

DATE 10/12/2005

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000023707

APPLICANT MELANIE RODER PHONE 752.2281

ADDRESS 387 SW KEMP CT LAKE CITY FL 32024

OWNER KEITH & CATHY WOOLEY PHONE 755.1492

ADDRESS 2012 SW OLD BELLAMY ROAD FT. WHITE FL 32038

CONTRACTOR MATTHEW ERKINGER PHONE 754.5555

LOCATION OF PROPERTY 441-S TO C-13 TO C-18,TO STOP,TL ON OLD BELLAMY, GO 1 MILE
TURN R. ONTO PROPERTY, FOLLOW DRIVE TO SITE.

TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 132950.00

HEATED FLOOR AREA 2659.00 TOTAL AREA 3482.00 HEIGHT 22.80 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 7'12 FLOOR CONC

LAND USE & ZONING A-3 MAX. HEIGHT 35

Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00

NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO. _____

PARCEL ID 05-7S-17-09902-000 SUBDIVISION _____

LOT _____ BLOCK _____ PHASE _____ UNIT _____ TOTAL ACRES 19.00

000000842 _____ RR0067135 _____

Culvert Permit No. _____ Culvert Waiver _____ Contractor's License Number _____ Applicant/Owner/Contractor Melanie Roder

WAIVER 05-0949-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 ROAD

Check # or Cash 6210

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 \$ 665.00 CERTIFICATION FEE \$ 17.41 SURCHARGE FEE \$ 17.41

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 774.82

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 INCONVENIENCE, PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

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

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only	Application # <u>0509-75</u>	Date Received <u>9/27/05</u>	By <u>JW</u>	Permit # <u>842/ 23707</u>
Application Approved by - Zoning Official <u>BLK</u>		Date <u>12-10-05</u>	Plane Examiner <u>OK JTH</u>	Date <u>9-30-05</u>
Flood Zone <u>X</u>	Development Permit <u>N/A</u>	Zoning <u>A-3</u>	Land Use Plan Map Category <u>A-3</u>	
Comments _____				

Applicants Name Linda or Melanie Roder Phone 752-2281
 Address 387 S.W. Kemp Ct. Lake City FL 32024
 Owners Name Keith & Cathy Woolley Phone 755-1492
 911 Address 2012 SW Old Bellamy Rd Ft. White, FL 32038
 Contractors Name Erkinger Home Builders-Matthew Erkinger Phone 754-5555
 Address 248 S.E. Nassau St. Lake City FL 32025
 Fee Simple Owner Name & Address NA
 Bonding Co. Name & Address NA
 Architect/Engineer Name & Address David Disosway / Mark Disosway
 Mortgage Lenders Name & Address 1st Federal
 Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
 Property ID Number 05-75-17-09902-000 Estimated Cost of Construction \$150,000.00
 Subdivision Name _____ Lot _____ Block _____ Phase _____
 Driving Directions 441 South, Turn R on Tuskenuggee, Cross CR 18 to STOP, turn L on Old Bellamy, Go 1 mile, Turn R onto property, follow drive to site.
 Type of Construction Single Family Dwelling Number of Existing Dwellings on Property 0
 Total Acreage 19 Lot Size _____ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
 Actual Distance of Structure from Property Lines - Front 400' Side 357' Side 60' Rear 700+'
 Total Building Height 22-8" Number of Stories 1 Heated Floor Area 2659 Roof Pitch 7-12
Porch 255 GARAGE 568 TOTAL 3,482

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

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

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

Owner Builder or Agent (Including Contractor) 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 17 day of August 20 05

Personally known ✓ or Produced Identification _____

Contractor Signature Matthew A. Erkinger, Pres.
 Contractors License Number RR0067135
 Competency Card Number _____
 NOTARY STAMP/SEAL

Linda R. Roder
 Notary Signature

Return to:

This instrument prepared by:
 PHILLIP K. WOOLEY
 148 SE ANASTASIA ST.
 LAKE CITY, FL 320 5

Inst:2005002676 Date:02/04/2005 Time:13:28

Doc Stamp-Deed : 0.70

DC, P. DeWitt Cason, Columbia County B:1037 P:707

Property Appraiser Parcel Identification:

05751779902000

Grantee (s) SS#: (s)

SPACE ABOVE THIS LINE FOR PROCESSING DATA

SPACE ABOVE THIS LINE FOR RECORDING DATA

THIS WARRANTY DEED, made this 3rd day of FEBRUARY, 2005 by MARGARET P. WOOLEY, as Trustee of the Margaret P. Wooley Revocable Living Trust, whose PO Address is 3001 SW Elim Church Rd., Ft. White, Florida 32038 hereinafter called the Grantor, to Phillip K. Wooley and Cathy A. Wooley, his wife, as joint tenants with rights of survivorship, whose post office address is 148 SE Anastasia St., Lake City, Florida 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 corporations, wherever the context so admits or requires.)

Witnesseth, that the Grantor, for and in consideration of the sum of \$ 10.00 and other valuable 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, State of FLORIDA viz:

PARCEL 3:

All of the NW 1/4 of the NW 1/4 of Section 5, Township 7 South, range 17 East, lying East of the Tustenuggee Road, less and except 1/2 acre as described below::

Commence at the NE corner of the NW 1/4 of the NW 1/4 of section 5, Township 7 south, range 17 East, Columbia County, Florida and run S 89° 16'06"W, along the North line thereof, 367.25 feet to the Point of Beginning; thence continue S 89° 16'06"W, 125.52 feet; thence S 01° 51'31" E, 175.00 feet; thence N 89° 16'06"E, 128.42 feet; thence N 02° 48'28"W, 175.08 feet to the Point of Beginning.

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

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

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

In Witness Whereof, the said Grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered in the presence of:

E. F. Albury Jr.
 Witness Signature (as to first Grantor)
 E. F. ALBURY JR.

Patricia A. Albury
 Witness Signature (as to first Grantor)
 PATRICIA A. ALBURY
 Printed Name

Margaret P. Wooley
 Grantor Signature - MARGARET P. WOOLEY

Printed Name
 3001 SW ELIM CHURCH RD. FT. WHITE FL
 Post Office Address

State of FLORIDA

County Of COLUMBIA: I hereby Certify that on this day, before me, an officer duly authorized to administer oaths and take acknowledgment, personally appeared MARGARET P. WOOLEY known to me to be the person described in and who executed the foregoing instrument, who acknowledged before me that SHE executed the same, and an oath was not taken. (Check one:) Said person(s) is/are personally known to me. O Said person(s) provided the following type of identification: (1) Florida ID AND (2) None

Witness my hand and official seal in the County and State last aforesaid this 3rd day of February, 2005 A.D.

Patricia A. Albury
 Notary Signature
 Printed Name: PATRICIA A. ALBURY



PATRICIA A. ALBURY
 MY COMMISSION # DD 215503
 EXPIRES: September 25, 2007
 Bonded thru Design Notary Services

Permit Number:

Tax Folio Number: 09902-000

State of: Florida
County of: Columbia

File Number: 05-491

Inst:2005018231 Date:08/01/2005 Time:15:00
DC, P. DeWitt Cason, Columbia County B:1053 P:1334

NOTICE OF COMMENCEMENT

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

1. Description of Property:

TOWNSHIP 7 SOUTH, RANGE 17 EAST

SECTION 5: All of the Northwest Quarter of the Northwest Quarter of Section 5, Township 7 South, Range 17 East, lying East of Tustenuggee Road, more particularly described as commence at the Northwest corner of Section 5, Township 7 South, Range 17 East, Columbia County, Florida, and run North 89 degrees 16'06" East, along the North line of said Section 5, a distance of 799.07 feet for a Point of Beginning. Thence continue North 89 degrees 16'06" East, along said North line, a distance of 492.77 feet to the Northeast corner of the Northwest 1/4 of the Northwest 1/4 of said Section 5, thence South 01 degrees 10'47" East, along the East line of said Northwest 1/4 of Northwest 1/4, a distance of 1,272.63 feet to the Southeast corner thereof, thence South 89 degrees 21'41" West, along the South line of said Northwest 1/4 of Northwest 1/4 a distance of 477.71 feet, thence North 01 degrees 51'31" West, a distance of 1,272.05 feet to the Point of Beginning. Subject to Maintained Road Right-of-way along the North Line Thereof. Less and Except the East 108.00 Feet of the North 420.00 Feet of the Above Described Parcel.

Also Less and Except

Commence at the NE Corner of the NW 1/4 of the NW 1/4 of Section 5, Township 7 South, Range 17 East, Columbia County, Florida and Run S 89 degrees 16' 06" W., Along the North Line Thereof, 367.25 Feet to the Point of Beginning; Thence Continue S 89 degrees 16' 06" W., 125.52 Feet; Thence S. 01 degrees 51' 31" E., 175.00 Feet; Thence N 89 degrees 16' 06" E., 128.42 feet; Thence N. 02 degrees 48' 28" W., 175.08 Feet to the Point of Beginning. IN COLUMBIA COUNTY, FLORIDA

2. General Description of Improvements: Residential

3. Owner Information: Phillip K. Wooley and Cathy A. Wooley

a. Name and Address: 148 SE Anastasia Street, Lake City, Florida 32025

b. Interest in property: Fee Simple

c. Names and address of fee simple title holder (if other than owner):

4. Contractor: Erkinger Home Builders, Inc.
248 SE Nassau Street, Lake City, Florida 32025

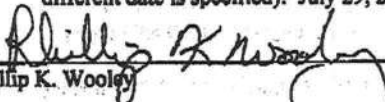
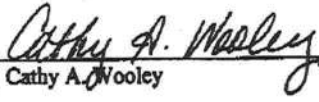
5. Surety: N/A

6. Lender: First Federal Savings Bank of Florida, 4705 West U. S. Highway 90, Lake City, Florida 32055

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.

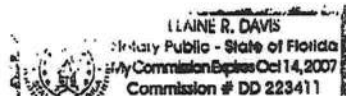
8. In addition to himself, Owner designates the following persons to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes. PAULA HACKER OF FIRST FEDERAL SAVINGS BANK, 4705 West U. S. Hwy 90/P.O. Box 2029, Lake City, Florida 32056

9. Expiration date of Notice of Commencement (the expiration date is 1 year from date of recording unless a different date is specified): July 29, 2006.


Phillip K. Wooley
Cathy A. Wooley

Sworn to and subscribed before me July 29, 2005 by who is personally known to me or who did provide
drivers licenses as identification.

Elaine R. Davis
Notary Public
My Commission Expires:



TOTAL P.02

Wooley

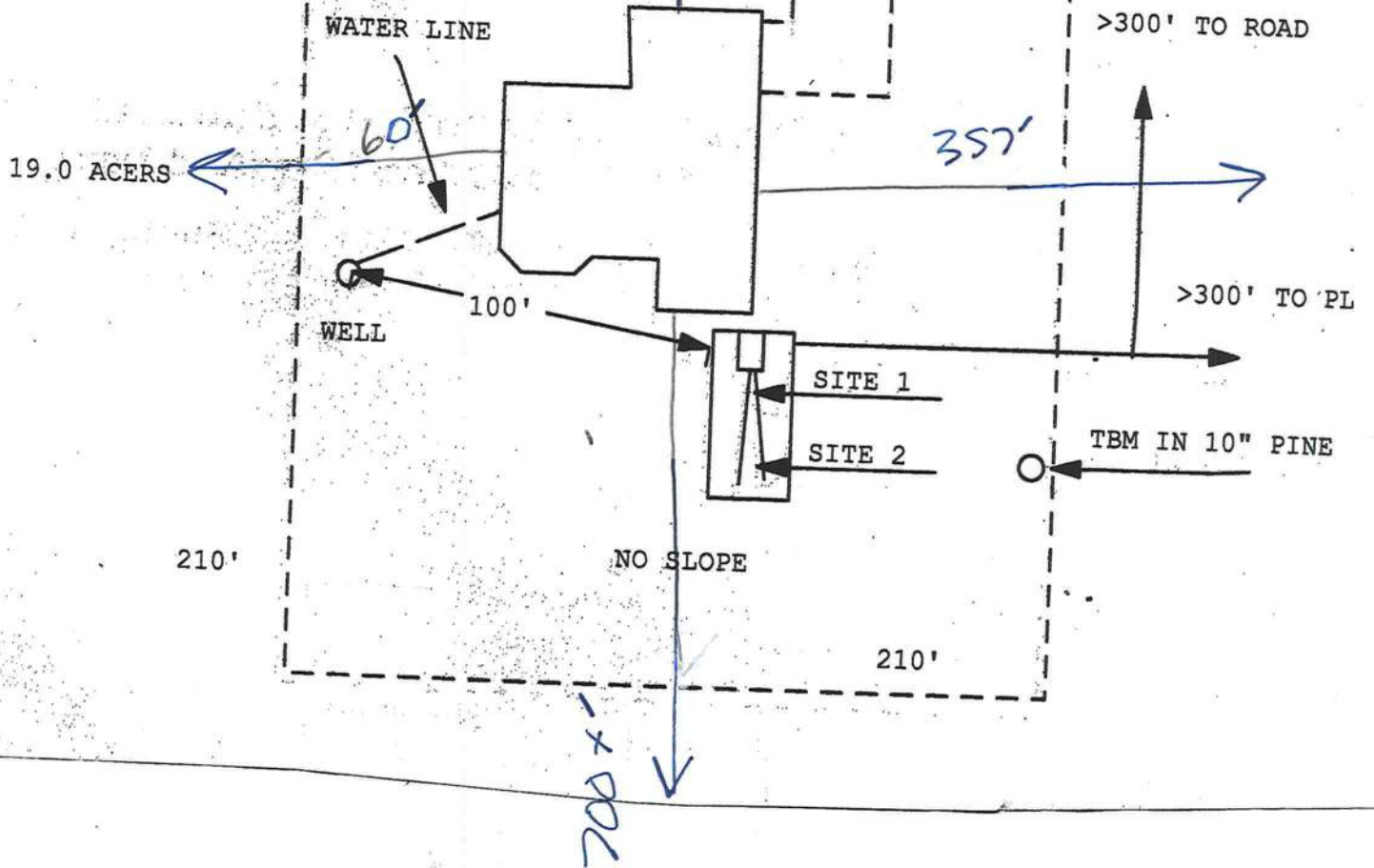
Site Plan

S.W. Old Bellamy Rd

05-75-17-09902-000

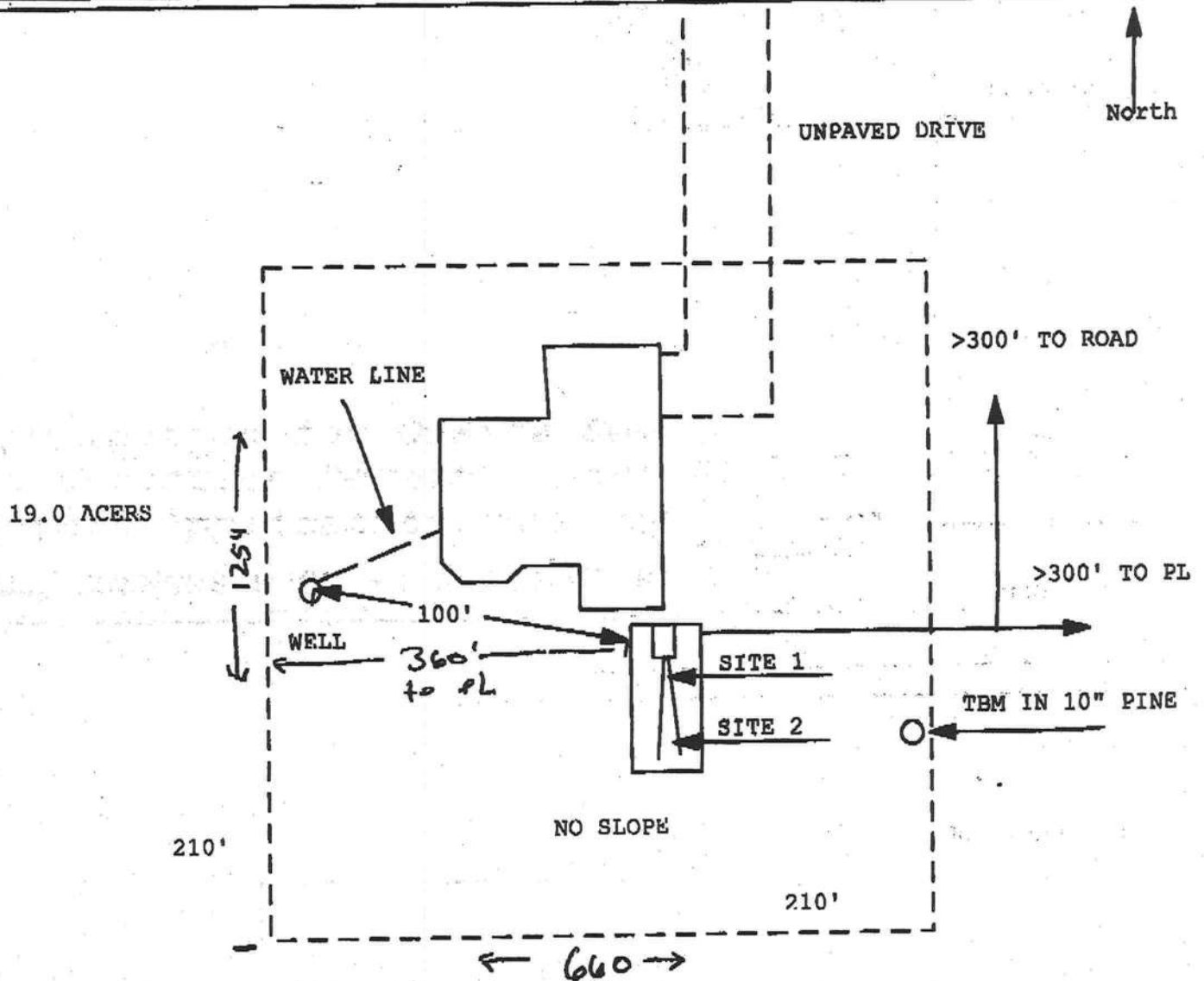
UNPAVED DRIVE

North



Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan
Permit Application Number: 05-0949N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT



CR# 05-3012 WOOLEY

1 inch = 50 feet

Site Plan Submitted By Paul L. Lyle Date 9-14-05
Plan Approved ✓ Not Approved _____ Date 9-14-05

By Mr. J. J. Lyle Columbia CPHU

Notes: _____

FLORIDA ENERGY EFFICIENCY CODE
FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name:	Keith Wooley	Builder:	Erkinger Homes
Address:		Permitting Office:	2001 Main
City, State:	Lake City, FL	Permit Number:	23707
Owner:	Keith Wooley	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: 60.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 10.00
4. Number of Bedrooms	4	b. N/A	
5. Is this a worst case?	No	c. N/A	
6. Conditioned floor area (ft²)	2649 ft²		
7. Glass area & type	Single Pane Double Pane	13. Heating systems	
a. Clear glass, default U-factor	0.0 ft² 347.0 ft²	a. Electric Heat Pump	Cap: 60.0 kBtu/hr
b. Default tint, default U-factor	0.0 ft² 0.0 ft²		HSPF: 7.00
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, 221.0(p) ft		
b. N/A		14. Hot water systems	
c. N/A		a. Electric Resistance	Cap: 50.0 gallons
9. Wall types			EF: 0.91
a. Frame, Wood, Exterior	R=11.0, 1504.0 ft²	b. N/A	
b. Frame, Wood, Adjacent	R=11.0, 221.0 ft²		
c. N/A		c. Conservation credits	
d. N/A		(HR-Heat recovery, Solar	
e. N/A		DHP-Dedicated heat pump)	
10. Ceiling types		15. HVAC credits	
a. Under Attic	R=30.0, 2649.0 ft²	(CF-Ceiling fan, CV-Cross ventilation,	
b. N/A		HF-Whole house fan,	
c. N/A		PT-Programmable Thermostat,	
11. Ducts		MZ-C-Multizone cooling,	
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 200.0 ft	MZ-H-Multizone heating)	
b. N/A			

Glass/Floor Area: 0.13	Total as-built points: 36967	PASS
	Total base points: 38449	

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: <u>[Signature]</u>	BUILDING OFFICIAL: _____	
DATE: <u>8-24-05</u>	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: , Lake City, FL,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Ormt Len Hgt		Area X SPM X SOF = Points				
.18	2649.0	20.04	9555.5	Double, Clear	N	1.5	8.0	88.0	19.20	0.97	1634.3
				Double, Clear	E	1.5	8.0	60.0	42.06	0.96	2416.6
				Double, Clear	S	1.5	8.0	173.0	35.87	0.92	5728.9
				Double, Clear	W	1.5	8.0	26.0	38.52	0.96	959.6
				As-Built Total:			347.0			10739.5	
WALL TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	221.0	0.70	154.7	Frame, Wood, Exterior	11.0		1504.0	1.70	2556.8		
Exterior	1504.0	1.70	2556.8	Frame, Wood, Adjacent	11.0		221.0	0.70	154.7		
Base Total:				As-Built Total:			1725.0			2711.5	
DOOR TYPES Area X BSPM = Points				Type	Area X SPM = Points						
Adjacent	19.0	2.40	45.6	Exterior Wood				59.0	6.10	359.9	
Exterior	59.0	6.10	359.9	Adjacent Wood				19.0	2.40	45.6	
Base Total:				As-Built Total:			78.0			405.5	
CEILING TYPES Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points				
Under Attic	2649.0	1.73	4582.8	Under Attic	30.0		2649.0	1.73 X 1.00	4582.8		
Base Total:				As-Built Total:			2649.0			4582.8	
FLOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Slab	221.0(p)	-37.0	-8177.0	Slab-On-Grade Edge Insulation	0.0		221.0(p)	-41.20	-9105.2		
Raised	0.0	0.00	0.0								
Base Total:				As-Built Total:			221.0			-9105.2	
INFILTRATION Area X BSPM = Points				Area X SPM = Points							
2649.0 10.21 27046.3				2649.0 10.21 27046.3							

SUMMER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: , Lake City, FL,

PERMIT #:

BASE				AS-BUILT							
Summer Base Points: 36124.5				Summer As-Built Points: 36380.4							
Total Summer Points	X	System Multiplier	= Cooling Points	Total Component	X	Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points	
36124.5		0.4266	15410.7	36380.4		1.000	(1.090 x 1.147 x 0.91)	0.341	1.000	14126.5	
				36380.4		1.00	1.138	0.341	1.000	14126.5	

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , Lake City, 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	2649.0	12.74	6074.7	Double, Clear	N	1.5	8.0	88.0	24.58	1.00	2164.7
				Double, Clear	E	1.5	8.0	60.0	18.79	1.02	1150.0
				Double, Clear	S	1.5	8.0	173.0	13.30	1.04	2394.9
				Double, Clear	W	1.5	8.0	26.0	20.73	1.01	544.9
				As-Built Total:						347.0	
WALL TYPES Area X BWPM = Points				Type	R-Value			Area X WPM = Points			
Adjacent	221.0	3.60	795.6	Frame, Wood, Exterior			11.0	1504.0	3.70	5564.8	
Exterior	1504.0	3.70	5564.8	Frame, Wood, Adjacent			11.0	221.0	3.60	795.6	
Base Total: 1725.0 6360.4				As-Built Total:				1725.0		6360.4	
DOOR TYPES Area X BWPM = Points				Type				Area X WPM = Points			
Adjacent	19.0	11.50	218.5	Exterior Wood				59.0	12.30	725.7	
Exterior	59.0	12.30	725.7	Adjacent Wood				19.0	11.50	218.5	
Base Total: 78.0 944.2				As-Built Total:				78.0		944.2	
CEILING TYPES Area X BWPM = Points				Type	R-Value			Area X WPM X WCM = Points			
Under Attic	2649.0	2.05	5430.4	Under Attic			30.0	2649.0	2.05 X 1.00	5430.4	
Base Total: 2649.0 5430.4				As-Built Total:				2649.0		5430.4	
FLOOR TYPES Area X BWPM = Points				Type	R-Value			Area X WPM = Points			
Slab	221.0(p)	8.9	1966.9	Slab-On-Grade Edge Insulation			0.0	221.0(p)	18.80	4154.8	
Raised	0.0	0.00	0.0								
Base Total: 1966.9				As-Built Total:				221.0		4154.8	
INFILTRATION Area X BWPM = Points							Area X WPM = Points				
	2649.0	-0.59	-1562.9					2649.0	-0.59	-1562.9	

WINTER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: , Lake City, FL,

PERMIT #:

BASE				AS-BUILT						
Winter Base Points: 19213.7				Winter As-Built Points: 21581.5						
Total Winter Points	X	System Multiplier	= Heating Points	Total Component	X	Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
19213.7		0.6274	12054.7	21581.5		1.000	(1.069 x 1.169 x 0.93)	0.487	1.000	12218.3
				21581.5		1.00	1.162	0.487	1.000	12218.3

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , Lake City, FL,

PERMIT #:

BASE					AS-BUILT					
WATER HEATING										
Number of Bedrooms	X	Multiplier	=	Total	Tank Volume	EF	Number of Bedrooms	X	Tank X Ratio	Credit X Multiplier = Total
4		2746.00		10984.0	50.0	0.91	4		1.002655.47	1.0010621.9
					As-Built Total:					10621.9

CODE COMPLIANCE STATUS								
BASE					AS-BUILT			
Cooling Points	+	Heating Points	+	Hot Water Points = Total Points	Cooling Points	+	Heating Points	Hot Water Points = Total Points
15411		12055		1098438449	14126		12218	1062236967

PASS



Code Compliance Checklist
Residential Whole Building Performance Method A - Details

ADDRESS: , Lake City, FL,

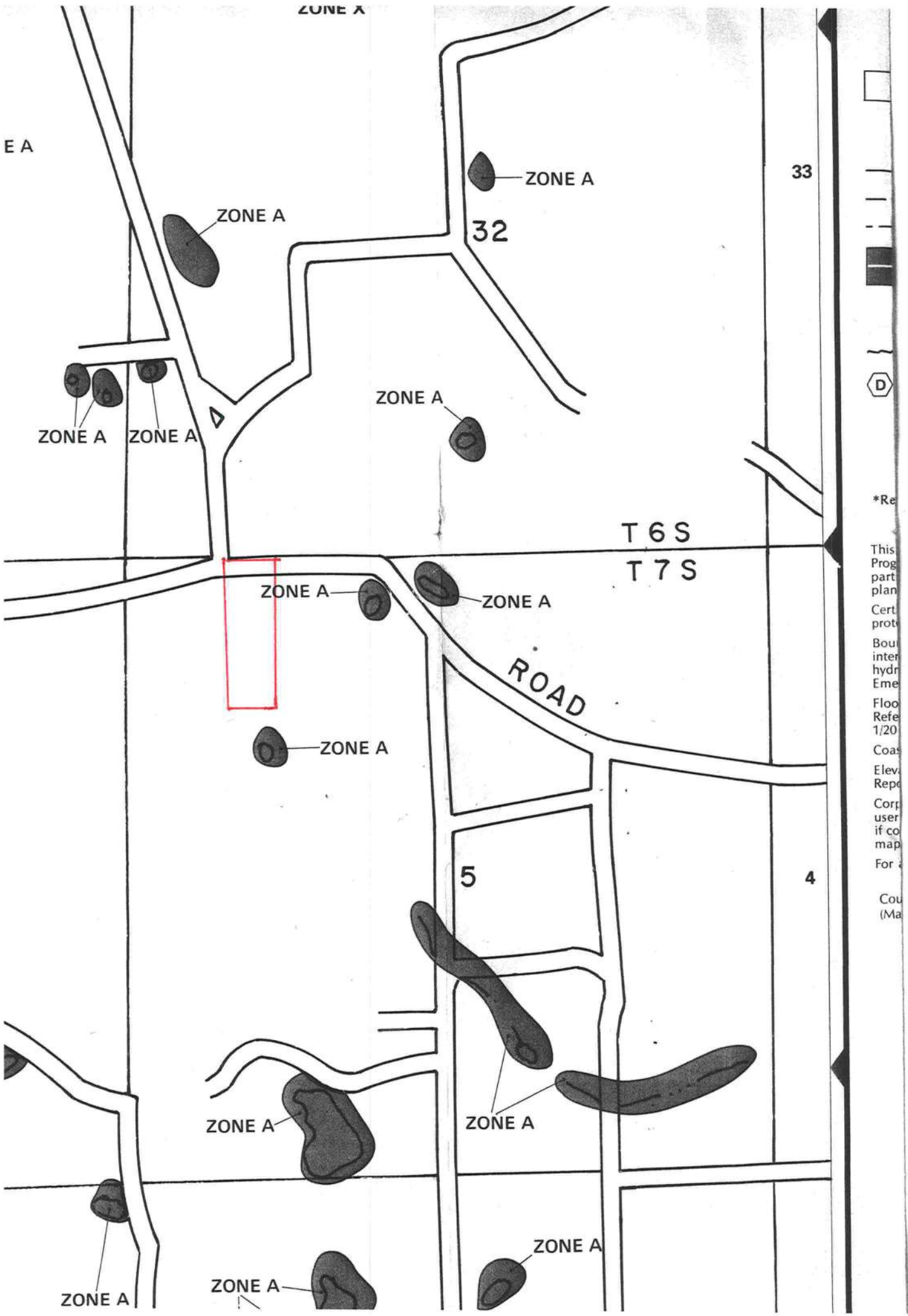
PERMIT #:

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.	



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CLYATT WELL DRILLING, INC.

Established in 1971
Post Office Box 180
Worthington Springs, Florida 32697
Phone (386)496-2488 FAX (386)496-4640

INVOICE DATE

3/31/2003

INVOICE NUMBER

WELL SPECS

DUE AND PAYABLE UPON RECEIPT

CUSTOMER NAME AND ADDRESS

Erkinger Home Builders
Attn.: Matthew A. Erkinger
248 Southeast Nassau Street
Lake City, Florida 32025

DESCRIPTION OF WORK

4" Well and Pump

QTY	DESCRIPTION	PRICE	SUB-TOTAL
	Feet 4" Well 1 HP Submersible Pump 1-1/4" Galvanized Pipe 14/3 Submersible Pump Wire With Ground WF255 (220 Gallon Equivalent) Tank 4 X 1-1/4 Well Seal Pressure Relief Valve Controls & Fittings		

MSTA
(5) NA
(OR S

23707

1/2" ANCHOR w/ 7" EM
(MAY BE RECESSED E



ALTERNATE WALL TIE CONNECTION WHERE
THREADED ROD CANNOT BE PLACED IN WALL.

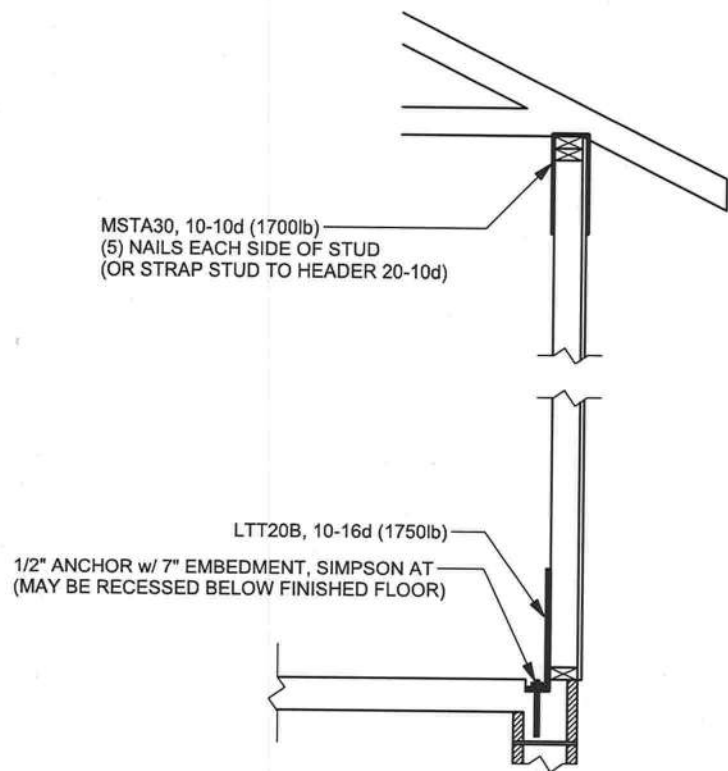
SCALE: 1/2" = 1'-0"

Erkinger Builders

Phillip & Cathy Wooley Residence

099-02-000, Columbia County, Florida

Mah Dismay
09 JAN 06
PR 53915



**ALTERNATE WALL TIE CONNECTION WHERE
THREADED ROD CANNOT BE PLACED IN WALL.**

SCALE: 1/2" = 1'-0"

Erkinger Builders

Phillip & Cathy Wooley Residence

099-02-000, Columbia County, Florida

Muh Dismore
09 JAN 06
PE53915

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:1SQ4487-Z0101165640

Truss Fabricator: Anderson Truss Company
Job Identification: 5-361-ERKINGER BUILDERS-WOOLEY
Truss Count: 71
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:

- 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
- The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
- As shown on attached drawings; the drawing number is preceded by: HCUSR487

Details: BRCLBSUB-A11015EC-GBLLETIN

Seal Date: 09/01/2005

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

#	Ref	Description	Drawing#	Date
1	25501--A1		05244087	09/01/05
2	25502--A2		05244088	09/01/05
3	25503--A3		05244089	09/01/05
4	25504--A4		05244090	09/01/05
5	25505--A5		05244091	09/01/05
6	25506--A6		05244092	09/01/05
7	25507--A7		05244093	09/01/05
8	25508--A8		05244094	09/01/05
9	25509--A9		05244095	09/01/05
10	25510--A10		05244096	09/01/05
11	25511--A11		05244097	09/01/05
12	25512--A12		05244098	09/01/05
13	25513--A13		05244099	09/01/05
14	25514--A14		05244100	09/01/05
15	25515--A15		05244101	09/01/05
16	25516--B1-GE		05244102	09/01/05
17	25517--B2		05244103	09/01/05
18	25518--B3		05244104	09/01/05
19	25519--C1		05244105	09/01/05
20	25520--C2		05244106	09/01/05
21	25521--C3		05244107	09/01/05
22	25522--C4		05244108	09/01/05
23	25523--C5		05244109	09/01/05
24	25524--C6		05244110	09/01/05
25	25525--D1		05244111	09/01/05
26	25526--D2		05244112	09/01/05
27	25527--D3		05244113	09/01/05
28	25528--D4		05244114	09/01/05
29	25529--D6		05244115	09/01/05
30	25530--D7		05244116	09/01/05
31	25531--D8		05244117	09/01/05
32	25532--D9		05244118	09/01/05
33	25533--D10		05244119	09/01/05
34	25534--D11		05244120	09/01/05
35	25535--D12		05244121	09/01/05
36	25536--D14		05244122	09/01/05

#	Ref	Description	Drawing#	Date
37	25537--HJ7		05244155	09/01/05
38	25538--HJD		05244123	09/01/05
39	25539--EJA		05244124	09/01/05
40	25540--EJ7		05244156	09/01/05
41	25541--EJD1		05244125	09/01/05
42	25542--EJD2		05244126	09/01/05
43	25543--J2D		05244127	09/01/05
44	25544--J5DD		05244128	09/01/05
45	25545--J5		05244129	09/01/05
46	25546--J1D		05244130	09/01/05
47	25547--J4D		05244131	09/01/05
48	25548--J3		05244132	09/01/05
49	25549--J3DD		05244133	09/01/05
50	25550--J3D		05244134	09/01/05
51	25551--J5D		05244135	09/01/05
52	25552--J1		05244136	09/01/05
53	25553--K1-GE		05244137	09/01/05
54	25554--K2		05244142	09/01/05
55	25555--K3		05244138	09/01/05
56	25556--N1		05244139	09/01/05
57	25557--N2		05244140	09/01/05
58	25558--N3		05244141	09/01/05
59	25559--AP1		05244157	09/01/05
60	25560--AP2		05244143	09/01/05
61	25561--AP3		05244144	09/01/05
62	25562--AP4		05244145	09/01/05
63	25563--AP5		05244146	09/01/05
64	25564--AP6		05244147	09/01/05
65	25565--AP7		05244148	09/01/05
66	25566--AP8		05244149	09/01/05
67	25567--AP9		05244150	09/01/05
68	25568--AP10		05244151	09/01/05
69	25569--AP11		05244152	09/01/05
70	25570--AP12		05244153	09/01/05
71	25571--AP13		05244154	09/01/05



(5-361-ERKINGER BUILDERS-WOOLEY - A1)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W14 2x4 SP #2 Dense:

110 mph wind, 15.00 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.

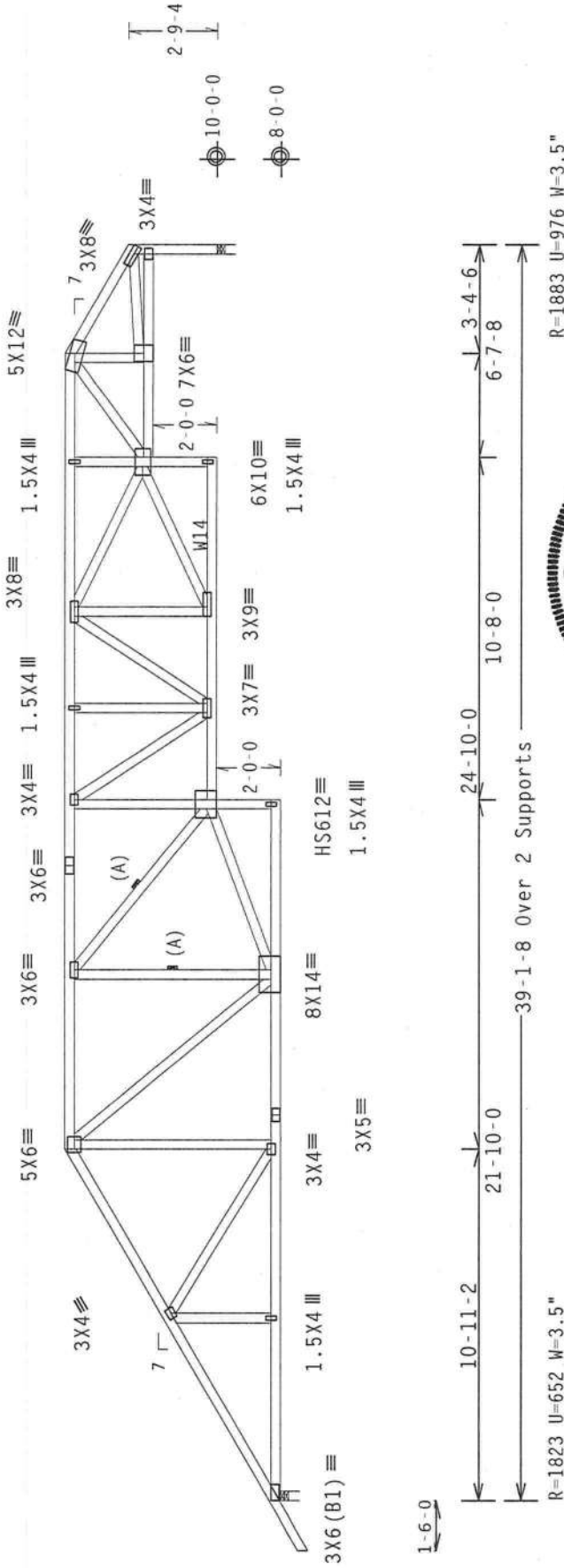
Deflection meets L/360 live and L/240 total load.

