

DATE 10/24/2005

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000023760

APPLICANT MELANIE RODER PHONE 752-2878
ADDRESS 387 SW KEMP COURT LAKE CITY FL 32024
OWNER AARON CADY PHONE 752-2878
ADDRESS 176 SW WILSHIRE DRIVE LAKE CITY FL 32024
CONTRACTOR AARON CADY PHONE 752-2878
LOCATION OF PROPERTY 90W, TL ON 247S, TL ON CALLAHAN DRIVE, TL ON CALLAWAY,
TR ON PHEASANT COURT, TO THE END, STRAIGHT AHEAD ON WILSHIRE

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 102300.00
HEATED FLOOR AREA 2046.00 TOTAL AREA 2878.00 HEIGHT .00 STORIES 1
FOUNDATION CONC WALLS FRAMED ROOF PITCH 10/12 FLOOR SLAB
LAND USE & ZONING RSF-2 MAX. HEIGHT 23
Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00
NO. EX.D.U. 0 FLOOD ZONE X PP DEVELOPMENT PERMIT NO.

PARCEL ID 15-4S-16-03023-379 SUBDIVISION CALLAWAY
LOT 79 BLOCK PHASE 3 UNIT TOTAL ACRES

000000860 CGC1508421
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
CULVERT 05-1061-N BK JH Y
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: ONE FOOT ABOVE THE ROAD, NOC ON FILE

Check # or Cash 2227

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

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

BUILDING PERMIT FEE \$ 515.00 CERTIFICATION FEE \$ 14.39 SURCHARGE FEE \$ 14.39
MISC. FEES \$.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$.00 WASTE FEE \$
FLOOD DEVELOPMENT FEE \$ FLOOD ZONE FEE \$ 25.00 CULVERT FEE \$ 25.00 TOTAL FEE 643.78

INSPECTORS OFFICE CLERKS OFFICE

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

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

This Permit Must Be Prominently Posted on Premises During Construction

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

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

New Construction Subterranean Termite Soil Treatment Record

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

This form is completed by the licensed Pest Control Company.

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This information is mandatory and is required to obtain benefits. HUD may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.

Section 24 CFR 200.926d(b)(3) requires that the sites for HUD insured structures must be free of termite hazards. This information collection requires the builder to certify that an authorized Pest Control company performed all required treatment for termites, and that the builder guarantees the treated area against infestation for one year. Builders, pest control companies, mortgage lenders, homebuyers, and HUD as a record of treatment for specific homes will use the information collected. The information is not considered confidential.

This report is submitted for informational purposes to the builder on proposed (new) construction cases when soil treatment for prevention of subterranean termite infestation is specified by the builder, architect, or required by the lender, architect, FHA, or VA.

All contracts for services are between the Pest Control Operator and builder, unless stated otherwise.

23760

Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.
Company Address: 301 NW Cole Terrace City Lake City State FL Zip 32055
Company Business License No. JB103476 Company Phone No. 386-755-3611
FHA/VA Case No. (if any) _____

Section 2: Builder Information

Company Name: Cady Homes & Assoc. Company Phone No. 752-2878

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) Lot # 79 Callaway S/D
176 SW Wilshire Dr.
Lake City, FL 32024
Type of Construction (More than one box may be checked) ☒ Slab ☐ Basement ☐ Crawl ☐ Other _____
Approximate Depth of Footing: Outside 1' Inside 1' Type of Fill Sand

Section 4: Treatment Information

Date(s) of Treatment(s) 11/15/05
Brand Name of Product(s) Used Surrender TC
EPA Registration No. 70907-7-53883
Approximate Final Mix Solution % .5%
Approximate Size of Treatment Area: Sq. ft. 2878 Linear ft. 335 Linear ft. of Masonry Voids 320
Approximate Total Gallons of Solution Applied 480 gals.
Was treatment completed on exterior? ☐ Yes ☒ No
Service Agreement Available? ☒ Yes ☐ No

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

Attachments (List) _____

Comments _____

Name of Applicator(s) S. Gregory Certification No. (if required by State law) JF104376

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

Authorized Signature Shannon Gregory Date 11/15/05

Warning: HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010, 1012; 31 U.S.C. 3729, 3802)
Form NPCA-99-B may still be used

form HUD-NPCA-99-B (04/2003)

645-10 CK# 2227
Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0510-64 Date Received 10/20/05 By JS Permit # 9461 23760
 Application Approved by - Zoning Official BLK Date 21.10.05 Plans Examiner OK JTH Date 10-21-05
 Flood Zone X 9 ft Development Permit N/A Zoning RSF-2 Land Use Plan Map Category Res. Low Den.
 Comments FLOOD ZONE X PER PLAT
911 Address

Applicants Name Melanie Roder Phone 752-2281
 Address 387 SW Kemp CT Lake City, FL 32024
 Owners Name Cady Homes & Associates, INC Phone 752-2878
 911 Address 176 SW Wilshire Dr. Lake City, 32024
 Contractors Name CADY HOMES & ASSOCIATES, INC. Phone 386-752-2878
 Address P.O. Box 123 Lake City, FL 32054
 Fee Simple Owner Name & Address NA
 Bonding Co. Name & Address NA
 Architect/Engineer Name & Address _____
 Mortgage Lenders Name & Address Central FL State Bank 11800 So. US Hwy 441 Belleview, FL 34421
 Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
 Property ID Number 15-45-16-03023-379 Estimated Cost of Construction 150,000
 Subdivision Name Callaway Lot 79 Block _____ Unit _____ Phase 3
 Driving Directions 9th 90 W TL on 247, TL on Callahan Dr. TL into Callaway. TR on Pheasant CT, follow all the way to end, lot 79 is straight ahead on Wilshire
 Type of Construction SFD Number of Existing Dwellings on Property 0
 Total Acreage 5 Lot Size _____ Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive
 Actual Distance of Structure from Property Lines - Front 50.0 Side 27.2 Side 27.2 Rear 79.0
 Total Building Height 23.11 Number of Stories 1 Heated Floor Area 2046 Roof Pitch 10-12
PORCHES 304 GARAGE 528 TOTAL 3878

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.

AARON CADY V.P. Cady Homes
 Owner Builder or Agent (Including Contractor) _____
 Linda R. Roder
 Commission #DD303275
 Expires: Mar 24, 2008
 Bonded Thru
 Atlantic Bonding Co., Inc.

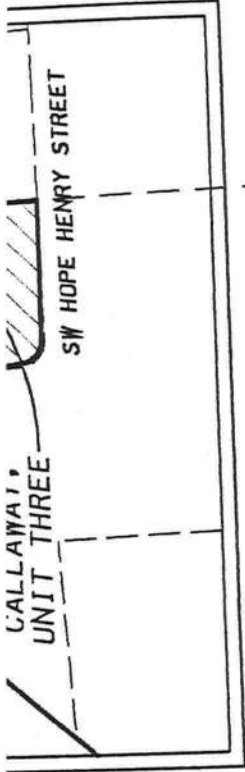
STATE OF FLORIDA
 COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
 this 20 day of Oct 2005
 Personally known L or Produced Identification _____

AARON M Cady
 Contractor Signature
 Contractors License Number CGC1508421
 Competency Card Number _____
 NOTARY STAMP/SEAL

Linda R. Roder
 Notary Signature

THESE LOTS ARE 100' X 120' 32", A CHORD BEARING
DELTA OF 87° 51' 32", A CHORD BEARING
THE POINT OF TANGENCY OF SAID CURVE;
FEET TO THE POINT OF BEGINNING.



FEDERAL SAVINGS BANK OF FLORIDA,
PLATTED, TO BE KNOWN AS
FOR THE PERPETUAL USE OF
THE CALLAWAY, UNIT THREE

[Handwritten signatures]

NOTES:

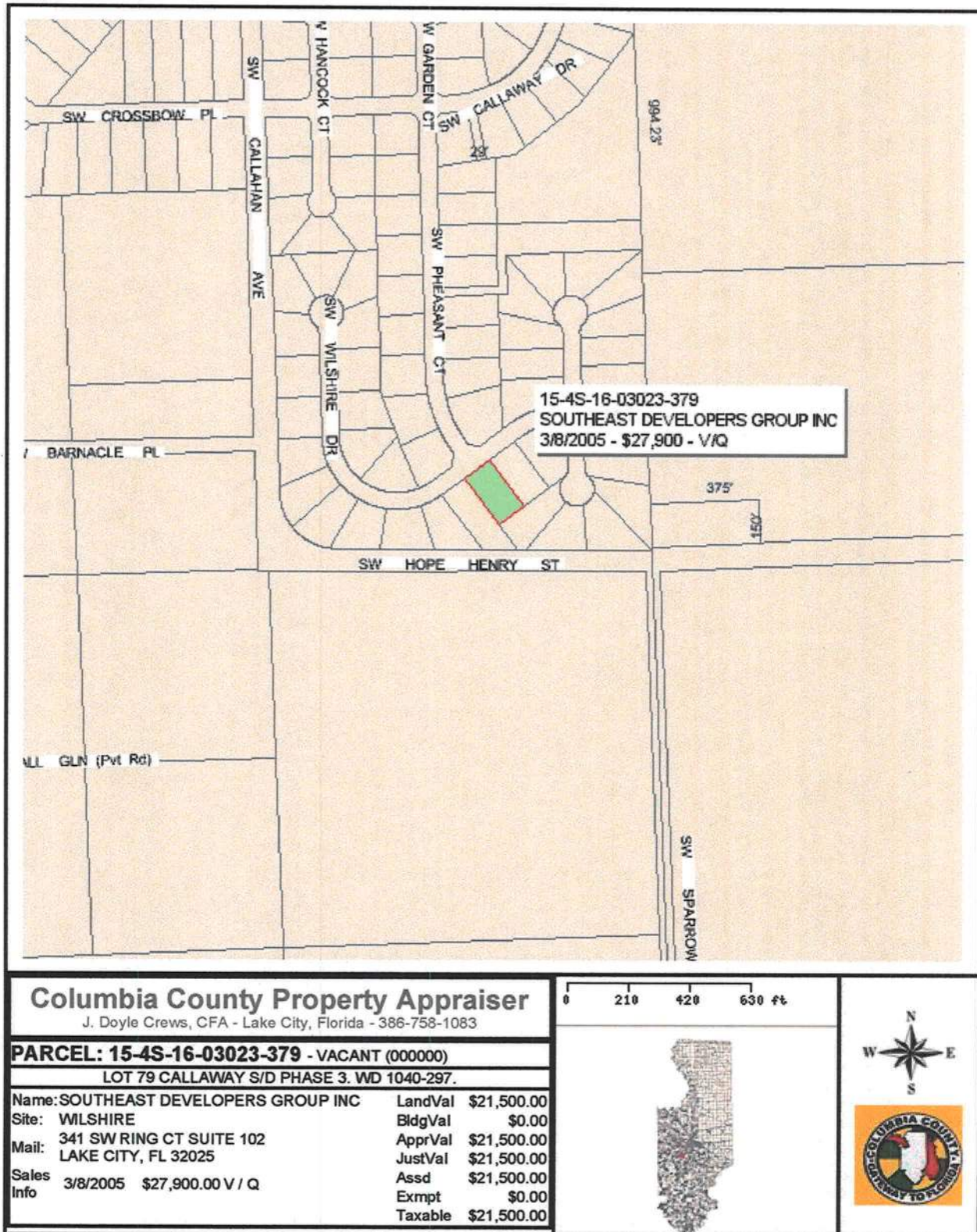
1. BEARINGS ARE BASED ON THE EAST LINE OF SECTION 15, TOWNSHIP 4 SOUTH, RANGE 16 EAST, BEING S 02° 11' 02" E.
2. TOTAL ACRES IN SUBDIVISION IS 30.54 ACRES.
3. SUBDIVISION CONSISTS OF 47 LOTS, RANGING IN SIZE FROM 0.5001 AC. TO 0.6214 AC. AND 1 RETENTION AREA.
4. BM DATUM IS NGVD 1929. CONTOURS DETERMINED FROM FIELD DATA.
5. PROPERTY IS ZONED RSF-2 (RESIDENTIAL SINGLE FAMILY).
6. CLOSURE EXCEEDS 1:10000.
7. ACCORDING TO FLOOD INSURANCE RATE MAP (COMMUNITY PANEL NO. 120070 0175 B, EFFECTIVE DATE JANUARY 6, 1988) THE ABOVE DESCRIBED LANDS LIE IN ZONE "X", AN AREA DETERMINED TO BE OUTSIDE THE 500-YEAR FLOOD PLAIN.
8. POTABLE WATER IS TO BE CITY WATER.
9. WASTE WATER IS TO BE PRIVATE SEPTIC SYSTEMS.
10. PRELIMINARY PLAT APPROVED ON AUGUST 7, 2003.
11. BUILDING SETBACKS ARE AS FOLLOWS:
FRONT - 25 FEET
SIDE - 10 FEET
REAR - 15 FEET
13. ALL LOT CORNERS ARE SET CONCRETE MONUMENTS UNLESS OTHERWISE INDICATED.

