

DATE 10/25/2005

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000023776

APPLICANT MICHAEL JENKINS PHONE 719-2240
ADDRESS 694 SW MAIN BLVD LAKE CITY FL 32025
OWNER GREGORY PARKER & MARY THOMAS PHONE 305-586-3972
ADDRESS 122 SW BELLADONNA DR LAKE CITY FL 32024
CONTRACTOR JENKINS CONTRACTING, LLC PHONE 719-2240
LOCATION OF PROPERTY 47 S, L WESTER RD, L DANDELION WAY, 1ST ON THE LEFT

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 135800.00
HEATED FLOOR AREA 2716.00 TOTAL AREA 3752.00 HEIGHT 22.40 STORIES 1
FOUNDATION CONCRETE WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB
LAND USE & ZONING RSF-1 MAX. HEIGHT 35
Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00
NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 30-4S-17-08898-101 SUBDIVISION WESTER WOODS
LOT 1 BLOCK PHASE 1 UNIT TOTAL ACRES 1.00

000000868 CGC1507486
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
PERMIT 05-1075-N BK JH Y
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: NOC ON FILE, FLOOR 1 FOOT ABOVE THE ROAD
ALTERNATIVE TERMITE TREATMENT RECIEVED

Check # or Cash 1378

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

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

BUILDING PERMIT FEE \$ 680.00 CERTIFICATION FEE \$ 18.76 SURCHARGE FEE \$ 18.76
MISC. FEES \$.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$.00 WASTE FEE \$
FLOOD DEVELOPMENT FEE \$ FLOOD ZONE FEE \$ 25.00 CULVERT FEE \$ 25.00 TOTAL FEE 817.52

INSPECTORS OFFICE CLERKS OFFICE

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

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

This Permit Must Be Prominently Posted on Premises During Construction

PLEASE NOTIFY THE COLUMBIA COUNTY BUILDING DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF EACH INSPECTION, IN ORDER THAT IT MAY BE MADE WITHOUT DELAY OR 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

ok# 1378

For Office Use Only Application # 0510-60 Date Received 10/19/05 By LH Permit # 868/23770
 Application Approved by - Zoning Official BLK Date 25.10.05 Plans Examiner OK JTH Date 20-25-05
 Flood Zone X Development Permit N/A Zoning RSF-1 Land Use Plan Map Category RES. Low Dens.
 Comments See ATTACHED PLAT

Applicants Name MICHAEL JENNINS Phone 386 719-2240
 Address 694 SW MAIN BLVD, LAKE CITY, FL 32025
 Owners Name GREGORY PARKER AND MARY THOMAS Phone 305-586 3972
 911 Address 122 SW BELLADONNA DR LAKE CITY, FL 32024
 Contractors Name JENKINS CONTRACTING LLC Phone 386 719 2240
 Address 694 SW MAIN BLVD, LAKE CITY, FL 32025
 Fee Simple Owner Name & Address SAME AS ABOVE
 Bonding Co. Name & Address N/A
 Architect/Engineer Name & Address MARK DISOSWAY, PE, PO BOX 868, LAKE CITY, FL 32056
 Mortgage Lenders Name & Address FFSB, PO BOX 2029, LAKE CITY, FL 32056
 Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
 Property ID Number 30-45-17-08898-101 Estimated Cost of Construction 135,800.00
 Subdivision Name WESTER WOODS Lot 1 Block - Unit - Phase 1
 Driving Directions SR 47 SOUTH TO WESTER ROAD, EAST ON WESTER ROAD TO SW DANDELION WAY, LEFT ON DANDELION HOUSE IS 1 1/2 LOT ON LEFT

Type of Construction SINGLE FAMILY DWELLING Number of Existing Dwellings on Property ZERO
 Total Acreage 1 Lot Size 43,560 Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive
 Actual Distance of Structure from Property Lines - Front 50 Side 40 Side 40 Rear 80
 Total Building Height 22'4" Number of Stories 1 Heated Floor Area 2716 Roof Pitch 6/12
Porches 386 Garage 668 TOTAL AREA 3752

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.

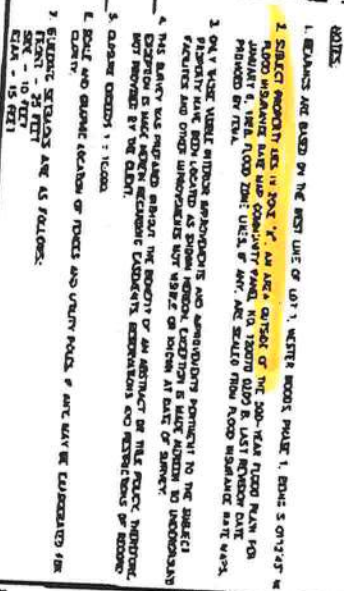
[Signature]
 Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
 COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
 this 19th day of OCTOBER 20 05.
 Personally known ✓ or Produced Identification _____

[Signature]
 Contractor Signature
 Contractors License Number C6C1507486
 Competency Card Number _____
 NOTARY STAMP/SEAL

[Signature]
 Notary Signature M. L. Church
 Commission # DD425257
 Expires May 3, 2009
 Bonded Troy Fain - Insurance, Inc. 800-385-7019



SEP 06 2005

LOT 1, WESTER WOODS, PHASE 1
COLUMBIA COUNTY, FLORIDA

LOT 1, WESTER WOODS, PHASE 1, A SUBDIVISION AS RECORDED IN PLAT BOOK 7, PAGES 36 & 37 OF THE PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA

☐ 1. AC - POINT OF DEMAND
☐ 2. MC - POINT OF MARGINAL
☐ 3. AVC - POINT OF AVERAGE
☐ 4. ATC - POINT OF AVERAGE
☐ 5. PRICE - POINT OF REVENUE
☐ 6. PROFIT - POINT OF PROFIT
☐ 7. LOSS - POINT OF LOSS
☐ 8. SHUT-DOWN - POINT OF SHUT-DOWN
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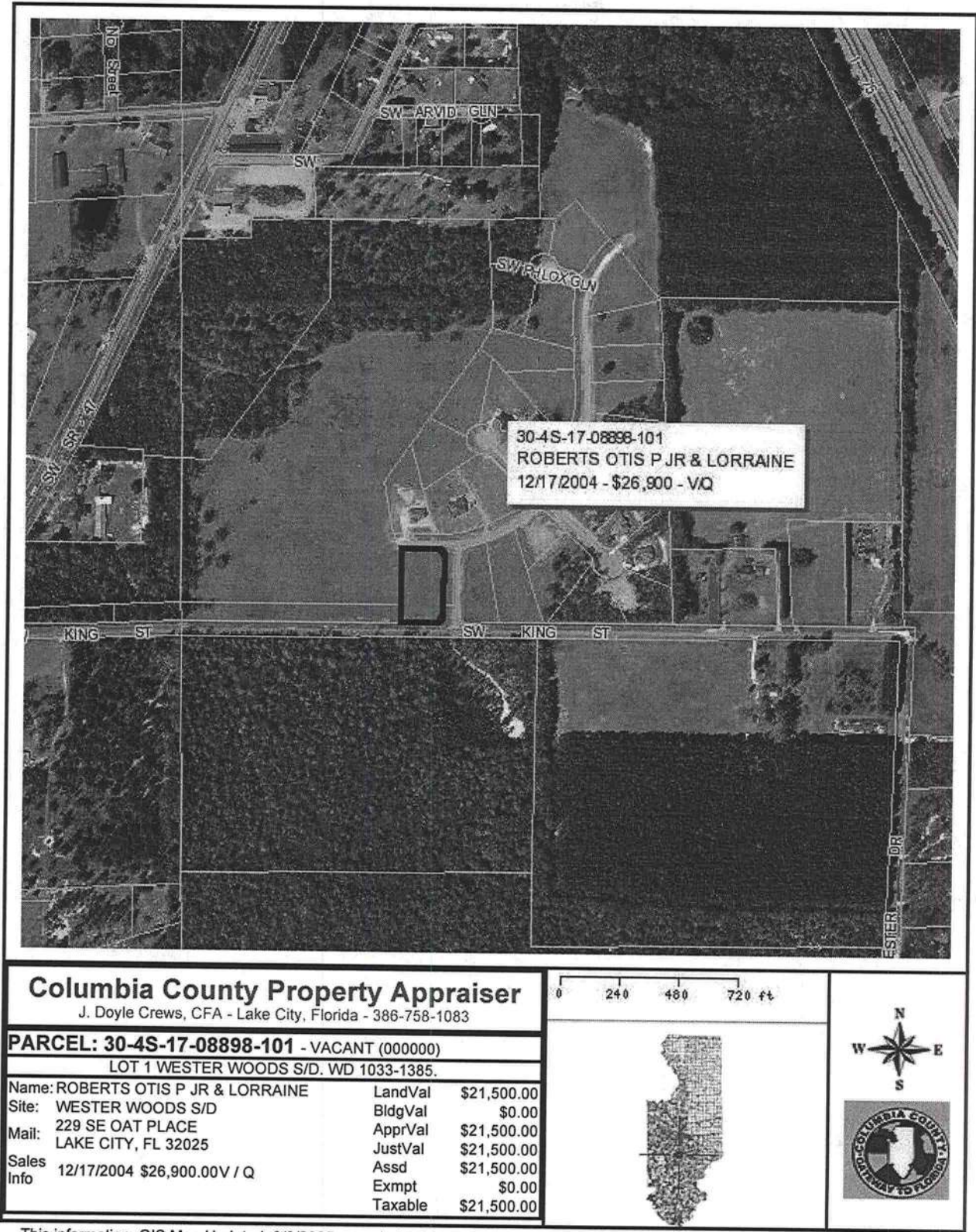


2-11-73
NOT ON FILE - BUREAU

Approved. Lot 1 - W. Wood.
9/6/05 J.D.

B Bailey Bishop & Lane, Inc.
P.O. Box 3717
Lake City, FL 32056
Ph. 386-752-5640
FAX: 386-752-7302

P.O. Box 816
Pvt. St. 100, FL 32457
Ph. 850-217-9449
Toll Free 1-8-000-6643



THIS INSTRUMENT WAS PREPARED BY:

TERRY McDAVID 05-765
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

RETURN TO:

TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

Property Appraiser's
Identification Number R08898-101

05-004-A
RECEIVED

OCT 14 2005

Jenkins Contracting LLC
Lake City

WARRANTY DEED

This Warranty Deed, made this 23rd day of September, 2005, BETWEEN OTIS P. ROBERTS, JR. and LORRAINE ROBERTS, Husband and Wife whose post office address is 229 SE Oat Place, Lake City, FL 32025, of the County of Columbia, State of Florida, grantor*, and GREGORY L. PARKER and MARY W. THOMAS, as joint tenants with full rights of survivorship, whose post office address is 15120 Monroe Street, Miami, FL 33176, of the State of Florida, grantee*.

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

Witnesseth: that said grantor, for and in consideration of the sum of Ten Dollars (\$10.00), and other good and valuable considerations to said grantor in hand paid by said grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said grantee, and grantee's heirs and assigns forever, the following described land, situate, lying and being in Columbia County, Florida, to-wit:

Lot 1, WESTER WOODS, a subdivision according to the plat thereof as recorded in Plat Book 7, Pages 36 and 37 of the public records of Columbia County, Florida.

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 subject to taxes for the current year and later years and all valid easements and restrictions of record, if any, which are not hereby reimposed; and also subject to any claim, right, title or interest arising from any recorded instrument reserving, conveying, leasing, or otherwise alienating any interest in the oil, gas and other minerals. And grantor does warrant the title to said land and will defend the same against the lawful claims of all persons whomsoever, subject only to the exceptions set forth herein.

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

Signed, sealed and delivered
in our presence:


(Signature of First Witness)
Terry McDavid
(Typed Name of First Witness)


(Signature of Second Witness)
Crystal L. Brunner
(Typed Name of Second Witness)


Grantor (SEAL)
OTIS P. ROBERTS, JR.
Printed Name


Grantor (SEAL)
LORRAINE ROBERTS
Printed Name

STATE OF Florida
COUNTY OF Columbia

The foregoing instrument was acknowledged before me this 23rd
day of September, 2005, by OTIS P. ROBERTS, JR. and LORRAINE
ROBERTS, Husband and Wife who are personally known to me or who
have produced _____ as identification and who did not
take an oath.

My Commission Expires:


Notary Public
Printed, typed, or stamped name:



RECEIVED

OCT 14 2005

Jenkins Contracting LLC
Lake City

TOTAL P.02

COLUMBIA COUNTY 9-1-1 ADDRESSING

263 NW Lake City Ave. * P. O. Box 1787 * Lake City, FL 32056-2949
PHONE: (386) 752-1125 * FAX: (386) 758-1365 * Email: ron_croft@columbiacountyfla.com

Addressing Maintenance

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

DATE ISSUED: May 12, 2005

ENHANCED 9-1-1 ADDRESS:

122 SW BELLADONNA DR (LAKE CITY, FL 32024)

Addressed Location 911 Phone Number: NOT AVAIL.

OCCUPANT NAME: NOT AVAIL.

OCCUPANT CURRENT MAILING ADDRESS: _____

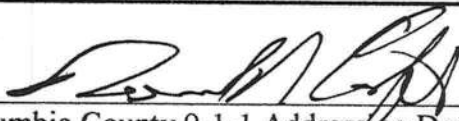
PROPERTY APPRAISER MAP SHEET NUMBER: 99B

PROPERTY APPRAISER PARCEL NUMBER: 30-4S-17-08898-101

Other Contact Phone Number (If any): _____

Building Permit Number (If known): _____

Remarks: LOT 1, WESTER WOODS S/D

Address Issued By: 
Columbia County 9-1-1 Addressing Department

COLUMBIA COUNTY
9-1-1 ADDRESSING
APPROVED

THIS INSTRUMENT WAS PREPARED BY:
FIRST FEDERAL SAVINGS BANK OF FLORIDA
4705 WEST U.S. HIGHWAY 90
P.O. BOX 2029
LAKE CITY, FLORIDA 32056

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

PERMIT NO. _____

TAX FOLIO NO. _____

Date 9/27/05

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF Columbia

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

1. Description of property: Lot 1, WESTER WOODS, a subdivision according to the plat thereof as recorded in Plat Book 7, Pages 36 and 37, public records of Columbia County, Florida.
2. General description of improvement: Construction of Dwelling
3. Owner information:
 - a. Name and address: GREGORY L. PARKER and MARY W. THOMAS
15120 Monroe Street, Miami, FL 33176
 - b. Interest in property: Fee Simple
 - c. Name and address of fee simple title holder (if other than Owner): NONE
4. Contractor (name and address): JENKINS CONTRACTING, LLC
9016 SW CR 240, Lake City, FL 32024
5. Surety:
 - a. Name and address: _____
 - b. Amount of bond: _____

6. Lender: **FIRST FEDERAL SAVINGS BANK OF FLORIDA**
4705 WEST U.S. HIGHWAY 90
P. O. BOX 2029
LAKE CITY, FLORIDA 32056

RECEIVED

SEP 30 2005

Jenkins Contracting LLC
Lake City

7. Persons within the State of Florida designated by Owner upon whom notices or other document may be served as provided by Section 713.13 (1) (a) 7., Florida Statutes: NONE
8. In addition to himself, Owner designates PAULA HACKER of FIRST FEDERAL SAVINGS BANK OF FLORIDA, 4705 West U.S. Highway 90 / P. O. Box 2029, Lake City, Florida 32056 to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) (b), Florida Statutes.
9. Expiration date of notice of commencement (the expiration date is 1 year from the date of recording unless a different date is specified).

[Signature]
Borrower Name

Mary W. Thomas
Co-Borrower Name

The foregoing instrument was acknowledged before me this 23 day of September, 2005, by GREGORY L. PARKER & MARY W. THOMAS, who is personally known to me or who has produced driver's license for identification.



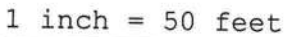
[Signature]
Notary Public

My Commission Expires:

Permit Application Number:

05-1075N

JENKINS/CR 04-2828



Notes: _____

FLORIDA ENERGY EFFICIENCY CODE
FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name:	506213TomasParker	Builder:	
Address:	Westerwoods	Permitting Office:	
City, State:	LakeCity, FL 32024-	Permit Number:	
Owner:	TomasParker	Jurisdiction Number:	
Climate Zone:	Central		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 61.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 10.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	Yes	c. N/A	
6. Conditioned floor area (ft²)	2716 ft²		
7. Glass area & type	Single Pane Double Pane	13. Heating systems	
a. Clear glass, default U-factor	0.0 ft² 303.0 ft²	a. Electric Heat Pump	Cap: 61.0 kBtu/hr
b. Default tint, default U-factor	0.0 ft² 0.0 ft²		HSPF: 7.20
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, 253.0(p) ft		
b. N/A		14. Hot water systems	
c. N/A		a. Electric Resistance	Cap: 40.0 gallons
9. Wall types			EF: 0.89
a. Frame, Wood, Exterior	R=13.0, 2192.0 ft²	b. N/A	
b. Frame, Wood, Adjacent	R=13.0, 200.0 ft²	c. Conservation credits	
c. N/A		(HR-Heat recovery, Solar	
d. N/A		DHP-Dedicated heat pump)	
e. N/A		15. HVAC credits	
10. Ceiling types		(CF-Ceiling fan, CV-Cross ventilation,	
a. Under Attic	R=30.0, 2959.0 ft²	HF-Whole house fan,	
b. N/A		PT-Programmable Thermostat,	
c. N/A		MZ-C-Multizone cooling,	
11. Ducts		MZ-H-Multizone heating)	
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 148.0 ft		
b. N/A			

Glass/Floor Area: 0.11	Total as-built points: 32843	PASS
	Total base points: 35985	

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

PREPARED BY: Ben Sparks

DATE: 10-6-09

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

OWNER/AGENT:

DATE:

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

BUILDING OFFICIAL:

DATE:



SUMMER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: Westerwoods, LakeCity, FL, 32024-

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned X BSPM = Points Floor Area											
				Type/SC	Overhang Ornt Len Hgt			Area X SPM X SOF = Points			
.18	2716.0	25.78	12603.3	Double, Clear	NW	1.5	2.0	8.0	35.45	0.70	197.7
				Double, Clear	NW	9.7	7.0	36.0	35.45	0.60	765.1
				Double, Clear	NW	9.7	10.0	20.0	35.45	0.65	463.0
				Double, Clear	NW	9.7	4.0	9.0	35.45	0.54	173.6
				Double, Clear	NW	1.5	7.0	18.0	35.45	0.95	603.2
				Double, Clear	NE	1.5	7.0	18.0	40.99	0.94	696.5
				Double, Clear	NE	1.5	7.0	44.0	40.99	0.94	1702.5
				Double, Clear	NW	1.5	2.0	4.0	35.45	0.70	98.9
				Double, Clear	SE	1.5	7.0	36.0	53.20	0.92	1769.0
				Double, Clear	S	1.5	7.0	27.0	41.92	0.90	1021.5
				Double, Clear	E	1.5	7.0	27.0	55.69	0.94	1414.5
				Double, Clear	SE	4.3	10.0	20.0	53.20	0.73	775.1
				Double, Clear	SW	1.5	7.0	36.0	49.60	0.92	1651.2
								As-Built Total: 303.0 11331.7			
WALL TYPES Area X BSPM = Points				Type R-Value Area X SPM = Points							
Adjacent	200.0	0.70	140.0	Frame, Wood, Exterior	13.0	2192.0	1.70	3726.4			
Exterior	2192.0	1.90	4164.8	Frame, Wood, Adjacent	13.0	200.0	0.60	120.0			
Base Total: 2392.0 4304.8				As-Built Total: 2392.0 3846.4							
DOOR TYPES Area X BSPM = Points				Type Area X SPM = Points							
Adjacent	20.0	1.60	32.0	Exterior Insulated		40.0	4.80	192.0			
Exterior	60.0	4.80	288.0	Exterior Insulated		20.0	4.80	96.0			
				Adjacent Insulated		20.0	1.60	32.0			
Base Total: 80.0 320.0				As-Built Total: 80.0 320.0							
CEILING TYPES Area X BSPM = Points				Type R-Value Area X SPM X SCM = Points							
Under Attic	2716.0	2.13	5785.1	Under Attic	30.0	2959.0	2.13 X 1.00	6302.7			
Base Total: 2716.0 5785.1				As-Built Total: 2959.0 6302.7							
FLOOR TYPES Area X BSPM = Points				Type R-Value Area X SPM = Points							
Slab	253.0(p)	-31.8	-8045.4	Slab-On-Grade Edge Insulation	0.0	253.0(p)	-31.90	-8070.7			
Raised	0.0	0.00	0.0								
Base Total: -8045.4				As-Built Total: 253.0 -8070.7							

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Westerwoods, LakeCity, FL, 32024-

PERMIT #:

BASE				AS-BUILT					
INFILTRATION Area X BSPM = Points				Area X SPM = Points					
2716.0 14.31 38866.0				2716.0 14.31 38866.0					
Summer Base Points: 53833.8				Summer As-Built Points: 52596.1					
Total Summer X System = Cooling Points Multiplier Points				Total X Cap X Duct X System X Credit = Cooling Component Ratio Multiplier Multiplier Multiplier Points (DM x DSM x AHU)					
53833.8 0.4266 22965.5				52596.1 1.000 (1.087 x 1.150 x 0.90) 0.341 1.000 20178.0 52596.1 1.00 1.125 0.341 1.000 20178.0					

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Westerwoods, LakeCity, FL, 32024-

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	2716.0	5.86	2864.8	Double, Clear	NW	1.5	2.0	8.0	10.91	0.99	86.7
				Double, Clear	NW	9.7	7.0	36.0	10.91	0.99	389.1
				Double, Clear	NW	9.7	10.0	20.0	10.91	0.99	216.5
				Double, Clear	NW	9.7	4.0	9.0	10.91	0.99	97.1
				Double, Clear	NW	1.5	7.0	18.0	10.91	1.00	195.9
				Double, Clear	NE	1.5	7.0	18.0	10.70	1.00	192.7
				Double, Clear	NE	1.5	7.0	44.0	10.70	1.00	471.0
				Double, Clear	NW	1.5	2.0	4.0	10.91	0.99	43.4
				Double, Clear	SE	1.5	7.0	36.0	7.31	1.04	273.0
				Double, Clear	S	1.5	7.0	27.0	6.74	1.03	187.6
				Double, Clear	E	1.5	7.0	27.0	8.82	1.01	241.6
				Double, Clear	SE	4.3	10.0	20.0	7.31	1.15	167.4
				Double, Clear	SW	1.5	7.0	36.0	8.12	1.02	298.8
				As-Built Total: 303.0 2860.7							
WALL TYPES Area X BWPM = Points				Type R-Value Area X WPM = Points							
Adjacent	200.0	1.80	360.0	Frame, Wood, Exterior			13.0	2192.0	1.80		3945.6
Exterior	2192.0	2.00	4384.0	Frame, Wood, Adjacent			13.0	200.0	1.60		320.0
Base Total: 2392.0 4744.0				As-Built Total: 2392.0 4265.6							
DOOR TYPES Area X BWPM = Points				Type Area X WPM = Points							
Adjacent	20.0	4.00	80.0	Exterior Insulated				40.0	5.10		204.0
Exterior	60.0	5.10	306.0	Exterior Insulated				20.0	5.10		102.0
				Adjacent Insulated				20.0	4.00		80.0
Base Total: 80.0 386.0				As-Built Total: 80.0 386.0							
CEILING TYPES Area X BWPM = Points				Type R-Value Area X WPM X WCM = Points							
Under Attic	2716.0	0.64	1738.2	Under Attic			30.0	2959.0	0.64 X 1.00		1893.8
Base Total: 2716.0 1738.2				As-Built Total: 2959.0 1893.8							
FLOOR TYPES Area X BWPM = Points				Type R-Value Area X WPM = Points							
Slab	253.0(p)	-1.9	-480.7	Slab-On-Grade Edge Insulation			0.0	253.0(p)	2.50		632.5
Raised	0.0	0.00	0.0								
Base Total: -480.7				As-Built Total: 253.0 632.5							

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Westermwoods, LakeCity, FL, 32024-

PERMIT #:

BASE				AS-BUILT					
INFILTRATION Area X BWPM = Points				Area X WPM = Points					
2716.0 -0.28 -760.5				2716.0 -0.28 -760.5					
Winter Base Points: 8491.9				Winter As-Built Points: 9278.1					
Total Winter X System = Heating Points Multiplier Points				Total X Cap X Duct X System X Credit = Heating Component Ratio Multiplier Multiplier Multiplier Points (DM x DSM x AHU)					
8491.9 0.6274 5327.8				9278.1 1.000 (1.078 x 1.160 x 0.92) 0.474 1.000 5059.7 9278.1 1.00 1.150 0.474 1.000 5059.7					

Residential Whole Building Performance Method A - Details

PERMIT #:

CODE COMPLIANCE STATUS													
BASE							AS-BUILT						
Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points
22965		5328		7692		35985	20178		5060		7606		32843

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Westerwoods, LakeCity, FL, 32024-

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

ENERGY PERFORMANCE LEVEL (EPL)
DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 84.7

The higher the score, the more efficient the home.

TomasParker, Westerwoods, LakeCity, FL, 32024-

1. New construction or existing New
2. Single family or multi-family Single family
3. Number of units, if multi-family 1
4. Number of Bedrooms 3
5. Is this a worst case? Yes
6. Conditioned floor area (ft²) 2716 ft²
7. Glass area & type Single Pane Double Pane
a. Clear glass, default U-factor 0.0 ft² 303.0 ft²
b. Default tint, default U-factor 0.0 ft² 0.0 ft²
c. Labeled U-factor or SHGC 0.0 ft² 0.0 ft²
8. Floor types
a. Slab-On-Grade Edge Insulation R=0.0, 253.0(p) ft
b. N/A
c. N/A
9. Wall types
a. Frame, Wood, Exterior R=13.0, 2192.0 ft²
b. Frame, Wood, Adjacent R=13.0, 200.0 ft²
c. N/A
d. N/A
e. N/A
10. Ceiling types
a. Under Attic R=30.0, 2959.0 ft²
b. N/A
c. N/A
11. Ducts
a. Sup: Unc. Ret: Unc. AH: Interior Sup. R=6.0, 148.0 ft
b. N/A
12. Cooling systems
a. Central Unit Cap: 61.0 kBtu/hr SEER: 10.00
b. N/A
c. N/A
13. Heating systems
a. Electric Heat Pump Cap: 61.0 kBtu/hr HSPF: 7.20
b. N/A
c. N/A
14. Hot water systems
a. Electric Resistance Cap: 40.0 gallons EF: 0.89
b. N/A
c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)
15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)

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

Builder Signature: Date:

Address of New Home: City/FL Zip:



*NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar™ designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs Energy Gauge (Version: FLR2PB v3.4)

Residential System Sizing Calculation

Summary

TomasParker
Westerwoods
LakeCity, FL 32024-

Project Title:
506213TomasParker

Class 3 Rating
Registration No. 0
Climate: Central

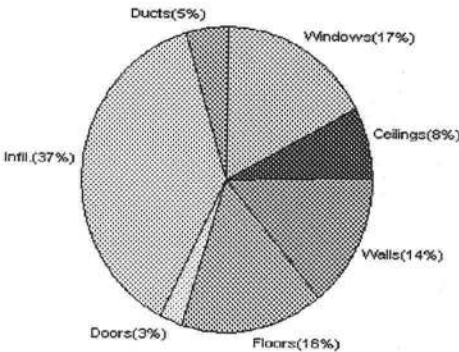
10/6/2005

Location for weather data: Gainesville - Defaults: Latitude(29) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(51gr.)			
Winter design temperature	31 F	Summer design temperature	93 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	39 F	Summer temperature difference	18 F
Total heating load calculation		Total cooling load calculation	51293 Btuh
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	122.3 61000	Sensible (SHR = 0.75)	124.7 45750
Heat Pump + Auxiliary(0.0kW)	122.3 61000	Latent	104.5 15250
		Total (Electric Heat Pump)	118.9 61000

WINTER CALCULATIONS

Winter Heating Load (for 2716 sqft)

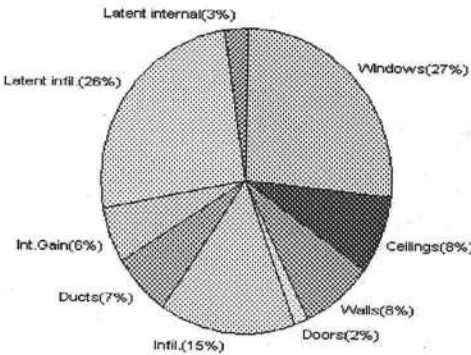
Load component		Load	
Window total	303 sqft	8575	Btuh
Wall total	2392 sqft	7115	Btuh
Door total	80 sqft	1288	Btuh
Ceiling total	2959 sqft	3847	Btuh
Floor total	253 ft	7995	Btuh
Infiltration	435 cfm	18680	Btuh
Subtotal		47499	Btuh
Duct loss		2375	Btuh
TOTAL HEAT LOSS		49874	Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 2716 sqft)

Load component		Load	
Window total	303 sqft	13785	Btuh
Wall total	2392 sqft	4022	Btuh
Door total	80 sqft	811	Btuh
Ceiling total	2959 sqft	4202	Btuh
Floor total		0	Btuh
Infiltration	381 cfm	7544	Btuh
Internal gain		3000	Btuh
Subtotal(sensible)		33364	Btuh
Duct gain		3336	Btuh
Total sensible gain		36700	Btuh
Latent gain(infiltration)		13213	Btuh
Latent gain(internal)		1380	Btuh
Total latent gain		14593	Btuh
TOTAL HEAT GAIN		51293	Btuh



EnergyGauge® System Sizing based on ACCA Manual J.

PREPARED BY: *[Signature]*

DATE: 10-6-05

System Sizing Calculations - Winter

Residential Load - Component Details

TomasParker
Westerwoods
LakeCity, FL 32024-

Project Title:
506213TomasParker

Class 3 Rating
Registration No. 0
Climate: Central

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

10/6/2005

Window	Panes/SHGC/Frame/U	Orientation	Area X	HTM=	Load
1	2, Clear, Metal, DEF	N	8.0	28.3	226 Btuh
2	2, Clear, Metal, DEF	N	36.0	28.3	1019 Btuh
3	2, Clear, Metal, DEF	N	20.0	28.3	566 Btuh
4	2, Clear, Metal, DEF	N	9.0	28.3	255 Btuh
5	2, Clear, Metal, DEF	N	18.0	28.3	509 Btuh
6	2, Clear, Metal, DEF	E	18.0	28.3	509 Btuh
7	2, Clear, Metal, DEF	E	44.0	28.3	1245 Btuh
8	2, Clear, Metal, DEF	N	4.0	28.3	113 Btuh
9	2, Clear, Metal, DEF	S	36.0	28.3	1019 Btuh
10	2, Clear, Metal, DEF	SW	27.0	28.3	764 Btuh
11	2, Clear, Metal, DEF	SE	27.0	28.3	764 Btuh
12	2, Clear, Metal, DEF	S	20.0	28.3	566 Btuh
13	2, Clear, Metal, DEF	W	36.0	28.3	1019 Btuh
Window Total			303		8575 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Exterior	13.0	2192	3.1	6795 Btuh
2	Frame - Adjacent	13.0	200	1.6	320 Btuh
Wall Total			2392		7115 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exter		40	18.3	733 Btuh
2	Insulated - Exter		20	18.3	367 Btuh
3	Insulated - Adjac		20	9.4	188 Btuh
Door Total			80		1288Btuh
Ceilings	Type	R-Value	Area X	HTM=	Load
1	Under Attic	30.0	2959	1.3	3847 Btuh
Ceiling Total			2959		3847Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab-On-Grade Edge Insul	0	253.0 ft(p)	31.6	7995 Btuh
Floor Total			253		7995 Btuh
Infiltration	Type	ACH X	Building Volume	CFM=	Load
	Natural	0.80	32592(sqft)	435	18680 Btuh
	Mechanical			0	0 Btuh
Infiltration Total				435	18680 Btuh

Totals for Heating	Subtotal	47499 Btuh
	Duct Loss(using duct multiplier of 0.05)	2375 Btuh
	Total Btuh Loss	49874 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

TomasParker
Westerwoods
LakeCity, FL 32024-

Project Title:
506213TomasParker

Class 3 Rating
Registration No. 0
Climate: Central

10/6/2005

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(Frame types - metal, wood or insulated metal)
(U - Window U-Factor or 'DEF' for default)
(HTM - ManualJ Heat Transfer Multiplier)
Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)

System Sizing Calculations - Summer

Residential Load - Component Details

TomasParker
Westerwoods
LakeCity, FL 32024-

Project Title:
506213TomasParker

Class 3 Rating
Registration No. 0
Climate: Central

Reference City: Gainesville (Defaults) Summer Temperature Difference: 18.0 F 10/6/2005

Window	Type	Ornt	Overhang		Window Area(sqft)			HTM		Load
	Panes/SHGC/U/InSh/ExSh		Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded	
1	2, Clear, DEF, N, N	N	1.5	2	8.0	0.0	8.0	22	22	176 Btuh
2	2, Clear, DEF, N, N	N	9.66	7	36.0	0.0	36.0	22	22	792 Btuh
3	2, Clear, DEF, N, N	N	9.66	10	20.0	0.0	20.0	22	22	440 Btuh
4	2, Clear, DEF, N, N	N	9.66	4	9.0	0.0	9.0	22	22	198 Btuh
5	2, Clear, DEF, N, N	N	1.5	7	18.0	0.0	18.0	22	22	396 Btuh
6	2, Clear, DEF, N, N	E	1.5	7	18.0	0.7	17.3	22	72	1259 Btuh
7	2, Clear, DEF, N, N	E	1.5	7	44.0	0.9	43.1	22	72	3123 Btuh
8	2, Clear, DEF, N, N	N	1.5	2	4.0	0.0	4.0	22	22	88 Btuh
9	2, Clear, DEF, N, N	S	1.5	7	36.0	12.0	24.0	22	37	1152 Btuh
10	2, Clear, DEF, N, N	SW	1.5	7	27.0	2.3	24.7	22	62	1583 Btuh
11	2, Clear, DEF, N, N	SE	1.5	7	27.0	2.3	24.7	22	62	1583 Btuh
12	2, Clear, DEF, N, N	S	4.33	10	20.0	20.0	0.0	22	37	440 Btuh
13	2, Clear, DEF, N, N	W	1.5	7	36.0	0.7	35.3	22	72	2555 Btuh
Window Total					303					13785 Btuh
Walls	Type		R-Value		Area			HTM		Load
1	Frame - Exterior		13.0		2192.0			1.7		3814 Btuh
2	Frame - Adjacent		13.0		200.0			1.0		208 Btuh
Wall Total					2392.0					4022 Btuh
Doors	Type				Area			HTM		Load
1	Insulated - Exter				40.0			10.1		406 Btuh
2	Insulated - Exter				20.0			10.1		203 Btuh
3	Insulated - Adjac				20.0			10.1		203 Btuh
Door Total					80.0					811 Btuh
Ceilings	Type/Color		R-Value		Area			HTM		Load
1	Under Attic/Dark		30.0		2959.0			1.4		4202 Btuh
Ceiling Total					2959.0					4202 Btuh
Floors	Type		R-Value		Size			HTM		Load
1	Slab-On-Grade Edge Insulation		0.0		253.0 ft(p)			0.0		0 Btuh
Floor Total					253.0					0 Btuh
Infiltration	Type		ACH		Volume			CFM=		Load
	Natural		0.70		32592			381.0		7544 Btuh
	Mechanical							0		0 Btuh
Infiltration Total								381		7544 Btuh
Internal gain			Occupants		Btuh/occupant			Appliance		Load
			6		X 300 +			1200		3000 Btuh

Manual J Summer Calculations

Residential Load - Component Details (continued)

TomasParker
Westerwoods
LakeCity, FL 32024-

Project Title:
506213TomasParker

Class 3 Rating
Registration No. 0
Climate: Central

10/6/2005

Totals for Cooling	Subtotal	33364 Btuh
	Duct gain(using duct multiplier of 0.10)	3336 Btuh
	Total sensible gain	36700 Btuh
	Latent infiltration gain (for 51 gr. humidity difference)	13213 Btuh
	Latent occupant gain (6 people @ 230 Btuh per person)	1380 Btuh
	Latent other gain	0 Btuh
	TOTAL GAIN	51293 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)

RECEIVED

OCT 17 2005

Jenkins Contracting LLC
Lake City

LYNCH WELL DRILLING, INC.