Right end vertical not exposed to wind pressure.

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 60 PLF at -1.50 to 60 PLF at 39.13
BC - From 4 PLF at -1.50 to 4 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 39.12
PLB- *80 LB Conc. Load at (21.90,10.04)
PLB- *80 LB Conc. Load at (23.60,10.04)
PLB- *80 LB Conc. Load at (25.60,10.04)
PLB- *80 LB Conc. Load at (27.60,10.04)
PLB- *80 LB Conc. Load at (29.60,10.04)
PLB- *80 LB Conc. Load at (31.44,10.04)

* Provide connection for concentrated load(s) shown.



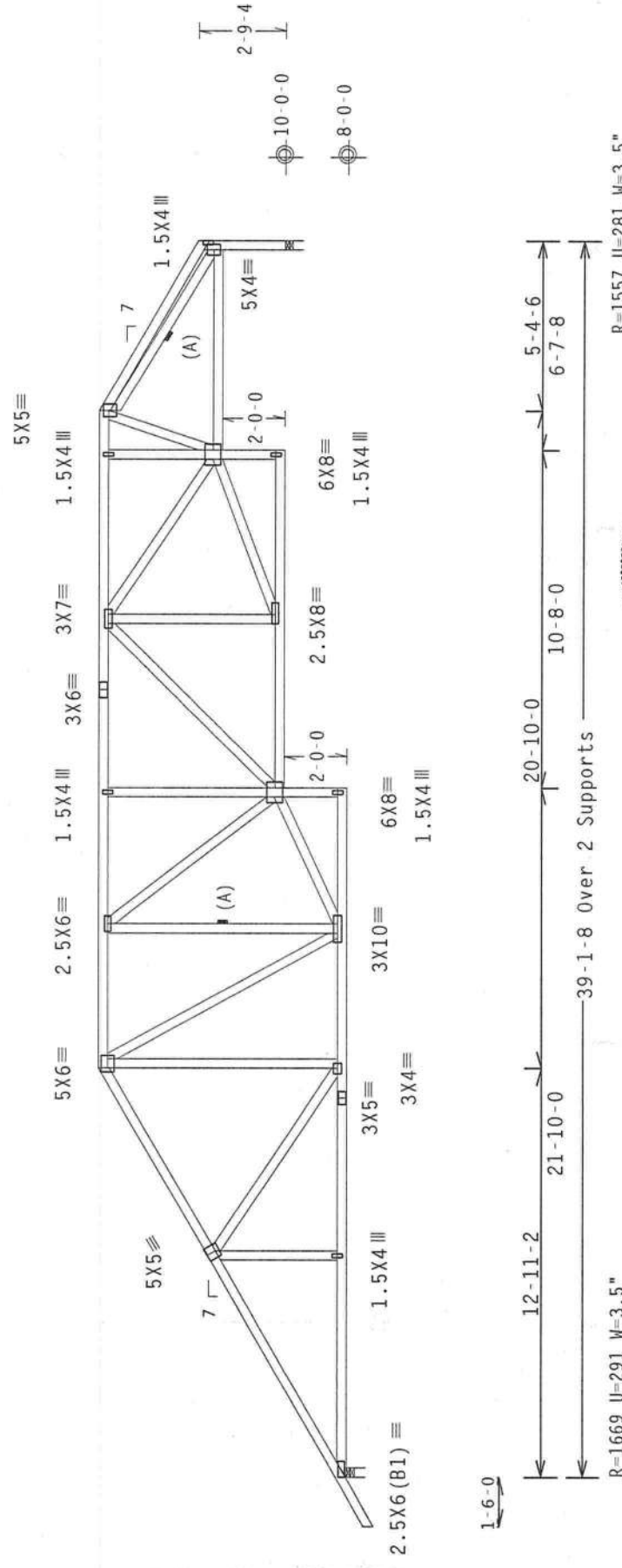
Top	chord	2x4	SP	#2	Dense
Bot	chord	2x4	SP	#2	Dense
	webs	2x4	SP	#3	

110 mph wind, 11.69 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.

Right end vertical not exposed to wind pressure.

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



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04

EL 1-131-1-1R1-

Scale = 1875"/ft

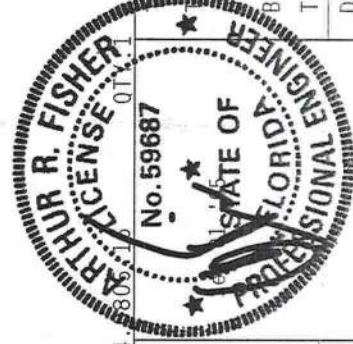


Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844

Haines City, FL 33844
FL Certificate of Authorization # 567

4. *WARNING* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51-1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IP1 (TRUSS ASSOCIATION), 593 MADISON AVE., SUITE 1500, ST. LOUIS, MO 63102-3330 AND 312-426-1330 FOR ADDITIONAL INFORMATION. IN ADDITION, REFER TO 5372-1.03 (SAFETY PRACTICES FOR PERSONS PERFORMING THESE FUNCTIONS), PUBLISHED BY IP1 (TRUSS ASSOCIATION), 593 MADISON AVE., SUITE 1500, ST. LOUIS, MO 63102-3330 AND 312-426-1330 FOR ADDITIONAL INFORMATION. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED PLATE CLING.

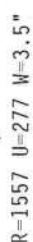
*IMPORTANT: * Furnish a copy of this design to the installation contractor. * Products, Inc. shall not be responsible for any deviation from this design. * Any failure to build the truss in conformance with this design or fabrication, handling, shipping, installing and bracing of the truss components with applicable provisions of MDS (National Design Spec., by AF&PA) and TPES (Truss Engineering Specification, by AF&PA) shall be the responsibility of the contractor. * Any plates to each face of truss and, unless otherwise located on this design, position per drawings 1000-2, 1000-3, 1000-4, 1000-5, 1000-6, 1000-7, 1000-8, 1000-9, 1000-10, 1000-11, 1000-12, 1000-13, 1000-14, 1000-15, 1000-16, 1000-17, 1000-18, 1000-19, 1000-20, 1000-21, 1000-22, 1000-23, 1000-24, 1000-25, 1000-26, 1000-27, 1000-28, 1000-29, 1000-30, 1000-31, 1000-32, 1000-33, 1000-34, 1000-35, 1000-36, 1000-37, 1000-38, 1000-39, 1000-40, 1000-41, 1000-42, 1000-43, 1000-44, 1000-45, 1000-46, 1000-47, 1000-48, 1000-49, 1000-50, 1000-51, 1000-52, 1000-53, 1000-54, 1000-55, 1000-56, 1000-57, 1000-58, 1000-59, 1000-60, 1000-61, 1000-62, 1000-63, 1000-64, 1000-65, 1000-66, 1000-67, 1000-68, 1000-69, 1000-70, 1000-71, 1000-72, 1000-73, 1000-74, 1000-75, 1000-76, 1000-77, 1000-78, 1000-79, 1000-80, 1000-81, 1000-82, 1000-83, 1000-84, 1000-85, 1000-86, 1000-87, 1000-88, 1000-89, 1000-90, 1000-91, 1000-92, 1000-93, 1000-94, 1000-95, 1000-96, 1000-97, 1000-98, 1000-99, 1000-100, 1000-101, 1000-102, 1000-103, 1000-104, 1000-105, 1000-106, 1000-107, 1000-108, 1000-109, 1000-110, 1000-111, 1000-112, 1000-113, 1000-114, 1000-115, 1000-116, 1000-117, 1000-118, 1000-119, 1000-120, 1000-121, 1000-122, 1000-123, 1000-124, 1000-125, 1000-126, 1000-127, 1000-128, 1000-129, 1000-130, 1000-131, 1000-132, 1000-133, 1000-134, 1000-135, 1000-136, 1000-137, 1000-138, 1000-139, 1000-140, 1000-141, 1000-142, 1000-143, 1000-144, 1000-145, 1000-146, 1000-147, 1000-148, 1000-149, 1000-150, 1000-151, 1000-152, 1000-153, 1000-154, 1000-155, 1000-156, 1000-157, 1000-158, 1000-159, 1000-160, 1000-161, 1000-162, 1000-163, 1000-164, 1000-165, 1000-166, 1000-167, 1000-168, 1000-169, 1000-170, 1000-171, 1000-172, 1000-173, 1000-174, 1000-175, 1000-176, 1000-177, 1000-178, 1000-179, 1000-180, 1000-181, 1000-182, 1000-183, 1000-184, 1000-185, 1000-186, 1000-187, 1000-188, 1000-189, 1000-190, 1000-191, 1000-192, 1000-193, 1000-194, 1000-195, 1000-196, 1000-197, 1000-198, 1000-199, 1000-200, 1000-201, 1000-202, 1000-203, 1000-204, 1000-205, 1000-206, 1000-207, 1000-208, 1000-209, 1000-210, 1000-211, 1000-212, 1000-213, 1000-214, 1000-215, 1000-216, 1000-217, 1000-218, 1000-219, 1000-220, 1000-221, 1000-222, 1000-223, 1000-224, 1000-225, 1000-226, 1000-227, 1000-228, 1000-229, 1000-230, 1000-231, 1000-232, 1000-233, 1000-234, 1000-235, 1000-236, 1000-237, 1000-238, 1000-239, 1000-240, 1000-241, 1000-242, 1000-243, 1000-244, 1000-245, 1000-246, 1000-247, 1000-248, 1000-249, 1000-250, 1000-251, 1000-252, 1000-253, 1000-254, 1000-255, 1000-256, 1000-257, 1000-258, 1000-259, 1000-260, 1000-261, 1000-262, 1000-263, 1000-264, 1000-265, 1000-266, 1000-267, 1000-268, 1000-269, 1000-270, 1000-271, 1000-272, 1000-273, 1000-274, 1000-275, 1000-276, 1000-277, 1000-278, 1000-279, 1000-280, 1000-281, 1000-282, 1000-283, 1000-284, 1000-285, 1000-286, 1000-287, 1000-288, 1000-289, 1000-290, 1000-291, 1000-292, 1000-293, 1000-294, 1000-295, 1000-296, 1000-297, 1000-298, 1000-299, 1000-300, 1000-301, 1000-302, 1000-303, 1000-304, 1000-305, 1000-306, 1000-307, 1000-308, 1000-309, 1000-310, 1000-311, 1000-312, 1000-313, 1000-314, 1000-315, 1000-316, 1000-317, 1000-318, 1000-319, 1000-320, 1000-321, 1000-322, 1000-323, 1000-324, 1000-325, 1000-326, 1000-327, 1000-328, 1000-329, 1000-330, 1000-331, 1000-332, 1000-333, 1000-334, 1000-335, 1000-336, 1000-337, 1000-338, 1000-339, 1000-340, 1000-341, 1000-342, 1000-343, 1000-344, 1000-345, 1000-346, 1000-347, 1000-348, 1000-349, 1000-350, 1000-351, 1000-352, 1000-353, 1000-354, 1000-355, 1000-356, 1000-357, 1000-358, 1000-359, 1000-360, 1000-361, 1000-362, 1000-363, 1000-364, 1000-365, 1000-366, 1000-367, 1000-368, 1000-369, 1000-370, 1000-371, 1000-372, 1000-373, 1000-374, 1000-375, 1000-376, 1000-377, 1000-378, 1000-379, 1000-380, 1000-381, 1000-382, 1000-383, 1000-384, 1000-385, 1000-386, 1000-387, 1000-388, 1000-389, 1000-390, 1000-391, 1000-392, 1000-393, 1000-394, 1000-395, 1000-396, 1000-397, 1000-398, 1000-399, 1000-400, 1000-401, 1000-402, 1000-403, 1000-404, 1000-405, 1000-406, 1000-407, 1000-408, 1000-40



LL	20.0	PSF	REF	R487 - -	25502
DL	10.0	PSF	DATE	09/01/05	
CL	10.0	PSF	DRW	HCUSR487	05244088
BC LL	0.0	PSF	HC - ENG	TCE/AF	
TOT.LD.	40.0	PSF	SEGN -	27508	
DUR.FAC.	1.25		FROM	JP	
SPACING	24.0"		JREF -	1S04487	Z01

110 mph wind, 12.28 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.



W. R. FISHER

Design Crit: TPI-1995(STD)/FRC

FL/-/3/-/-/R/-

A circular professional engineer seal for Arthur R. Fisher, State of Florida, License No. 59687, Mechanical Engineering. The seal features the text "ARTHUR R. FISHER" around the top, "LICENSE" on the left, "No. 59687" in the center, "STATE OF FLORIDA" on the right, and "PROFESSIONAL ENGINEER" around the bottom. The words "MECHANICAL ENGINEERING" are written in a smaller circle at the bottom. The seal is stamped over a document with a grid pattern.

*** IMPORTANT NOTE *** UNLESS A COPY OF THIS DESIGN IS THE PROPERTY OF THE INSTALLATION CONTRACTOR, THE ALPINE ENGINEERED TRUSSES, INC., SHALL NOT BE RESPONSIBLE FOR ANY TYPE OF REUSE OF THIS DESIGN OR ANY TYPE OF REUSE OF THE INFORMATION CONTAINED HEREIN. THE DESIGN CONFORMS WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & DRACING OF TRUSSES. THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC., BY AISC) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/20/16 GA. (W/5/5) ASH AREA GRADE 40/60 (44 K/H/5) GALV. STEEL. PLATES TO FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. UNLESS OTHERWISE NOTED, ALL SMALL DIMENSIONS SHALL BE PER AISC 3.08 1911-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROPOSED CONNECTIONS. THE SEAL IS NOT THE CROSS COMPONENT OF THE TRUSS. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC., 2.

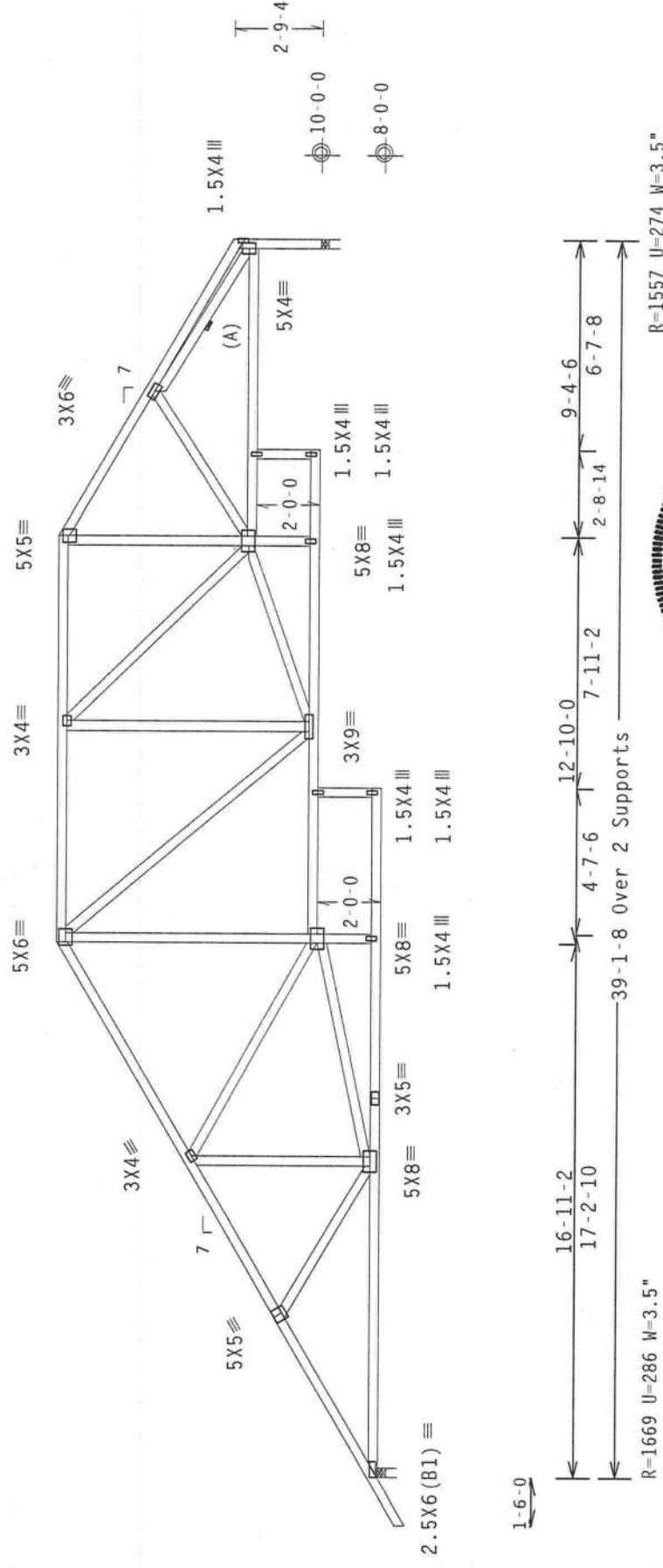
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HC-ENG	TCE/AF	
SEQN-	27491	
FROM	JP	
JREF-	1S04487	Z01

110 mph wind, 12.86 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=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.

Laterally brace BC at 24" OC in lieu of rigid ceiling.
Laterally brace BC above filler at 24" OC including a lateral brace at chord ends.



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FRC

[illegible]

Scale = .1875"/Ft.

*WARNING** ROSSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. SEE INSTRUCTIONS FOR PROPER INSTALLATION. ROSSSES ARE AVAILABLE IN THE FOLLOWING COUNTRIES: AFRICA, SOUTH AMERICA, ASIA, AUSTRALIA, CANADA, EUROPE, MIDDLE EAST, NORTH AMERICA, OCEANIA, SOUTH AMERICA, AFRICA, AND ASIA. (4000) PUBLISHED BY THE (TROSS) PAPER CORPORATION, 583 W. 10TH ST., SUITE 100, DENVER, CO 80202. (781) 326-1111. (781) 326-1112. (781) 326-1113. (781) 326-1114. (781) 326-1115. (781) 326-1116. (781) 326-1117. (781) 326-1118. (781) 326-1119. (781) 326-1120. (781) 326-1121. (781) 326-1122. (781) 326-1123. (781) 326-1124. (781) 326-1125. (781) 326-1126. (781) 326-1127. (781) 326-1128. (781) 326-1129. (781) 326-1130. (781) 326-1131. (781) 326-1132. (781) 326-1133. (781) 326-1134. (781) 326-1135. (781) 326-1136. (781) 326-1137. (781) 326-1138. (781) 326-1139. (781) 326-1140. (781) 326-1141. (781) 326-1142. (781) 326-1143. (781) 326-1144. (781) 326-1145. (781) 326-1146. (781) 326-1147. (781) 326-1148. (781) 326-1149. (781) 326-1150. (781) 326-1151. (781) 326-1152. (781) 326-1153. (781) 326-1154. (781) 326-1155. (781) 326-1156. (781) 326-1157. (781) 326-1158. (781) 326-1159. (781) 326-1160. (781) 326-1161. (781) 326-1162. (781) 326-1163. (781) 326-1164. (781) 326-1165. (781) 326-1166. (781) 326-1167. (781) 326-1168. (781) 326-1169. (781) 326-1170. (781) 326-1171. (781) 326-1172. (781) 326-1173. (781) 326-1174. (781) 326-1175. (781) 326-1176. (781) 326-1177. (781) 326-1178. (781) 326-1179. (781) 326-1180. (781) 326-1181. (781) 326-1182. (781) 326-1183. (781) 326-1184. (781) 326-1185. (781) 326-1186. (781) 326-1187. (781) 326-1188. (781) 326-1189. (781) 326-1190. (781) 326-1191. (781) 326-1192. (781) 326-1193. (781) 326-1194. (781) 326-1195. (781) 326-1196. (781) 326-1197. (781) 326-1198. (781) 326-1199. (781) 326-1200. (781) 326-1201. (781) 326-1202. (781) 326-1203. (781) 326-1204. (781) 326-1205. (781) 326-1206. (781) 326-1207. (781) 326-1208. (781) 326-1209. (781) 326-1210. (781) 326-1211. (781) 326-1212. (781) 326-1213. (781) 326-1214. (781) 326-1215. (781) 326-1216. (781) 326-1217. (781) 326-1218. (781) 326-1219. (781) 326-1220. (781) 326-1221. (781) 326-1222. (781) 326-1223. (781) 326-1224. (781) 326-1225. (781) 326-1226. (781) 326-1227. (781) 326-1228. (781) 326-1229. (781) 326-1230. (781) 326-1231. (781) 326-1232. (781) 326-1233. (781) 326-1234. (781) 326-1235. (781) 326-1236. (781) 326-1237. (781) 326-1238. (781) 326-1239. (781) 326-1240. (781) 326-1241. (781) 326-1242. (781) 326-1243. (781) 326-1244. (781) 326-1245. (781) 326-1246. (781) 326-1247. (781) 326-1248. (781) 326-1249. (781) 326-1250. (781) 326-1251. (781) 326-1252. (781) 326-1253. (781) 326-1254. (781) 326-1255. (781) 326-1256. (781) 326-1257. (781) 326-1258. (781) 326-1259. (781) 326-1260. (781) 326-1261. (781) 326-1262. (781) 326-1263. (781) 326-1264. (781) 326-1265. (781) 326-1266. (781) 326-1267. (781) 326-1268. (781) 326-1269. (781) 326-1270. (781) 326-1271. (781) 326-1272. (781) 326-1273. (781) 326-1274. (781) 326-1275. (781) 326-1276. (781) 326-1277. (781) 326-1278. (781) 326-1279. (781) 326-1280. (781) 326-1281. (781) 326-1282. (781) 326-1283. (781) 326-1284. (781) 326-1285. (781) 326-1286. (781) 326-1287. (781) 326-1288. (781) 326-1289. (781) 326-1290. (781) 326-1291. (781) 326-1292. (781) 326-1293. (781) 326-1294. (781) 326-1295. (781) 326-1296. (781) 326-1297. (781) 326-1298. (781) 326-1299. (781) 326-1300. (781) 326-1301. (781) 326-1302. (781) 326-1303. (781) 326-1304. (781) 326-1305. (781) 326-1306. (781) 326-1307. (781) 326-1308. (781) 326-1309. (781) 326-1310. (781) 326-1311. (781) 326-1312. (781) 326-1313. (781) 326-1314. (781) 326-1315. (781) 326-1316. (781) 326-1317. (781) 326-1318. (781) 326-1319. (781) 326-1320. (781) 326-1321. (781) 326-1322. (781) 326-1323. (781) 326-1324. (781) 326-1325. (781) 326-1326. (781) 326-1327. (781) 326-1328. (781) 326-1329. (781) 326-1330. (781) 326-1331. (781) 326-1332. (781) 326-1333. (781) 326-1334. (781) 326-1335. (781) 326-1336. (781) 326-1337. (781) 326-1338. (781) 326-1339. (781) 326-1340. (781) 326-1341. (781) 326-1342. (781) 326-1343. (781) 326-1344. (781) 326-1345. (781) 326-1346. (781) 326-1347. (781) 326-1348. (781) 326-1349. (781) 326-1350. (781) 326-1351. (781) 326-1352. (781) 326-1353. (781) 326-1354. (781) 326-1355. (781) 326-1356. (781) 326-1357. (781) 326-1358. (781) 326-1359. (781) 326-1360. (781) 326-1361. (781) 326-1362. (781) 326-1363. (781) 326-1364. (781) 326-1365. (781) 326-1366. (781) 326-1367. (781) 326-1368. (781) 326-1369. (781) 326-1370. (781) 326-1371. (781) 326-1372. (781) 326-1373. (781)

****IMPORTANT***FURNISH A COPY OF THE INSTALLATION CONTRACTOR'S PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & DRACING OF THOUS. ANY FAILURE TO BUILD THE DESIGN COMPONENTS WITH APPLICABLE PROVISIONS OF AS/NZS 4069, BY AFAPRA) AND TPL. APPLY PLATES TO EACH JOINT. 2018/160A (H/MS) ASTM A563 GR00T 407.60 (F, K/MS) GALV. STEEL. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. SHAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS, OTHER DESIGN SHOWN. INCLUDING DESIGNER PER AMST/PT 1 SEC. 2. THE RESPONSIBILITY OF THE

No. 59687

REF R487-- 25504

DATE 09/01/05

DRW HCUSR487 05244090

HC-ENG TCE/AF

SEON-	27450
-------	-------

FROM JP

JREF- 1S04487 701

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

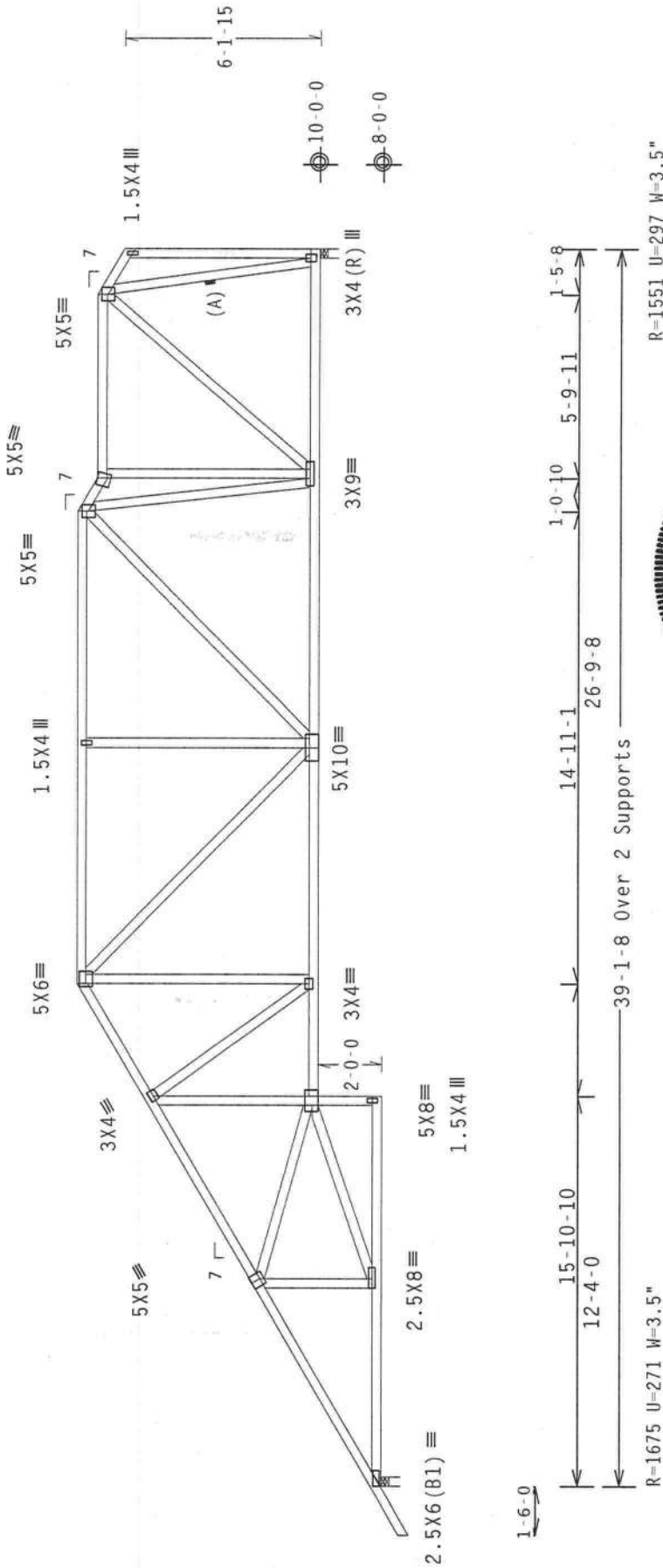
FL Certificate of Authorization # 567
Haines City, FL 33844

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

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

110 mph wind, 12.55 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.



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04

FL/-/3/-/-R/-

Scale = .1875"/Ft.

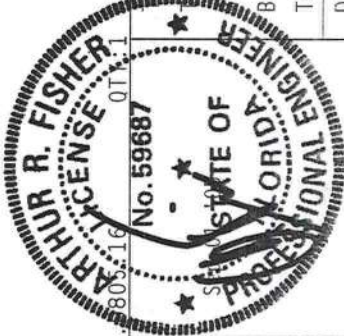
REF	R487 --	25506
DATE	09/01/05	
DRW	HCUSR487 05244092	
HC-ENG	TCE/AF	*
SEQN	27782	
FROM	JP	
JREF	1S04487_Z01	

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, REFER TO BCST 1-03 BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE NATIONAL ASSOCIATION OF BUILDING OFFICIALS, 1100 N. MICHIGAN, 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 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, REFER TO BCST 1-03 BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE NATIONAL ASSOCIATION OF BUILDING OFFICIALS, 1100 N. MICHIGAN, 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 RIGID CEILING.

ALPINE

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

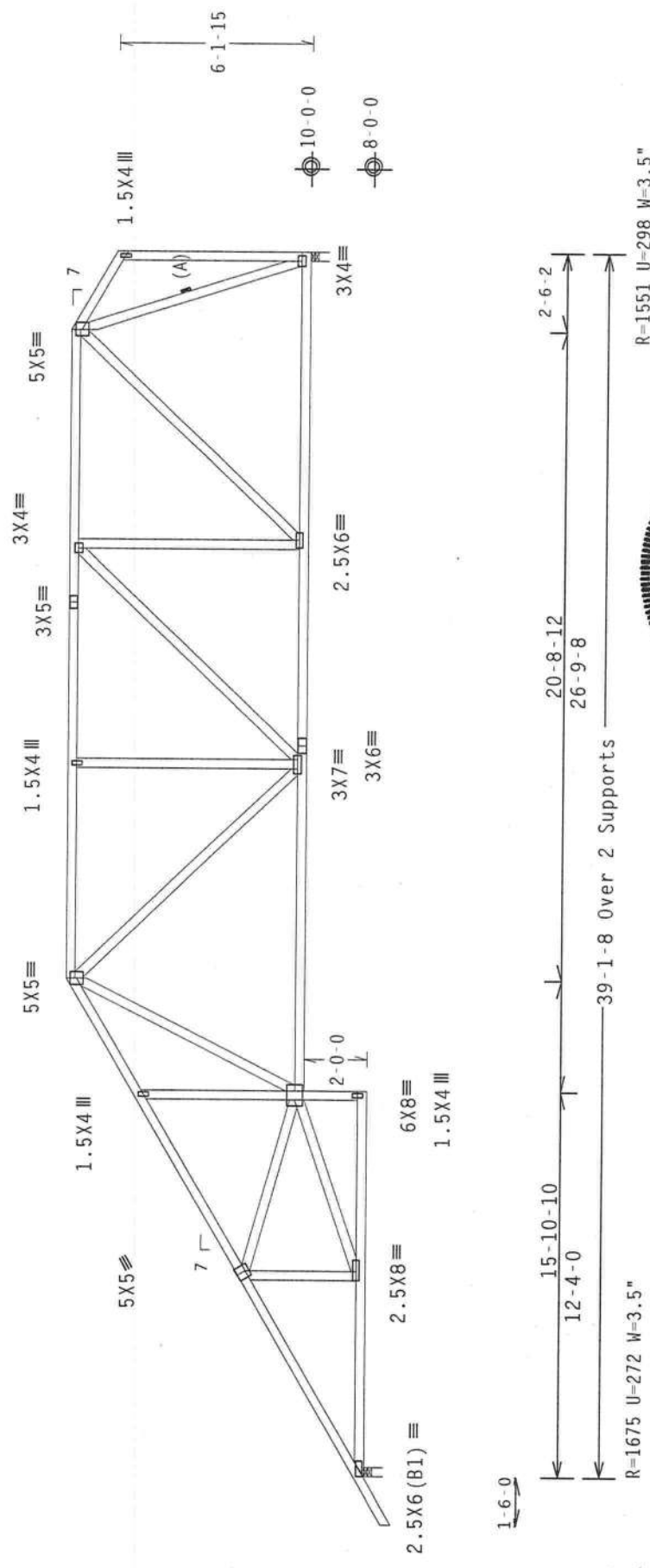


110 mph wind, 12.55 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf

(A) Continuous lateral bracing equally spaced on member.

Right end vertical not exposed to wind pressure.

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



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04

FL1-131-1-1R1-

Scale = .1875" / Ft.

*WARNING: * TROUSERS REQUIRE CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLATION AND DRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 5803 D'AMORIO 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 **** *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 FABRICATING FIRMS IN COMPLIANCE WITH TPI: OR FABRICATING, HANDING, SHIPPING, INSTALLING & BRACING OF TRUSSES. CONFORMS WITH ALL APPLICABLE PROVISIONS OF MOD. NATIONAL DESIGN SPEC., BY AIA/ASD AND TPI. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE TRUSS COMPONENTS. THE TRUSS SHALL BE FABRICATED IN ACCORDANCE WITH THE DESIGN AND THE TRUSS SHALL BE DELIVERED TO THE SITE TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMBEX A-3 OF 1911-2002 SEC.2. A SEAL ON THIS TRUSS INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN. THE SEAL OF THIS CONTRACTOR FOR ANY HOLDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMBEX A-3 SEC. 2.



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

FL, Certificate of Authorization # 567

	LL	20.0 PSF	REF R487 - - 25507
	DL	10.0 PSF	DATE 09/01/05
	DL	10.0 PSF	DRW HCUSR487 05244093
	BC LL	0.0 PSF	HC-ENG TCE/AF *
	TOT.LD.	40.0 PSF	SEQN - 27794
DUR.FAC.		1.25	FROM JP
SPACING		24.0"	JREF - 1S04487 Z01

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

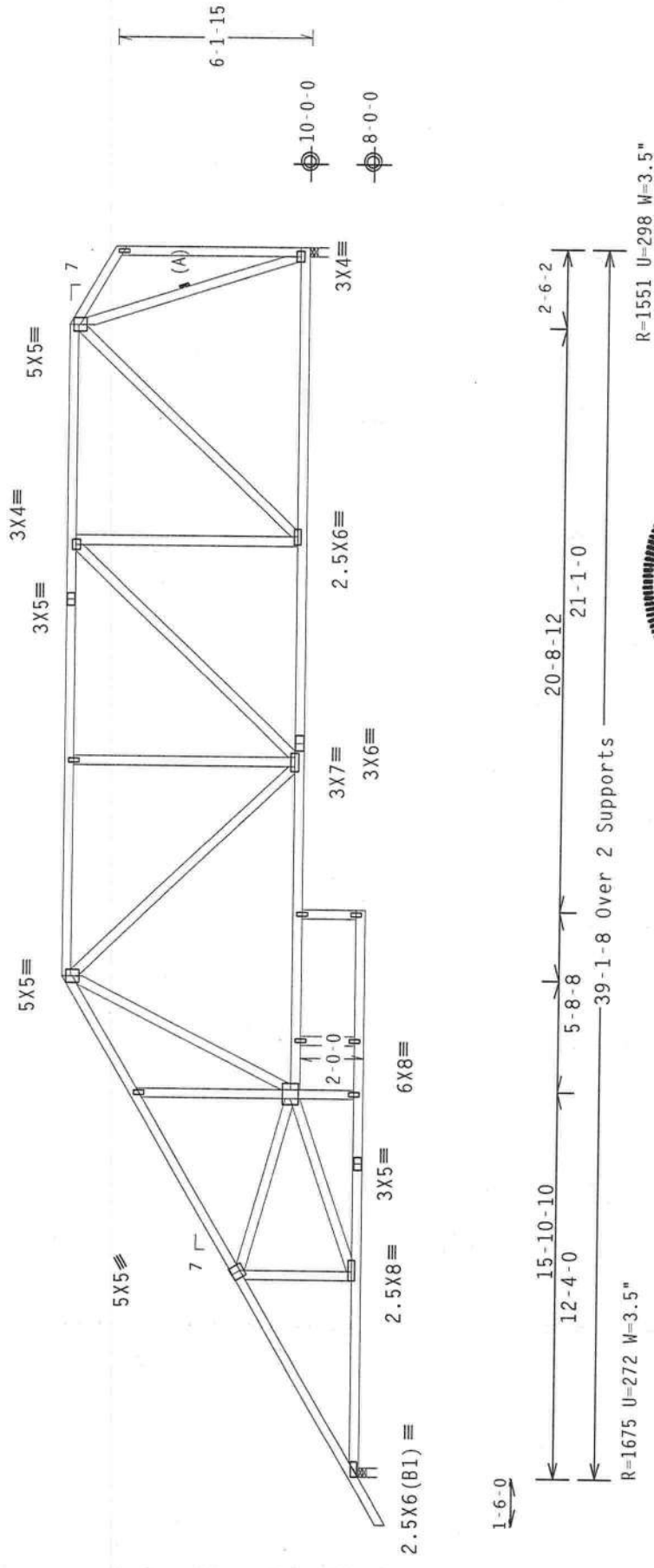
110 mph wind, 12.55 ft mean hgt., ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

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

Laterally brace BC at 24" OC in lieu of rigid ceiling.
Laterally brace BC above filler at 24" OC including a lateral brace at chord ends.



Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave TPI

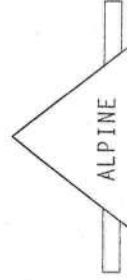
Design Crit: TPI-1995(STD)/FBC

7.04

Scale = .1875"/Ft.

FL/-/3/-/-/R/-

REFER TO RCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS VALLEY INSTITUTE, 503 O'CONNOR 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.

[illegible]

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

FL Certificate of Authorization # 567

REF	R487 -	25508
DATE	09/01/05	
DRW	HCUSR487	05244094
HC-ENG	TCE/AF	
SEQN -	27809	
FROM	JP	
JREF -	1S04487	Z01

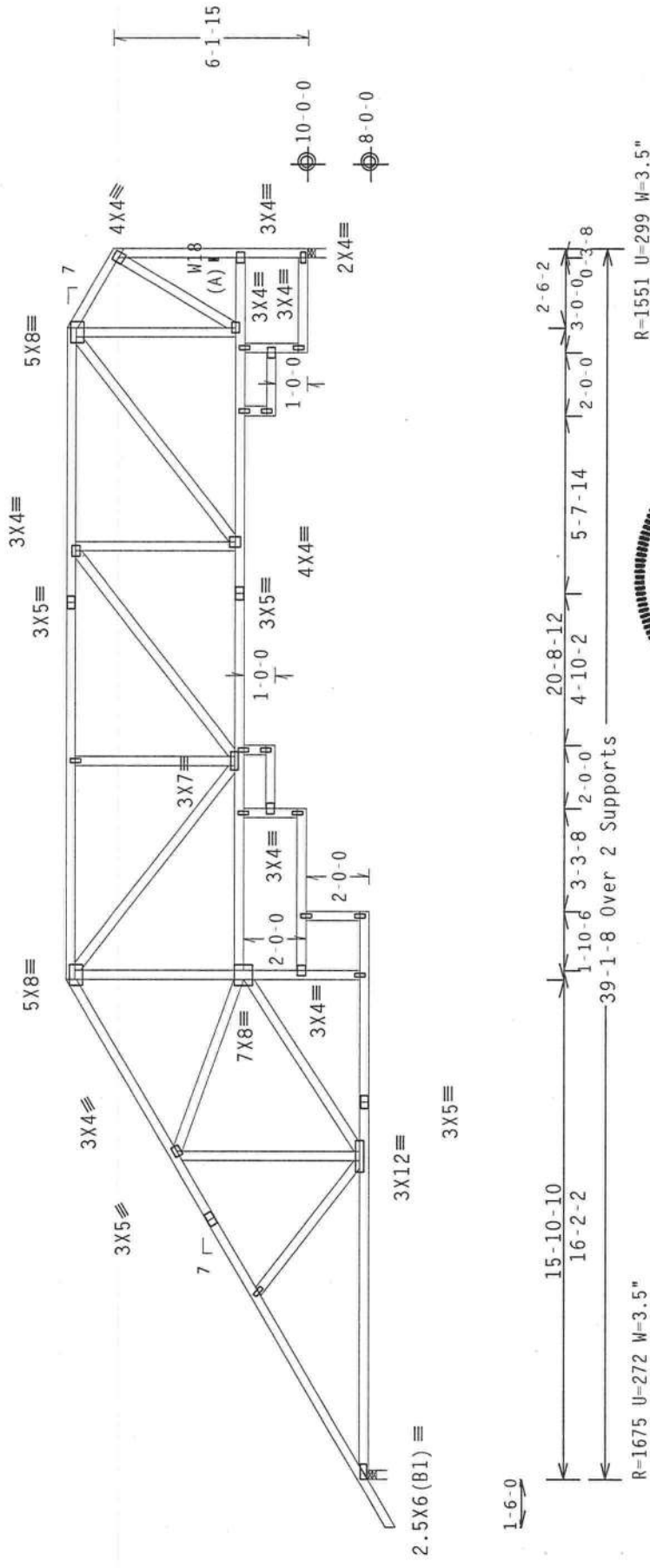
Webs 2x4 SP #3 :W18 2x4 SP #2 Dense:

(A) Continuous lateral bracing equally spaced on member.