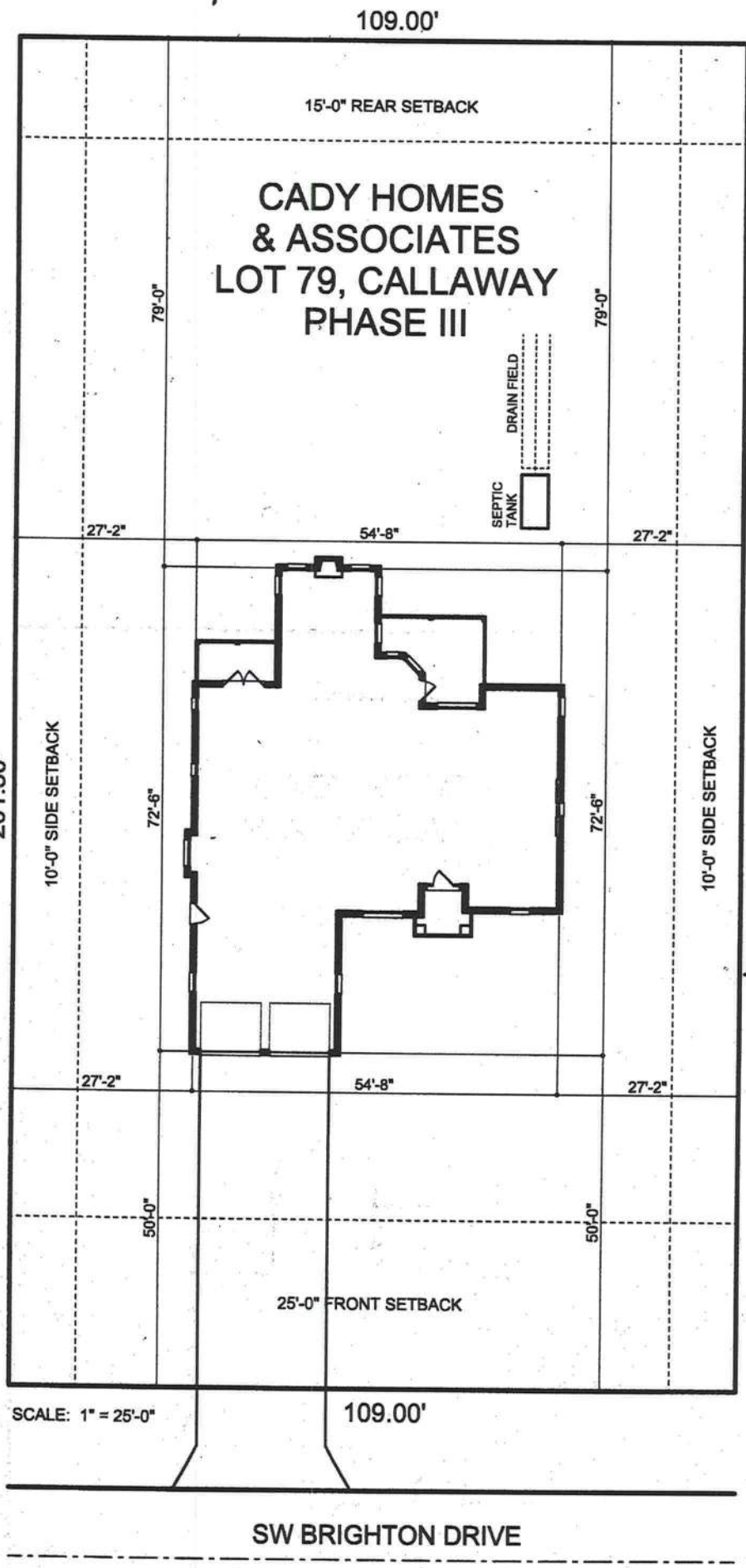
ACCEPTANCE FOR MAINTENANCE

I HEREBY CERTIFY THAT THE IMPROVEMENTS HAVE BEEN
CONSTRUCTED IN AN ACCEPTABLE MANNER AND IN ACCORDANCE
WITH COUNTY SPECIFICATIONS OR THAT A PERFORMANCE
BOND OR INSTRUMENT IN THE AMOUNT OF \$ _____
HAS BEEN POSTED TO ASSURE COMPLETION OF ALL
REQUIRED IMPROVEMENTS AND MAINTENANCE IN CASE OF
DEFAULT.

SIGNED: *Hoyle Crowder* DATE: *1/29/04*
DIRECTOR OF PUBLIC WORKS

268.10' 296
38 AC. (NON-RAD) 43.32
56-11 63.91 2
67-2 0.
N 87° 4 220
0.50
N 87° 22
0.5
N 87° 2
0.5
N 87
5' UTILI
ASEMENT
0.
N 8





LIMITED POWER OF ATTORNEY

I, AARON M. CADY, do hereby authorize Linda or Melanie Roder to be my representative and act on my behalf in all aspects of applying for a Building permit to be placed on property in Columbia County, Florida described as follows:

Owner's Name: Cady Homes and Associates

Section 15 Twp 4 S Rge 16

Tax Parcel No. 03023-379

AARON M. CADY
(Contractor's Signature)

10-20-05
(Date)



Linda R. Roder
Commission #DD303275
Expires: Mar 24, 2008
Bonded Thru
Atlantic Bonding Co., Inc.

Sworn to and subscribed before me this 20 day of Oct, 2003 5

Linda R. Roder
Notary Public

My Commission expires: 3-24-08

Commission No: DD303275

Personally Known: ✓

Produced ID (Type): _____

ATV

This Instrument Prepared By:
Deniese Y. Clements
Central Florida State Bank
P.O. Box 3340
Bellevue, FL 34421

15267

Inst: 2005024113 Date: 09/29/2005 Time: 12:50
DC, P. Dewitt Cason, Columbia County B: 1060 P: 197

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF COLUMBIA

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

1. Description of Property: Lot 79, of Callaway Phase III, a subdivision according to the plat thereof as recorded in Plat Book 7, Pages 145-146, of the Public Records of Columbia County, Florida.

Street Address: 176 S.W. Wilshire Drive, Lake City, FL 32024

2. General Description of the Improvements: Construction of Single Family Residence

3. Owner Information:

a. Name and Address:

Cady Homes & Associates, Inc.
P.O. Box 123
Lake City, FL 32024

b. Interest in Property: Fee Simple

c. Name and Address of Fee /Simple Title Holder (if other than Owner):

4. Contractors Name and Address: Cady Homes & Associates, Inc.
Aaron Matthew Cady
P.O. Box 123
Lake City, FL 32024

5. Surety: N/A

6. Lender: Central Florida State Bank
Attention: Barbara Shope
11800 So. U.S. Hwy 441
Bellevue, FL 34421
Phone: 352-347-4800 Fax: 352-347-4802

STATE OF FLORIDA, COUNTY OF COLUMBIA
I HEREBY CERTIFY, that the above and foregoing
is a true copy of the original filed in this office.
P. DEWITT CASON, CLERK OF COURTS

By

Date

Paul R. Cason
Clerk of Courts
9-29-05



7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7, Florida Statutes: Lender

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

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

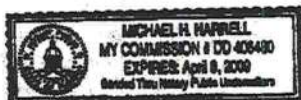
Owner:

Cady Homes & Associates, Inc.

by: *Aaron Cady V.P.*
Aaron M. Cady, Vice President

STATE OF FLORIDA
COUNTY OF *Columbia*

The foregoing instrument was acknowledged before me this 29 day of September, 2005, by Aaron M. Cady the Vice President of Cady Homes & Associates, Inc., who is personally known to me or who has produced DL as identification.



[Signature]
Notary Public

ATS# 15267

CORPORATE WARRANTY DEED

THIS INDENTURE, Made the 23rd day of September A.D., 2005, by

Southeast Developers Group, Inc.

a corporation existing under the laws of the STATE OF FLORIDA, and having its principal place of business at 341 SW Ring Court, Suite 102, Lake City, FL 32025 hereinafter called the grantor,

Cady Homes & Associates, Inc.

whose post office address is: 701 SW Stoneridge Drive, Lake City, FL 32056 hereinafter called the Grantee:

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

WITNESSETH that the grantor, for and in consideration of the sum of ten (\$10.00) dollars and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys and confirms unto the grantee, all that certain land situate in COLUMBIA County, FLORIDA, viz: Parcel ID: R03023-379

LOT 79, OF CALLAWAY PHASE III, A SUBDIVISION ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 7, PAGES 145-146, OF THE PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA.

TOGETHER WITH all tenements, hereditaments and appurtenances hereto belonging or in anywise appertaining.

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

AND the grantor hereby covenants with said grantees that the grantor is lawfully seized of said land in fee simple, that the grantor has good right and lawful authority to sell and convey said land, and hereby warrants the title to the land and will defend the same against the lawful claims of all persons whomsoever, and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2004.

IN WITNESS WHEREOF the said grantor has hereunto set their hand and seal the day and hear first above written.

Signed, sealed and delivered in our presence:

Thao Landel
WITNESS TEACI LANDER

SOUTHEAST DEVELOPERS GROUP, INC.

BY:

Joshua A. Nickelson, President

Michael Harrell
WITNESS Michael Harrell

STATE OF FLORIDA
COUNTY OF COLUMBIA

Inst:2005024111 Date:09/29/2005 Time:12:50

Doc Stamp-Deed : 308.00

mk DC, P. DeWitt Cason, Columbia County B:1060 P:193

I HEREBY CERTIFY that on this day, before me, an officer duly authorized in the State aforesaid and in the county aforesaid, to take acknowledgments, personally appeared, President of Southeast Developers Group, Inc., to me known to be the person described in and who executed the foregoing instrument and acknowledged before me that He executed the same.

WITNESS my hand and official seal in the County and State last aforesaid this 29th day of September A.D., 2005

(SEAL)

NOTARY PUBLIC

My Commission Expires:

This Instrument Prepares By:
Michael H. Harrell
Abstract & Title Services, Inc.
283 NW Cole Terrace
Lake City, FL 32055

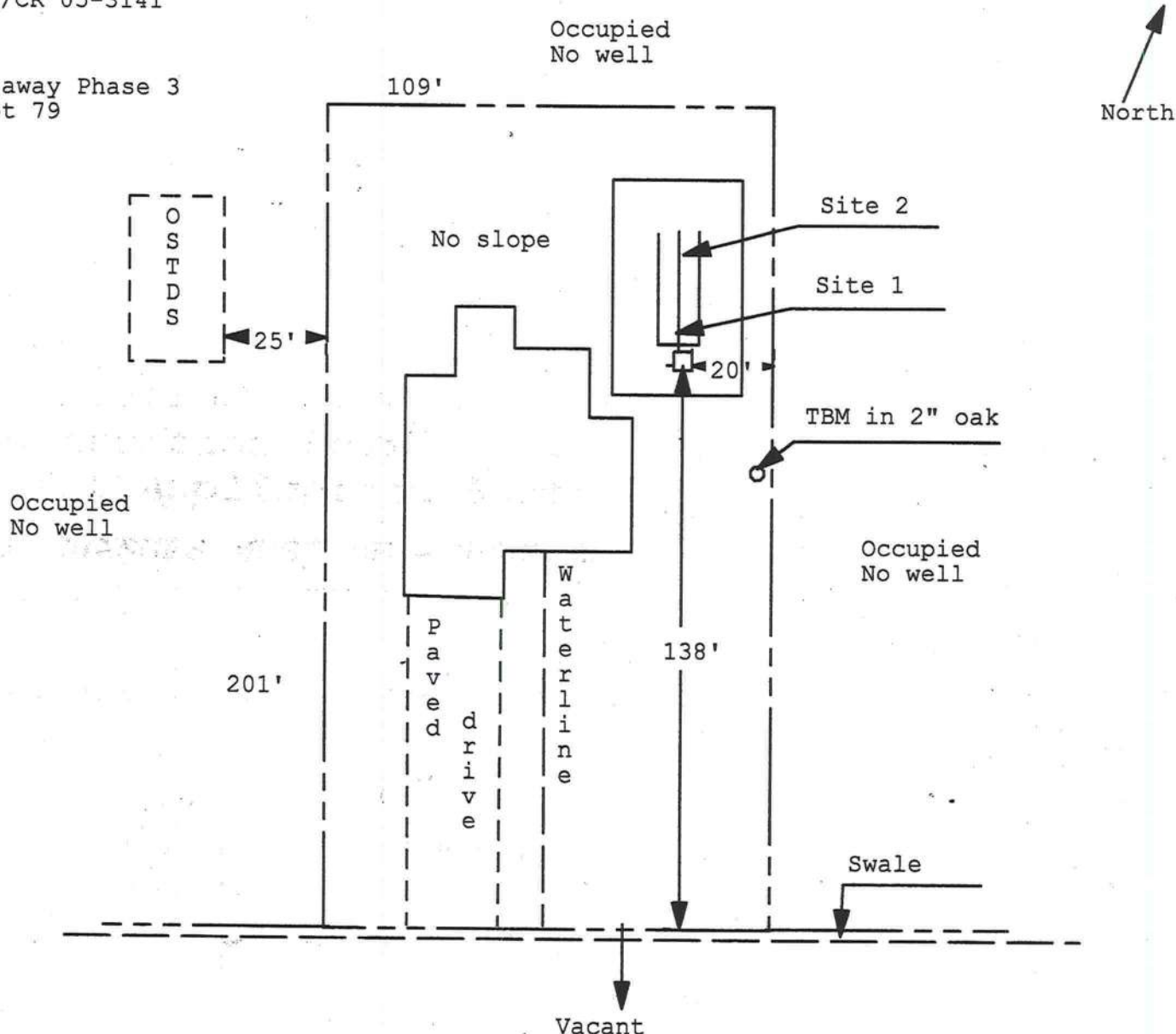


Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan
Permit Application Number: 05-1061N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

CADY/CR 05-3141

Callaway Phase 3
Lot 79



Site Plan Submitted By Paul Lloyd Date 10/12/05
Plan Approved ☒ Not Approved ☐ Date 10/18/05
By MM 02 Columbia CPHU

Notes: _____

FROM :

FAX NO. : 386-755-7022

Sep. 17 2002 01:52PM P1

HALL'S PUMP & WELL SERVICE, INC.

