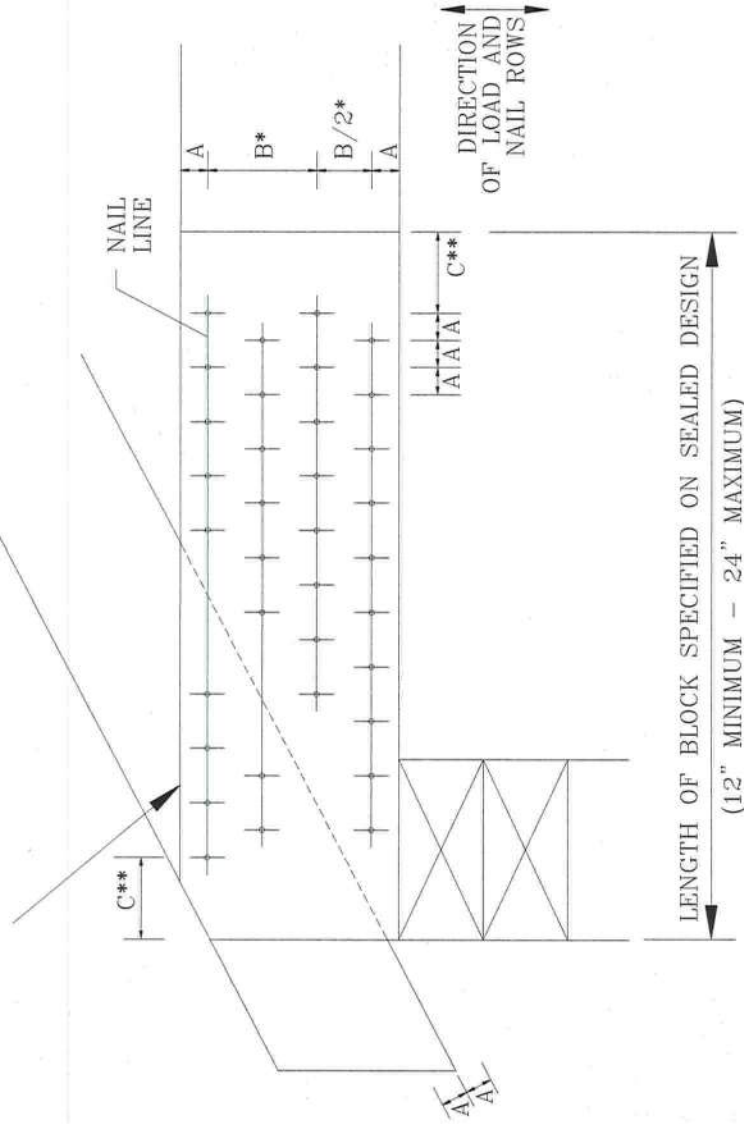
BEARING BLOCK NAIL SPACING DETAIL

MINIMUM SPACING FOR SINGLE BEARING BLOCK IS SHOWN. DOUBLE NAIL SPACINGS AND STAGGER NAILING FOR TWO BLOCKS. GREATER SPACING MAY BE REQUIRED TO AVOID SPLITTING.

- A - EDGE DISTANCE AND SPACING BETWEEN STAGGERED ROWS OF NAILS (6 NAIL DIAMETERS)
- B - SPACING OF NAILS IN A ROW (12 NAIL DIAMETERS)
- C - END DISTANCE (15 NAIL DIAMETERS)

IF NAIL HOLES ARE PREBORED, SOME SPACING MAY BE REDUCED BY THE AMOUNTS GIVEN BELOW:
• SPACING MAY BE REDUCED BY 50%
• SPACING MAY BE REDUCED BY 33%

BEARING BLOCK TO BE SAME SIZE AND SPECIES AS BOTTOM CHORD. BLOCKS MAY BE ANY GRADE WITHIN THE SPECIES, PROVIDED THE COMPRESSION PERPENDICULAR TO GRAIN VALUE (F_c -perp) IS AT LEAST THAT OF THE CHORD.



MAXIMUM NUMBER OF NAIL LINES PARALLEL TO GRAIN

NAIL TYPE	CHORD SIZE					
	2X4	2X6	2X8	2X10	2X12	
8d BOX (0.113"x2.5")	3	6	9	12	15	
10d BOX (0.128"x3")	3	5	7	10	12	
12d BOX (0.128"x3.25")	3	5	7	10	12	
16d BOX (0.135"x3.5")	3	5	7	10	12	
20d BOX (0.148"x4")	2	4	5	6	8	
8d COMMON (0.131"x2.5")	3	5	7	10	12	
10d COMMON (0.148"x3")	2	4	6	8	10	
12d COMMON (0.148"x3.25")	2	4	6	8	10	
16d COMMON (0.162"x3.5")	2	4	6	8	10	
0.120"x2.5" GUN	3	6	8	11	14	
0.131"x2.5" GUN	3	5	7	10	12	
0.120"x3.0" GUN	3	6	8	11	14	
0.131"x3.0" GUN	3	5	7	10	12	

MINIMUM NAIL SPACING DISTANCES

NAIL TYPE	DISTANCES		
	A	B*	C**
8d BOX (0.113"x2.5")	3/4"	1 3/8"	1 3/4"
10d BOX (0.128"x3")	7/8"	1 5/8"	2"
12d BOX (0.128"x3.25")	7/8"	1 5/8"	2"
16d BOX (0.135"x3.5")	7/8"	1 5/8"	2 1/8"
20d BOX (0.148"x4")	1"	1 7/8"	2 1/4"
8d COMMON (0.131"x2.5")	7/8"	1 5/8"	2"
10d COMMON (0.148"x3")	1"	1 7/8"	2 1/4"
12d COMMON (0.148"x3.25")	1"	1 7/8"	2 1/4"
16d COMMON (0.162"x3.5")	1"	2"	2 1/2"
0.120"x2.5" GUN	3/4"	1 1/2"	1 7/8"
0.131"x2.5" GUN	7/8"	1 5/8"	2"
0.120"x3.0" GUN	3/4"	1 1/2"	1 7/8"
0.131"x3.0" GUN	7/8"	1 5/8"	2"

THIS DRAWING REPLACES DRAWING B139 AND CNBRGBLK0699



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC311-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PRODUCTIONS, INC.), 6200 ENTERPRISE LN., MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED 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 NDS (NATIONAL DESIGN SPEC. FOR WOOD CONSTRUCTION), ALPINE STEEL, CORP. (ALPINE STEEL), 40/60 (A4/60) GALV. STEEL, UNLESS OTHERWISE INDICATED ON THIS DESIGN. POSITION PER BRACKINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY AIS SHALL BE PER ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF THE PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.



ALPINE ENGINEERED PRODUCTS, INC.
POMPAHO BEACH, FLORIDA

REF	BEARING BLOCK
DATE	11/26/03
DRWG	CNBRGBLK1103
-ENG	SJP/KAR

CLB WEB BRACE SUBSTITUTION

THIS DETAIL IS TO BE USED WHEN CONTINUOUS LATERAL BRACING (CLB) IS SPECIFIED ON AN ALPINE TRUSS DESIGN BUT AN ALTERNATIVE WEB BRACING METHOD IS DESIRED.

NOTES:

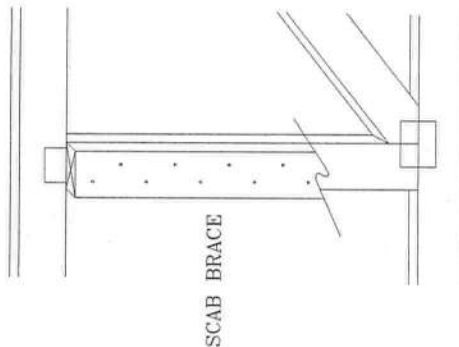
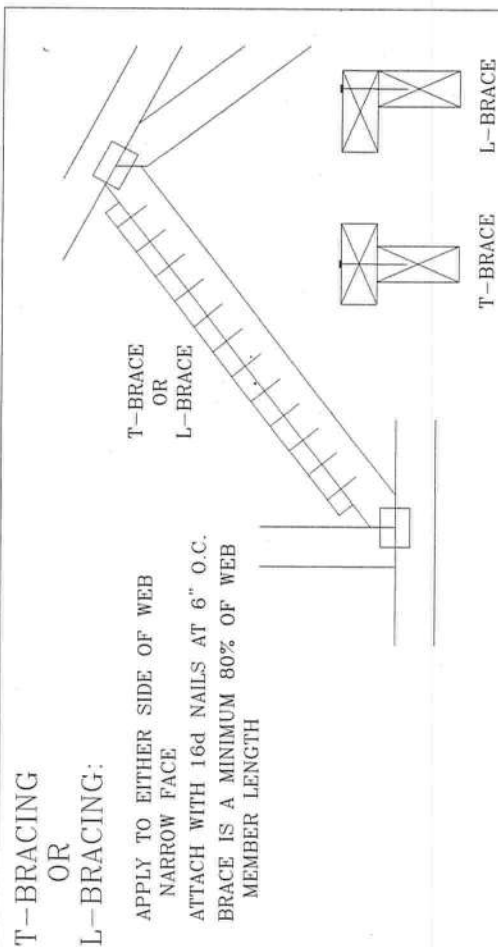
THIS DETAIL IS ONLY APPLICABLE FOR CHANGING THE SPECIFIED CLB SHOWN ON SINGLE PLY SEALED DESIGNS TO T-BRACING OR SCAB BRACING.