(A) continuous lateral bracing equally spaced on member:

Laterally brace BC at 24" OC in lieu of rigid ceiling.

Laterally brace BC above filler at 24" OC including a lateral brace at chord ends.



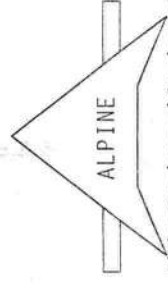
Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04.0805.16 OT:3 EL/-/3/-/-/R/-

Scale = 1875"/Ft.



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

* * *WARNING** FUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THESE FUSSES ARE AVAILABLE FROM THE FOLLOWING COMPANIES: SHAW PLATE, INC., 583 O'DRAPER DR., SUITE 200, MADISON, WI 53719; AND FUSSE ENGINEERING, INC., 1000 W. MADISON, WI 53719. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, PLEASE CONSULT THE UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED TOP CHORD GIRD.

****IMPORTANT****—FURNISH A COPY OF THE INSTALLATION CONTRACTOR. 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 APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA) AND TP1. CORRECTOR PLATES ARE AVAILABLE FOR 2018/16GA (H/H/S/K) ASTM A553 GRADE 40/60 (H, K/H/S) GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON DESIGN, POSITION PER PROVISIONS 160A-2. ANY DISSECTION OF PLATES FOLLOWED BY A33 SHALL BE PER ANNEX A4 OF TP11-2002-SEC. 3. A SEAL ON THE



	C LL	20.0	PSF	REF R487 - - 25510
	C DL	10.0	PSF	DATE 09/01/05
	SC DL	10.0	PSF	DRW HCURS487 05244096
	BC LL	0.0	PSF	HC-ENG TCE/AF
	TOT.LD.	40.0	PSF	SEQN - 27728
	DUR.FAC.	1.25		FROM JP
	SPACING 24.0"			JREF - 1S04487_Z01

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

110 mph wind, 12.55 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.

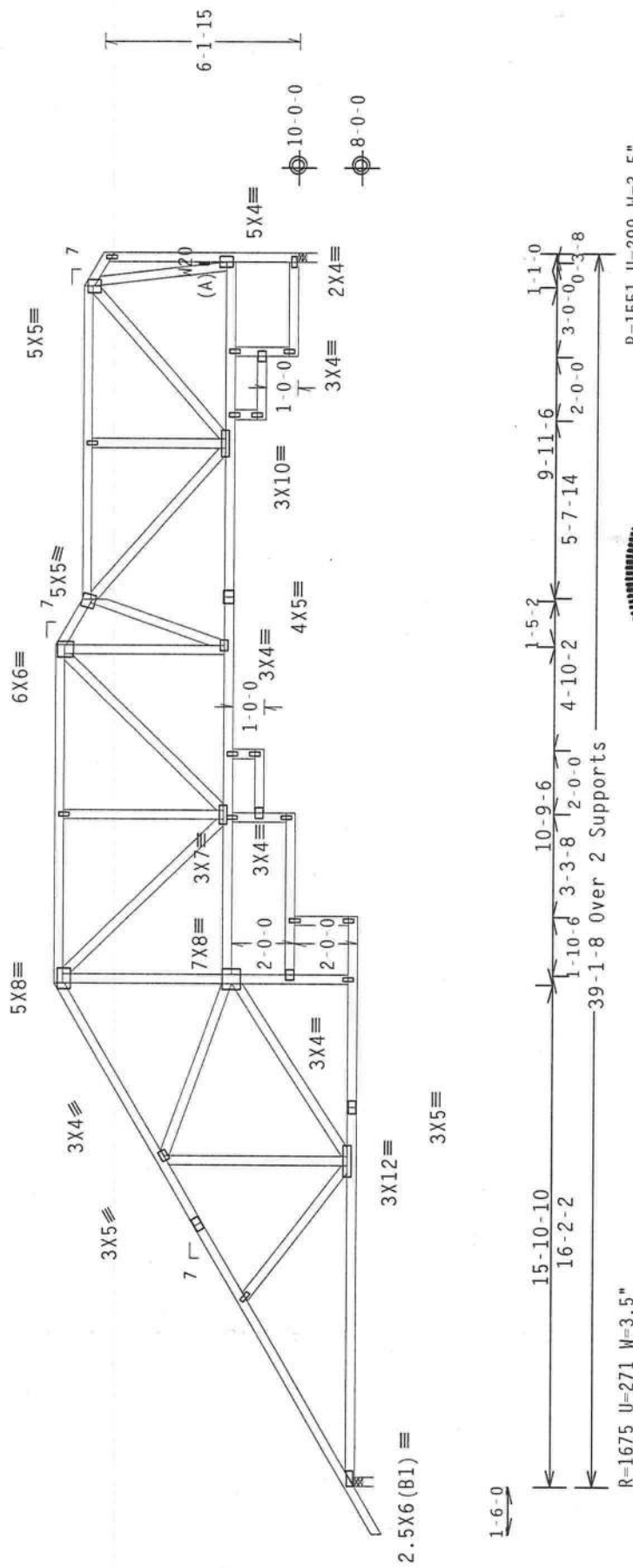
Calculated horizontal deflection is 0.21" due to live load and 0.20" due to dead load.

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

Laterally brace BC at 24" OC in lieu of rigid ceiling.
Laterally brace BC above filler at 24" OC including a
lateral brace at chord ends.

Right end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.



Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/ERC

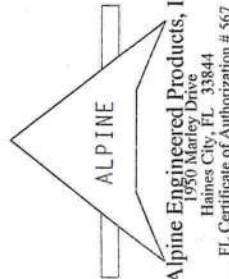
704

El 1-131-1-1p1-

Scale = .1875"/Ft.

WARNING: TRUSSES EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BECS 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSSING PLATE INSTITUTE, 583 0'ONFORD 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 CHORDING.

* IMPORTANT - *FURNISH A COPY OF THIS DESIGN TO AN INSTALLATION CONTRACTOR. ALPINE ENGINEERS & DESIGNERS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. PROVIDIONS OF NDS (NATIONAL DESIGN SPEC., BY AIA/DA) AND TPI1. ALPINE CONNECTIONS ARE MADE OF STEEL. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS TPOA-2, TPOA-3, TPOA-4, TPOA-5, TPOA-6, TPOA-7, TPOA-8, TPOA-9, TPOA-10, TPOA-11, TPOA-12, TPOA-13, TPOA-14, TPOA-15, TPOA-16, TPOA-17, TPOA-18, TPOA-19, TPOA-20, TPOA-21, TPOA-22, TPOA-23, TPOA-24, TPOA-25, TPOA-26, TPOA-27, TPOA-28, TPOA-29, TPOA-30, TPOA-31, TPOA-32, TPOA-33, TPOA-34, TPOA-35, TPOA-36, TPOA-37, TPOA-38, TPOA-39, TPOA-40, TPOA-41, TPOA-42, TPOA-43, TPOA-44, TPOA-45, TPOA-46, TPOA-47, TPOA-48, TPOA-49, TPOA-50, TPOA-51, TPOA-52, TPOA-53, TPOA-54, TPOA-55, TPOA-56, TPOA-57, TPOA-58, TPOA-59, TPOA-60, TPOA-61, TPOA-62, TPOA-63, TPOA-64, TPOA-65, TPOA-66, TPOA-67, TPOA-68, TPOA-69, TPOA-70, TPOA-71, TPOA-72, TPOA-73, TPOA-74, TPOA-75, TPOA-76, TPOA-77, TPOA-78, TPOA-79, TPOA-80, TPOA-81, TPOA-82, TPOA-83, TPOA-84, TPOA-85, TPOA-86, TPOA-87, TPOA-88, TPOA-89, TPOA-90, TPOA-91, TPOA-92, TPOA-93, TPOA-94, TPOA-95, TPOA-96, TPOA-97, TPOA-98, TPOA-99, TPOA-100, TPOA-101, TPOA-102, TPOA-103, TPOA-104, TPOA-105, 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TPOA-506, TPOA-507, TPOA-508, TPOA-509, TPOA-510, T



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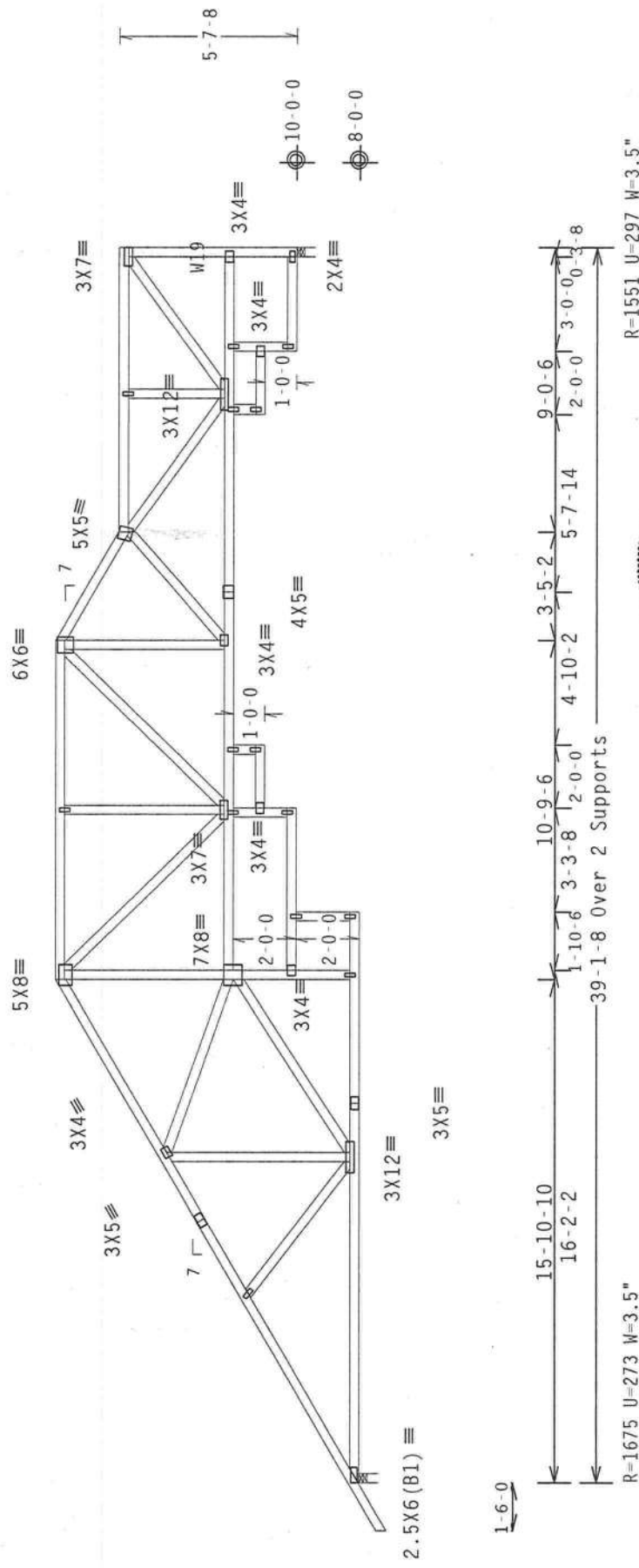
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TOT.C DL	10.0	PSF	DRW HCUSR487 05244097
TOT.BC LL	0.0	PSF	HC-ENG TCE/AF
TOT.LD.	40.0	PSF	SEQN - 27715
DUR.FAC.	1.25		FROM JP
SPACING	24.0"		JREF - 1S04487 Z01

110 mph wind, 12.55 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.
Deflection meets L/360 live and L/240 total load.

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

Laterally brace BC at 24" OC in lieu of rigid ceiling.
Laterally brace BC above filler at 24" OC including a lateral brace at chord ends.



Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave TPI

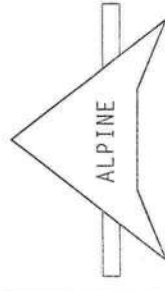
Design Crit: $\text{TPI-1995(STD)}/\text{FBC}$

7.

9T:4030
17:00T0

Scale = .1875" / Ft.

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[illegible]

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



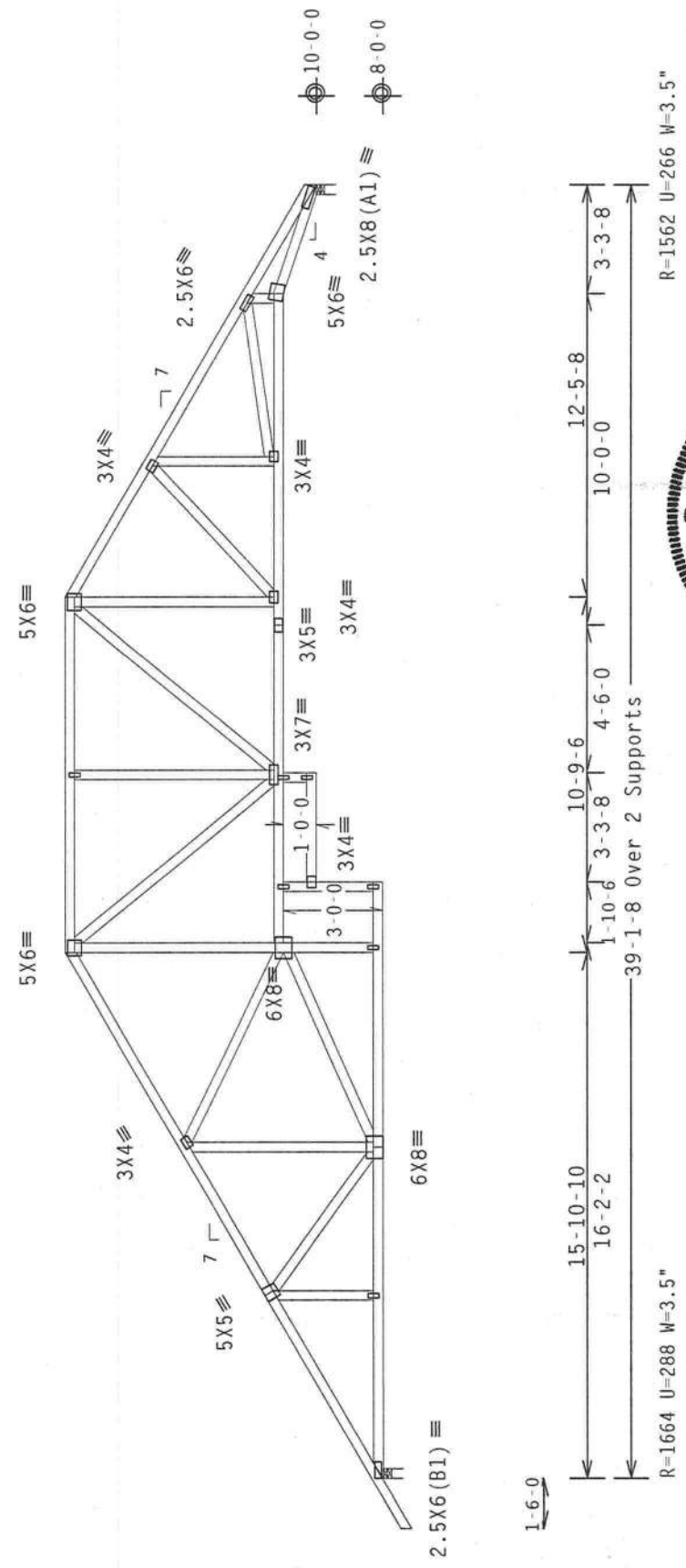
	Top	chord	2x4	SP	#2	Dense
	Bot	chord	2x4	SP	#2	Dense
		webs	2x4	SP	#3	

110 mph wind, 12.55 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

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

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

Laterally brace BC at 24" OC in lieu of rigid ceiling.
Laterally brace BC above filler at 24" OC including a lateral brace at chord ends.



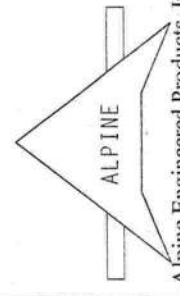
Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.

Scale = .1875"/Ft.



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****IMPORTANT****-FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO FURNISH THIS DOCUMENT WILL BE RESPONSIBILITY OF THE PROJECT OWNER AND NOT THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FABRICATING, ERECTING, SUPPORTING, INSTALLING & TIGHTENING OF THOUSDS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MOD NATIONAL DESIGN SPEC, PER A790A AND IPI. ALPINE CONNECTOR PLATES ARE MADE OF 2010/T6AL (WJ/SYMS) ASTM A653 GRADE 40-60 (U_T, K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, PER DRAWINGS 160A-Z. AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A.3 OF IPII-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE THOUSDS COMPONENT DESIGN SHOWN. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AS/AF/PFI 1 SEC. 2.



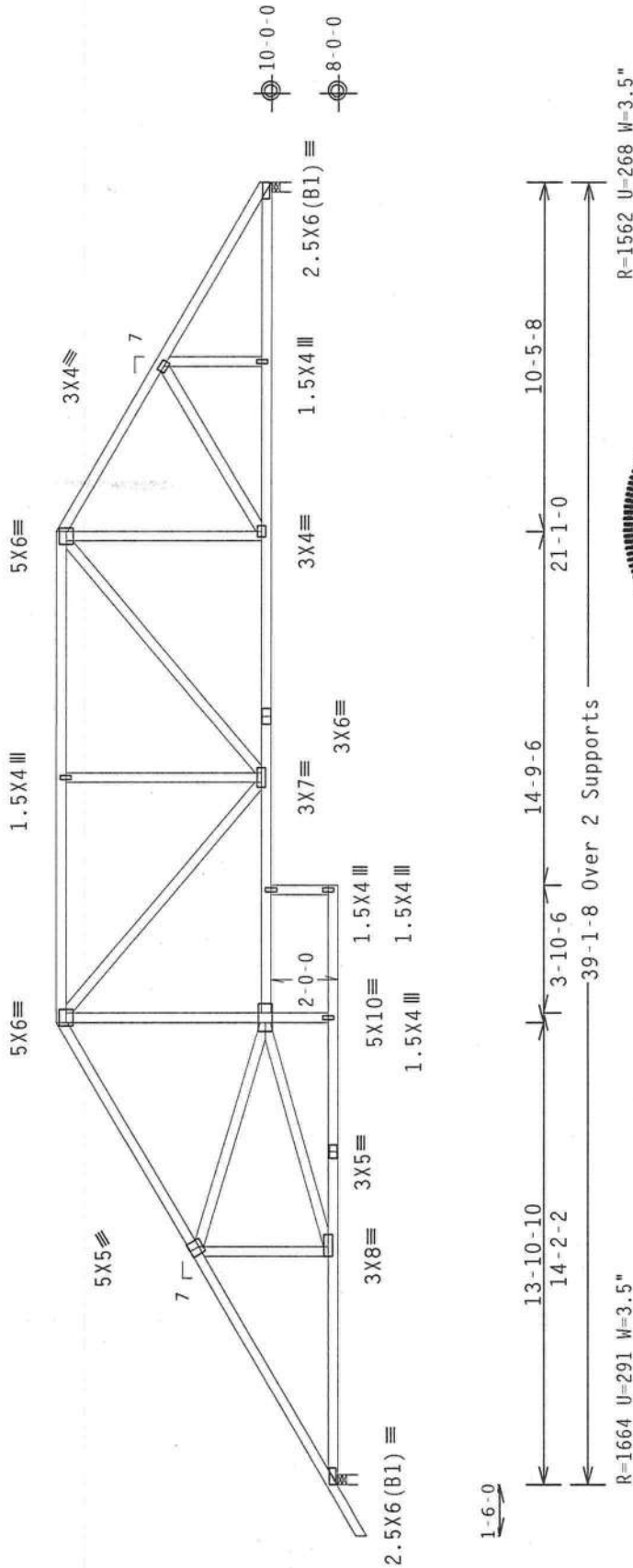
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DATE 09/01/05	DATE 09/01/05
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HC-ENG TCE/AF	HC-ENG TCE/AF
SEQN- 27561	SEQN- 27561
FROM JP	FROM JP
JREF- 1S04487_Z01	JREF- 1S04487_Z01

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

110 mph wind, 11.97 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.

Laterally brace BC at 24" OC in lieu of rigid ceiling.
Laterally brace BC above filler at 24" OC including a lateral brace at chord ends.

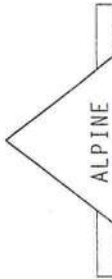


PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04

Scale = .1875"/Ft.



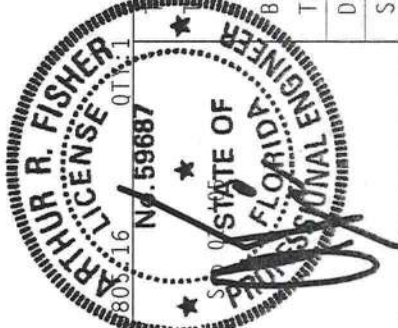
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FOR A COMPLETE LIST OF ALL TRUSS MANUFACTURERS, VISIT US ONLINE AT [WWW.TRUSSINFO.ORG](http://www.trussinfo.org)

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HADDONSBURG, VA 52719. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED,
TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED
RIGID CEILING.

*IMPORTANT: *FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. *ALPINE ENGINEERS & ARCHITECTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE INSTALLATION CONTRACTOR'S INTERPRETATION OF THE DESIGN, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, OR ANY OTHER CONSTRUCTION OF THE TRUSS, SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. *CONNECTION PLATES ARE MADE OF 2019/160A IN 40/60 (IN 4/16) GALV STEEL. *PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, 95%33.1 PER DRAWINGS 160A.7. *ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMT X OF TPT1-2009-352. *A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF THE DESIGN. *THIS SEAL DOES NOT CONSTITUTE AN ENDORSEMENT OF THE DESIGN OR THE TRUSS COMPONENT OF THE INSTALLATION DESIGNER PER AMT 171.1 SEC. 2.



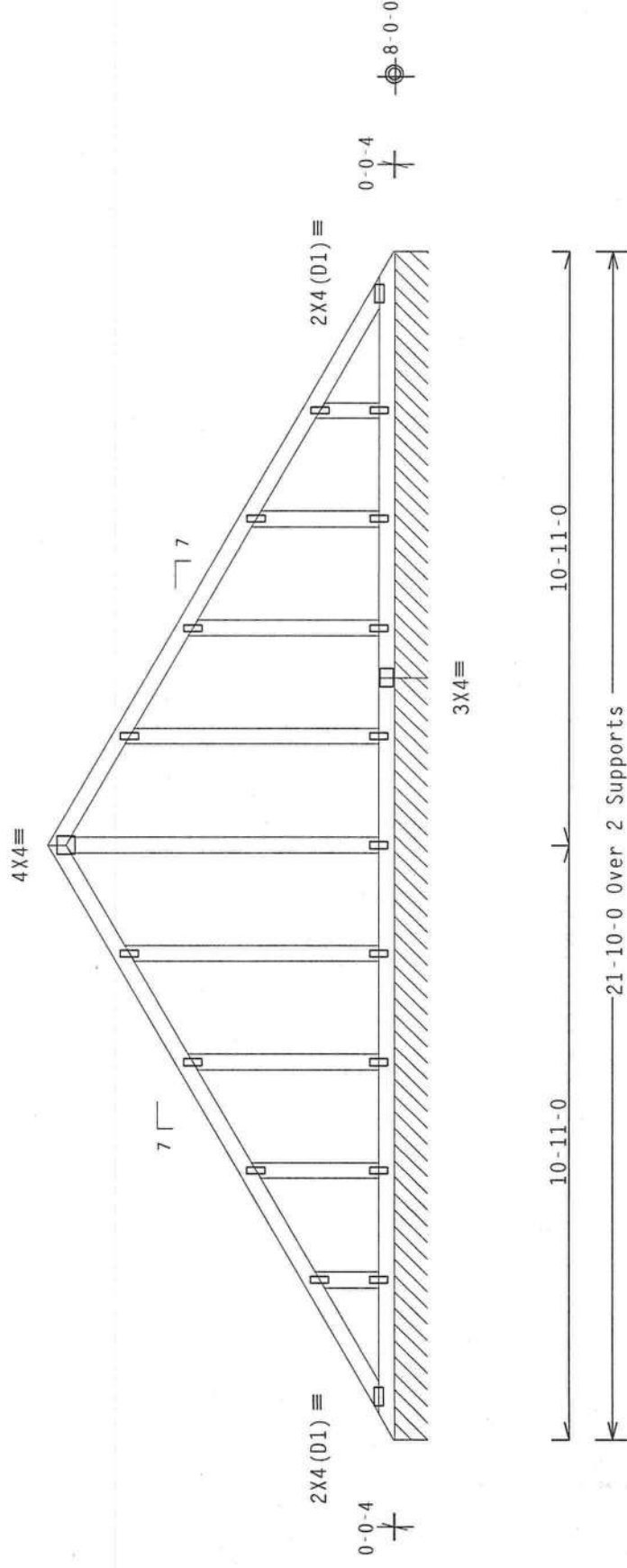
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TOT.LD.	40.0	PSF	SEQN -	27608	
DUR.FAC.	1.25		FROM	JP	
SPACING	24.0"		JREF -	1S04487_Z01	

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

110 mph wind, 11.34 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.

See DWGS A11015EC1103 & GBULLETIN0405 for more requirements.



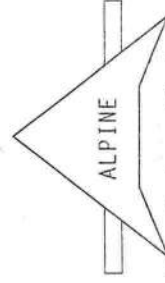
Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.

Scale = .3125"/Ft.



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* IMPORTANT * TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THIS NATIONAL DESIGN SPEC. BY AFPA) AND TPI. ALL THE 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 AFPA X 4 OF TPI-2608 SEC-2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT BUILDING, INCLUDING PER ANSIPART 17.1 SPEC-2.

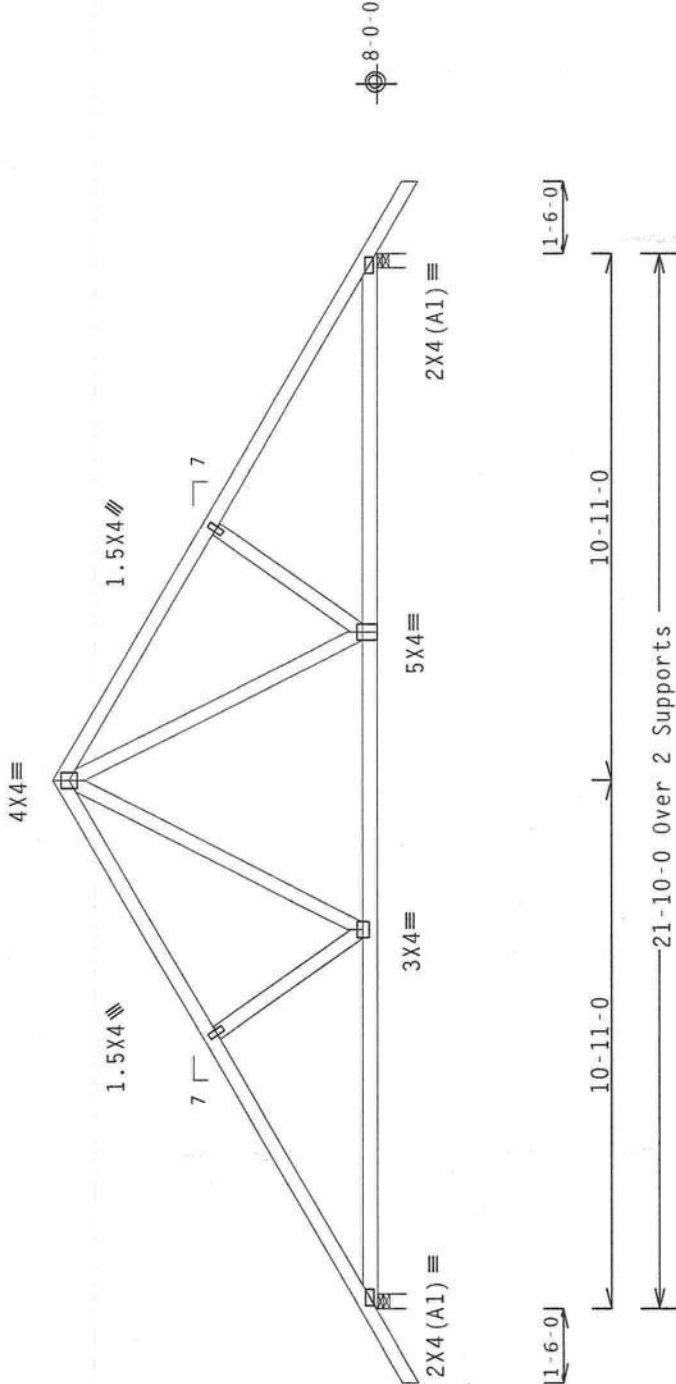


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TOT.LD.	40.0	PSF	SEQN-	9494	
DUR.FAC.	1.25		FROM	JP	
SPACING	24.0"		JREF-	1S04487	Z01

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, 11.11 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.



PLT TYP. Wave TPI

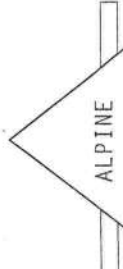
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7.040805.16

Scale = .25" / Ft.

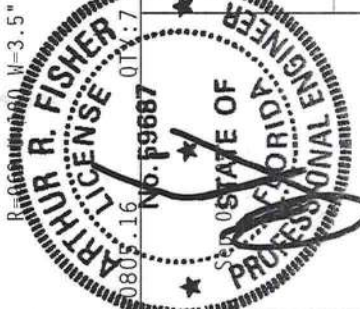
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO UCS 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 O'HONORE DR., SUITE 200, MADISON, WI 53719) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE 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 2018/18/18GA (4/15/19) ASTM A553 GRADE 40/60 (4/ 4/15/19) GALV. STEEL. APPLY PLATES TO EACH FACE OF EACH TRUSS AND UNLESS OTHERWISE SPECIFIED, ALL TRUSSES SHALL BE BUILT TO MEET THE DESIGN REQUIREMENTS. ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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C LL	20.0 PSF
C 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--	25517
DATE	09/01/05	
DRW	HCUSR487	05244103
HC-ENG	TCE/AF	*
SEQN-	9488	
FROM	JP	
JREF-	1S04487_Z01	

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



Scale = .3125"/Ft.

Scale = .3123 / Fl.
DFF D407 25510

HC-ENG TCE / AF

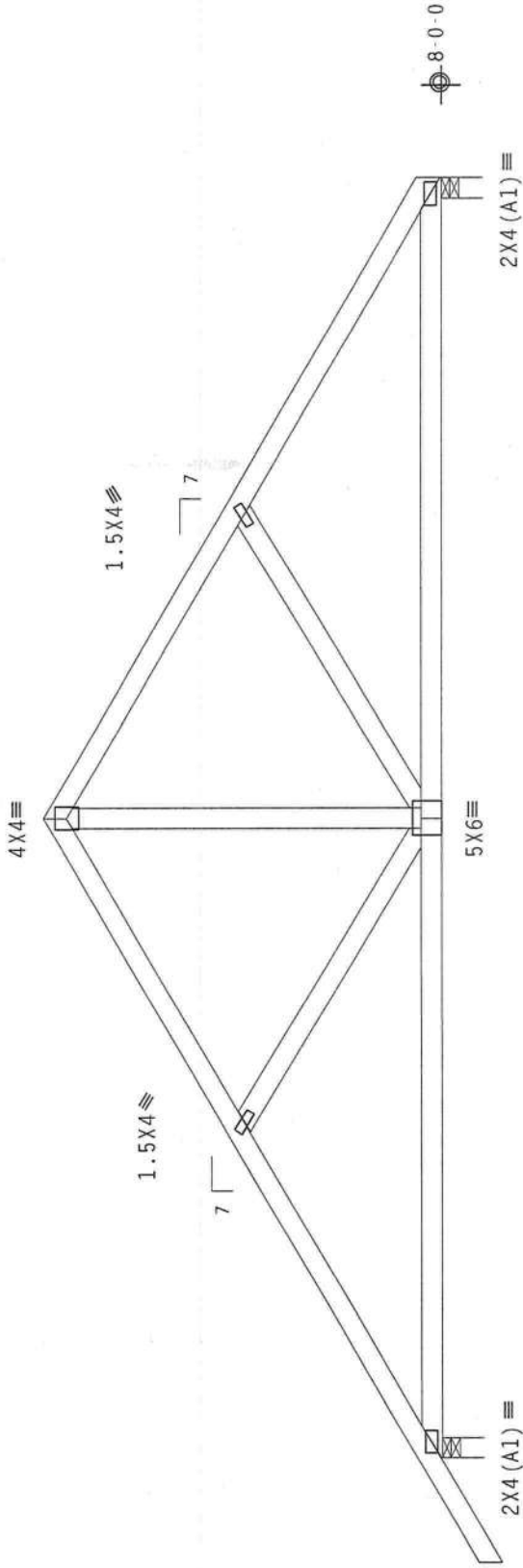
FROM JP
JREF- 1S04487 701

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, 10.59 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.



1'-6-0" 9'-2-0" 9'-2-0" 18'-0-0" Over 2 Supports

R=835 U=180 W=3.5" R=728 U=180 W=3.5"

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04.000

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 BEST 1-03 BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (PRESS PLATE INSTITUTE), 563 BOSTON, MA 02111, 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.

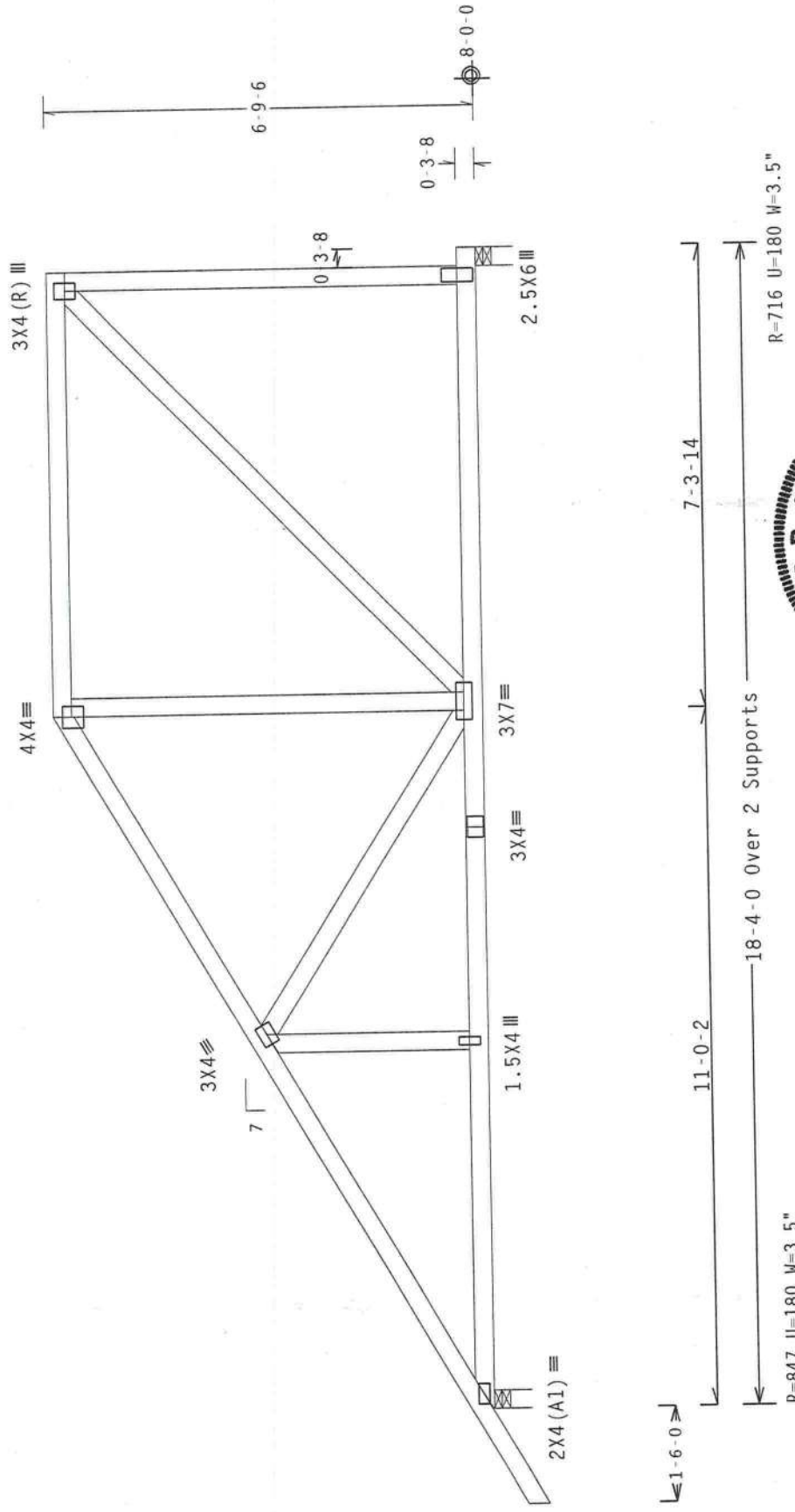
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HDS (NATIONAL DESIGN SPEC. BY AIA/PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (4.4/5.5/6.6) ASTM A653 GRADE 40/60 (4.4/5.5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



REF	R487 --	25521
DATE	09/01/05	
DRW	HCUSR487	05244107
HC-ENG	TCE/AF	*
SEQN	27376	
FROM	JP	
JREF	1S04487_Z01	

JREF- 1SQ4487_Z01

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



$P=847$ $II=180$ $W=3$ $5''$

-18-4-0 Over 2 Supports

R=716 U=180 W=3.5"

Scale = .375"/Ft.