SPECIALIZING IN 4"-6" WELLS



DONALD AND MARY HALL
OWNERS

PHONE (904) 752-1654
FAX (904) 755-7022
~~XXXXXXXXXXXXXXXXXXXX~~
LAKE CITY, FLORIDA 32055
904 NW Main Blvd.

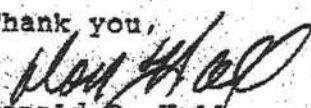
June 12, 2002

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:	Cady Homes & Associates	Builder:	Cady Homes & Associates
Address:	Lot: 79, Sub: Callaway III, Plat:	Permitting Office:	Columbia
City, State:	Lake City, FL 32025-	Permit Number:	23760
Owner:	Spec House	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: 43.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 11.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	No	c. N/A	
6. Conditioned floor area (ft²)	2046 ft²	13. Heating systems	
7. Glass area & type		a. Electric Heat Pump	Cap: 43.0 kBtu/hr
a. Clear - single pane	0.0 ft²		HSPF: 6.80
b. Clear - double pane	336.0 ft²	b. N/A	
c. Tint/other SHGC - single pane	0.0 ft²	c. N/A	
d. Tint/other SHGC - double pane	0.0 ft²	14. Hot water systems	
8. Floor types		a. Electric Resistance	Cap: 50.0 gallons
a. Slab-On-Grade Edge Insulation	R=0.0, 227.0(p) ft		EF: 0.90
b. N/A		b. N/A	
c. N/A		c. Conservation credits	
9. Wall types		(HR-Heat recovery, Solar	
a. Frame, Wood, Exterior	R=13.0, 1430.0 ft²	DHP-Dedicated heat pump)	
b. Frame, Wood, Adjacent	R=13.0, 148.0 ft²	15. HVAC credits	
c. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
d. N/A		HF-Whole house fan,	
e. N/A		PT-Programmable Thermostat,	
10. Ceiling types		MZ-C-Multizone cooling,	
a. Under Attic	R=30.0, 2200.0 ft²	MZ-H-Multizone heating)	
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 50.0 ft		
b. N/A			

Glass/Floor Area: 0.16

Total as-built points: 28600

Total base points: 29417

PASS

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

PREPARED BY: Will Myers
DATE: 9/14/05

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

OWNER/AGENT:
DATE:

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



BUILDING OFFICIAL:
DATE:

SUMMER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 79, Sub: Callaway III, Plat: , Lake City, FL, 32025-

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned X BSPM = Points Floor Area											
				Type/SC	Overhang Ornt Len Hgt		Area X SPM X SOF = Points				
.18	2046.0	20.04	7380.3	Double, Clear	W	8.0	7.7	40.0	36.99	0.52	769.3
				Double, Clear	S	1.5	6.0	15.0	34.50	0.86	443.1
				Double, Clear	W	1.5	6.0	30.0	36.99	0.91	1013.5
				Double, Clear	N	1.5	6.0	15.0	19.22	0.94	270.6
				Double, Clear	N	17.5	6.0	15.0	19.22	0.59	171.0
				Double, Clear	W	7.5	8.0	14.0	36.99	0.55	282.4
				Double, Clear	NW	10.5	8.0	21.0	25.46	0.59	317.4
				Double, Clear	N	8.5	9.7	20.0	19.22	0.73	280.5
				Double, Clear	W	15.5	8.0	42.0	36.99	0.41	640.3
				Double, Clear	N	1.5	6.0	15.0	19.22	0.94	270.6
				Double, Clear	N	1.5	4.0	6.0	19.22	0.88	101.6
				Double, Clear	E	1.5	6.0	45.0	40.22	0.91	1652.1
				Double, Clear	E	9.0	9.7	22.0	40.22	0.54	473.5
				Double, Clear	S	1.5	5.0	16.0	34.50	0.81	445.4
				Double, Clear	S	1.5	6.0	20.0	34.50	0.86	590.7
				As-Built Total:					336.0	7721.9	
WALL TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	148.0	0.70	103.6	Frame, Wood, Exterior	13.0		1430.0	1.50	2145.0		
Exterior	1430.0	1.70	2431.0	Frame, Wood, Adjacent	13.0		148.0	0.60	88.8		
Base Total:		1578.0	2534.6	As-Built Total:		1578.0			2233.8		
DOOR TYPES Area X BSPM = Points				Type			Area X SPM = Points				
Adjacent	20.0	2.40	48.0	Exterior Insulated			20.0	4.10	82.0		
Exterior	20.0	6.10	122.0	Adjacent Insulated			20.0	1.60	32.0		
Base Total:		40.0	170.0	As-Built Total:		40.0			114.0		
CEILING TYPES Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points				
Under Attic	2046.0	1.73	3539.6	Under Attic	30.0		2200.0	1.73 X 1.00	3806.0		
Base Total:		2046.0	3539.6	As-Built Total:		2200.0			3806.0		
FLOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Slab	227.0(p)	-37.0	-8399.0	Slab-On-Grade Edge Insulation	0.0		227.0(p)	-41.20	-9352.4		
Raised	0.0	0.00	0.0								
Base Total:			-8399.0	As-Built Total:		227.0			-9352.4		

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 79, Sub: Callaway III, Plat: , Lake City, FL, 32025-

PERMIT #:

BASE				AS-BUILT							
INFILTRATION Area X BSPM = Points				Area X SPM = Points							
2046.0 10.21 20889.7				2046.0 10.21 20889.7							
Summer Base Points: 26115.2				Summer As-Built Points: 25412.9							
Total Summer X System = Cooling Points Multiplier Points				Total X Cap X Duct X System X Credit = Cooling Component Ratio Multiplier Multiplier Multiplier Multiplier Points (DM x DSM x AHU)							
26115.2 0.4266 11140.7				25412.9 1.000 (1.090 x 1.147 x 1.00) 0.310 1.000 9858.0 25412.9 1.00 1.250 0.310 1.000 9858.0							

WINTER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 79, Sub: Callaway III, Plat: , Lake City, FL, 32025-

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	2046.0	12.74	4691.9	Double, Clear	W	8.0	7.7	40.0	10.77	1.17	504.5
				Double, Clear	S	1.5	6.0	15.0	4.03	1.12	67.6
				Double, Clear	W	1.5	6.0	30.0	10.77	1.02	330.5
				Double, Clear	N	1.5	6.0	15.0	14.30	1.00	215.1
				Double, Clear	N	17.5	6.0	15.0	14.30	1.03	220.4
				Double, Clear	W	7.5	8.0	14.0	10.77	1.16	174.8
				Double, Clear	NW	10.5	8.0	21.0	14.03	1.03	303.0
				Double, Clear	N	8.5	9.7	20.0	14.30	1.02	290.9
				Double, Clear	W	15.5	8.0	42.0	10.77	1.22	552.1
				Double, Clear	N	1.5	6.0	15.0	14.30	1.00	215.1
				Double, Clear	N	1.5	4.0	6.0	14.30	1.01	86.3
				Double, Clear	E	1.5	6.0	45.0	9.09	1.04	423.6
				Double, Clear	E	9.0	9.7	22.0	9.09	1.27	253.4
				Double, Clear	S	1.5	5.0	16.0	4.03	1.20	77.2
				Double, Clear	S	1.5	6.0	20.0	4.03	1.12	90.1
				As-Built Total:							336.0
WALL TYPES Area X BWPM = Points				Type	R-Value			Area X WPM = Points			
Adjacent	148.0	3.60	532.8	Frame, Wood, Exterior	13.0			1430.0	3.40	4862.0	
Exterior	1430.0	3.70	5291.0	Frame, Wood, Adjacent	13.0			148.0	3.30	488.4	
Base Total: 1578.0 5823.8				As-Built Total:			1578.0			5350.4	
DOOR TYPES Area X BWPM = Points				Type				Area X WPM = Points			
Adjacent	20.0	11.50	230.0	Exterior Insulated				20.0	8.40	168.0	
Exterior	20.0	12.30	246.0	Adjacent Insulated				20.0	8.00	160.0	
Base Total: 40.0 476.0				As-Built Total:			40.0			328.0	
CEILING TYPES Area X BWPM = Points				Type	R-Value			Area X WPM X WCM = Points			
Under Attic	2046.0	2.05	4194.3	Under Attic	30.0			2200.0	2.05 X 1.00	4510.0	
Base Total: 2046.0 4194.3				As-Built Total:			2200.0			4510.0	
FLOOR TYPES Area X BWPM = Points				Type	R-Value			Area X WPM = Points			
Slab	227.0(p)	8.9	2020.3	Slab-On-Grade Edge Insulation	0.0			227.0(p)	18.80	4267.6	
Raised	0.0	0.00	0.0								
Base Total: 2020.3				As-Built Total:			227.0			4267.6	

WINTER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 79, Sub: Callaway III, Plat: , Lake City, FL, 32025-

PERMIT #:

BASE				AS-BUILT					
INFILTRATION Area X BWPM = Points				Area X WPM = Points					
2046.0 -0.59 -1207.1				2046.0 -0.59 -1207.1					
Winter Base Points: 15999.1				Winter As-Built Points: 17053.4					
Total Winter X System = Heating Points Multiplier Points				Total X Cap X Duct X System X Credit = Heating Component Ratio Multiplier Multiplier Multiplier Points (DM x DSM x AHU)					
15999.1 0.6274 10037.9				17053.4 1.000 (1.069 x 1.169 x 1.00) 0.501 1.000 10686.8 17053.4 1.00 1.250 0.501 1.000 10686.8					

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

ADDRESS: Lot: 79, Sub: Callaway III, Plat: , Lake City, FL, 32025-

PERMIT #:

BASE				AS-BUILT					
WATER HEATING				Tank	EF	Number of	X	Tank X	X Credit = Total
Number of		Multiplier	=	Volume		Bedrooms		Ratio	Multiplier
Bedrooms			Total						
3		2746.00	8238.0	50.0	0.90	3		1.00	2684.98
									1.00
									8054.9
				As-Built Total:					8054.9

CODE COMPLIANCE STATUS							
BASE				AS-BUILT			
Cooling	+	Heating	+	Cooling	+	Heating	+
Points		Points		Points		Points	
			Hot Water				Hot Water
			Points				Points
=			=	=			=
Total			Total	Total			Total
Points			Points	Points			Points
11141		10038	8238	9858		10687	8055
			29417				28600

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 79, Sub: Callaway III, Plat: , Lake City, FL, 32025-

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.

Spec House, Lot: 79, Sub: Callaway III, Plat: , Lake City, FL, 32025-

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 43.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 11.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	No	c. N/A	
6. Conditioned floor area (ft ²)	2046 ft ²		
7. Glass area & type		13. Heating systems	
a. Clear - single pane	0.0 ft ²	a. Electric Heat Pump	Cap: 43.0 kBtu/hr
b. Clear - double pane	336.0 ft ²		HSPF: 6.80
c. Tint/other SHGC - single pane	0.0 ft ²	b. N/A	
d. Tint/other SHGC - double pane	0.0 ft ²	c. N/A	
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=0.0, 227.0(p) ft	a. Electric Resistance	Cap: 50.0 gallons
b. N/A			EF: 0.90
c. N/A		b. N/A	
9. Wall types		c. Conservation credits	
a. Frame, Wood, Exterior	R=13.0, 1430.0 ft ²	(HR-Heat recovery, Solar	
b. Frame, Wood, Adjacent	R=13.0, 148.0 ft ²	DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits	
d. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
e. N/A		HF-Whole house fan,	
10. Ceiling types		PT-Programmable Thermostat,	
a. Under Attic	R=30.0, 2200.0 ft ²	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 50.0 ft		
b. N/A			

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

Builder Signature: _____ Date: _____

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



***NOTE:** The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStarTM designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs Energy Gauge (Version: FLR1PB v3.22)

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:ISR0487-Z0104140045

Truss Fabricator: Anderson Truss Company
Job Identification: 5-412-CADY HOMES-LOT#79 CALLAWAY III
Truss Count: 54
Model Code: Florida Building Code
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Versions 7.04, 7.20, 7.10.
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
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: 10/04/2005

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

#	Ref	Description	Drawing#	Date
1	83069--A1		05276069	10/03/05
2	83070--A2		05276054	10/03/05
3	83071--A3		05276070	10/03/05
4	83072--A4		05276071	10/03/05
5	83073--A5		05276072	10/03/05
6	83074--A6		05276073	10/03/05
7	83075--B1		05276074	10/03/05
8	83076--B2		05276055	10/03/05
9	83077--B3		05276056	10/03/05
10	83078--B4		05276075	10/03/05
11	83079--B5		05276076	10/03/05
12	83080--C1		05276079	10/03/05
13	83081--C2		05276080	10/03/05
14	83082--C3G		05276107	10/03/05
15	83083--C4		05276081	10/03/05
16	83084--D1-GE		05276109	10/03/05
17	83085--D2		05276057	10/03/05
18	83086--HJ7		05276082	10/03/05
19	83087--EJ7		05276058	10/03/05
20	83088--J5		05276059	10/03/05
21	83089--J3		05276060	10/03/05
22	83090--J1		05276083	10/03/05
23	83091--HJ7A		05276084	10/03/05
24	83092--EJ7A		05276061	10/03/05
25	83093--J5A		05276062	10/03/05
26	83094--J3A		05276063	10/03/05
27	83095--J7A1		05276064	10/03/05
28	83096--J7A2		05276085	10/03/05
29	83097--HJS		05276086	10/03/05
30	83098--EJS		05276087	10/03/05
31	83099--J5S		05276088	10/03/05
32	83100--J3S		05276065	10/03/05
33	83101--J1S		05276089	10/03/05
34	83102--J7C		05276066	10/03/05
35	83103--EJX		05276090	10/03/05
36	83104--HJX		05276091	10/03/05