173 SW Tustenuggee Ave
Lake City, FL. 32025
Phone 386-752-6677
Fax 386-752-1477

05-004-F

Westerwood Lot 1

Building Permit # _____

Owner's Name

*Gregory Parker +
Mary Thomas*

Well Depth _____ Ft. Casing Depth _____ Ft. Water Level _____ Ft.

Casing Size 4 inch Steel Pump Installation: Deep Well Submersible

Pump Make Red Jacket Pump Model 150F31120S1 HP 1 1/2

System Pressure (PSI) _____ On 30 Off 50 Average Pressure 40

Pumping System GPM at average pressure and pumping level 20 (GPM)

Tank Installation: Precharged Bladder Make PC244 Model Challenger Size 81

Tank Draw-down per cycle at system pressure 25.1 gallons

I HEREBY VERIFY THAT THIS WATER WELL SYSTEM HAS BEEN
INSTALLED AS PER THE ABOVE INFORMATION.

Linda Newcomb
Signature

2609
License Number

Linda Newcomb
Print Name

10-17-05
Date

COLUMBIA COUNTY BUILDING DEPARTMENT

RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2001 ONE (1) AND TWO (2) FAMILY DWELLINGS ALL REQUIREMENTS ARE SUBJECT TO CHANGE EFFECTIVE MARCH 1, 2002

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

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF INTERSTATE 75.

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

APPLICANT - PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

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

Applicant	Plans Examiner	
☒	☒	All drawings must be clear, concise and drawn to scale ("Optional " details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans.
☒	☒	Designers name and signature on document (FBC 104.2.1). If licensed architect or engineer, official seal shall be affixed.
☒	☒	Site Plan including: a) Dimensions of lot b) Dimensions of building set backs c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements. d) Provide a full legal description of property.
☒	☒	Wind-load Engineering Summary, calculations and any details required a) Plans or specifications must state compliance with FBC Section 1606 b) The following information must be shown as per section 1606.1.7 FBC a. Basic wind speed (MPH) b. Wind importance factor (I) and building category c. Wind exposure - if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated d. The applicable internal pressure coefficient e. Components and Cladding. The design wind pressure in terms of psf (kN/m ²), to be used for the design of exterior component and cladding materials not specifically designed by the registered design professional
☒	☒	Elevations including: a) All sides b) Roof pitch c) Overhang dimensions and detail with attic ventilation d) Location, size and height above roof of chimneys e) Location and size of skylights f) Building height g) Number of stories

Floor Plan including:

- a) Rooms labeled and dimensioned
- b) Shear walls
- c) Windows and doors (including garage doors) showing size, mfg., approval listing and attachment specs. (FBC 1707) and safety glazing where needed (egress windows in bedrooms to be shown)
- d) Fireplaces (gas appliance) (vented or non-vented) or wood burning with hearth
- e) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails
- f) Must show and identify accessibility requirements (accessible bathroom)

Foundation Plan including:

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

Roof System:

- a) Truss package including:
 - 1. Truss layout and truss details signed and sealed by Fl. Pro. Eng.
 - 2. Roof assembly (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
- b) Conventional Framing Layout including:
 - 1. Rafter size, species and spacing
 - 2. Attachment to wall and uplift
 - 3. Ridge beam sized and valley framing and support details
 - 4. Roof assembly (FBC 104.2.1 Roofing systems, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

Wall Sections including:

- a) Masonry wall
 - 1. All materials making up wall
 - 2. Block size and mortar type with size and spacing of reinforcement
 - 3. Lintel, tie-beam sizes and reinforcement
 - 4. Gable ends with rake beams showing reinforcement or gable truss and wall bracing details
 - 5. All required connectors with uplift rating and required number and size of fasteners for continuous tie from roof to foundation
 - 6. Roof assembly shown here or on roof system detail (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with resistance rating)
 - 7. Fire resistant construction (if required)
 - 8. Fireproofing requirements
 - 9. Shoe type of termite treatment (termicide or alternative method)
 - 10. Slab on grade
 - a. Vapor retardant (6mil. Polyethylene with joints lapped 6 inches and sealed)
 - b. Must show control joints, synthetic fiber reinforcement or Welded fire fabric reinforcement and supports
 - 11. Indicate where pressure treated wood will be placed
 - 12. Provide insulation R value for the following:
 - a. Attic space
 - b. Exterior wall cavity
 - c. Crawl space (if applicable)

b) Wood frame wall

1. All materials making up wall
2. Size and species of studs
3. Sheathing size, type and nailing schedule
4. Headers sized
5. Gable end showing balloon framing detail or gable truss and wall hinge bracing detail
6. All required fasteners for continuous tie from roof to foundation (truss anchors, straps, anchor bolts and washers)
7. Roof assembly shown here or on roof system detail (FBC104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
8. Fire resistant construction (if applicable)
9. Fireproofing requirements
10. Show type of termite treatment (termicide or alternative method)
11. Slab on grade
 - a. Vapor retardant (6Mil. Polyethylene with joints lapped 6 inches and sealed
 - b. Must show control joints, synthetic fiber reinforcement or welded wire fabric reinforcement and supports
12. Indicate where pressure treated wood will be placed
13. Provide insulation R value for the following:
 - a. Attic space
 - b. Exterior wall cavity
 - c. Crawl space (if applicable)

c) Metal frame wall and roof (designed, signed and sealed by Florida Prof. Engineer or Architect)

Floor Framing System:

- a) Floor truss package including layout and details, signed and sealed by Florida Registered Professional Engineer
- b) Floor joist size and spacing
- c) Girder size and spacing
- d) Attachment of joist to girder
- e) Wind load requirements where applicable

Plumbing Fixture layout

Electrical layout including:

- a) Switches, outlets/receptacles, lighting and all required GFCI outlets identified
- b) Ceiling fans
- c) Smoke detectors
- d) Service panel and sub-panel size and location(s)
- e) Meter location with type of service entrance (overhead or underground)
- f) Appliances and HVAC equipment
- g) Arc Fault Circuits (AFCI) in bedrooms

HVAC information

- a) Manual J sizing equipment or equivalent computation
- b) Exhaust fans in bathroom

Energy Calculations (dimensions shall match plans)

Gas System Type (LP or Natural) Location and BTU demand of equipment

Disclosure Statement for Owner Builders

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

Private Potable Water

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

PRODUCT APPROVAL SPECIFICATION SHEET

Location: WESTERWOODS LOT 1

Project Name: PARKER THOMAS

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

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS			
1. Swinging	MASONITE	INSWING/OUTSWING DOUBLE DOORS	FL18
2. Sliding	N/A		
3. Sectional	RAYNOR	9' WIDE x 8' TALL	FL4867
4. Roll up	N/A		
5. Automatic	N/A		
6. Other	N/A		
B. WINDOWS			
1. Single hung	JORDAN	8500 SERIES	FL1378-R1
2. Horizontal Slider	N/A		
3. Casement	N/A		
4. Double Hung	N/A		
5. Fixed	N/A		
6. Awning	N/A		
7. Pass-through	N/A		
8. Projected	N/A		
9. Mullion	N/A		
10. Wind Breaker	N/A		
11. Dual Action	N/A		
12. Other	N/A		
C. PANEL WALL			
1. Siding	N/A		
2. Soffits	N/A		
3. EIFS	N/A		
4. Storefronts	N/A		
5. Curtain walls	N/A		
6. Wall louver	N/A		
7. Glass block	N/A		
8. Membrane	N/A		
9. Greenhouse	N/A		
10. Other	N/A		
D. ROOFING PRODUCTS			
1. Asphalt Shingles	GLK CORP.	PRESTIGUE GRANDE	FL596-R1
2. Underlayments	N/A		
3. Roofing Fasteners	N/A		
4. Non-structural Metal Rf	N/A		
5. Built-Up Roofing	N/A		
6. Modified Bitumen	N/A		
7. Single Ply Roofing Sys	N/A		
8. Roofing Tiles	N/A		
9. Roofing Insulation	N/A		
10. Waterproofing	N/A		
11. Wood shingles /shakes	N/A		
12. Roofing Slate	N/A		

Category/Subcategory (cont.)	Manufacturer	Product Description	Approval Number(s)
13. Liquid Applied Roof Sys	N/A		
14. Cements-Adhesives – Coatings	N/A		
15. Roof Tile Adhesive	N/A		
16. Spray Applied Polyurethane Roof	N/A		
17. Other	N/A		
E. SHUTTERS	N/A		
1. Accordion	N/A		
2. Bahama	N/A		
3. Storm Panels	N/A		
4. Colonial	N/A		
5. Roll-up	N/A		
6. Equipment	N/A		
7. Others	N/A		
F. SKYLIGHTS	N/A		
1. Skylight	N/A		
2. Other	N/A		
G. STRUCTURAL COMPONENTS			
1. Wood connector/anchor	SIMPSON	H16S/LGTZ/LSTA21/LSTA18/H10	FL 1423-R2
2. Truss plates	N/A	ENGINEERED TRUSS PACKAGE	
3. Engineered lumber	N/A	AS SHOWN ON SHEET S-3	
4. Railing	N/A		
5. Coolers-freezers	N/A		
6. Concrete Admixtures	N/A		
7. Material	N/A		
8. Insulation Forms	N/A		
9. Plastics	N/A		
10. Deck-Roof	N/A	7/8" OSB	
11. Wall	N/A	7/16" OSB	
12. Sheds	N/A		
13. Other	N/A		
H. NEW EXTERIOR ENVELOPE PRODUCTS			
1.			
2.			

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

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



Contractor or Contractor's Authorized Agent Signature

LAKE CITY, FL

Location

MICHAEL JENKINS

10/19/05

Print Name

Date

Permit # (FOR STAFF USE ONLY)

05-004-A

P:1/3

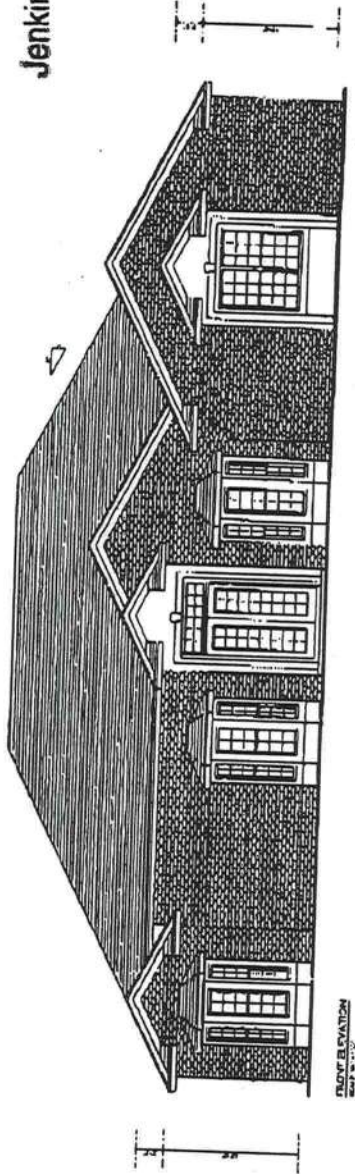
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CL: C 2003 10:01 FROM: JUDGE BRYAN 3867582151

RECEIVED

SEP 06 2005

Jenkins Contracting LLC
Lake City



Approved,
Lot 1 - Westerwood.
[Signature]
9/6/05

Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID:1SQW 487-Z0230143729

Truss Fabricator: Anderson Truss Company
Job Identification: 5-418-JENKINS CONTRACTING/PARKER
Truss Count: 55
Model Code: Florida Building Code
Truss Criteria: ANSI/TPI-1995 (STD)
Engineering Software: Alpine Software, Version 7.04.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-98 -Closed

Notes:

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

Details: CNBRGBLK-BRCLBSUB-A11015EC-GBLLETIN-PIGBACKA-A11030EN



Seal Date: 09/30/2005

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

#	Ref	Description	Drawing#	Date
1	62656--A1		05273014	09/30/05
2	62657--A2		05273001	09/30/05
3	62658--A3		05273002	09/30/05
4	62659--A4		05273003	09/30/05
5	62660--A5		05273004	09/30/05
6	62661--A6		05273015	09/30/05
7	62662--A7		05273016	09/30/05
8	62663--A8		05273017	09/30/05
9	62664--A9		05273018	09/30/05
10	62665--A10		05273054	09/30/05
11	62666--A11		05273019	09/30/05
12	62667--A12G		05273020	09/30/05
13	62668--B1		05273021	09/30/05
14	62669--B2		05273022	09/30/05
15	62670--B3		05273005	09/30/05
16	62671--B4		05273006	09/30/05
17	62672--B5		05273007	09/30/05
18	62673--B6		05273023	09/30/05
19	62674--B7		05273024	09/30/05
20	62675--B8		05273025	09/30/05
21	62676--B9		05273026	09/30/05
22	62677--B10		05273027	09/30/05
23	62678--C1		05273028	09/30/05
24	62679--C2		05273029	09/30/05
25	62680--C3		05273030	09/30/05
26	62681--C4		05273031	09/30/05
27	62682--C5		05273032	09/30/05
28	62683--C6		05273033	09/30/05
29	62684--C7		05273034	09/30/05
30	62685--C8		05273035	09/30/05
31	62686--C9		05273036	09/30/05
32	62687--C10G		05273037	09/30/05
33	62688--D1-GE		05273038	09/30/05
34	62689--D2		05273008	09/30/05
35	62690--D3-GE		05273039	09/30/05
36	62691--HJ7		05273055	09/30/05

#	Ref	Description	Drawing#	Date
37	62692--EJ7		05273040	09/30/05
38	62693--J5		05273041	09/30/05
39	62694--J3		05273009	09/30/05
40	62695--J1		05273042	09/30/05
41	62696--JZ1		05273043	09/30/05
42	62697--JZ2		05273010	09/30/05
43	62698--K1-GE		05273044	09/30/05
44	62699--K2		05273011	09/30/05
45	62700--K3G		05273045	09/30/05
46	62701--K4		05273012	09/30/05
47	62702--AP1		05273046	09/30/05
48	62703--AP2		05273047	09/30/05
49	62704--AP3		05273048	09/30/05
50	62705--R1-GE		05273053	09/30/05
51	62706--S1-GE		05273049	09/30/05
52	62707--S2		05273013	09/30/05
53	62708--X1-GE		05273050	09/30/05
54	62709--Z1		05273051	09/30/05
55	62710--Z2		05273052	09/30/05



Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Page 1 of 1 Document ID:1SQW487-Z0230143729

Truss Fabricator: Anderson Truss Company
Job Identification: 5-418-JENKINS CONTRACTING/PARKER (5-418|-JENKINS CONTRACTING/PARKER)
Truss Count: 6
Model Code: Florida Building Code
Truss Criteria: ANSI/TPI-1995(STD)
Engineering Software: Alpine Software, Version 7.04.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-98 -Closed

Notes:

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

Seal Date: 09/30/2005

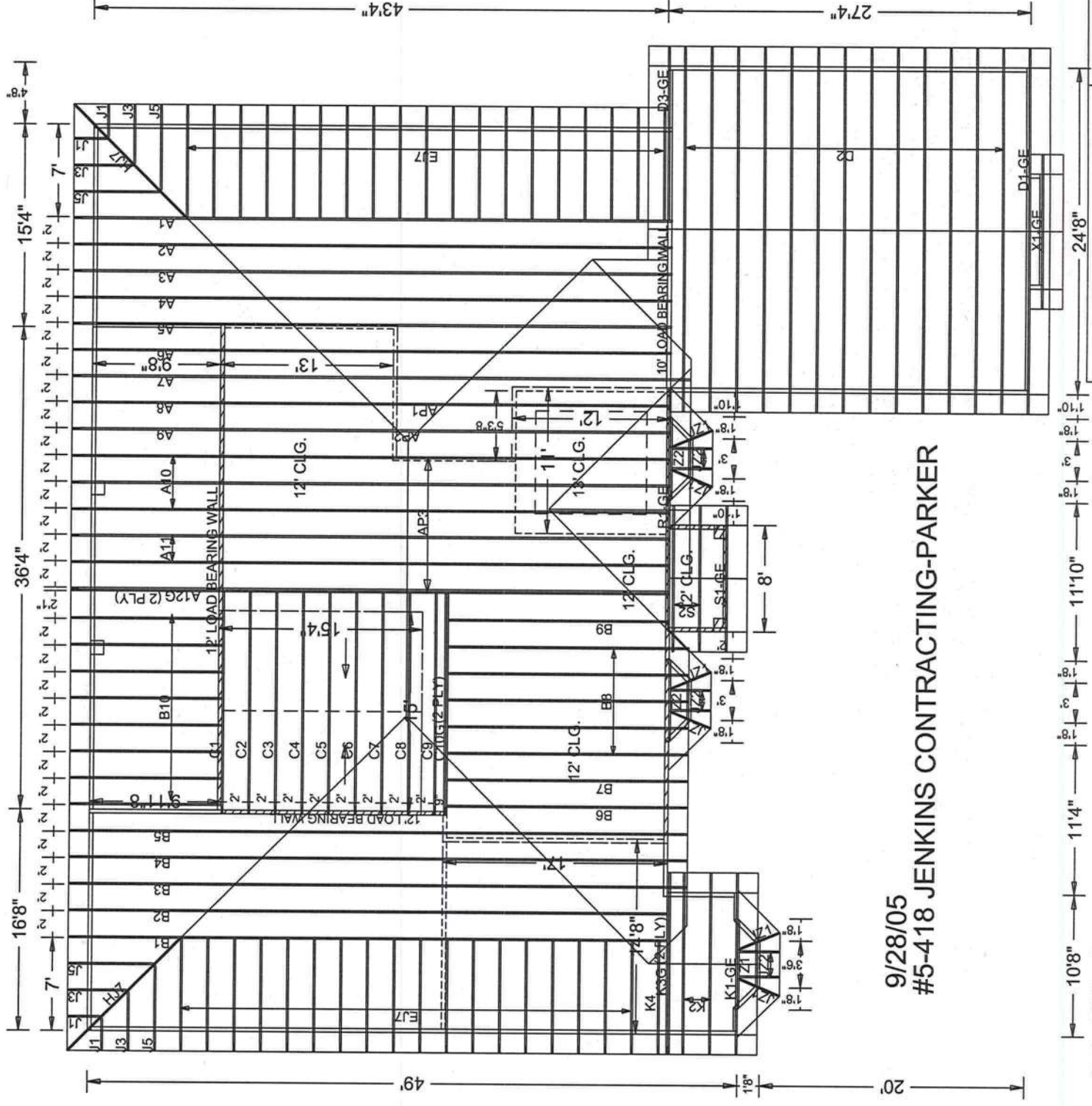
-Truss Design Engineer-
Arthur R. Fisher
Florida License Number: 59687
1950 Marley Drive
Haines City, FL 33844

Revised Trusses

#	Ref	Description	Drawing#	Date
1	62688--	D1-GE	05273038	09/30/05
2	62690--	D3-GE	05273039	09/30/05
3	62698--	K1-GE	05273044	09/30/05
4	62702--	AP1	05273046	09/30/05
5	62706--	S1-GE	05273049	09/30/05
6	62708--	X1-GE	05273050	09/30/05

ALPINE





9/28/05
#5-418 JENKINS CONTRACTING-PARKER

Scale: 3/32" = 1'

JOB NO: 5-418

PAGE NO: 1 OF 1

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

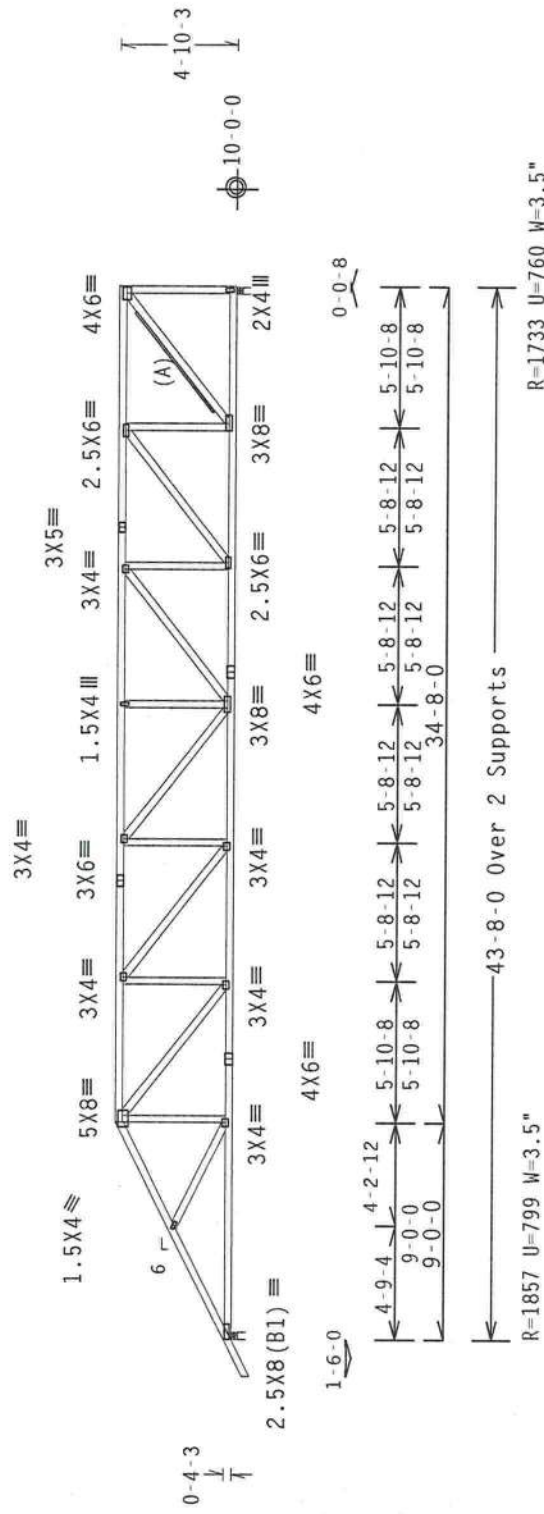
110 mph wind, 12.22 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

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

Right end vertical not exposed to wind pressure.

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

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



PLT TYP. Wave TPI

Design Crit: TPI-1995 (STD)

7 04 05

Scale = .125"/Ft.

WARNING** TROSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-800 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TROSS PLATE INSTITUTE, 593 OYSTER LANE, SUITE 100, MADISON, WI 53719) AND WICK (WOOD TROSS COUNCIL OF AMERICA, 6300 ENTERPRISE, LYN, MADISON, WI 53719) FOR THE LATEST PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAILS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED TOP CHORD SETTING.

****IMPORTANT**** PLEASE PRINT A COPY OF THIS DESIGN TO BE THE INSTALLATION CONTRACTOR. ALINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DETAILATION FROM THIS DESIGN. ANY FAILURE OF ANY TRUSS IN CONFORMANCE WITH TP1: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGNER CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIAA) AND TP1: ALTHE DESIGNER SHALL BE RESPONSIBLE FOR THE PROPER DETAILING OF ALL TRUSSES TO BE USED. ALL TRUSSES MUST BE PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN. POSITION PER MEMBER. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER AS OF TP1-2002 SEC.3. A SEAL OR STAMPING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF THIS DESIGN. THE USE OF THIS CONTRACT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMERICAN INSTITUTE OF STEEL CONSTRUCTION INC. (AISC) 308-10.



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

FL Certificate of Authorization # 567

TC LL	20.0 PSF	REF	R487--	62657
TC DL	10.0 PSF	DATE	09/30/05	
BC DL	10.0 PSF	DRW	HCUSR487	05273001
BC LL	0.0 PSF	HC-ENG	JB/AF	*
TOT.LD.	40.0 PSF	SEQN-	39288	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1SQM487	702

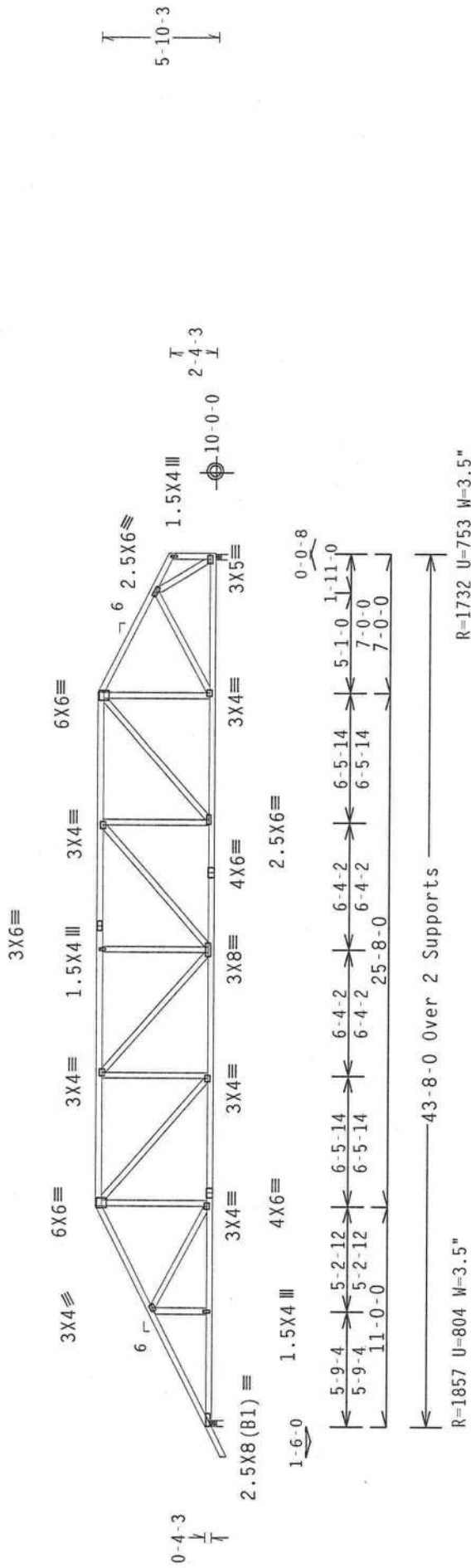
Top chord	2x4	SP	#2	Dense
Bot chord	2x4	SP	#2	Dense
Webbs	2x4	SP	#3	

110 mph wind, 12.72 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

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

Right end vertical not exposed to wind pressure.

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



PLT TYP. Wave TPI

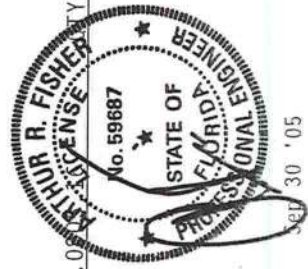
Design Crit: TPI-1995(STD)

7.04.08

E11-131-1-1R1-

$$\text{Scale} = 125''/\text{ft}$$

TC LL	20.0	PSF	REF	R487 --	62658
TC DL	10.0	PSF	DATE	09/30/05	
BC DL	10.0	PSF	DRW	HCUSR487	05273002
BC LL	0.0	PSF	HC-ENG	JB/AF	*
TOT.LD.	40.0	PSF	SEQN-	39304	
DUR,FAC.	1.25				
SPACING	24.0"		JREF-	1SQW487_Z02	



WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES (BUILDING COMPONENT SAFETY INITIATIVE), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 W. OGDEN RD., SUITE 200, MADISON, WI 53710), AND THE TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE DR., SUITE 100, MADISON, WI 53710, FOR SAFETY PRACTICES PRIOR TO PERFORMING ANY TRUSS CONSTRUCTION. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED TIGED CEILING.

[illegible]

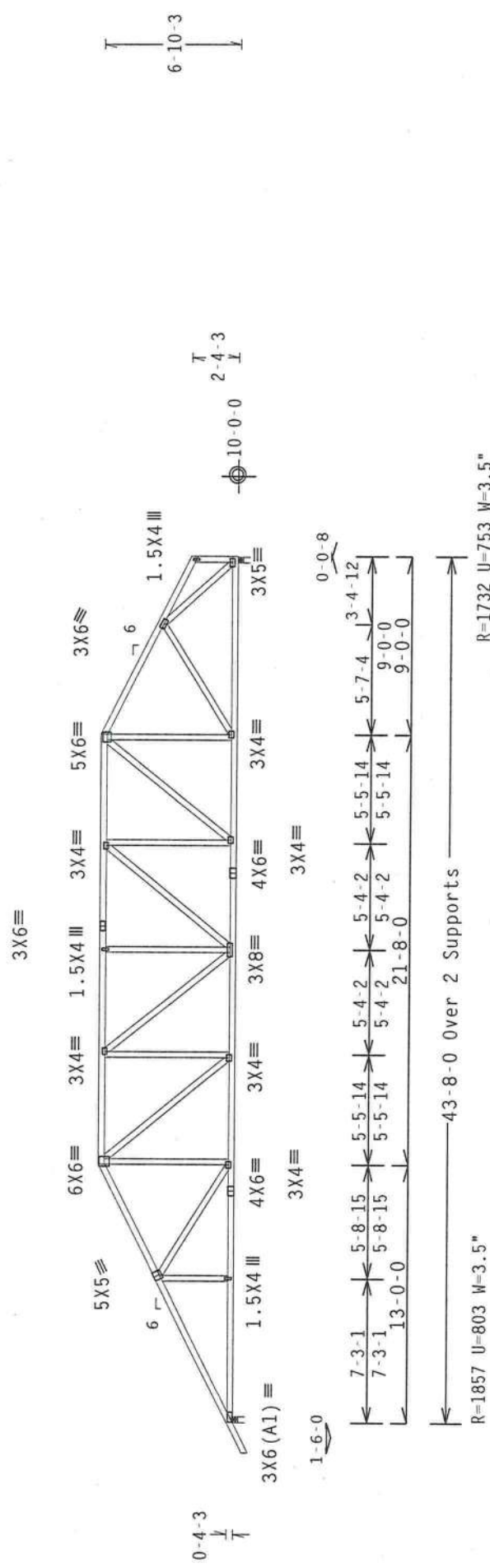
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

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

110 mph wind, 13.22 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.
Deflection meets L/360 live and L/240 total load.

Right end vertical not exposed to wind pressure.



PLT TYP. Wave TPI

Design Crit: TPI-1995 (STD)

7-04-08
HUNTER H. FISHER
FISHERS

Scale = .125"/Ft.