El 1-131-1-1R/-

16

704

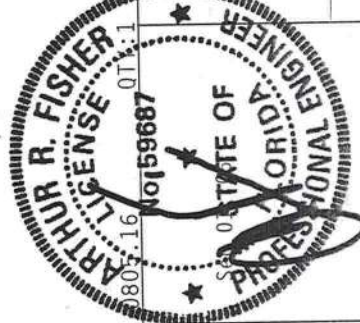
100

PIT TYP. Wave TPI

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

***** IMPORTANT ***** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERING PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY ATTEMPT TO BUILD THE TRUSS IN CONFORMANCE WITH TP1: OR FABRICATING, HANDLING, OR INSTALLING AND BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS FROM THIS DESIGN SPEC. (BY AISC/AI) AND TP2: ALPINE CONNECTOR PLATES ARE INDICATED BY THE DESIGN SPEC. (BY AISC/AI) AND TP3: GALV. STEEL, APPLY PLATES TO EACH CHORD AND END PLATE, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS T60A-2. 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
Alpine Engineered Products,
1950 Marley Drive
Haines City, FL 33844
Certificate of Authorization # 562



REF	R487 -	25523
DATE	09/01/05	
DRW	HCUSR487	05244109
HC-ENG	TCE/AF	*
SEQN -	27399	
FROM	JP	
JREF -	1S04487_Z01	

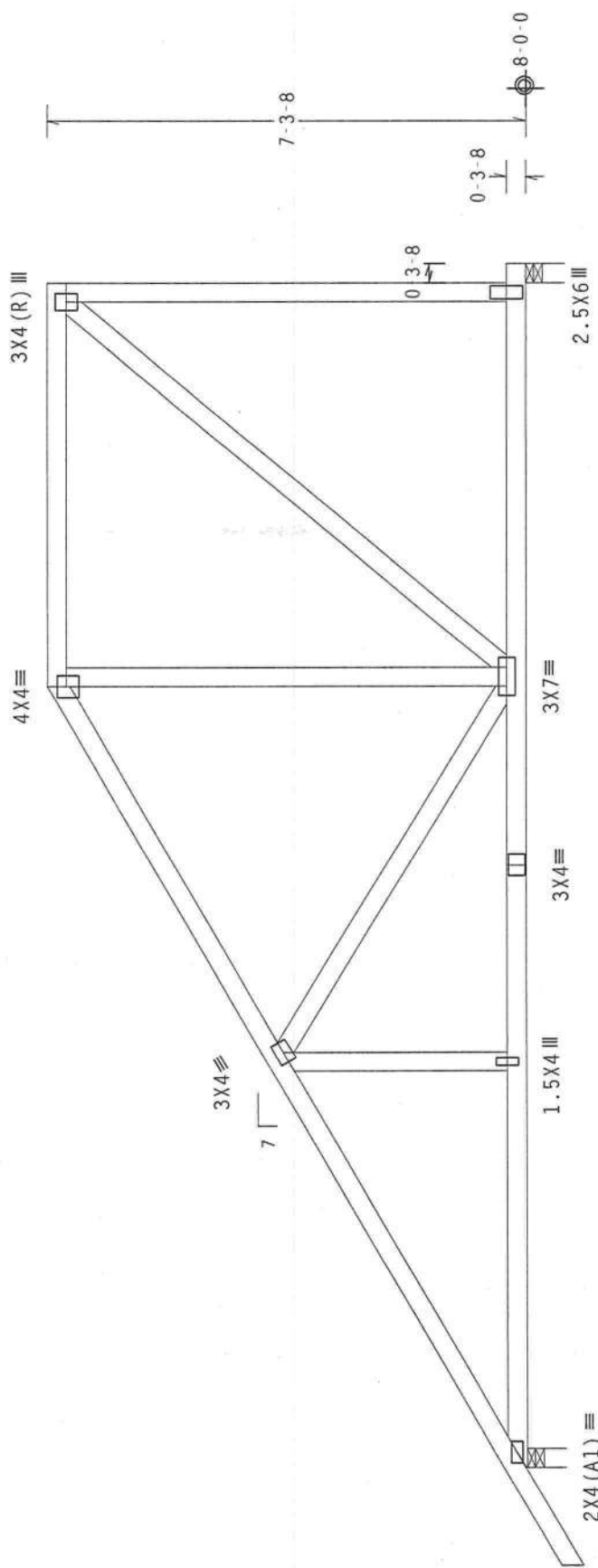
(5-361-ERKINGER BUILDERS-WOOLEY - C6)

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, 11.39 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.



18-4-0 Over 2 Supports
R=847 U=180 W=3.5"
R=716 U=188 W=3.5"



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

PLT TYP. Wave TPI

Design Crit: TPI-1995 (STD)/FBC

7.04 0803.16 7.04 0803.16

Scale = .375"/Ft.

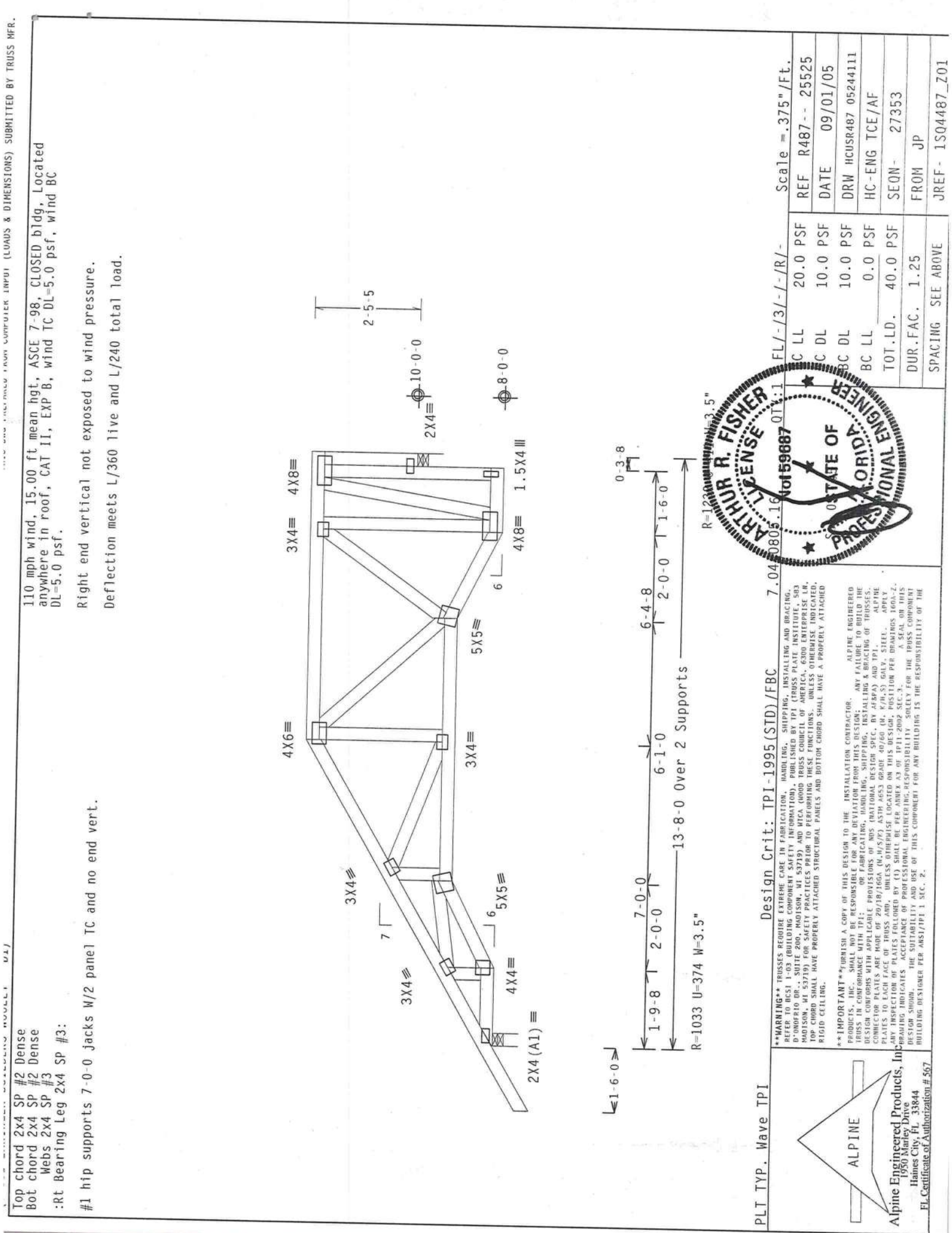
REF	R487 --	25524
DATE	09/01/05	
DRW	HCUSR487	05244110
HC-ENG	TCE/AF	*
SEQN	27410	
FROM	JP	
JREF	1S04487_Z01	

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

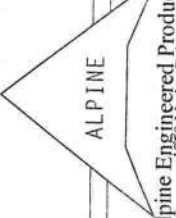
IMPORTANT TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OF FABRICATION, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH TPI: PROVISIONS AND MTCA (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.

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.

ARTHUR R. FISHER
LICENSE
No. 59687
STATE OF
FLORIDA
PROFESSIONAL ENGINEER



Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Rt Bearing Leg 2x4 SP #3:
#1 hip supports 7-0-0 jacks W/2 panel TC and no end vert.
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.
Right end vertical not exposed to wind pressure.
Deflection meets L/360 live and L/240 total load.

PLT TYP. Wave TPI		Design Crit: TPI-1995(STD)/FBC		7.04-0805.16		QTY: 1		FL/-/3/-/R/-		Scale = .375"/Ft.	
						0159687		C LL 20.0 PSF		REF R487 -- 25525	
						STATE OF FLORIDA		C DL 10.0 PSF		DATE 09/01/05	
						PROFESSIONAL ENGINEER		BC DL 10.0 PSF		DRW HCUR487 05244111	
Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844								TOT.LD. 40.0 PSF		HC-ENG TCE/AF	
								DUR.FAC. 1.25		SEQN- 27353	
								SPACING SEE ABOVE		FROM JP	
										JREF- 1S04487_Z01	

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO (BES) FOR COMPLETMENT SAFETY INFORMATION. PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200 MADISON, MI 48061) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO ANY DESIGN CONSIDERATIONS. 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 SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH APPLICABLE PROVISIONS (NATIONAL DESIGN SPEC, RV A/B/C) AND TPI. ALPINE DESIGN CONFORMS WITH APPLICABLE PROVISIONS (NATIONAL DESIGN SPEC, RV A/B/C) GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DRAWING (H, K/P/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DRAWING (H, K/P/S) GALV. STEEL. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANHX A.3 OF TPI-2002 SEC. 2.1. PER DRAWINGS 160A-2. DISCREPANCY INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING, RESPONSIBILITY OF THE TRUSS COMPANY'S DESIGNING THE TRUSS. THE TRUSS COMPANY'S DESIGNING THE TRUSS SHALL BE RESPONSIBLE FOR THE TRUSS COMPANY'S DESIGNING THE TRUSS. 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110 mph wind, 10.55 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC II=5.0 psf, wind BODL=5.0 psf.

Right end vertical not exposed to wind pressure.

Laterally brace BC at 24" OC in lieu of rigid ceiling.
Laterally brace BC above filler at 24" OC including a
lateral brace at chord ends.



FL / - 3 / - K	C LL	20.0 PSF	REF	R487 - -	25526
	C DL	10.0 PSF	DATE	09/01/05	
	BC DL	10.0 PSF	DRW	HCUSR487	0524411
	BC LL	0.0 PSF	HC-ENG	TCE/AF	
	TOT.LD.	40.0 PSF	SEQN-	9778	
	DUR.FAC.	1.25	FROM	JP	
	SPACING	24.0"	JREF-	1S04487_Z01	

DIT TYP Wave TPI

****IMPORTANT**** *FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERS
PRODUCTS, INC. SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE
DESIGN SHALL BE RESPONSIBLE FOR THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF THE
PRODUCTS, INC. PRODUCTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF THE PRODUCTS, INC. PRODUCTS.
ON FABRICATING, HANDLING, SHIPPING, UNLOADING, AND BRACING OF TROUSERS. ALPINE
DESIGN CONTRACTORS WITH APPLICABLE PROVISIONS OF THIS NATIONAL SPECIFICATION BY AEPKO AND TPEL
CONNECTOR PLATES ARE MADE OF 2019/16GA. (41H/57H) ALUMINUM 4090/10 (W, 41H/5) GALV. STEEL. APPLY
PLATES TO EACH FACE OF TROUSERS, AND UNLESS OTHERWISE SPECIFIED, POSITION PER DRAWINGS 160A-2. A SEAL
INSPECTION OF PLATES FOLLOWED BY PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE COMPONENT
DRAWING INDICATES ACCEPTABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE
DESIGN SHOWN. (SEE PER AEPKO/113 SEC. 2.)



(5-361-ERKINGER BUILDERS-WOOLEY - D3)

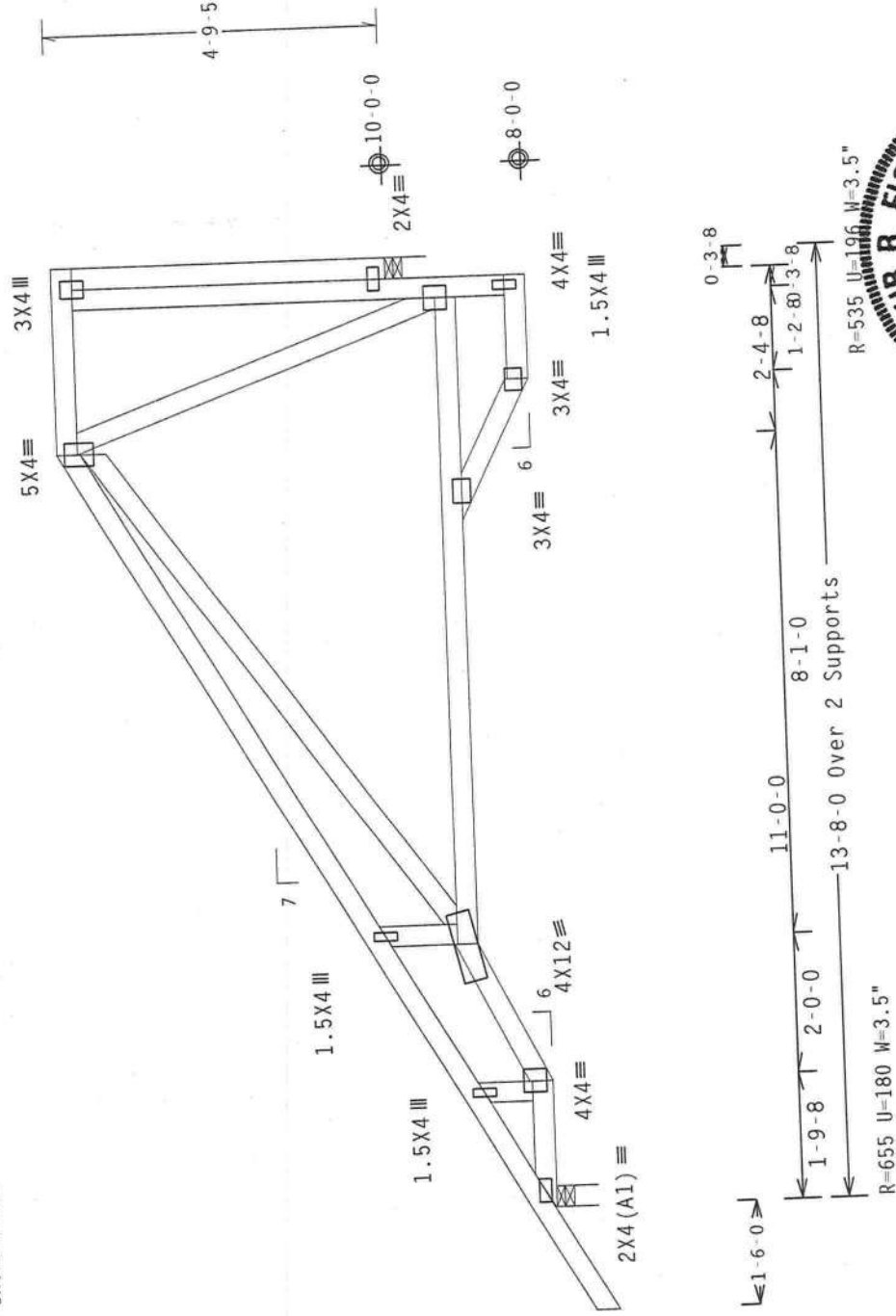
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Rt Bearing Leg 2x4 SP #3:

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

Laterally brace BC at 24" OC in lieu of rigid ceiling.
Laterally brace BC above filler at 24" OC including a
lateral brace at chord ends.

110 mph wind, 11.13 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.

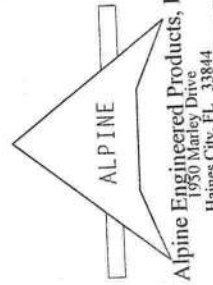


FL / - / 3 / - / - / R / -	Scale = .375" / Ft.
C LL	20.0 PSF
C DL	10.0 PSF
C DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	40.0 PSF
DUR.FAC.	1.25
SPACING	24.0"
REF	R487 -- 25527
DATE	09/01/05
DRW	HCUR487 05244113
HC-ENG	TCE/AF
SEQN	9772
FROM	JP
JREF	1S04487_Z01



Design Crit: TPI-1995(STD)/FBC

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE BUILDING COMPONENT SAFETY INFORMATION PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'AMORE ST., SUITE 200, MADISON, WI 53719) AND WITH THE BUILDING CODES AND STANDARDS OF THE BUILDING INDUSTRY SHALL BE THE RESPONSIBILITY OF THE USER. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

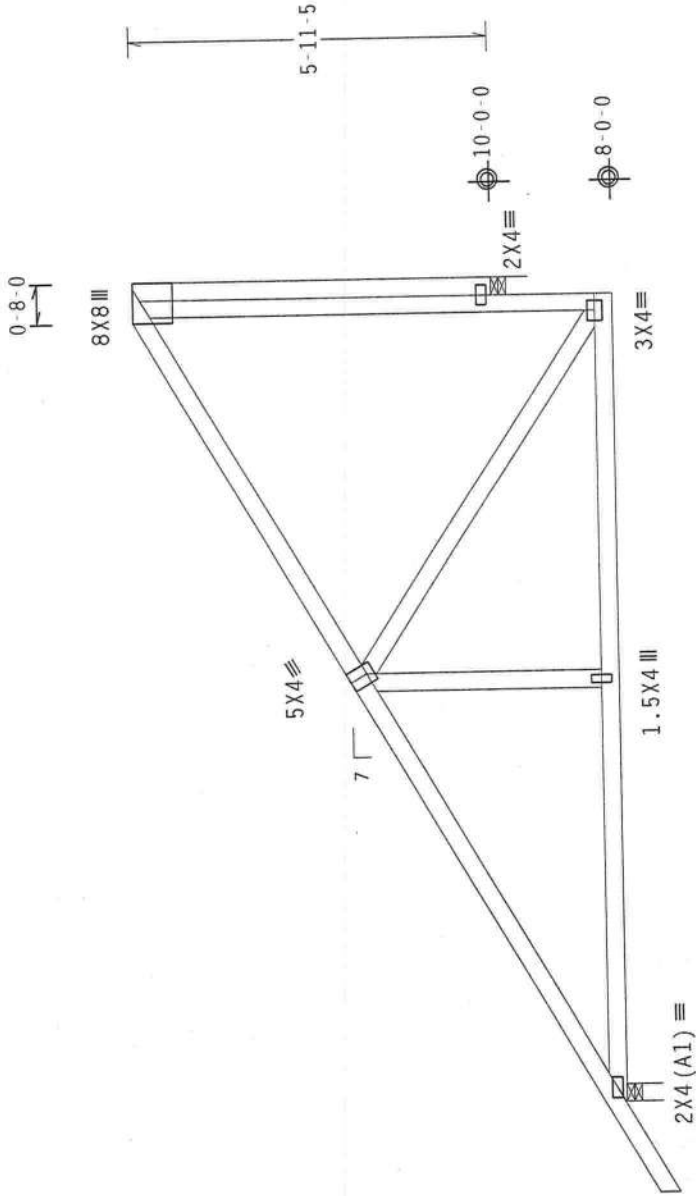


Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Rt Bearing Leg 2x4 SP #3:

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

110 mph wind, 11.71 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.



L1-6-0

0-3-8

R-655 U=180 W=3.5"

13-8-0 Over 2 Supports

R-513 U=217 W=3.5"

PLT TYP. Wave TPI

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

ET Certificate of Authorization # 567

Design Crit: TPI-1995(STD)/FBC

Scale = .3125"/Ft.

REF	R487--	25528
DATE	09/01/05	
DRW	HCUSR487	05244114
HC-ENG	TCE/AF	
SEQN-	9763	
FROM	JP	
JREF-	1S04487_Z01	

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

Scale = .3125"/Ft.

REF	R487--	25528
DATE	09/01/05	
DRW	HCUSR487	05244114
HC-ENG	TCE/AF	
SEQN-	9763	
FROM	JP	
JREF-	1S04487_Z01	

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

Scale = .3125"/Ft.

REF	R487--	25528
DATE	09/01/05	
DRW	HCUSR487	05244114
HC-ENG	TCE/AF	
SEQN-	9763	
FROM	JP	
JREF-	1S04487_Z01	

(5-361-ERKINGER BUILDERS-WOOLEY - D6)

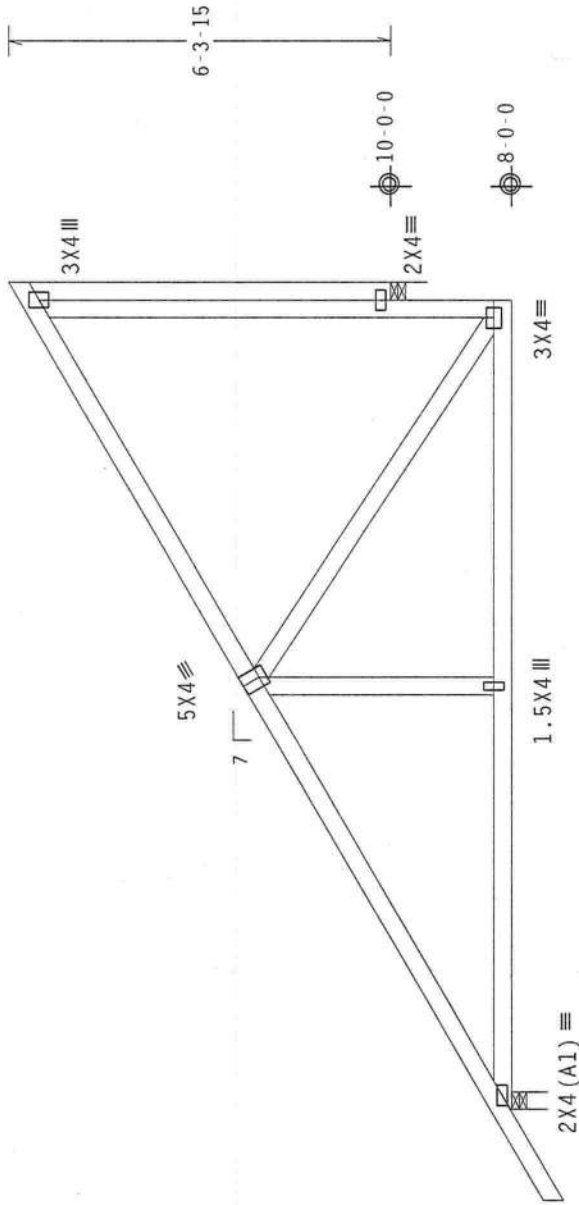
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

:Rt Bearing Leg 2x4 SP #3:

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

110 mph wind, 11.91 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.



L₁-6-0

13-8-0 Over 2 Supports

R=655 U=180 W=3.5"

R=535 U=239 W=3.5"

0-3-8

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04

805.16

FL/-/3/-/-R/-

Scale = .3125"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-01 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 583 MADISON AVE, SUITE 200, MADISON, NJ 07210, 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 IBCS (NATIONAL DESIGN SPEC., BY AIA/PAS) AND IPI. ALPINE CORRELATOR PLATES ARE MADE OF 20/18/16GA (W/J/S/K) ASTM A653 GRADE 40/60 (W, K/JA.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 ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT BUILDING SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING CUSTOMER PER ANSI/TPI 1 SEC. 2.



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

FL Certificate of Authorization # 567



REF	R487 --	25529
DATE	09/01/05	
DRW	HCUSR487	05244115
HC-ENG	TCE/AF	
SEQN	9757	
FROM	JP	
JREF	1S04487_Z01	

FL Certificate of Authorization # 567

(5-361-ERKINGER BUILDERS-WOOLEY - D8)

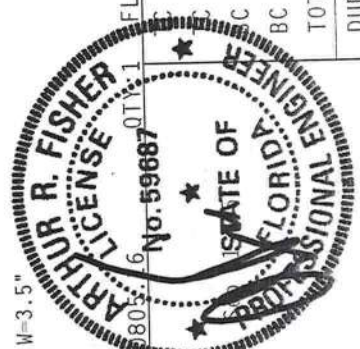
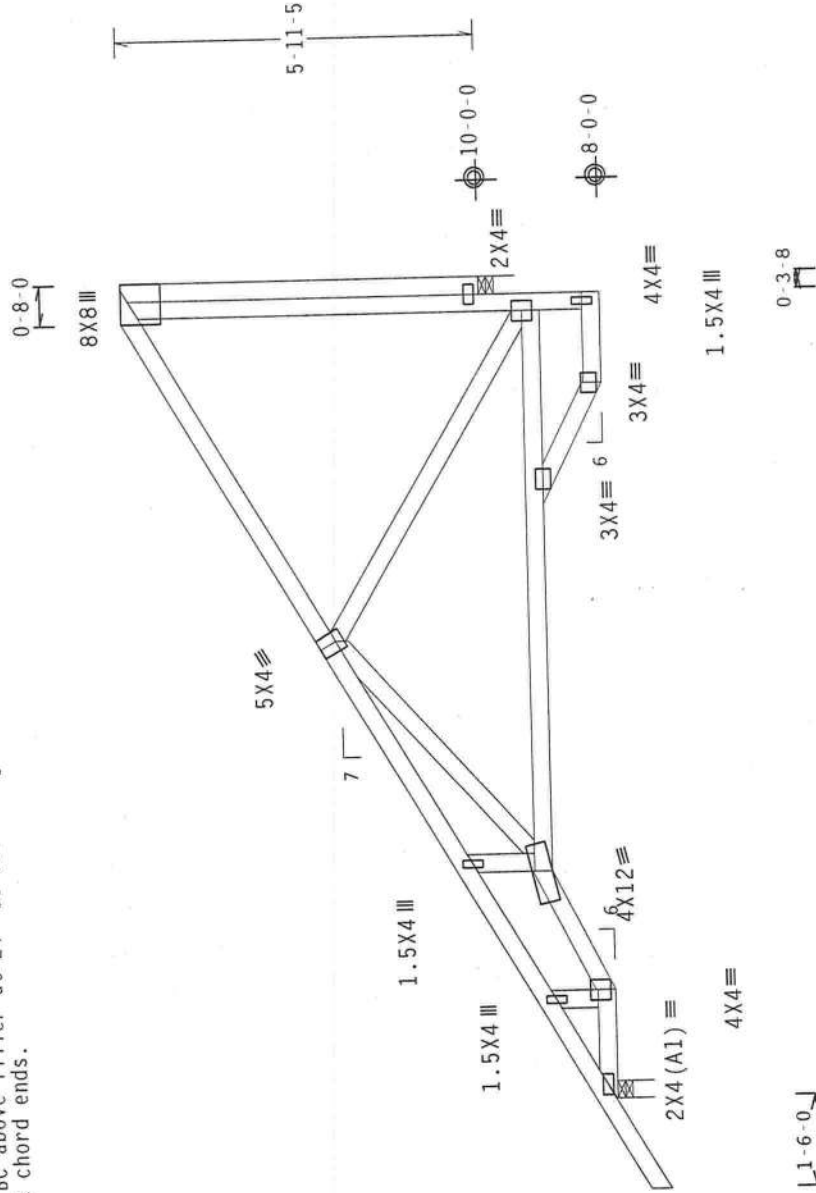
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Rt Bearing Leg 2x4 SP #3:

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

Laterally brace BC at 24" OC in lieu of rigid ceiling.
Laterally brace BC above filler at 24" OC including a
lateral brace at chord ends.

110 mph wind, 11.71 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.



PLT TYP. Wave TPI	Design Crit: TPI-1995(STD)/FBC	7.04	FL/-/3/-/R/-	Scale = .3125" /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 THE AMERICAN TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719, FOR SAFETY PRACTICES TO BE FOLLOWED WHEN PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.				REF R487 -- 25531
IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS TO THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.				DATE 09/01/05
ALPINE ENGINEERED PRODUCTS, INC. 1950 Marley Drive Haines City, FL 33844				DRW HCUSR487 05244117
ALPINE ENGINEERED PRODUCTS, INC. 1950 Marley Drive Haines City, FL 33844				HC-ENG TCE/AF
ALPINE ENGINEERED PRODUCTS, INC. 1950 Marley Drive Haines City, FL 33844				SEQN- 9746
ALPINE ENGINEERED PRODUCTS, INC. 1950 Marley Drive Haines City, FL 33844				FROM JP
ALPINE ENGINEERED PRODUCTS, INC. 1950 Marley Drive Haines City, FL 33844				JREF- 1S04487_Z01

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

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

Laterally brace BC at 24" OC in lieu of rigid ceiling.
Laterally brace BC above filler at 24" OC including a lateral brace at chord ends.

Right end vertical not exposed to wind pressure.



R=655 U=180 W=3.5"

FL/-/3/-/-/R/-

Scale = .375" / Ft.

RFF R487-- 25532

DATE 09/01/05

DRW HCUSR487 0524411

HC-ENG TCE/AF

SEQN- 9732

FROM JP

JREF- 1SQ4487_Z01

*WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO UCS1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATFORM INTERNATIONAL), 10000 W. 15TH AVENUE, SUITE 200, ARDEN, COLO. 80420, FOR THE LATEST EDITION. D'ADDITION DR. SUITE 200, MADISON, WI 53719) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 10000 W. 15TH AVENUE, SUITE 200, ARDEN, COLO. 80420). THESE TRUSSES ARE DESIGNED TO BE USED WITH THE THERMISEE INDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERS PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR THE DESIGN FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE PROVISIONS OF THIS DESIGN SPECIFICATION, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH THE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AF&PA) AND TPI. ALPINE CONNECTIONS SHALL BE MADE OF 20/18/16GA. ASTM A563 GRADE 40/50 (40, R/H-5) GALV. STEEL. APPLY THE PROVISIONS OF THE DESIGN SPECIFICATION TO THE TRUSS COMPONENTS. EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING. THIS DESIGN SHALL BE USED FOR THE TRUSS COMPONENTS. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AHBX 4.3 OF TPI-2002 SEC.3. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SELECTOR FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AHBX/TPI SEC. 2.



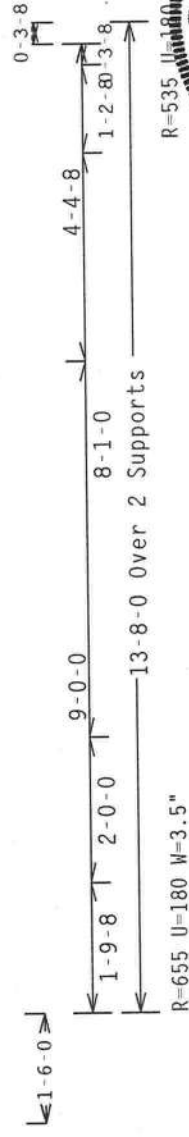
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FF Certificate of Authorization # 567

ET Certificate of Authorization # 567

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Rt Bearing Leg 2x4 SP #3:

Right end vertical not exposed to wind pressure.

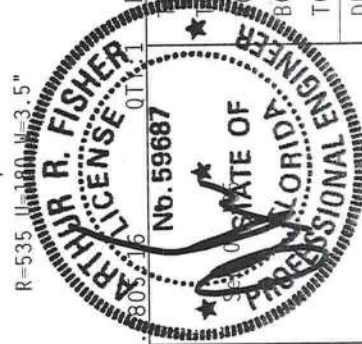
Laterally brace BC at 24" OC in lieu of rigid ceiling.
Laterally brace BC above filler at 24" OC including a
lateral brace at chord ends.



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

[illegible][illegible]

REF	R487 - -	25533
DATE	09/01/05	
DRW	HCUSR487	05244119
HC-ENG	TCE /AF	
SEQN -	9724	
FROM	JP	
JREF -	1S04487_Z01	

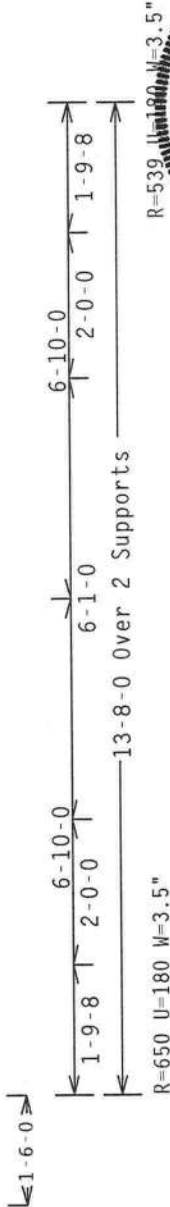
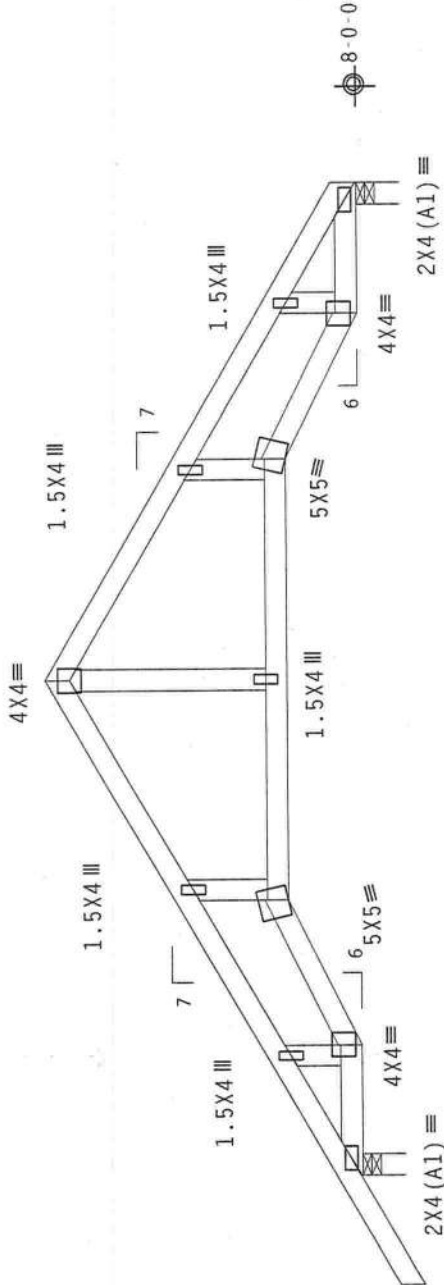


Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

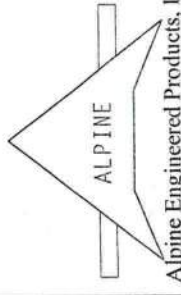
Deflection meets L/360 live and L/240 total load.

WARNING: This truss has been designed to be used as a common D12 truss spaced at 24" oc. It may NOT be used as a Gable End.

110 mph wind, 9.91 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.



PLT TYP. Wave TPI



FL Certificate of Authorization # 567

Design Crit: TPI-1995(STD)/FBC

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES (WOOD TRUSS MANUFACTURING SAFETY INFORMATION, PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 583 MADISON, MI 48224) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, MI 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 AIA/P) AND TPI. ALPINE CORRELATOR PLATES ARE MADE OF 20/10/16GA IN-H/5/5/3 ASH AG53 GRANT 40/60 (H, K/PH, S) 60K1, STEEL. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED OR THIS DESIGN PER A SEAL ON THIS. ANY INSPECTION OF PLATES FOLLOWED BY (1) LOCAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGNING INDICATES THE LIABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMS/TPI 1 SEC. 2.

FL / - / 3 / - / - / R / -	Scale = .375" / Ft.
C LL 20.0 PSF	REF R487 - 25535
C DL 10.0 PSF	DATE 09/01/05
SC DL 10.0 PSF	DRW HCUSR487 05244121
BC LL 0.0 PSF	HC-ENG TCE/AF
TOT.LD. 40.0 PSF	SEON- 9677
DUR.FAC. 1.25	FROM JP
SPACING 24.0"	JREF- 1SQ4487_201

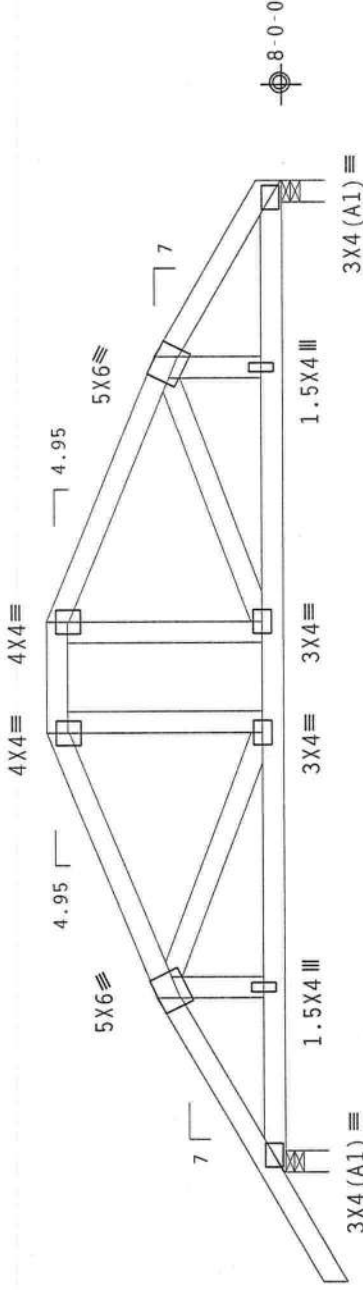


Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

SPECIAL LOADS

TC - From	DUR. FAC. = 1.25 / PLATE DUR. FAC. = 1.25)
BC - From	60 PLF at 1.50 to 60 PLF at 13.67
TC - From	4 PLF at 1.50 to 4 PLF at 0.00
BC - From	20 PLF at 0.00 to 20 PLF at 13.67
TC - *24 LB Conc. Load at	2.54, 11.13
TC - *94 LB Conc. Load at	5.00, 8.67
TC - *116 LB Conc. Load at	6.07, 7.60
TC - *118 LB Conc. Load at	6.83
BC - *4 LB Conc. Load at	2.41, 11.25
BC - *15 LB Conc. Load at	2.54, 11.13
BC - *38 LB Conc. Load at	5.00, 8.67
BC - *44 LB Conc. Load at	6.07, 7.60
BC - *48 LB Conc. Load at	6.83

* Provide connection for concentrated load(s) shown.



R=1070 U=1047 W=3.5"

R=950 U=1047 W=3.5"

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.040805.16 No. 59687

Scale = .375"/Ft.