#	Ref	Description	Drawing#	Date
37	83105--K1		05276092	10/03/05
38	83106--K2		05276067	10/03/05
39	83107--AP1		05276093	10/03/05
40	83108--AP2		05276110	10/03/05
41	83109--AP3		05276094	10/03/05
42	83110--AP4		05276095	10/03/05
43	83111--AP5		05276111	10/03/05
44	83112--AP6		05276096	10/03/05
45	83113--BP1		05276097	10/03/05
46	83114--BP2		05276098	10/03/05
47	83115--BP3		05276099	10/03/05
48	83116--R1-GE		05276100	10/03/05
49	83117--R2		05276068	10/03/05
50	83118--R3		05276101	10/03/05
51	83119--R4		05276102	10/03/05
52	83120--S1		05276104	10/03/05
53	83121--S2		05276103	10/03/05
54	83122--X1		05276114	10/03/05



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:1SR1487-Z0105143809

Truss Fabricator: Anderson Truss Company
Job Identification: 5-412-CADY HOMES-LOT#79 CALLAWAY III
Truss Count: 1
Model Code: Florida Building Code
Truss Criteria: ANSI/TPI-2002(STD)
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
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	97456--J7C		05278001	10/05/05



Seal Date: 10/05/2005

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

ALPINE



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:1SR0487-Z0404094624

Truss Fabricator: Anderson Truss Company
Job Identification: 5-412-CADY HOMES-LOT#79 CALLAWAY III
Truss Count: 1
Model Code: Florida Building Code
Truss Criteria: ANSI/TPI-2002(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
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	86885--S1		05277001	10/04/05



Seal Date: 10/04/2005

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

ALPINE



Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Page 1 of 1 Document ID:1SR0487-Z0104140045

Truss Fabricator: Anderson Truss Company
Job Identification: 5-412-CADY HOMES-LOT#79 CALLAWAY III (5-412|-5-412-CADY HOMES-LOT#79 CALLAWAY III)
Truss Count: 5
Model Code: Florida Building Code
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Versions 7.04, 7.20, 7.10.
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
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: 10/04/2005

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

Revised Trusses

#	Ref	Description	Drawing#	Date
1	83084--D1-GE		05276109	10/03/05
2	83102--J7C		05276066	10/03/05
3	83116--R1-GE		05276100	10/03/05
4	83120--S1		05276104	10/03/05
5	83122--X1		05276114	10/03/05

ALPINE



Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Page 1 of 1 Document ID:1SR0487-Z0404094624

Truss Fabricator: Anderson Truss Company
Job Identification: 5-412-CADY HOMES-LOT#79 CALLAWAY III (5-412|-CADY HOMES-LOT#79 CALLAWAY III)
Truss Count: 1
Model Code: Florida Building Code
Truss Criteria: ANSI/TPI-2002(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
- 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: 10/04/2005

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

Revised Trusses

#	Ref	Description	Drawing#	Date
1	86885--S1		05277001	10/04/05

ALPINE



[illegible]

(B) 2x8 SP #3 or better "T" brace, 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5", min.) nails @ 6" OC.

Left side jacks have 7-0-0 setback with 0-0-0 cant and 1-4-0 overhang.
End jacks have 7-0-0 setback with 0-0-0 cant and 1-4-0 overhang. Right side jacks have 0-0-0 setback with 0-0-0 cant and 0-0-0 overhang.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



-34-0-0 Over 2 Supports

08RTHU/ENVISF/PISCHEX/TV.1 ELI-ALI-I-IP/

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLATION AND BRACING. REFER TO BC31 3-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO 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.



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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. 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. APPLY PLATES TO EACH FACE OF TRUSSES AND UNLESS OTHERWISE LOCATED ON THIS SPECIFICATION, GALV. STEELING. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF TPI-1-2002 SEC.3. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT AND USE OF THIS COMMENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEX 1.1. SEE



TC LL	20.0	PSF	REF R487 -- 83069
TC DL	10.0	PSF	DATE 10/03/05
BC DL	10.0	PSF	DRW HCUSR487 05276069
BC LL	0.0	PSF	HC-ENG DF/AF
TOT.LD.	40.0	PSF	SEQN- 40357
DUR.FAC.	1.25		
SPACING	SEE ABOVE		JREF- 1SR0487 Z01

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



oct 04 '05

TC LL	20.0	PSF	REF	R487 --	83070
TC DL	10.0	PSF	DATE	10/03/05	
BC DL	10.0	PSF	DRW	HCUSR487	05276054
BC LL	0.0	PSF	HC-ENG	DF/AF	*
TOT.LD.	40.0	PSF	SEQN	40374	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	1SR0487	Z01

Top	chord	2x4	SP	#2	Dense
Bot	chord	2x4	SP	#2	Dense
	webs	2x4	SP	#3	:W11,
:Lt	wedge	2x6	SP	#2:	

110 mph wind, 13.24 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

Right end vertical not exposed to wind pressure.

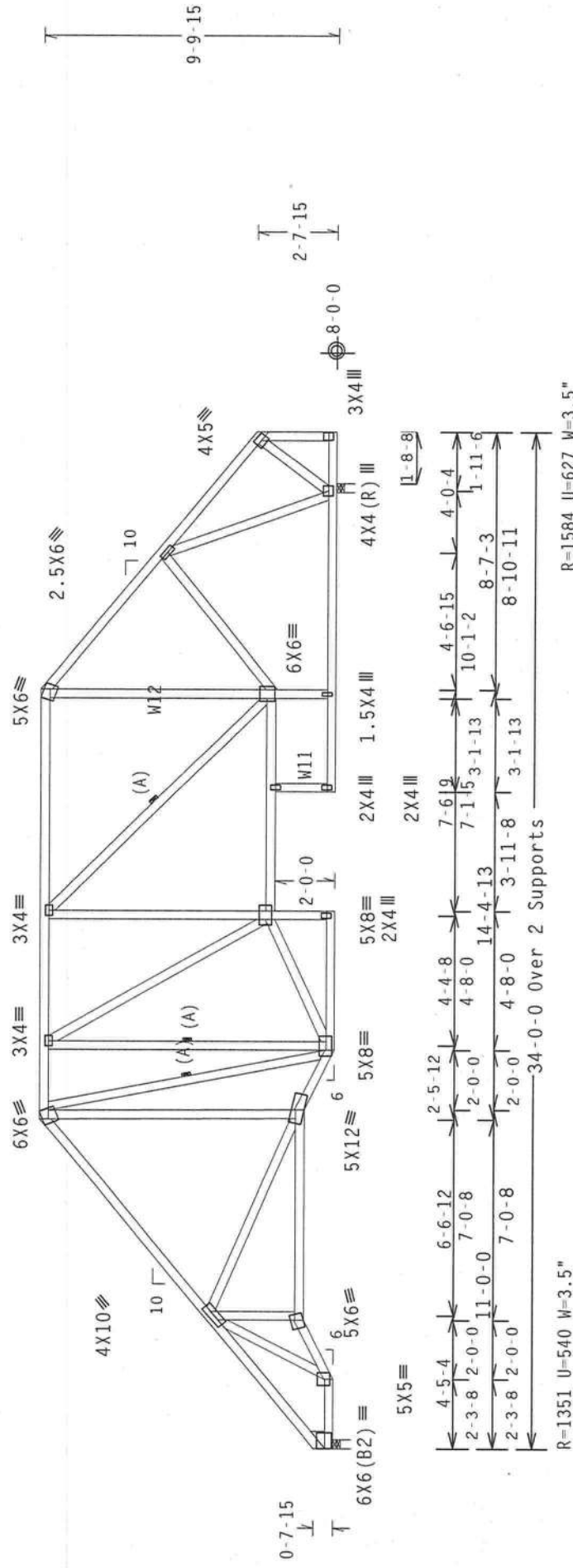
(A) Continuous lateral bracing equally spaced on member. Or 1x4 SP #3 or better "T" brace. 80% length of web member. Attached with 8d Box or Gun (0.113"x2.5" min.) nails @ 6" OC.

Calculated horizontal deflection is 0.31" due to live load and 0.55" due to dead load.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

LATERALLY BRACE BOTTOM CHORD ABOVE FILLER AT 24" O.C., INCLUDING A LATERAL BRACE AT CHORD ENDS.

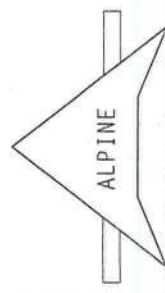


PLT TYP.: Wave

Design Crit: TPI-2002 (STD) / FRC

7-04-06
UNIVERSITY OF SHEFFIELD LIBRARY
CENTRE FOR THE STUDY OF
THE HISTORY OF SCIENCE

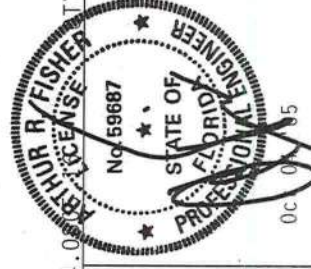
Scale = .1875"/Ft.



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

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING TO PREVENT DAMAGE TO THE TRUSS. THE FOLLOWING COMPONENT INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 S. 6000th, P.O. BOX 137, DENVER, CO 80202), TRUSS COUNCIL OF AMERICA (TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE IN 905000, DENVER, CO 80202), AND TPI (TRUSS PLATE INSTITUTE, 503 S. 6000th, P.O. BOX 137, DENVER, CO 80202), IS NOT TO BE USED FOR PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

* IMPORTANT * FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERS' PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM 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 MOST NATIONAL DESIGN SPEC. BY AISC AND ALPINE DESIGN CODES. ALL TRUSSES ARE DESIGNED TO BE USED AS PERMANENT FORMWORK. THEREFORE, ALL PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS POSITION PER DRAWINGS, TOOL JOINTS, ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A.3 OF TPI-24092 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF THIS PROJECT. NO USE OF THIS COMMENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. PER ANNEC. C. SEC. 1.



TC LL	20.0	PSF	REF	R487--	83071
TC DL	10.0	PSF	DATE	10/03/05	
BC DL	10.0	PSF	DRW	HCUSR487	05276070
BC LL	0.0	PSF	HC-ENG	DF/AF	
TOT.LD.	40.0	PSF	SEQN-	40399	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	1SR0487	Z01

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W8, W9 2x4 SP #2 Dense:
:Lt Wedge 2x6 SP #2:

110 mph wind, 13.24 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

Right end vertical not exposed to wind pressure.

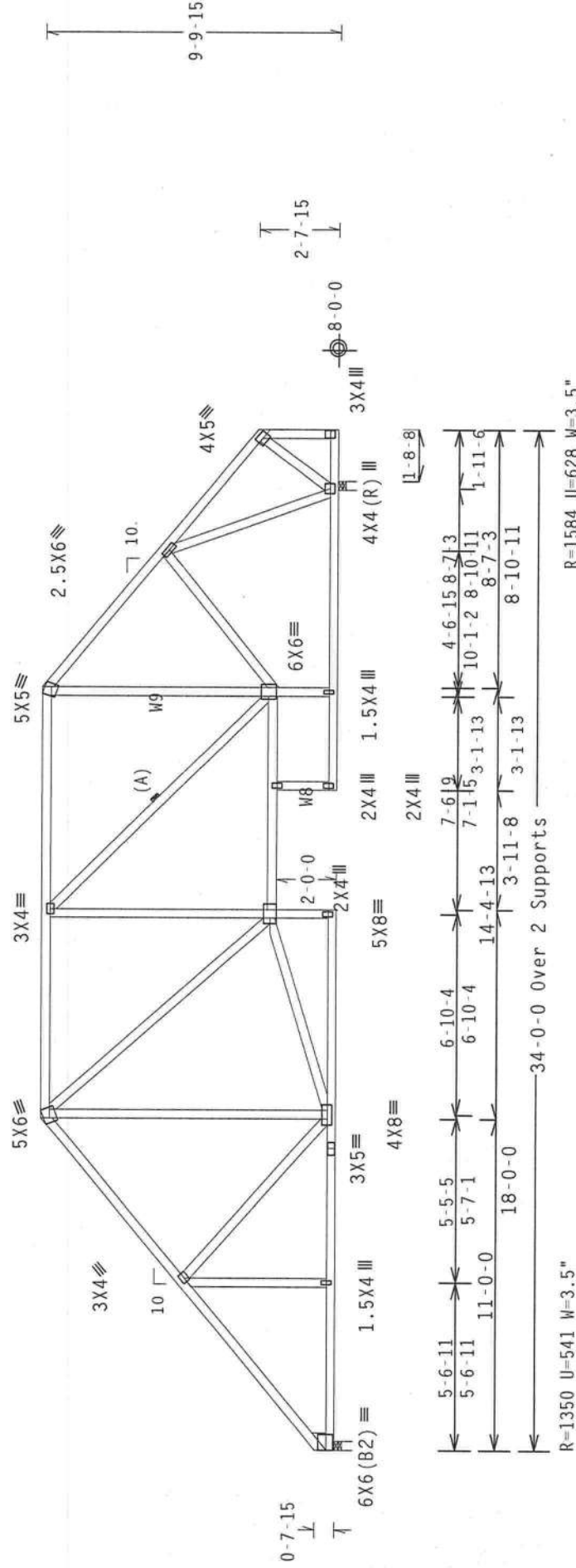
(A) Continuous lateral bracing equally spaced on member.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

Calculated horizontal deflection is 0.29" due to live load and 0.50" due to dead load.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

LATERALLY BRACE BOTTOM CHORD ABOVE FILLER AT 24" O.C., INCLUDING A LATERAL BRACE AT CHORD ENDS.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

7-04-08
THURSDAY, FEBRUARY 7, 2008
FISHES

Scale = .1875"/Ft.