*WARNING** FUSIBLES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO TEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TPOSS PLATE INSTALL), 563 T O'NEORO OF, SUITE 200, MADISON, WI 53716, AND 14000 TPOSS COUNCIL OF AMERICA, 6300 INTERSTATE 11, MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMANCE. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED TIGHT CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO: ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE DESIGN CONFORMS WITH THE PROVISIONS (NATIONAL DESIGN SPEC., BY AISC) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 70AL11-0202 STEEL, 1/2" THICK, 16" WIDE, 40" (H, 8"/16") GALV. STEEL. APPLY TO EACH FACE OF THUS AND, UNLESS OTHERWISE LOCATED, 1/2" DIA. BOLTS PER THE DRAWINGS. 1600-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER. ANCH. 43 OF TPI-2002. SPECIFICATION FOR THE DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANCH./TPI 1 SEC. 2.



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

FL Certificate of Authorization # 567

JREF- 1SQW487 Z02

SPACING 24.0"

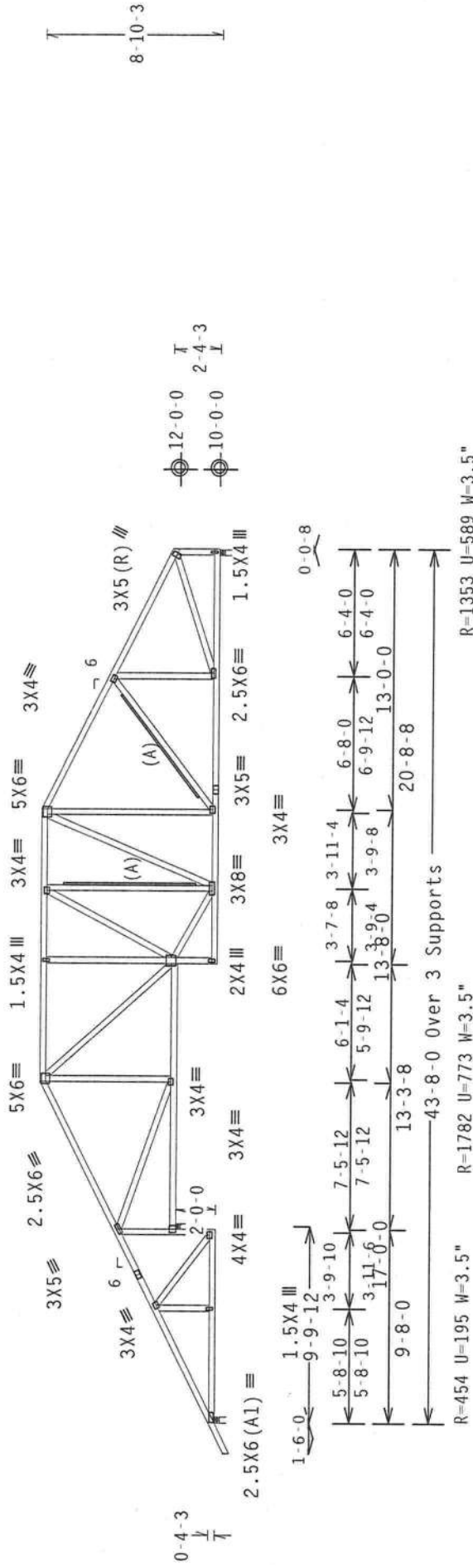
Top chord	2x4	SP	#2	Dense
Bot chord	2x4	SP	#2	Dense
webs	2x4	SP	#3	

110 mph wind, 14.22 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

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

Right end vertical not exposed to wind pressure.

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



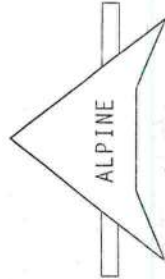
PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)

7.04.04

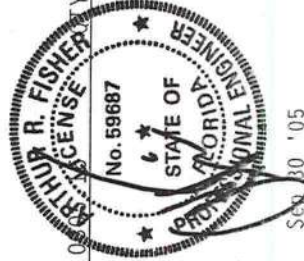
FL/-/3/-/-/R/-

Scale = .125"/Ft.



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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 3-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 HAWKERS RD., SUITE 200, MADISON, WI 53719) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE IN, MADERA, CA 93703) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID GIRDING.

[illegible]

See 30 '05

DUR.FAC.	1.25
SPACING	24.0"

Haines City, FL 33844
FL Certificate of Authorization # 567

A77

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

Roof overhang supports 2.00 psf soffit load.

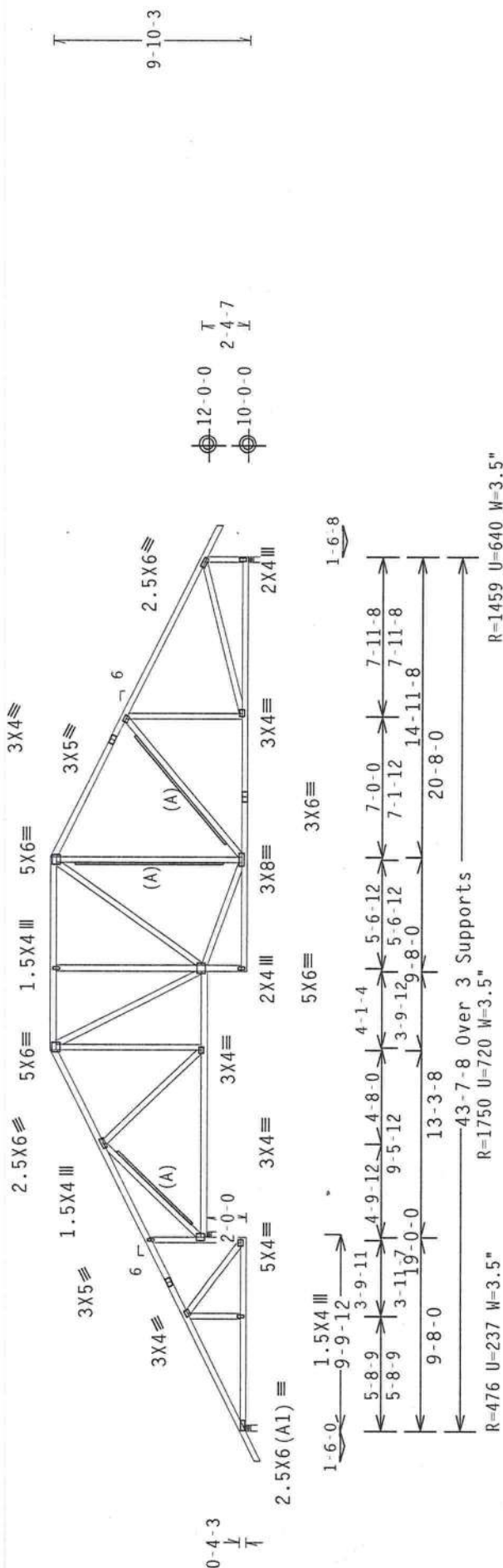
(A) 1x4 SP #3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" OC.

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

110 mph wind, 14.72 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

Right end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

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



PLT TYP. Wave TPI

Design Crit: TPI-1995 (STD)

7.04.08

FI 1 - 131 - 1 - 1R1 -

Scale = .125"/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. THE FOLLOWING INFORMATION, PUBLISHED BY IPT (PROCESS PLANT INSTITUTE, 503 DUMFRIES DR., SUITE 200, MADISON, WI 53719), CONCERNING THESE CONDITIONS, SHOULD BE OBSERVED BY ALL CONTRACTORS. THE TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED FIELD CEILING.

[illegible]

30 '05

Haines City, FL 33844
FL Certificate of Authorization # 567

JREF- 1SQW487_Z02

SPACING 24.0"

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

110 mph wind, 14.72 ft mean hgt., ASCE 7-98, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

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

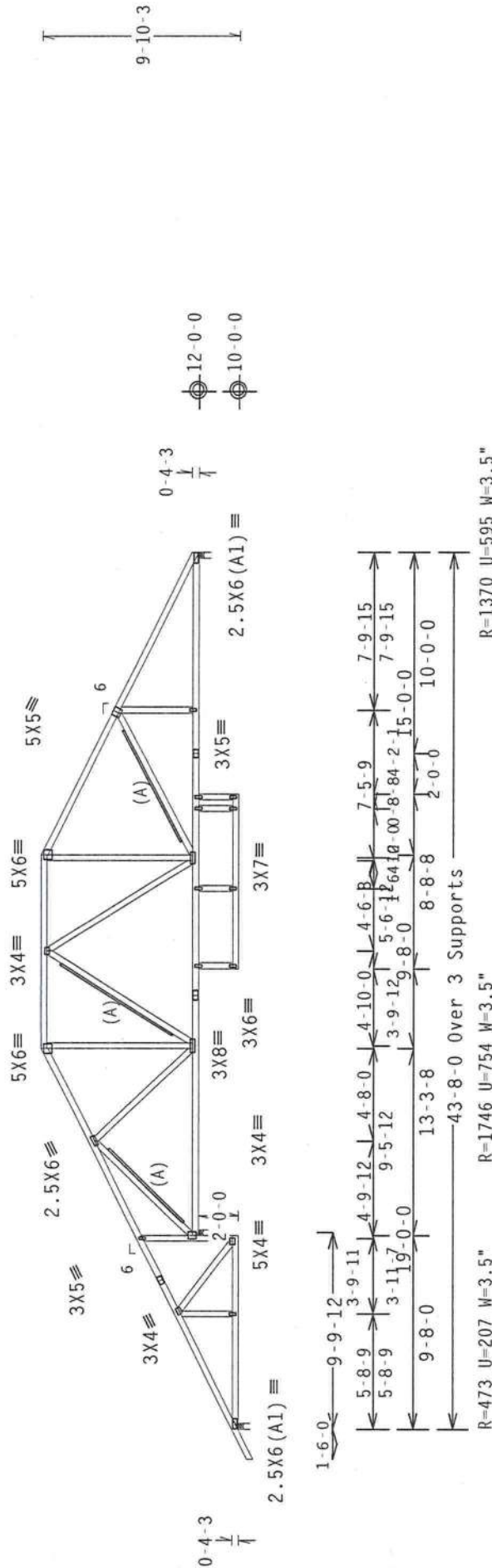
(A) 1x4 SP #3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5".min.) nails @ 6" OC.

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

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

SEE DWGS TCFILLER1103 AND BCFILLER1103 FOR FILLER DETAILS.

SEE DWG FOR FILLING AND DETAILING FOR FILLER DETAILS.
LATERALLY BRACE BOTTOM CHORD ABOVE FILLER AT 24" O.C. AND TOP
CHORD UNDER FILLER AT 24" OC INCLUDING A LATERAL BRACE AT
CHORD ENDS.



Note: All Plates Are 1.5X4 Except As Shown.

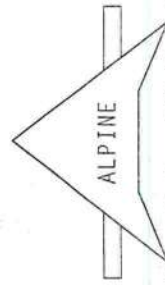
PLT TYP.: Wave TPI

Design Crit: TPI-1995(STD)

7.04.08

RTTH-18-CENSE-1

Scale = 125"/Ft

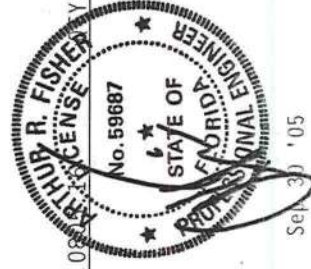


Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844

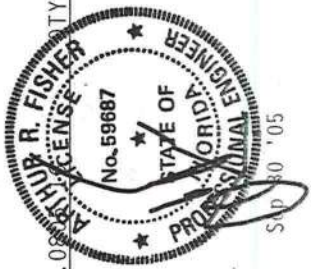
Haines City, FL 33844
FL Certificate of Authorization # 567

*****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BECS 1-103 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 E. 6000 RD. BOX 10, SUITE 200, MADISON, WI 53719) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6500 ENTERPRISE DR., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE ATTACHED TO A CHAIR, CHAIRS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED

***IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERS
PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE
THRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING. ALPINE
DESIGN CONDITIONS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AF&AP) AND TPI'S
DESIGN CONDITIONS FOR THRUSSES, BEAMS, JOISTS, AND TRUSSES, SHALL APPLY TO ALL THRUSS
PLANTS TO EACH FACE THRUSS AND JOISTS, UNLESS OTHERWISE NOTED ON THE TPI-2002 SEC.3. A SEAL ON
ANY INSPECTION OF PLATES (FOLLOVED BY C) SHALL BE PER AF&AP AS OF TPI-2002 SEC.3. A SEAL ON
BRACING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE THRUSS COMPONENT
DESIGN SHOWN. THE SATISFACTORY USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

~~Self 30, '05~~

TC LL	20.0	PSF	REF	R487 - -	62663
TC DL	10.0	PSF	DATE	09/30/05	
BC DL	10.0	PSF	DRW	HCUSR487	05273017
BC LL	0.0	PSF	HC-ENG	JB/AF	
TOT.LD.	40.0	PSF	SEQN-	39682	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	1SQW487	Z02

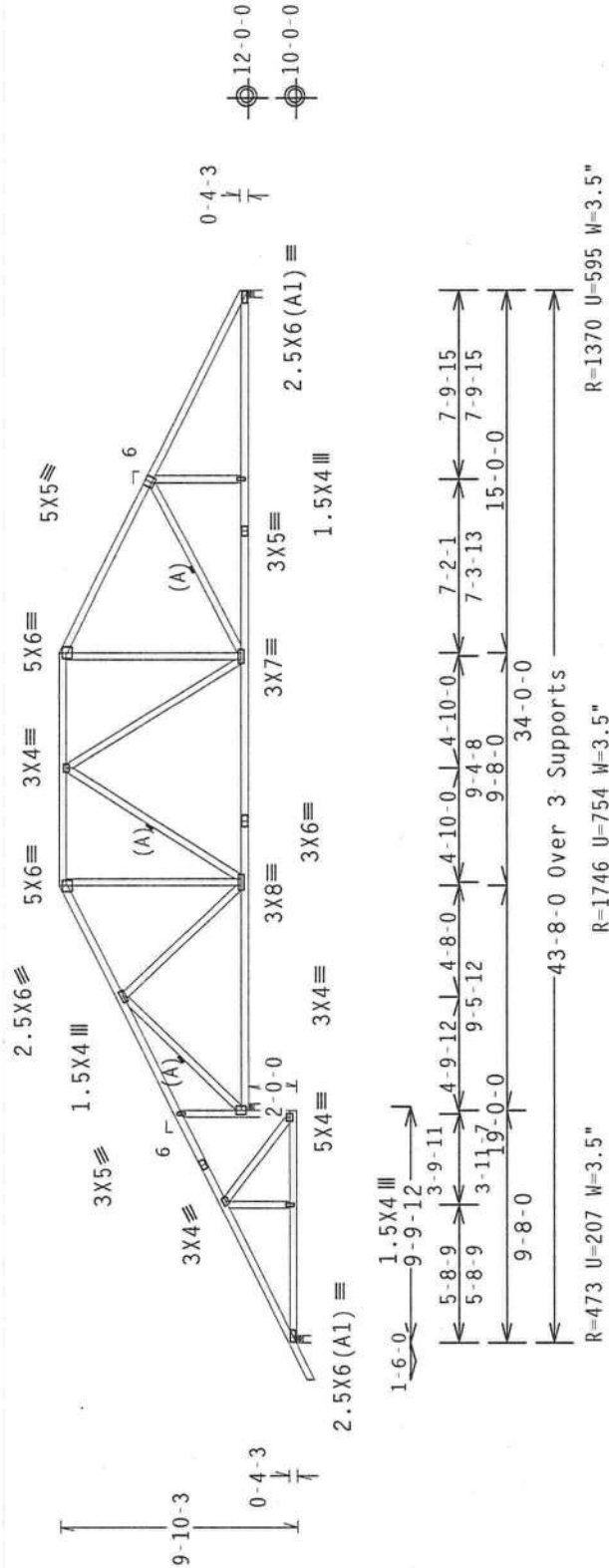


	Top	chord	2x4	SP	#2	Dense
	Bot	chord	2x4	SP	#2	Dense
		webs	2x4	SP	#3	

110 mph wind, 14.72 ft mean ht., ASCE 7-98, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

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

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



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)

7.04.08(1) JENSEN

Scale = .125"/Ft.



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

*WARNING: THESE BUILDING EXTREME CARE IN FABRICATION. HAND LINES, SHIPPING, INSTALLATION AND BRACING. REFER TO BESI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 5043 T-08080101 DR., SUITE 200, MADISON, WI 53719) AND WICA (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.

*A IMPORTANT *FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DETAIL FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-2 SHALL BE RESPONSIBLE FOR ANY DETAIL FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-2 SHALL BE RESPONSIBLE FOR ANY DETAIL FROM THIS DESIGN.

DESIGN CONFORMS WITH TPI-2 PROVISIONS OF THIS TECHNICAL SPECIFICATION (T.S.P.) BY AREA AND ALPHABETICALLY LISTED IN THE ORDER OF IMPORTANCE. THE FOLLOWING ARE THE DETAILS OF THE TRUSS COMPONENTS:

PLATES TO EACH FACE OF THESE JOINTS, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMBEX 43 OF TPI-2 2002 SEC.3.

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT

BUILDING DESIGNER PER AMBEX 43 OF TPI-2 2002 SEC.3.

THIS DOCUMENT IS THE PROPERTY OF TPI-2. IT IS TO BE USED ONLY FOR THE PURPOSES OF THE PROJECT FOR WHICH IT WAS PREPARED. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION IN WRITING FROM TPI-2.

TC LL	20.0	PSF	REF	R487--	62666
TC DL	10.0	PSF	DATE	09/30/05	
BC DL	10.0	PSF	DRW	HCUSR487	05273019
BC LL	0.0	PSF	HC-ENG	JB/AF	
TOT.LD.	40.0	PSF	SEQN-	39606	
DUR.FAC.	1.25				
SPACING	24.0"				JREF- 1SQW487_Z02

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

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (10d Common_(0.148"x3",_min.)_nails)

Top Chord: 1 Row @ 12.00" O.C.
Bot Chord: 1 Row @ 8.75" O.C.
Webs : 1 Row @ 4" O.C.

Webs : 1 Row @ 4" O.C.
 Use equal spacing between rows and stagger nails in each row to avoid splitting.

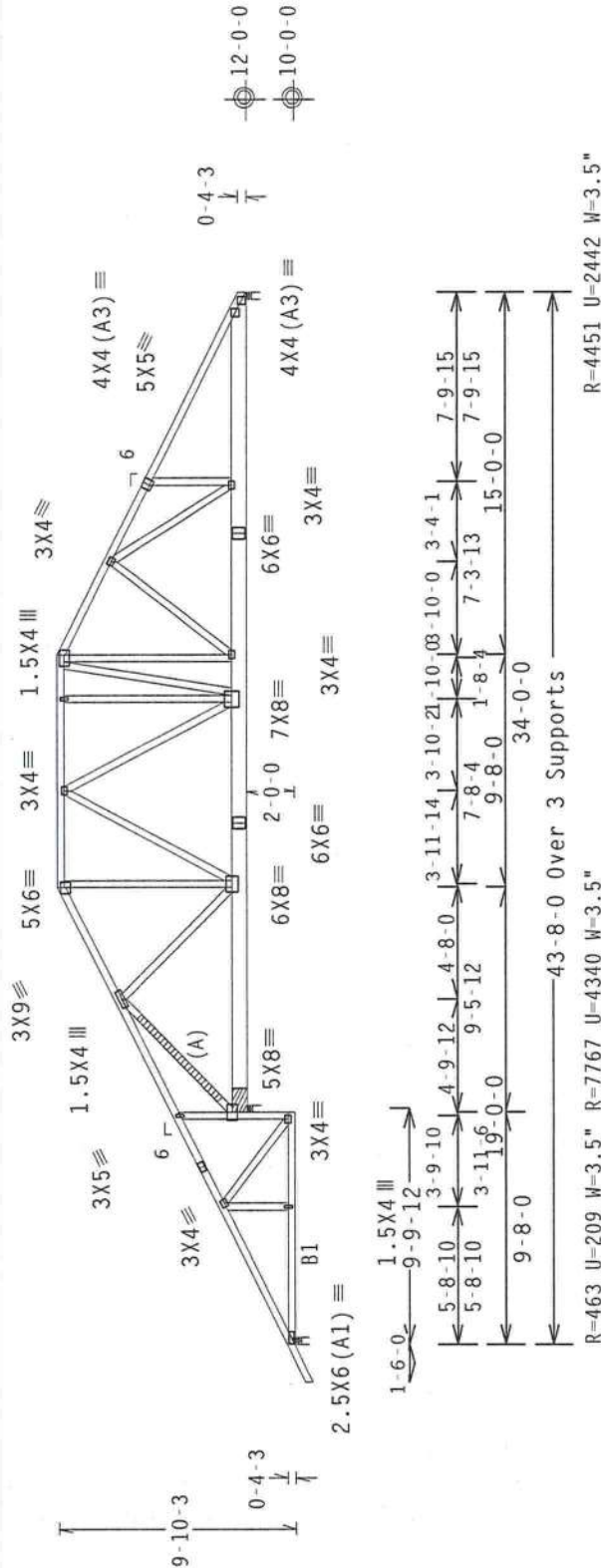
Bearing blocks: Nail type: 10d Common (0.148"x3", min.) nails
BRG X-LOC #BLOCKS LENGTH/BLK #NAILS/BLK WALL PLATE
2 9.667' 1 12" 11 SP Standard
Bearing block to be same size and species as bottom chord.
Refer to drawing CNBRGK1103 for additional information.

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

(A) (2) SP #3 or better scab braces. Same size & 80% Length of web member. Attach one to each face w/10d Box or Gun (0.128"x3", min.) nails @ 6" OC.

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

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



R=4451 U=2442 W=3.5"

PLT TYP.: Wave TPI

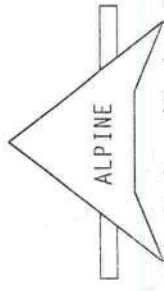
Design Crit: TPI-1995 (STD)

7.04.08
STHUM... FISHERIES
FENS
TY:1
FL/-/3/-/-/R/-

Scale = .125"/Ft.

****WARNING**** HOUSES REQUIRE EXTENSIVE CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND OPERATING. PLEASE CONSULT THE FOLLOWING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., SUITE 200, MADISON, WI 53719, AND NCA 4000 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, AIRLINE ENGINEER 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 ALL CODES PROVIDING FOR WIND LOADS PER ASCE 7-02 AND 60 FPS (193 MPH) WIND SPEEDS. PLATES TO EACH FACE OF TRUSSES AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AREA 3 OF TPI-1-2009 SEC.-2. A SEAL ON THIS COMPARTMENT INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT. NO OTHER PART OF THIS COVER FOR ANY MOVING IS THE RESPONSIBILITY OF THE INSTALLING DISCIPLINE PER ASP/TPI 1-1 SEC.-2.



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

FL Certificate of Authorization # 567

TC LL	20.0 PSF	REF	R487--	62667
TC DL	10.0 PSF	DATE	09/30/05	
BC DL	10.0 PSF	DRW	HCUSR487	05273020
BC LL	0.0 PSF	HC-ENG	JB/AF	
TOT.LD.	40.0 PSF	SEQN-	39593	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	15QW487_Z02	

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

110 mph wind, 12.22 ft mean hgt., ASCE 7-98, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

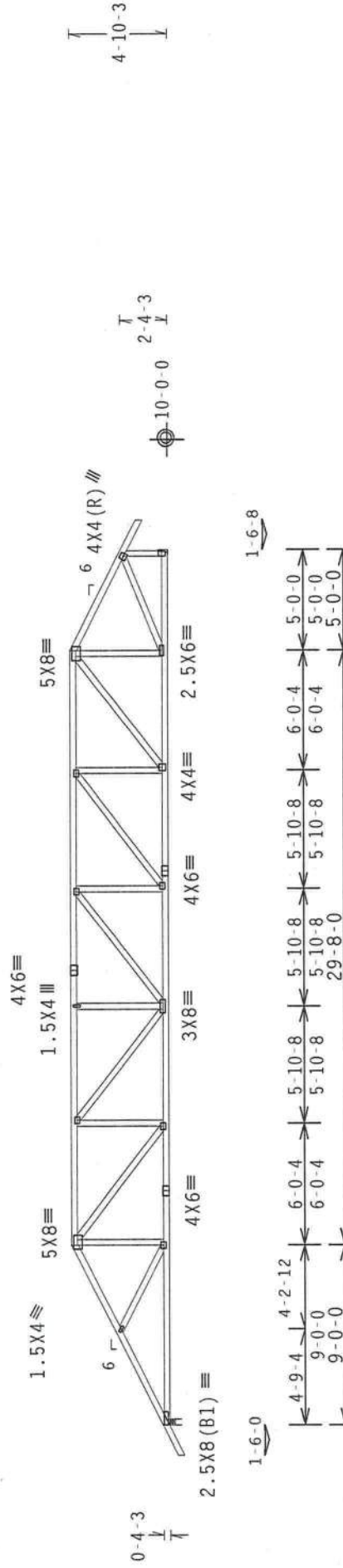
Roof overhang supports 2.00 psf soffit load.

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

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

Right end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

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



43-8-0 Over 2 Supports

R=1853 H=804 W=3.5"

Note: All Plates Are 3X4 Except As Shown.

R-1832 U=797 H=Simpson HUS26
w/ (4) 16d, 0.162"x2.5" nails in Truss
w/ (14) 16d, 0.162"x2.5" nails in Girder
Girders 2x6 min. So. Pine

P1 T TYP. Wave TPI

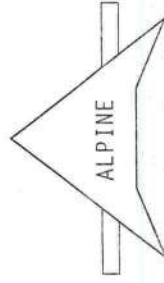
Design Crit: TPI-1995(STD)

7.04.08 16:13:11

Scale = .125"/Ft.

*WARNING** THUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESI 1103 (BUILDING CODES), BESI 1104 (INSTALLATION), BESI 1105 (BRACING), BESI 1106 (SHIPPING), BESI 1107 (HANDLING), BESI 1108 (INSTALLATION), BESI 1109 (SHIPPING), BESI 1110 (HANDLING), BESI 1111 (INSTALLATION), BESI 1112 (SHIPPING), BESI 1113 (HANDLING), BESI 1114 (INSTALLATION), BESI 1115 (SHIPPING), BESI 1116 (HANDLING), BESI 1117 (INSTALLATION), BESI 1118 (SHIPPING), BESI 1119 (HANDLING), BESI 1120 (INSTALLATION), BESI 1121 (SHIPPING), BESI 1122 (HANDLING), BESI 1123 (INSTALLATION), BESI 1124 (SHIPPING), BESI 1125 (HANDLING), BESI 1126 (INSTALLATION), BESI 1127 (SHIPPING), BESI 1128 (HANDLING), BESI 1129 (INSTALLATION), BESI 1130 (SHIPPING), BESI 1131 (HANDLING), BESI 1132 (INSTALLATION), BESI 1133 (SHIPPING), BESI 1134 (HANDLING), BESI 1135 (INSTALLATION), BESI 1136 (SHIPPING), BESI 1137 (HANDLING), BESI 1138 (INSTALLATION), BESI 1139 (SHIPPING), BESI 1140 (HANDLING), BESI 1141 (INSTALLATION), BESI 1142 (SHIPPING), BESI 1143 (HANDLING), BESI 1144 (INSTALLATION), BESI 1145 (SHIPPING), BESI 1146 (HANDLING), BESI 1147 (INSTALLATION), BESI 1148 (SHIPPING), BESI 1149 (HANDLING), BESI 1150 (INSTALLATION), BESI 1151 (SHIPPING), BESI 1152 (HANDLING), BESI 1153 (INSTALLATION), BESI 1154 (SHIPPING), BESI 1155 (HANDLING), BESI 1156 (INSTALLATION), BESI 1157 (SHIPPING), BESI 1158 (HANDLING), BESI 1159 (INSTALLATION), BESI 1160 (SHIPPING), BESI 1161 (HANDLING), BESI 1162 (INSTALLATION), BESI 1163 (SHIPPING), BESI 1164 (HANDLING), BESI 1165 (INSTALLATION), BESI 1166 (SHIPPING), BESI 1167 (HANDLING), BESI 1168 (INSTALLATION), BESI 1169 (SHIPPING), BESI 1170 (HANDLING), BESI 1171 (INSTALLATION), BESI 1172 (SHIPPING), BESI 1173 (HANDLING), BESI 1174 (INSTALLATION), BESI 1175 (SHIPPING), BESI 1176 (HANDLING), BESI 1177 (INSTALLATION), BESI 1178 (SHIPPING), BESI 1179 (HANDLING), BESI 1180 (INSTALLATION), BESI 1181 (SHIPPING), BESI 1182 (HANDLING), BESI 1183 (INSTALLATION), BESI 1184 (SHIPPING), BESI 1185 (HANDLING), BESI 1186 (INSTALLATION), BESI 1187 (SHIPPING), BESI 1188 (HANDLING), BESI 1189 (INSTALLATION), BESI 1190 (SHIPPING), BESI 1191 (HANDLING), BESI 1192 (INSTALLATION), BESI 1193 (SHIPPING), BESI 1194 (HANDLING), BESI 1195 (INSTALLATION), BESI 1196 (SHIPPING), BESI 1197 (HANDLING), BESI 1198 (INSTALLATION), BESI 1199 (SHIPPING), BESI 1200 (HANDLING).

* **IMPORTANT** *THINKER A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE ENGINEERS
PROJECT, 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.
THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MOD NATIONAL DESIGN SPEC., BY AISC AND ALL OTHER
DESIGN STANDARDS WITH APPLICABLE PROVISIONS OF MOD NATIONAL DESIGN SPEC., BY AISC AND ALL OTHER
STANDARDS. THE DESIGN IS BASED ON THE FOLLOWING ASSUMPTIONS:
1. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2.
2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMPS 4.3 OF TPI-2002 SEC. 3.
3. DRILLING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT
OF THIS DESIGN. THE CONTRACTOR'S USE OF THIS CONTRACT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE
CONTRACTOR. ENGINEER HAS NO LIABILITY FOR THE BUILDING.



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

TC LL	20.0 PSF	REF	R487 --	62669
TC DL	10.0 PSF	DATE	09/30/05	
BC DL	10.0 PSF	DRW	HCUSR487	05273022
BC LL	0.0 PSF	HC-ENG	JB/AF	
TOT.LD.	40.0 PSF	SEQN-	39758	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1SQW487_Z02	

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

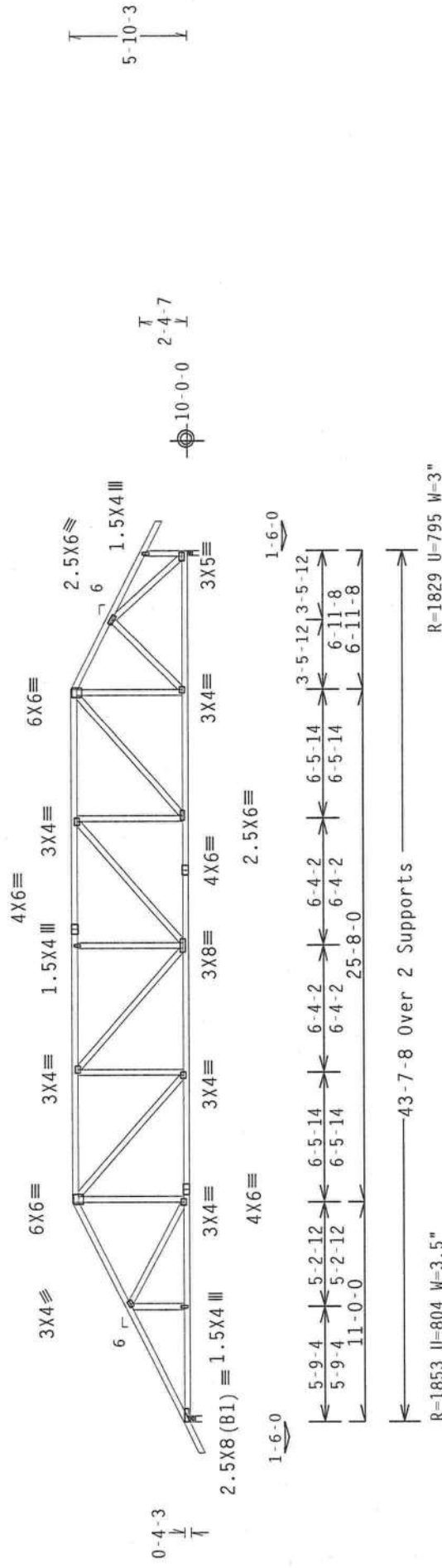
110 mph wind, 12.72 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

Roof overhang supports 2.00 psf soffit load.

Right end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

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

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



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)

7.04.08

Scale = .125"/Ft.

*MARKING-ONE THESE REQUIRE EXTREME CARE IN FABRICATION. REFLECTANCE TO THE FOLLOWING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI INDUSTRIES, INC., 563 WEST WASHINGTON ST., SUITE 200, MADISON, WI 53719, AND AICA (WOOD TRUSS COUNCIL OF AMERICA), 6300 ENTERPRISE LN., MADISON, WI 53719, 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 * * * I HEREBY GIVE YOU THIS DOCUMENTATION TO BE USED FOR THE INSTALLATION OF THIS COMPONENT. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THIS DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN COMPLIANCE WITH APPLICABLE PROVISIONS OF THIS NATIONAL CODE SPEC. BY AIAA) IS YOUR RESPONSIBILITY. IF YOU ARE NOT SURE OF THE CORRECT APPLICATION OF THESE REQUIREMENTS, PLEASE CONTACT THE ENGINEERING DEPARTMENT OF THE MANUFACTURER OF THIS COMPONENT. ANY ATTEMPT TO MODIFY THE TRUSS WITHOUT THE WRITTEN APPROVAL OF THE MANUFACTURER WILL VOID ALL WARRANTIES AND MAY BE SUBJECT TO LITIGATION. THE FOLLOWING INFORMATION IS PROVIDED FOR YOUR REFERENCE ONLY. IT DOES NOT REPLACE THE DRAWINGS AND SPECIFICATIONS WHICH ARE PART OF THE CONTRACT DOCUMENTS. THE FOLLOWING INFORMATION IS PROVIDED FOR YOUR REFERENCE ONLY. IT DOES NOT REPLACE THE DRAWINGS AND SPECIFICATIONS WHICH ARE PART OF THE CONTRACT DOCUMENTS.