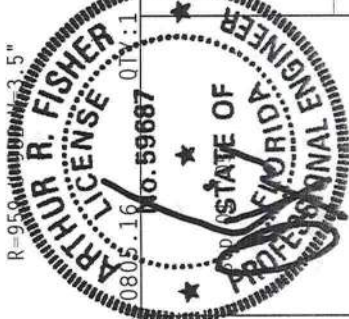
ALPINE

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

FL Certificate of Authorization # 567

****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), 10000 MARLOW DRIVE, SUITE 200, HAINES CITY, FL 33844, FOR THE LATEST EDITIONS OF THESE PUBLICATIONS. UNLESS OTHERWISE INDICATED, ALL DIMENSIONS SHALL BE IN FEET AND INCHES. UNLESS OTHERWISE INDICATED, ALL DIMENSIONS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** PROVIDE 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 AIA/PFA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/S/E) ASTM A653 GRADE 40/60 (W, E/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DIAPHRAGM 100A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC. 3. A SEAL ON THIS DESIGN INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGNER. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



FL / - / 3 / - / - / R / -	C LL	20.0 PSF
	C 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 --	25536
DATE	09/01/05	
DRW	HCUSR487	05244122
	HC-ENG TCE/AF	
	SEQN -	9661
	FROM	JP
	JREF -	1S04487_Z01

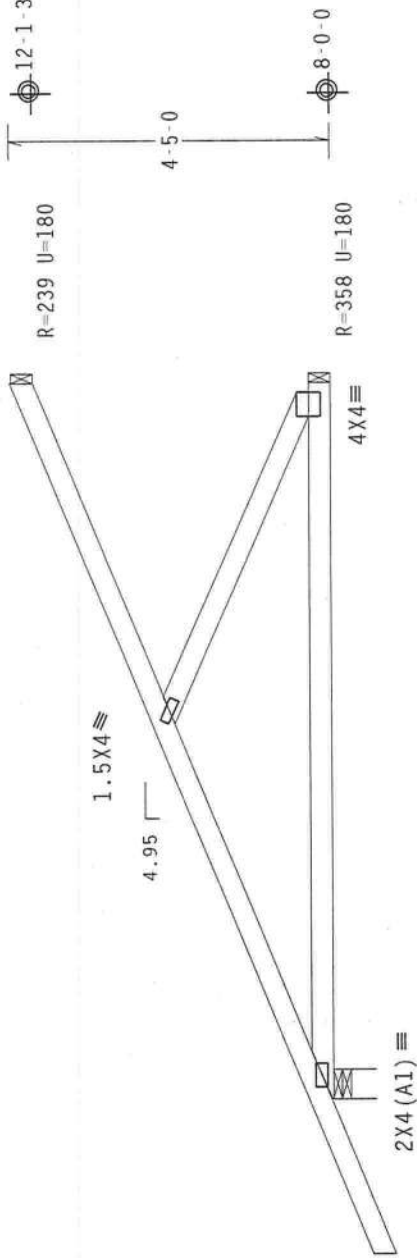
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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

Provide (3) 0.162x3.5" 16d Common toe-nails at Top Chord.
Provide (3) 0.162x3.5" 16d Common toe-nails at Bottom Chord.

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.



←-2-1-7→
9-10-13 Over 3 Supports
R=453 U=180 W=4.95"

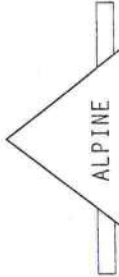
PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04

FL/-/3/-/-R/-

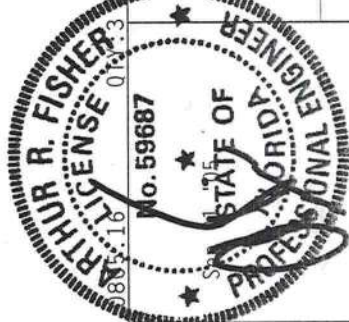
Scale = .375"/Ft.



Alpine Engineered Products, Inc.
1930 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 BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 500 O'CONNOR DR., SUITE 200, MADISON, WI 53719) AND MTCA (WOOD TRUSS COUNCIL OF AMERICA, 1000 W. 10TH AVE., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE ACTIVITIES. 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 TRUSSES, 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 AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (40, 40.5/4) ASTM A653 GRADE 40/60 (40, 40.5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC. 3. A SEAL ON THIS DESIGN SIGNOFF. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



C LL	20.0 PSF	REF R487 -- 25537
C DL	10.0 PSF	DATE 09/01/05
C DL	10.0 PSF	DRW HCUSR487 05244155
BC LL	0.0 PSF	HC-ENG TCE/AF
TOT.LD.	40.0 PSF	SEON - 9620
DUR.FAC.	1.25	FROM JP
SPACING	SEE ABOVE	JREF - 1SQ487_Z01

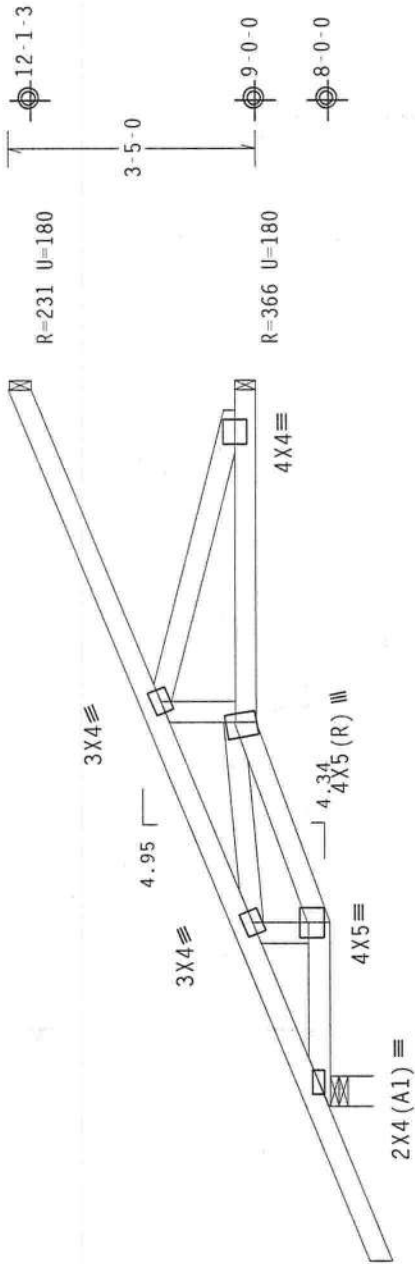
Top	chord	2x4	SP	#2	Dense
Bot	chord	2x4	SP	#2	Dense
	webs	2x4	SP	#3	

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.

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

Provide (3) 0.162x3.5" 16d Common toe-nails at Top Chord.
Provide (3) 0.162x3.5" 16d Common toe-nails at Bottom Chord.

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



2-1-7

2-6-6 2-9-3 4-7-3
 9-10-13 Over 3 Supports
 R=453 U=180 W=4.95"

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7

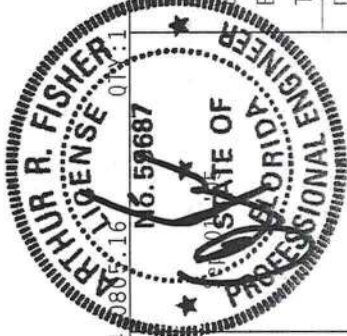
Scale = .375"/Ft.



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

WARNING! TRUSSES CARRY EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESS 1-03 BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY IPI TRUSS PLATE INSTITUTE, 503 O'CONNOR DR., SUITE 200, MADISON, WI 53719, AND MCA WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPLIANCE WITH THE FOLLOWING FABRICATING, MANUFACTURING, TESTING AND INSTALLATION INSTRUCTIONS SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE TRUSS SHALL BE FABRICATED AND TESTED IN ACCORDANCE WITH THE FOLLOWING INSTRUCTIONS. ALL CONNECTION PLATES ARE MADE OF 201/16GA. (IN W/S/PT) ASTM A563 GRADE 40/60 (A 3/16 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) SMALL BUT PER APPROX AS OF 1/11, 2002, SEC. 2 FOR THE USE OF THIS DESIGN. SHOW THE PLATES, THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGNING DESIGNER PER ANSI/TPI 1 SEC. 2.



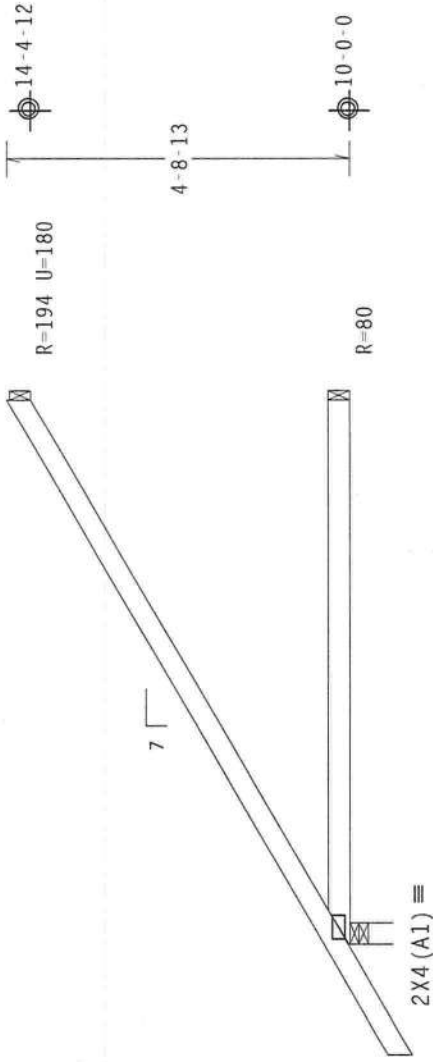
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TOT.LD.	40.0	PSF	SEQN - 9788
DUR.FAC.	1.25		FROM JP
SPACING	SEE ABOVE		JREF - 1S0487_Z01

Top	chord	2x4	SP	#2	Dense
Bot	chord	2x4	SP	#2	Dense
1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	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
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79	80	81	82	83	84
85	86	87	88	89	90
91	92	93	94	95	96
97	98	99	100	101	102
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133	134	135	136	137	138
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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

110 mph wind, 12.11 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.

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

7-6-0
7-6-0 Over 3 Supports
R=422 U=180 W=3.5"

PLT TYP. Wave TPI

Design Crit: $\text{TPI-1995(STD)}/\text{FBC}$

7

FL/-/3/-/-/R/-

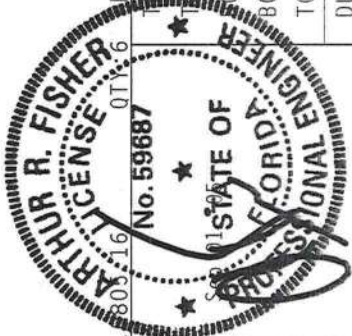
Scale = .375"/Ft.

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51-1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IPI (TRUSS PLATE INSTITUTE, 593 D'AMORIO 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. ANY TRUSS ENGINEERED PRODUCTS, OR TRUSS COMPONENTS, OR TRUSS SUBASSEMBLIES, OR TRUSS CONNECTIONS, OR TRUSS BRACING, OR TRUSS DESIGN CONFORMANCE WITH APPLICABLE PROVISIONS FOR FABRICATING, HANDLING, SHIPPING, INSTALLING & PLACING OF TRUSSES, OR TRUSS CONFORMANCE WITH APPLICABLE PROVISIONS FOR NDS (NATIONAL DESIGN SPEC., BY AF&A) AND ALPINE ALPINE CONNECTOR PLATES ARE MADE OF 20/10/1666, OR 10/15/1671 ASTM A653 GRADE 40/60 (A 1015/1040) GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION TOP DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERX AS OF 1/11-2009 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 AMERX/TP1 1 SEC. 2.



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



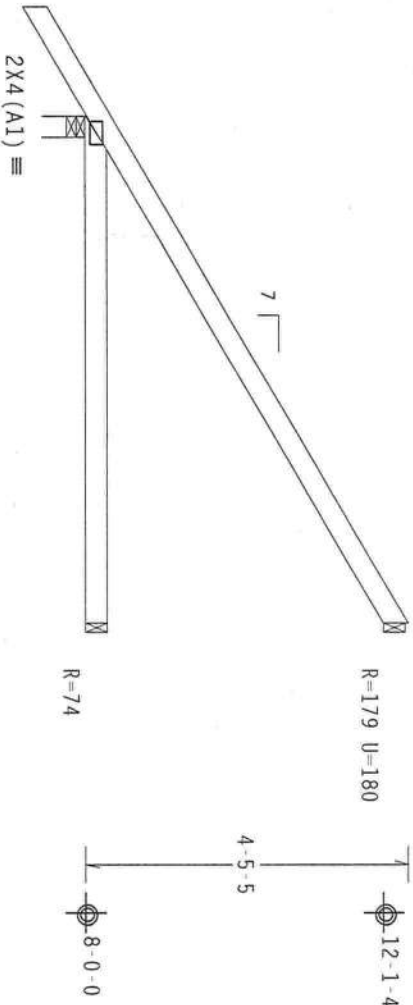
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HC-ENG	TCE/AF	
SEQN -	9501	
FROM	JP	
JREF -	1SQ4487_Z01	

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, 9.96 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.



L=1-6-0

7-0-0 over 3 Supports
R=403 U=180 W=3.5"

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04

****WARNING**** TRUSSES REQUIRE EXHIBIT CASE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THE TRUSS DESIGNER SHALL BE RESPONSIBLE FOR THE TRUSS BEING DESIGNED TO MEET THE REQUIREMENTS OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC. (AISC) 360-10, 360-11, 360-12, 360-13, 360-14, 360-15, 360-16, 360-17, 360-18, 360-19, 360-20, 360-21, 360-22, 360-23, 360-24, 360-25, 360-26, 360-27, 360-28, 360-29, 360-30, 360-31, 360-32, 360-33, 360-34, 360-35, 360-36, 360-37, 360-38, 360-39, 360-40, 360-41, 360-42, 360-43, 360-44, 360-45, 360-46, 360-47, 360-48, 360-49, 360-50, 360-51, 360-52, 360-53, 360-54, 360-55, 360-56, 360-57, 360-58, 360-59, 360-60, 360-61, 360-62, 360-63, 360-64, 360-65, 360-66, 360-67, 360-68, 360-69, 360-70, 360-71, 360-72, 360-73, 360-74, 360-75, 360-76, 360-77, 360-78, 360-79, 360-80, 360-81, 360-82, 360-83, 360-84, 360-85, 360-86, 360-87, 360-88, 360-89, 360-90, 360-91, 360-92, 360-93, 360-94, 360-95, 360-96, 360-97, 360-98, 360-99, 360-100. THE TRUSS DESIGNER SHALL BE RESPONSIBLE FOR THE TRUSS BEING DESIGNED TO MEET THE REQUIREMENTS OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC. (AISC) 360-10, 360-11, 360-12, 360-13, 360-14, 360-15, 360-16, 360-17, 360-18, 360-19, 360-20, 360-21, 360-22, 360-23, 360-24, 360-25, 360-26, 360-27, 360-28, 360-29, 360-30, 360-31, 360-32, 360-33, 360-34, 360-35, 360-36, 360-37, 360-38, 360-39, 360-40, 360-41, 360-42, 360-43, 360-44, 360-45, 360-46, 360-47, 360-48, 360-49, 360-50, 360-51, 360-52, 360-53, 360-54, 360-55, 360-56, 360-57, 360-58, 360-59, 360-60, 360-61, 360-62, 360-63, 360-64, 360-65, 360-66, 360-67, 360-68, 360-69, 360-70, 360-71, 360-72, 360-73, 360-74, 360-75, 360-76, 360-77, 360-78, 360-79, 360-80, 360-81, 360-82, 360-83, 360-84, 360-85, 360-86, 360-87, 360-88, 360-89, 360-90, 360-91, 360-92, 360-93, 360-94, 360-95, 360-96, 360-97, 360-98, 360-99, 360-100.

****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 PROVIDE THE TRUSS IN CONFORMANCE WITH TPI: OF FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC 360-10, 360-11, 360-12, 360-13, 360-14, 360-15, 360-16, 360-17, 360-18, 360-19, 360-20, 360-21, 360-22, 360-23, 360-24, 360-25, 360-26, 360-27, 360-28, 360-29, 360-30, 360-31, 360-32, 360-33, 360-34, 360-35, 360-36, 360-37, 360-38, 360-39, 360-40, 360-41, 360-42, 360-43, 360-44, 360-45, 360-46, 360-47, 360-48, 360-49, 360-50, 360-51, 360-52, 360-53, 360-54, 360-55, 360-56, 360-57, 360-58, 360-59, 360-60, 360-61, 360-62, 360-63, 360-64, 360-65, 360-66, 360-67, 360-68, 360-69, 360-70, 360-71, 360-72, 360-73, 360-74, 360-75, 360-76, 360-77, 360-78, 360-79, 360-80, 360-81, 360-82, 360-83, 360-84, 360-85, 360-86, 360-87, 360-88, 360-89, 360-90, 360-91, 360-92, 360-93, 360-94, 360-95, 360-96, 360-97, 360-98, 360-99, 360-100.

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO PROVIDE THE TRUSS IN CONFORMANCE WITH TPI: OF FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC 360-10, 360-11, 360-12, 360-13, 360-14, 360-15, 360-16, 360-17, 360-18, 360-19, 360-20, 360-21, 360-22, 360-23, 360-24, 360-25, 360-26, 360-27, 360-28, 360-29, 360-30, 360-31, 360-32, 360-33, 360-34, 360-35, 360-36, 360-37, 360-38, 360-39, 360-40, 360-41, 360-42, 360-43, 360-44, 360-45, 360-46, 360-47, 360-48, 360-49, 360-50, 360-51, 360-52, 360-53, 360-54, 360-55, 360-56, 360-57, 360-58, 360-59, 360-60, 360-61, 360-62, 360-63, 360-64, 360-65, 360-66, 360-67, 360-68, 360-69, 360-70, 360-71, 360-72, 360-73, 360-74, 360-75, 360-76, 360-77, 360-78, 360-79, 360-80, 360-81, 360-82, 360-83, 360-84, 360-85, 360-86, 360-87, 360-88, 360-89, 360-90, 360-91, 360-92, 360-93, 360-94, 360-95, 360-96, 360-97, 360-98, 360-99, 360-100.



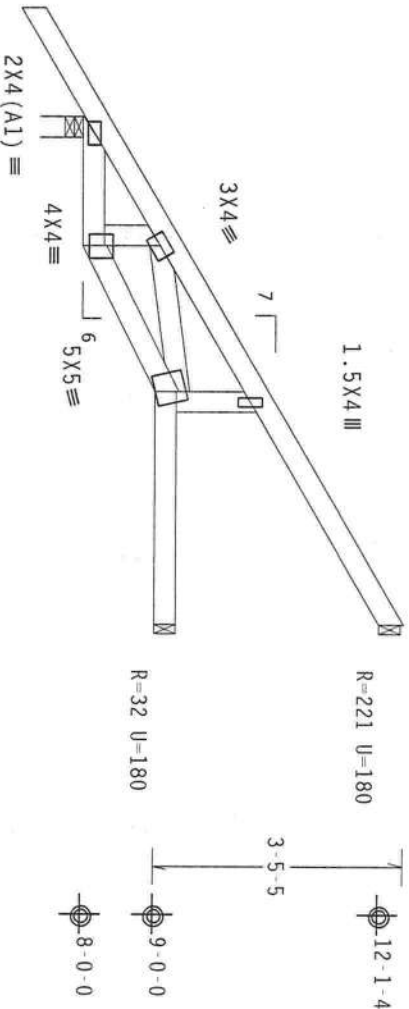
FL - /3/- /-R/-		Scale = .375"/Ft.	
LL	20.0 PSF	REF	R487 - 25540
DL	10.0 PSF	DATE	09/01/05
DL	10.0 PSF	DRW	HCUSR487 05244156
BC LL	0.0 PSF	HC-ENG	TCE/AF
TOT. LD.	40.0 PSF	SEON	9570
DUR. FAC.	1.25	FROM	JP
SPACING	24.0"	JREF	1504487_201

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, 9.96 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.



≤ 1-6-0 ≥

1-9-8 2-0-0 3-2-8
7-0-0 Over 3 Supports
R=403 U=180 W=3.5"

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04 (805.1)

EL/-/3/-/-/R/-

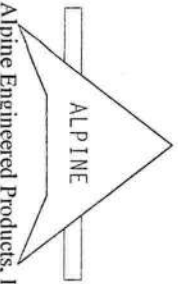
Scale = .375" / Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31-1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 DOWNEY 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, PROJECTS, INC. FOR RESPONSE TO THIS DESIGN. ANY FAILURE TO FULFILL THE DESIGNER'S RESPONSIBILITIES FOR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES, CONNECTOR PLATES ARE MADE OF 20/10/16GA (W/H/S) ASTM A653 GRADE 40/60 (U, K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1600-2.

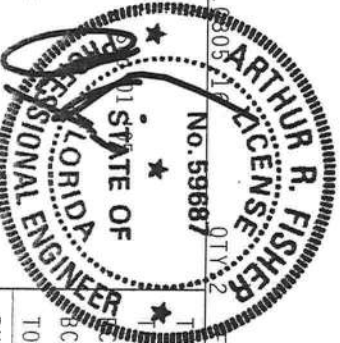
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOCIETY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE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

ALPINE



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

FL Certificate of Authorization #567



TYPE	LL	DL	BC LL	TOT. LD.	DUR. FAC.	SPACING
1	20.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
2	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
3	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
4	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
5	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
6	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
7	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
8	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
9	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
10	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
11	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
12	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
13	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
14	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
15	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
16	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
17	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
18	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
19	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
20	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
21	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
22	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
23	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
24	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
25	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
26	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
27	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
28	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
29	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
30	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
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35	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
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37	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
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45	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
46	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
47	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
48	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
49	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
50	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
51	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
52	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
53	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
54	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
55	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
56	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
57	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
58	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
59	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
60	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
61	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
62	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
63	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
64	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
65	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
66	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
67	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
68	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
69	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
70	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
71	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
72	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
73	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
74	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
75	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
76	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
77	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
78	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
79	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
80	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
81	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
82	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
83	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
84	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
85	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
86	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
87	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
88	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
89	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
90	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
91	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
92	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
93	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
94	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
95	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
96	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
97	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
98	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
99	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
100	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"

REF R487-- 25541

DATE 09/01/05

DRW HCUSR487 05244125

HC-ENG TCE/AF

SEON- 9557

FROM JP

JREF- 1504487 Z01

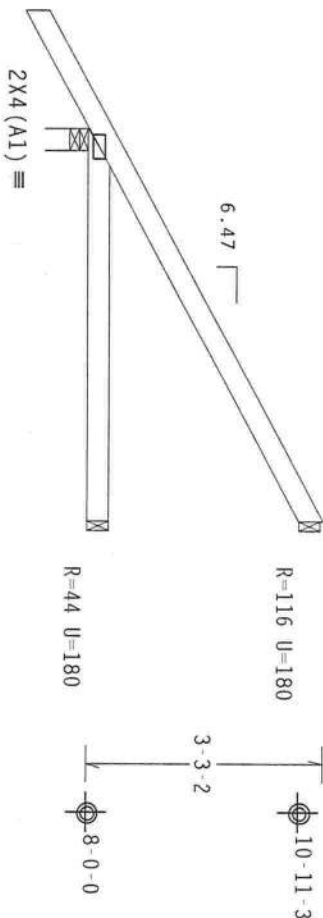
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

Hipjack supports 3-9-15 setback jacks with no webs.

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, 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.



≤1-7-8

5-4-15
5-4-15 over 3 Supports
R=167 U=180 W=3.788"

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04

FL/-/3/-/R/-

Scale = .375"/ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE TRUSS PLATE INSTITUTE, 583 DUNBROOK DR., SUITE 200, MOHAWK, NY 13719, AND AFCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MOHAWK, NY 13719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, ALL TRUSSES SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

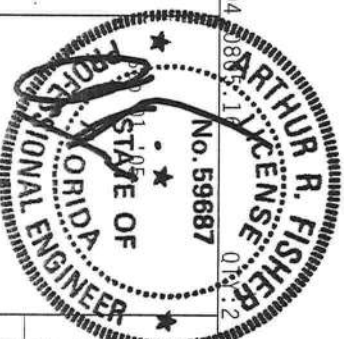
****IMPORTANT**** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

PRODUCTS, INC. SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN OF THE TRUSS SHALL BE THE RESPONSIBILITY OF THE TRUSS MANUFACTURER.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIAA) AND TPI. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1600-2.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AIAA 33 OF TPI-2002 SEC.3. A SEAL ON THIS DESIGN SHOWN. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AIAA/TPI 1 SEC. 2.

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



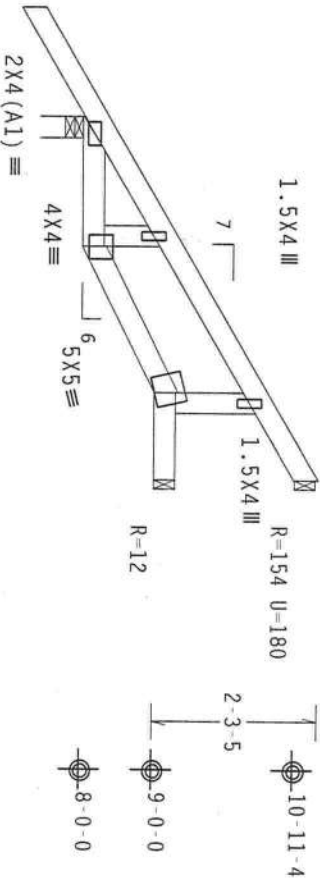
FL/-/3/-/R/-	Scale = .375"/ft.
C LL	20.0 PSF
C DL	10.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT. LD.	40.0 PSF
DUR. FAC.	1.25
SPACING	SEE ABOVE
REF	R487 - 25543
DATE	09/01/05
DRW	HCUSR487 05244127
HC-ENG	TCE/AF
SEON	9648
FROM	JP
JREF	1SQ4487 201

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, 9.38 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.



1-6-0

1-9-8 2-0-0 1-2-8
5-0-0 Over 3 Supports
R=330 U=180 W=3.5"

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04

01:12

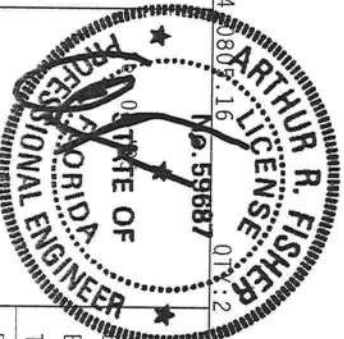
FL/-/3/-/R/-

Scale = .375" / ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 DUNSTON 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, THE CHORDS 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 SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR.

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



FL	LL	20.0 PSF	REF R487-- 25544
CL	DL	10.0 PSF	DATE 09/01/05
BC	DL	10.0 PSF	DRW HCUSR487 05244128
BC	LL	0.0 PSF	HC-ENG TCE/AF
TOT.LD.		40.0 PSF	SEQN- 9549
DUR.FAC.		1.25	FROM JP
SPACING		24 0"	DATE- 1504A87 701

110 mph wind, 11.38 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 RC 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.



R=330 U=180 W=3.5"

00010 - 07F# / 54

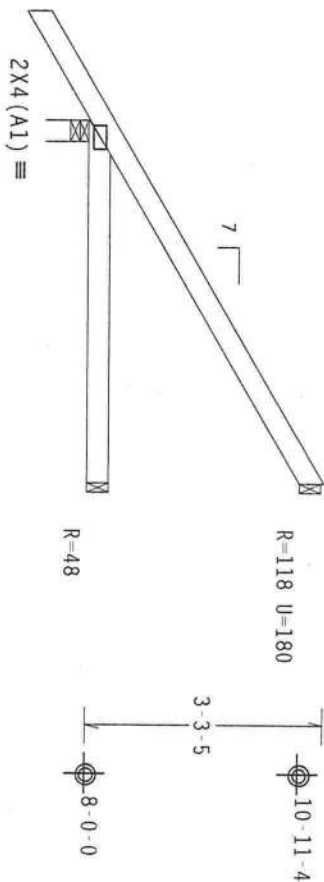
PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE: OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. DESIGN COULD HAVE WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AISC) AND ITI. AIRCRAFT

4
183.19
ARTHUR R. FISHER
LICENSE
07-1-96
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER

C LL	20.0 PSF	REF R487 - 2545
C DL	10.0 PSF	DATE 09/01/05
C DL	10.0 PSF	DRW HCUSR487 05244129
BC LL	0.0 PSF	HC-ENG TCE/AF
TOT.LD.	40.0 PSF	SEQN- 9602
DUR.FAC.	1.25	FROM JP
SPACING	24.0"	REF- 150487 701

110 mph wind, 9.38 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



✓ 1-6-0 ✓

5-0-0
5-0-0 Over 3 Supports →
R=330 U=180 W=3.5"

Design Crit: TPI-1995(STD)/FBC

7.04.

ARTHUR R. FISHER
LICENSE
805-16
QTY 1

FL/-/3/-/-/R/-

Scale = .375"/Ft.

WARNING—FIBRES, FIBROUS EXTERIOR CASE IN FABRICATION, MANULING, SHIPPING, INSTALLING AND BACKING, REFER TO DC51 1-203 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IPI (FIBRES PLASTIC INSTITUTION), 2000 DOWNEY DR., SUITE 200, MALDEN, MA 02148, AND AICA (GOOD PAPER COMPANY), 1000 W. 15TH ST., ST. LOUIS, MO 63103, FOR ADDITIONAL INFORMATION. IF THE FIBRE OR FIBROUS EXTERIOR CASE IS USED IN A MANNER NOT INTENDED BY THE MANUFACTURER, THE USER SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED CHORD CEILING.

A IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE CHAIR MAY BE REORDERED FOR AND DELIVERED FROM THE MANUFACTURER.

PROPOSED, IN-FACT NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE THUS IN CONFORMANCE WITH TPI: OR FURTHER, HANDLING, SHIPPING, INSTALLING, AND BACKING OF RUBBERS. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MD5 (NATIONAL DESIGN SPEC, BY ARPA) AND TPI. AT THE CONSTRUCTION, ALL MADE OF MATERIALS.

PLATES TO EACH FEE OF GROSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION FOR DRAWINGS 1604-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMEX AS OF 10-11-2002 SEC.3. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SEE FOR THE TURNS CONVENT

DESIGN SHALL. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/FP1 1 SEC. 2.

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

FL Certificate of Authorization # 567

110 mph wind, 9.16 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.

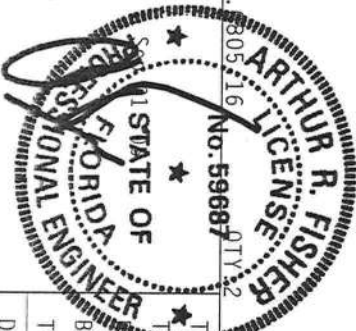


R=304 U=180 W=3.5"

Scale = 375"/Ft

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

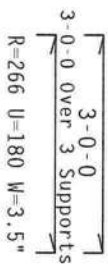
Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains.



T LL	20.0 PSF	REF	R487 - - 25547
T DL	10.0 PSF	DATE	09/01/05
C DL	10.0 PSF	DRW	HCUSR487 05244131
BC LL	0.0 PSF	HC-ENG	TCE/AF
TOT.LD.	40.0 PSF	SEQN-	9634
DUR.FAC.	1.25	FROM	JP
SPACING	24.0"	JREF-	1504487 701

110 mph wind, 10.80 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.

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



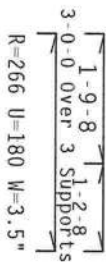
Scale = 375"/ft+

DESIGN SHOW—THE SUSTAINABILITY AND USE OF THIS CONCEPT FOR AN BUILDING IS THE RESPONSIBILITY OF THE DESIGNER. THE SUSTAINABILITY AND USE OF THIS CONCEPT FOR AN BUILDING IS THE RESPONSIBILITY OF THE DESIGNER.

C LL	20.0 PSF	REF R487-- 25548
C DL	10.0 PSF	DATE 09/01/05
C DL	10.0 PSF	DRW HCURS487 05244132
BC LL	0.0 PSF	HC-ENG TCE/AF *
TOT.LD.	40.0 PSF	SEON- 9608
DUR.FAC.	1.25	FROM JP
SPACING	24.0"	REF- 1504487 701

110 mph wind, 8.80 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.

Shim all supports to solid bearing.



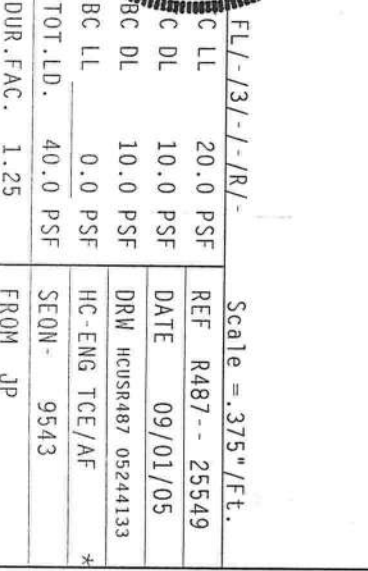
Scale = 375" / Ft +



FL Certificate of Authorization # 567

ALPINE ENGINEERED

NO. 55067
STATE OF
★



HC LL	20.0 PSF	REF	R487--	25549
HC DL	10.0 PSF	DATE	09/01/05	
HC DL	10.0 PSF	DRW	HCUSR487	05244133
BC LL	0.0 PSF	HC-ENG	TCE/AF	*
TOT. LD.	40.0 PSF	SEQN-	9543	
DUR. FAC.	1.25	FROM	JP	
SPACING	24.0"	REF-	1504487	701

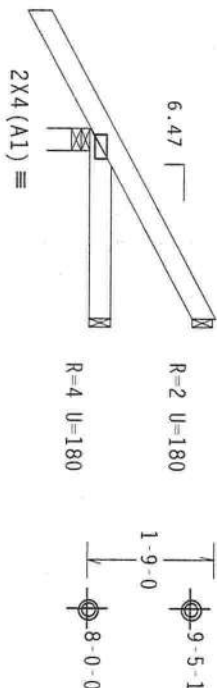
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

Hipjack supports 1-10-3 setback jacks with no webs.

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, 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.



1-7-8

2-7-6
2-7-6 Over 3 Supports

R=106 U=180 W=3.788"

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04

FL/-/3/-/R/-

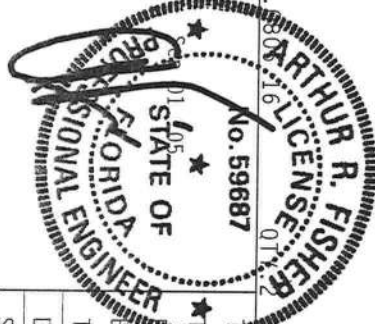
Scale = .375"/ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 DUNSMITH DR., SUITE 200, MADISON, WI 53719) AND AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC., 530 N. MEAD AVE., PITTSBURGH, PA 15222) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN ACCORDANCE WITH THE DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, CONNECTOR PLATES ARE MADE IN CONFORMANCE WITH THE DESIGN SPEC. BY AISC (AISC) AND TPI. ALPINE TRUSSES ARE NOT TO BE USED IN ANY OTHER MANNER THAN AS SPECIFIED IN THIS DESIGN. ALPINE TRUSSES ARE NOT TO BE USED IN ANY OTHER MANNER THAN AS SPECIFIED IN THIS DESIGN.

ALPINE ENGINEERED PRODUCTS, INC. 1950 Marley Drive Hannes City, FL 33844 FL Certificate of Authorization # 567

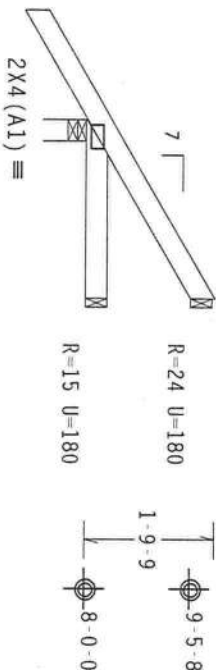


LL	20.0 PSF	REF R487-- 25550
DL	10.0 PSF	DATE 09/01/05
DL	10.0 PSF	DRW HCUSR487 05244134
DL	0.0 PSF	HC-ENG TCE/AF
TOT.LD.	40.0 PSF	SEON- 9655
DUR.FAC.	1.25	FROM JP
SPACING	SFF ABOVE	DEC- 1000007 701

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, 8.64 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.



1-6-0

2-5-9
Over 3 Supports
R=254 U=180 W=3.5"

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04

180.16

07.6

FL/-/3/-/R/-

Scale = .375"/Ft.

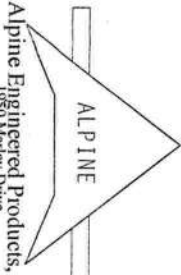
WARNING TROUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TROSS PLATE INSTITUTE, 563 DORRISTON DR., SUITE 200, MADISON, WI 53719) AND WCA (WOOD TROSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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 TROSS CONFORMS WITH THE APPROVED TROSS CONNECTIONS (CONNECTIONS, SHIPING, INSTALLING & BRACING OF TROSSSES, CONNECTOR PLATES ARE MADE OF 20/18/16GA ALUMINUM OR STEEL, PER ALPINE DESIGN SPEC. IN PARTS) GALT, STEEL, ALPINE

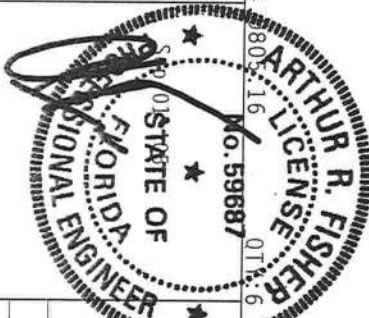
PLATES TO EACH FACE OF TROSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, THE TROSS SHALL BE A STANDARD DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE



Alpine Engineered Products, Inc.
1950 Hanesy Drive
Hanesy City, TX 75844

FL Certificate of Authorization # 567



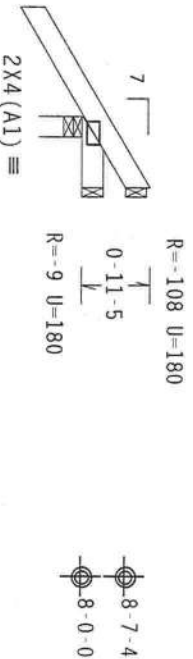
LL	20.0 PSF	REF R487-- 25551
DL	10.0 PSF	DATE 09/01/05
DL	10.0 PSF	DRW HCUSR487 05244135
BC LL	0.0 PSF	HC-ENG TCE/AF
TOT.LD.	40.0 PSF	SEQN- 9626
DUR.FAC.	1.25	FROM JP
SPACING	24 0"	DATE- 1504A07 701

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, 8.21 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.



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

7.04

805.16

FL/-/3/-/R/-

Scale = .375"/ft.

REF R487-- 25552

DATE 09/01/05

DRW HCUSR487 05244136

HC-ENG TCE/AF

SEQN- 9535

FROM JP

SPACING 24.0"

JRFF- TSOADR7 701

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 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: TURN IN A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DETAILING FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS TO THE SPECIFICATIONS OF THE MANUFACTURER SHALL BE THE RESPONSIBILITY OF THE INSTALLER.

CONNECTIONS: ALL TRUSS TO TRUSS CONNECTIONS SHALL BE MADE BY THE MANUFACTURER'S DESIGN. ALL TRUSS TO WALL OR CEILING CONNECTIONS SHALL BE MADE BY THE MANUFACTURER'S DESIGN.

PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, A SEAL ON THIS DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGNER.

THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGNER.

FL Certificate of Authorization #567

Alpine Engineered Products, Inc.