TC LL	20.0	PSF	REF	R487 --	83072
TC DL	10.0	PSF	DATE	10/03/05	
BC DL	10.0	PSF	DRW	HCUSR487	05276071
BC LL	0.0	PSF	HC-ENG	DF/AF	
TOT.LD.	40.0	PSF	SEQN-	40415	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	1SR0487	Z01



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Top	chord	2x4	SP	#2	Dense
Bot	chord	2x4	SP	#2	Dense
	webs	2x4	SP	#3	:W10

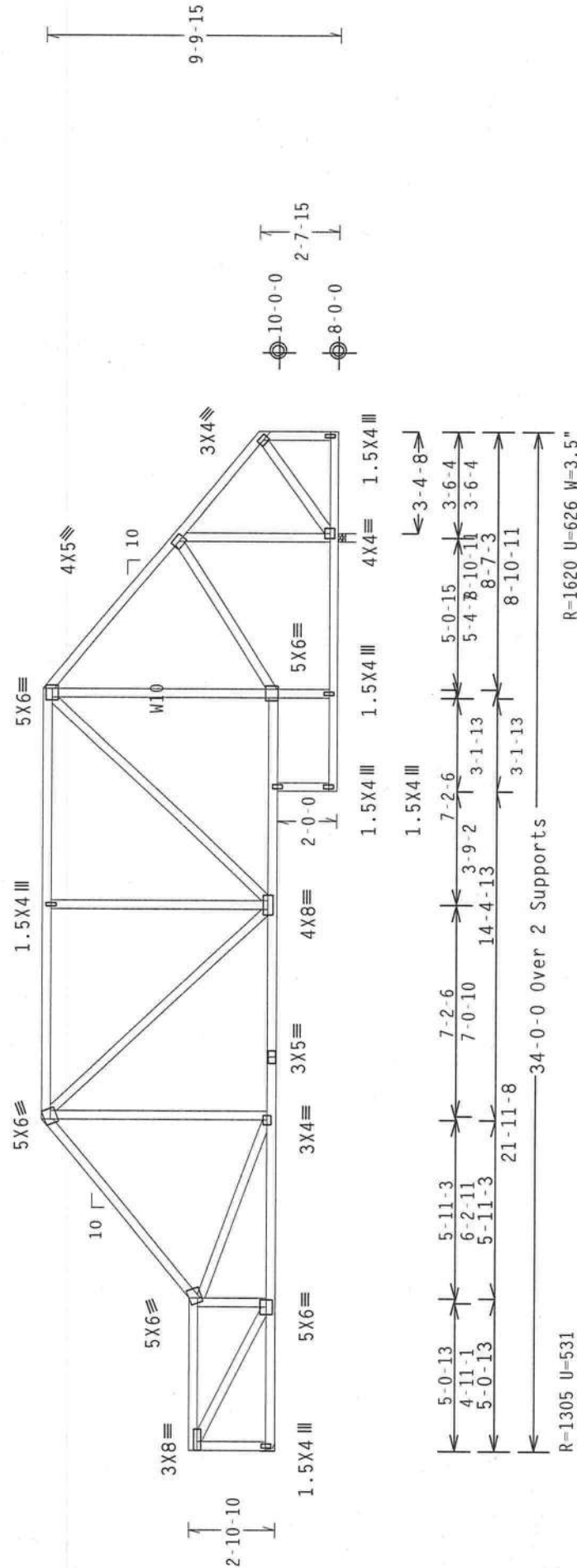
110 mph wind, 14.24 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

End verticals not exposed to wind pressure.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

LATERALLY BRACE BOTTOM CHORD ABOVE FILLER AT 24" O.C., INCLUDING A LATERAL BRACE AT CHORD ENDS.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/ERC

7 04 08

OTV-A E11-1A1-1-1D1-

Scale = .1875"/Ft.



WARNING—TRUSSES REQUIRING EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND DRACING. REFER TO BC51-1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 5683 W. 90TH DR., SUITE 200, MADISON, WI 53719), AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE DR., 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 TOP CHORD GIRDLE CELL.

* IMPORTANT - *FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERS & TRUSSES, 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 CONDITIONS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AF&PA) AND TP1. ALL PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN SECTION. A SEAL ON EACH PLATE. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX 4 OF TP1-2002 SECTION 3.

BREATHING INDICATOR. ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT AND USE OF THIS COMMENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. NEW ANGLE IRON



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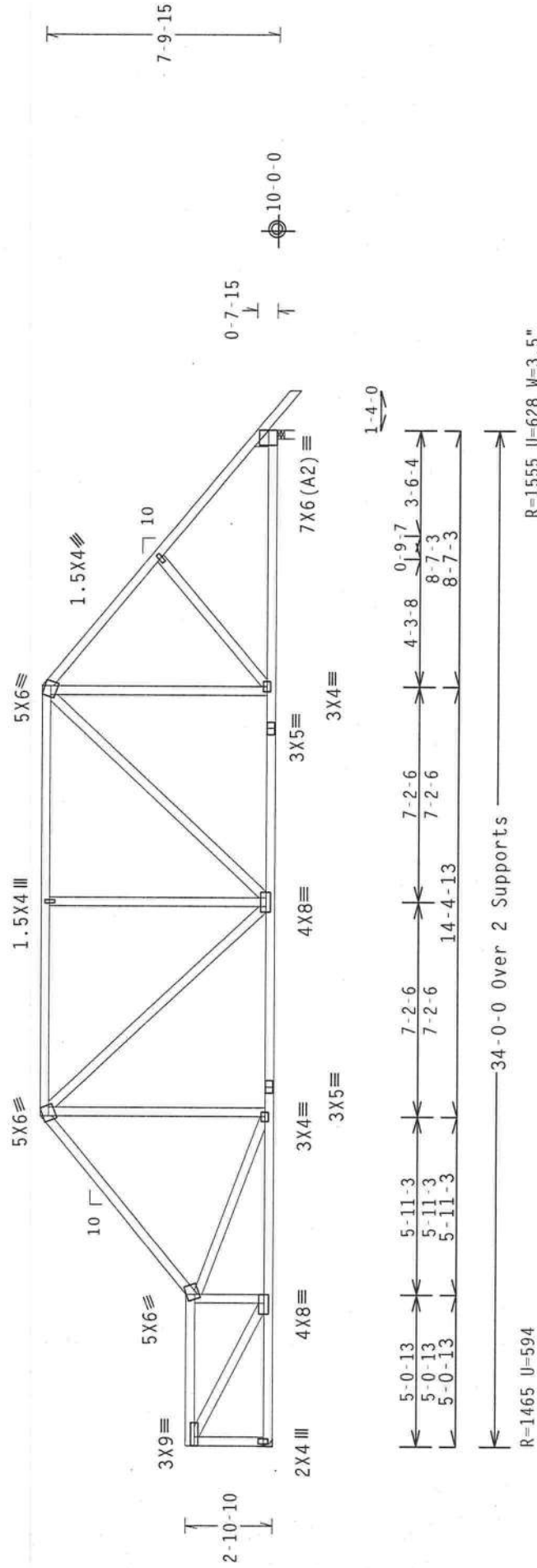
REF- 1SR0487 701

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

110 mph wind, 13.69 ft mean ht., ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

Left end vertical not exposed to wind pressure.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FRC

7 04 08 THUR R. FISH TV: 6 ELI - 14 - 1 - 181

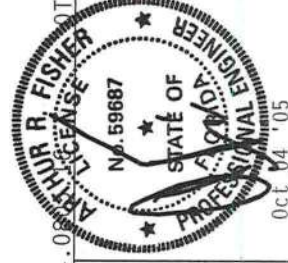
Scale = .1875" / Ft.



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WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESS 1-303 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 183 O'DONNIP DRI., SOUTE 200, MADISON, WI 53719) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., SUITE 300, WESTPORT, CT 06880) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE POSITIVELY ATTACHED STRUCTURAL PALS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED, TIGHT CUPPING.

[illegible]

TC LL	20.0	PSF	REF	R487--	83074
TC DL	10.0	PSF	DATE	10/03/05	
BC DL	10.0	PSF	DRW	HCUSR487	05276073
BC LL	0.0	PSF	HC-ENG	DF/AF	
TOT.LD.	40.0	PSF	SEQN-	40460	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	1SR0487	701

Haines City, FL 33844
EI Certificate of Authorization # 567

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

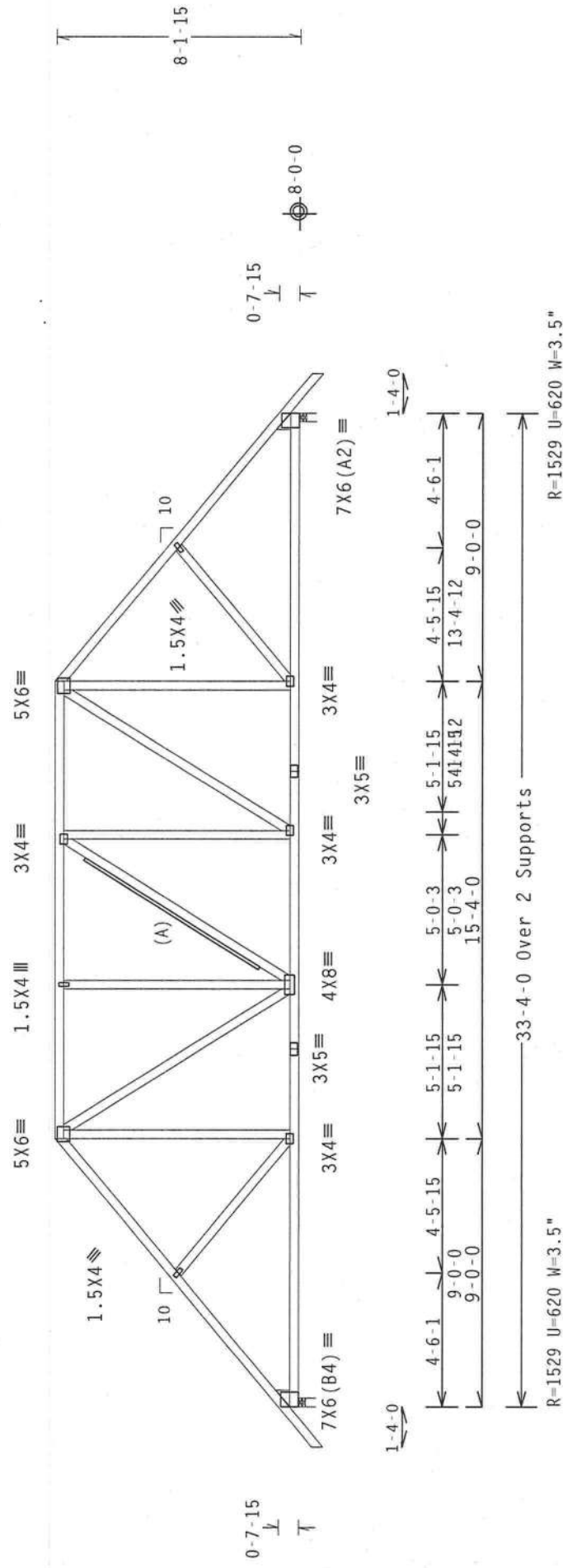
110 mph wind, 11.86 ft mean hgt., ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

: Lt Wedge 2x6 SP #2:: Rt Wedge 2x6 SP #2::

(A) 1x4 SP #3 or better "T" brace, 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

7.04.09

TY:1 FL/-/4/-/-/R/-/

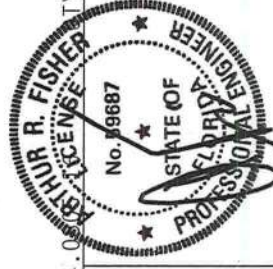
Scale = .1875"/Ft.



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[illegible]

*****IMPORTANT****—FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DETAILATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE NATIONAL DESIGN SPECIFICATION FOR STEEL AND THE CONNECTOR PLATES ARE MADE OF 70/10/166A W/45/35 ASTM A653 GRADE 40/50 (1/4" & 1/2" GALV. 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 AMBX 43 OF 1911-2002 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 AMBX 1/TP1 1 SEC. 2.