1. THE TRUSS SHALL BE ASSEMBLED IN ACCORDANCE WITH THE FOLLOWING INFORMATION:

a. THE TRUSS SHALL BE ASSEMBLED IN ACCORDANCE WITH THE FOLLOWING INFORMATION:

b. THE TRUSS SHALL BE ASSEMBLED IN ACCORDANCE WITH THE FOLLOWING INFORMATION:

c. THE TRUSS SHALL BE ASSEMBLED IN ACCORDANCE WITH THE FOLLOWING INFORMATION:

d. THE TRUSS SHALL BE ASSEMBLED IN ACCORDANCE WITH THE FOLLOWING INFORMATION:

e. THE TRUSS SHALL BE ASSEMBLED IN ACCORDANCE WITH THE FOLLOWING INFORMATION:

f. THE TRUSS SHALL BE ASSEMBLED IN ACCORDANCE WITH THE FOLLOWING INFORMATION:

g. THE TRUSS SHALL BE ASSEMBLED IN ACCORDANCE WITH THE FOLLOWING INFORMATION:

h. THE TRUSS SHALL BE ASSEMBLED IN ACCORDANCE WITH THE FOLLOWING INFORMATION:

i. THE TRUSS SHALL BE ASSEMBLED IN ACCORDANCE WITH THE FOLLOWING INFORMATION:

j. THE TRUSS SHALL BE ASSEMBLED IN ACCORDANCE WITH THE FOLLOWING INFORMATION:

k. THE TRUSS SHALL BE ASSEMBLED IN ACCORDANCE WITH THE FOLLOWING INFORMATION:

l. THE TRUSS SHALL BE ASSEMBLED IN ACCORDANCE WITH THE FOLLOWING INFORMATION:

m. THE TRUSS SHALL BE ASSEMBLED IN ACCORDANCE WITH THE FOLLOWING INFORMATION:

n. THE TRUSS SHALL BE ASSEMBLED IN ACCORDANCE WITH THE FOLLOWING INFORMATION:

o. THE TRUSS SHALL BE ASSEMBLED IN ACCORDANCE WITH THE FOLLOWING INFORMATION:

p. THE TRUSS SHALL BE ASSEMBLED IN ACCORDANCE WITH THE FOLLOWING INFORMATION:

q. THE TRUSS SHALL BE ASSEMBLED IN ACCORDANCE WITH THE FOLLOWING INFORMATION:

r. THE TRUSS SHALL BE ASSEMBLED IN ACCORDANCE WITH THE FOLLOWING INFORMATION:

s. THE TRUSS SHALL BE ASSEMBLED IN ACCORDANCE WITH THE FOLLOWING INFORMATION:

t. THE TRUSS SHALL BE ASSEMBLED IN ACCORDANCE WITH THE FOLLOWING INFORMATION:

u. THE TRUSS SHALL BE ASSEMBLED IN ACCORDANCE WITH THE FOLLOWING INFORMATION:

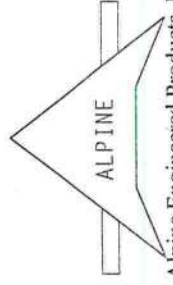
v. THE TRUSS SHALL BE ASSEMBLED IN ACCORDANCE WITH THE FOLLOWING INFORMATION:

w. THE TRUSS SHALL BE ASSEMBLED IN ACCORDANCE WITH THE FOLLOWING INFORMATION:

x. THE TRUSS SHALL BE ASSEMBLED IN ACCORDANCE WITH THE FOLLOWING INFORMATION:

y. THE TRUSS SHALL BE ASSEMBLED IN ACCORDANCE WITH THE FOLLOWING INFORMATION:

z. THE TRUSS SHALL BE ASSEMBLED IN ACCORDANCE WITH THE FOLLOWING INFORMATION:



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

FL. Certificate of Authorization # 567

FL/-/3/-/-/R/-	Scale = .125"/Ft.	
TC LL	20.0 PSF	REF R487 -- 62670
TC DL	10.0 PSF	DATE 09/30/05
BC DL	10.0 PSF	DRW HCUSR487 05273005
BC LL	0.0 PSF	HC-ENG JB/AF *
TOT.LD.	40.0 PSF	SEQN- 39773
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SQW487_Z02

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

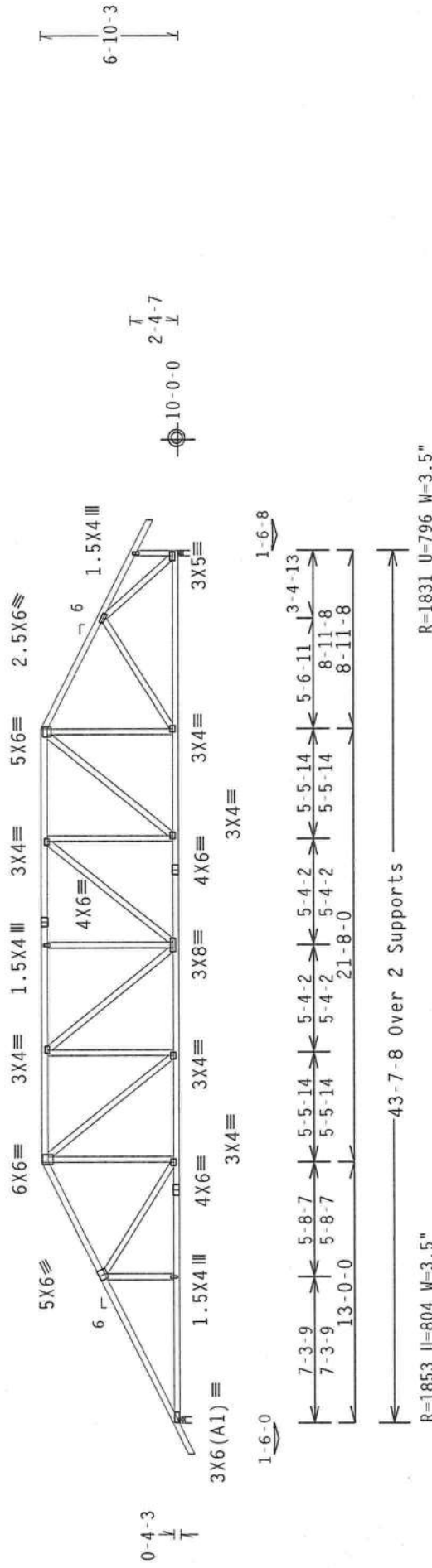
110 mph wind, 13.22 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

Roof overhang supports 2.00 psf soffit load.

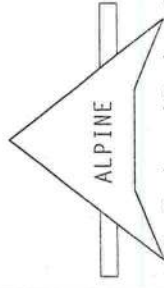
Right end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

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

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



PLT TYP. Wave TPI



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

Design Crit: TPI-1995 (STD)

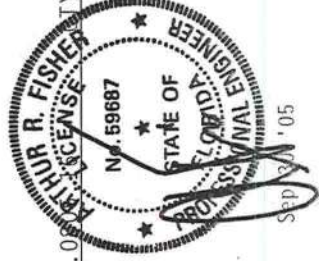
*WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DESIGN LISTS (OUTLINOING COMPANIES) FOR TRUSS COUNCIL OF AMERICA, 6200 ENTERPRISE IN. JACKSONVILLE, FL 32217, AND WOOD TRUSS COUNCIL OF AMERICA, 6200 ENTERPRISE IN. JACKSONVILLE, FL 32217, FOR 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 TIGHT CHLING.

[illegible]

7.04.02

FL/-/3/-/-/R/- Scale = .125"/Ft.

TC LL	20.0	PSF	REF	R487 --	62671
TC DL	10.0	PSF	DATE	09/30/05	
BC DL	10.0	PSF	DRW	HCUSR487	05273006
BC LL	0.0	PSF	HC-ENG	JB/AF	*
TOT.LD.	40.0	PSF	SEQN-	39791	
DUR.FAC.	1.25				
SPACING	24.0"				JREF- 1SQW487_Z02



50,000,000

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

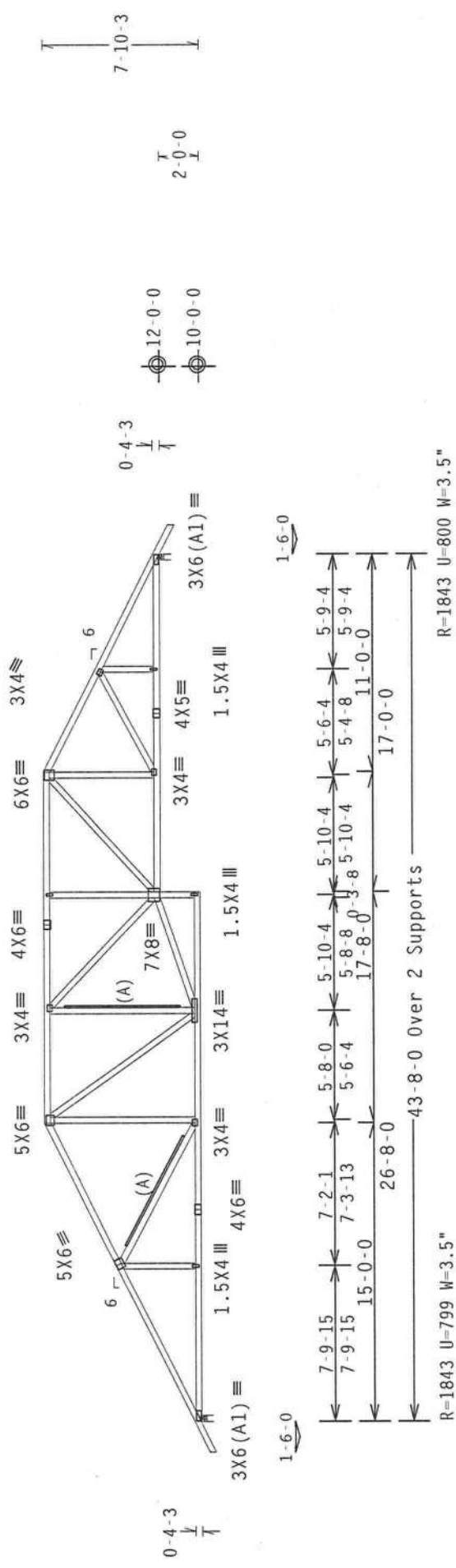
110 mph wind, 13.72 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

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

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

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

1.5X4 III



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)

7.04.08

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

Scale =.125"/Ft.

ALPINE

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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 UCS 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI CROSS PLATE PRODUCTS, INC. FOR DETAILED INFORMATION. THE USER SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/10GA. (4.1/5/3) A575 A653 GRADE 40/50 (4. R/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (U) SHALL BE PER AF&PA AS OF TPI-2002 SEC. 3. A SEAL ON THIS BEAMING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SILENT FOR THE USER'S CONFORMITY TO THE 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.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/10GA. (4.1/5/3) A575 A653 GRADE 40/50 (4. R/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (U) SHALL BE PER AF&PA AS OF TPI-2002 SEC. 3. A SEAL ON THIS BEAMING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SILENT FOR THE USER'S CONFORMITY TO THE DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TC LL	20.0 PSF	REF	R487 - - 62672
TC DL	10.0 PSF	DATE	09/30/05
BC DL	10.0 PSF	DRW	HCUSR487 05273007
BC LL	0.0 PSF	HC-ENG	JB/AF *
TOT.LD.	40.0 PSF	SEQN	39808
DUR.FAC.	1.25		
SPACING	24.0"	JREF	1SQW487_Z02

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

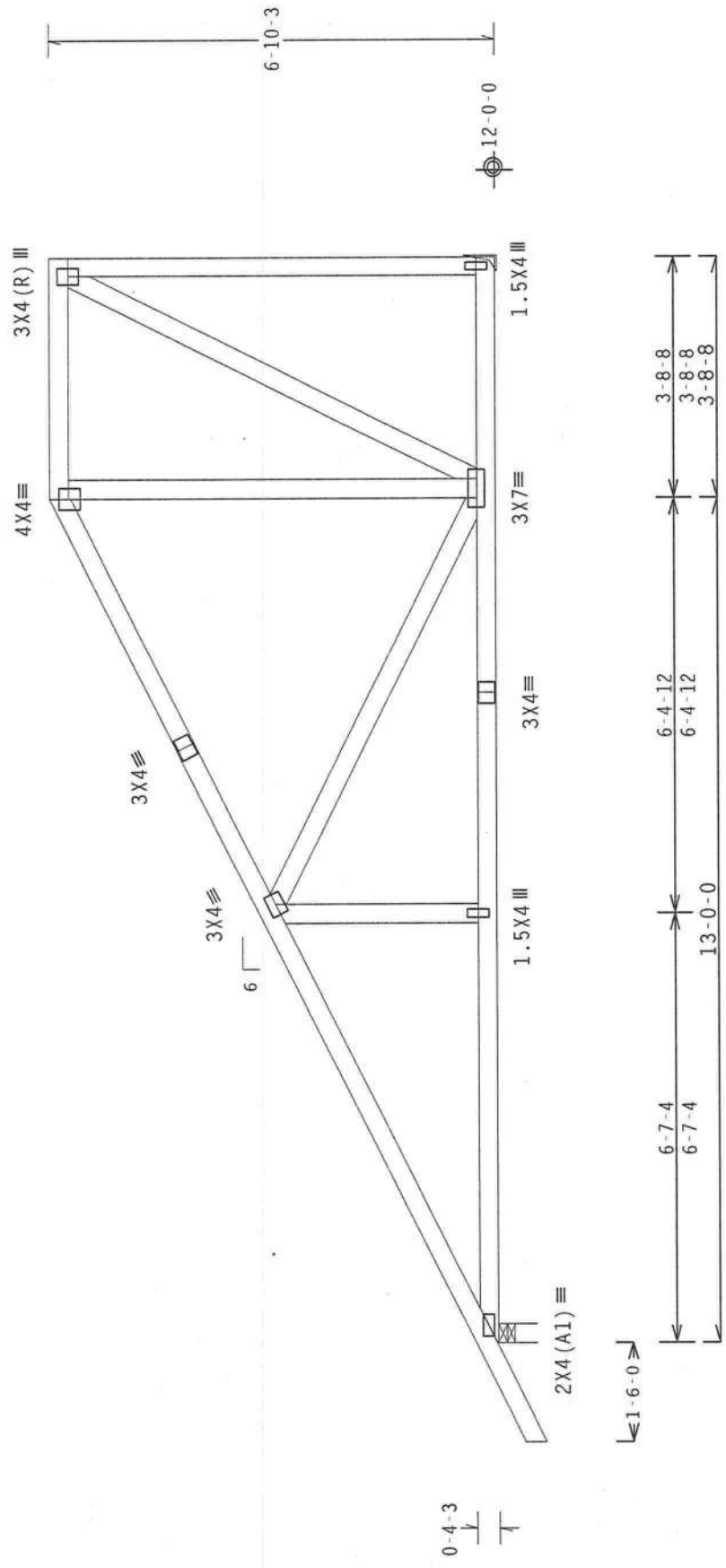
110 mph wind, 15.22 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

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

Right end vertical not exposed to wind pressure.

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

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



← 16-8-8 Over 2 Supports
P=782 U=393 W=3.5"

R=650 U=415 H=Simpson LU26
w/ (4) 10d, 0.148"x1.5" nails in Truss
w/ (6) 10d Common, 0.148"x3.0" nails in Girder
Flange
Girder is (1)2X6 min. So.Pine

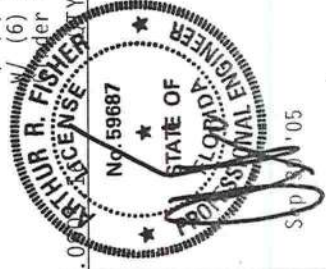
7-04-00
RTH SHEAR STRESS RATIO: FL / - / 3 / - / - / R / -
Scale = .375" / Ft.

Design Crit: TPI-1995(STD)

PLT TYP. Wave TPI

****WARNING**** TROSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSS 1-3 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE PROFESSIONAL INSTITUTE 583 O'CONNOR DRIVE, SUITE 200, MADISON, WI 53719, AND WCCA (WOOD CONNECTIONS) UNLESS OTHERWISE INDICATED. WOOD JOINTS MUST BE PROPERLY ATTACHED TO THE CHORDS. ALL JOINTS MUST HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED TENSION PLATE.

****IMPORTANT*** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DETAILING FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, CONNECTOR PLATES AND APPLICABLE REVISIONS OF AISC (NATIONAL DESIGN SPEC., OR AISC) AND TPI TYPE 12 ALPINE TRUSS DESIGN DRAWINGS SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE INSTALLATION CONTRACTOR SHALL BE RESPONSIBLE FOR THE TRUSS COMPONENT BUILDING SHOWN. THE STABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. PER AISC TYPE 12 SEC. 2.



TC LL	20.0	PSF	REF	R487 --	62673
TC DL	10.0	PSF	DATE	09/30/05	
BC DL	10.0	PSF	DRW	HCUSR487	05273023
BC LL	0.0	PSF	HC-ENG	JB/AF	
TOT.LD.	40.0	PSF	SEQN-	39111	
DUR.FAC.	1.25				
SPACING	24.0"				JREF- 1SQW487_Z02

110 mph wind, 15.72 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

Right end vertical not exposed to wind pressure.

calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

R=650 U=439 H=Simpson LU26
w/ (4) 10d, 0.148"x1.5" nails in Truss
w/ (6) 10d Common, 0.148"x3.0" nails in Girder
The order is (1)2x6 min. So.Pine

Design Crit: TPI-1995 (STD)

7.04.0001 SHEET:1 FL/-/3/-/-/R/-

Scale = .375"/Ft.

TC LL	20.0 PSF	REF	R487 - -	62674
TC DL	10.0 PSF	DATE	09/30/05	
BC DL	10.0 PSF	DRW	HCUSR487	0527302
BC LL	0.0 PSF	HC-ENG	JB/AF	
TOT.LD.	40.0 PSF	SEQN	39104	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	15QU487_Z02	

WARNING TRUSSES REQUIRE ERECTION CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLATION AND BRACING. PREPARE ALL BUILDING COMPONENTS CAREFULLY. INFORMATION PUBLISHED BY IPI TRUSS PLATE INSTITUTE, 503 BROADWAY, SUITE 200, MADISON, WI 53703, AND WCA, 4000 TRUSS COUNCIL OF AMERICA, 6200 ENTERPRISE LN., MADISON, WI 53705, 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

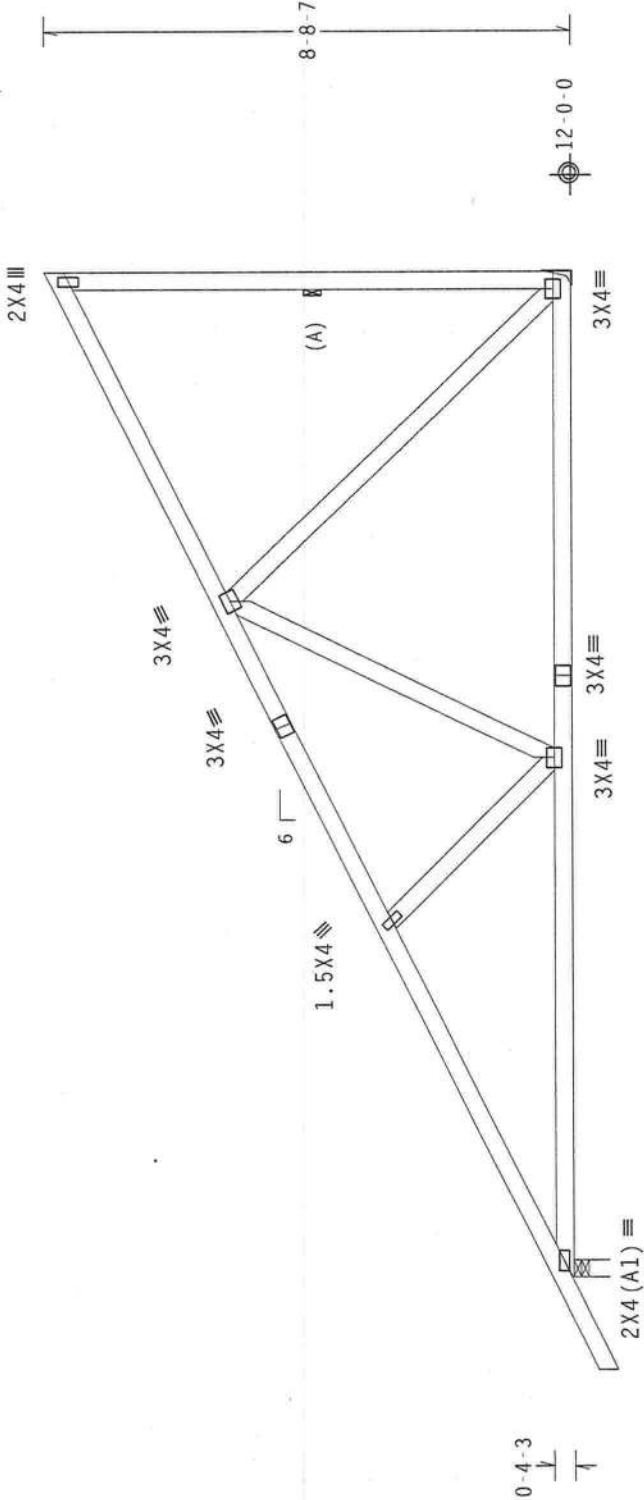
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 16.15 ft mean hgt., ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

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

Right end vertical not exposed to wind pressure.
(A) Continuous lateral bracing equally spaced on member.

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



R=650 U=461 H=Simpson LU26
w/ (4) 10d, 0.148"x1.5" nails in Truss
w/ (6) 10d Common, 0.148"x3.0" nails in Girder
Girder R=2X6 min. So.Pine

PLT TYP. Wave TPI	Design Crit: TPI-1995(STD)		7.04.08		TY:5		FL/-/3/-/-R/-		Scale =.3125"/Ft.	
	ALPINE		No. 59687		No. 59687		No. 59687		No. 59687	
ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		TC LL 20.0 PSF
ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		TC DL 10.0 PSF
ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		BC DL 10.0 PSF
ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		BC LL 0.0 PSF
ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		TOT.LD. 40.0 PSF
ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		DUR.FAC. 1.25
ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		SPACING 24.0"
ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		JREF- 150N487_Z02

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

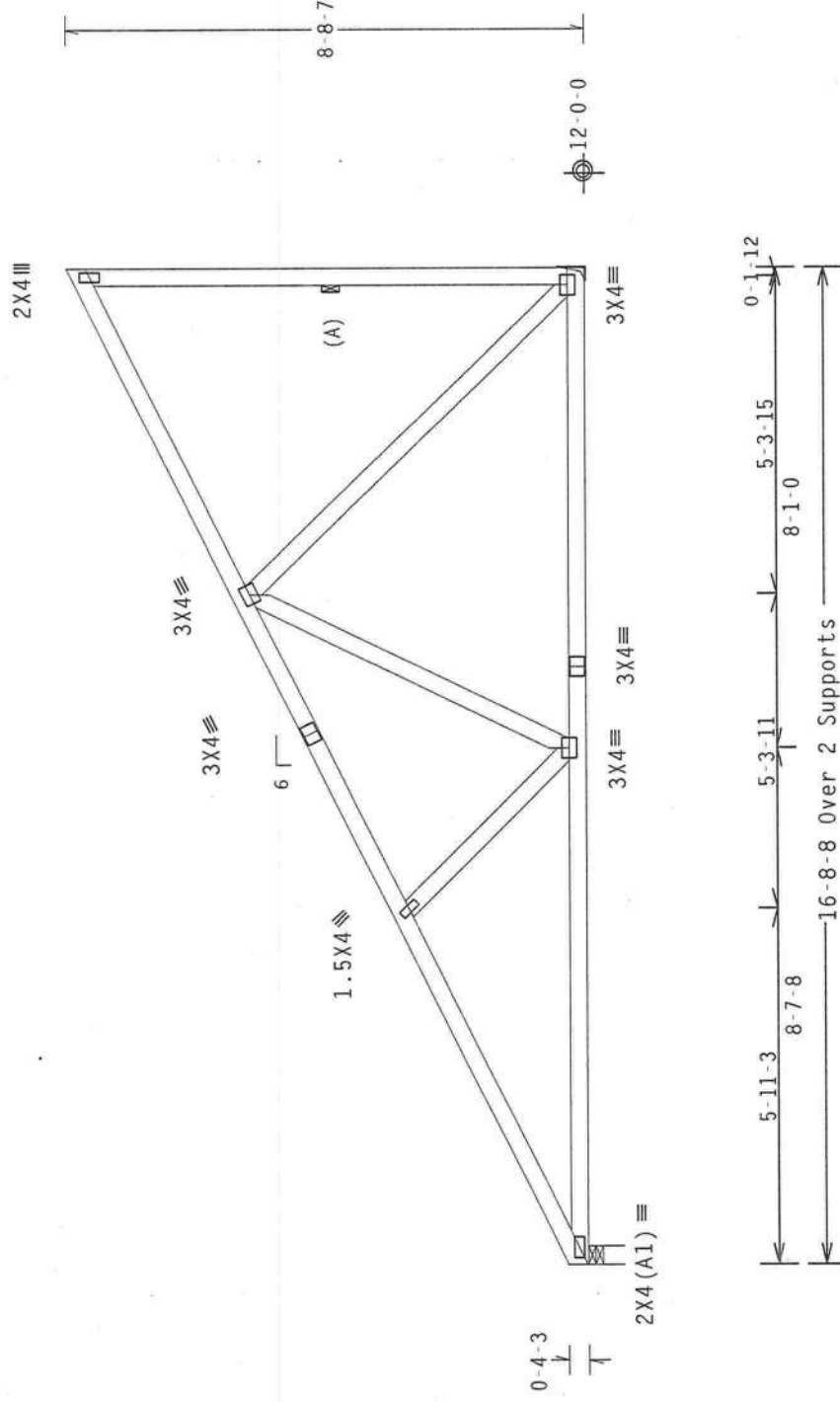
110 mph wind, 16.52 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

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

Right end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

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



R=680 H=311 W=3.5"

R=656 U=471 H=Simpson LU26
w/ (4) 10d, 0.148"x1.5" nails in Truss
w/ (6) 10d Common, 0.148"x3.0" nails in Girder
Girder Labeled 2x6 No. 2 So. Pine

PLT TYP. Wave TPI

Design Crit: TPI-1995 (STD)

7.04.08

Scale = .3125"/Ft.

REF R487-- 62676

DATE 09/30/05

DDI# "H09C8A07 050730000

URW HCUSR48/ 052/3026

HC-ENG JB/AF

SEON- 39694

JREF- 1S0W487 Z02

Source: *Journal of the American Statistical Association*, 1997, 92, 1037-1046.

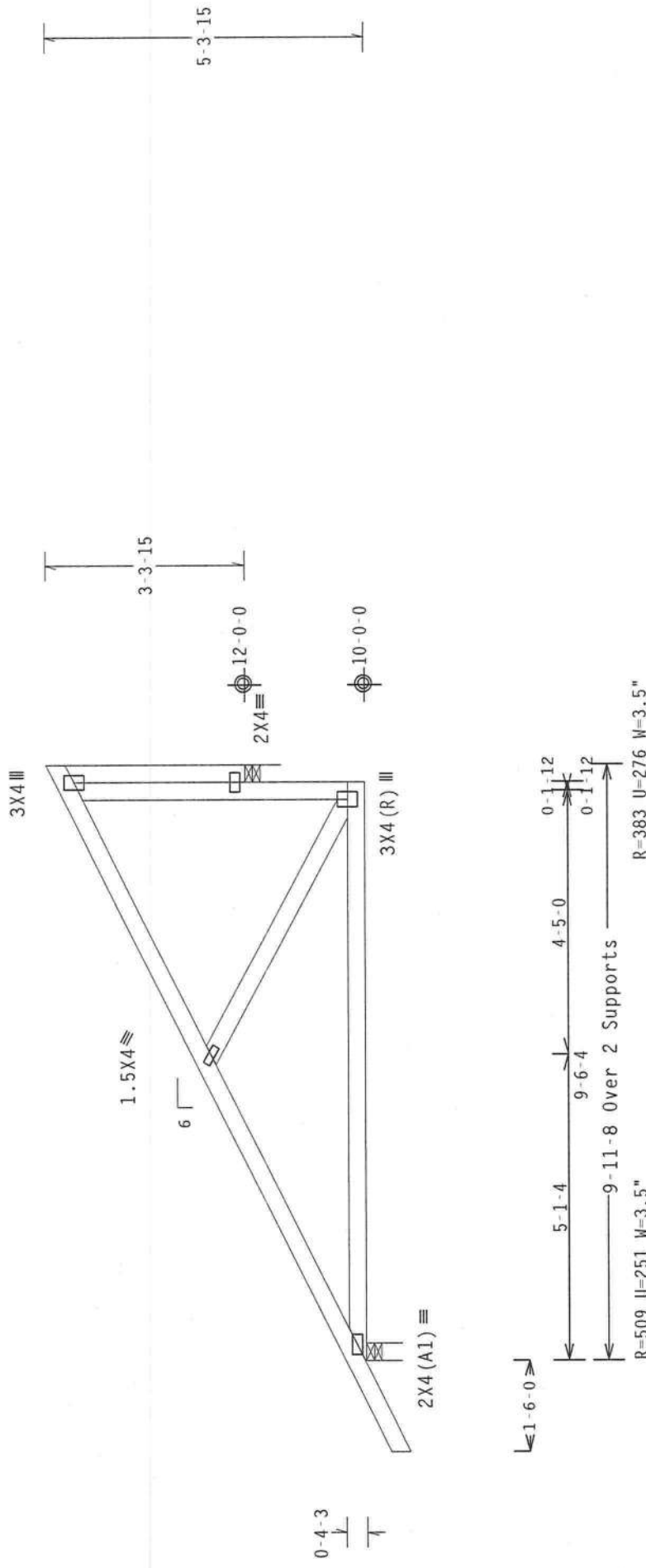
	Top	Bot	SP #2	Dense
chord	2x4	2x4	2x4	2x4
webs				

110 mph wind, 12.46 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

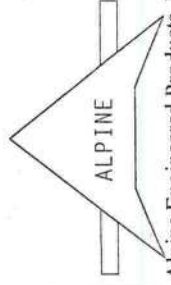
:Rt Bearing Leg 2x4 SP #3:

Right end vertical not exposed to wind pressure.

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



PLT TYP. Wave TPI



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1950 Marley Drive
Haines City, FL 33844

James City, FL 33844
FL Certificate of Authorization # 567

Design Crit: TPI-1995 (STD)

7.

人 : 8

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

Scale = .375"/Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST AVAILABLE COMPANY SPECIFICATIONS. PERFORMERS PLASTIC INSTITUTE, 5040 WILSON BLVD., WILSON, MD 21790. AMERICAN TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, WASHINGTON, DC 20015. (1-800-551-7819) AND AFCA, 6000 TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, WASHINGTON, DC 20015. (1-800-551-7819) 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 * * SUPPLY A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR AND THE ENGINEER FOR THESE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE THRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF THRUSSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MDS (HOMOLOG. SPEC. BY AFAPA) AND TPI'S DESIGN SPECIFICATION. ALL PLATES TO EACH FACE OF THRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-7. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ITEM X3 OF TPI-1209 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE THRUSS COMPONENT OF THIS DESIGN. (2) SHALL BE PER ITEM X3 OF TPI-1209 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE RELIABILITY OF THE BUILDING DESIGNER. PER ANSI/TPI SEC. 2.



SEP 30 '05

TC 11	20.0 PSF
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REF R487 -- 62677

TC DI 10 0 PSE

DATE 09/30/05

BC DI	10 0 PSE	DRW	HCUSR487	05273302
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DRW HCISRA87 05273027

BC 11 00 PSE

HC-ENG JB / AE

TOT ID	40 0 DCE
--------	----------

CEON- 20079

DUR FAC 1 25

SPACING 24 0"

JREF- 1S0W487 702

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

End verticals not exposed to wind pressure.