ALTERNATIVE BRACING SPECIFIED IN CHART BELOW MAY BE CONSERVATIVE. FOR MINIMUM ALTERNATIVE BRACING, RE-RUN DESIGN WITH APPROPRIATE BRACING.

WEB MEMBER SIZE	SPECIFIED CLB BRACING	T OR L-BRACE	ALTERNATIVE BRACING SCAB BRACE
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

T-BRACE, L-BRACE AND SCAB BRACE TO BE SAME SPECIES AND GRADE OR BETTER THAN WEB MEMBER UNLESS SPECIFIED OTHERWISE ON ENGINEER'S SEALED DESIGN.

(*) CENTER SCAB ON WIDE FACE OF WEB. APPLY (1) SCAB TO EACH FACE OF WEB.



SCAB BRACING:

APPLY SCAB(S) TO WIDE FACE OF WEB.
NO MORE THAN (1) SCAB PER FACE.
ATTACH WITH 10d OR .128"x3" GUN
NAILS AT 6" O.C. BRACE IS A MINIMUM
80% OF WEB MEMBER LENGTH



*VARIOUS—TRUSSES REQUIRE EXTENSIVE CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND DEMOUNTING. REFER TO CESS-02 BUILDING CODES FOR FURTHER INFORMATION. BROADBENT TRUSS COMPANY, 593 TOPPERIDGE DR., SUITE 200, MADISON, WI 53719; HANCOCK TRUSS CO., 6801 WILSON AVE., ST. PETERSBURG, FLORIDA 33706; KLEINER TRUSS CO., 6300 ENTERPRISE LN., MADISON, WI 53719; TOP SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

INDEPENDENT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. PIPELINE ENGINEER'S PRODUCTS INC. SHALL NOT BE RESPONSIBLE FOR ANY VIOLATIONS FROM THIS REGION. THE DESIGN IS TO BUILDING OF TRUSSES IN CONFORMANCE WITH TPI DR FABRICATING, HANDLING, SHIPPING, INSTALLING & ERECTING TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., 2018) AND AISC (STEEL CONNECTOR PLATES ARE MADE OF 20X18X6GA W/H/S/K/S) ASTM A653 (GRADE 50) GALV. STEEL. ALUMINUM PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED PER SECTION 9.01. POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (C) SHALL BE IN ACCORDANCE WITH SECTION 9.01.1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF THE DESIGN. THE DESIGNER SHALL BE RESPONSIBLE FOR THE TRUSS COMPANY'S DESIGN SHOWN. THE DESIGNER SHALL BE RESPONSIBLE FOR ANY BUILDING OF THIS CONCURRENT FOR ANY BUILDING THE BUILDING DESIGNER. PER ANSI/TPI 1 - SEC. 2.



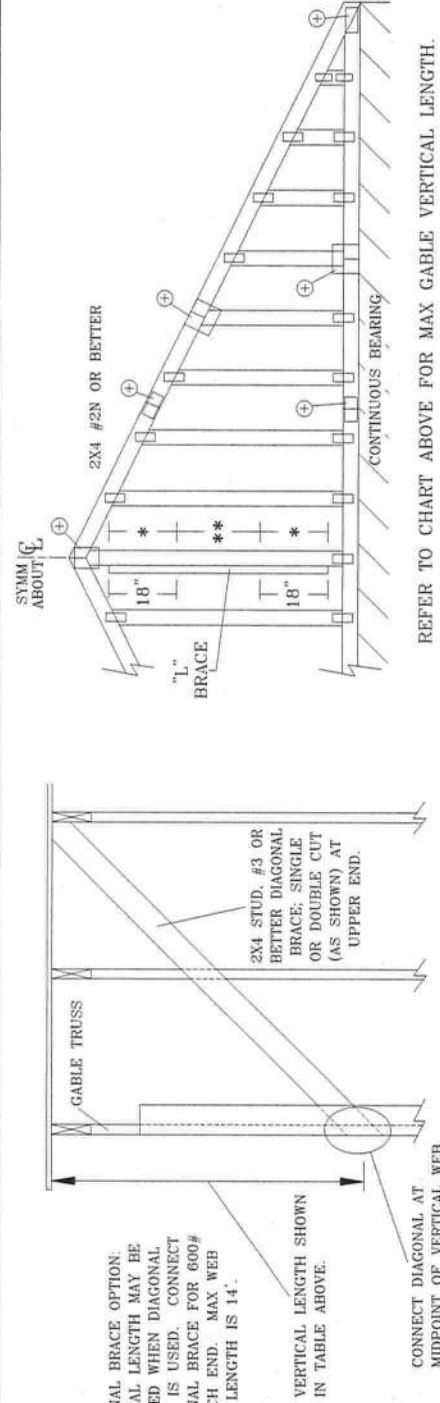
ALPINE ENGINEERED PRODUCTS, INC.
POMPAHO BEACH, FLORIDA

THIS DRAWING REPLACES DRAWING 579.640

TC LL	PSF	REF	CLB SUBST.
TC DL	PSF	DATE	11/26/03
BC DL	PSF	DRWG	BRCBLSUB1103
BC LL	PSF	-ENG	MLH/KAR
TOT. LD.	PSF		
DUR. FAC.			
SPACING			

2x4 GABLE VERTICAL SPACING		BRACE GRADE	NO BRACES	(1) 1x4 "L" BRACE •			(1) 2x4 "L" BRACE •			(2) 2x4 "L" BRACE ••			(1) 2x6 "L" BRACE •			(2) 2x6 "L" BRACE ••		
				GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	
12" O.C.	SPF	#1 / #2	3" 10"	6" 8"	6" 10"	7" 11"	8" 1"	9" 5"	9" 5"	12" 5"	12" 9"	14" 0"	14" 0"					
	HF	#3	3" 9"	6" 0"	6" 0"	7" 11"	7" 11"	9" 5"	9" 5"	12" 4"	14" 0"	14" 0"						
	STUD		3" 9"	6" 0"	6" 0"	7" 11"	7" 11"	9" 5"	9" 5"	12" 3"	12" 3"	14" 0"	14" 0"					
	STANDARD		3" 9"	5" 2"	5" 2"	6" 9"	6" 9"	9" 1"	9" 1"	10" 7"	14" 0"	14" 0"						
	SP	#1	4" 3"	6" 8"	7" 2"	7" 11"	8" 6"	9" 5"	10" 2"	12" 5"	13" 5"	14" 0"	14" 0"					
	#2	4" 2"	6" 8"	7" 2"	7" 11"	8" 6"	9" 5"	10" 2"	12" 5"	13" 5"	14" 0"	14" 0"						
24" O.C.	DFL	#3	4" 0"	6" 1"	6" 1"	7" 11"	8" 0"	9" 5"	9" 11"	12" 5"	12" 8"	14" 0"	14" 0"					
	STUD		4" 0"	6" 1"	6" 1"	7" 11"	8" 0"	9" 5"	9" 11"	12" 5"	12" 8"	14" 0"	14" 0"					
	STANDARD		3" 10"	5" 3"	5" 3"	6" 11"	6" 11"	9" 4"	9" 4"	10" 10"	14" 0"	14" 0"						
	SPF	#1 / #2	4" 5"	7" 8"	7" 10"	9" 1"	9" 4"	10" 10"	11" 1"	14" 0"	14" 0"	14" 0"						
	HF	#3	4" 4"	7" 4"	7" 4"	9" 1"	9" 1"	10" 10"	10" 10"	14" 0"	14" 0"	14" 0"						
	STUD		4" 4"	7" 4"	7" 4"	9" 1"	9" 1"	10" 10"	10" 10"	14" 0"	14" 0"	14" 0"						
16" O.C.	SP	#1	4" 10"	7" 8"	8" 3"	9" 1"	9" 9"	10" 10"	11" 8"	14" 0"	14" 0"	14" 0"						
	#2	4" 9"	7" 8"	8" 3"	9" 1"	9" 9"	10" 10"	11" 8"	14" 0"	14" 0"	14" 0"	14" 0"						
	#3	4" 6"	7" 7"	7" 7"	9" 1"	9" 6"	10" 10"	11" 4"	14" 0"	14" 0"	14" 0"	14" 0"						
	DFL	STUD	4" 6"	7" 6"	7" 6"	9" 1"	9" 6"	10" 10"	11" 4"	14" 0"	14" 0"	14" 0"						
	STANDARD		4" 5"	6" 5"	6" 5"	8" 6"	8" 6"	10" 10"	11" 1"	13" 3"	13" 3"	14" 0"	14" 0"					
	SPF	#1 / #2	4" 11"	8" 5"	8" 8"	10" 0"	10" 3"	11" 11"	12" 3"	14" 0"	14" 0"	14" 0"	14" 0"					
12" O.C.	HF	#3	4" 9"	8" 5"	8" 5"	10" 0"	10" 0"	11" 11"	11" 11"	14" 0"	14" 0"	14" 0"	14" 0"					
	STUD		4" 9"	8" 5"	8" 5"	10" 0"	10" 0"	11" 11"	11" 11"	14" 0"	14" 0"	14" 0"	14" 0"					
	STANDARD		4" 9"	7" 3"	7" 3"	9" 7"	9" 7"	11" 11"	11" 11"	14" 0"	14" 0"	14" 0"	14" 0"					
	SP	#1	5" 4"	8" 5"	9" 1"	10" 0"	10" 9"	11" 11"	12" 10"	14" 0"	14" 0"	14" 0"	14" 0"					
	#2	5" 3"	8" 5"	9" 1"	10" 0"	10" 9"	11" 11"	12" 10"	14" 0"	14" 0"	14" 0"	14" 0"						
	#3	5" 0"	8" 5"	8" 5"	10" 0"	10" 6"	11" 11"	12" 6"	14" 0"	14" 0"	14" 0"	14" 0"						
DFL	STUD	5" 0"	8" 5"	8" 7"	10" 0"	10" 6"	11" 11"	12" 6"	14" 0"	14" 0"	14" 0"	14" 0"						
STANDARD		4" 11"	7" 5"	7" 5"	9" 10"	9" 10"	11" 11"	12" 3"	14" 0"	14" 0"	14" 0"	14" 0"						