Oct 04 '05

TC LL	20.0	PSF	REF	R487--	83076
TC DL	10.0	PSF	DATE	10/03/05	
BC DL	10.0	PSF	DRW	HCUSR487	05276055
BC LL	0.0	PSF	HC-ENG	DF/AF	*
TOT.LD.	40.0	PSF	SEQN-	11912	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	1SR0487_Z01	

: Lt Wedge 2x6 SP #2:: Rt Wedge 2x6 SP #2::

(A) 1x4 SP #3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

Scale = .1875"/Ft.

REF	R487 - - 83077
-----	----------------

REF R487 - - 83077

DATE 10/03/05

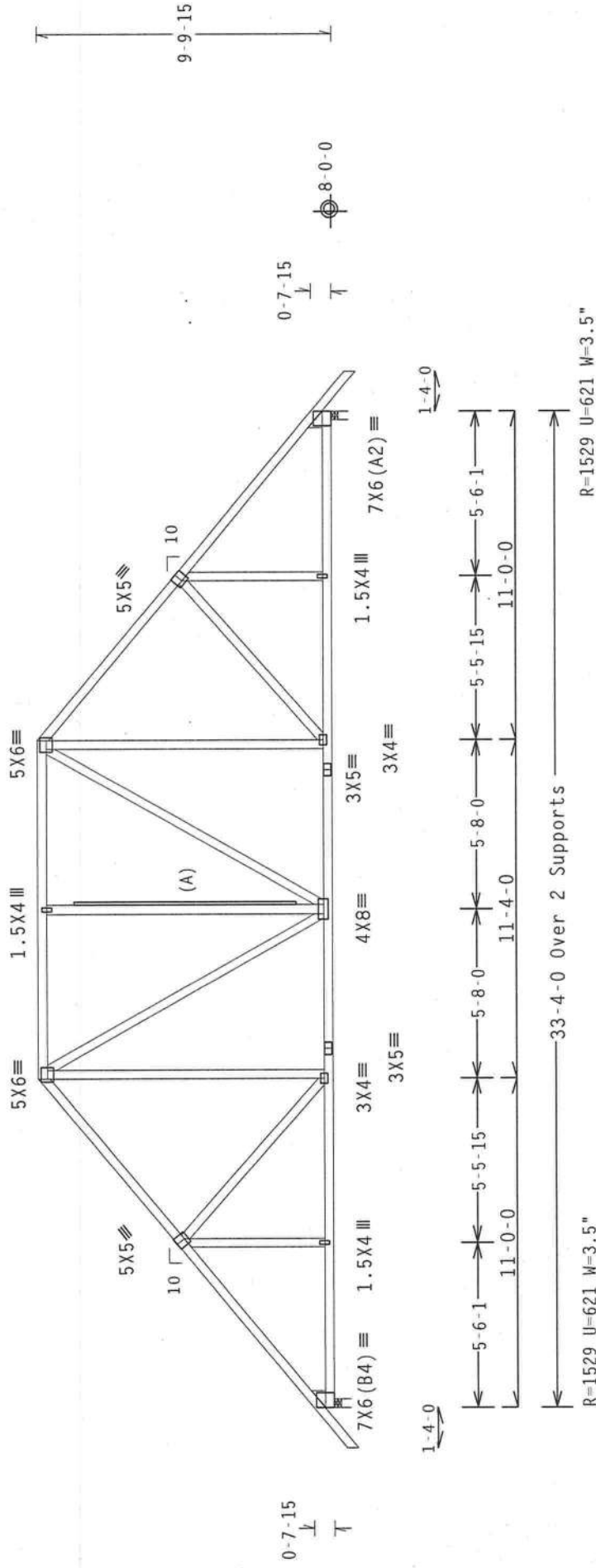
DRW HCUSR487 05276056

HC-ENG DF/AF	*
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SEQN- 40344

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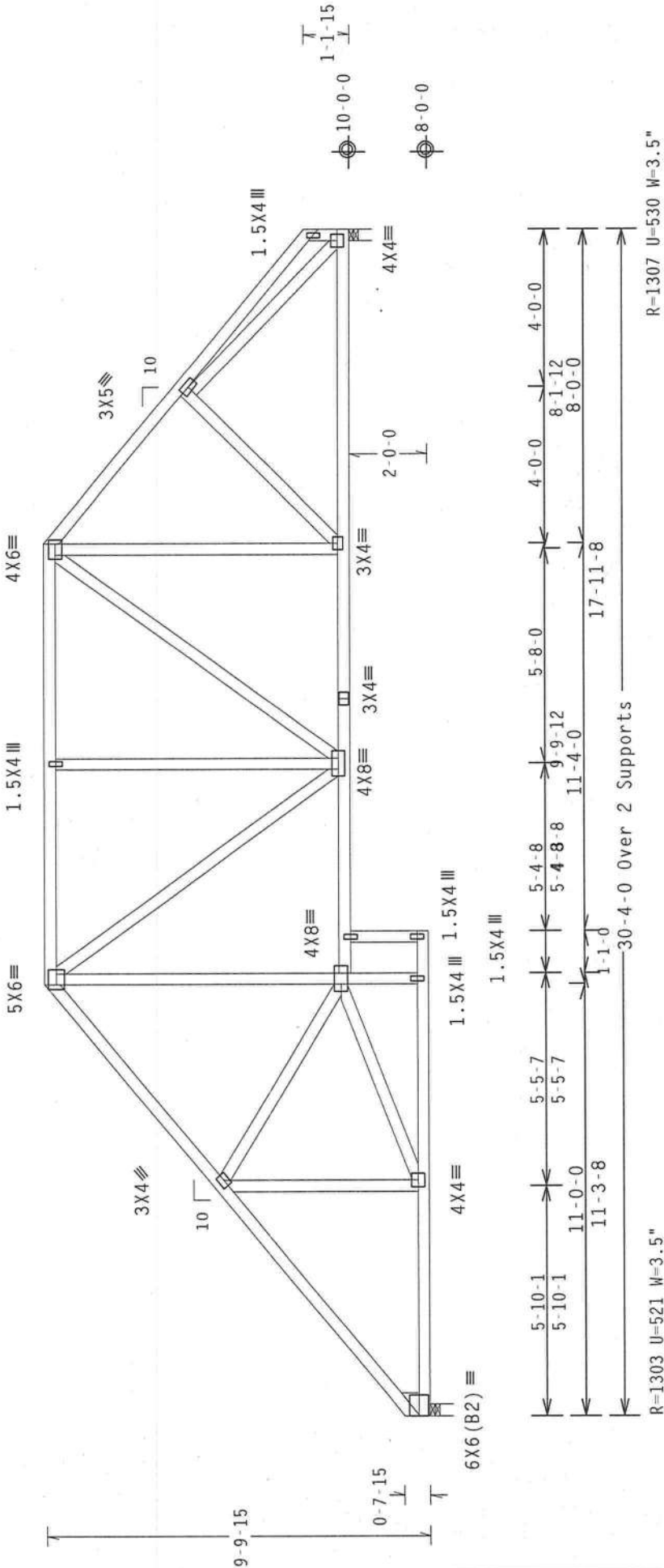
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Lt Wedge 2x6 SP #2:

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

LATERALLY BRACE BOTTOM CHORD ABOVE FILLER AT 24" O.C., INCLUDING A LATERAL BRACE AT CHORD ENDS.

110 mph wind, 13.24 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

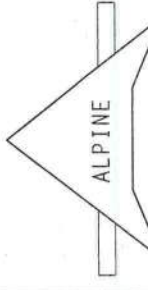
7.04.08

TY:1 FL/-/4/-/R/-

Scale =.25"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719), AND MTCA (WOOD TRUSS COUNCIL OF AMERICA, 6000 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING OR BRACING THE TRUSS DESIGN CONFORMS WITH THE FOLLOWING: PROVISIONS OF THE NATIONAL BUILDING CODE (NBC) AND THE NATIONAL TRUSS MANUFACTURING ASSOCIATION (NTMA) DESIGN SPECIFICATIONS FOR WOOD TRUSSES. 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.



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

ET Certificate of Authorization # 5457



TC LL	20.0 PSF	REF	R487 --	83078
TC DL	10.0 PSF	DATE	10/03/05	
BC DL	10.0 PSF	DRW	HCUSR487	05276075
BC LL	0.0 PSF	HC-ENG	DF/AF	
TOT.LD.	40.0 PSF	SEQN-	40504	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1SR0487_Z01	

110 mph wind, 14.49 ft mean hgt., ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

Calculated horizontal deflection is 0.10" due to live load and 0.17" due to dead load.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

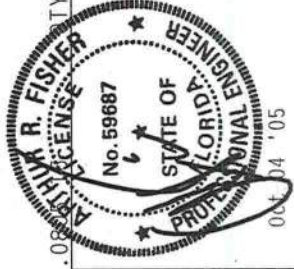
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Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

TY:4 FL/-/4/-/-/R/-

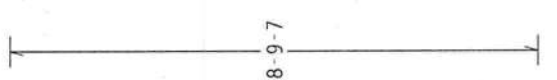


ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TP11-2002 SEC. 3. A SEAL ON THIS BRACING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TP1 1 SEC. 2.

TC LL	20.0	PSF	REF R487 -- 83079
TC DL	10.0	PSF	DATE 10/03/05
BC DL	10.0	PSF	DRW HCUR487 05276076
BC LL	0.0	PSF	HC-ENG DF/AF
TOT.LD.	40.0	PSF	SEQN- 40602
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1SR0487_Z01

James City, IL 55044
Certificate of Authentication # 557

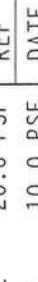
Right end vertical not exposed to wind pressure.



4'-9'-10" 9'-3'-12" 9'-9'-0" 0'-1'-12"

R=405 U=180 W=3.5" R=434 U=383 W=3.5"

7.04.09
COUNTY: 2 FL / - / 4 / - / - / R / - Scale = .3125" / Ft.



Alpine Engineering Products, Inc.
1950 Mauley Drive
Haines City, FL 33844

****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'AMORELO DR., SUITE 200, MAHONSON, WI 53719) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MAHONSON, WI 53719) FOR SAFETY PRACTICES PERTAINING 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 TRUSSES IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES: DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/PDA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/106GA. (H/S/S) ASTM A653 GRADE 40/60 (H, K/M, S) GALV. STEEL. APPL. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER ORAMENTS 1 & 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AREA AS OF 1/11/2008 REC-23. (2) SHALL BE PER AREA AS OF 1/11/2008 REC-23. WRAMING INDICATES. ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SHOWN FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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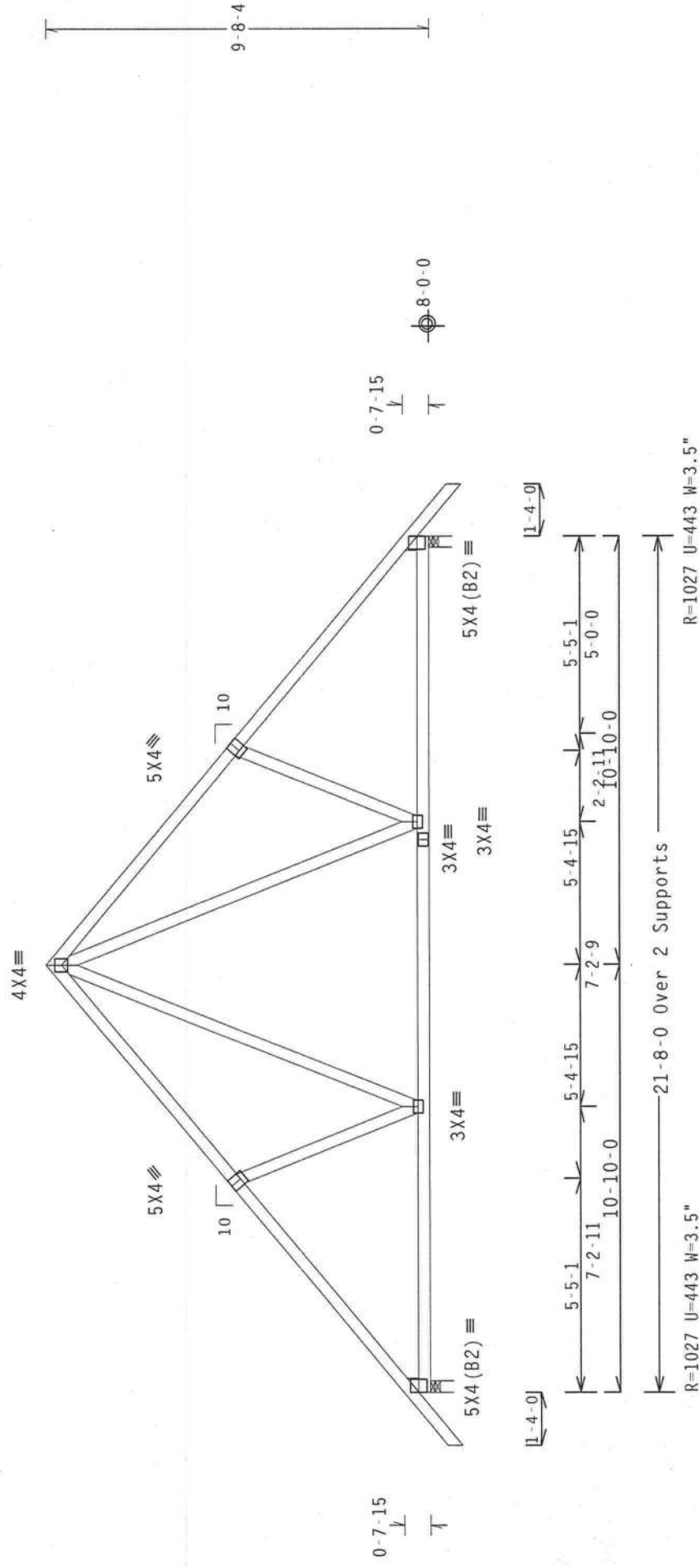
[illegible]

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

: Lt Wedge 2x4 SP #3:: Rt Wedge 2x4 SP #3:

110 mph wind, 12.62 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



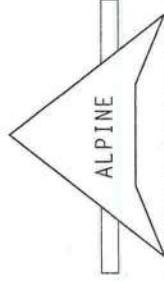
PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

7.04.08

QTY:11 FL/-/4/-/-/R/-

Scale = .25"/Ft.