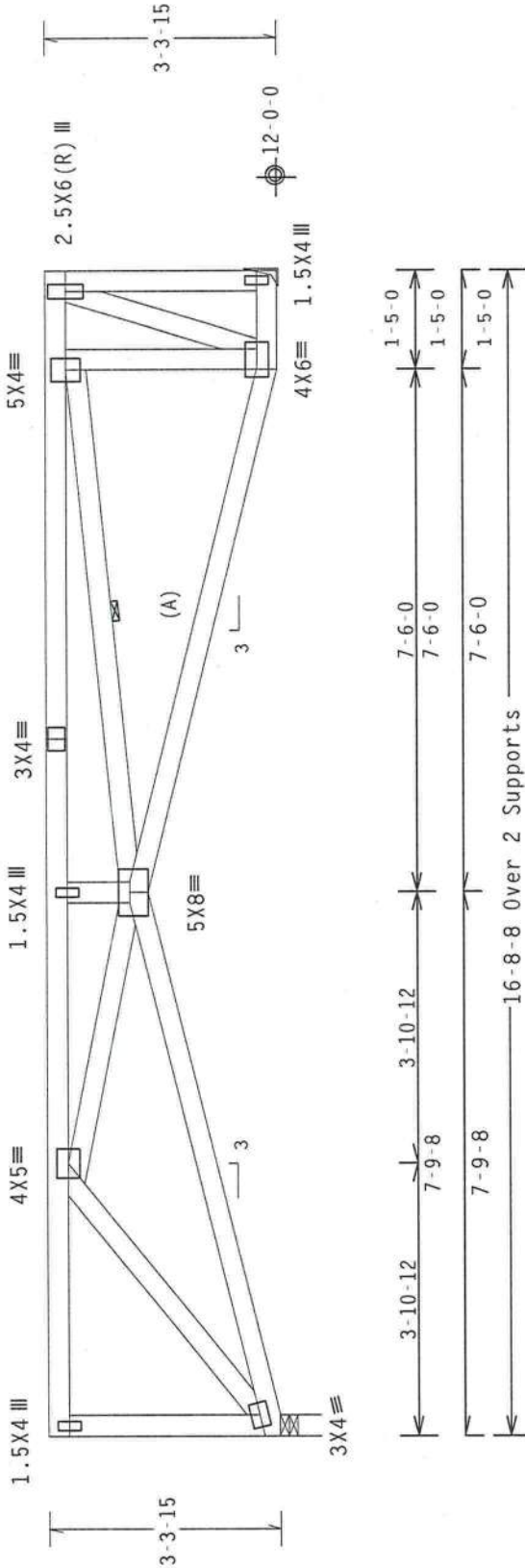
(A) Continuous lateral bracing equally spaced on member.

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

110 mph wind, 15.33 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

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

Provide for complete drainage of roof.



R=668 U=377 W=3.5"

R=668 U=378 H=Simpson LU26
w/ (4) 10d, 0.148"x1.5" nails in Truss
(6) 10d Common, 0.148"x3.0" nails in Girder
is (1)2X6 min. So.Pine

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)

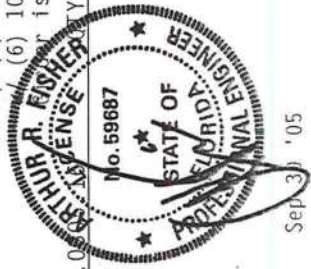
7.04.0

Scale =.375"/Ft.

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

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 3800 DUNDAS DR., SUITE 200, HAMILTON, ONTARIO, L8N 3R1, CANADA. TRUSS CONNECTIONS, UNLESS OTHERWISE INDICATED, SHALL BE MADE IN ACCORDANCE WITH THE TPI TRUSS CONNECTIONS. 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 ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI. ALPINE CONNECTION PLATES ARE MADE OF 2018/16GA (0.0156") A575 A653 GRADE 40/50 (U, K/4.5) 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 AISC A3 OF TPI-2002 SEC. 3. A SEAL ON THIS BEAMING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT 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.



TC LL	20.0 PSF	REF	R487--	62678
TC DL	10.0 PSF	DATE	09/30/05	
BC DL	10.0 PSF	DRW	HCUSR487	05273028
BC LL	0.0 PSF	HC-ENG	JB/AF	
TOT.LD.	40.0 PSF	SEON-	39144	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1SQW487_Z02	

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

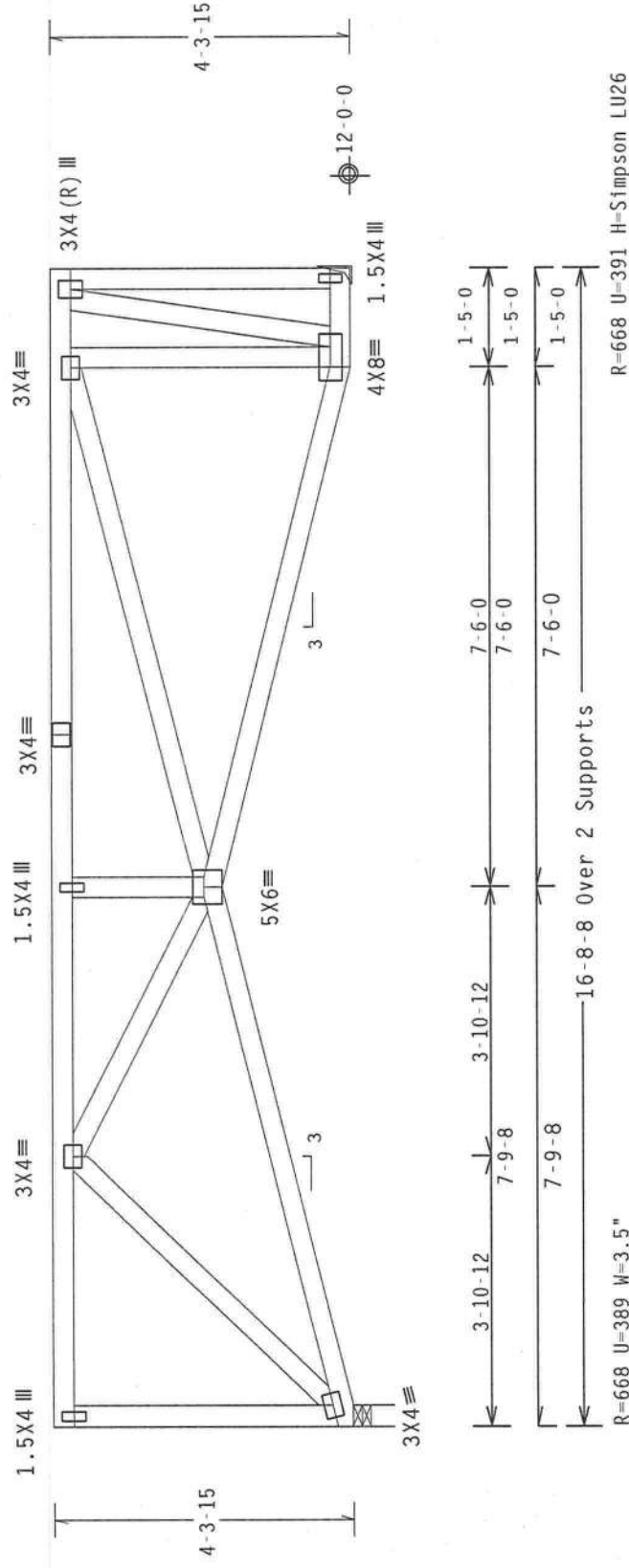
110 mph wind, 16.33 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

End verticals not exposed to wind pressure.

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

Provide for complete drainage of roof.

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



R=668 H=389 W=35"

R=668 U=391 H=Simpson LU26

w/ (4) 10d, 0.148"x1.5" nails in Truss
w/ (6) 10d Common, 0.148"x3.0" nails in Girder
Truss member is (1)2X6 min. So. Pine

Desian Crit: TPI-1995(STD)

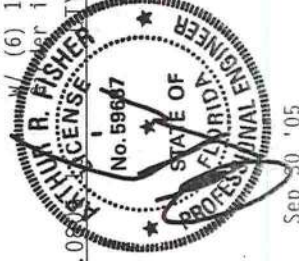
7.04.0804
PROPERTY:1 FL/-/3/-/-/R/-

Scale = .375"/Ft.

[illegible]

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

* * * IMPORTANT: * * * PLEASE PRINT A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERING, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THIS DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMANCE WITH THE PROVISIONS OF AISC 360, AISC 308, AISC 309, AISC 310, AISC 311, AISC 312, AISC 313, AISC 314, AISC 315, AISC 316, AISC 317, AISC 318, AISC 319, AISC 320, AISC 321, AISC 322, AISC 323, AISC 324, AISC 325, AISC 326, AISC 327, AISC 328, AISC 329, AISC 330, AISC 331, AISC 332, AISC 333, AISC 334, AISC 335, AISC 336, AISC 337, AISC 338, AISC 339, AISC 340, AISC 341, AISC 342, AISC 343, AISC 344, AISC 345, AISC 346, AISC 347, AISC 348, AISC 349, AISC 350, AISC 351, AISC 352, AISC 353, AISC 354, AISC 355, AISC 356, AISC 357, AISC 358, AISC 359, AISC 360, AISC 361, AISC 362, AISC 363, AISC 364, AISC 365, AISC 366, AISC 367, AISC 368, AISC 369, AISC 370, AISC 371, AISC 372, AISC 373, AISC 374, AISC 375, AISC 376, AISC 377, AISC 378, AISC 379, AISC 380, AISC 381, AISC 382, AISC 383, AISC 384, AISC 385, AISC 386, AISC 387, AISC 388, AISC 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50, 05 das

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

TC LL	20.0	PSF	REF	R487 --	62679
TC DL	10.0	PSF	DATE	09/30/05	
BC DL	10.0	PSF	DRW	HCUSR487	05273029
BC LL	0.0	PSF	HC-ENG	JB/AF	
TOT.LD.	40.0	PSF	SEQN-	39154	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	150W487_Z02	

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

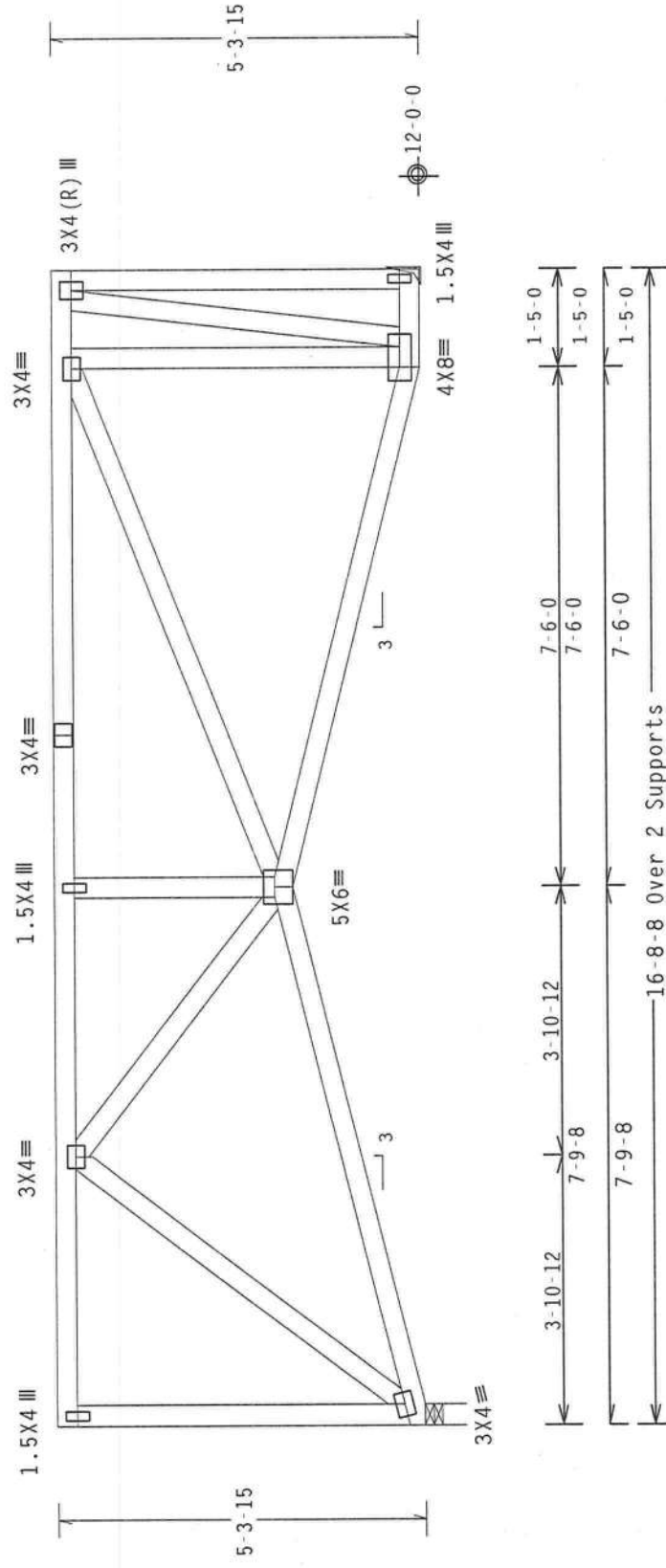
110 mph wind, 17.33 ft mean ht., ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

End verticals not exposed to wind pressure.

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

Provide for complete drainage of roof.

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



R=668 H=394 W=3.5"

R-668 U-396 H-Simpson LU26
w/ (4) 10d, 0.148"x1.5" na
6) 10d Common, 0.148"x
is (1)2X6 min So.P

PIT TYP Wave TPT
Design Crit: TPI-1995(STD)

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

Scale = .375"/Ft.

[illegible]

* **IMPORTANT:** YOU MUST HAVE A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERS
PROJECTS, INC. SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE
PRESS IN CONFORMANCE WITH THIS DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING & RAPING OF TROUSSES.
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF 905 (NATIONAL DESIGN SPEC. BY AISC), 906 (STEEL
CONSTRUCTION MANUAL, 10TH EDITION, 1989, BY AISC), 907 (STEEL DESIGN, 4TH EDITION, 1989, BY AISC),
APPLY TO EACH FACE OF TROUSSES AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2.
ANY INSPECTION OF PLATES, FOLLOWED BY (1) SHALL BE PER AREA X3 OF TPI-1/2002 SEC. 3.
BUILDING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TROUSSES COMING
FROM THE BUILDING. THIS IS NOT A COMMITMENT FOR ANY BUILDING. THE RESPONSIBILITY OF THE
BUILDING DESIGNER, PER AHS/1011, SEC. 2.



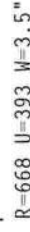
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

FL Certificate of Authorization # 567

TC LL	20.0 PSF	REF	R487 - -	62680
TC DL	10.0 PSF	DATE	09/30/05	
BC DL	10.0 PSF	DRW	HCUSR487	05273030
BC LL	0.0 PSF	HC-ENG	JB/AF	
TOT.LD.	40.0 PSF	SEQN-	39164	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	15QW487_Z02	

Provide for complete drainage of roof.

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

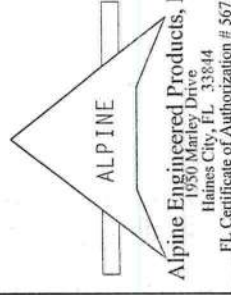


Design Crit: TPI-1995(STD)

PIT TYP. Wave TPI

Scale = .375" / Ft.

*WARNING** THUSSES REQUIRE EXTREME CARE IN FABRICATION, INSTALLATION, SHIPPING, INSTALLING AND DRIVING. REFER TO BEST PRACTICES (COMPLIANCE WITH) BY THUSSES PLATE INSTITUTE, 5001 W. 10TH AVE., SUITE 100, DENVER, CO 80202, TEL: 303.733.1500, WWW.THIUSSES.COM, FOR MORE INFORMATION. THE THUSSES COUNCIL OF AMERICA, 6200 ENTERPRISE LN., MADISON, WI 53719, TEL: 608.271.1100, WWW.THAUSSES.COM, PROVIDES ADDITIONAL BEST PRACTICES INFORMATION. UNLESS OTHERWISE ENTERPRISE IN THE TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED TOP CHORD CEILING.

[illegible]

FL. Certificate of Authorization # 567

Professional Engineer Seal for R. Fisher, State of Florida, License No. 59687, expires 12/31/05.

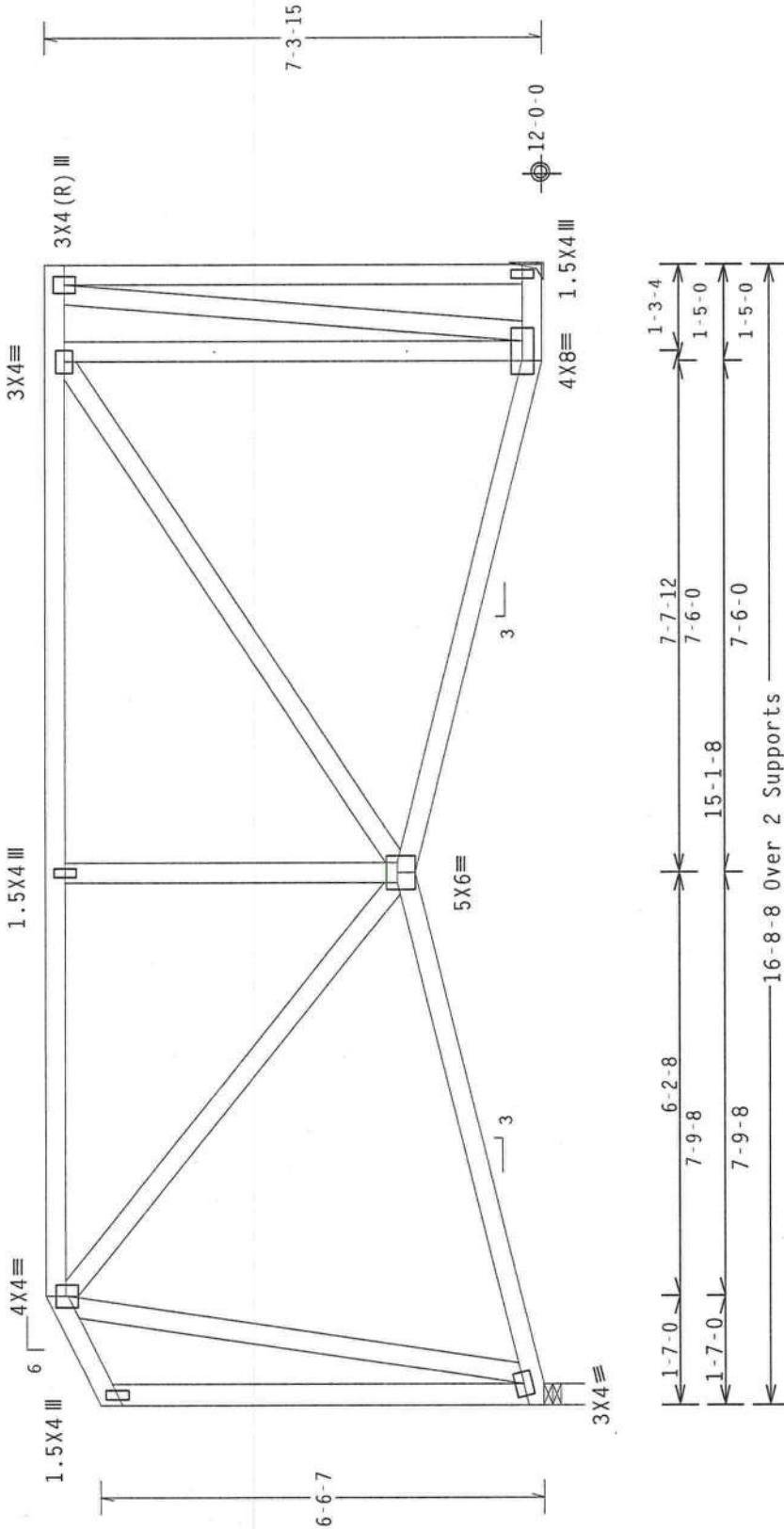
TC LL	20.0 PSF	REF R487 -- 62681
TC DL	10.0 PSF	DATE 09/30/05
BC DL	10.0 PSF	DRW HCUSR487 05273031
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	40.0 PSF	SEQN- 39172
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1S0W487_Z02

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

End verticals not exposed to wind pressure.
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.
Deflection meets L/360 live and L/240 total load.

110 mph wind, 18.93 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

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



R=668 U=378 W=3.5"

R=668 U=407 H=Simpson LU26
w/ (4) 10d, 0.148"x1.5" nails in Truss
w/ (6) 10d Common, 0.148"x3.0" nails in Girder
Order is (1)2X6 min. So.Pine

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)

7.04.09 R. FISHER
TY: 1 FL/-3/-/-R/-

Scale = .375"/Ft.

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

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, MI 53719) 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 AF&PA) AND TPI. ALPINE CONNECTION PLATES ARE MADE OF 2014/1666 (AL-17/57X) ALUMINUM 6063 GRADE 40/60 (AL-8/21.5) GALV. STEEL. APPLY 7 PLATES TO EACH FACE OF TRUSS AND ONE PLATE TO EACH END OF TRUSS. TRUSSES SHALL BE SEaled PER AF&PA SEAL OR THIS SEALING 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.

R. FISHER
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Sep 3 '05

TC LL	20.0 PSF	REF R487-- 62682
TC DL	10.0 PSF	DATE 09/30/05
BC DL	10.0 PSF	DRW HCUSR487 05273032
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	40.0 PSF	SEQN- 39195
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SQW487_Z02

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

End verticals not exposed to wind pressure.

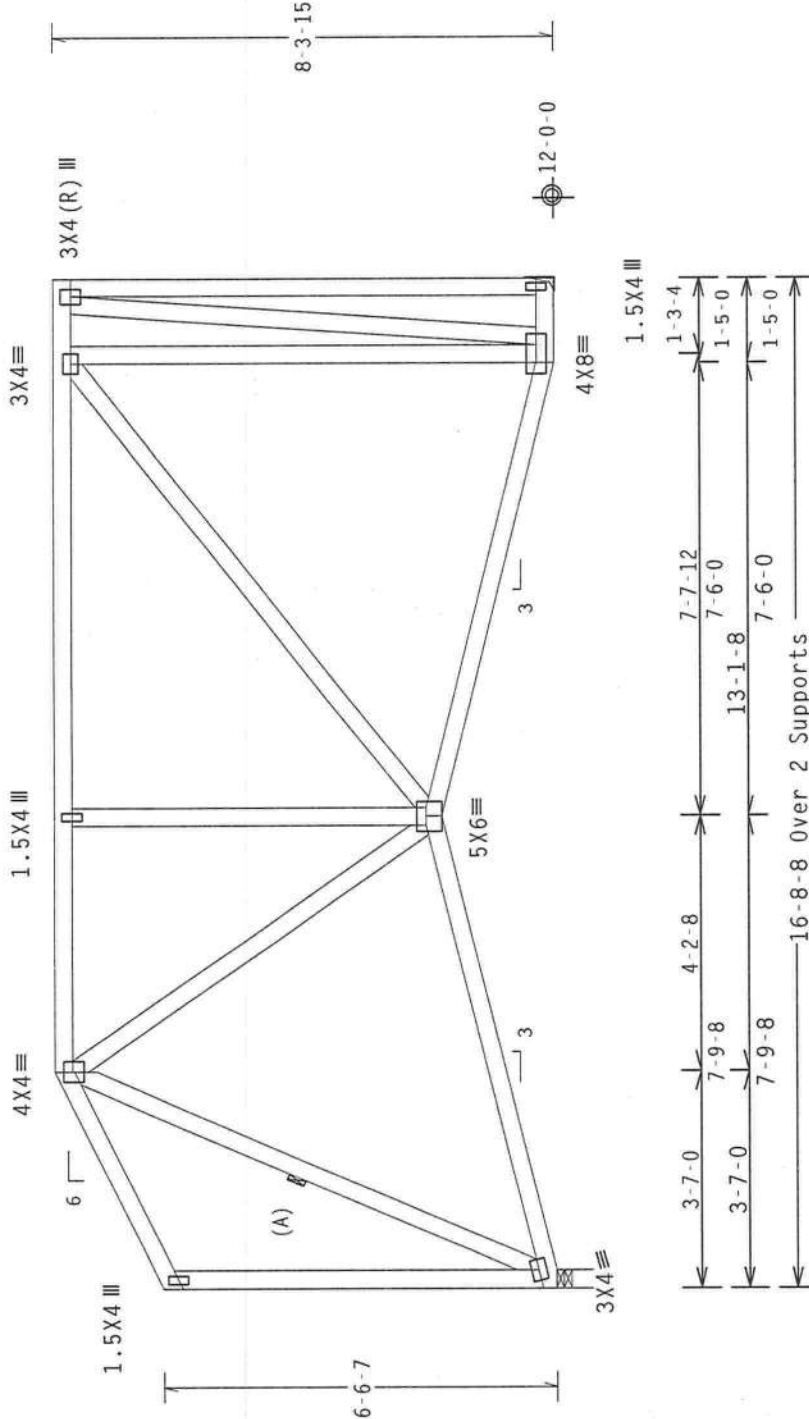
(A) Continuous lateral bracing equally spaced on member.

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

110 mph wind, 19.43 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

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

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



R=668 U=360 W=3.5"

R=668 U=426 H=Simpson LU26
w/ (4) 10d, 0.148"x1.5" nails in Truss
w/ (6) 10d Common, 0.148"x3.0" nails in Girder
Girder in. So.Pine

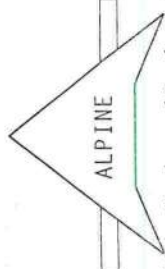
PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)

7.04.08 R. FISHER TY:1 FL/-/3/-/R/- Scale =.3125"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES FOR TRUSS CONSTRUCTION, INCLUDING THE TPI TRUSS PLATE INSTITUTE, 503 MADISON AVE, 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.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/10/1666 (9.4/5.5/8) ASTM A553 GRADE 40/60 (U. 8/PL.5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1000-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED AS OF TPI-2002 SEC.2.1. FOR THE INSPECTION OF THE TRUSS, DRAMING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY AND LIABILITY FOR THE DESIGN. BUILDING DESIGNER PER AMSI/TPI 1 SEC. 2.



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

FL Certificate of Authorization # 567



TC LL	20.0 PSF	REF	R487 -- 62683
TC DL	10.0 PSF	DATE	09/30/05
BC DL	10.0 PSF	DRW	HCUSR487 05273033
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	40.0 PSF	SEQN-	39188
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	150W487_Z02

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

End verticals not exposed to wind pressure.

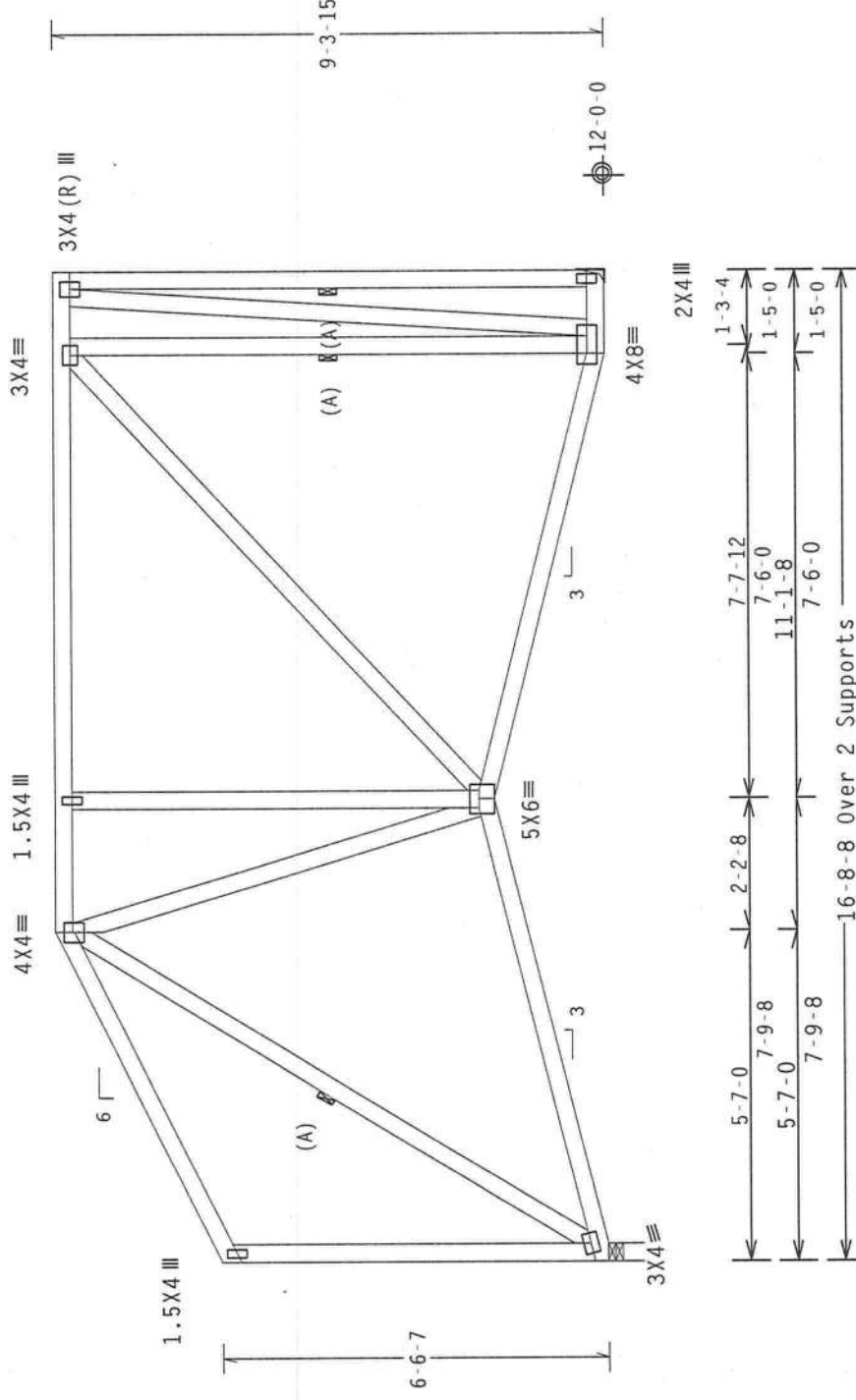
(A) Continuous lateral bracing equally spaced on member.

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

110 mph wind, 19.93 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

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

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



P=668 II=339 W=3 5"

R=668 U=447 H=Simpson LU26
w/ (4) 10d, 0.148"x1.5" nails in Truss
w/ (6) 10d, 0.148"x1.5" nails in Girder
Girder, Sill, Box Frame So. Pine

PIT TYP.: Wave TPI

Design Crit: TPI-1995 (STD)

7.04.08
PROPERTY: FL/-/3/-/-/R/-

Scale = .3125"/Ft.

REF R487 -- 62684

DATE 09/30/05

COLOC/CO 71YD

DRW HCU5R48/ 052/3034

HC-ENG JB/AF

SEQN- 39202

JREF- 1S0W487 Z02

****WARNING**** TROSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TROSS PULPIT INSTITUTE, 5935 N. D'AMORE 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 BRIGID CEILING.

*IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERING PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEFICIENCY FROM DESIGNING OR MANUFACTURING THESE TRUSSES IN CONFORMANCE WITH THE REQUIREMENTS OF THE NATIONAL DESIGN SPEC. BY AISC AND BRACING OF TRUSSES DESIGNER. ALL CABLE PROVISIONS OF THIS NATIONAL DESIGN SPEC. BY AISC AND BRACING OF TRUSSES DESIGNER PLATES ARE MADE OF 20X19/16GA. (8-10/16) ASTM A663 GRADE 40/60 (E, 70/15) GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE ASHIN ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. AN INSPECTION OF PLATES FOLLOWED BY (1). SHALL BE PER APRX AS OF 1/1/1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGNER SHOULD. THE SUFFICIENCY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE INCLUDING DESIGNER PER APRX101 SEC. 2.

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

FL Certificate of Authorization # 567

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

End verticals not exposed to wind pressure.

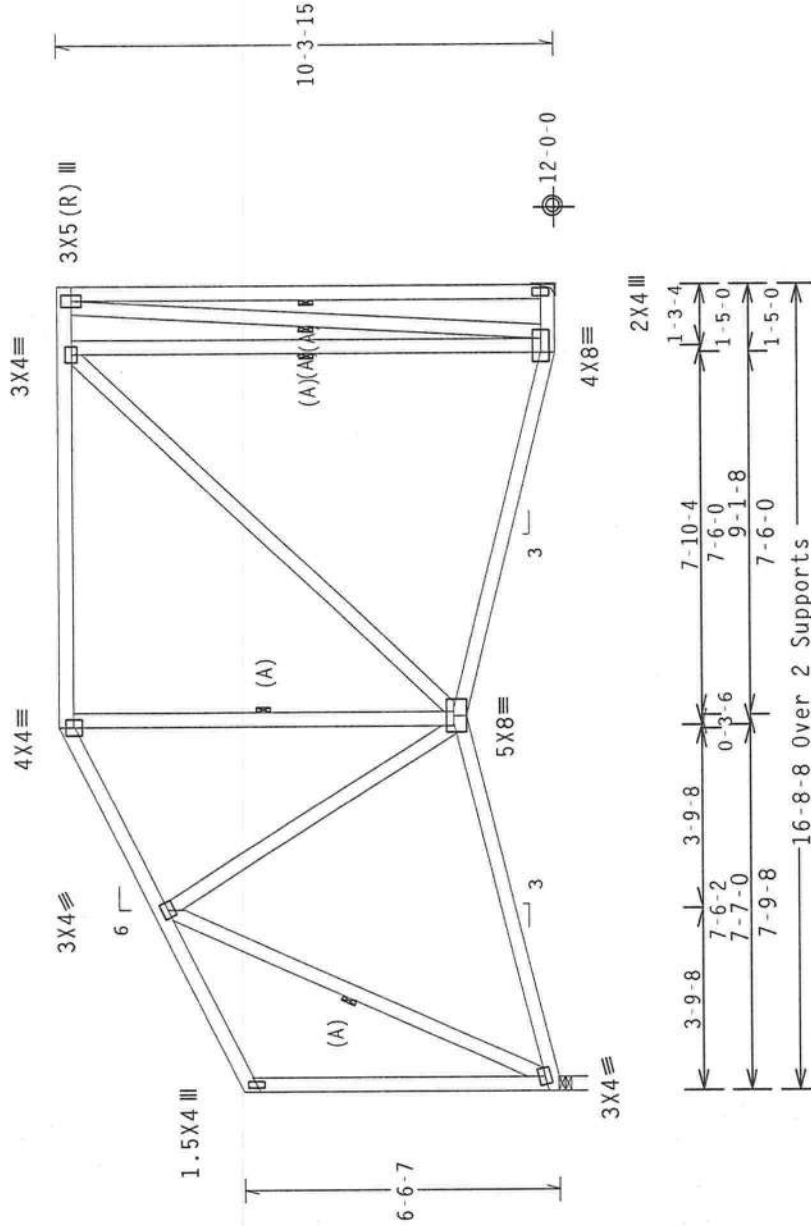
(A) Continuous lateral bracing equally spaced on member.