DIAGONAL BRACE OPTION:
VERTICAL LENGTH MAY BE
DOUBLED WHEN DIAGONAL
BRACE IS USED. CONNECT
DIAGONAL BRACE FOR 600'
AT EACH END. MAX WEB
TOTAL LENGTH IS 14'.



CONNECT DIAGONAL AT
MIDPOINT OF VERTICAL WEB

REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

PROVIDE UPLIFT CONNECTIONS FOR 80 PLF OVER
CONTINUOUS BEARING (5 PSF TC DEAD LOAD).

GABLE END SUPPORTS LOAD FROM 4' 0"

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

ATTACH EACH "L" BRACE WITH 10d NAILS.

* FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C. IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.

**** FOR (2) "L BRACES: SPACE NAILS AT 3" O.C. IN 18" END ZONES AND 6" O.C. BETWEEN ZONES**

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

GABLE VERTICAL PLATE SIZES	
VERTICAL LENGTH	NO SPLICE
LESS THAN 4' 0"	1X4 OR 2X3
GREATER THAN 4' 0", BUT	
LESS THAN 11' 6"	2X4
GREATER THAN 11' 6"	2.5X4

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



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND PLACING. REFER TO BC31-1-03 (BUILDING COMPONENT SAFETY INFORMATION) FROM TPI TRUSS BRACING INSTITUTE, 583 DUNDREDF RD., SUITE 200, MADISON, VI. 53719) AND VTCA WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, VI. 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 CLING.

••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 TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NBS (NATIONAL DESIGN SPEC BY AISC) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA. ALH/SK/20 ASTM A553 GRADE 50. ALL TPI AND TPI-ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA. ALH/SK/20 ASTM A553 GRADE 50. ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWING OF SHALL BE PER ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF THE 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 1.3 SEC.



ALPINE ENGINEERED PRODUCTS, INC.
POMPAÑO BEACH, FLORIDA

REF	ASCE7-98-GABI1015
DATE	11/26/03
DRWG	A11015EC1103
-ENG	
MAX. TOT. LD.	60 PSF
MAX. SPACING	24.0"

GABLE DETAIL FOR LET-IN VERTICALS

GABLE VERTICAL PLATE SIZES			
VERTICAL LENGTH BETWEEN CHORDS	PLATE SIZE	IF PLATES OVERLAP*	
LESS THAN 4' 0"	1X4 OR 2X3	2X6	
GREATER THAN 4' 0" BUT LESS THAN 11' 6"	2X4	2X8	
GREATER THAN 11' 6"	2 5X4	2 5X8	

+ REFER TO ENGINEERED TRUSS DESIGN FOR PEAK,
 SPICE, WEB AND HEEL PLATES.
 * IF GABLE VERTICAL PLATES OVERLAP, USE A
 SINGLE PLATE TO SPAN THE WEB.

EXAMPLE:

2X6 "T" REINFORCING MEMBER
 2X4 "T" REINFORCING MEMBER
 TOENAIL
 TOENAIL

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" REINF. MR. 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"

2X4
 2X8

2X4
 2X8

EXAMPLE:

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
 A11030EC1103, A10030EC1103, A09030EC1103, A08030EC1103, A07030EC1103

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.

2X6 "T" REINFORCING MEMBER
 2X4 "T" REINFORCING MEMBER
 TOENAIL
 TOENAIL

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" REINF. MR. 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:

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 (1) 2X4 "L" BRACE LENGTH = 6' 7"
 MAXIMUM "T" REINFORCED GABLE VERTICAL LENGTH
 1.10 x 6' 7" = 7' 3"

THIS DRAWING REPLACES DRAWINGS GAB98117 876.719 & HC26294035

REF	LET-IN VERT
DATE	01/16/04
DRWG	GBLETN1103
-ENG	DLJ/KAR



WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND
 BRACING. REFER TO BC311-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS
 PLATE INSTITUTE, 583 D'ONDRIOD DR., SUITE 200, MADISON, VI. 53719, AND VITA (WOOD TRUSS COUNCIL
 OF AMERICA, 6300 ENTERPRISE LN, MADISON, VI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING
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 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 CHANGES TO
 BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING &
 BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC,
 BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/1666 (W/H/5/K) ASTM A653 GRADE,
 40/60 (W/H/5/K) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED
 IN THIS DESIGN, POSITION PER BRAVINGS 1604-2. ANY INSPECTION OF PLATES FOLLOWED BY (D) SHALL
 BE REQUIRED. EXCEPT AS SPECIFIED, ALL DIMENSIONS ARE IN INCHES. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF
 PROFESSIONAL ENGINEERING. IT IS THE RESPONSIBILITY OF THE USER TO VERIFY THE DESIGN SHOWN
 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.
 POMPANO BEACH, FLORIDA

2X6 "T" REINFORCING MEMBER
 2X4 "T" REINFORCING MEMBER
 TOENAIL
 TOENAIL

TO CONVERT FROM "L" TO "T" REINFORCING MEMBERS,
 MULTIPLY "T" FACTOR BY LENGTH (BASED ON GABLE
 VERTICAL SPECIES, GRADE AND SPACING) FOR (1)
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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" REINF. MR. SIZE	SBCCI	ASCE
110 MPH	2x4	10 %	10 %
15 FT	2x6	40 %	50 %
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15 FT	2x6	30 %	50 %
100 MPH	2x4	10 %	10 %
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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 %

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 40/60 (W/H/5/K) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED
 IN THIS DESIGN, POSITION PER BRAVINGS 1604-2. ANY INSPECTION OF PLATES FOLLOWED BY (D) SHALL
 BE REQUIRED. EXCEPT AS SPECIFIED, ALL DIMENSIONS ARE IN INCHES. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF
 PROFESSIONAL ENGINEERING. IT IS THE RESPONSIBILITY OF THE USER TO VERIFY THE DESIGN SHOWN
 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.
 POMPANO BEACH, FLORIDA



Residential System Sizing Calculation

Summary

Kevin Jackson

Project Title:
501033jacksonRes.

Class 3 Rating
Registration No. 0
Climate: North

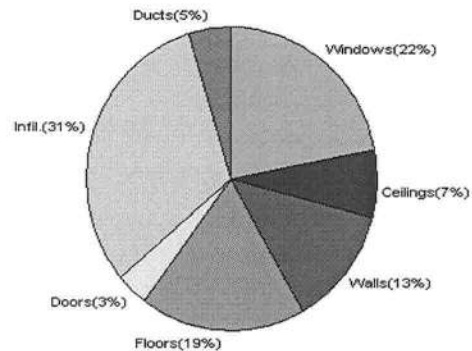
1/13/2005

Location for weather data: Gainesville - Defaults: Latitude(29) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(51gr.)			
Winter design temperature	31 F	Summer design temperature	93 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	39 F	Summer temperature difference	18 F
Total heating load calculation	37190 Btuh	Total cooling load calculation	34969 Btuh
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	118.3 44000	Sensible (SHR = 0.75)	129.9 33000
Heat Pump + Auxiliary(0.0kW)	118.3 44000	Latent	114.9 11000
		Total (Electric Heat Pump)	125.8 44000

WINTER CALCULATIONS

Winter Heating Load (for 2021 sqft)

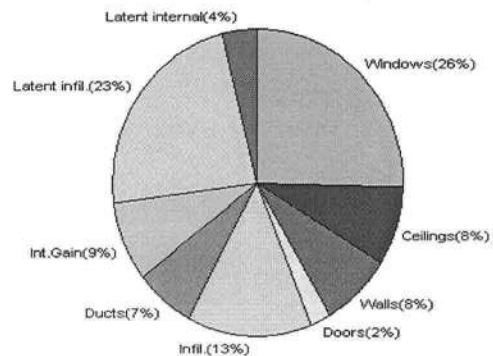
Load component	Load
Window total 291 sqft	8235 Btuh
Wall total 1658 sqft	4667 Btuh
Door total 78 sqft	1269 Btuh
Ceiling total 2086 sqft	2712 Btuh
Floor total 220 ft	6952 Btuh
Infiltration 270 cfm	11583 Btuh
Subtotal	35419 Btuh
Duct loss	1771 Btuh
TOTAL HEAT LOSS	37190 Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 2021 sqft)

Load component	Load
Window total 291 sqft	8992 Btuh
Wall total 1658 sqft	2664 Btuh
Door total 78 sqft	791 Btuh
Ceiling total 2086 sqft	2962 Btuh
Floor total	0 Btuh
Infiltration 236 cfm	4678 Btuh
Internal gain	3000 Btuh
Subtotal(sensible)	23087 Btuh
Duct gain	2309 Btuh
Total sensible gain	25396 Btuh
Latent gain(infiltration)	8193 Btuh
Latent gain(internal)	1380 Btuh
Total latent gain	9573 Btuh
TOTAL HEAT GAIN	34969 Btuh



EnergyGauge® System Sizing based on ACCA Manual J.