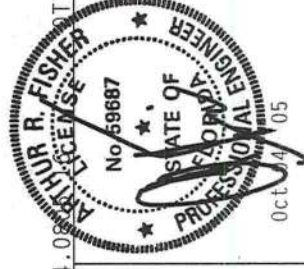


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Haines City, FL 33844

El Certificate of Authorization # 567

*WARNING** TROSSES REQUIRE EXTREME CARE IN FABRICATION, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES FOR THE DESIGN OF TRUSSES. THE FOLLOWING LISTED FIRMS ARE THE ONLY FIRMS PLANNED BY THE PROJECT ARCHITECTS TO BE USED FOR THIS PROJECT. ALL OTHER FIRMS MUST BE APPROVED BY THE PROJECT ARCHITECTS PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, ALL FIRMS ARE LOCATED AT 6000 ENTERPRISE LN., MADISON, WI 53719.

TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED TOP CHORD CEILING.

[illegible]

TC LL	20.0 PSF	REF R487 -- 83085
TC DL	10.0 PSF	DATE 10/03/05
BC DL	10.0 PSF	DRW HCUR487 05276057
BC LL	0.0 PSF	HC-ENG DF/AF *
TOT.LD.	40.0 PSF	SEQN- 40287
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SR0487 Z01

(5-412-CADY HOMES-LOT#79 CALLAWAY III - HJ7)

Top chord 2x4 SP #2 Dense

Bot chord 2x4 SP #2 Dense

Web 2x4 SP #3

:Lt Wedge 2x6 SP #2:

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg. Located anywhere in roof, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

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.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

Diagram details: Top chord 1.5X4, bottom chord 5X4 (B2), vertical height 7.07, horizontal dimensions 5-0-5, 9-7-10, 4-10-8, 0-3-2, 9-10-13 Over 3 Supports, R=454 U=255 W=4.95", R=275 U=204, R=385 U=180, 0-7-8, 14-1-7, 6-5-8, 8-0-0.

PLT TYP. Wave

ALPINE

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

Professional Engineer # 4247

Design Crit: TPI-2002(STD)/FBC

7.04.08

TY:5

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

Scale = .375"/Ft.

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

SEE ABOVE

REF

R487 -- 83086

DATE

10/03/05

DRW

HCUSR487 05276082

HC-ENG DF/AF

SEQN

11836

JREF

1SR0487_Z01

(5-412-CADY HOMES-LOT#79 CALLAWAY III - HJ7)

Top chord 2x4 SP #2 Dense

Bot chord 2x4 SP #2 Dense

Web 2x4 SP #3

:Lt Wedge 2x6 SP #2:

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg. Located anywhere in roof, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

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.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

Diagram details: Top chord 1.5X4, bottom chord 5X4 (B2), vertical height 7.07, horizontal dimensions 5-0-5, 9-7-10, 4-10-8, 0-3-2, 9-10-13 Over 3 Supports, R=454 U=255 W=4.95", R=275 U=204, R=385 U=180, 0-7-8, 14-1-7, 6-5-8, 8-0-0.

PLT TYP. Wave

ALPINE

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

Professional Engineer # 4247

Design Crit: TPI-2002(STD)/FBC

7.04.08

TY:5

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

Scale = .375"/Ft.

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

SEE ABOVE

REF

R487 -- 83086

DATE

10/03/05

DRW

HCUSR487 05276082

HC-ENG DF/AF

SEQN

11836

JREF

1SR0487_Z01

(5-412-CADY HOMES-LOT#79 CALLAWAY III - EJ7)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
:Lt Wedge 2x4 SP #3:

110 mph wind, 11.02 ft mean hgt, ASCE 7-98, CLOSED bldg. Located anywhere in roof, CAT II, Exp C, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Dead loads are stated on projected horizontal area basis.

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.

Roof overhang supports 2.00 psf soffit load.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

7.04.08

TY:23

FL/-4/-/-R/-

Scale = .375"/Ft.

Alpine Engineering Products, Inc.
1950 Marley Drive
Haines City, FL 33844
Professional Engineer # 227

****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, 503 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR 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 AIAA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2014/T6064 (W-175/175) ASTM A653 GRADE 40/60 (H, P, F, S) GALV. STEEL. ALL PLATES SHALL BE INSPECTED AND APPROVED BY AN INSPECTOR OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE

Alpine Engineering Products, Inc.
1950 Marley Drive
Haines City, FL 33844
Professional Engineer # 227

THUR R. FISHER
LICENSE
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
OC 01/05

REF R487 -- 83087
DATE 10/03/05
DRW HCUSR487 05276058
HC-ENG DF/AF
SEQN- 40295
DUR.FAC. 1.25
SPACING 24.0"

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
: Lt Wedge 2x4 SP #3:

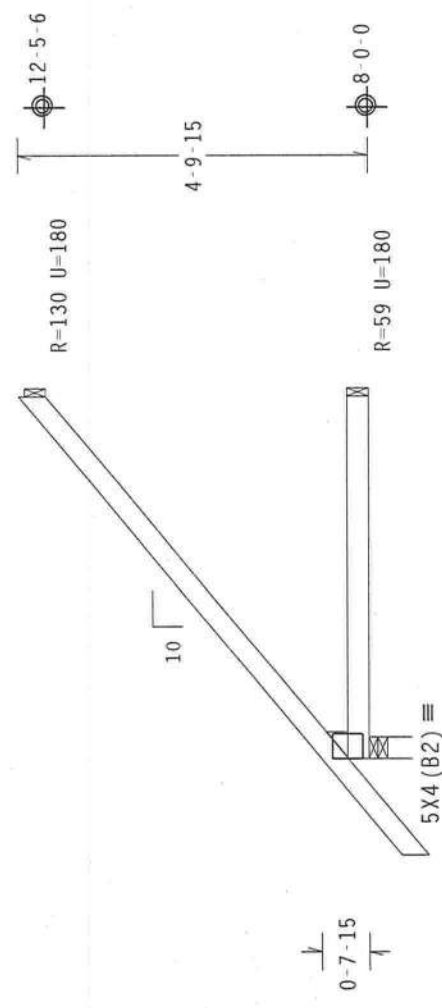
110 mph wind, 10.19 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Roof overhang supports 2.00 psf soffit load.

Dead loads are stated on projected horizontal area basis.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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.

 $\sqrt{1-4-0}$

5-0-0 Over 3 Supports $\rightarrow$
R=297 U=180 W=3.5"

PLT TYP. Wave

Design Crit: $TPI-2002(STD)/FBC$

7.0

PROPERTY: 10 FL / - / 4 / - / - / R / -

Scale = .375"/Ft.

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

Alpine

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RC31 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD OR USE THE TRUSS SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. CALLING OR MODIFYING OF THIS DESIGN SHALL BE AT THE USER'S RISK. PROVIDE THE FOLLOWING INFORMATION TO THE INSTALLATION CONTRACTOR: 1. ALL ALPINE CONNECTOR PLATES ARE MADE OF 20/10/10GA (W/H/S/K) ASTM A653 GRADE 40/40 (W, K/H/S) GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMPS 43 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 AMPS/TP1 1 SEC. 2.

PROFESSIONAL ENGINEER
STATE OF FLORIDA
No. 59687

Oct 04 '05

TC LL	20.0 PSF	REF	R487 - -	83088
TC DL	10.0 PSF	DATE	10/03/05	
BC DL	10.0 PSF	DRW	HCUSR487	05276059
BC LL	0.0 PSF	HC-ENG	DF /AF	*
TOT.LD.	40.0 PSF	SEQN-	40298	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1SR0487	Z01

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
: Lt Wedge 2x4 SP #3:

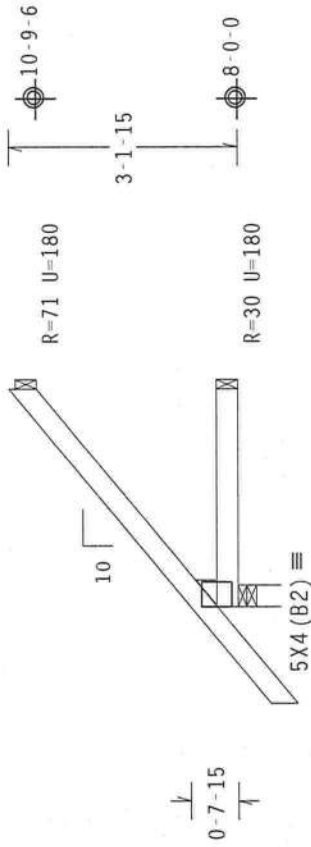
110 mph wind, 9.36 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Roof overhang supports 2.00 psf soffit load.

Dead loads are stated on projected horizontal area basis.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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.



L¹⁻⁴⁻⁰ 3'-0" Over 3 Supports R=224 U=180 W=3.5"

PLT TYP. Wave

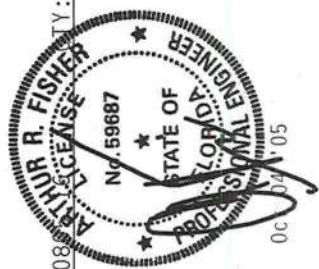
Design Crit: TPI-2002(STD)/FBC

7.04.08

FLTY:10 FL/-/4/-/-/R/-

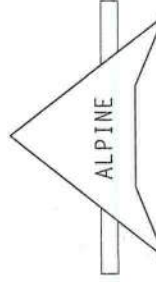
Scale = .375"/Ft.

TC LL	20.0	PSF	REF	R487--	83089
TC DL	10.0	PSF	DATE	10/03/05	
BC DL	10.0	PSF	DRW	HCUSR487	05276060
BC LL	0.0	PSF	HC-ENG	DF/AF	*
TOT.LD.	40.0	PSF	SEQN-	40301	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	1SR0487	Z01



*WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO SPEC 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLAN INSTITUTE, 593 D'AMORE 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. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DETAILATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS CORRECTLY WILL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. CALLING OUT THE TRUSS DESIGN TO CONFORM WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIAA) AND TPI ALPINE CONNECTOR PLATES ARE MADE OF 20/19/16GA (A575/A575 GRADE 40/60 (A, E/F/H/S) GALV. 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 A.3 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 AIAA/TPI A SEC. 2.

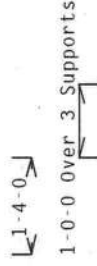


Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844

110 mph wind, 8.52 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Dead loads are stated on projected horizontal area basis.

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.



R=182 U=180 W=3.5"

Design Crit: TPI-2002(STD)/FBC

7.04.0

PROPERTY: 12 FL/-/4/-/-/R/-

Scale = .375"/Ft.



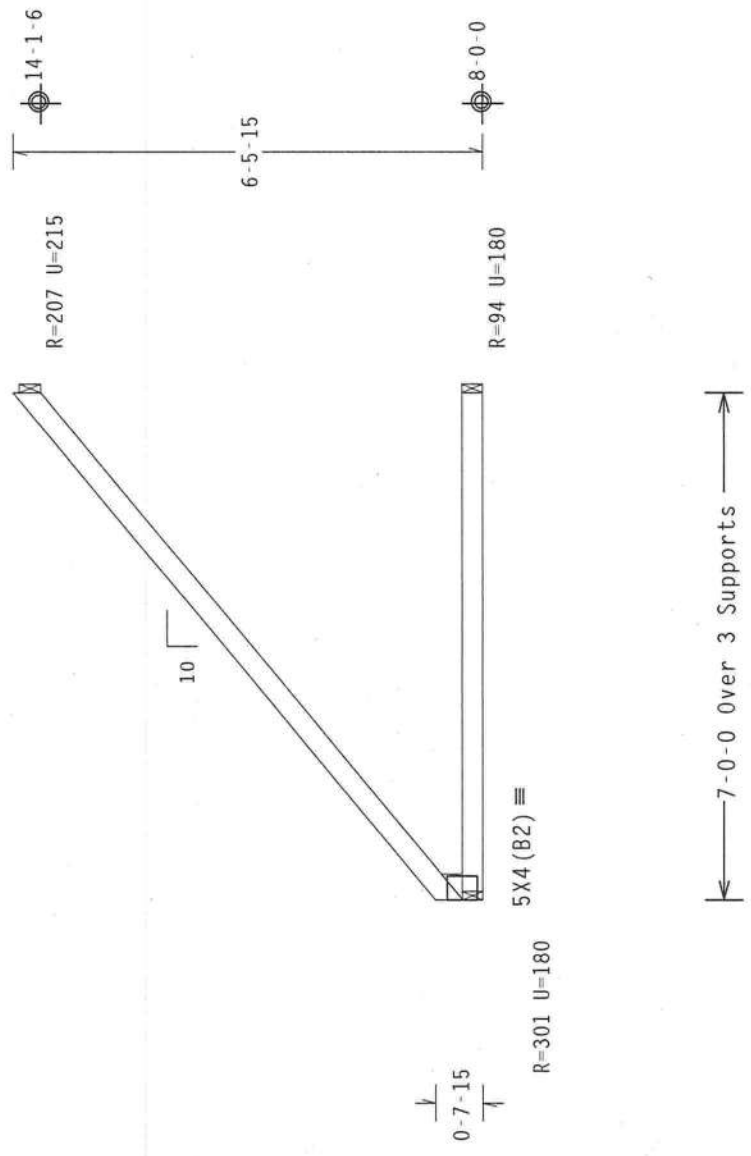
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TP11-2002 SEC.3, A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TP11.1 SEC. 2.