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

110 mph wind, 20.43 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

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

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



R=668 U=470 H=Simpson LU26
w/ (4) 10d, 0.148"x1.5" nails in Truss
w/ (6) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2x6 min. Spacing is 24" OC.

Design Crit: TPI-1995 (STD)

Scale = .25" / Ft.

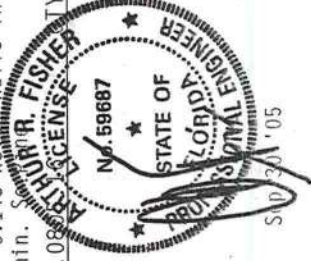
PLT TYP. Wave TPI



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1930 Nalley 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, 500 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6000 LEXINGTON BLVD., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE CONNECTIONS. THESE CONNECTIONS ARE 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. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTION PLATES ARE MADE OF 20/10/16GA (W/H/S/F) 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-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER A3 OF TPI-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT BUILDING DESIGNER. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TC LL	20.0 PSF	REF	R487 --	62685
TC DL	10.0 PSF	DATE	09/30/05	
BC DL	10.0 PSF	DRW	HCUSR487	05273035
BC LL	0.0 PSF	HC-ENG	JB/AF	
TOT.LD.	40.0 PSF	SEQN	39210	
DUR.FAC.	1.25			
SPACING	24.0"	JREF	150W487_Z02	

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

110 mph wind, 19.84 ft mean hgt., ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

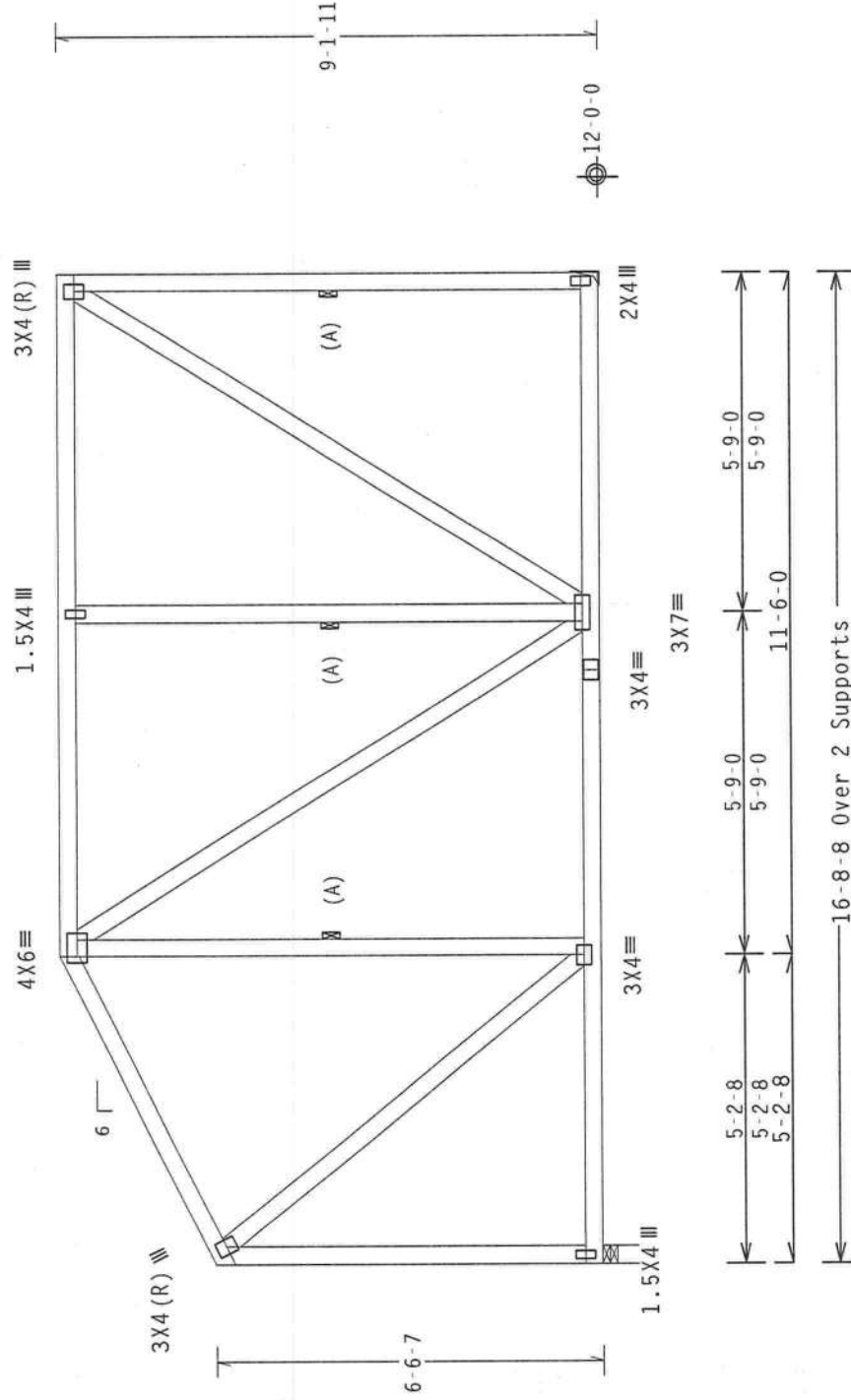
End verticals not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

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

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

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



R=668 H=345 W=3.5"

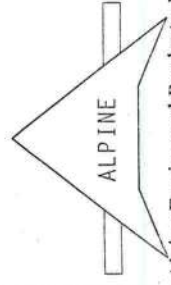
R=668 U=443 H=Simpson LU26
w/ (4) 10d, 0.148"x1.5" nails in Truss
w/ (6) 10d Common, 0.148"x3.0" nails in Girder
Girder ~~and~~ ~~in~~ ~~the~~ ~~in~~ So.Pine

PIT TYP. Wave TPI

Design Crit: TPI-1995 (STD)

Scale = .3125"/Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESS 1-03 (OUTLING COMPONENTS) FOR TRUSSING PLASTIC INSTITUTE, INC. PRACTICE (A-53719) AND APCA, AMERICAN TRUSS COUNCIL OF AMERICA, 6200 ENTERPRISE DRIVE, WASHINGTON (A-53719), FOR SAFETY PRACTICES PERTAINING TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED PLATE, CEILING.

[illegible]

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



Sep 30 '05

TC LL	20.0 PSF	REF	R487 --	62686
TC DL	10.0 PSF	DATE	09/30/05	
BC DL	10.0 PSF	DRW	HCUSR487	05273036
BC LL	0.0 PSF	HC-ENG	JB/AF	
TOT.LD.	40.0 PSF	SEQN-	39218	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	150W487	Z02

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

110 mph wind, 19.62 ft mean ht, ASCE 7-98, CLOSED bldg, located
anywhere in roof, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

End verticals not exposed to wind pressure.

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

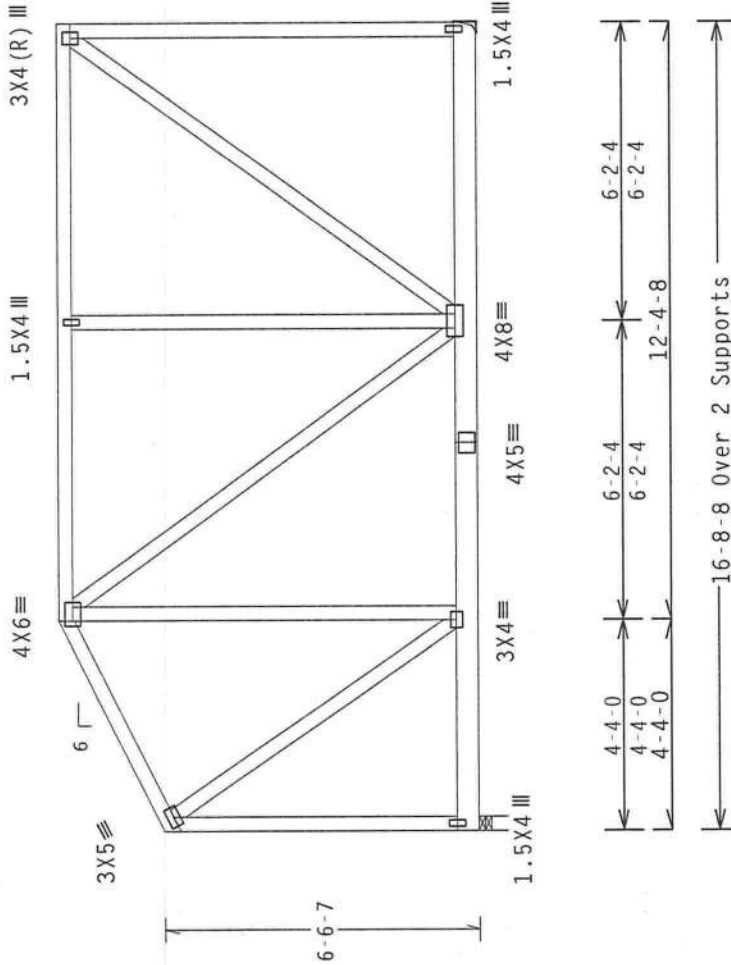
Girder supports 16-8-8 span to BC one face and 2-0-0 span to TC/BC split
opposite face.

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (10d Common (0.148"x3", min.) nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails
in each row to avoid splitting.

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

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



R=3077 U=1736 W=3.5"

R=3077 U=1736 H=Simpson HHUS28-2
w/ (8) 16d, 0.162"x2.5" nails in Truss
w/ (22) 16d, 0.162"x2.5" nails in Girder
Girder is (2)2X8 min. Spacing

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)

7.04.08

Scale = .25"/Ft.

 Alpine Engineering 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 BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONDORF 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, THE CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.		FL/1/-/3/-/-/R/-	TC LL	20.0	PSF	REF R487--	62687
	IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/AS) GALV. STEEL. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (IN-H/5/5) ASH A653 GRADE 40/60 (U. K/HL-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 AIA/AS 3.3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.		TC DL	10.0	PSF	DATE	09/30/05	
			BC DL	10.0	PSF	DRW	HCUSR487	05273037
			BC LL	0.0	PSF	HC-ENG	JB/AF	
			TOT.LD.	40.0	PSF	SEQN-	39252	
						DUR.FAC.	1.25	
		SPACING	24.0"					JREF- 1SQW487_Z02

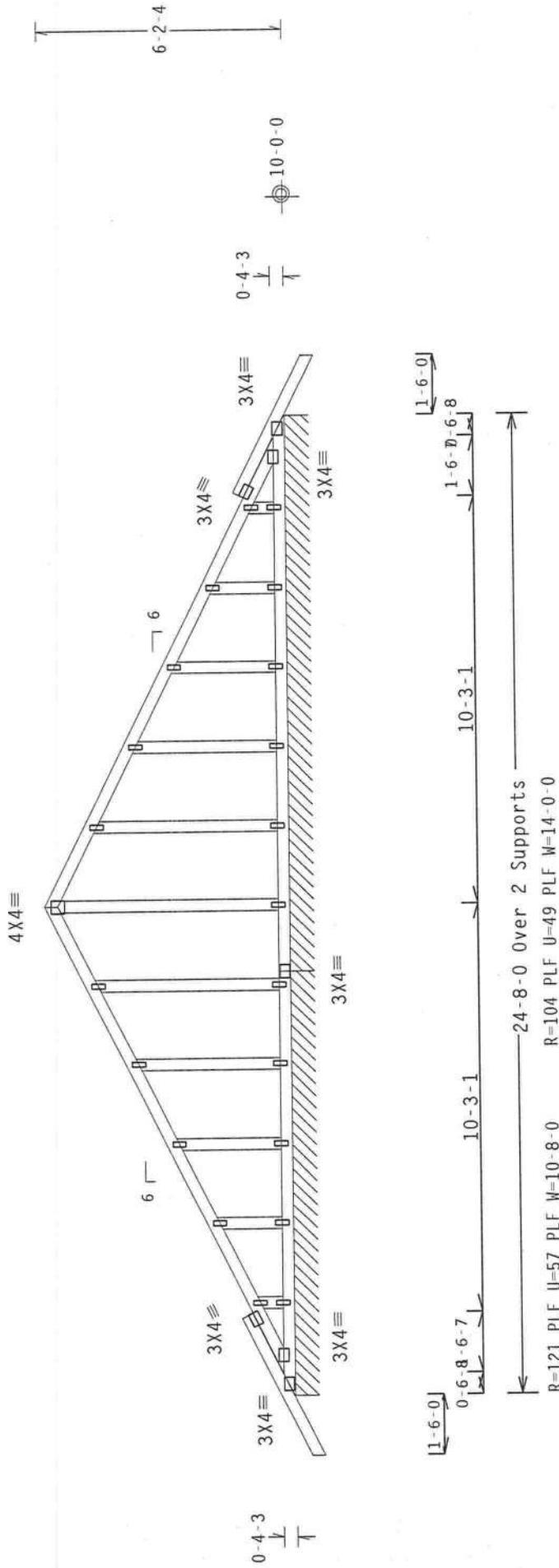
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

SPECIAL LOADS

TC - From	81 PLF at -1.50 to	81 PLF at 26.17
BC - From	4 PLF at -1.50 to	4 PLF at 0.00
BC - From	20 PLF at 0.00 to	20 PLF at 24.67
BC - From	4 PLF at 24.67 to	4 PLF at 26.17

110 mph wind, 12.89 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

See DWGS A11015EC1103 & GBLLET110405 for more requirements.
Deflection meets L/360 live and L/240 total load.



Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)

7.04.00

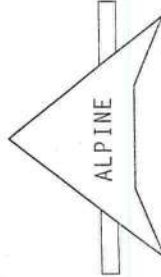
FL/-3/-1-/R/-

Scale = .25"/Ft.

TC LL	20.0 PSF	REF R487--	62688
TC DL	10.0 PSF	DATE	09/30/05
BC DL	10.0 PSF	DRW	HCUSR487 05273038
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	40.0 PSF	SEQN-	38925 REV
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SQW487_Z02

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, MI 53719) AND MTCA (WOOD TRUSS COUNCIL OF AMERICA, 6500 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**** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. THE USER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS IN CONFORMANCE WITH TPI. OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE 2005 ASCE 7-02, 8-02, 9-02, 10-02, 11-02, 12-02, 13-02, 14-02, 15-02, 16-02, 17-02, 18-02, 19-02, 20-02, 21-02, 22-02, 23-02, 24-02, 25-02, 26-02, 27-02, 28-02, 29-02, 30-02, 31-02, 32-02, 33-02, 34-02, 35-02, 36-02, 37-02, 38-02, 39-02, 40-02, 41-02, 42-02, 43-02, 44-02, 45-02, 46-02, 47-02, 48-02, 49-02, 50-02, 51-02, 52-02, 53-02, 54-02, 55-02, 56-02, 57-02, 58-02, 59-02, 60-02, 61-02, 62-02, 63-02, 64-02, 65-02, 66-02, 67-02, 68-02, 69-02, 70-02, 71-02, 72-02, 73-02, 74-02, 75-02, 76-02, 77-02, 78-02, 79-02, 80-02, 81-02, 82-02, 83-02, 84-02, 85-02, 86-02, 87-02, 88-02, 89-02, 90-02, 91-02, 92-02, 93-02, 94-02, 95-02, 96-02, 97-02, 98-02, 99-02, 100-02. A SEAL ON THIS DESIGN INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT BUILDING DESIGNED PER ANSI/TPI 1 SEC. 2.



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

FL Certificate of Authorization # 567

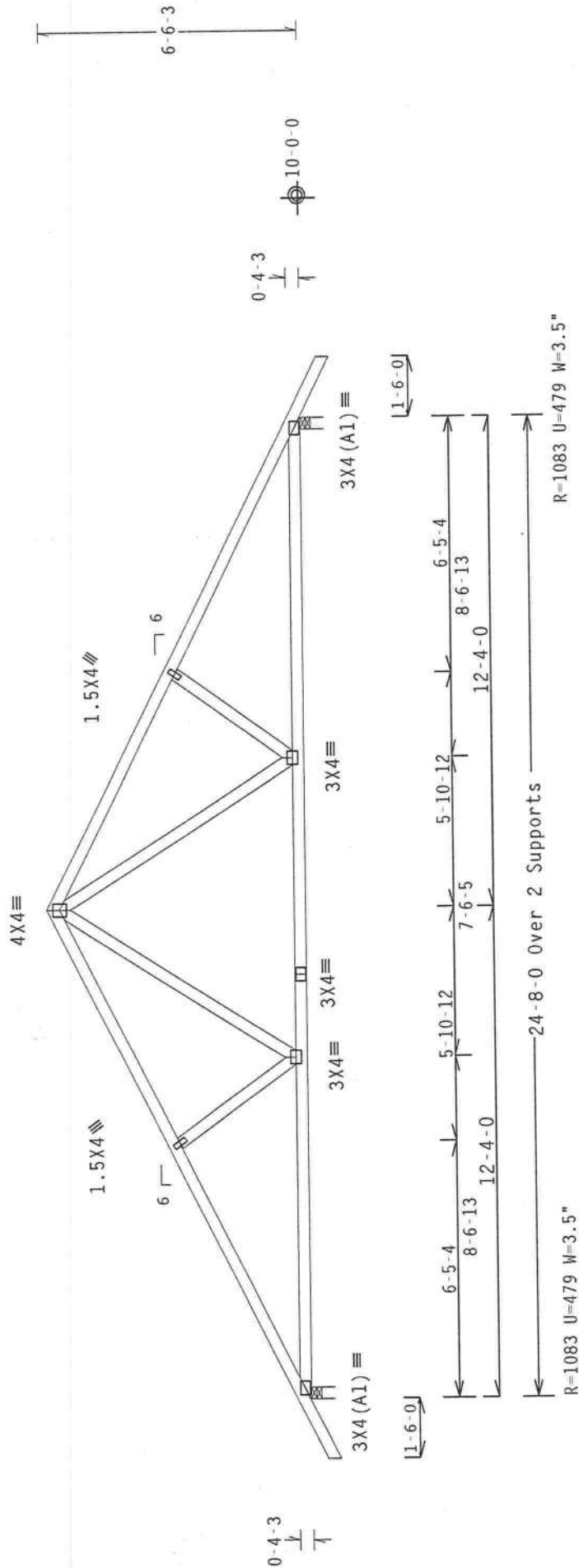


Sep 30 '05

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

110 mph wind, 13.06 ft mean hgt, ASCE 7-98, CLOSED bldg, Located
anywhere in roof, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0
psf.

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



PLT TYP. Wave TPI

Design Crit: TPI-1995 (STD)

7.04.08 R.Y.13 FL/-/3/-/R/-

Scale = .25"/Ft.

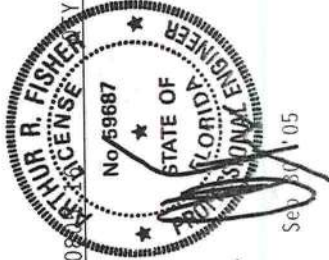
ALPINE

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1950 Mauley Drive
Haines City, FL 33844

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****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO FOLLOW THE TRUSS IN CONFORMANCE WITH TPI-1995 (STD) OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF THE TRUSS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (H000 TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, MI 48071) 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 FOLLOW THE TRUSS IN CONFORMANCE WITH TPI-1995 (STD) OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF THE TRUSS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (H000 TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, MI 48071) 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.



TC LL	20.0 PSF	REF	R487-- 62689
TC DL	10.0 PSF	DATE	09/30/05
BC DL	10.0 PSF	DRW	HCUSR487 05273008
BC LL	0.0 PSF	HC-ENG	JB/AF *
TOT.LD.	40.0 PSF	SEQN-	38918
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SQW487_Z02

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

SPECIAL LOADS

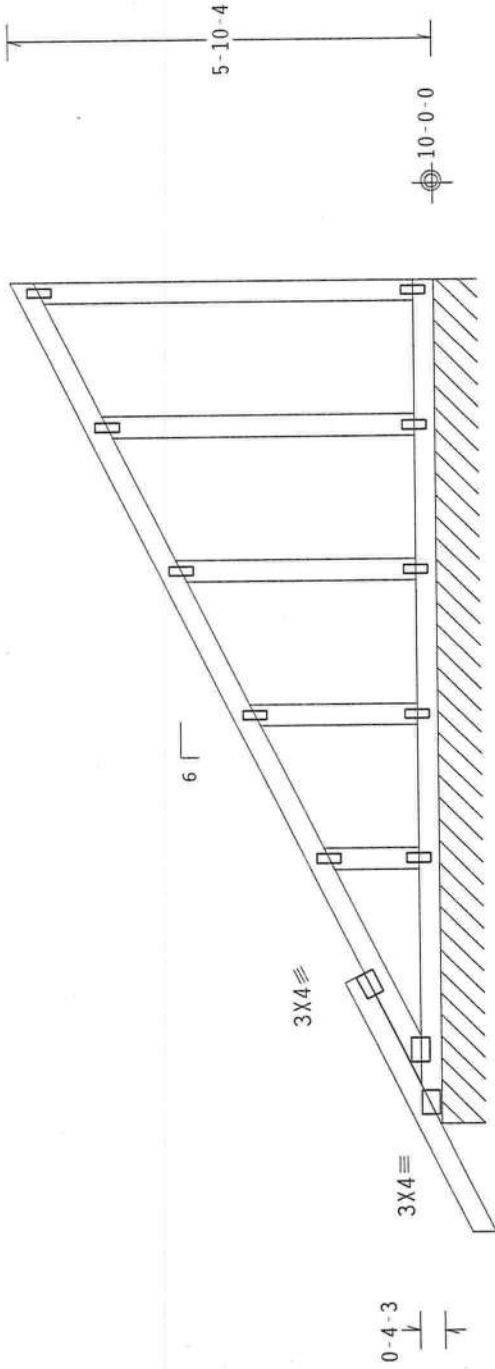
----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 81 PLF at 1.50 to 81 PLF at 11.67
BC - From 4 PLF at 1.50 to 4 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 11.67

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

110 mph wind, 12.73 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

Right end vertical not exposed to wind pressure.

See DWGS A11015EC1103 & GBLLETIN0405 for more requirements.



Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)

7.04.08

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

Scale = .375" / Ft.

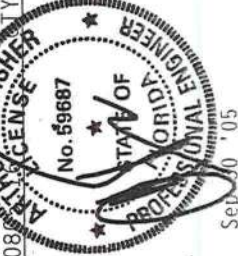
ALPINE

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

FL Certificate of Authorization # 567

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC61 1-03 (BUILDING CODES) FOR SPECIFIC REQUIREMENTS. PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 583 D'ORFORD DR., SUITE 200, WILSON, NC 27157-1010 AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., WILSON, NC 27157-1010) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (AISC 360), AISC 360M, AISC 360S, AISC 360T, AISC 360U, AISC 360V, AISC 360W, AISC 360X, AISC 360Y, AISC 360Z, AISC 360AA, AISC 360AB, AISC 360AC, AISC 360AD, AISC 360AE, AISC 360AF, AISC 360AG, AISC 360AH, AISC 360AI, AISC 360AJ, AISC 360AK, AISC 360AL, AISC 360AM, AISC 360AN, AISC 360AO, AISC 360AP, AISC 360AQ, AISC 360AR, AISC 360AS, AISC 360AT, AISC 360AU, AISC 360AV, AISC 360AW, AISC 360AX, AISC 360AY, AISC 360AZ, AISC 360BA, AISC 360BB, AISC 360BC, AISC 360BD, AISC 360BE, AISC 360BF, AISC 360BG, AISC 360BH, AISC 360BI, AISC 360BJ, AISC 360BK, AISC 360BL, AISC 360BM, AISC 360BN, AISC 360BO, AISC 360BP, AISC 360BQ, AISC 360BR, AISC 360BS, AISC 360BT, AISC 360BU, AISC 360BV, AISC 360BW, AISC 360BX, AISC 360BY, AISC 360BZ, AISC 360CA, AISC 360CB, AISC 360CC, AISC 360CD, AISC 360CE, AISC 360CF, AISC 360CG, AISC 360CH, AISC 360CI, AISC 360CJ, AISC 360CK, AISC 360CL, AISC 360CM, AISC 360CN, AISC 360CO, AISC 360CP, AISC 360CQ, AISC 360CR, AISC 360CS, AISC 360CT, AISC 360CU, AISC 360CV, AISC 360CW, AISC 360CX, AISC 360CY, AISC 360CZ, AISC 360DA, AISC 360DB, AISC 360DC, AISC 360DD, AISC 360DE, AISC 360DF, AISC 360DG, AISC 360DH, AISC 360DI, AISC 360DJ, AISC 360DK, AISC 360DL, AISC 360DM, AISC 360DN, AISC 360DO, AISC 360DP, AISC 360DQ, AISC 360DR, AISC 360DS, AISC 360DT, AISC 360DU, AISC 360DV, AISC 360DW, AISC 360DX, AISC 360DY, AISC 360DZ, AISC 360EA, AISC 360EB, AISC 360EC, AISC 360ED, AISC 360EE, AISC 360EF, AISC 360EG, AISC 360EH, AISC 360EI, AISC 360EJ, AISC 360EK, AISC 360EL, AISC 360EM, AISC 360EN, AISC 360EO, AISC 360EP, AISC 360EQ, AISC 360ER, AISC 360ES, AISC 360ET, AISC 360EU, AISC 360EV, AISC 360EW, AISC 360EX, AISC 360EY, AISC 360EZ, AISC 360FA, AISC 360FB, AISC 360FC, AISC 360FD, AISC 360FE, AISC 360FF, AISC 360FG, AISC 360FH, AISC 360FI, AISC 360FJ, AISC 360FK, AISC 360FL, AISC 360FM, AISC 360FN, AISC 360FO, AISC 360FP, AISC 360FQ, AISC 360FR, AISC 360FS, AISC 360FT, AISC 360FU, AISC 360FV, AISC 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360JB, AISC 360JC, AISC 360JD, AISC 360JE, AISC 360JF, AISC 360JG, AISC 360JH, AISC 360JI, AISC 360JJ, AISC 360JK, AISC 360JL, AISC 360JM, AISC 360JN, AISC 360JO, AISC 360JP, AISC 360JQ, AISC 360JR, AISC 360JS, AISC 360JT, AISC 360JU, AISC 360JV, AISC 360JW, AISC 360JX, AISC 360JY, AISC 360JZ, AISC 360KA, AISC 360KB, AISC 360KC, AISC 360KD, AISC 360KE, AISC 360KF, AISC 360KG, AISC 360KH, AISC 360KI, AISC 360KJ, AISC 360KL, AISC 360KM, AISC 360KN, AISC 360KO, AISC 360KP, AISC 360KQ, AISC 360KR, AISC 360KS, AISC 360KT, AISC 360KU, AISC 360KV, AISC 360KW, AISC 360KX, AISC 360KY, AISC 360KZ, AISC 360LA, AISC 360LB, AISC 360LC, AISC 360LD, AISC 360LE, AISC 360LF, AISC 360LG, AISC 360LH, AISC 360LI, AISC 360LJ, AISC 360LK, AISC 360LL, AISC 360LM, AISC 360LN, AISC 360LO, AISC 360LP, AISC 360LQ, AISC 360LR, AISC 360LS, AISC 360LT, AISC 360LU, AISC 360LV, AISC 360LW, AISC 360LX, AISC 360LY, AISC 360LZ, AISC 360MA, AISC 360MB, AISC 360MC, AISC 360MD, AISC 360ME, AISC 360MF, AISC 360MG, AISC 360MH, AISC 360MI, AISC 360MJ, AISC 360MK, AISC 360ML, AISC 360MM, AISC 360MN, AISC 360MO, AISC 360MP, AISC 360MQ, AISC 360MR, AISC 360MS, AISC 360MT, AISC 360MU, AISC 360MV, AISC 360MW, AISC 360MX, AISC 360MY, AISC 360MZ, AISC 360NA, AISC 360NB, AISC 360NC, AISC 360ND, AISC 360NE, AISC 360NF, AISC 360NG, AISC 360NH, AISC 360NI, AISC 360NJ, AISC 360NK, AISC 360NL, AISC 360NM, AISC 360NN, AISC 360NO, AISC 360NP, AISC 360NQ, AISC 360NR, AISC 360NS, AISC 360NT, AISC 360NU, AISC 360NV, AISC 360NW, AISC 360NX, AISC 360NY, AISC 360NZ, AISC 360OA, AISC 360OB, AISC 360OC, AISC 360OD, AISC 360OE, AISC 360OF, AISC 360OG, AISC 360OH, AISC 360OI, AISC 360OJ, AISC 360OK, AISC 360OL, AISC 360OM, AISC 360ON, AISC 360OO, AISC 360OP, AISC 360OQ, AISC 360OR, AISC 360OS, AISC 360OT, AISC 360OU, AISC 360OV, AISC 360OW, AISC 360OX, AISC 360OY, AISC 360OZ, AISC 360PA, AISC 360PB, AISC 360PC, AISC 360PD, AISC 360PE, AISC 360PF, AISC 360PG, AISC 360PH, AISC 360PI, AISC 360PJ, AISC 360PK, AISC 360PL, AISC 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360SR, AISC 360SS, AISC 360ST, AISC 360SU, AISC 360SV, AISC 360SW, AISC 360SX, AISC 360SY, AISC 360SZ, AISC 360TA, AISC 360TB, AISC 360TC, AISC 360TD, AISC 360TE, AISC 360TF, AISC 360TG, AISC 360TH, AISC 360TI, AISC 360TJ, AISC 360TK, AISC 360TL, AISC 360TM, AISC 360TN, AISC 360TO, AISC 360TP, AISC 360TQ, AISC 360TR, AISC 360TS, AISC 360TT, AISC 360TU, AISC 360TV, AISC 360TW, AISC 360TX, AISC 360TY, AISC 360TZ, AISC 360UA, AISC 360UB, AISC 360UC, AISC 360UD, AISC 360UE, AISC 360UF, AISC 360UG, AISC 360UH, AISC 360UI, AISC 360UJ, AISC 360UK, AISC 360UL, AISC 360UM, AISC 360UN, AISC 360UO, AISC 360UP, AISC 360UQ, AISC 360UR, AISC 360US, AISC 360UT, AISC 360UU, AISC 360UV, AISC 360UW, AISC 360UX, AISC 360UY, AISC 360UZ, AISC 360VA, AISC 360VB, AISC 360VC, AISC 360VD, AISC 360VE, AISC 360VF, AISC 360VG, AISC 360VH, AISC 360VI, AISC 360VJ, AISC 360VK, AISC 360VL, AISC 360VM, AISC 360VN, AISC 360VO, AISC 360VP, AISC 360VQ, AISC 360VR, AISC 360VS, AISC 360VT, AISC 360VU, AISC 360VV, AISC 360VW, AISC 360VX, AISC 360VY, AISC 360VZ, AISC 360WA, AISC 360WB, AISC 360WC, AISC 360WD, AISC 360WE, AISC 360WF, AISC 360WG, AISC 360WH, AISC 360WI, AISC 360WJ, AISC 360WK, AISC 360WL, AISC 360WM, AISC 360WN, AISC 360WO, AISC 360WP, AISC 360WQ, AISC 360WR, AISC 360WS, AISC 360WT, AISC 360WU, AISC 360WV, AISC 360WW, AISC 360WX, AISC 360WY, AISC 360WZ, AISC 360XA, AISC 360XB, AISC 360XC, AISC 360XD, AISC 360XE, AISC 360XF, AISC 360XG, AISC 360XH, AISC 360XI, AISC 360XJ, AISC 360XK, AISC 360XL, AISC 360XM, AISC 360XN, AISC 360XO, AISC 360XP, AISC 360XQ, AISC 360XR, AISC 360XS, AISC 360XT, AISC 360XU, AISC 360XV, AISC 360XW, AISC 360XX, AISC 360XY, AISC 360XZ, AISC 360YA, AISC 360YB, AISC 360YC, AISC 360YD, AISC 360YE, AISC 360YF, AISC 360YG, AISC 360YH, AISC 360YI, AISC 360YJ, AISC 360YK, AISC 360YL, AISC 360YM, AISC 360YN, AISC 360YO, AISC 360YP, AISC 360YQ, AISC 360YR, AISC 360YS, AISC 360YT, AISC 360YU, AISC 360YV, AISC 360YW, AISC 360YX, AISC 360YY, AISC 360YZ, AISC 360ZA, AISC 360ZB, AISC 360ZC, AISC 360ZD, AISC 360ZE, AISC 360ZF, AISC 360ZG, AISC 360ZH, AISC 360ZI, AISC 360ZJ, AISC 360ZK, AISC 360ZL, AISC 360ZM, AISC 360ZN, AISC 360ZO, AISC 360ZP, AISC 360ZQ, AISC 360ZR, AISC 360ZS, AISC 360ZT, AISC 360ZU, AISC 360ZV, AISC 360ZW, AISC 360ZX, AISC 360ZY, AISC 360ZZ



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

JREF- 1SQW487_Z02

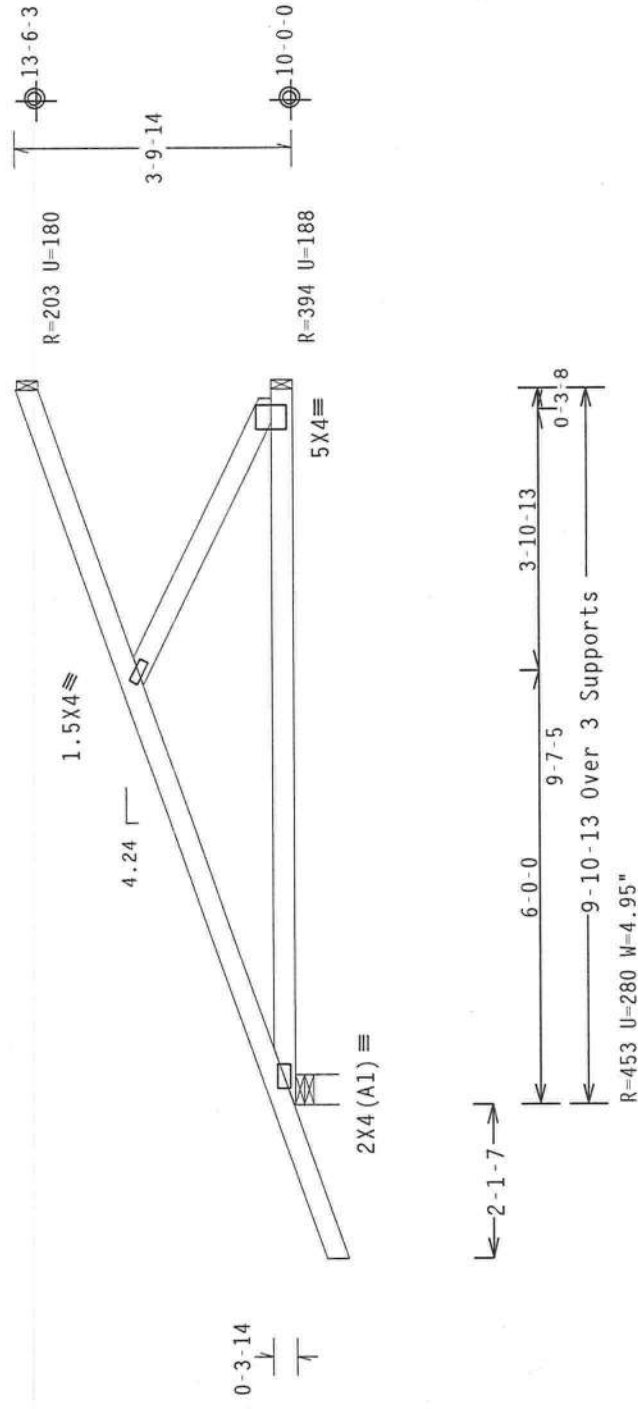
	Top	Bot	Dense
chord	2x4	2x4	#2
chord	2x4	2x4	#2
webs	2x4	2x4	#3

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

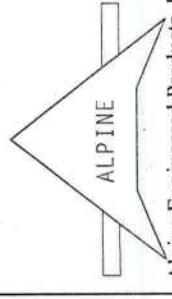
Hipjack supports 7-0-0 setback jacks with no webs.