1950 Hanesy Drive

Hanesy City, FL 33844

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Hanesy City, FL 33844

FL Certificate of Authorization #567

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 0.00 to 81 PLF at 8.33
BC - From 20 PLF at 0.00 to 20 PLF at 8.33

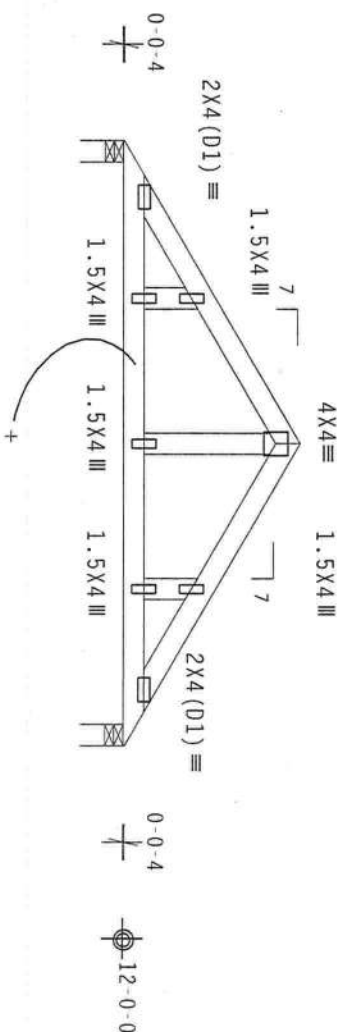
+ Member to be laterally braced for horizontal wind loads.
Bracing system to be designed and furnished by others.

110 mph wind, 13.37 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.

The Building Designer is responsible for the design of the
roof and ceiling diaphragms, gable end shear walls, and
supporting shear walls. Shear walls must provide continuous
lateral restraint to the gable end. All connections to be
designed by the Building Designer.



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04

1805.16

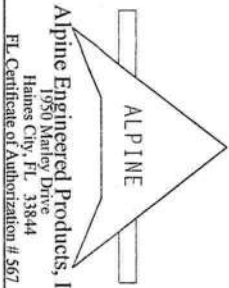
FL/-/3/-/-/R/-

Scale = .375"/ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.
REFER TO BC31 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 563
DOWNSIDE DR., SUITE 200, MADISON, WI 53719) AND WPCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN,
MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED,
ALL TRUSSES SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED
RIGID CEILING.

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

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS OR THE BUILDING. THE
DESIGN CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS OR THE BUILDING. THE DESIGN CONTRACTOR
DESIGN CONTRACTS WITH APPLICABLE PROVISIONS OF 2003 INTERNATIONAL DESIGN SPEC. BY AREA AND TPI. ALPINE
CONNECTION PLATES ARE MADE OF 2018/166A (ALUMINUM) ASH 6063 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 ANNEK A3 OF TPI 2002 SEC.3. A SEAL ON THIS
DESIGN SHOWN. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE
BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

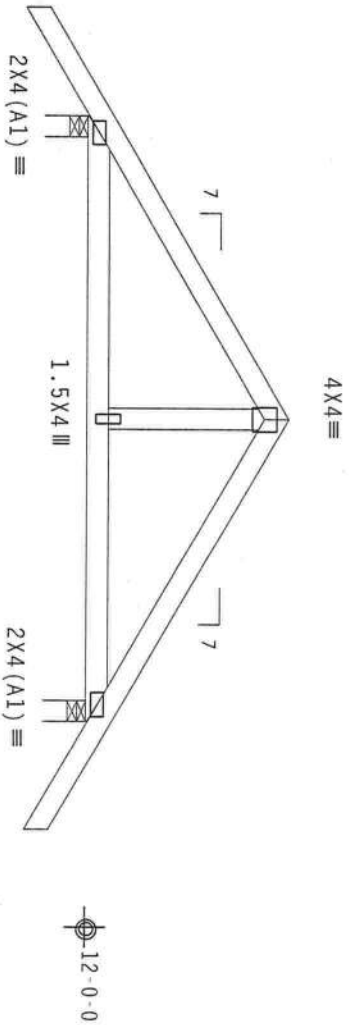


FL/	-/3/	-/-/R/-	REF	R487--	25553
BC	DL	20.0 PSF	DATE	09/01/05	
BC	DL	10.0 PSF	DRW	HCUSR487	05244137
BC	LL	0.0 PSF	HC-ENG	TCE/AF	
TOT. LD.	40.0 PSF	SEQN-	9529		
DUR. FAC.	1.25	FROM	JP		
SPACING	24.0"	UREF-	ISQ4487_201		

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

110 mph wind, 13.14 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.



≤1-6-0

4-2-0

8-4-0 Over 2 Supports

R-429 U-180 W-3.5"

PLT TYP. Wave TPI

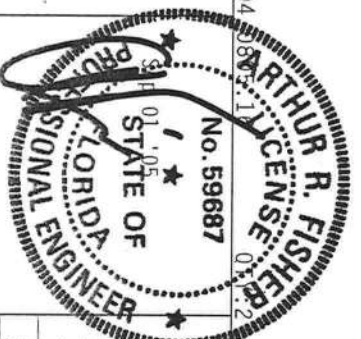
Design Crit: TPI-1995(STD)/FBC

7.04

FL/-/3/-/-/R/-

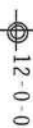
Scale = .375"/ft.

ALPINE Alpine Engineered Products, Inc. 1950 Alameda Drive Haines City, FL 33844 FL Certificate of Authorization # 567		**WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 DUNFORD DR., SUITE 200, MADISON, WI 53719) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719) FOR SAFETY PRACTICES PERTAINING TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, ALL CHORDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. **IMPORTANT** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR THE DESIGN OF THIS TRUSS. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. FOR ALUMINUM AND STEEL TRUSSES, CONNECTIONS AND JOINTS), 2018/166A (NDS/RS) ASIN 6053 (2018/166A) OR 40/60 (NDS/RS) GALLY, 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 DESIGN SHOWS THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.	
C LL	20.0 PSF	REF	R487 - 25554
C DL	10.0 PSF	DATE	09/01/05
BC DL	10.0 PSF	DRW	HCUSR487 05244142
BC LL	0.0 PSF	HC-ENG	TCE/AF
TOT.LD.	40.0 PSF	SEOM	9514
DUR.FAC.	1.25	FROM	JP
SPACING	24.0"	JREF	1504487 201



110 mph wind, 13.14 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

10



Scale = .375" / Ft.

ALPINE ENGINEERED

Alpine Engineered Products, Inc.

ORIGIN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/AP1 1 SEC. 2.

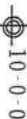


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C DL	10.0 PSF	DATE	09/01/05
C DL	10.0 PSF	DRW	HCSUR487 05244138
BC LL	0.0 PSF	HC-ENG	TCE/AF
TOT.LD.	40.0 PSF	SEQN-	9521
DUR.FAC.	1.25	FROM	JP
SPACING	24.0"	JREF -	1504487_201

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.

Right end vertical not exposed to wind pressure.

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



R=903 U=301 W=3.5"

Scale = .375"/Ft.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AISC) AND TP1. ALTHOUGH CROSS IN CONFORMANCE WITH TP1; ON FABRICATING, UNLOADING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

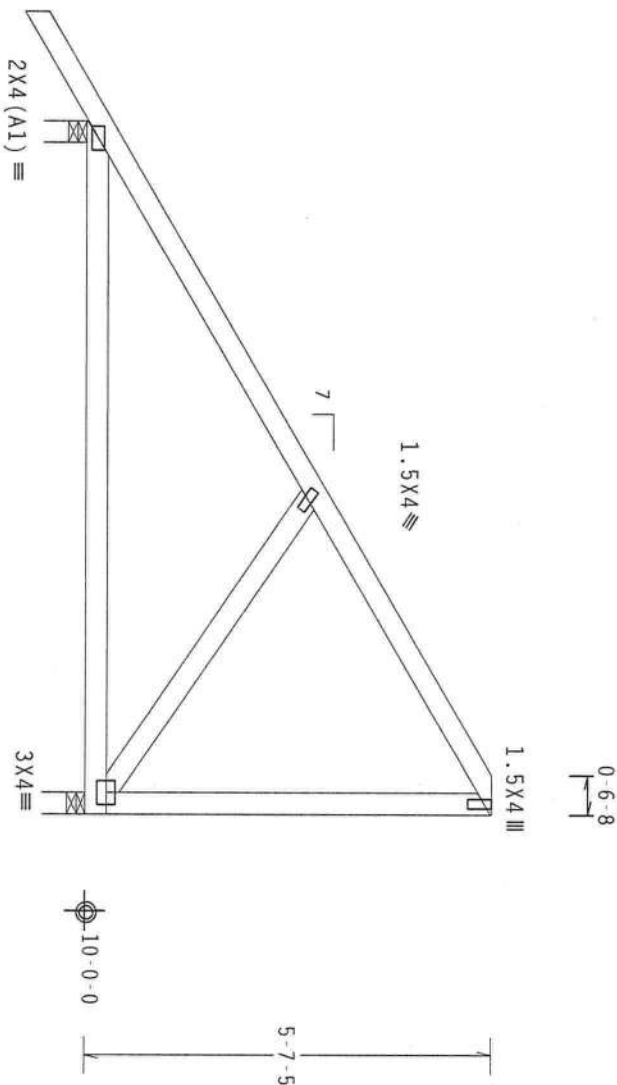
DUR.FAC. 1.25	FROM JP
SPACING SEE ABOVE	JREF - 1504487 701

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, 12.55 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.



L=1-6-0

9-6-8 Over 2 Supports
R=501 U=180 W=3.5"
R=359 U=180 W=3.5"

PLT TYP. Wave TPI

Design Crit: TPI-1995 (STD)/FBC

7.04



FL/-/3/-/R/-

Scale = .375" / Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 580 DODD RD., 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.

TRUSSES IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONDITIONS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY ALBERT AND TPI. APPLY TO EACH FACE OF TRUSS AND TO EACH FACE OF TRUSS AND TO EACH FACE OF TRUSS AND TO EACH FACE OF TRUSS AND TO EACH FACE OF TRUSS.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED AS OF 1911-2002 SECTION PER DRAWING NOTATION. DEPARTING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF 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 Harley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

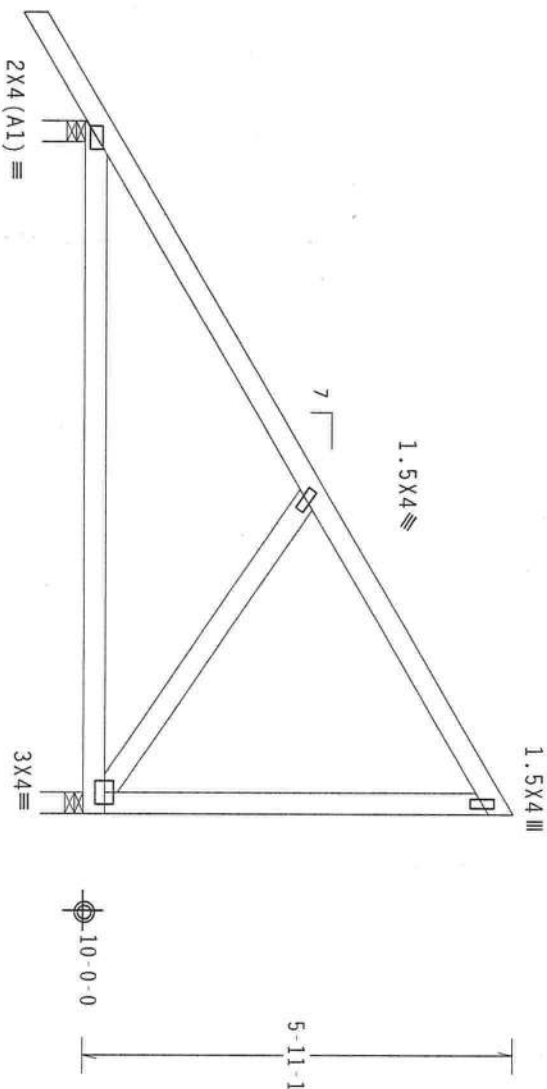
SPACING	DUR. FAC.	TOT. LD.	BC LL	DL	LL	REF	DATE	DATE
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	20.0 PSF	R487--	09/01/05	25557
						HC-ENG TCE/AF		
						SEON-	9587	
						FROM JP		
						JRFF- 1504487	701	

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, 12.70 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.



≤ 1-6-0

9-6-8 Over 2 Supports
R=501 U=180 W=3.5"
R=359 U=180 W=3.5"

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04

ARTHUR R. FISHER
No. 59687
06/06

FL/-/3/-/R/-

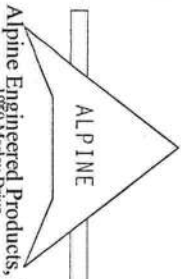
Scale = .375"/Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RES 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 563 DUNN RD., 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.

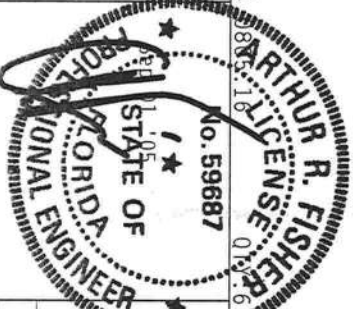
IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DETAILING FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF 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 THE DESIGN SHALL BE THE RESPONSIBILITY OF 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 THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR.

ALPINE



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



FL/-/3/-/R/-	Scale = .375"/Ft.
C LL	20.0 PSF
C DL	10.0 PSF
C DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	40.0 PSF
DUR.FAC.	1.25
SPACING	24.0"

REF	R487--	25558
DATE	09/01/05	
DRW	HCUSR487	0524141
HC-ENG	TCE/AF	*
SEON-	9580	
FROM	JP	
JREF-	1S04487	Z01

110 mph wind, 8.89 ft mean hgt, ASCE 7-98, closed bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC D-5.0 psf, wind BC D-5.0 psf

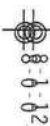
0805:16 Q77:1

STATE OF
No. 59687

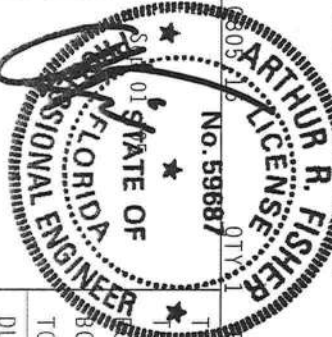
CC LL	20.0 PSF	REF	R487-- 25559
CC DL	10.0 PSF	DATE	09/01/05
CC DL	10.0 PSF	DRW	HCSR487 05244157
BC LL	0.0 PSF	HC-ENG	TCE/AF
TOT.LD.	40.0 PSF	SEQN-	27820
DUR.FAC.	1.25	FROM	JP
SPACING	24.0"	JREF-	1SQ487 Z01

110 mph wind, 9.47 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

Refer to DWG PIGBACKA0405 and/or PIGBACKB0405 for Piggyback details. Top Chord of supporting truss under piggyback to be braced @ 24" OC, unless otherwise specified.



Scale = .375" / Ft.



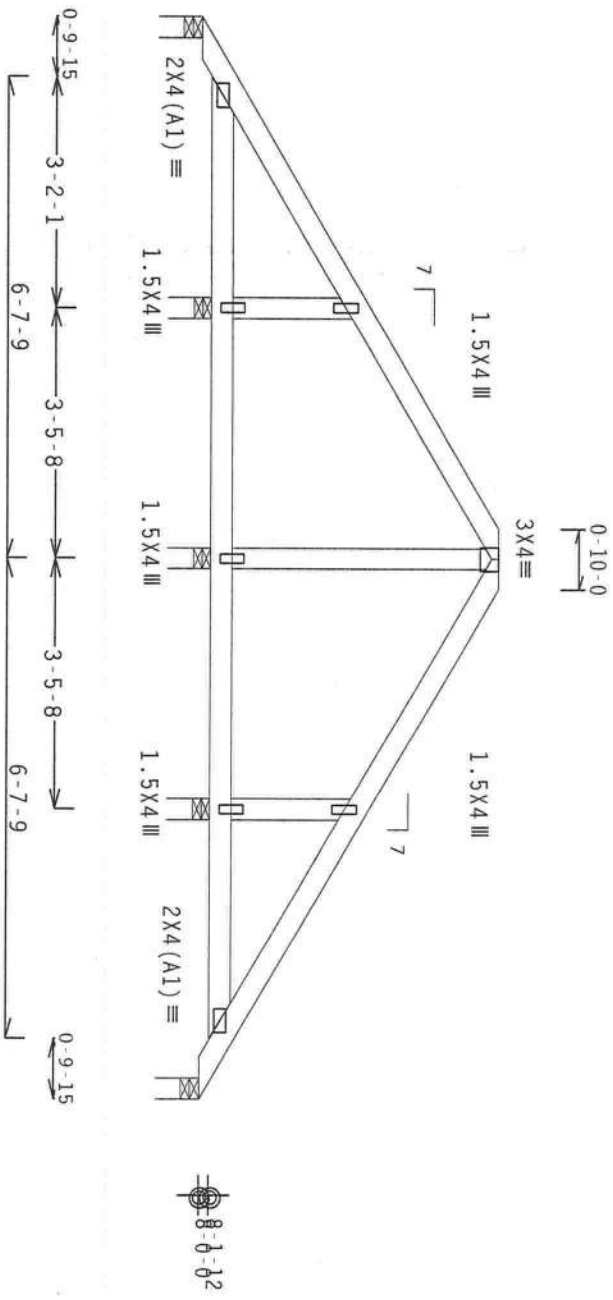
TOT.LD.	40.0 PSF	SEQN-	27823
DUR.FAC.	1.25	FROM	JP
SPACING	24.0"	UREF-	1SQ4487_201

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

110 mph wind, 10.05 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.

Refer to DWG PIGBACKA0405 and/or PIGBACKB0405 for Piggyback details. Top Chord of supporting truss under piggyback to be braced @ 24" OC, unless otherwise specified.



R=79 U=180 W=3.5" R=330 U=180 W=3.5" R=374 U=180 W=3.5" R=330 U=180 W=3.5"

PLT TYP. Wave TPI Design Crit: TPI-1995(STD)/FBC 7.04 1803.19

ALPINE

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

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****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS SHALL NOT BE RESPONSIBLE FOR ANY DETAILING FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS NATIONAL DESIGN SPEC. FOR WOOD TRUSSES, 2018 EDITION. CONNECTOR PLATES ARE MADE OF 20/18/16GA (U/H/S/T) ASTM A653 GRADE 40/60 (U, 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 OR 10115 STAMPING INDICATES ACCEPTANCE OR PROFESSIONAL ENGINEERING RESPONSIBILITY. SOCIETY 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.

PROFESSIONAL ENGINEER

STATE OF FLORIDA

ARTHUR R. FISHER

NO. 59687

EXPIRATION DATE 09/01/2025

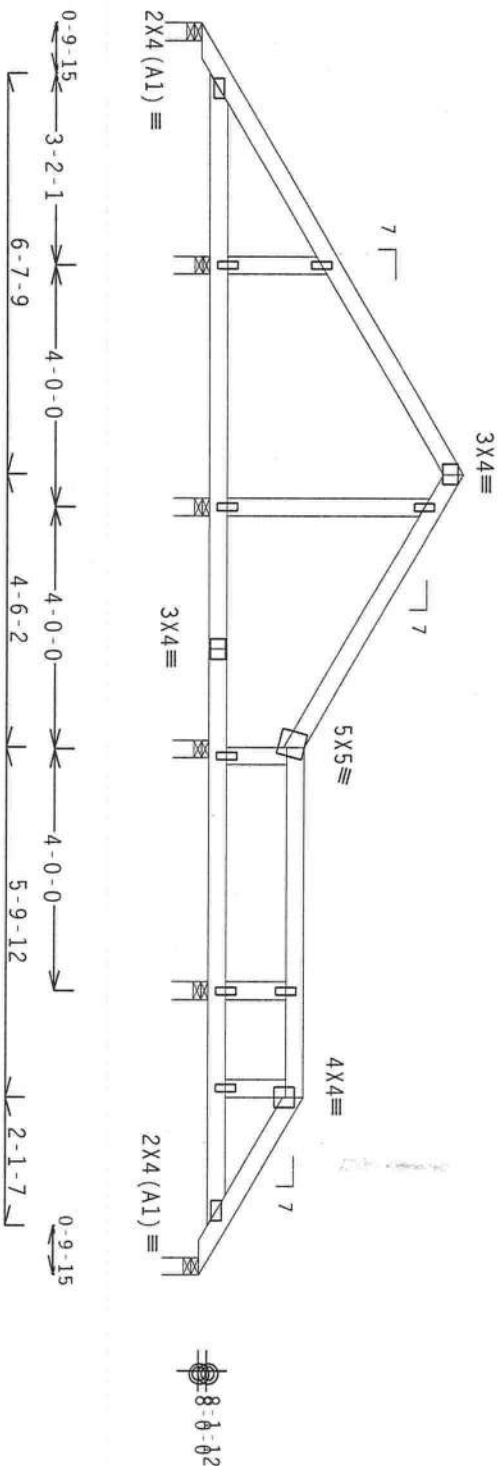
FL/-/3/-/R/-	Scale = .375" / Ft.	
C LL	20.0 PSF	REF R487-- 25561
C DL	10.0 PSF	DATE 09/01/05
BC DL	10.0 PSF	DRW HCUSR487 05244144
BC LL	0.0 PSF	HC-ENG TCE/AF
TOT. LD.	40.0 PSF	SEON- 27828
DUR. FAC.	1.25	FROM JP
SPACING	24.0"	JREF- 1S04487_201

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

110 mph wind, 10.18 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.

Refer to DWG PIGBACKA0405 and/or PIGBACKB0405 for
piggyback details. Top Chord of supporting truss
under piggyback to be braced @ 24" OC, unless
otherwise specified.



R=126 U=180 W=3.5" R=346 U=180 W=3.5" R=369 U=180 W=3.5" R=234 U=180 W=3.5" R=439 U=180 W=3.5" R=145 U=180 W=3.5"

Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04.0803

FL/-/3/-/R/-

Scale = .3125" / ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31-1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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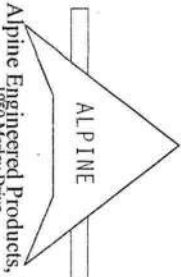
ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DETAILING FROM THIS DESIGN.

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ALPINE



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

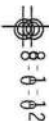
FL Certificate of Authorization #567



FL/ - /3/ - /R/ -	Scale = .3125" / ft.
TOT. LL	20.0 PSF
DL	10.0 PSF
DRW HCUSR487 05244145	
HC-ENG TCE/AF	
SEON- 27840	
FROM JP	
DUR. FAC. 1.25	
SPACING 24.0"	
JREF - 1504487_201	

110 mph wind, 10.18 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TQ DL=5.0 psf, wind BC DL=5.0 psf

Refer to DWG PIGBACKA0405 and/or PIGBACKB0405 for PIGBACK details. Top Chord of supporting truss under pigback to be braced @ 24" OC, unless otherwise specified.



R=155 U=180 W=3.5"

Scale = .3125" / Ft.

REF	R487 - - 25563
DATE	09/01/05

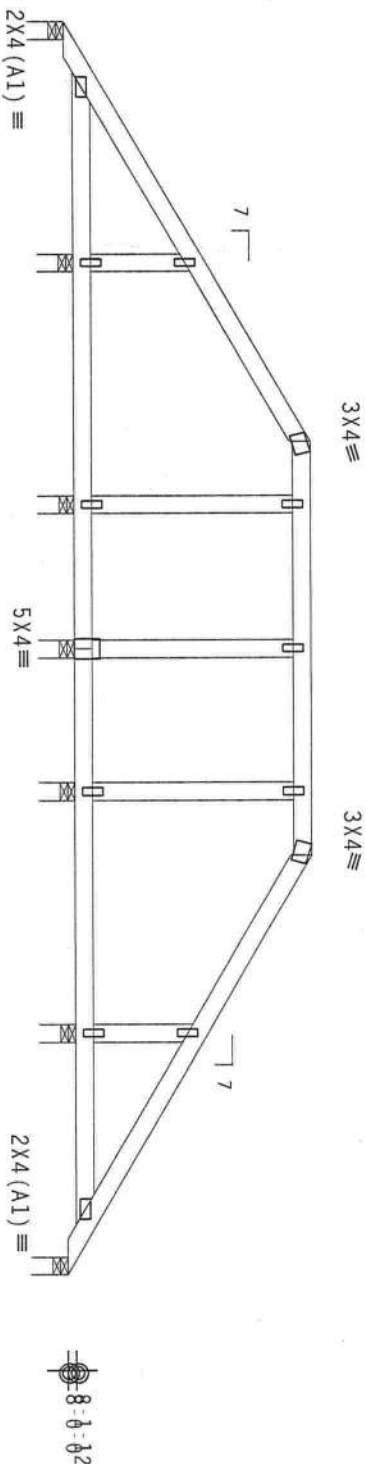
Haines City, FL 33844

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

110 mph wind, 10.03 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.

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

Refer to DWG PIGBACKA0405 and/or PIGBACKB0405 for
Piggyback details. Top Chord of supporting truss
under piggyback to be braced @ 24" OC, unless
otherwise specified.



R=149 U=180 W=3.5"

R=348 U=180 W=3.5"

R=273 U=180 W=3.5"

R=273 U=180 W=3.5"

R=348 U=180 W=3.5"

R=149 U=180 W=3.5"

Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.040805.16 No. 59687 OT:1

FL/-/3/-/-/R/-

Scale = .3125"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31-1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 O'CONNOR DR., SUITE 200, MADISON, WI 53719) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6200 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

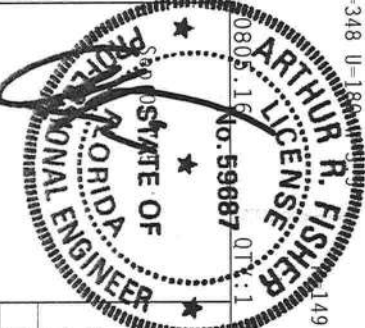
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, WARDING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN FOR PLATES WITH APPLICABLE PROVISIONS OF AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC., 500 N. MERRILL ST., CHICAGO, IL 60610) AND AISC 360 (AISC 360, 500 N. MERRILL ST., CHICAGO, IL 60610) SHALL APPLY. THE DESIGNER SHALL BE RESPONSIBLE FOR THE PROPER BRACING OF THE TRUSS. THE DESIGNER SHALL BE RESPONSIBLE FOR THE PROPER BRACING OF THE TRUSS. THE DESIGNER SHALL BE RESPONSIBLE FOR THE PROPER BRACING OF THE TRUSS.

ALPINE

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1950 Marney Drive
Haines City, FL 33844

ET Certificate of Authorization #567

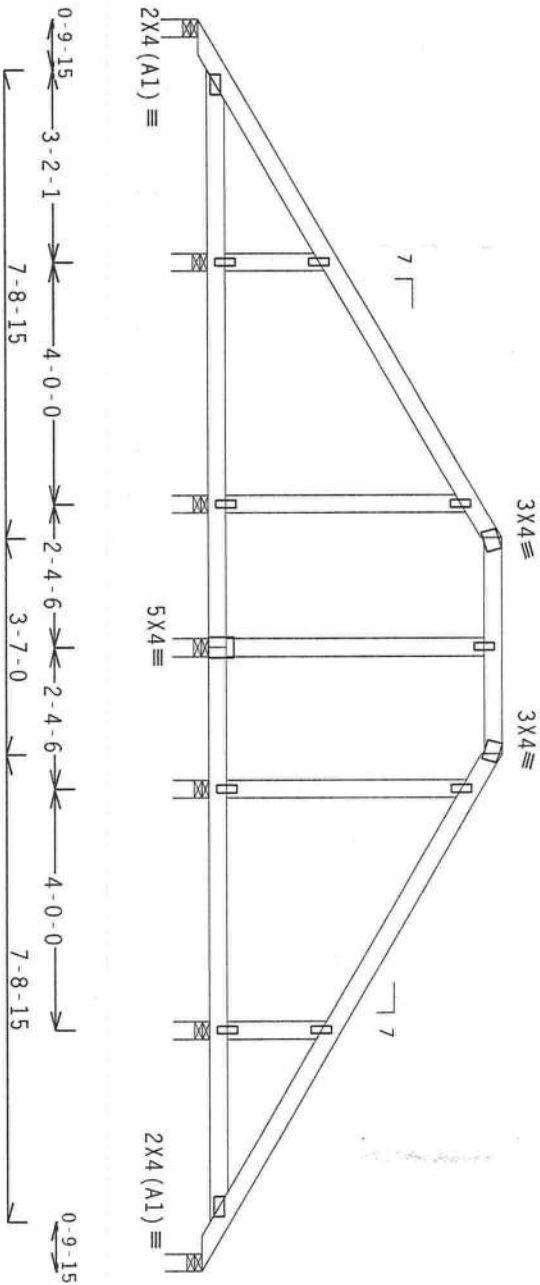


SPACING	DUR. FAC.	TOT. LD.	BC LL	BC DL	C DL	C LL
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
			HC-ENG TCE/AF	DRW HCUSR487 05244147	DATE 09/01/05	REF R487-- 25564
			SEQN- 27853			
			FROM JP			
			JREF- 1504487_201			

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.
Refer to DWG PIGBACKA0405 and/or PIGBACKB0405 for
Piggyback details. Top Chord of supporting truss
under piggyback to be braced @ 24" OC, unless
otherwise specified.

110 mph wind, 10.50 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.



R=97 U=180 W=3.5"

R=332 U=180 W=3.5"

R=308 U=180 W=3.5"

R=308 U=180 W=3.5"

R=332 U=180 W=3.5"

R=97 U=180 W=3.5"

Note: All Plates Are 1.5x4 Except As Shown.

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04

803.16

07/11

FL/-/3/-/R/-

Scale = .3125"/ft.

LL

20.0 PSF

REF R487-- 25565

DL

10.0 PSF

DATE 09/01/05

DRW

HCUSR487 05244148

HC-ENG TCE/AF

BC LL

0.0 PSF

TOT.LD.

40.0 PSF

DUR.FAC.

1.25

FROM JP

SEON-

27856

JREF -

1504487_201

ALPINE

ENGINEERED PRODUCTS, INC.

1950 Marley Drive

Haines City, FL 33844

ET Certificate of Authorization # 567

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1950 Marley Drive

Haines City, FL 33844

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ALPINE

ENGINEERED PRODUCTS, INC.

1950 Marley Drive

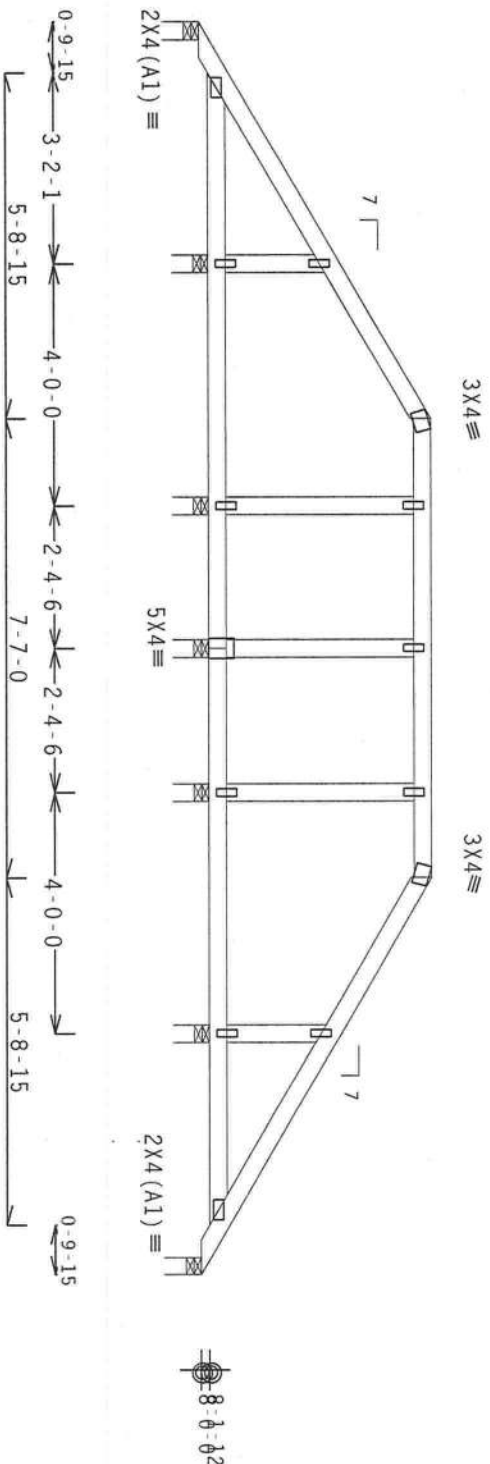
Haines City, FL 33844

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

110 mph wind, 9.92 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.

Refer to DWG PIGBACKA0405 and/or PIGBACKB0405 for
Piggyback details. Top Chord of supporting truss
under piggyback to be braced @ 24" OC, unless
otherwise specified.



R=164 U=180 W=3.5"

R=347 U=180 W=3.5"

R=255 U=180 W=3.5"

R=127 U=180 W=3.5"

R=347 U=180 W=3.5"

R=164 U=180 W=3.5"

Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04

805.1

FL/-/3/-/-/R/-

Scale = .3125"/ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31-1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRI DR., SUITE 200, MADISON, WI 53719) AND NCA (NATIONAL TRUSS COUNCIL OF AMERICA, 6200 ENTERPRISE LN., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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

PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI:

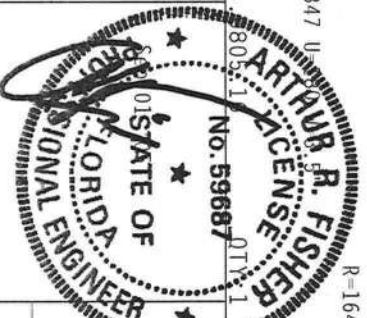
DESIGN COMPARES WITH APPLICABLE PROVISIONS OF AOS (NATIONAL DESIGN SPEC. BY AOS) AND TPI-1995 (STD) FOR THE CONNECTION OF TRUSS AND/or MEMBERS OTHERWISE LOCATED ON THIS DESIGN. POSITION THE DRAWINGS 1600-Z.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-1-2002 SEC. 3. A SEAL ON THIS 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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Haines City, FL 33844

ET Certificate of Authorization # 567



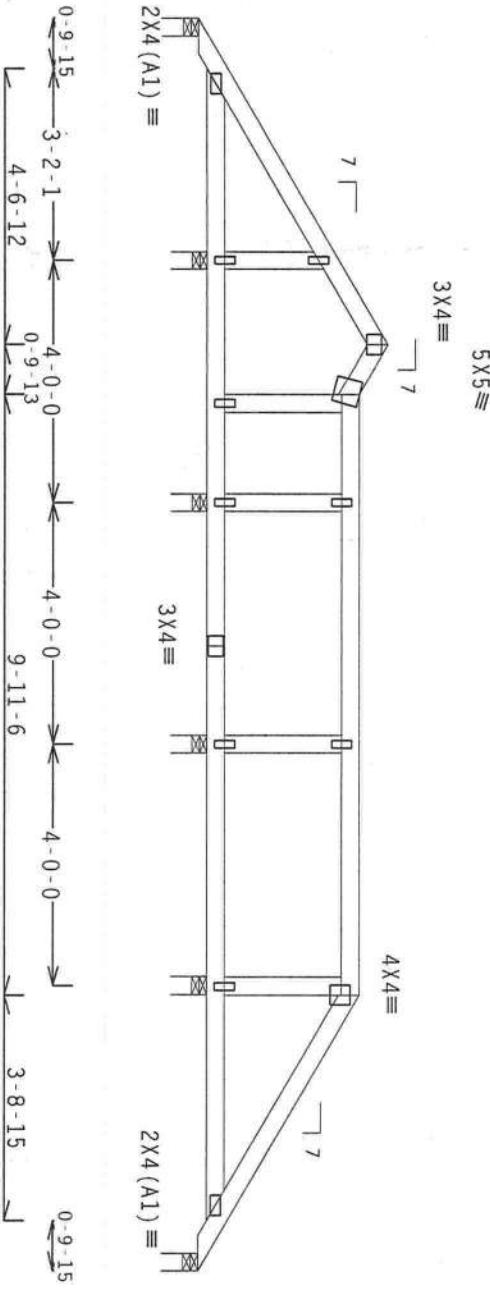
SPACING	24.0"	UREF - 1S04487_Z01
DUR. FAC.	1.25	FROM JP
TOT. LD.	40.0 PSF	HC-ENG TCE/AF
BC LL	0.0 PSF	SEON - 27861
DL	10.0 PSF	DRW HCUSR487 05244149
DL	10.0 PSF	DATE 09/01/05
LL	20.0 PSF	REF R487 - 25566

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

110 mph wind, 9.57 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.

Refer to DWG PIGBACKA0405 and/or PIGBACKB0405 for
Piggyback details. Top Chord of supporting truss
under piggyback to be braced @ 24" OC, unless
otherwise specified.



R=126 U=180 W=3.5"

R=364 U=180 W=3.5"

R=329 U=180 W=3.5"

Note: All Plates Are 1.5X4 Except As Shown.

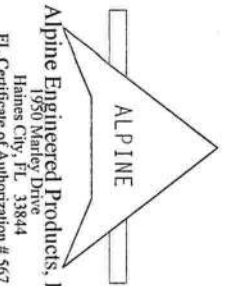
PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04 0805.1 No. 59687

FL/-/3/-/-/R/-

Scale = .3125"/ft.



ALPINE
Engineered Products, Inc.
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Haines City, FL 33844
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IMPORTANT** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'AMORIO 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 THE PROVISIONS OF THIS DESIGN, OR TO FOLLOW THE INSTRUCTIONS OF THE ALPINE ENGINEERED PRODUCTS, INC. SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE PROVISIONS OF THIS DESIGN, OR TO FOLLOW THE INSTRUCTIONS OF THE ALPINE ENGINEERED PRODUCTS, INC. SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR.