Haines City, FL 33844
EI Certificate of Authorization # 567

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
: Lt Wedge 2x4 SP #3:

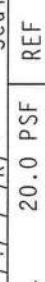
110 mph wind, 11.58 ft mean ht, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



7-0-0 Over 3 Supports

PLT TYP. Wave



ALPINE

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

Design Crit: TPI-2002(STD)/FBC

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****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO FOLLOW THE DESIGN OR TO OBTAIN THE NECESSARY PERMITS PRIOR TO INSTALLING A TRUSS. THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE NATIONAL DESIGN SPEC. FOR STEEL AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/160GA (IN W/1/2) ASTM A563 GRADE 40/60 (IN 6/16 S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMEX 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.

7.04.06

FL / - / 4 / - / R / -

Scale = .375" / Ft.

REF R487 - - 83092

DATE 10/03/05

DRW HCUSR487 05276061

HC-ENG DF / AF

SEQN - 11840

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"

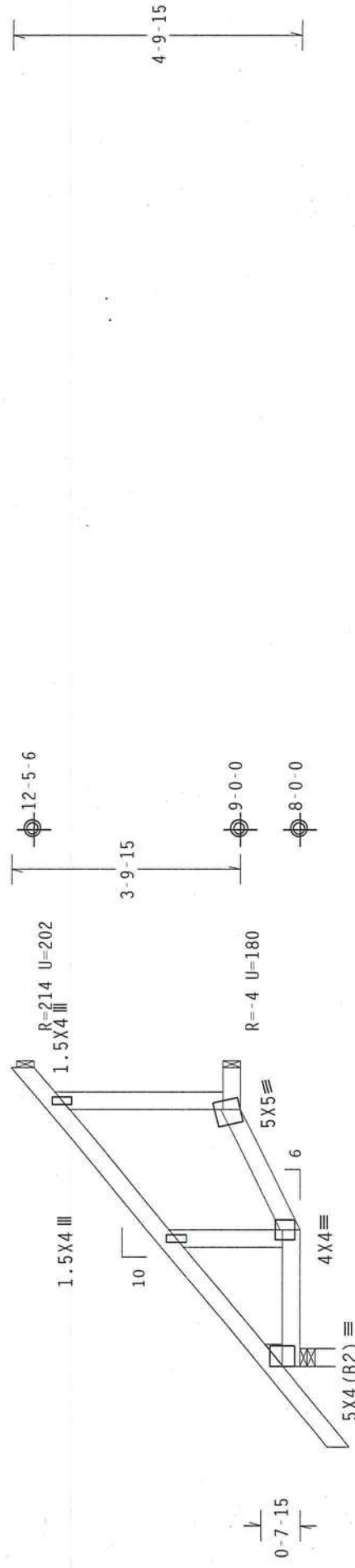
JREF - 1SR0487_Z01

Top	chord	2x4	SP	#2	Dense
Bot	chord	2x4	SP	#2	Dense
	webs	2x4	SP	#3	
:Lt	Wedge	2x4	SP	#3:	

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.

110 mph wind, 10.19 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



1-4-0

2-3-8 2-0-0 0-8-8

R=319 U=180 W=3.5"

PLT TYP. Wave

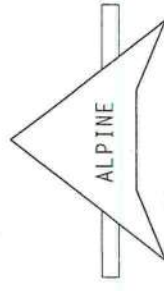
Design Crit: TPI-2002(STD)/FBC

7

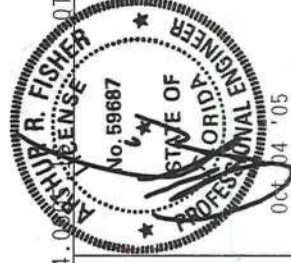
Scale = 375" / Ft

[illegible]

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERS
PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE
TRUSS IN CONFORMANCE WITH TPT; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES,
DESIGNER COMPLIES WITH ALL PROVISIONS OF HIS NATIONAL DESIGN SPEC., BY AFPA® AND TPT. ALPINE
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 AMERICAN ASSOCIATION OF TIMBER ENGINEERING
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT
BUILDING DESIGNER. PER SECTION 2 OF THIS DOCUMENT FOR ANY BUILDING IS THE PERSON RESPONSIBILITY OF THE
BUILDING DESIGNER. PER SECTION 2.



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

Haines City, FL 33844
El Certificate of Authorization # 567

TC LL	20.0 PSF	REF	R487 - -	83093
TC DL	10.0 PSF	DATE	10/03/05	
BC DL	10.0 PSF	DRW	HCUSR487	05276062
BC LL	0.0 PSF	HC-ENG	DF /AF	
TOT.I.D.	40.0 PSF	SEQN-	11859	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1SR0487	Z01

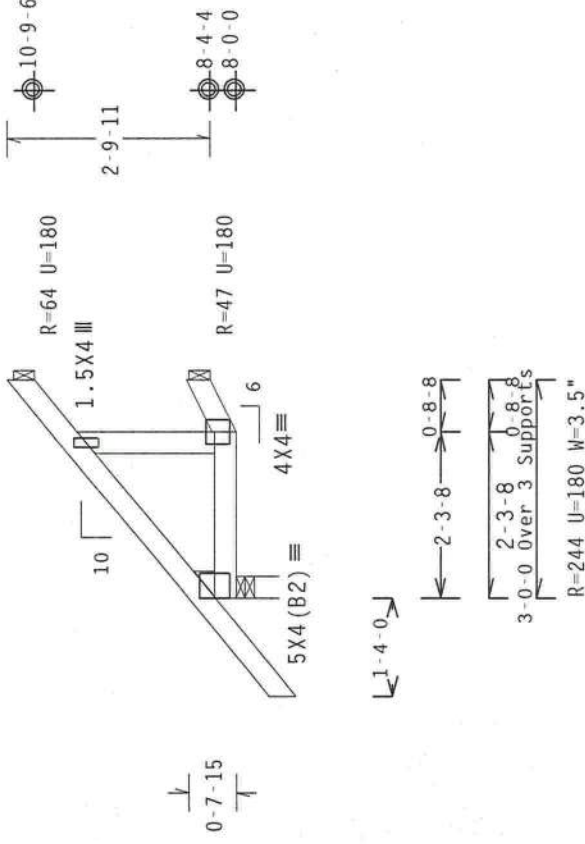
	Top	chord	2x4	SP	#2	Dense
	Bot	chord	2x4	SP	#2	Dense
		webs	2x4	SP	#3	
	:Lt	Wedge	2x4	SP	#3:	

110 mph wind, 9.36 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

Shim all supports to solid bearing.

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.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

7

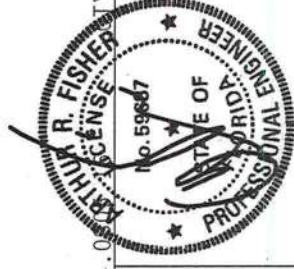
Scale = .375"/Ft.



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

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING REFER TO RCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 MADISON DR., SUITE 200, MADISON, WI 53719) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 INTERSTATE LN, O'DONOHUE, 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 BRIDG CEILING.

* IMPORTANT - FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERS PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THIS DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING OR BRACING OF TRUSSES, JOISTS OR CHORDS WILL BE AT THE USER'S RISK. ALL DIMENSIONS ARE GIVEN IN FEET AND INCHES UNLESS OTHERWISE SPECIFIED. CONNECTOR PLATES ARE MADE OF 7050-T6 ALUMINUM ALLOY AS PER AMS93-9000 407650 IN K/K/S SPLY. APPLY PLATE TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER PARAGRAPH 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMBEX 43 OF TPI-2002 SEC.2; (2) SHALL BE PER AMBEX 43 OF TPI-2002 SEC.2; (3) SHALL BE PER AMBEX 43 OF TPI-2002 SEC.2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT MANUFACTURED BY ALPINE ENGINEERS PRODUCTS, INC. IT IS THE USER'S RESPONSIBILITY TO OBTAIN THE TRUSS COMPONENT BUILDING DESIGNER, PER AMBEX 43 OF TPI-2002 SEC.2. IT IS THE USER'S RESPONSIBILITY FOR THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER AMBEX 43 OF TPI-2002 SEC.2.



Oct 04 '05

TC LL	20.0 PSF	REF R487 -- 83094
TC DL	10.0 PSF	DATE 10/03/05
BC DL	10.0 PSF	DRW HCUSR487 05276063
BC LL	0.0 PSF	HC-ENG DF/AF *
TOT.LD.	40.0 PSF	SEQN- 40669
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SR0487 Z01

(5-412-CADY HOMES-LOT#79 CALLAWAY III - J7A1)

Top chord 2x4 SP #2 Dense

Bot chord 2x4 SP #2 Dense

Web 2x4 SP #3

:Lt Wedge 2x4 SP #3:

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 11.02 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

Calculated horizontal deflection is 0.13" due to live load and 0.21" due to dead 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.

Diagram details: Top chord 1.5X4 III, Bot chord 1.5X4 III, Web 5X4 (B2), 4X4, 5X5, 1.5X4 III, 5X4 (B2), 4X4, 5X5, 1.5X4 III. Dimensions: 0-7-15, 10, 5-5-15, 14-1-6, 9-0-0, 8-0-0. Radii: R=185 U=180, R=104 U=180. Spacing: 2-3-8, 2-0-0, 2-8-8, 2-3-8, 2-0-0, 2-8-8, 7-0-0 Over 3 Supports, R=413 U=180 W=3.5".

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

7.04.05

Scale =.375"/Ft.

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

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 O'DONOHIO DR., SUITE 200, MADISON, WI 53719) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL 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 20/10/10GA (N/A/5/5) ASTM A653 GRADE 40/60 (N/A/5) GALV. STEEL. APPL. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED OR OTHERWISE SHOWN, SHALL BE 2" WIDE AND 7" LONG. THE DESIGNER'S 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

Design Crit: TPI-2002(STD)/FBC

7.04.05

Scale =.375"/Ft.

REF R487-- 83095

DATE 10/03/05

DRW HCUSR487 05276064

HC-ENG DF/AF *

SEQN- 11862

DUR.FAC. 1.25

SPACING 24.0"

JREF- 1SR0487_Z01

(5-412-CADY HOMES-LOT#79 CALLAWAY III - J7A2)

Top chord 2x4 SP #2 Dense

Bot chord 2x4 SP #2 Dense

Web 2x4 SP #2 Dense

:Lt Wedge 2x4 SP #3:

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.

LATERALLY BRACE BOTTOM CHORD ABOVE FILLER AT 24" O.C., INCLUDING A LATERAL BRACE AT CHORD ENDS.

110 mph wind, 11.02 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

7.04.08

Scale = .375" / Ft.

Alpine Engineering Products, Inc.
1950 Marley Drive
Haines City, FL 33844
Professional Engineer License No. 59087, State of Florida, expires Oct 04 '05

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-- 83096
DATE 10/03/05
DRW HCUSR487 05276085
HC-ENG DF/AF
SEQN- 11865
JREF- 1SR0487_Z01

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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.



Scale = .375"/Ft.



* * IMPORTANT - FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALTHOUGH THE ENGINEER'S 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 PROVISIONS OF THIS CODE WHICH ARE SPECIFICALLY APPLICABLE TO STEEL TRUSSES AND 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 APPENDIX A3 OF TP1-2002 SEC.3.
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF BUILDING DESIGNER. PER APPENDIX C OF THIS COMMENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. PER APPENDIX C.



TC LL	20.0	PSF	REF R487 - - 83098
TC DL	10.0	PSF	DATE 10/03/05
BC DL	10.0	PSF	DRW HCUSR487 05276087
BC LL	0.0	PSF	HC-ENG DF /AF
TOT.LD.	40.0	PSF	SEQN - 40047
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1SR0487 701

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

←5-0-0 Over 3 Supports →
R=310 U=180 W=3.5"

TC LL	20.0	PSF	REF	R487--	830999
TC DL	10.0	PSF	DATE	10/03/05	
BC DL	10.0	PSF	DRW	HCUSR487	0527608
BC LL	0.0	PSF	HC-ENG	DF/AF	
TOT.LD.	40.0	PSF	SEQN-	40030	
DUR.FAC.	1.25				
SPACING	24.0"				



	TC LL	20.0	PSF	REF	R487 --	831000
	TC DL	10.0	PSF	DATE	10/03/05	
	BC DL	10.0	PSF	DRW	HCUSR487	0527606
	BC LL	0.0	PSF	HC-ENG	DF /AF	
	TOT.LD.	40.0	PSF	SEQN-	11855	
	DUR.FAC.	1.25				
SPACING			24.0"	JREF-	1SR0487	Z01