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

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



PLT TYP. Wave TPI



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

Design Crit: TPI-1995(STD)

WARNING* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., P.O. BOX 100, SUITE 200, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, 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 FRIEDL CELLING.

****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 OR BUILDING PROCESS IN COMPLIANCE WITH THE PROVISIONS OF THIS NATIONAL DESIGN SPEC. BY AEPAD AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2010/19606 (AL-6061/62) ALUMINUM GRADE 4030/60 (H, K/H-53) GULV. STEEL. PLATES TO EACH FACE OF THOUS AND. THIS POSITION, POSITION PER DRAWINGS 160A-7. ANY INSPECTION OF PLATES FOLLOWED BY (U) SHALL BE PER ANNEX 45 OF TPI-2002 SEC.3. SCRAMMING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEER RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

7.04.09

TY: 2 FL / - / 3 / - / - / R / -

	TC LL	20.0	PSF	REF R487 - - 62691
	TC DL	10.0	PSF	DATE 09/30/05
	BC DL	10.0	PSF	DRW HCUSR487 05273055
	BC LL	0.0	PSF	HC-ENG JB/AF
	TOT.LD.	40.0	PSF	SEQN - 38983
	DUR.FAC.	1.25		
SPACING			24.0 "	JREF - 150W487_Z02

Sep 30 '05

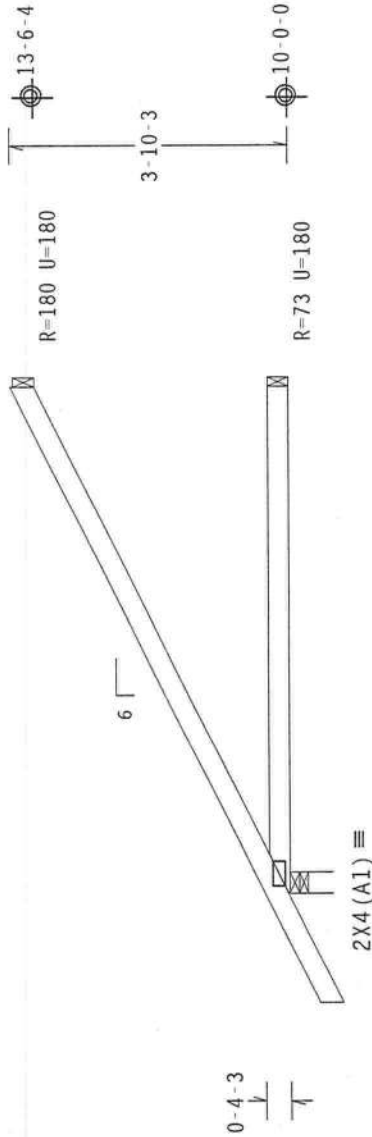
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

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

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

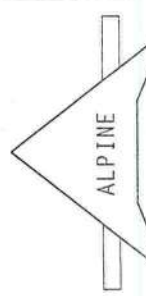
7-0-0 Over 3 Supports
R=403 U=205 W=3.5"

PLT TYP. Wave TPI

Design Crit: TPI-1995 (STD)

7.04.00

Scale = .375" / Ft.

 Alpine Engineering Products, Inc. 1950 Marley Drive Haines City, FL 33844 FL Certificate of Authorization # 567	No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER SEAL 06 '05			TY: 37 FL / - / 3 / - / - / R / -			REF R487 - - 62692					
				TC LL 20.0 PSF			DATE 09/30/05					
				TC DL 10.0 PSF			DRW HCUSR487 05273040					
				BC DL 10.0 PSF			HC-ENG JB/AF					
				BC LL 0.0 PSF			SEQN - 38950					
				TOT.LD. 40.0 PSF								
				DUR.FAC. 1.25								
				SPACING 24.0"			JREF- 1SQW487_Z02					

****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 NCA (NATIONAL 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.

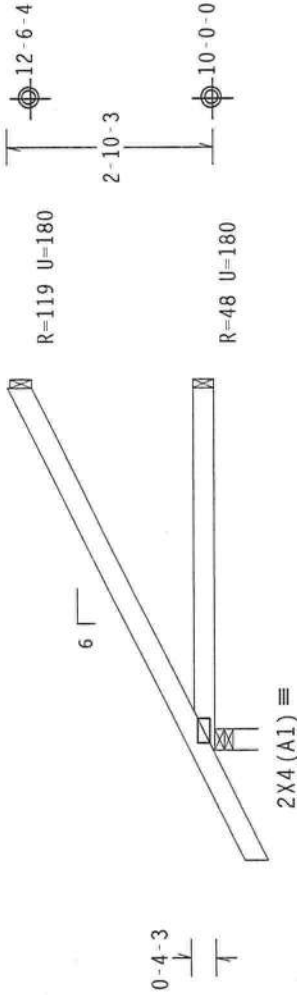
****IMPORTANT**** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR THE DESIGN AND FABRICATION OF THIS TRUSS. ANY FAILURE TO BUILD THE TRUSS IN ACCORDANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLER. THE ACCEPTANCE OF THE TRUSS BY THE INSTALLER SHALL BE THE RESPONSIBILITY OF THE INSTALLER. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER 9051/TPI 1 SEC. 2.

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

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

L=5-0-0 Over 3 Supports

R=330 U=180 W=3.5"

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)

7.04.00

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

Scale = .375" / Ft.

ALPINE

Alpine Engineered Products, Inc.
1950 N. Highway 100
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, 303 D-ONOFREID DR., SUITE 200, MADISON, WI 53719) AND WICA (WOOD INSTITUTE, 6300 INTERPRESE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR ANY 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 CONNECTOR PLATES ARE MADE OF 20/10/10GA (0.015/0.010/0.010) ASH A653 GR40L 40/60 (W, K/0.5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF 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.



Sep 30 '05

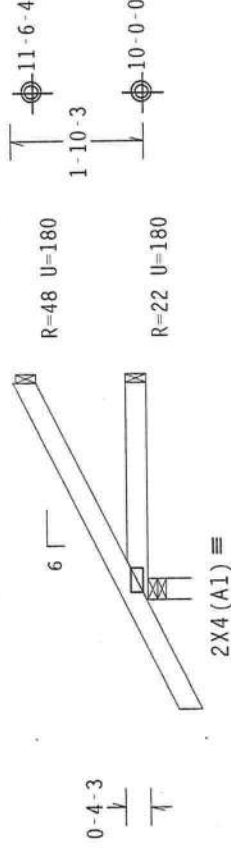
TC LL	20.0 PSF	REF	R487--	62693
TC DL	10.0 PSF	DATE	09/30/05	
BC DL	10.0 PSF	DRW	HCUSR487	05273041
BC LL	0.0 PSF	HC-ENG	JB/AF	
TOT.LD.	40.0 PSF	SEQN-	38958	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	150W487_Z02	

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

110 mph wind, 10.72 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

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

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.



W1-6-07

3-0-0 Over 3 Supports
R=266 U=180 W=3.5"

PIT TYP. Wave TPI

Design Crit: TPI-1995 (STD)

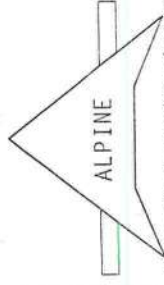
7

Scale = .375"/Ft.

EI 1-131-1-1R1-

****WARNING**** PHASES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PACE INSTITUTE, 583 O'DONORIO DR., SUITE 200, MADISON, WI 53719) AND MTA (WOOD TRUSS COUNCIL OF AMERICA, 6300 INTERSTATE 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 BRACE CEILING.

****IMPORTANT*****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALTHOUGH ENGINEERS PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DETAILING OR DESIGN CHANGES, ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH THE PROVISIONS OF THIS DRAWING, SLIPPING, INSTALLING A BRACING OF TRUSSES, DESIGNER CONFIRMS THAT APPLICATION OF THE FOLLOWING DESIGN SPEC. BY AEPACI AND TPI. ALPINE CONNECTOR PLATES PER 20-19166A, (ALPINE A653 GRADE 40/50 (F), R/H/S) GALV. STEEL. APPLY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ABEX 43 OF 1911-2002 SEC. 3. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY TO SOLELY FOR THE TRUSS COMPONENT BEING SHOWN. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. PER ANSI/TPI SEC. 2.



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

Haines City, FL 33844
FL Certificate of Authorization # 567



TC LL	20.0	PSF	REF	R487 --	62694
TC DL	10.0	PSF	DATE	09/30/05	
BC DL	10.0	PSF	DRW	HCUSR487	05273009
BC LL	0.0	PSF	HC-ENG	JB/AF	*
TOT.LD.	40.0	PSF	SEQN-	38966	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	1SQW487_Z02	

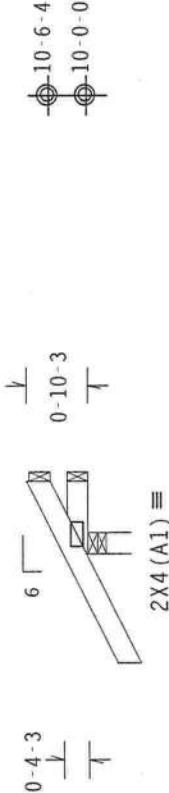
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

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

110 mph wind, 10.22 ft mean ht, ASCE 7-98, CLOSED bldg, Located
anywhere in roof, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0
psf.

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=-109 U=180

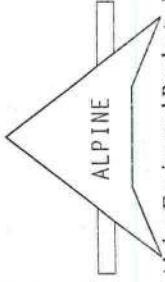


R=-9 U=180

1-0-0 Over 3 Supports

R-294 U=187 W=3.5"

PLT TYP. Wave TPI



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

Design Crit: TPI-1995 (STD)

****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, 593 D'ORFORD 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 NOTED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR ANY REVEALING FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/10/16GA (W/H/S/P) ASTM A653 GRADE 40/60 (W, E/H-S) GALV. SHEEL. 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 AMEY A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

7.04.0

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

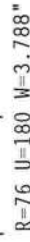
Scale =.375"/Ft.

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

REF	R487--	62695
DATE	09/30/05	
DRW	HCUSR487	05273042
HC-ENG	JB/AF	
SEQN-	38972	
JREF-	1SQW487_Z02	



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



SEP 30 1955

TC LL	20.0	PSF	REF R487 -- 62696
TC DL	10.0	PSF	DATE 09/30/05
BC DL	10.0	PSF	DRW HCUR487 05273043
BC LL	0.0	PSF	HC-ENG JB/AF
TOT.LD.	40.0	PSF	SEQN- 39009
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1SQW487_Z02

110 mph wind, 8.36 ft mean hgt., ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

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=252 U=180 W=3.5"

Scale = .375"/Ft.

ALPINE

Sep 30 '05

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

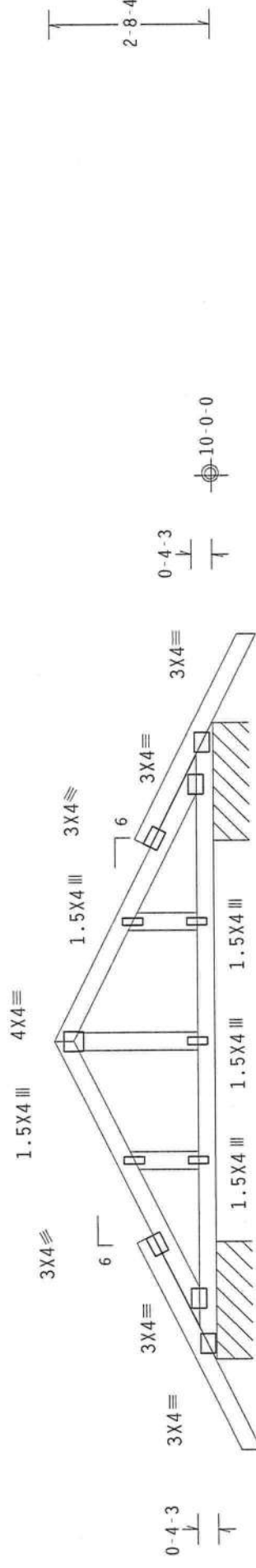
SPECIAL LOADS

LUMBER DUR. FAC. = 1.25 / PLATE DUR. FAC. = 1.25	
TC - From	81 PLF at -1.50 to 81 PLF at 12.17
BC - From	4 PLF at -1.50 to 4 PLF at 0.00
BC - From	20 PLF at 0.00 to 20 PLF at 10.67
BC - From	4 PLF at 10.67 to 4 PLF at 12.17

110 mph wind, 11.14 ft mean hgt., ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

See DWGS A11015EC1103 & GBLLETIN0405 for more requirements.

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



10-8-0 Over 2 Supports

0-6-8 1-6-7 3-3-1 1-6-7 0-6-8

R=338 PLF U=200 PLF W=1-11-10 R=338 PLF U=200 PLF W=1-11-10

PIT TYP. Wave TPI

Design Crit: TPI-1995 (STD)

7.04.08

Scale = .375"/Ft.

*WARNING** TRUSSES REQUIRE EXTENSIVE CARE IN FABRICATION, HANDLING, SHIPPING, UNLOADING AND BRACING. TRUSS COMPANY'S TRUSS BUILDING COMPANY SAFETY INFORMATION, PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 503 O'DONOGHUE DR., SUITE 200, MADISON, WI 53719, AND AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION), INC., 5 DUNSTON WAY, SUITE 400, MADISON, WI 53719, MUST BE READ AND UNDERSTOOD BEFORE ANY TRUSS IS ORDERED OR USED. THE FOLLOWING INFORMATION IS FOR GENERAL INFORMATION ONLY. IT DOES NOT REPLACE THE NEED TO CONSULT WITH AN ENGINEER OR ARCHITECT. THE USER SHALL HAVE A PROPERLY ATTACHED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT:**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERS
PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE
TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDING, SHIPPING, INSTALLING & BRACING OF TRUSSES.
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC 360-10 (TENSION MEMBERS), AISC 360-10 (COMPRESSION MEMBERS), AISC 360-10 (WELDED JOINTS), AISC 360-10 (BOLTED JOINTS), AISC 360-10 (GALV. STEEL),
PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2.
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER APPENDIX A3 OF TPI-2002 SEC. 3.
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE DESIGN OF THE SEAL ON THIS
BUILDING. DESIGNER PER ANSI/TPI 355C-2.
OF THIS CONTRACT ON ANY BUILDING IS THE RESPONSIBILITY OF THE
BUILDING DESIGNER PER ANSI/TPI 355C-2.



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

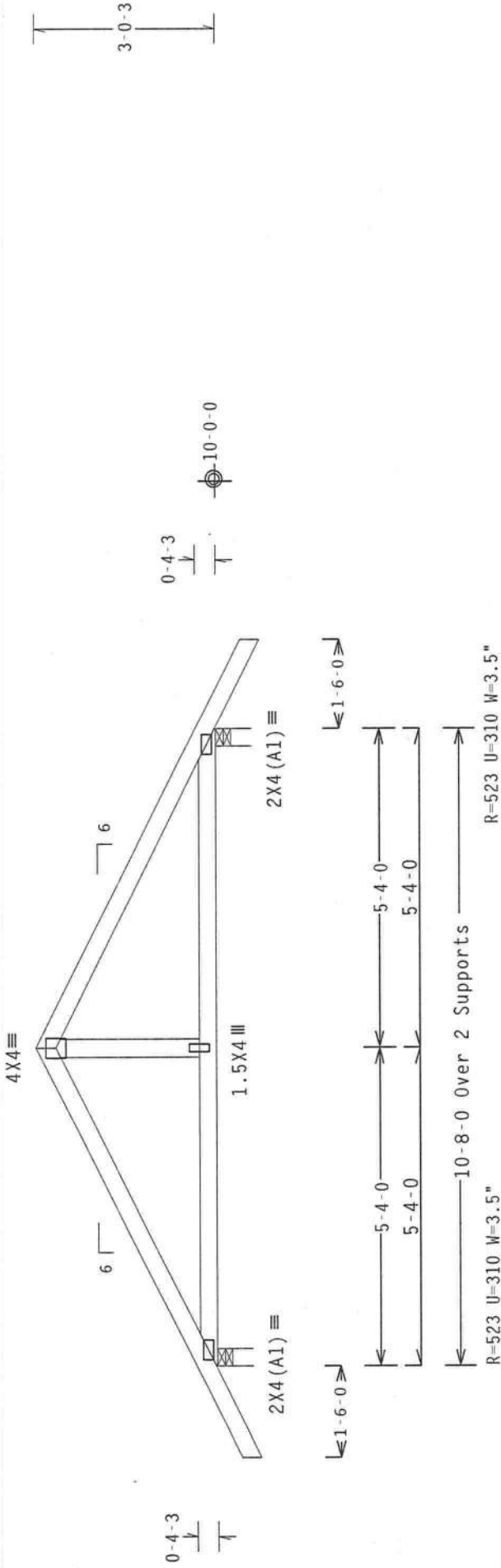
FL Certificate of Authorization # 567

TOT. I.D.	40.0	PSF	SEQN-	39059	REV
DUR. FAC.	1.25				
SPACING	24.0"		JREF-	150W487_Z02	

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



PLT TYP. Wave TPI



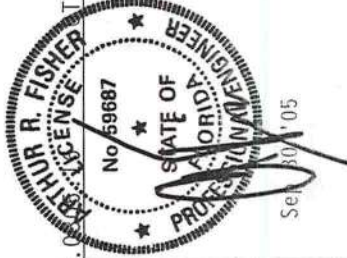
Alpine Engineering Products, Inc.
1950 N. Highway 1
Haines City, FL 33844
FL Certificate of Authorization # 567

Design Crit: TPI-1995 (STD)

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE CONSTRUCTION ACTIVITIES. UNLESS OTHERWISE SPECIFIED, TOP 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 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 (HATIONAL DESIGN SPEC. BY AISC) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/10/160A (0.41/0.5/1) ASH A553 GRADE 40/60 (0.41/0.5) 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 AMEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS BEAMING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

7.04.00



Scale = .375" / Ft.

TC LL	20.0 PSF	FL / - / 3 / - / - / R / -
TC DL	10.0 PSF	REF R487 - - 62699
BC DL	10.0 PSF	DATE 09/30/05
BC LL	0.0 PSF	DRW HCUSR487 05273011
TOT.LD.	40.0 PSF	HC-ENG JB/AF
DUR.FAC.	1.25	SEQN - 38993
SPACING	24.0"	JREF - 150W487_Z02

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

SPECIAL LOADS

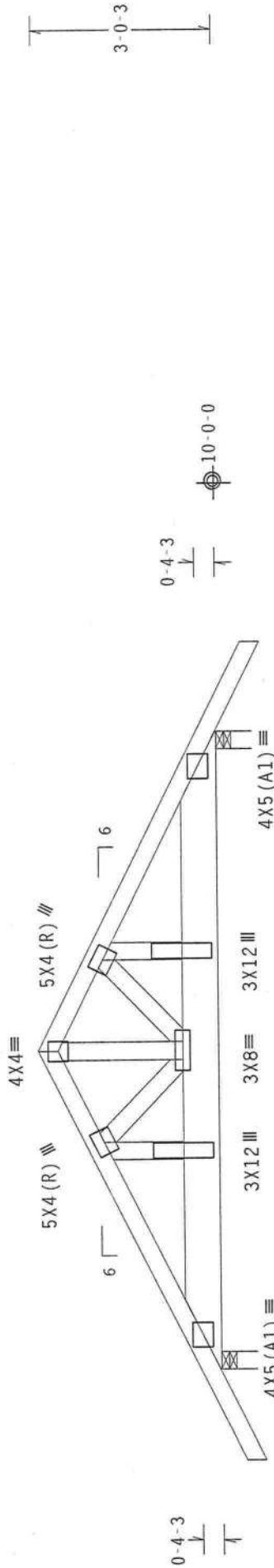
----- (LUMBER DUR. FAC. = 1.25 / PLATE DUR. FAC. = 1.25)
TC - From 60 PLF at -1.50 to 60 PLF at 12.17
BC - From 4 PLF at -1.50 to 4 PLF at -0.00
BC - From 20 PLF at -0.00 to 20 PLF at 10.67
BC - From 4 PLF at 10.67 to 4 PLF at 12.17
BC - 3694 LB Conc. Load at 7.06
BC - 1733 LB Conc. Load at 9.06

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

2 COMPLETE TRUSSES REQUIRED

Nailling Schedule: (10d Common (0.148"x3", min.)_nails)
Top Chord: 1 Row @ 12.00" o.c.
Bot Chord: 1 Row @ 3.75" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails
in each row to avoid splitting.

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located
within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=0.0 psf, wind
BC DL=0.0 psf.



1-6-0
3-8-0
5-4-0
10-8-0 Over 2 Supports
R=1962 U=1160 W=3.5
R=4510 U=2667 W=3.5

PLT TYP. Wave TPI



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

FL Certificate of Authorization # 567

Design Crit: TPI-1995(STD)

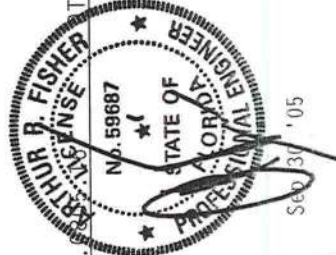
7.04

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

Scale = .375" / Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. TRUSSES MUST BE INSTALLED IN ACCORDANCE WITH THE TPI TRUSS PLATE INSTITUTE, 583 O'CONNOR DR., SUITE 200, MADISON, MI 48219, AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, MI 48219) 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, ETC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY ALPINE) & WCA (WOOD TRUSS COUNCIL OF AMERICA). TRUSSES SHALL BE MADE OF 20/10/10GA (IN-10/25/20) ASTM A575 GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND BY THE TRUSS SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS PLATE SHALL BE PROVIDED BY THE TRUSS MANUFACTURER. THE ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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

REF R487-- 62700

DATE 09/30/05

DRW HCUSR487 05273045

HC-ENG JB/AF

SEQN- 39814

JREF- 1SQW487_Z02

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 503 D'ONOFIO DR., SUITE 200, MADISON, WI 53719, AND WICA (4000 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 ALTERATIONS, OMISSIONS, OR VIOLATIONS OF ANY APPLICABLE DESIGN CODES OR BUILDING CODES. THE DESIGNER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR THE PROPER INSTALLATION AND BRACING OF TRUSSES. THE DESIGNER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR THE PROPER INSTALLATION AND BRACING OF TRUSSES. THE DESIGNER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR THE PROPER INSTALLATION AND BRACING OF TRUSSES.

TC LL	20.0	PSF	REF	R487 - - 62701
TC DL	10.0	PSF	DATE	09/30/05
BC DL	10.0	PSF	DRW	HCURS487 05273012
BC LL	0.0	PSF	HC-ENG	JB/AF
TOT.LD.	40.0	PSF	SEQN-	39052
DUR.FAC.	1.25			
SPACING	24.0"			



SEAL 3 '05

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

Imperial Engineering
1950 Hollister Drive
Haines City, FL 33844

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

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=0.0 psf, wind
BC DL=0.0 psf.

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

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

REFER TO DWG PIGBACK0204 FOR PIGGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO
BE BRACED @ 24" O.C., UNLESS OTHERWISE SPECIFIED

1.5X4 III

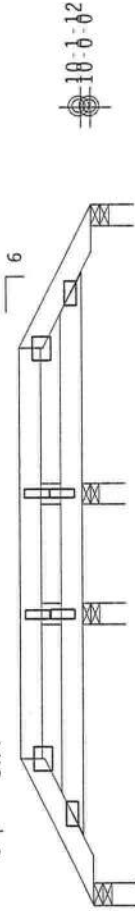
1.5X4 III

1.5X4 III

1.5X4 III

3X4 III

6 3X4 III



2X4 (A1) III

3'-0-11

1'-0-11

5-8-0

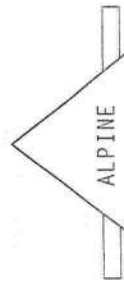
9-8-0 Over 4 Supports

R=193 U=180 W=3.5"

R=194 U=180 W=3.5" R=194 U=180 W=3.5"

R=193 U=180 W=3.5"

PLT TYP. Wave TPI

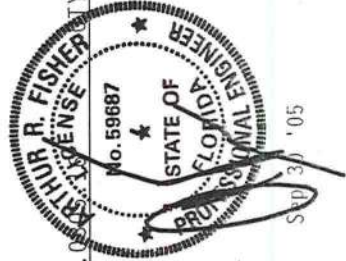


Alpine Engineered Products, Inc.
1950 N. Highway 100
Haines City, FL 33844
FL Certificate of Authorization # 567

Design Crit: TPI-1995 (STD)

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE CONSTRUCTION ACTIVITIES. UNLESS OTHERWISE SPECIFIED, 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 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 AFAPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/S/P) ASTM A653 HEAD 40/60 (W, K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 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 DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



7.04.05

Scale = .375" / Ft.

TC LL	20.0 PSF	FL / - / 3 / - / - / R / -	REF R487 - - 62702
TC DL	10.0 PSF		DATE 09/30/05
BC DL	10.0 PSF		DRW HCUSR487 05273046
BC LL	0.0 PSF		HC-ENG JB/AF
TOT.LD.	40.0 PSF		SEQN- 39823 REV
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1S0W487_Z02

(5-418) JENKINS CONTRACTING/PANNER - ALZ

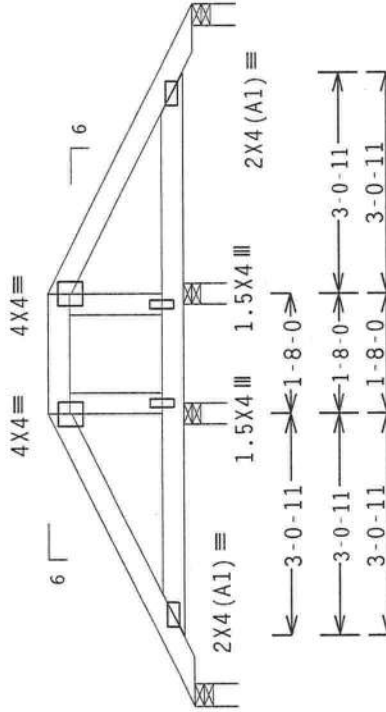
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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

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

110 mph wind, 11.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, EXP 8, wind TC DL=0.0 psf, wind
BC DL=0.0 psf.

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



R=51 U=180 W=3.5"

R=336 U=202 W=3.5"

R=51 U=180 W=3.5"

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)

7.04 kips/ft

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

Scale = .375" / Ft.



Alpine Engineered Products, Inc.
1950 N. Highway 100
Haines City, FL 33844
FL Certificate of Authorization # 567

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSE 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 D-0000000 DR., SUITE 200, MADISON, WI 53719) AND WICA (WOOD INSTITUTE FOR CONSTRUCTION, 1000 W. WISCONSIN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE SPECIFIED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR ANY OVIATION 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 CORRELATOR PLATES ARE MADE OF 20/10/16GA (H/H/S/S) ASTM A653 GRADE 40/60 (W, K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AIA 301-2002 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.

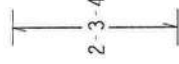


Arthur R. Fisher
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Seal 09/30/05

TC LL	20.0 PSF	REF	R487--	62703
TC DL	10.0 PSF	DATE	09/30/05	
BC DL	10.0 PSF	DRW	HCUSR487	05273047
BC LL	0.0 PSF	HC-ENG	JB/AF	
TOT.LD.	40.0 PSF	SEQN-	39832	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1SQW487_Z02	

110 mph wind, 11.21 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

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



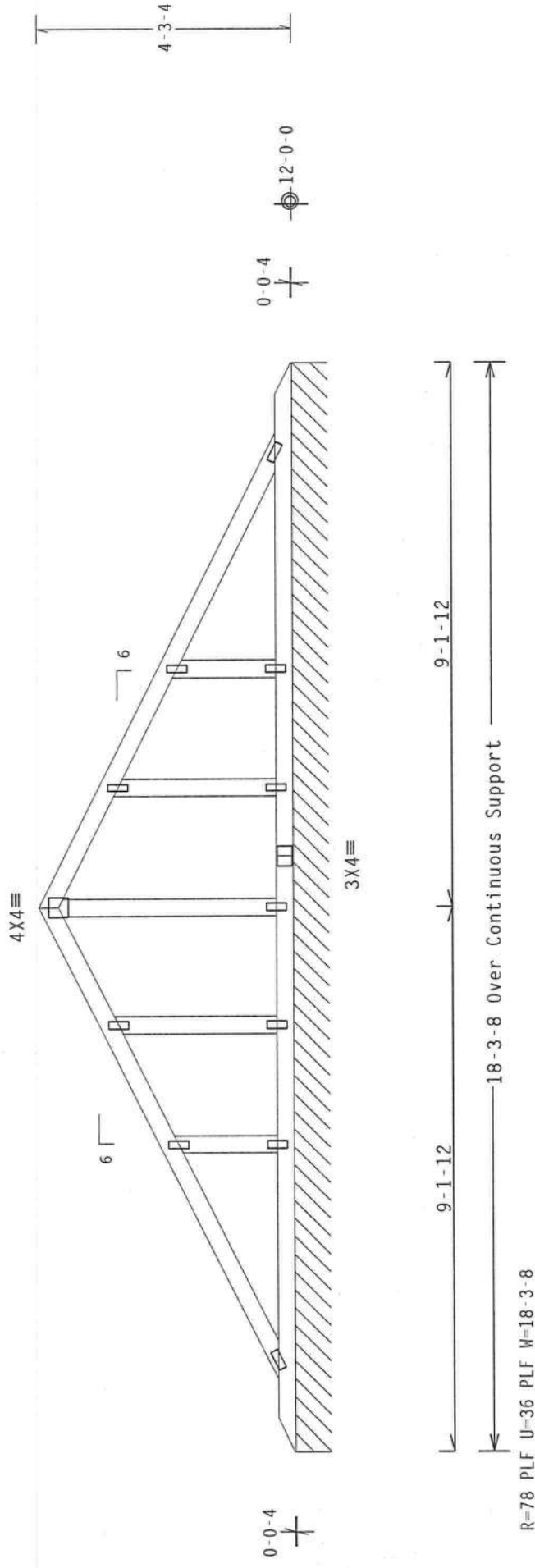
Scale = .375"/Ft.