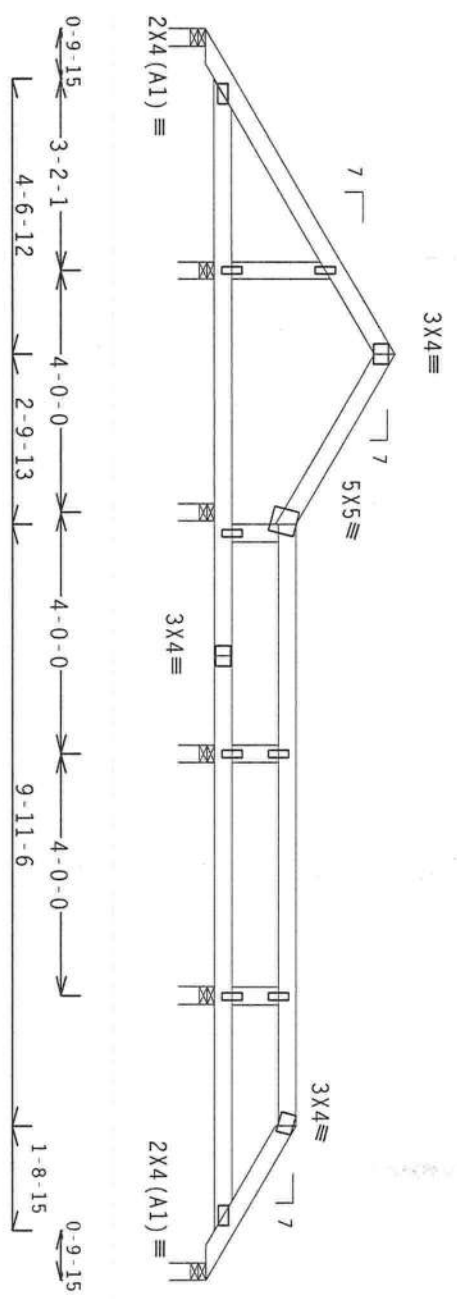
CONNECTIONS TO BE MADE ON 20/18/16/14/12/10/8/6/4/2/1/0/1/2/3/4/5/6/7/8/9/10/11/12/13/14/15/16/17/18/19/20/21/22/23/24/25/26/27/28/29/30/31/32/33/34/35/36/37/38/39/40/41/42/43/44/45/46/47/48/49/50/51/52/53/54/55/56/57/58/59/60/61/62/63/64/65/66/67/68/69/70/71/72/73/74/75/76/77/78/79/80/81/82/83/84/85/86/87/88/89/90/91/92/93/94/95/96/97/98/99/100/101/102/103/104/105/106/107/108/109/110/111/112/113/114/115/116/117/118/119/120/121/122/123/124/125/126/127/128/129/130/131/132/133/134/135/136/137/138/139/140/141/142/143/144/145/146/147/148/149/150/151/152/153/154/155/156/157/158/159/160/161/162/163/164/165/166/167/168/169/170/171/172/173/174/175/176/177/178/179/180/181/182/183/184/185/186/187/188/189/190/191/192/193/194/195/196/197/198/199/200/201/202/203/204/205/206/207/208/209/210/211/212/213/214/215/216/217/218/219/220/221/222/223/224/225/226/227/228/229/230/231/232/233/234/235/236/237/238/239/240/241/242/243/244/245/246/247/248/249/250/251/252/253/254/255/256/257/258/259/260/261/262/263/264/265/266/267/268/269/270/271/272/273/274/275/276/277/278/279/280/281/282/283/284/285/286/287/288/289/290/291/292/293/294/295/296/297/298/299/300/301/302/303/304/305/306/307/308/309/310/311/312/313/314/315/316/317/318/319/320/321/322/323/324/325/326/327/328/329/330/331/332/333/334/335/336/337/338/339/340/341/342/343/344/345/346/347/348/349/350/351/352/353/354/355/356/357/358/359/360/361/362/363/364/365/366/367/368/369/370/371/372/373/374/375/376/377/378/379/380/381/382/383/384/385/386/387/388/389/390/391/392/393/394/395/396/397/398/399/400/401/402/403/404/405/406/407/408/409/410/411/412/413/414/415/416/417/418/419/420/421/422/423/424/425/426/427/428/429/430/431/432/433/434/435/436/437/438/439/440/441/442/443/444/445/446/447/448/449/450/451/452/453/454/455/456/457/458/459/460/461/462/463/464/465/466/467/468/469/470/471/472/473/474/475/476/477/478/479/480/481/482/483/484/485/486/487/488/489/490/491/492/493/494/495/496/497/498/499/500/501/502/503/504/505/506/507/508/509/510/511/512/513/514/515/516/517/518/519/520/521/522/523/524/525/526/527/528/529/530/531/532/533/534/535/536/537/538/539/540/541/542/543/544/545/546/547/548/549/550/551/552/553/554/555/556/557/558/559/560/561/562/563/564/565/566/567/568/569/570/571/572/573/574/575/576/577/578/579/580/581/582/583/584/585/586/587/588/589/590/591/592/593/594/595/596/597/598/599/600/601/602/603/604/605/606/607/608/609/610/611/612/613/614/615/616/617/618/619/620/621/622/623/624/625/626/627/628/629/630/631/632/633/634/635/636/637/638/639/640/641/642/643/644/645/646/647/648/649/650/651/652/653/654/655/656/657/658/659/660/661/662/663/664/665/666/667/668/669/670/671/672/673/674/675/676/677/678/679/680/681/682/683/684/685/686/687/688/689/690/691/692/693/694/695/696/697/698/699/700/701/702/703/704/705/706/707/708/709/710/711/712/713/714/715/716/717/718/719/720/721/722/723/724/725/726/727/728/729/730/731/732/733/734/735/736/737/738/739/740/741/742/743/744/745/746/747/748/749/750/751/752/753/754/755/756/757/758/759/760/761/762/763/764/765/766/767/768/769/770/771/772/773/774/775/776/777/778/779/780/781/782/783/784/785/786/787/788/789/790/791/792/793/794/795/796/797/798/799/800/801/802/803/804/805/806/807/808/809/810/811/812/813/814/815/816/817/818/819/820/821/822/823/824/825/826/827/828/829/830/831/832/833/834/835/836/837/838/839/840/841/842/843/844/845/846/847/848/849/850/851/852/853/854/855/856/857/858/859/860/861/862/863/864/865/866/867/868/869/870/871/872/873/874/875/876/877/878/879/880/881/882/883/884/885/886/887/888/889/890/891/892/893/894/895/896/897/898/899/900/901/902/903/904/905/906/907/908/909/910/911/912/913/914/915/916/917/918/919/920/921/922/923/924/925/926/927/928/929/930/931/932/933/934/935/936/937/938/939/940/941/942/943/944/945/946/947/948/949/950/951/952/953/954/955/956/957/958/959/960/961/962/963/964/965/966/967/968/969/970/971/972/973/974/975/976/977/978/979/980/981/982/983/984/985/986/987/988/989/990/991/992/993/994/995/996/997/998/999/1000/1001/1002/1003/1004/1005/1006/1007/1008/1009/1010/1011/1012/1013/1014/1015/1016/1017/1018/1019/1020/1021/1022/1023/1024/1025/1026/1027/1028/1029/1030/1031/1032/1033/1034/1035/1036/1037/1038/1039/1040/1041/1042/1043/1044/1045/1046/1047/1048/1049/1050/1051/1052/1053/1054/1055/1056/1057/1058/1059/1060/1061/1062/1063/1064/1065/1066/1067/1068/1069/1070/1071/1072/1073/1074/1075/1076/1077/1078/1079/1080/1081/1082/1083/1084/1085/1086/1087/1088/1089/1090/1091/1092/1093/1094/1095/1096/1097/1098/1099/1100/1101/1102/1103/1104/1105/1106/1107/1108/1109/1110/1111/1112/1113/1114/1115/1116/1117/1118/1119/1120/1121/1122/1123/1124/1125/1126/1127/1128/1129/1130/1131/1132/1133/1134/1135/1136/1137/1138/1139/1140/1141/1142/1143/1144/1145/1146/1147/1148/1149/1150/1151/1152/1153/1154/1155/1156/1157/1158/1159/1160/1161/1162/1163/1164/1165/1166/1167/1168/1169/1170/1171/1172/1173/1174/1175/1176/1177/1178/1179/1180/1181/1182/1183/1184/1185/1186/1187/1188/1189/1190/1191/1192/1193/1194/1195/1196/1197/1198/1199/1200/1201/1202/1203/1204/1205/1206/1207/1208/1209/1210/1211/1212/1213/1214/1215/12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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.

Refer to DWG PIGBACKA0405 and/or PIGBACKB0405 for
Piggyback details. Top Chord of supporting truss
under piggyback to be braced @ 24" OC, unless
otherwise specified.

110 mph wind, 9.57 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.



R=198 U=180 W=3.5" R=273 U=180 W=3.5" R=306 U=180 W=3.5" R=287 U=180 W=3.5" R=451 U=180 W=3.5"

Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04

FL/-/3/-/-/R/-

Scale = .3125"/ft.

****WARNING**** TRUSSES REQUIRE EXTERIOR 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'ONOFRI 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.

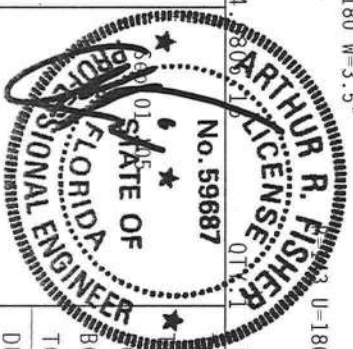
ALPINE ENGINEERED PRODUCTS, INC.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI'S OR FABRICATOR'S, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, CONNECTIONS, OR DETAILING INSTRUCTIONS MAY BE THE RESPONSIBILITY OF THE CONTRACTOR. APPLY THE FOLLOWING TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2, 160B-2, 160C-2, 160D-2, 160E-2, 160F-2, 160G-2, 160H-2, 160I-2, 160J-2, 160K-2, 160L-2, 160M-2, 160N-2, 160O-2, 160P-2, 160Q-2, 160R-2, 160S-2, 160T-2, 160U-2, 160V-2, 160W-2, 160X-2, 160Y-2, 160Z-2. A SEAL ON THIS 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 Engineered Products, Inc.
1950 Manley Drive
Haines City, FL 33844

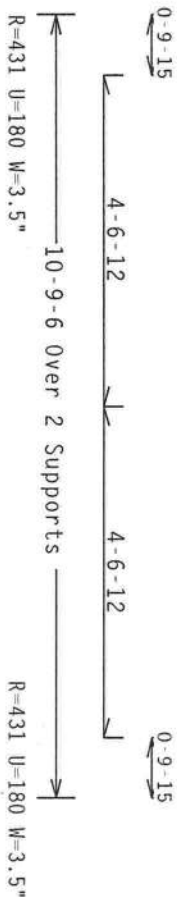
FL Certificate of Authorization # 567



SPACING	24.0"	UREF - 1S04487_201
DUR. FAC.	1.25	FROM JP
TOT. LD.	40.0 PSF	SEQN - 27872
BC LL	0.0 PSF	HC-ENG TCE/AF
CC DL	10.0 PSF	DRW HCUSR487 05244151
LL	20.0 PSF	REF R487 - 25568
DATE	09/01/05	

110 mph wind, 9.57 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.

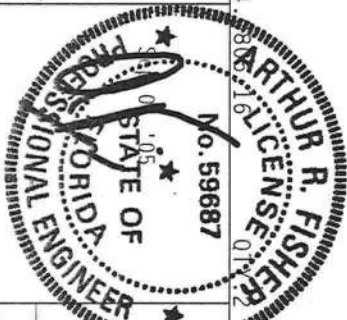
Refer to DWG PIGBACKA0405 and/or PIGBACKB0405 for Piggyback details. Top Chord of supporting truss under piggyback to be braced @ 24" OC, unless otherwise specified.



7.04

Alpine Engineered Products, Inc.
1650 Mayfield Drive

El Coeficiente de Asimetricidad # 66.7



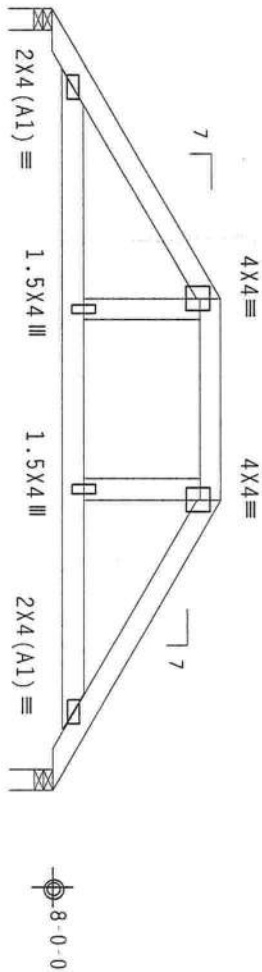
Scale = .315"/ft.	
FL/-3/-/-/R/-	REF R487 - 25569
C LL 20.0 PSF	DATE 09/01/05
C DL 10.0 PSF	DRW HCUSR487 05244152
C DL 10.0 PSF	HC-ENG TCE/AF
BC LL 0.0 PSF	SEQN- 27875
TOT.LD. 40.0 PSF	FROM JP
DUR.FAC. 1.25	JREF- 1504487 Z01
SPACING 24.0"	

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

110 mph wind, 9.17 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.

Refer to DWG PIGBACKA0405 and/or PIGBACKB0405 for
piggyback details. Top Chord of supporting truss
under piggyback to be braced @ 24" OC, unless
otherwise specified.



0-9-15
3-2-1 2-9-6 3-2-1 0-9-15
10-9-6 over 2 Supports
R=431 U=180 W=3.5"

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04



FL/-/3/-/1/-/R/-

Scale = .375"/ft.

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

WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31-1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE TRUSS PLATE INSTITUTE, 583 D'ONOFIO DR., SUITE 200, MADISON, WI 53719, AND NCEA (6000 TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD TO THE TRUSS DESIGN SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF IBCS (NATIONAL DESIGN SPEC. BY AIA/ASA AND TPI). APPLY CORRECTION 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 INSTITUTE OF STEEL CONSTRUCTION, INC. (AISC) DESIGN GUIDE 9, THE STEELABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

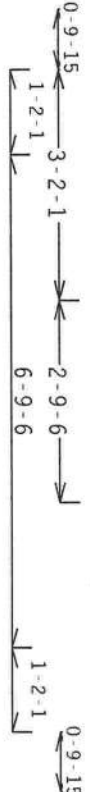
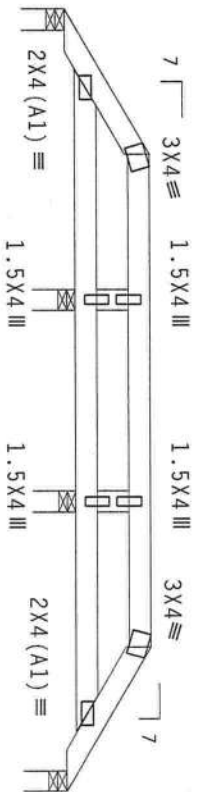
TOT. LL	20.0 PSF	REF R487 - 25570
DL	10.0 PSF	DATE 09/01/05
BC DL	10.0 PSF	DRW HCUR487 05244153
BC LL	0.0 PSF	HC-ENG TCE/AF
TOT. LD.	40.0 PSF	SEQN - 27878
DUR. FAC.	1.25	FROM JP
SPACING	24.0"	JREF - 1S04487_201

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.

Refer to DWG PIGBACKA0405 and/or PIGBACKB0405 for
Piggyback details. Top Chord of supporting truss
under piggyback to be braced @ 24" OC, unless
otherwise specified.

110 mph wind, 8.58 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 BC DL=5.0 psf.



R=200 U=180 W=3.5"
R=232 U=180 W=3.5"
R=200 U=180 W=3.5"

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04.003.16

Mo. 59687

QTY 1

TL/-/3/-/-/R/-

Scale =.375"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
F1 Certificate of Authorization # 567



TOT. LD.	40.0 PSF	SEQN -	27884
DUR. FAC.	1.25	FROM	JP
SPACING	24.0"	JREF -	1504487_201

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(*)

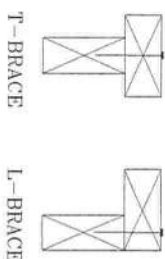
T-BRACE, L-BRACE AND SCAB BRACE TO BE SAME SPECIES AND GRADE OR BETTER THAN WEB MEMBER UNLESS SPECIFIED OTHERWISE ON ENGINEER'S SEALED DESIGN.

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

T-BRACING OR L-BRACING:

APPLY TO EITHER SIDE OF WEB NARROW FACE
ATTACH WITH 16d NAILS AT 6" O.C.
BRACE IS A MINIMUM 80% OF WEB MEMBER LENGTH

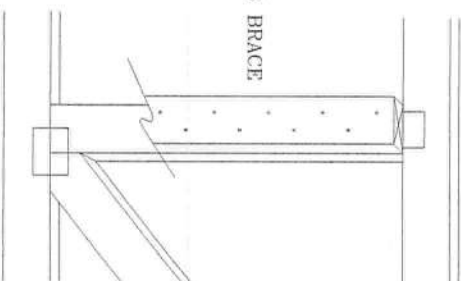
T-BRACE OR L-BRACE



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

SCAB BRACE



THIS DRAWING REPLACES DRAWING 579.640

ALPINE

ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

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IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY REVISION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONNECTORS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC BY AISC/AIA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA C/M/S/D ASTM A653 GRADE 40/60 C/M/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 CD SHALL BE THE RESPONSIBILITY OF THE INSPECTOR. A SEAL OR THIS BRANCHER INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING STANDARDS. THE DESIGNER'S SIGNATURE SHALL BE IN THE SPACE PROVIDED FOR THE DESIGNER'S SIGNATURE. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2

ARTHUR R. FISHER
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER

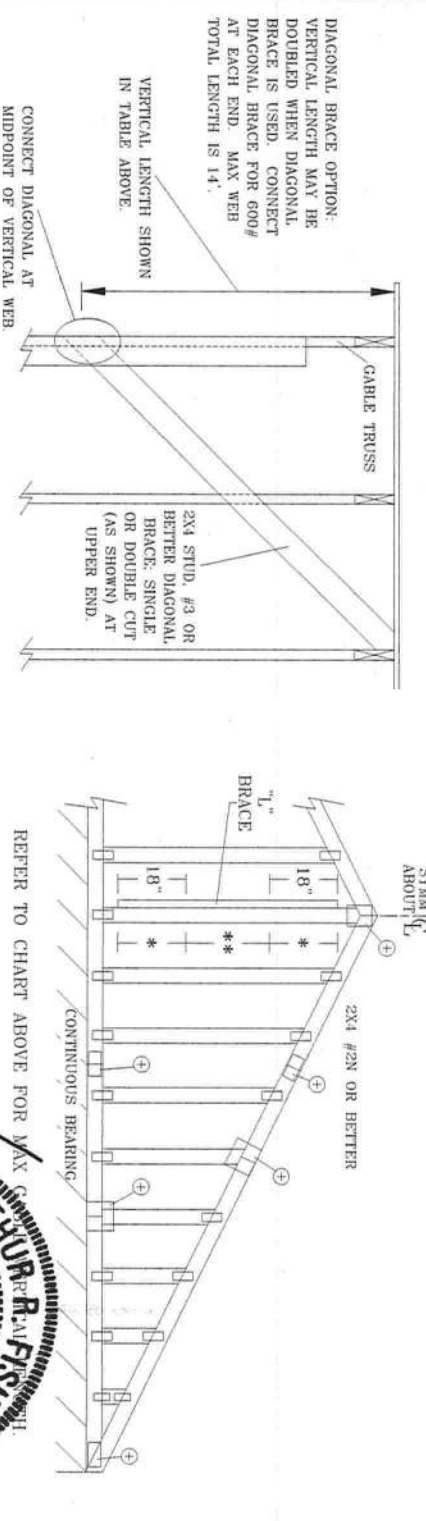
LL PSF
TC DL PSF
DL PSF
LD PSF

DUR. FAC.
SPACING

REF CLB SUBST.
DATE 11/26/03
DRWG BRCLSUB1103
-ENG MLH/KAR

ASCE 7-98: 110 MPH WIND SPEED, 15' MEAN HEIGHT, ENCLOSED, I = 1.00, EXPOSURE C

MAX GABLE VERTICAL LENGTH																			
2x4 GABLE VERTICAL SPACING SPECIES		BRACE		NO		(1) 1x4 "L" BRACE *		(1) 2x4 "L" BRACE *		(2) 2x4 "L" BRACE **		(1) 2x6 "L" BRACE *		(2) 2x6 "L" BRACE *		(2) 2x6 "L" BRACE **			
GRADE		BRACES		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' 8"	12' 5"	12' 9"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	
			STUD	3' 9"	6' 0"	6' 0"	7' 11"	7' 11"	9' 5"	9' 5"	12' 4"	12' 4"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	
				STANDARD	3' 9"	5' 2"	5' 2"	6' 9"	6' 9"	9' 5"	9' 5"	12' 3"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	HF	#1	4' 3"	6' 8"	7' 2"	7' 11"	8' 6"	9' 5"	10' 2"	12' 5"	13' 5"	14' 0"	14' 0"	14' 0"	14' 0"	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"	14' 0"	14' 0"	14' 0"	14' 0"	
				#3	4' 0"	6' 2"	6' 2"	7' 11"	8' 1"	9' 5"	9' 11"	12' 5"	12' 8"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	DfL	#3	4' 0"	6' 1"	6' 1"	7' 11"	8' 0"	9' 5"	9' 11"	12' 5"	12' 6"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	
			STUD	3' 10"	5' 3"	5' 3"	6' 11"	6' 11"	9' 4"	9' 4"	10' 10"	10' 10"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
				STANDARD	4' 5"	7' 8"	7' 10"	9' 1"	9' 4"	10' 10"	11' 1"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	16" O.C.	SPF	#1 / #2	4' 4"	7' 4"	7' 4"	9' 1"	9' 1"	10' 10"	10' 10"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	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"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
					STANDARD	4' 4"	6' 4"	6' 4"	8' 4"	8' 4"	10' 10"	10' 10"	12' 11"	12' 11"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
HF		#1	4' 10"	7' 8"	8' 3"	9' 1"	9' 9"	10' 10"	11' 8"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	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"	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"	14' 0"	14' 0"	14' 0"	14' 0"
SP		#2	4' 9"	7' 6"	7' 6"	9' 1"	9' 6"	10' 10"	11' 4"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"		
			STUD	4' 5"	6' 5"	6' 5"	8' 6"	8' 6"	10' 10"	11' 1"	13' 3"	13' 3"	14' 0"	14' 0"	14' 0"	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"	14' 0"	14' 0"	14' 0"	14' 0"
24" O.C.		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"	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"	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"	14' 0"	14' 0"	14' 0"
	HF	#1	5' 4"	8' 5"	9' 1"	10' 0"	10' 9"	11' 11"	12' 10"	14' 0"	14' 0"	14' 0"	14' 0"	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"	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"	14' 0"	14' 0"	14' 0"	14' 0"
	DfL	#3	5' 0"	8' 5"	8' 5"	10' 0"	10' 6"	11' 11"	12' 6"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"		
			STUD	4' 11"	7' 5"	7' 5"	9' 10"	9' 10"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"	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"	14' 0"	14' 0"	14' 0"	14' 0"



ALPINE ENGINEERED PRODUCTS, INC.
POMPAHO BEACH, FLORIDA

ALPINE

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'.

VERTICAL LENGTH SHOWN
IN TABLE ABOVE.

CONNECT DIAGONAL AT
MIDPOINT OF VERTICAL WEB.

2x4 STUD, #3 OR
BETTER DIAGONAL
BRACE, SINGLE
OR DOUBLE CUT
(AS SHOWN) AT
UPPER END.

REFER TO CHART ABOVE FOR MAX
VERTICAL LENGTH.

STATE OF FLORIDA
No. 59687
ARTHUR R. FISHER
PROFESSIONAL ENGINEER

MAX. SPACING 24' 0"

TOT. LD. 60 PSF

REF ASCE7-98-GAB11015
DATE 11/26/03
DRWG A11015EC1103
-ENG

BRACING GROUP SPECIES AND GRADES:	
GROUP A:	
SPRUCE-PINE-FIR	HEM-FIR
#1 / #2	#2
STUD	STUD
#3	#3
STANDARD	STANDARD
DOUGLAS FIR-LARCH	
#3	#3
STUD	STUD
STANDARD	STANDARD
GROUP B:	
HEM-FIR	DOUGLAS FIR-LARCH
#1 & BTR	#1
#1	#2
#2	#2

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS $L/240$.

PROVIDE UPLIFT CONNECTIONS FOR 80 PSF OVER
CONTINUOUS BEARING (6 PSF TO 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' 0".
IN 16" END ZONES AND 4' 0" O.C. BETWEEN ZONES.

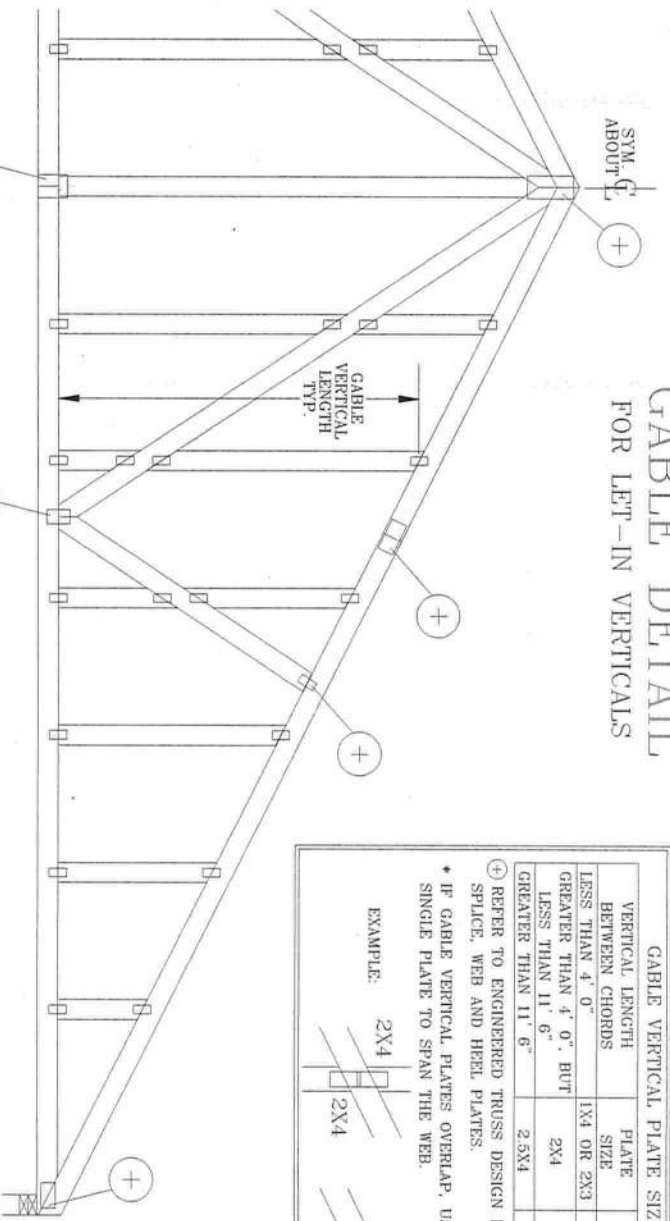
** FOR (2) "L" BRACES, SPACE NAILS AT 3' 0".
IN 16" END ZONES AND 6' 0" O.C. BETWEEN ZONES.

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

GABLE VERTICAL PLATE SIZES	
VERTICAL LENGTH	NO SPICE
LESS THAN 4' 0"	1x4 OR 2x3
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2x4
GREATER THAN 11' 6"	2.5x4

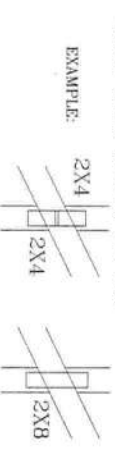
+ REFER TO COMMON TRUSS DESIGN FOR
PEAK, SPICE, AND HEEL PLATES.

GABLER DETAIL FOR LET-IN VERTICALS



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

* IF GABLER VERTICAL PLATES OVERLAP, USE A SINGLE PLATE TO SPAN THE WEB.



PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN. ATTACH EACH "T" REINFORCING MEMBER WITH

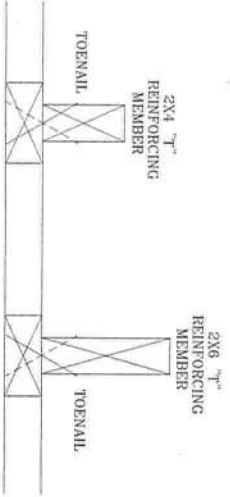
HAND DRIVEN NAILS:
10d COMMON TOENAILS AT 4" O.C. PLUS (4) 16d COMMON TOENAILS IN TOP AND BOTTOM CHORD.

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

THIS DETAIL TO BE USED WITH THE APPROPRIATE ALPINE GABLER DETAIL FOR ASCE OR SBCCI WIND LOAD.

- ASCE 7-93 GABLER DETAIL DRAWINGS
 A11015EN1103, A10015EN1103, A08015EN1103, A07015EN1103
 A11030EN1103, A10030EN1103, A08030EN1103, A07030EN1103
 ASCE 7-98 GABLER DETAIL DRAWINGS
 A13015EC1103, A12015EC1103, A11015EC1103, A08515EC1103
 A13030EC1103, A12030EC1103, A11030EC1103, A08530EC1103
 SBCCI GABLER DETAIL DRAWINGS
 S11015EN1103, S10015EN1103, S09015EN1103, S08015EN1103, S07015EN1103
 S11030EN1103, S10030EN1103, S09030EN1103, S08030EN1103, S07030EN1103

SEE APPROPRIATE ALPINE GABLER DETAIL (ASCE OR SBCCI WIND LOAD) FOR MAXIMUM UNREINFORCED GABLER VERTICAL LENGTH.



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

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

WEB LENGTH INCREASE W/ "T" BRACE

WIND SPEED AND MRH	"T" REINF. MBR. SIZE	SBCCI	ASCE
110 MPH	2x4	10 %	10 %
110 MPH	2x6	40 %	50 %
110 MPH	2x4	10 %	10 %
110 MPH	2x6	50 %	50 %
110 MPH	2x4	10 %	10 %
110 MPH	2x6	30 %	50 %
100 MPH	2x4	10 %	10 %
100 MPH	2x6	40 %	40 %
100 MPH	2x4	20 %	10 %
100 MPH	2x6	20 %	40 %
90 MPH	2x4	10 %	10 %
90 MPH	2x6	30 %	50 %
90 MPH	2x4	10 %	20 %
90 MPH	2x6	10 %	30 %
80 MPH	2x4	0 %	20 %
80 MPH	2x6	0 %	20 %
70 MPH	2x4	0 %	20 %
70 MPH	2x6	0 %	20 %
30 FT	2x6	10 %	30 %

EXAMPLE:

ASCE WIND SPEED = 100 MPH
 MEAN ROOF HEIGHT = 30 FT
 GABLER 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 GABLER VERTICAL LENGTH 1.10 x 6' 7" = 7' 3"

ALPINE
ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

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ARTHUR B. FISHER
STATE OF FLORIDA
PROFESSIONAL ENGINEER
No. 59687

DESIGN DRAWINGS GAB98117 876.719 & HC26294035

DATE 01/16/04

DRWG GBLTINI103

ENG DLJ/KAR

FORM 600A-2001

EnergyGauge® 3.4

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Builder: Eringer Homes

Permitting Office:

Permit Number:

Jurisdiction Number:

Project Name: Keith Wooley

City, State: Lake City, FL

Owner: Keith Wooley

Climate Zone: North

Att: Joe H.

1. New construction or existing	New
2. Single family or multi-family	Single family
3. Number of units, if multi-family	1
4. Number of Bedrooms	4
5. Is this a worst case?	No
6. Conditioned floor area (ft²)	2659 ft²
7. Clear glass, default U-factor	0.0 ft²
a. Double Pane	347.0 ft²
b. Single Pane	0.0 ft²
c. Labeled U-factor or SHGC	0.0 ft²
8. Floor types	0.0 ft²
a. Slab-On-Grade Edge Insulation	R=0.0, 221.0(p) ft²
b. N/A	
c. N/A	
9. Wall types	
a. Frame, Wood, Exterior	R=11.0, 1504.0 ft²
b. Frame, Wood, Adjacent	R=11.0, 221.0 ft²
c. N/A	
d. N/A	
e. N/A	
10. Ceiling types	
a. Under Attic	R=30.0, 2659.0 ft²
b. N/A	
c. N/A	
d. N/A	
11. Ducts	
a. Sup. Unc. Ret. Unc. AH: Interior	Sup. R=6.0, 200.0 ft²
b. N/A	

12. Cooling systems	
a. Central Unit	
b. N/A	
c. N/A	
13. Heating systems	
a. Electric Heat Pump	
b. N/A	
c. N/A	
14. Hot water systems	
a. Electric Resistance	
b. N/A	
c. N/A	
15. HVAC credits	
a. Conservation credits	
b. N/A	
c. (HR-Heat recovery, Solar DHP-Dedicated heat pump)	
d. (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	

Cap: 60.0 kBtu/hr
SEER: 10.00

Cap: 60.0 kBtu/hr
HSPF: 7.00

Cap: 50.0 gallons
EF: 0.91

Glass/Floor Area: 0.13
Total as-built points: 37021
Total base points: 38539
PASS



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: _____

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

PREPARED BY: _____
DATE: 9-28-05

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

OWNER/AGENT: _____
DATE: 9-30-05

FORM 600A-2001

EnergyGauge® 3.4

SUMMER CALCULATIONS**Residential Whole Building Performance Method A - Details**

ADDRESS: , Lake City, FL,

PERMIT #:

BASE									
GLASS TYPES									
.18 X Conditioned X BSPM = Points					Floor Area				
.18					2659.0				
20.04					9591.5				
Double, Clear					N				
Double, Clear					E				
Double, Clear					S				
Double, Clear					W				
As-Built Total:					347.0				
Type					R-Value Area X SPM = Points				
Overhang					Omt Len Hgt Area X SPM X SOF = Points				
AS-BUILT									

FORM 600A-2001

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , Lake City, FL,

PERMIT #:

BASE					AS-BUILT				
Summer Base Points: 36280.0					Summer As-Built Points: 36499.8				
Total Summer X System = Cooling Points					Total X Cap X Duct X System X Credit = Cooling Points				
Multiplier					Multiplier				
Points					Points				
36280.0					36499.8				
0.4266					1.00				
15477.1					1.00				
36499.8					1.00				
(1.090 x 1.147 x 0.91) 0.341					1.00				
1.138					1.00				
0.341					1.00				
14172.9					14172.9				

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , Lake City, FL,

PERMIT #:

BASE									
GLASS TYPES									
.18 X Conditioned X BWPM = Points									
Floor Area									
.18	2659.0	12.74	6097.6	Double, Clear	N	1.5	8.0	88.0	24.58
				Double, Clear	E	1.5	8.0	60.0	18.79
				Double, Clear	S	1.5	8.0	173.0	13.30
				Double, Clear	W	1.5	8.0	26.0	20.73
				Double, Clear					1.01
				Double, Clear					544.9
				Double, Clear					2394.9
				Double, Clear					1150.0
				Double, Clear					2164.7
				Double, Clear					1.00
				Double, Clear					24.58
				Double, Clear					88.0
				Double, Clear					1.00
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				Double, Clear					88.0
				Double, Clear					1.00
				Double, Clear		</			

WINTER CALCULATIONS

ADDRESS: , Lake City, FL,

PERMIT #:

BASE	Winter Base Points:	19251.3	Total Winter X System = Heating Points Multiplier	0.6274	12078.2
AS-BUILT	Winter As-Built Points:	21596.1	Total X Cap X Duct X System X Credit = Heating Component Ratio Multiplier Multiplier Multiplier Points (DM x DSM x AHU)	1.000 $(1.069 \times 1.169 \times 0.93)$ 0.487	21596.1 1.00 1.162 0.487 1.000 12226.6

FORM 600A-2001

EnergyGauge® 3.4

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

ADDRESS: , Lake City, FL,	PERMIT #:
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BASE		AS-BUILT					
WATER HEATING		As-Built Total:					
Bedrooms	4	Volume	50.0	0.91	4	Ratio	1.00
Number of X Multiplier = Total	2746.00	Tank EF	50.0	0.91	4	Number of X Tank X Multiplier X Credit = Total	10621.9
	10984.0						10621.9

BASE		AS-BUILT					
CODE COMPLIANCE STATUS							
Cooling Points	15477	Cooling Points	14173	Heating Points	12227	Hot Water Points	10622
+ Heating Points	12078	+ Heating Points	10984	+ Heating Points	12227	+ Heating Points	10622
= Total Points	38539	= Total Points	38539	= Total Points	12227	= Total Points	10622

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , Lake City, FL,	PERMIT #:
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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.	
Floors	606.1.ABC.1.2.2	EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate. Penetrations/openings > 1/8" sealed unless backed by truss or joint members.	
Ceilings	606.1.ABC.1.2.3	EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams. 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 cm 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.	
HVAC Controls	607.1	Ducts in unconditioned attics: R-5 min. insulation. Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

Residential System Sizing Calculation

Summary

Keith Wooley

Project Title:
Keith Wooley

Lake City, FL

Code Only
Professional Version
Climate: North

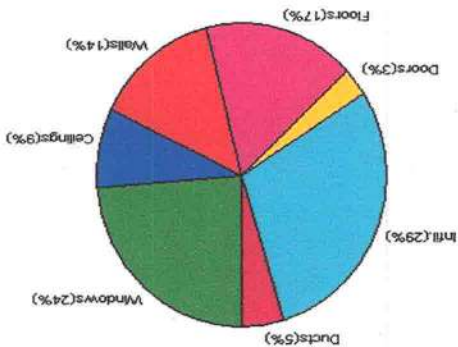
8/24/2005

Location for weather data: Jacksonville - User customized: Latitude(30) Temp Range(M) Humidity data: Interior RH (50%) Outdoor wet bulb (78F) Humidity difference(49gr.)			
Winter design temperature	32 F	Summer design temperature	99 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	38 F	Summer temperature difference	24 F
Total heating load calculation		Total cooling load calculation	
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	150.0 60000	Sensible (SHR = 1)	160.6 60000
Heat Pump + Auxiliary(0.0kW)	150.0 60000	Latent	0.0 0
Total (Electric Heat Pump)		Total (Electric Heat Pump)	
	124.6 60000		124.6 60000

WINTER CALCULATIONS

Winter Heating Load (for 2649 sqft)

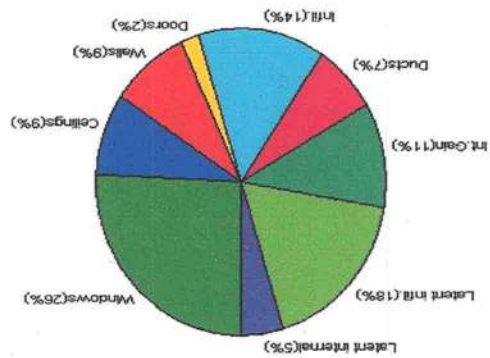
Load component		
Window total	347 sqft	9543 Btuh
Wall total	1725 sqft	5511 Btuh
Door total	78 sqft	1206 Btuh
Ceiling total	2649 sqft	3444 Btuh
Floor total	221 ft	6807 Btuh
Infiltration	277 cfm	11577 Btuh
Subtotal		38087 Btuh
Duct loss		1904 Btuh
TOTAL HEAT LOSS		39992 Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 2649 sqft)

Load component		
Window total	347 sqft	12513 Btuh
Wall total	1725 sqft	4136 Btuh
Door total	78 sqft	994 Btuh
Ceiling total	2649 sqft	4185 Btuh
Floor total	0	0 Btuh
Infiltration	255 cfm	6728 Btuh
Internal gain		5400 Btuh
Subtotal(sensible)		33955 Btuh
Duct gain		3396 Btuh
Total sensible gain		37351 Btuh
Latent gain(infiltration)		8491 Btuh
Latent gain(internal)		2300 Btuh
Total latent gain		10791 Btuh
TOTAL HEAT GAIN		48142 Btuh



EnergyGauge® System Sizing based on ACCA Manual J.
PREPARED BY: *[Signature]*
DATE: 8-24-05

EnergyGauge® FLRCPB v3.4

System Sizing Calculations - Winter

Residential Load - Component Details

Keith Wooley

Project Title:
Keith Wooley

Code Only
Professional Version
Climate: North

Lake City, FL

Reference City: Jacksonville (User customized) Winter Temperature Difference: 38.0 F 8/24/2005

Window	Panes/SHGC/Frame/U				Orientation	Area X	HTM=	Load
1	2, Clear, Metal, DEF	N	88.0	27.5	2420 Btuh			
2	2, Clear, Metal, DEF	E	60.0	27.5	1650 Btuh			
3	2, Clear, Metal, DEF	S	173.0	27.5	4758 Btuh			
4	2, Clear, Metal, DEF	W	26.0	27.5	715 Btuh			
	Window Total				9543 Btuh			
Walls	Type	R-Value	Area X	HTM=	Load			
	Frame - Exterior	11.0	1504	3.4	5114 Btuh			
2	Frame - Adjacent	11.0	221	1.8	398 Btuh			
	Wall Total				5511 Btuh			
Doors	Type	Area X	HTM=	Load				
	Wood - Exter	59	17.5	1031 Btuh				
2	Wood - Adjac	19	9.2	175 Btuh				
	Door Total				1206Btuh			
Ceilings	Type	R-Value	Area X	HTM=	Load			
	Under Attic	30.0	2649	1.3	3444 Btuh			
	Ceiling Total				3444Btuh			
Floors	Type	R-Value	Size X	HTM=	Load			
	Slab-On-Grade Edge Insul	0	221.0 ft(p)	30.8	6807 Btuh			
	Floor Total				6807 Btuh			
Infiltration	Type	ACH X	Building Volume	CFM=	Load			
	Natural	0.40	26490(sqft)	177	7397 Btuh			
	Mechanical			100	4180 Btuh			
	Infiltration Total				11577 Btuh			

Totals for Heating		
Subtotal	Duct Loss(using duct multiplier of 0.05)	1904 Btuh
	Total Btuh Loss	38087 Btuh
		39992 Btuh

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 - Manual 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

Keith Wooley

Project Title:

Keith Wooley

Lake City, FL

Reference City: Jacksonville (User customized) Summer Temperature Difference: 24.0 F 8/24/2005

Climate: North

Code Only

Professional Version

Window	Type	Overhang	Window Area(sqft)	HTM	Load
1	2, Clear, DEF, N, N	1.5	88.0	25	2200 Btuh
2	2, Clear, DEF, N, N	1.5	60.0	25	4064 Btuh
3	2, Clear, DEF, N, N	1.5	173.0	25	4325 Btuh
4	2, Clear, DEF, N, N	1.5	26.0	25	1924 Btuh
Window Total					12513 Btuh

Walls	Type	R-Value	Area	HTM	Load
1	Frame - Exterior	11.0	1504.0	2.5	3760 Btuh
2	Frame - Adjacent	11.0	221.0	1.7	376 Btuh
Wall Total					4136 Btuh

Doors	Type	Area	HTM	Load
	Wood - Exter	59.0	12.7	752 Btuh
2	Wood - Adjac	19.0	12.7	242 Btuh
Door Total				994 Btuh

Ceilings	Type/Color	R-Value	Area	HTM	Load
1	Under Attic/Dark	30.0	2649.0	1.6	4185 Btuh
Ceiling Total					4185 Btuh

Floors	Type	R-Value	Size	HTM	Load
1	Slab-On-Grade Edge Insulation	0.0	221.0 ft(p)	0.0	0 Btuh
Floor Total					0 Btuh

Infiltration	Type	ACH	Volume	CFM=	Load
	Natural	0.35	26490	154.8	4088 Btuh
	Mechanical			100	2640 Btuh
Infiltration Total					6728 Btuh

Internal gain	Occupants	Btuh/occupant	Appliance	Load
	10	300	2400	5400 Btuh

Totals for Cooling	Subtotal	Duct gain(using duct multiplier of 0.10)	Total sensible gain	Latent infiltration gain (for 49 gr. humidity difference)	Latent occupant gain (10 people @ 230 Btuh per person)	Latent other gain	TOTAL GAIN
	33955 Btuh	3396 Btuh	37351 Btuh	8491 Btuh	2300 Btuh	0 Btuh	48142 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)
EnergyGauge® FLRCPB v3.4

AAMA/NWDA 101/1.S-2-97 TEST REPORT

Rendered to

MI HOME PRODUCTS, INC.