PREPARED BY: *[Signature]*

DATE: 1/13/05

System Sizing Calculations - Winter

Residential Load - Component Details

Kevin Jackson

Project Title:
501033jacksonRes.

Class 3 Rating
Registration No. 0
Climate: North

Reference City: Gainesville (Defaults) Winter Temperature Difference: 39.0 F

1/13/2005

Window	Panes/SHGC/Frame/U	Orientation	Area X	HTM=	Load
1	2, Clear, Metal, DEF	N	15.0	28.3	424 Btuh
2	2, Clear, Metal, DEF	N	20.0	28.3	566 Btuh
3	2, Clear, Metal, DEF	W	15.0	28.3	424 Btuh
4	2, Clear, Metal, DEF	N	30.0	28.3	849 Btuh
5	2, Clear, Metal, DEF	N	20.0	28.3	566 Btuh
6	2, Clear, Metal, DEF	N	30.0	28.3	849 Btuh
7	2, Clear, Metal, DEF	E	16.0	28.3	453 Btuh
8	2, Clear, Metal, DEF	S	60.0	28.3	1698 Btuh
9	2, Clear, Metal, DEF	S	10.0	28.3	283 Btuh
10	2, Clear, Metal, DEF	S	14.0	28.3	396 Btuh
11	2, Clear, Metal, DEF	S	12.0	28.3	340 Btuh
12	2, Clear, Metal, DEF	S	15.0	28.3	424 Btuh
13	2, Clear, Metal, DEF	W	30.0	28.3	849 Btuh
14	2, Clear, Metal, DEF	W	4.0	28.3	113 Btuh
Window Total			291		8235 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Exterior	13.0	1343	3.1	4163 Btuh
2	Frame - Adjacent	13.0	315	1.6	504 Btuh
Wall Total			1658		4667 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exter		40	18.3	733 Btuh
2	Insulated - Exter		20	18.3	367 Btuh
3	Insulated - Adjac		18	9.4	169 Btuh
Door Total			78		1269 Btuh
Ceilings	Type	R-Value	Area X	HTM=	Load
1	Under Attic	30.0	2086	1.3	2712 Btuh
Ceiling Total			2086		2712 Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab-On-Grade Edge Insul	0	220.0 ft(p)	31.6	6952 Btuh
Floor Total			220		6952 Btuh
Infiltration	Type	ACH X	Building Volume	CFM=	Load
	Natural	0.80	20210(sqft)	270	11583 Btuh
	Mechanical			0	0 Btuh
Infiltration Total				270	11583 Btuh

Totals for Heating	Subtotal	35419 Btuh
	Duct Loss(using duct multiplier of 0.05)	1771 Btuh
	Total Btuh Loss	37190 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Kevin Jackson

Project Title:
501033jacksonRes.

Class 3 Rating
Registration No. 0
Climate: North

1/13/2005

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(Frame types - metal, wood or insulated metal)
(U - Window U-Factor or 'DEF' for default)
(HTM - ManualJ Heat Transfer Multiplier)

Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)

System Sizing Calculations - Summer

Residential Load - Component Details

Kevin Jackson

Project Title:
501033jacksonRes.

Class 3 Rating
Registration No. 0
Climate: North

Reference City: Gainesville (Defaults)

Summer Temperature Difference: 18.0 F

1/13/2005

Window	Type	Overhang		Window Area(sqft)			HTM		Load		
	Panes/SHGC/U/InSh/ExSh Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded			
1	2, Clear, DEF, N, N	N	14.5	6.5	15.0	0.0	15.0	22	22	330	Btuh
2	2, Clear, DEF, N, N	N	14.5	8.5	20.0	0.0	20.0	22	22	440	Btuh
3	2, Clear, DEF, N, N	W	31.5	6.5	15.0	15.0	0.0	22	72	330	Btuh
4	2, Clear, DEF, N, N	N	8.83	6.5	30.0	0.0	30.0	22	22	660	Btuh
5	2, Clear, DEF, N, N	N	38	8.5	20.0	0.0	20.0	22	22	440	Btuh
6	2, Clear, DEF, N, N	N	1.5	6.5	30.0	0.0	30.0	22	22	660	Btuh
7	2, Clear, DEF, N, N	E	1.5	5.5	16.0	0.0	16.0	22	72	1152	Btuh
8	2, Clear, DEF, N, N	S	1.5	8	60.0	60.0	0.0	22	37	1320	Btuh
9	2, Clear, DEF, N, N	S	1.5	3	10.0	10.0	0.0	22	37	220	Btuh
10	2, Clear, DEF, N, N	S	7.83	10	14.0	14.0	0.0	22	37	308	Btuh
11	2, Clear, DEF, N, N	S	7.83	4	12.0	12.0	0.0	22	37	264	Btuh
12	2, Clear, DEF, N, N	S	0	0	15.0	0.0	15.0	22	37	555	Btuh
13	2, Clear, DEF, N, N	W	1.5	6.5	30.0	1.2	28.8	22	72	2099	Btuh
14	2, Clear, DEF, N, N	W	1.5	2.5	4.0	1.5	2.5	22	72	214	Btuh
	Window Total				291					8992 Btuh	
Walls	Type	R-Value			Area			HTM		Load	
1	Frame - Exterior	13.0			1343.0			1.7		2337 Btuh	
2	Frame - Adjacent	13.0			315.0			1.0		328 Btuh	
	Wall Total				1658.0					2664 Btuh	
Doors	Type	R-Value			Area			HTM		Load	
1	Insulated - Exter				40.0			10.1		406 Btuh	
2	Insulated - Exter				20.0			10.1		203 Btuh	
3	Insulated - Adjac				18.0			10.1		183 Btuh	
	Door Total				78.0					791 Btuh	
Ceilings	Type/Color	R-Value			Area			HTM		Load	
1	Under Attic/Dark	30.0			2086.0			1.4		2962 Btuh	
	Ceiling Total				2086.0					2962 Btuh	
Floors	Type	R-Value			Size			HTM		Load	
1	Slab-On-Grade Edge Insulation	0.0			220.0 ft(p)			0.0		0 Btuh	
	Floor Total				220.0					0 Btuh	
Infiltration	Type	ACH			Volume			CFM=		Load	
	Natural	0.70			20210			236.3		4678 Btuh	
	Mechanical							0		0 Btuh	
	Infiltration Total							236		4678 Btuh	
Internal gain	Occupants			Btuh/occupant			Appliance		Load		
	6			X 300 +			1200		3000 Btuh		

Manual J Summer Calculations

Residential Load - Component Details (continued)

Kevin Jackson
 , FL

Project Title:
 501033jacksonRes.

Class 3 Rating
 Registration No. 0
 Climate: North

1/13/2005

Totals for Cooling	Subtotal	23087 Btuh
	Duct gain(using duct multiplier of 0.10)	2309 Btuh
	Total sensible gain	25396 Btuh
	Latent infiltration gain (for 51 gr. humidity difference)	8193 Btuh
	Latent occupant gain (6 people @ 230 Btuh per person)	1380 Btuh
	Latent other gain	0 Btuh
	TOTAL GAIN	34969 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
 (U - Window U-Factor or 'DEF' for default)
 (InSh - Interior shading device: none(N), Blinds/Daperies(B) or Roller Shades(R))
 (ExSh - Exterior shading device: none(N) or numerical value)
 (Ornt - compass orientation)

Architectural Testing

DP35

5 pages

STRUCTURAL TEST REPORT

Rendered to:

JORDAN COMPANIES

Series/Model: 8500

Type: 3-Wide Mulled PVC Single Hung Window

587 First Street SW
New Brighton, MN 55112
phone: 651.636.3825
fax: 651.636.3843
www.archtest.com

Report No: 02-33516.01
Test Date: 10/04/01
Report Date: 11/13/01
Expiration Date: 10/04/05

**STRUCTURAL TEST REPORT**

Rendered to:

JORDAN COMPANIES
4661 Burbank Road, Box 18377
Memphis, Tennessee 38118

Report No: 02-33516.01
Test Date: 10/04/01
Report Date: 11/13/01
Expiration Date: 10/04/05

Project Summary: Architectural Testing, Inc. (ATI) was contracted by Jordan Companies to witness performance testing on Jordan Series 8500 3-wide mulled PVC single hung windows. Test specimen description(s) and results are reported herein.

Test Procedure: The test specimens were evaluated in accordance ASTM E 330-97, "Standard Test Method for Structural Performance of Exterior Windows, Curtain Walls, and Doors by Uniform Static Air Pressure Difference."

Test Specimen Description:

Series/Model: 8500

Type: 3-wide mulled PVC single hung window

Overall Size: 8' 11-5/8" wide by 5' 11-5/8" high

Individual Window Size (3): 2' 11-5/8" wide by 5' 11-5/8" high

Finish: All PVC was white.

Glazing Details: The window utilized nominal 3/4" insulating glass comprised of two single-strength annealed sheets and a desiccant-filled spacer system. The glass for the sash was set from the exterior against a bed of silicone with PVC stops used on the exterior.

02-33516.01
Page 2 of 3

Test Specimen Description (Continued)

Weatherstripping:

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
0.230" high by 0.187" backed pile with center fin	1 Row	Sash top and bottom rails
0.230" high by 0.187" backed pile with center fin	2 Rows	Sash stiles

Frame Construction: Frame corners were miter-cut and welded. Aluminum mullion reinforcement was fastened to one jamb using three #8 by 1-1/4" screws, one at midpoint and one approximately 8" to 12" from each end at the jambs. Silicone was used on the exterior only to seal between the reinforcement and the jambs. PVC mullion couplings were snap-fit onto the interior and exterior.

Sash Construction: Sash corners were miter-cut and welded. Sash meeting rail utilized aluminum reinforcement.

Hardware:

Metal cam locks with keepers	6	6" from ends on meeting rail
Plastic tilt latches	6	Sash top rail corners
Metal tilt pins	6	Sash bottom rail corners
Block-and-tackle balances	6	One per jamb

Drainage:

3/16" by 5/8" slots	6	1-3/4" from ends in sill pocket to hollow below
3/16" by 5/8" slots	6	Ends of sill through interior wall
1/8" by 1/2" slot	6	1-3/4" from ends through sill exterior face

Installation: The unit was installed into a Grade 2 SPF 2" by 6" wood test buck and secured with screws and silicone.

Test Results

02-33516.01
Page 3 of 3Title of Test - Test MethodResultsAllowed

Uniform Load Structural per ASTM E 330-97
(Permanent set measurements reported were taken on the intermediate nullion)
@ 52.5 psf (positive) 0.03" 0.4% L = 0.286" max.
@ 52.5 psf (negative) 0.06" 0.4% L = 0.286" max.

A copy of this report will be retained by ATI for a period of four years. This report is the exclusive property of the client so named herein and is applicable to the sample tested. Results obtained are tested values and do not constitute an opinion or endorsement by this laboratory.

For ARCHITECTURAL TESTING, INC.


Paul L. Spiess
Project Manager


Daniel A. Johnson
Regional Manager

PLS/jb
02-33516.01

DOCUMENT CONTROL ADDENDUM 02-33516.00

Current Issue Date: 11/13/01

Report No. 02-33516.01

Requested by: Darrel Booth

Purpose: Structural testing on 8500 3-wide mulled PVC single hung windows

Issue Date: 11/13/01

**AAMA/WDMA 101/I.S. 2-97
TEST REPORT**

Rendered to:

JORDAN COMPANIES

**SERIES/MODEL: Series 8900
TYPE: PVC Fixed Window**

Title of Test	Results
AAMA Rating	F-C50 60 x 78
Uniform Load Deflection Test Pressure	± 50.0 psf
Air Infiltration	< 0.01 cfm/ft ²
Water Resistance Test Pressure	7.5 psf
Uniform Load Structural Test Pressure	± 75.0 psf
Corner Weld Test	Pass
Forced Entry Resistance	Grade 40

Reference should be made to full report for test specimen description and data.

Report No: 02-46046.01
Report Date: 07/23/03
Expiration Date: 07/17/07





Architectural Testing

AAMA/WDMA 101/LS. 2-97 TEST REPORT

Rendered to:

JORDAN COMPANIES
4661 Burbank Road, P.O. Box 18377
Memphis, Tennessee 38118

Report No: 02-46046.01
Test Date: 07/17/03
Report Date: 07/23/03
Expiration Date: 07/17/07

Project Summary: Architectural Testing, Inc. (ATT) was contracted by Jordan Companies, to perform testing on Series 8900 PVC Fixed window. The sample tested successfully met the performance requirements for a F-C50 60 x 78 rating. Test specimen description and results are reported herein.

Test Procedure: The test specimens were evaluated in accordance with AAMA/WDMA 101/LS. 2-97, "Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors."

Test Specimen Description:

Series/Model: Series 8900

Type: PVC Fixed Window

Overall Size: 4' 11-3/4" wide by 6' 5-3/4" high

Area: 32.3 ft²

Finish: All vinyl was white.

Glazing Details: The window utilized a nominal 3/4" thick insulating glass unit fabricated from two nominal double strength sheets of annealed glass separated by a desiccant filled metal spacer system. The glass was set from the interior against a silicone sealant backbedding. PVC glazing stops were utilized on the interior.

Frame Construction: The frame corners were miter cut and welded.

Installation: The window was installed within a nominal 2" by 8" SPF wood test buck. The window was anchored to the buck with #8 by 1-5/8" wood screws spaced 6" from each corner and 8" to 10" on center. Silicone sealant was used to seal the window to the test buck.

849 Western Avenue North
Saint Paul, MN 55117-5245
phone: 651.636.3835
fax: 651.636.3843
www.archtest.com

Test Results: The results are tabulated as follows:

Paragraph	Title of Test - Test Method	Results	Allowed
2.1.2	Air Infiltration per ASTM E 283-91 (See Note #1) @ 1.57 psf (25 mph) @ 6.24 psf (50 mph)	<0.01 cfm/ft ² <0.01 cfm/ft ²	0.30 cfm/ft ² max.

Note #1: The tested specimen meets (or exceeds) the performance levels specified in AAMA/WDMA 101/I.S. 2-97 for air infiltration.

2.1.3	Water Resistance per ASTM E 547-00 (See Note #2)		
2.1.4.1	Uniform Load Deflection per ASTM E 330-97 (See Note #2)		
2.1.4.2	Uniform Load Structural per ASTM E 330-97 (See Note #2)		

Note #2: The client opted to start at a pressure higher than the minimum required. Those results are listed under "Optional Performance."

2.1.7	Welded Corner Test	Pass	<100% break on weld
2.1.8	Forced Entry Resistance per ASTM F 588-97 Type D Grade 40 Lock Manipulation Test	No entry	No entry

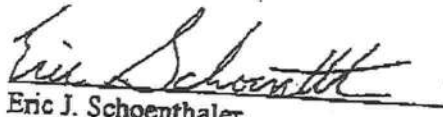
Optional Performance:

4.3	Water Resistance per ASTM E 547-00 and 331-00 WTP = 7.5 psf	No leakage	No leakage
4.4.1	Uniform Load Deflection per ASTM E 330-97 (See Note #3) (Measurements reported were taken in between the anchor points) (Loads were held for 60 seconds) @ 50.0 psf (positive) @ 50.0 psf (negative)	0.04" 0.03"	No Damage No Damage
4.4.2	Uniform Load Structural per ASTM E 330-97 (Measurements reported were taken in between the anchor points) (Loads were held for 10 seconds) @ 75.0 psf (positive) @ 75.0 psf (negative)	<0.01" <0.01"	0.16" max. 0.16" max.

Note #3: The Uniform Load Deflection test is not an AAMA/WDMA 101/I.S. 2-97 requirement for this product designation. The data is recorded in this report for information only.

Detailed drawings, representative samples of the test specimen, and a copy of this report will be retained by ATI for a period of four years. The above results were secured by using the designated test methods and they indicate compliance with the performance requirements of the above referenced specification. This report does not constitute certification of this product which may only be granted by the certification program administrator. This report may not be reproduced, except in full, without the approval of Architectural Testing, Inc.

For ARCHITECTURAL TESTING, INC.

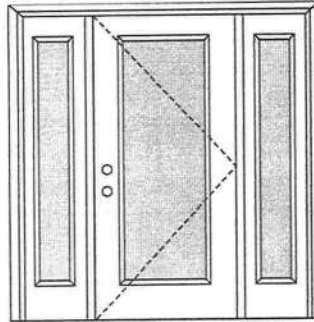

Eric J. Schoenthaler
Technician


Daniel A. Johnson
Regional Manager

EIS/mb
02-46046.01

FIBERGLASS DOORS

APPROVED ARRANGEMENT:



Single Door with 2 Sidelites
Maximum unit size = 9'0" x 6'8"

Design Pressure
+52.0/-52.0

Limited water unless special threshold design is used.