650 West Market Street

P.O. Box 370

Gatz, Pennsylvania 17030-0370

Report No: 01-41134.01
Test Date: 03/07/02
Report Date: 03/26/02
Expiration Date: 03/07/06

Project Summary: Architectural Testing, Inc. (ATI) was contracted by MI Home Products, Inc. to perform tests on Series/Model 650 Fin, aluminum single hung window at their facility located in Elizabethtown, Pennsylvania. The samples tested successfully met the performance requirements for a H-R40 52 x 72 rating.

Test Specification: The test specimen was evaluated in accordance with AAMA/NWDA 101/1.S-2-97, *Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors.*

Test Specimen Description

Series/Model: 650 Fin

Type: Aluminum Single Hung Window

Overall Size: 4' 4-1/4" wide by 6' 0-3/8" high

Active Sash Size: 4' 1-3/4" wide by 3' 0-5/8" high

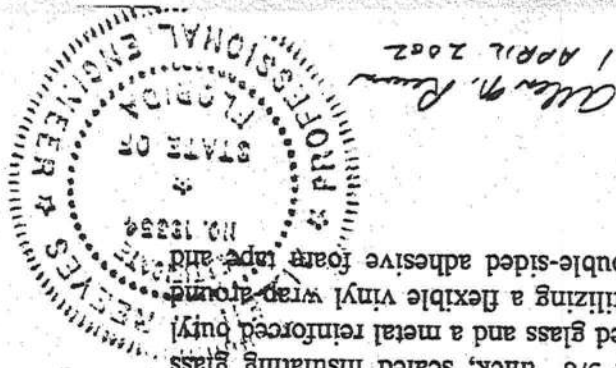
Daylight Opening Size: 3' 11-3/8" wide by 2' 9-1/2" high

Screen Size: 4' 0-1/4" wide by 2' 11-1/8" high

Finish: All aluminum was white.

Glazing Details: The active and fixed lites utilized 5/8" thick, sealed insulating glass constructed from two sheets of 1/8" thick, clear annealed glass and a metal reinforced butyl gasket. The fixed lite was interior glazed against double-sided adhesive foam tape and secured with PVC snap-in glazing beads.

130 Derry Court
York, PA 17402-9405
phone: 717.764.7700
fax: 717.764.4129
www.archtest.com



Test Specimen Description: (Continued)

Weatherstripping:

Description	Quantity	Location
0.230" high by 0.270" backed polypropylene with center fin	1 Row	Fixed meeting rail
0.250" high by 0.187" backed polypropylene with center fin	2 Rows	Active sash stiles
1/2" x 1/2" dust plug	4 Pieces	Active sash, top and bottom of stiles
1/4" foam-filled vinyl bulb seal	1 Row	Active sash, bottom rail

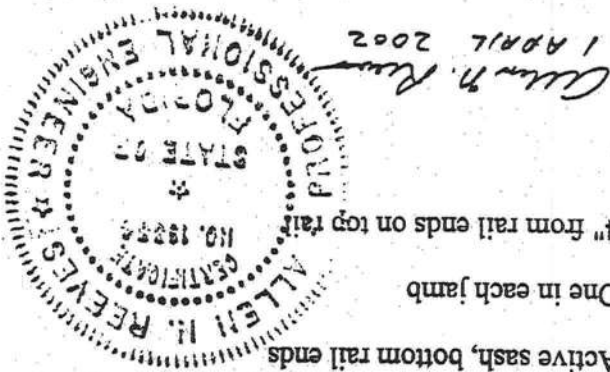
Frame Construction: The frame was constructed of extruded aluminum with coped, butted, and sealed corners fastened with two #8 x 1" screws through the head and sill into each jamb screw boss. End caps were utilized on the ends of the fixed meeting rail and secured with two 1-1/4" screws per cap. Meeting rail was secured to the frame utilizing two 1-1/4" screws.

Sash Construction: The sash was constructed of extruded aluminum with coped, butted, and sealed corners fastened with two #8 x 1-1/2" screws through the rails into each jamb screw boss.

Screen Construction: The screen was constructed from roll-formed aluminum with keyed corners. The fiberglass mesh was secured with a flexible spline.

Hardware:

Description	Quantity	Location
Metal cam lock with keeper	2	Midspace, active meeting rail with keeper adjacent on fixed meeting rail
Plastic tilt latch	2	Active sash, meeting rail ends
Metal tilt pin	2	Active sash, bottom rail ends
Balance assembly	2	One in each jamb
Screen plunger	2	4" from rail ends on top rail



Test Specimen Description: (Continued)

Drainage: Sloped sill

Reinforcement: No reinforcement was utilized.

Installation: The test specimen was installed into a 2 x 8 #2 Spruce-Pine-Fir wood test buck with #8 x 1-5/8" drywall screws every 8" on center around the nail fin. Polyurethane was used as a sealant under the nail fin and around the exterior perimeter.

Test Results:

The results are tabulated as follows:

Paragraph	Title of Test - Test Method	Results	Allowed
2.2.1.6.1	Operating Force	11 lbs	30 lbs max
	Air Infiltration (ASTM E 283-91) @ 1.57 psf (25 mph)	0.13 cfm/ft ²	0.3 cfm/ft ² max

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

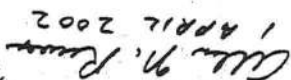
Water Resistance (ASTM E 547-00)
(with and without screen)
WTP = 2.86 psf
No leakage

2.1.4.1 Uniform Load Deflection (ASTM E 330-97)
(Measurements reported were taken on the meeting rail)
(Loads were held for 33 seconds)
@ 25.9 psf (positive) 0.42"*
@ 34.7 psf (negative) 0.43"*
0.26" max.

*Exceeds L/175 for deflection, but passes all other test requirements.
2.1.4.2 Uniform Load Structural (ASTM E 330-97)
(Measurements reported were taken on the meeting rail)
(Loads were held for 10 seconds)
@ 38.9 psf (positive) 0.02"
@ 52.1 psf (negative) 0.02"
0.18" max.

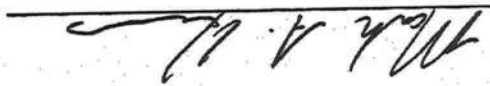


Allen N. Reeves
1 APR 12 2002



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.

For ARCHITECTURAL TESTING, INC:

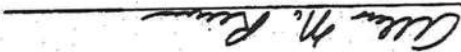

Mark A. Hess

Technician

MAH:mlb

01-41134.01

Allen N. Reeves, P.E.
Director - Engineering Services
1 APRIL 2002

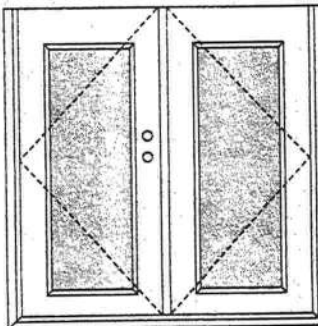




COP-WL-MA0142-02

FIBERGLASS DOORS

APPROVED ARRANGEMENT:



Note:

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

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 Masonite website (www.masonite.com), the Masonite website (www.usesmko.com), or the Masonite technical center.



Double Door
Maximum unit size = 6'0" 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-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



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.

1

XX
Glazed Inswing Unit

Oakcraft
FIBERGLASS ENTRY DOORS
WOOD GRAIN TEXTURE
Non-Insured Fiberglass Entry Doors

ARTEK
Non-Insured Fiberglass Entry Doors

PREMDOR
Premium Quality Doors

Masonite
Exclusively from
Masonite International Corporation

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

COP-WL-MA0142-02

FIBERGLASS DOORS

XX
Glazed Inswing Unit

APPROVED DOOR STYLES:

3/4 GLASS:



FULL GLASS:



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 life 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 A. Balazs

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



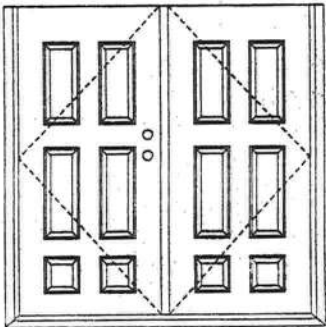
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#3026447B, #3026447C and COP/Tect;
Report Validation Matrix #3026447A-
001, 002, 003, #3026447B-001, 002,
003, #3026447C-001, 002, 003
provides additional information -
available from the ITS/WH website
(www.itswh.com), the Masonite
website (www.masonite.com)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

COP-WL-JH4102-02

WOOD-EDGE STEEL DOORS

Warrock Hersey
 Test Data Review Certificate #3026447A
 and COP/Test Report Validation Matrix
 information - available from the ITS/WH
 website (www.itswh.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".



APPROVED ARRANGEMENT:

Double Door
 Maximum unit size = 6'0" x 6'8"
Design Pressure
 +45.0/-45.0
 limited water unless special threshold design is used.
Large Missile Impact Resistance
 Hurricane protective system (shutters) is NOT 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.

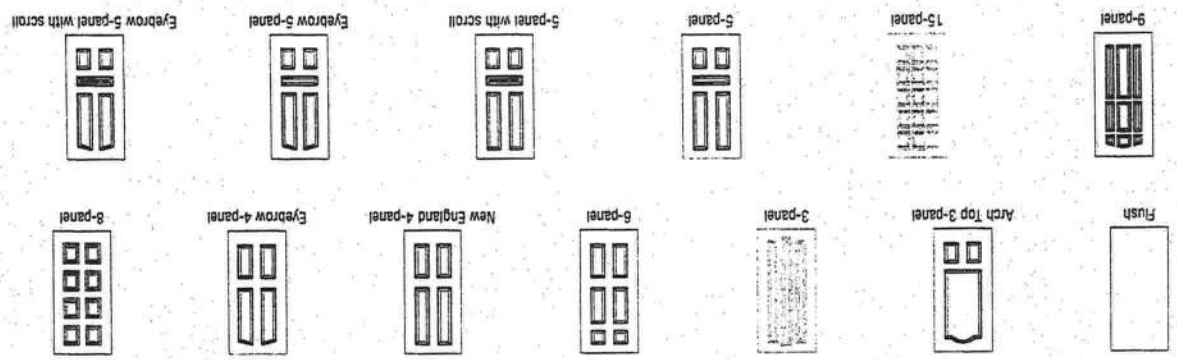
MINIMUM ASSEMBLY DETAIL:

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

MINIMUM INSTALLATION DETAIL:

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

APPROVED DOOR STYLES:



Johnson
 EntrySystems

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

PREMDOR
 Premium Quality Doors

Masonite
 Exclusively from
 Masonite International Corporation

COP-WL-JH4102-02

XX
Opaque Inswing Unit

WOOD-EDGE STEEL DOORS

CERTIFIED TEST REPORTS:

NCTL 210-1905-7, 8, 9, 10, 11, 12; NCTL 210-1861-4, 5, 6, 10, 11, 12;
NCTL 210-2185-1, 2, 3

Certifying Engineer and License Number: Barry D. Portney, P.E. / 16258.

Unit Tested in Accordance with Miami-Dade BCCO PA201, PA202 and PA203.

Evaluation report NCTL-210-2794-1

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood.
Top end rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel. 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
PA201, PA202 & PA203
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 A. Bath

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



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

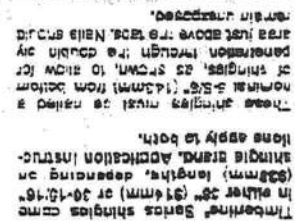
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APPLICATION INSTRUCTIONS



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Underlayments: Low Slope 2/12-4/12 (167mm-333mm)
Application of underlayment and gable flashing. Complete roof and

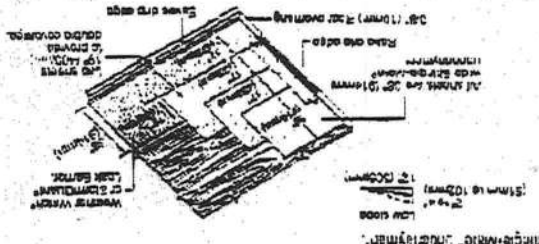
1. **WARRANTY** - The manufacturer warrants that the product is free from defects in material and workmanship for a period of one year from the date of purchase. This warranty is void if the product is damaged, altered, or misused.

2. **INSTALLATION** - The product must be installed in accordance with the manufacturer's instructions. Improper installation may void the warranty.

3. **MAINTENANCE** - The product requires regular maintenance to ensure optimal performance. Please refer to the user manual for detailed instructions.

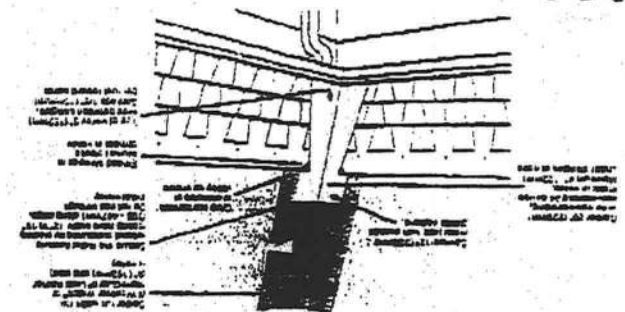
4. **REPAIRS** - In the event of a defect, the manufacturer will provide a replacement or repair at no cost to the customer.

5. **CONTACT** - For more information, please contact our customer service department at 1-800-555-1234.

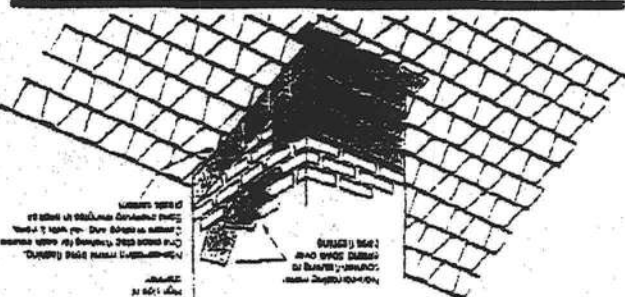
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First Course
Start and continue

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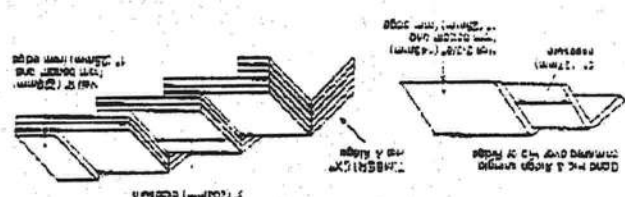
Free-Running



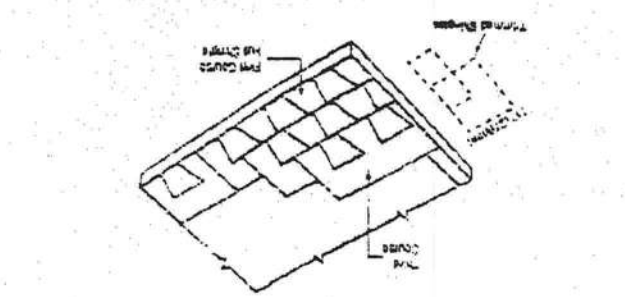
Valley Construction—Open



6 Chimney Flashing



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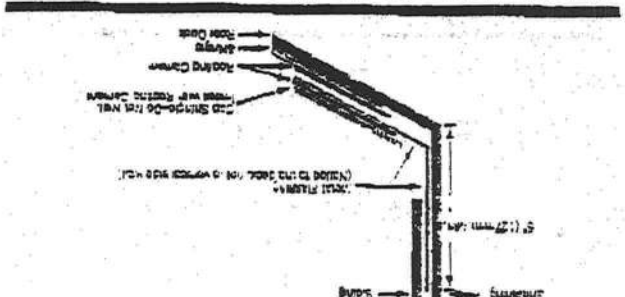
מספר תעודת זהות: 9876543210

[illegible]

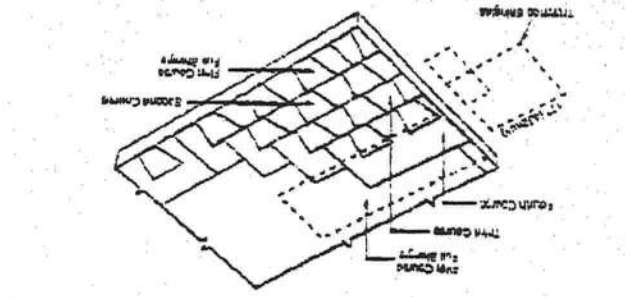
SEAN NEUBERGER



40 Valley Construction—Cul

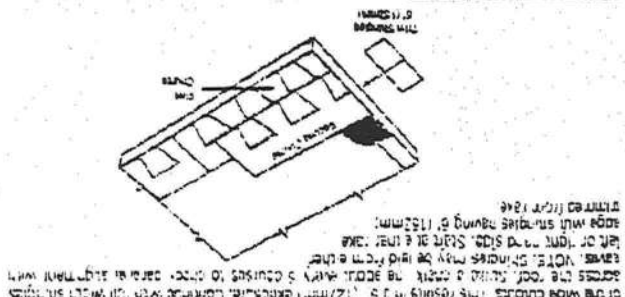


(11844 JEDJIA 02 1004 DEBIS) 61111111 11844 2



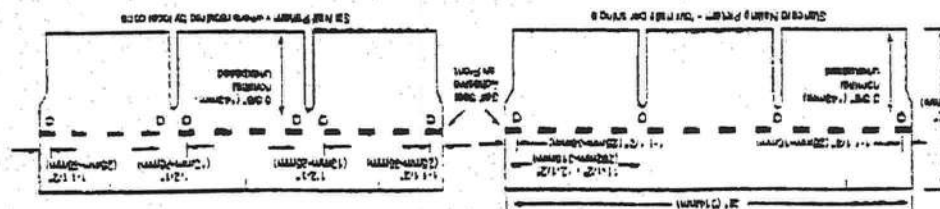
התאחדות המורים והמורות

הנהגות אלו הן חלק מהמאמץ המשותף של הממשלה והמחוקק להגן על הפרטיות של אזרחי ישראל. המאמץ הזה הוא חלק מהמאמץ המשותף של הממשלה והמחוקק להגן על הפרטיות של אזרחי ישראל.



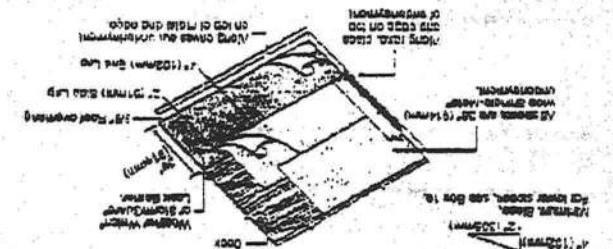
השם של המדינה הוא "מדינת ישראל" והשם של העיר הוא "ירושלים".

APPLICATION INSTRUCTIONS

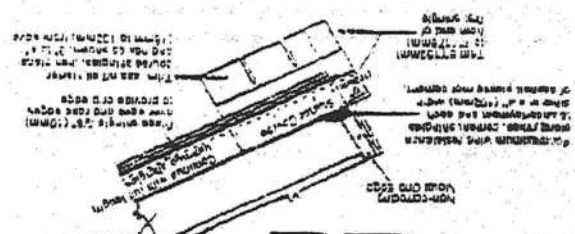


GENERAL INSTRUCTIONS

- [illegible]

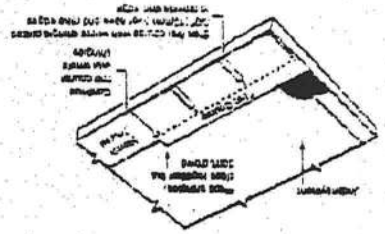
Underlayment Standard Slope 4:12 (33mm/m) or more
Application of underlayment: Cover deck with one layer of underlayment; install[illegible]

Use of any GAF MC 2-cub Shingle is recommended. Apply as shown.

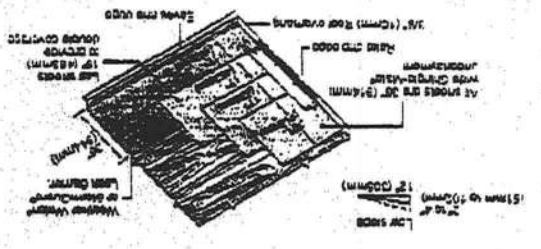
[illegible]

3 FILE CONTAINS LIST AND CONTINUES

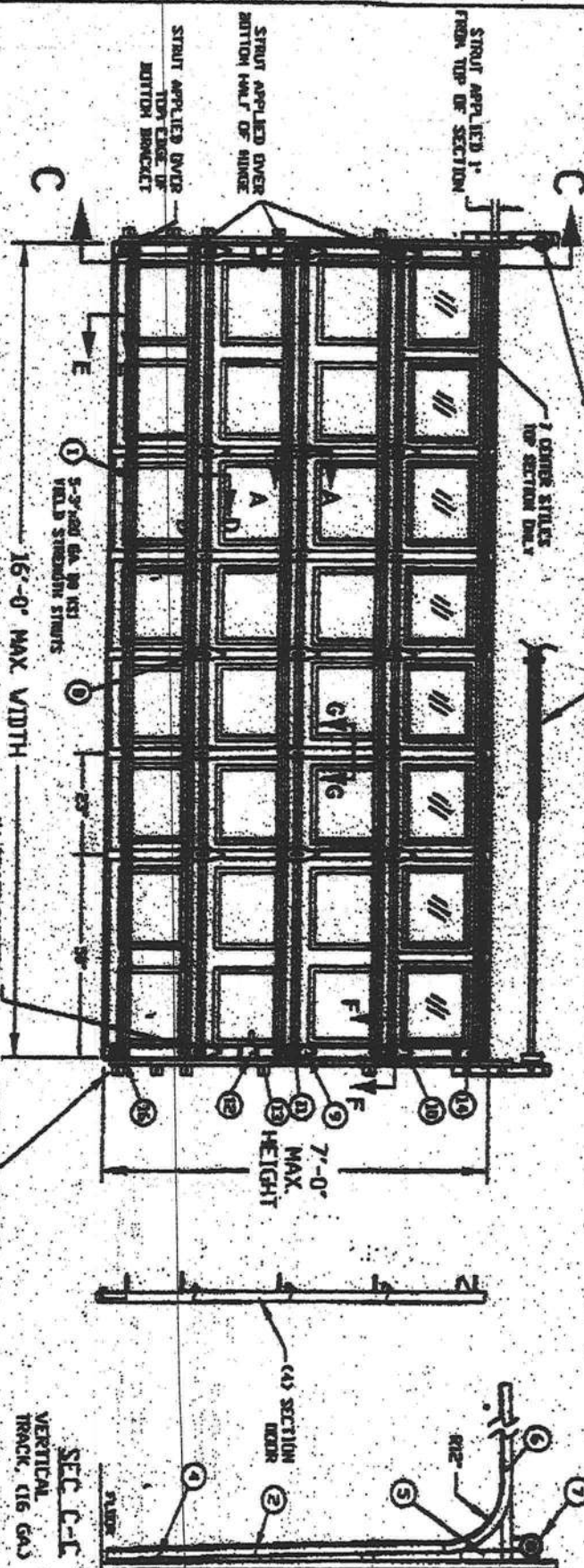
and from 1910 to 1912 the color of the food was not by shining straight up the food from the products can cause an incorrect color and may damage the canning.



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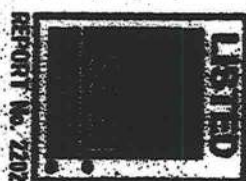
[illegible]

- [illegible]



1. TESTED TO POSITIVE AND NEGATIVE CO PTB RESULTS
 2. AND/OR POSITIVE AND NEGATIVE 3A PBT TEST RESULTS
FOR AENR E-339
 3. SECTION REMAINS IN TOP AND BOTTOM ARE AVAILABLE AND MAY BE USED FOR ANY COMPARISON TO ARCHIVE VERIFIED END HISTORY.
 4. WARNINGS MAY BE POSTALIZED BY THE TOP SECTION, AS TESTED WITH L&P AND CLASS BE DOWNGRADED OR BY THE SECTION PRESIDENTIALLY SOLO BY THE SECTION.
- A
1. MEASURED LENGTH OF HALLWAY SHALL BE 6' OR AN INTEGER
 2. THE STOPS PLACED ON EACH MUST BE CONSISTENT WITH THE OTHER SECTION.
 3. FLOORING SECTIONS AT ALL LOCATIONS WITHIN EACH SPACE.
 4. QUALITY OF SIGN LABELS CAN BE 6' OR 6' AS REQUIRED.
 5. ISSUES BY TYPE OR LOCATION IS CRITICAL.

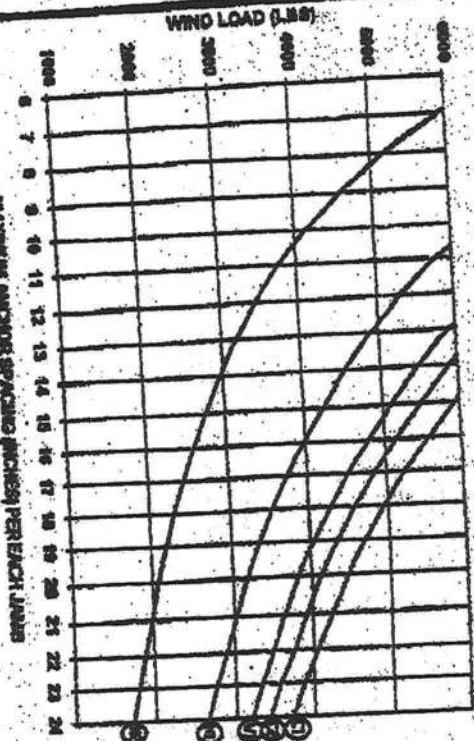
The seal on this drawing only certifies that the product is as described and illustrated on the accompanying drawings and is not to be construed as a warranty of fitness for any particular purpose.



| COLUMBIAS | | | | | | |
|------------------------------|-----------------------------|------------------------------|-------------------------|-----------------------|-------|--|
| SERIES 7400, EXTENSION STEEL | -0.17 MIN G&S | TESTED | | | | |
| SERIES 7465, EXTENSION STEEL | -0.075 MIN | A | | | | |
| SERIES 7529, EXTENSION STEEL | -0.24 MIN | A | | | | |
| TESTED WITH WELDERS | | | | | | |
| HOLLOW
SECTION
WIDTH | HOLLOW
SECTION
HEIGHT | TYPICAL
FLANGE
SPACING | STAYS
NO. PER
ROW | VERTICAL
THICKNESS | | |
| 16" | 7' | 23" | 3" | 5 | 2 IN. | |

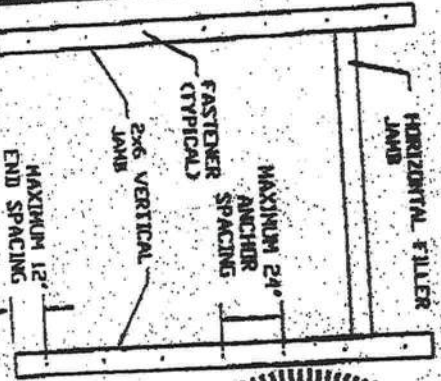
| | |
|---|---------------------------------------|
| DESIGN LOAD +200 PSF & -200 PSF
TEST LOAD +300 PSF & -300 PSF | |
| 
GENERAL AMERICAN IRON COMPANY
3020 BASELINE ROAD
MONTGOMERY, IL 60538 | |
| ORDER NO.
100-10-00-10
ORDERED BY | DRAWING NO. & VERSION
(A) 11-01-20 |
| REVISIONS
NO. & P. NO. RAISED PANEL, STEEL, DOOR - 4" MINIMUM 320 PSF | DATE
11-01-20 |
| DRAWN BY
11-01-20 | CHECKED BY
11-01-20 |
| SCALE
1" = 1' 0" | SHEET NO.
1 OF 2 |

WIND LOAD VS ANCHOR SPACING



DESIGN Q.LBS X GARAGE DOOR AREA WIDTH-FIT X HEIGHT-FIT = WIND LOAD Q.LBS
LOAD FTE

- EXAMPLE**
30 LBS X 16 FT WIDE X 8 FT HIGH = 3840 LBS
- ① USE 2\"/>



2x6 JAMB TO SUPPORTING STRUCTURE ATTACHMENT

2x6 PRESSURE TREATED GRADE #2 OR BETTER SOUTHERN PINE JAMB SHALL BE ANCHORED TO BUILDING LIFT FRAME, GROUTED AND REINFORCED CONCRETE MASONRY UNIT (CMU) WALLS OR COLUMNS, OR REINFORCED CONCRETE COLUMNS.

NOTES

- 1) ALL HOOR OPENING SURROUNDING STRUCTURE TO BE DESIGNED BY REGISTERED ENGINEER OR ARCHITECT WITH THE CONSIDERATION GIVEN TO INSTALLATION USING CENTER HARBORCRAFT POSTS.
- 2) ALL HOOR OPENING STRUCTURE AND FASTENERS TO COMPLY WITH ALL APPLICABLE CODES INCLUDING SOCA STANDARD FOR HARBORCRAFT RESIDENTIAL CONSTRUCTION STD 10, CURRENT EDITION.
- 3) ALL FASTENERS TO BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS, INSTRUCTIONS AND RECOMMENDATIONS.
- 4) WIND PLATE, BOLTED STUDS AT EACH SIDE OF HOOR OPENING SHALL BE PROPERLY DESIGNED, CONNECTED, ANCHORED AND SHALL CONSIST OF A MINIMUM OF THREE (3) LAMINATIONS OF 2x6 PRESSURE TREATED SOUTHERN PINE ONE GRADE OR BETTER WALL STUDS CONTINUOUS FROM FINISHING TO FINISH TOP PLATE.
- 5) REINFORCED CONCRETE 2x6 WOOD JAMB SHALL BE ANCHORED TO SILENTLY GROUTED AND REINFORCED CONCRETE MASONRY UNIT (CMU) WALLS OR COLUMNS, OR REINFORCED CONCRETE COLUMNS. ANCHOR SPACING AND EMBEDMENT IS BASED ON CONCRETE MASONRY UNIT'S COMPLYING WITH ASTM C90 WITH A MINIMUM NET AREA COMPRESSIVE STRENGTH OF 2500 PSI GROUT WITH A MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI REINFORCED CONCRETE COLUMNS WITH A MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI.
- 6) EMBEDMENTS LISTED ARE THE MINIMUM ALLOWABLE EMBEDMENTS.
- 7) ANCHORS FOR CONCRETE AND CONCRETE MASONRY UNITS (CMU) SHALL HAVE A MINIMUM 3\"/>



| | |
|--|------------------|
| GENERAL AMERICAN DOOR COMPANY | |
| 2000 N. HARBORCRAFT RD.
HARBORCRAFT, IL 60528 | |
| DATE: 3/8/2004 | REVISED BY: J.V. |
| JAMB TO STRUCTURE ATTACHMENT
FOR WIND LOADED GARAGE DOORS | |
| DATE: 3/8/2004 | REVISED BY: J.V. |

COLUMBIA COUNTY BUILDING DEPARTMENT

RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR

FLORIDA BUILDING CODE 2001

ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

EFFECTIVE MARCH 1, 2002

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

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

INTERSTATE 75.

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

APPLICANT - PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

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

- Applicant ☐ Plans Examiner ☐
- All drawings must be clear, concise and drawn to scale ("Optional" details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans.
 - Designers name and signature on document (FBC 104.2.1). If licensed architect or engineer, official seal shall be affixed.

Site Plan including:

- a) Dimensions of lot
- b) Dimensions of building set backs
- c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements.

- d) Provide a full legal description of property.

- a) Wind-Load Engineering Summary, calculations and any details required
- a) Plans or specifications must state compliance with FBC Section 1606
- b) The following information must be shown as per section 1606.1.7 FBC

- a. Basic wind speed (MPH)
- b. Wind importance factor (I) and building category
- c. Wind exposure - if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated
- d. The applicable internal pressure coefficient
- e. Components and Cladding. The design wind pressure in terms of psf (KN/m^2), to be used for the design of exterior component and cladding materials not specially designed by the registered design professional

Elevations including:

- a) All sides
- b) Roof pitch
- c) Overhang dimensions and detail with attic ventilation
- d) Location, size and height above roof of chimneys
- e) Location and size of skylights
- f) Building height
- e) Number of stories

Wooten

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

See Note 1

1. All materials making up wall
2. Size and species of studs
3. Sheathing size, type and nailing schedule
4. Headers sized
5. Gable end showing balloon framing detail or gable truss and wall hinge bracing detail
6. All required fasteners for continuous tie from roof to foundation (truss anchors, straps, anchor bolts and washers)
7. Roof assembly shown here or on roof system detail (FBC104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
8. Fire resistant construction (if applicable)
9. Fireproofing requirements
10. Show type of termite treatment (termicide or alternative method)
11. Slab on grade
- a. Vapor 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)
- HVAC Information
- a) Manual J sizing equipment or equivalent computation
- b) Exhaust fans in bathroom
- Energy Calculations (dimensions shall match plans)
- Gas System Type (LP or Natural) Location and BTU demand of equipment
- Disclosure Statement for Owner Builders
- Notice Of Commencement
- Private Potable Water
- a) Size of pump motor
- b) Size of pressure tank
- c) Cycle stop valve if used

TIN: WEEGHE
**Columbia County Building Department
Culvert Waiver**

**Culvert Waiver No.
000000842**

DATE: 10/12/2005

BUILDING PERMIT NO. 23707

APPLICANT MELANIE RODER

PHONE 752.2281

ADDRESS 387 SW KEMP CT

LAKE CITY

FL 32024

OWNER KEITH & CATHY WOOLEY

PHONE 755.1492

ADDRESS 2012 SW OLD BELLAMY ROAD

FT. WHITE

FL 32038

CONTRACTOR MATTHEW ERKINGER, SR.

PHONE 754.5555

LOCATION OF PROPERTY 441-S TO C-131-S CROSS C-18 TO STOP SIGN, TL ON OLD BELLAMY, GO 1 MILE
TURN R ONTO PROPERTY, FOLLOW DRIVE TO SITE.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT _____

PARCEL ID # 05-7S-17-09902-000

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: *Melanie Roder*

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: *Randy Little*

DATE: 10/27/05

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

COLUMBIA COUNTY

OCT 13 2005

PUBLIC WORKS DEPT.

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





Permit # 23707

Phone (386) 755-3611

Fax (386) 752-5381

Notice of Intent for Preventative Treatment for Termites

(As required by Florida Building Code (FBC) 104.2.6)

Aspen Pest Control, Inc.

(386) 755-3611

State License # - JB109476

State Certification # - JF104376

Phillip /Cathy Woodley - 2012 SW Old Bethany Rd. FT. White, FL 32038

Address of Treatment or Lot/Block of Treatment

Bora-Care Wood Treatment - 23% Disodium Octaborate Tetrahydrate

Method of Termite Prevention Treatment - Soil Barrier, Wood Treatment, Bait System, Other

Application onto Structural Wood

Description of Treatment

The above named structure will receive a complete treatment for the prevention of subterranean termites at the dried-in stage of construction. Treatment is done in accordance with the rules and laws established by the Florida Department of Agriculture and Consumer Services and according to EPA registered label directions as stated in Florida Building Code Section 1861.1.8.

A handwritten signature in cursive script that reads "Susie Garry".
Authorized Signature9-12-05
DateCommercial - Residential
301 NW Cole Terrace / Lake City, Florida 32055

CERTIFICATE OF OCCUPANCY

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 05-7S-17-09902-000

Building permit No. 000023707

Use Classification SFD/UTILITY

Fire: 41.30

Permit Holder MATTHEW ERKINGER

Waste: 61.25

Owner of Building KEITH & CATHY WOOLEY

Total: 102.55

Location: 2012 SW OLD BELLAMY RD

Date: 05/03/2006

Harry Dickel

Building Inspector



POST IN A CONSPICUOUS PLACE
(Business Places Only)