Large Missile Impact Resistance

Hurricane protective system (shutters) is REQUIRED.

Actual design pressure and impact resistant requirements for a specific building design and geographic location is determined by ASCE 7-national, state or local building codes specify the edition required.



Test Data Review Certificate #3026447A; #3026447B;
#3026447C and COP/Test Report Validation Matrix
#3026447A-001, 002, 003; #3026447B-001, 002, 003;
#3026447C-001, 002, 003 provides additional
information - available from the ITS/WH website
(www.etisemko.com), the Masonite website
(www.masonite.com) or the Masonite technical center.

Note:

Units of other sizes are covered by this report as long as the panels used do not exceed 3'0" x 6'8".

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed – see MAD-WL-MA0004-02 or MAD-WL-MA0007-02 and MAD-WL-MA0041-02.

MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed – see MID-WL-MA0004-02.

APPROVED DOOR STYLES:

1/4 GLASS:



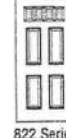
100 Series



133, 135 Series

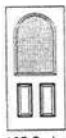


136 Series



822 Series

1/2 GLASS:



105 Series



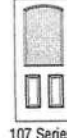
106, 160 Series*



129 Series*



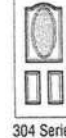
12 R/L, 23 R/L, 24 R/L Series*



107 Series*



108 Series



304 Series

*This glass kit may also be used in the following door style: Eyebrow 5-panel with scroll.

OXO

Glazed Inswing Unit

COP-WL-MA0144-02

FIBERGLASS DOORS**APPROVED DOOR STYLES:****3/4 GLASS:**

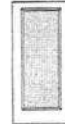
404 Series



410 Series

FULL GLASS:

109 Series

114, 120, 122
Series

152 Series



149 Series



300 Series

APPROVED SIDELITE STYLES:

129 Series



200 Series

12R, 12L, 23R, 23L,
24R, 24L Series

450 Series



152 Series



149 Series



109 Series



120, 122 Series



300 Series

CERTIFIED TEST REPORTS:

CTLA-805W-2

Certifying Engineer and License Number: Ramesh Patel, P.E./20224

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Door panels constructed from 0.075" minimum thick fiberglass skins. Both stiles constructed of 1-5/8" laminated lumber. Top end rails constructed of 31/32" wood. Bottom end rails constructed of 31/32" wood composite. Interior cavity of slab filled with rigid polyurethane foam core. Slab glazed with insulated glass mounted in a rigid plastic lip lite surround.

Frame constructed of wood with an extruded aluminum threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN
ACCORDANCE WITH
MIAMI-DADE BCCO PA202

COMPANY NAME
CITY, STATE

To the best of my knowledge and ability the above side-hinged exterior door unit conforms to the requirements of the 2001 Florida Building Code, Chapter 17 (Structural Tests and Inspections).

State of Florida, Professional Engineer
Kurt Balthazor, P.E. – License Number 56533



Test Data Review Certificate #3026447A;
#3026447B; #3026447C and COP/Test
Report Validation Matrix #3026447A-
001, 002, 003; #3026447B-001, 002,
003; #3026447C-001, 002, 003
provides additional information -
available from the ITS/WH website
(www.etisemko.com), the Masonite
website (www.masonite.com) or the
Masonite technical center.

2

Oakcraft
Wood-grain & Textured
FIBERGLASS ENTRY DOORS

ARTEK
Non-Textured Fiberglass Entry Doors

PREMIER Collection
Premium Quality Doors



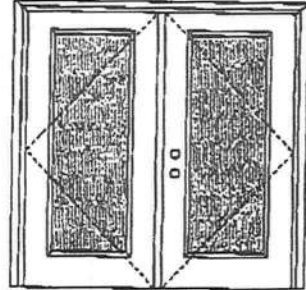
Exclusively from

Masonite
Masonite International Corporation

June 17, 2002
Our continuing program of product improvement makes specifications, design and product detail subject to change without notice.

FIBERGLASS DOORS

APPROVED ARRANGEMENT:



Test Data Review Certificate #3026447A; #3026447B;
#3026447C and COP/Net Report Validation Matrix
#3026447A-001, 002, 003; #3026447B-001, 002, 003;
#3026447C-001, 002, 003 provides additional
information - available from the ITSMW website
(www.stsmw.com), the Masonite website
(www.masonite.com) or the Masonite technical center.

Note:
Units of other sizes are covered by this
report as long as the panels used do not
exceed 3'0" x 6'8".

Double Door
Maximum unit size = 6'0" x 6'3"

Design Pressure
+52.0/-52.0

Limited water unless special threshold design is used.

Large Missile Impact Resistance

Hurricane protective system (shutters) is REQUIRED.

Actual design pressure and impact resistant requirements for a specific building design and geographic location is determined by ASCE 7-national,
state or local building codes specify the edition required.

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed - see MAD-WL-MA0002-02 and
MAD-WL-MA0041-02.

MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed - see MID-WL-MA0002-02.

APPROVED DOOR STYLES:

1/4 GLASS:



100 Series



133, 135 Series



136 Series



622 Series

1/2 GLASS:



105 Series



106, 180 Series*



129 Series*



12 R/L, 23 R/L, 24 R/L
Series*



107 Series*



108 Series



304 Series

*This glass kit may also be used in the following door style: Eyebrow 5-panel with scroll.

Oakcraft
WOOD-PLASTIC-GLASS
FIBERGLASS ENTRY DOORS

ARTEK
Non-Thermally Modified Glass Entry Doors

June 17, 2002
Our continuing program of product improvement makes specifications, design and product
detail subject to change without notice.

PREMDOR Collection
Premium Quality Doors

Exclusively from
Masonite
Masonite International Corporation

FIBERGLASS DOORS

APPROVED DOOR STYLES: 3/4 GLASS:



404 Series



410 Series

FULL GLASS:



100 Series



114, 120, 122
Series



152 Series



140 Series



300 Series

CERTIFIED TEST REPORTS:

CTLA-805W-2

Certifying Engineer and License Number: Ramesh Patel, P.E./20224

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Door panels constructed from 0.075" minimum thick fiberglass skins. Both stiles constructed of 1-5/8" laminated lumber. Top end rails constructed of 31/32" wood. Bottom end rails constructed of 31/32" wood composite. Interior cavity of slab filled with rigid polyurethane foam core. Slab glazed with insulated glass mounted in a rigid plastic lip lite surround.

Frame constructed of wood with an extruded aluminum threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN
ACCORDANCE WITH
MIAMI-DADE BCCO PA202

COMPANY NAME
CITY, STATE

To the best of my knowledge and ability the above side-hinged exterior door unit conforms to the requirements of the 2001 Florida Building Code, Chapter 17 (Structural Tests and Inspections).

Kurt L Balthaz

State of Florida, Professional Engineer
Kurt Balthazor, P.E. - License Number 56533



Test Data Review Certificate #3026447A;
#3026447B; #3026447C and COP/Test
Report Validation Matrix #3026447A-
001, 002, 002; #3026447B-001, 002,
002; #3026447C-001, 002, 003
provides additional information -
available from the ITS/WH website
(www.itswh.com), the Masonite
website (www.masonite.com) or the
Masonite technical center.

Oakcraft
Manufactured Fiberglass Entry Doors

ARTEK
Manufactured Fiberglass Entry Doors

June 17, 2002
Our continuing program of product improvement makes specifications, design and product
detail subject to change without notice.

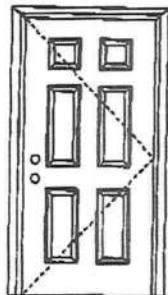


Exclusively from
Masonite
Masonite International Corporation

X

Opaque Inswing Unit

COP-WL-MA0101-02

FIBERGLASS DOORS**APPROVED ARRANGEMENT:**

Note:
Units of other sizes are covered by this report as long as the panel used does not exceed 3'0" x 6'8".

Single Door
Maximum unit size = 3'0" x 6'8"

Design Pressure
+76.0/-76.0

Limited water unless special threshold design is used.

Large Missile Impact Resistance

Hurricane protective system (shutters) is REQUIRED.

Actual design pressure and impact resistance requirements for a specific building design and geographic location is determined by ASCE 7-national, state or local building codes specify the edition required.



Test Data Review Certificate #3028447A;
#3028447B; #3028447C and COP/Ten
Report Validation Matrix #3028447A-
001, 002, 003; #3028447B-001, 002,
003; #3028447C-001, 002, 003
provides additional information -
available from the ITSMH website
(www.itsmh.com), the Masonite
website (www.masonite.com) or the
Masonite technical center.

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed - see MAD-WL-MA0001-02.

MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed - see MID-WL-MA0001-02.

APPROVED DOOR STYLES:

Flush



6-panel



New England 4-panel



Eyebrow 4-panel



9-panel



Eyebrow 6-panel with scroll

Oakcraft
WORLD-CLASS TECHNOLOGY
FIBERGLASS ENTRY DOORS

June 17, 2009
Our continuing program of product improvement makes specifications, design and product
doors subject to change without notice.

ARTEK
Non-Insulated Fiberglass Entry Doors

PREMIER Collection
Premium Quality Doors



Exclusively from
Masonite
Masonite International Corporation

X
Opaque Inswing Unit

COP-WL-MA0101-02

FIBERGLASS DOORS

CERTIFIED TEST REPORTS:

NCTL 210-1973-1, 2, 3

Certifying Engineer and License Number: Ramesh Patel, P.E./20224

Unit Tested In Accordance with Miami-Dade BCCO PA202.

Door panels constructed from 0.075" minimum thick fiberglass skins. Both stiles constructed of 1-5/8" laminated lumber. Top end rails constructed of 31/32" wood. Bottom end rails constructed of 31/32" wood composite. Interior cavity of slab filled with rigid polyurethane foam core.

Frame constructed of wood with an extruded aluminum threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN
ACCORDANCE WITH
MIAMI-DADE BCCO PA202

COMPANY NAME
CITY, STATE

To the best of my knowledge and ability the above side-hinged exterior door unit conforms to the requirements of the 2001 Florida Building Code, Chapter 17 (Structural Tests and Inspections).

Kurt L Balthaz

State of Florida, Professional Engineer
Kurt Balthazor, P.E. - License Number 56533



Test Data Review Certificate #2026447A;
#3026447B; #3026447C and COP/TSR
Report Validation Matrix #2026447A-
001, 002, 003; #3026447B-001, 002,
003; #3026447C-001, 002, 003
provides additional information -
available from the ITS/WHI website
(www.itswhi.com), the Masonite
website (www.masonite.com) or the
Masonite technical center.

2

Oakcraft
FIBERGLASS ENTRY DOORS

ARTEK
Non-Flammable Fiberglass Entry Doors

June 17, 2002

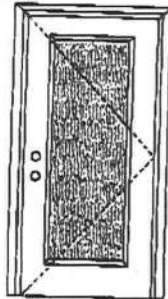
Our continuing program of product improvement means specifications, design and product
details subject to change without notice.



Exclusively from
Masonite
Masonite International Corporation

FIBERGLASS DOORS

APPROVED ARRANGEMENT:



Note:
Units of other sizes are covered by this report as long as the panel used does not exceed 3'0" x 6'8".



Test Data Review Certificate #3026447A;
#3026447B; #3026447C and COP/TECH
Report Validation Matrix #3026447A;
001, 002, 003; #3026447B-001, 002,
003; #3026447C-001, 002, 003
provides additional information -
available from the ITSWH website
(www.itswah.com), the Masonite
website (www.masonite.com) or the
Masonite technical center.

Single Door
Maximum unit size = 3'0" x 6'8"

Design Pressure
+52.0/-52.0

Limited water unless special threshold design is used.

Large Missile Impact Resistance

Hurricane protective system (shutters) is REQUIRED.

Actual design pressure and impact resistant requirements for a specific building design and geographic location is determined by ASCE 7-national, state or local building codes specify the edition required.

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed - see MAD-WL-MA0001-02 and MAD-WL-MA0041-02.

MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed - see MID-WL-MA0001-02.

APPROVED DOOR STYLES:

1/4 GLASS:



100 Series



133, 135 Series



138 Series



R22 Series

1/2 GLASS:



105 Series



108, 180 Series*



129 Series*



12 R/L, 23 R/L, 24 R/L,
Series*



107 Series*



108 Series



304 Series

*This glass kit may also be used in the following door style: Eyebrow 5-panel with crest.

Oakcraft
WHOLESALE DOOR MANUFACTURERS
FIBERGLASS ENTRY DOORS

ARTEK
Non-Vandal Resistant Entry Doors

June 17, 2002
Our continuing program of product improvement makes specifications, design and product detail subject to change without notice.

PREMDOR Collection
Premium Quality Doors

Continuously from
Masonite
Masonite International Corporation

FIBERGLASS DOORS

APPROVED DOOR STYLES: 3/4 GLASS:



404 Series



410 Series

FULL GLASS:



109 Series



114, 120, 122
Series



132 Series



149 Series



300 Series

CERTIFIED TEST REPORTS:

CTLA-805W-2

Certifying Engineer and License Number: Ramesh Patel, P.E./20224

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Door panels constructed from 0.075" minimum thick fiberglass skins. Both stiles constructed of 1-5/8" laminated lumber. Top end rails constructed of 31/32" wood. Bottom end rails constructed of 31/32" wood composite. Interior cavity of slab filled with rigid polyurethane foam core. Slab glazed with insulated glass mounted in a rigid plastic lip lite surround.

Frame constructed of wood with an extruded aluminum threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN
ACCORDANCE WITH
MIAMI-DADE BCCO PA202

COMPANY NAME
CITY, STATE

To the best of my knowledge and ability the above side-hinged exterior door unit conforms to the requirements of the 2001 Florida Building Code, Chapter 17 (Structural Tests and Inspections).

Kurt L Balth

State of Florida, Professional Engineer
Kurt Balthazor, P.E. - License Number 56533

Wetstock Harney
W.H.

Test Data Review Certificate #3026447A;
#3026447B; #3026447C and COP/Total
Report Validation Matrix #3026447A-
001, 002, 003, #3026447B-001, 002,
003, #3026447C-001, 002, 003
provide additional information -
available from the ITS/WH website
(www.itswh.com), the Masonite
website (www.masonite.com) or the
Masonite technical center.

Oakcraft
FIBERGLASS ENTRY DOORS

ARTEK
Non-Tinted Fiberglass Entry Doors

JUNE 17, 2002
Our continuing program of product improvement makes specifications, design and product
data subject to change without notice.

PREMIER Collection
Premium Quality Doors

Exclusively from
Masonite
Masonite International Corporation

Mark Disosway, P.E.

POB 868, Lake City, FL 32056, Ph (386) 754-5419, Fax (386) 269-4871

October 20, 2005

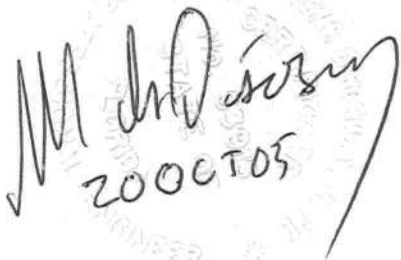
Building Department

Re: Permit 0510-38, Silk Construction, Jackson, Kevin & Angela Residence, Spring Hollow S/D Columbia County, Florida

Dear Building Official:

Please accept this letter as addendum to the plans for the above referenced house to change all references to FBC 2001 to FBC 2004.

- The plan was drawn prior to the effective date for FBC 2004, 01 October 2005.
- Since the wind load requirements of FBC 2004 remain basically unchanged from FBC 2001 there are no structural changes required to this plan.



Mark Disosway, PE
Florida Registered Professional Engineer

Cc Silk Construction

Mark Disosway

RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2004 and FLORIDA RESIDENTIAL CODE 2004 WITH AMENDMENTS ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS ARE SUBJECT TO CHANGE
EFFECTIVE OCTOBER 1, 2005

ALL BUILDING PLANS MUST INDICATE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 16 OF THE FLORIDA BUILDING CODE 2004 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 1609 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 106.1). 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

Plans or specifications must state compliance with FBC Section 1609.

The following information must be shown as per section 1603.1.4 FBC

- a. Basic wind speed (3-second gust), miles per hour (km/hr).
- b. Wind importance factor, I_w , and building classification from Table 1604.5 or Table 6-1, ASCE 7 and building classification in Table 1-1, ASCE 7.
- c. Wind exposure, if more than one wind exposure is utilized, the wind exposure and applicable wind direction shall be indicated.
- d. The applicable enclosure classifications and, if designed with ASCE 7, internal pressure coefficient.
- e. Components and Cladding. The design wind pressures in terms of psf (kN/m^2) to be used for the design of exterior component and cladding materials not specifically designed by the registered design professional.

Elevations including:

- | | | |
|--------------------------|-------------------------------------|--|
| ☐ | ☒ | a) All sides |
| ☐ | ☒ | b) Roof pitch |
| ☐ | ☒ | c) Overhang dimensions and detail with attic ventilation |

See
NOTE II
1

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- 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 identified.
- c) Show product approval specification as required by Fla. Statute 553.842 and Fla. Administrative Code 9B-72 (**see attach forms**).
- d) Show safety glazing of glass, where required by code.
- e) Identify egress windows in bedrooms, and size.
- f) Fireplace (gas vented), (gas non-vented) or wood burning with hearth, (**Please circle applicable type**).
- g) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails.

- h) Must show and identify accessibility requirements (accessible bathroom)

Foundation Plan including:

- a) Location of all load-bearing wall with required footings indicated as standard or monolithic and dimensions and reinforcing.
- b) All posts and/or column footing including size and reinforcing
- c) Any special support required by soil analysis such as piling
- d) Location of any vertical steel.

Roof System:

- a) Truss package including:
 1. Truss layout and truss details signed and sealed by Fl. Pro. Eng.
 2. Roof assembly (FBC 106.1.1.2)Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
- b) Conventional Framing Layout including:
 1. Rafter size, species and spacing
 2. Attachment to wall and uplift
 3. Ridge beam sized and valley framing and support details
 4. Roof assembly (FBC 106.1.1.2)Roofing systems, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

Wall Sections including:

- a) Masonry wall
 1. All materials making up wall
 2. Block size and mortar type with size and spacing of reinforcement
 3. Lintel, tie-beam sizes and reinforcement
 4. Gable ends with rake beams showing reinforcement or gable truss and wall bracing details
 5. All required connectors with uplift rating and required number and size of fasteners for continuous tie from roof to foundation
 6. Roof assembly shown here or on roof system detail (FBC 106.1.1.2) Roofing system, materials, manufacturer, fastening requirements and product evaluation with resistance rating)
 7. Fire resistant construction (if required)
 8. Fireproofing requirements
 9. Shoe type of termite treatment (termicide or alternative method)
 10. Slab on grade
 - a. Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)
 - b. Must show control joints, synthetic fiber reinforcement or Welded fire fabric reinforcement and supports
 11. Indicate where pressure treated wood will be placed
 12. Provide insulation R value for the following:
 - a. Attic space
 - b. Exterior wall cavity

c. Crawl space (if applicable)

☐

☒

b) Wood frame wall

1. All materials making up wall
2. Size and species of studs
3. Sheathing size, type and nailing schedule
4. Headers sized
5. Gable end showing balloon framing detail or gable truss and wall hinge bracing detail
6. All required fasteners for continuous tie from roof to foundation (truss anchors, straps, anchor bolts and washers)
7. Roof assembly shown here or on roof system detail (FBC 106.1.1.2) 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 retarder (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
- h) Exhaust fans in bathroom

HVAC information

- a) Energy Calculations (dimensions shall match plans)
- b) Manual J sizing equipment or equivalent computation
- c) Gas System Type (LP or Natural) Location and BTU demand of equipment

Disclosure Statement for Owner Builders

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

Private Potable Water

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

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

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

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

PRODUCT APPROVAL SPECIFICATION SHEET

Location: _____

Project Name: _____

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

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

Category/Subcategory (cont.)	Manufacturer	Product Description	Approval Number(s)
13. Liquid Applied Roof Sys			
14. Cements-Adhesives – Coatings			
15. Roof Tile Adhesive			
16. Spray Applied Polyurethane Roof			
17. Other			
E. SHUTTERS			
1. Accordion			
2. Bahama			
3. Storm Panels			
4. Colonial			
5. Roll-up			
6. Equipment			
7. Others			
F. SKYLIGHTS			
1. Skylight			
2. Other			
G. STRUCTURAL COMPONENTS			
1. Wood connector/anchor			
2. Truss plates			
3. Engineered lumber			
4. Railing			
5. Coolers-freezers			
6. Concrete Admixtures			
7. Material			
8. Insulation Forms			
9. Plastics			
10. Deck-Roof			
11. Wall			
12. Sheds			
13. Other			
H. NEW EXTERIOR ENVELOPE PRODUCTS			
1.			
2.			

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

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

Contractor or Contractor's Authorized Agent Signature

Print Name

Date

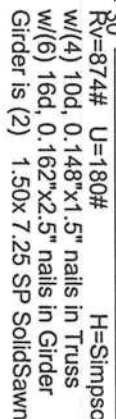
Location

Permit # (FOR STAFF USE ONLY)

110 mph wind, 13.88 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member

Deflection meets L/360 live and L/240 total load



QTY=4 TOTAL=4

REV. 7.04.0805.16

SEQ = 31236
SCALE = 0.1875

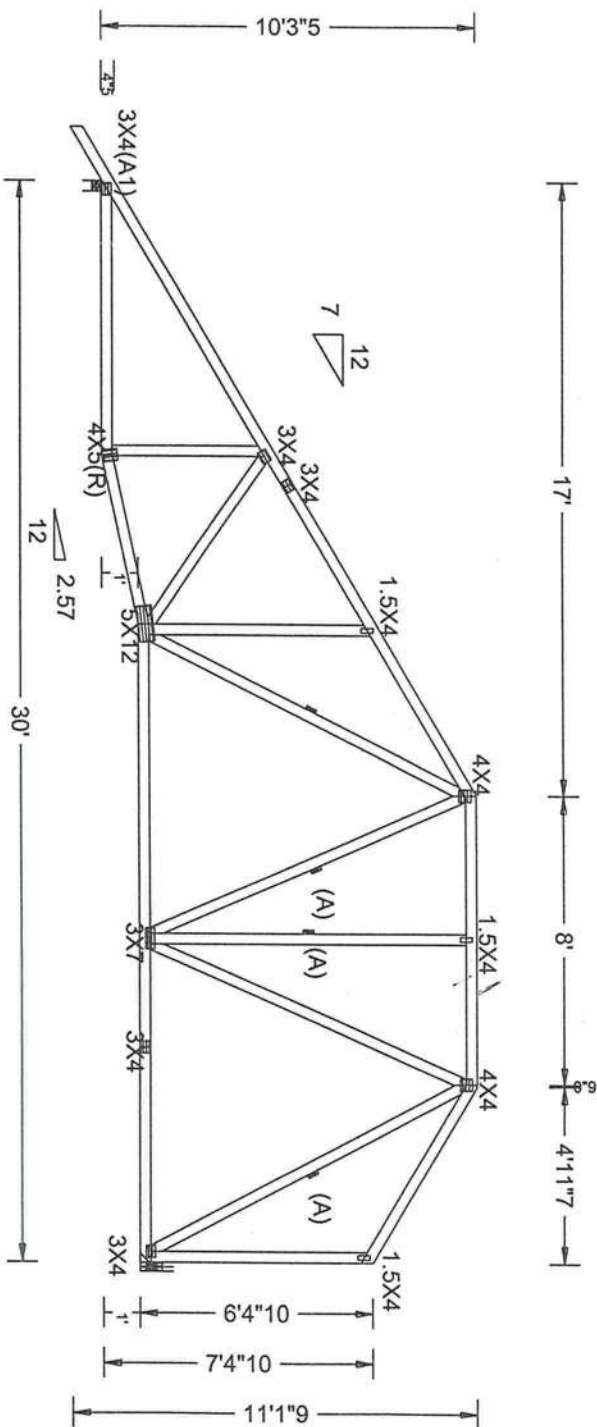
WARNING: THESE REQUIRE EXTENSIVE CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC61-1403 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATING INSTITUTE, 583 DORSEFORD DR., SUITE 200, MADISON, WI 53719) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, DUNSFORD, 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 NDS (NATIONAL DESIGN SPEC. BY A/P&P) AND TPI, ALPINE CONNECTOR PLATES ARE MADE OF 2018F16624 (W/HISK) ASTM A653 GRADE 4090 (W/KH,SI) GALV. STEEL. APPLICATIONS TO PLATE FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, PER DRAWINGS 1804-2. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A1 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENTS DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANNEXIT 1 SEC. 2.

TC LL	20.0psf	REF	
TC DL	10.0psf	DATE	09-09-2005
BC DL	10.0psf	DRWG	
BC LL	0.0psf	JP	
TOT.LD.	40.0psf	O/A LEN.	30
DUR.FAC.	1.25		
SPACING	24.0"	TYPE	spec

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

(A) Continuous lateral bracing equally spaced on member



$R_v = 131 \#$ $U = 203 \#$ $W = 3 \#$ $77''8$ $4''8$ $17''8$ $H = \text{Simpson LU28}$
 $R_v = 185 \#$ $U = 226 \#$
 $w/(6) 10d, 0.148'' \times 1.5''$ nails in Truss
 $w/(8) 16d, 0.162'' \times 2.5''$ nails in Girder
Girder is (2) 1.50x7.25 SP SolidSawn

QTY=2 TOTAL=2

REV. 7.04.0805.16

SEQ = 31464
SCALE = 0.1875

WARNING: TRUSS IS REQUIRING EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC-1 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 383 DONOFREDO DR., SUITE 200, MADISON, WI 53719) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT: FURNISH 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 NS (NATIONAL DESIGN SPEC. BY AISC) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018T16624 (W/HSK) ASTM A575 GRADE 4060 (W/KN, SI) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (U) SHALL BE PER ANEX A3 OF TPI 1.2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENTS DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. PER AUSTRIAN 1 SEC. 2.

TC LL	20.0psf	REF
TC DL	10.0psf	DATE 09-09-2005
BC DL	10.0psf	DRWG
BC LL	0.0psf	JP
TOT.LD.	40.0psf	O/A LEN. 30
DUR.FAC.	1.25	
SPACING 24.0"		TYPE spec

COLUMBIA COUNTY OFFICE OF BUILDING

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 24-3S-16-02273-034

Building permit No. 000023795

Use Classification SF/UTILITY

Fire: 29.60

Permit Holder GUY WILLIAMS

Waste: 61.25

Owner of Building KEVIN & ANGELA JACKSON

Total: 90.85

Location: 667 NW SPRING HOLLOW BLVD/SPRING HOLLOW, LOT 40/41

Date: 05/17/2006



Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)