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

110 mph wind, 14.28 ft mean hgt, ASCE 7-98, CLOSED bldg. Located anywhere in roof, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

See DWGS A11015EC1103 & GBLLETIN0405 for more requirements.

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



Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave TPI

Design Crit: TPI-1995 (STD)

7.

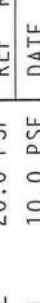
Scale = .375"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCS1-103 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 583 D'ONOFRIO DR., SUITE 200, HADISON, WI 53519) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, HADISON, WI 53519) 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 THUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY NDS) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018J1366A (W/N/S/S) ASH 6053 GRADE 40/60 (H, K/H-S) GALT, STEEL PLATES TO EACH FACE OF THUSSES AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160-2.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED BY A TPI-REGISTERED INSPECTOR ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSSES COMPOUND DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.





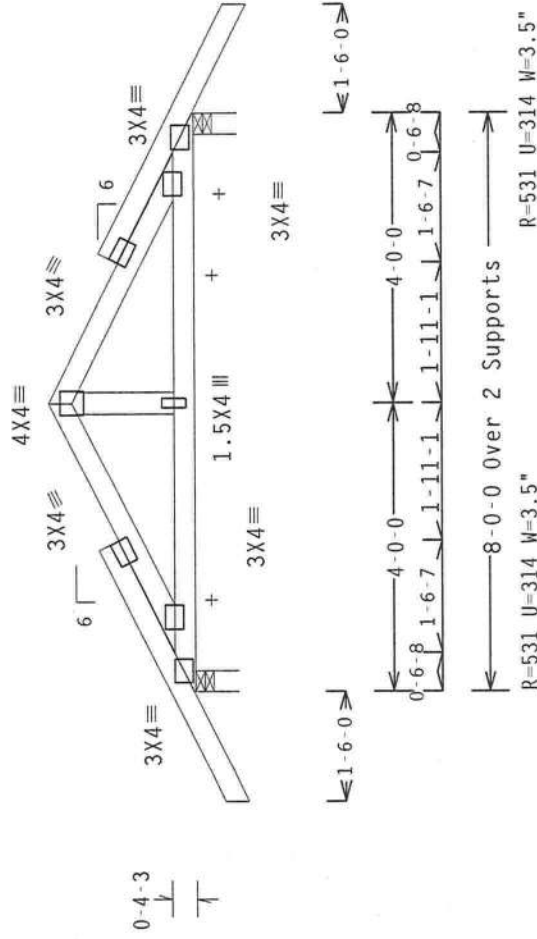
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844

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

SPECIAL LOADS

TC	From	81 PLF at -1.50 to	81 PLF at 9.50
BC	From	4 PLF at -1.50 to	4 PLF at 0.00
BC	From	20 PLF at 0.00 to	20 PLF at 8.00
BC	From	4 PLF at 8.00 to	4 PLF at 9.50

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



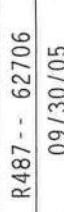
PIT TYP. Wave TPI

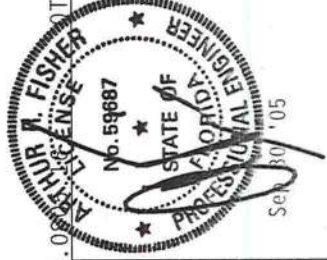
Design Crit: TPI-1995 (STD)

7.04.08

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

Scale = .375"/Ft.

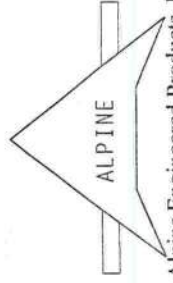
	TC LL	20.0	PSF	REF R487-- 62706
	TC DL	10.0	PSF	DATE 09/30/05
	BC DL	10.0	PSF	DRW HCUSR487 05273049
	BC LL	0.0	PSF	HC-ENG JB/AF
	TOT.LD.	40.0	PSF	SEQN- 39040 REV
	DUR.FAC.	1.25		
	SPACING	24.0"		JREF- 1SQW487_Z02



*WARNING** THOSE REQUIRING EXTREME CARE IN FABRICATION, MARKING, SHIPPING, INSTALLING AND DRAPING. DESIGNER'S SPECIFICATIONS REQUIRE CONFORMANT SAFETY INFORMATION, PUBLISHED BY TPI (CONCRETE PLATE INSTITUTE, 583 JACKSON 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 FLUSH CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALTHOUGH ENGINEERS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE FRAMES IN CONFORMANCE WITH THIS DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING OR IMPACTING ON FRAMES, OR EXPOSURE TO WEATHER CONDITIONS MAY CAUSE DAMAGE TO THE FRAMES. IT IS THE USER'S RESPONSIBILITY TO OBTAIN NECESSARY PERMITS AND INSURANCE COVERAGE. MAKE UP OF 200/170GSM HVMS/PSI ASTM A653 GRADE 40/60 (A 678MS) GALV. STEEL. PLATES TO EACH FACE OF THISS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSTALLATION OF PLATES FOLLOWED BY 1) SHALL BE PER AMNIX 43 OF TPI-1-2009, SECTION 2.

WARNING FRIGERATEURS ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THIS DESIGN IS LIMITED TO THE DESIGN ONLY. THERE IS NO LIABILITY FOR THE BUILDING OR THE BUILDING DESIGNER. PER AMNIX/TPI-1 SEC. 2.



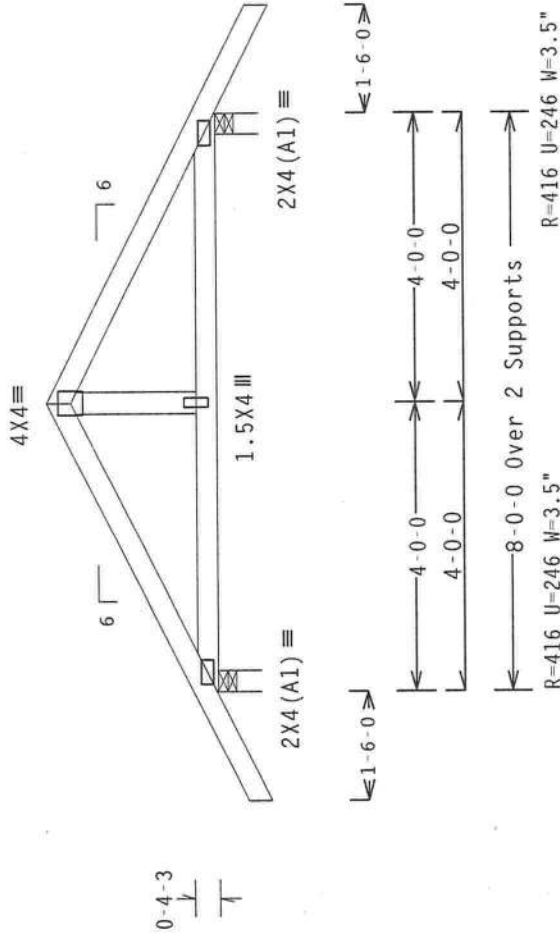
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FI Certificate of Authorization # 567

(5-418-JENKINS CONTRACTING/PARKER - S2)

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



PLT TYP. Wave TPI

Design Crit: TPI-1995 (STD)

7.04.06

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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR DETAILING, FABRICATION, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. TRUSSES SHALL BE INSTALLED IN ACCORDANCE WITH THE FOLLOWING: NATIONAL DESIGN SPEC. BY AEP/PA AND TPI. ALPINE CORRELATOR PLATES ARE MADE OF 20/10/16GA 02-H/S/E3 ASH 6053 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-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AEP/PA A3 OF TPI 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TC LL	20.0 PSF	REF	R487-- 62707
TC DL	10.0 PSF	DATE	09/30/05
BC DL	10.0 PSF	DRW	HCUSR487 05273013
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	40.0 PSF	SEON-	39033
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SQW487_Z02

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

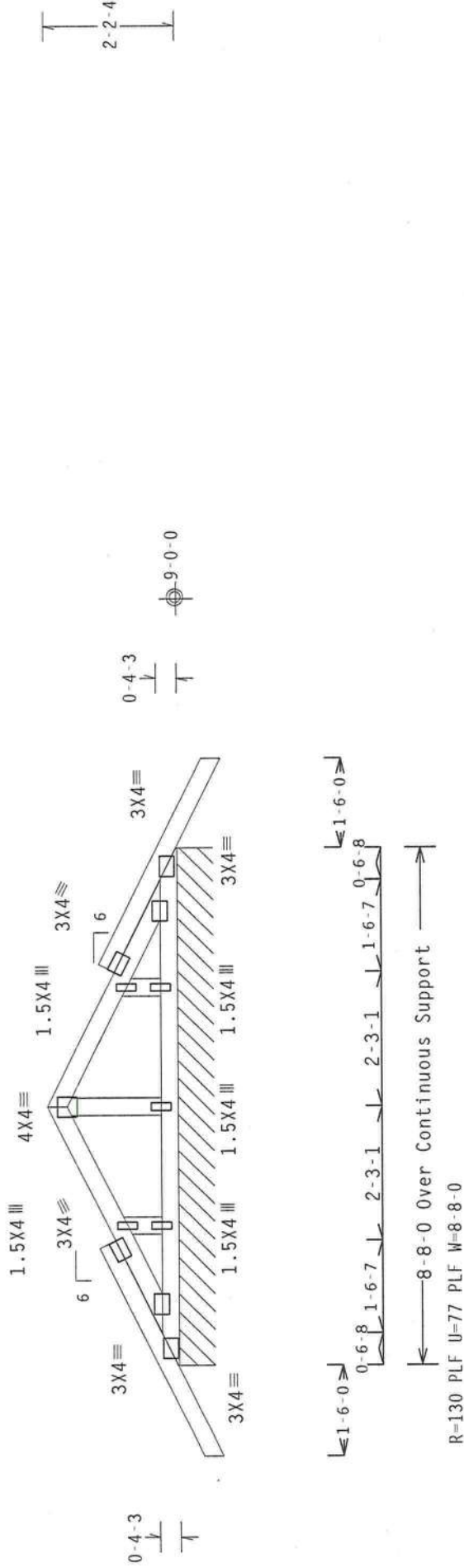
SPECIAL LOADS

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

110 mph wind, 9.89 ft mean hgt, ASCE 7-98, CLOSED bldg, Located
anywhere in roof, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0
psf.

See DWGS A11015EC1103 & GBLLETIN0405 for more requirements.

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



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)

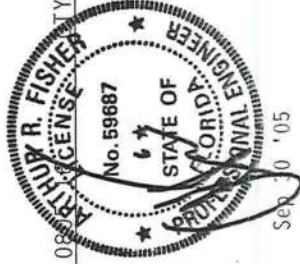
7.04.08

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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS OR THE FAILURE TO BUILD THE TRUSS TO THE DESIGN SPECIFICATIONS. THE INSTALLATION CONTRACTOR SHALL BE RESPONSIBLE FOR THE TRUSS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA) AND TPI. ALPINE CORRELATOR PLATES ARE MADE OF 2010/160A (W-N/S/P) ASH 6053 GRADE 40/60 (W, K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AIA 43 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGNER SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AIA/TPI 1 SEC. 2.



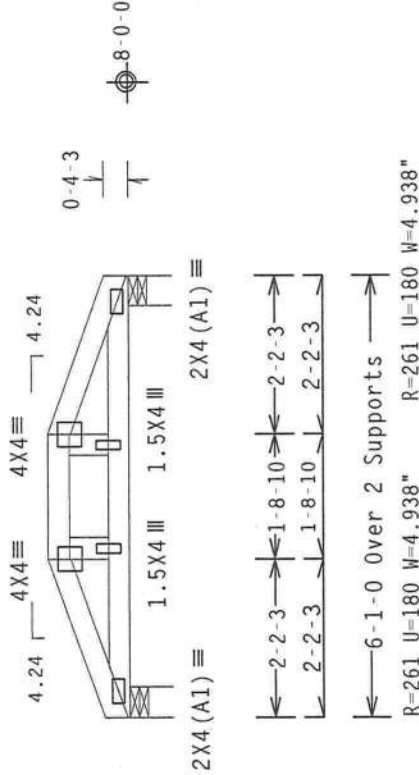
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TC DL	10.0 PSF	DATE	09/30/05	
BC DL	10.0 PSF	DRW	HCUSR487	05273050
BC LL	0.0 PSF	HC-ENG	JB/AF	
TOT.LD.	40.0 PSF	SEON-	38937	REV
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1SQW487_Z02	

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

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.
Deflection meets L/360 live and L/240 total load.

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, Located
anywhere in roof, CAT II, EXP 8, wind TC DL=0.0 psf, wind BC DL=0.0
psf.

#1 hip supports 2-2-3 jacks with no webs.



1-1-7

PLT TYP. Wave TPI

Design Crit: TPI-1995 (STD)

7.04.0

FL/-/3/-/R/-

Scale = .375" / Ft.

ALPINE

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

FL Certificate of Authorization # 567

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONDRAFIO DR., SUITE 200, MADISON, WI 53719) AND NTC (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 OF THE TRUSS OR BRACING SHALL BE THE RESPONSIBILITY OF THE INSTALLER. THE INSTALLER SHALL BE RESPONSIBLE FOR THE TRUSS BEING CONFORMS WITH APPLICABLE PROVISIONS OF THE NATIONAL DESIGN SPEC. BY (AISC) AND (TPI). ALPINE CORRELATION PLATES ARE MADE OF 20/18/16GA (6-1/2/5/2) ASTM A553 GRADE 40/60 (W, K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



Sep 30 '05

TC LL	20.0 PSF	REF	R487 -- 62710
TC DL	10.0 PSF	DATE	09/30/05
BC DL	10.0 PSF	DRW	HCUSR487 05273052
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	40.0 PSF	SEQN	39027
DUR.FAC.	1.25		
SPACING	24.0"	JREF	150W487_Z02

BEARING BLOCK NAIL SPACING DETAIL

MAXIMUM NUMBER OF NAIL LINES PARALLEL TO GRAIN

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

MINIMUM NAIL SPACING DISTANCES

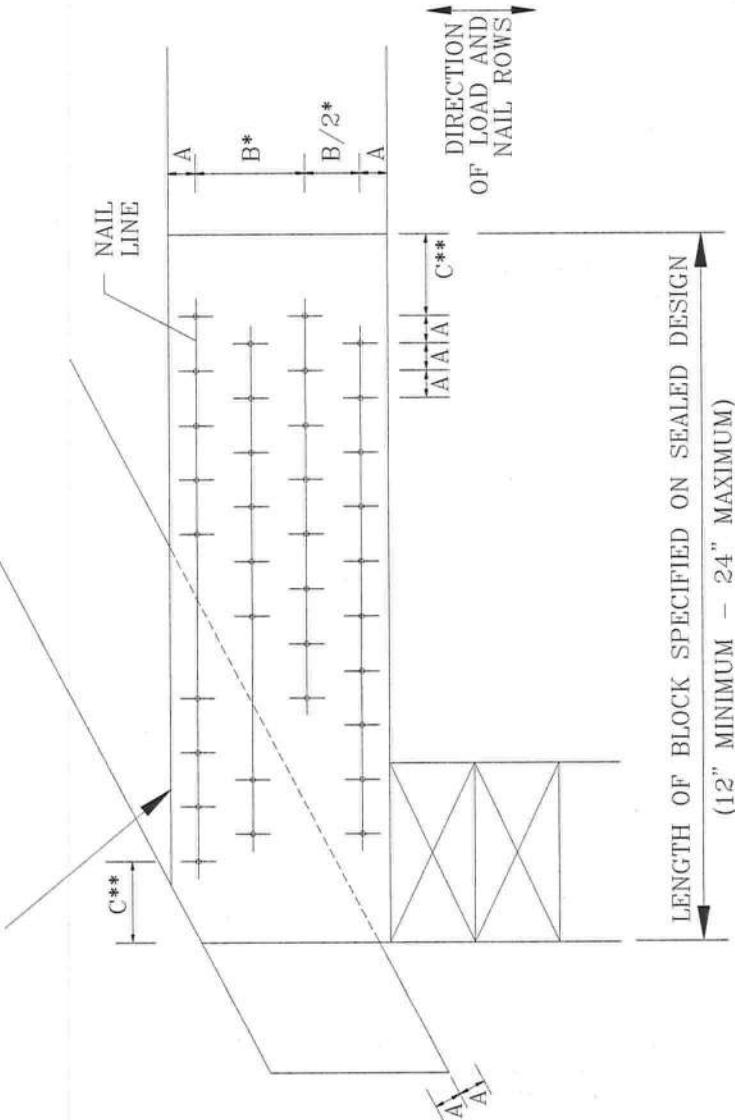
NAIL TYPE	DISTANCES		
	A	B*	C**
8d BOX (0.113"x2.5")	3/4"	1 3/8"	1 3/4"
10d BOX (0.128"x3")	7/8"	1 5/8"	2"
12d BOX (0.128"x3.25")	7/8"	1 5/8"	2"
16d BOX (0.135"x3.5")	7/8"	1 5/8"	2 1/8"
20d BOX (0.148"x4")	1"	1 7/8"	2 1/4"
8d COMMON (0.131"x2.5")	7/8"	1 5/8"	2"
10d COMMON (0.148"x3")	1"	1 7/8"	2 1/4"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

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

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

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

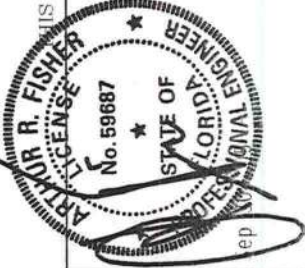
BEARING BLOCK TO BE SAME SIZE AND SPECIES AS BOTTOM CHORD. BLOCKS MAY BE ANY GRADE WITHIN THE SPECIES, PROVIDED THE COMPRESSION PERPENDICULAR TO GRAIN VALUE (Fc-perp) IS AT LEAST THAT OF THE CHORD.



ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

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

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (WAVE/SK) ASTM A653 GRADE 40/50 (WAVE/SK) 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 TPI SHALL BE PER ANNEX A3 OF TPI 1-82. ALPINE ENGINEERED PRODUCTS, INC. ACCEPTS NO LIABILITY FOR THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. PER ANNEX TPI 1 SEC. 2.



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

THIS DRAWING REPLACES DRAWING B139 AND CNBRGBLK0699

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.

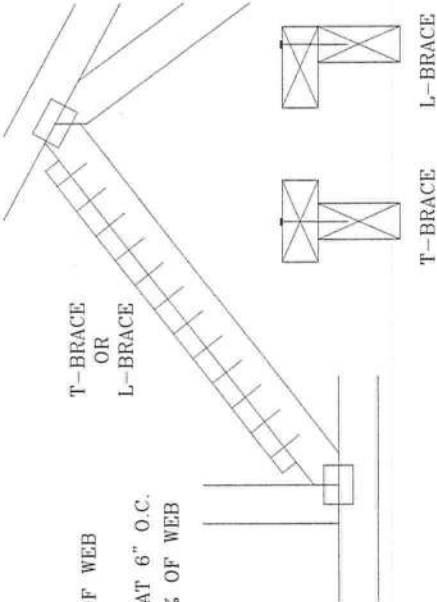
WEB MEMBER SIZE	SPECIFIED CLB BRACING	T OR L-BRACE	ALTERNATIVE BRACING	SCAB BRACE
2X3 OR 2X4	1 ROW	2X4	2X6	1-2X4
	2 ROWS	2X6		2-2X4
2X6	1 ROW	2X4	2X6	1-2X6
	2 ROWS	2X6		2-2X4(*)
2X8	1 ROW	2X6	2X6	1-2X8
	2 ROWS	2X6		2-2X6(*)

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:

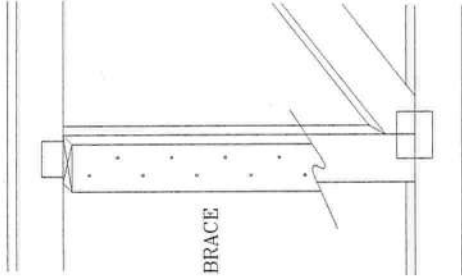
APPLY TO EITHER SIDE OF WEB NARROW FACE
ATTACH WITH 16d NAILS AT 6" O.C.
BRACE IS A MINIMUM 80% OF WEB MEMBER LENGTH



T-BRACE 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



ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 DODGE RD., SUITE 200, MADISON, WI 53719) AND VTCA (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 PLATES ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2014/T6 AL 6061 T6 ALUMINUM GRADE 40/50 (A13.7/H13) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160672, 160673, 160674, 160675, 160676, 160677, 160678, 160679, 160680, 160681, 160682, 160683, 160684, 160685, 160686, 160687, 160688, 160689, 160690, 160691, 160692, 160693, 160694, 160695, 160696, 160697, 160698, 160699, 160700, 160701, 160702, 160703, 160704, 160705, 160706, 160707, 160708, 160709, 160710, 160711, 160712, 160713, 160714, 160715, 160716, 160717, 160718, 160719, 160720, 160721, 160722, 160723, 160724, 160725, 160726, 160727, 160728, 160729, 160730, 160731, 160732, 160733, 160734, 160735, 160736, 160737, 160738, 160739, 160740, 160741, 160742, 160743, 160744, 160745, 160746, 160747, 160748, 160749, 160750, 160751, 160752, 160753, 160754, 160755, 160756, 160757, 160758, 160759, 160760, 160761, 160762, 160763, 160764, 160765, 160766, 160767, 160768, 160769, 160770, 160771, 160772, 160773, 160774, 160775, 160776, 160777, 160778, 160779, 160780, 160781, 160782, 160783, 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ASCE 7-98: 110 MPH WIND SPEED, 15' MEAN HEIGHT, ENCLOSED, I = 1.00, EXPOSURE C

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

BRACING GROUP SPECIES AND GRADES:

GROUP A:

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

DOUGLAS FIR-LARCH

#3	STUD
STANDARD	STUD

GROUP B:

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

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS $L/240$.

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

GABLE END SUPPORTS LOAD FROM 4' 0"

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

ATTACH EACH "L" BRACE WITH 10d NAILS.

* FOR (1) "L" BRACE: SPACE NAILS AT 2' 0" O.C.

IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.

** FOR (2) "L" BRACES: SPACE NAILS AT 3' 0" O.C.

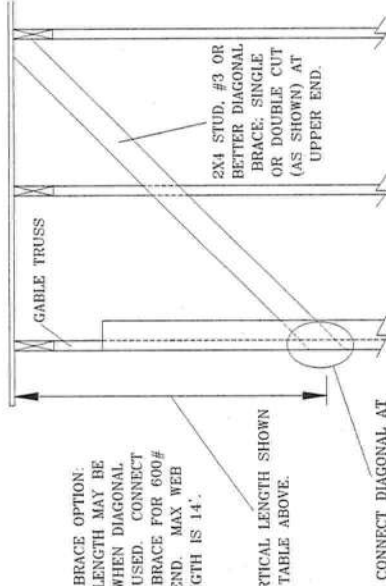
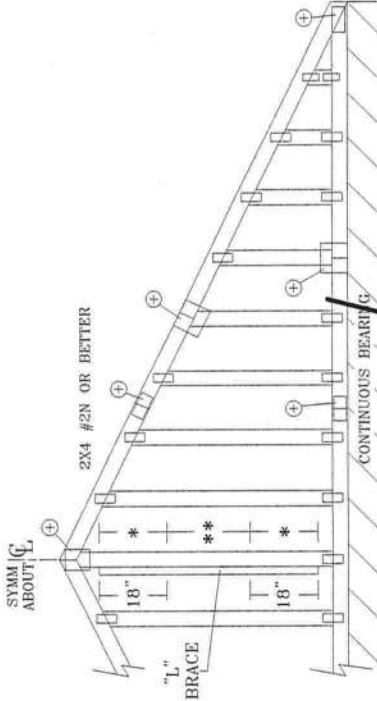
IN 18" END ZONES AND 6" O.C. BETWEEN ZONES.

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

GABLE VERTICAL PLATE SIZES

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

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



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.

REFER TO CHART ABOVE FOR MAX GABLE TRUSS MEMBER LENGTH.



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

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE NATIONAL DESIGN SPEC. BY AIA/ASCE AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2024-T3 ALUMINUM (AL-6061-T6) UNLESS OTHERWISE LOCATED 40/60 (A/N/A) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING 160A-2. ANY INSPECTION OF TRUSSES FOLLOWED BY TPI SHALL BE THE SOLE RESPONSIBILITY OF THE INSPECTOR. THE DESIGNER'S RESPONSIBILITY FOR THE TRUSS COMPONENT 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.



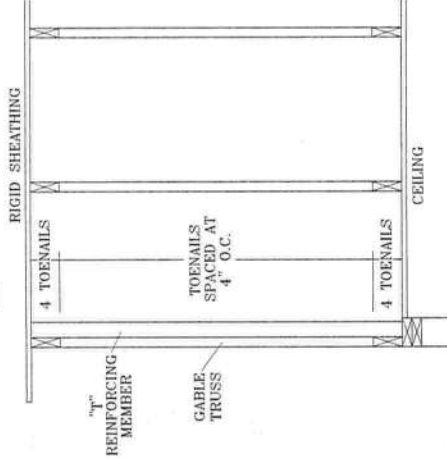
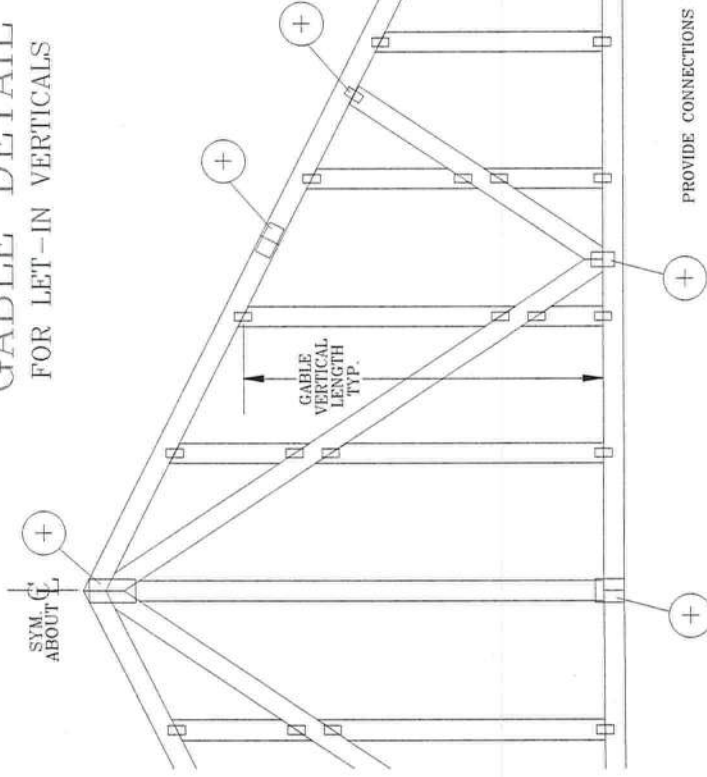
ALPINE ENGINEERED PRODUCTS, INC.
POMPAHO BEACH, FLORIDA

REF ASCE7-98-CABI1015
DATE 11/26/03
DRWG A11015EC1103
-ENG

MAX. TOT. LD. 60 PSF

MAX. SPACING 24'-0"

SYM. G. ABOUT. $\oplus$



ATTACH EACH "T" REINFORCING MEMBER WITH

HAND DRIVEN NAILS:

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

GUN DRIVEN NAILS - 0.131" X 3";

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

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

ASCE 7-93 GABLE DETAIL DRAWINGS

ASCE 7-93 GABLE DETAIL DRAWINGS

A11030EN1103. A10030EN1103. A09030EN1103. A08030EN1103. A07030EN1103.

ASCE 7-98 GABLE DETAIL DRAWINGS

ASCE 7-90 GABLE DETAIL DRAWINGS

A13030EC1103, A12030EC1103, A1030EC1103, A08530EC1103

SBCCI GABLE DETAIL DRAWINGS

SBCCI GABLE DETAIL DRAWING
S11015EN1103. S10015EN1103. S09015EN1103. S08015EN1103. S07015EN1103.

S110330EN1103. S10030EN1103. S09030EN1103. S08030EN1103. S07030EN1103

SEE APPROPRIATE ALPINE GABLE DETAIL (ASCE OR SBCCI WIND LOAD) FOR MAXIMUM UNREINFORCED GABLE

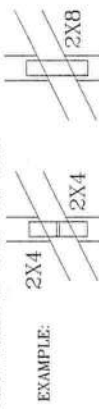
VERTICAL LENGTH BETWEEN CHORDS	PLATE SIZE	IF PLATES OVERLAP*
LESS THAN 4' 0"	1X4 OR 2X3	2X8
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2X4	2X8
GREATER THAN 11' 6"	2.5X4	2.5X8

⊕ REFER TO ENGINEERED TRUSS DESIGN FOR PEAK.

① REFER TO ENGINEERED CROSS
SPLICE, WEB AND HEEL PLATES.

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

EXAMPLE:



түр.

WEB LENGTH INCREASE W/ "T" BRACE

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

EXAMPLE:

ASCE WIND SPEED = 100 MPH

MEAN ROOF HEIGHT = 30 FT
 ASCE WIND SPEED = 100 MPH

MEAN ROOF HEIGHT = 30 FT
CABLE VERTICAL. = 24" 0 C SP #3

"T" REINFORCING MEMBER SIZE = 2X4

"T" BRACE INCREASE (FROM ABOVE) = 10% = 110

(1) 2x4 "1" BRACE LENGTH = 6' 7"

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

1 1/2" x 6" 2" = 2' 3"

REPLACES DRAWINGS GAB98117 876.719 & HC26294035

***WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES (BUILDING CODES, MANUFACTURING PUBLISHED BY THE TRUSS COUNCIL OF AMERICA), 5200 W. 86TH STREET, SUITE 101, HAWSDEN, WI 53719, AND VTC-ADDED TRUSS COUNCIL OF AMERICA, 5200 W. 86TH STREET, SUITE 101, HAWSDEN, WI 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED THE SECTIONS. TOP AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID JOINT.

*IMPORTANT** TURNIN COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, IN CONFORMANCE WITH TPI OR APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&AP) AND TPI. ALPINE CONSTRUCTION PLATES ARE MADE OF 20/40/18GA (A/S/H/S) ASTM A453 GRADE 40/50 (A/S/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS FOLLOWED BY (D) SHALL BE CONSIDERED AN ADDITIONAL POSITION PER DRAWINGS 1604-2. AN INSPECTION OF PLATES FOLLOWED BY (D) SHALL BE CONSIDERED AN ADDITIONAL POSITION PER DRAWINGS 1604-2. THE DESIGN OF THIS TRUSS COMPONENT SHOWS THE FEASIBILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING OWNER. PER AHS/TPI 1 SEC. 2.



ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

ARTHER J. SCHER
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER

MAX TOT. LD. 60 PSF	REF LET-IN VERT
DUR. FAC. ANY	DATE 01/16/04
MAX SPACING 24.0"	DRWG GBLLETIN1103
	-ENG DLJ/KAR

PIGGYBACK DETAIL

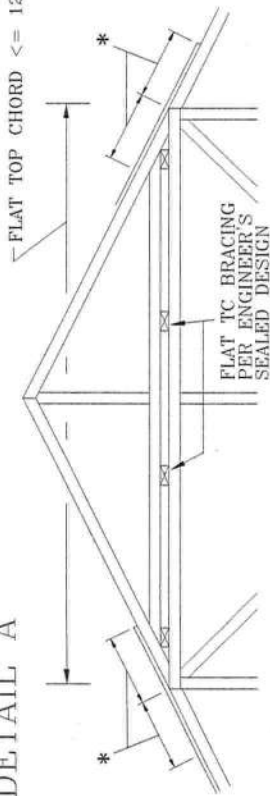
100 MPH WIND, 30.00 FT MEAN HGT, ASCE 7-02, CLOSED BLDG, LOCATED ANYWHERE IN ROOF, CAT II, EXP C, WIND TC DL=5.0 PSF, WIND BC DL=5.0 PSF.

80 MPH WIND, 30.00 FT MEAN HGT, SBC, ENCLOSED BLDG, LOCATED ANYWHERE IN ROOF, WIND TC DL=5.0 PSF, WIND BC DL=5.0 PSF.

100 MPH WIND, 30.00 FT MEAN HGT, ASCE 7-98, CLOSED BLDG, LOCATED ANYWHERE IN ROOF, CAT II, EXP. C, WIND TC DL=5.0 PSF, WIND BC DL=5.0 PSF.

NOTE: TOP CHORDS OF TRUSSES SUPPORTING PIGGYBACK CAP TRUSSES MUST BE ADEQUATELY BRACED BY SHEATHING OR PURLINS. PROVIDE DIAGONAL BRACING OR OTHER SUITABLE ANCHORAGE TO PERMANENTLY RESTRAIN PURLINS.

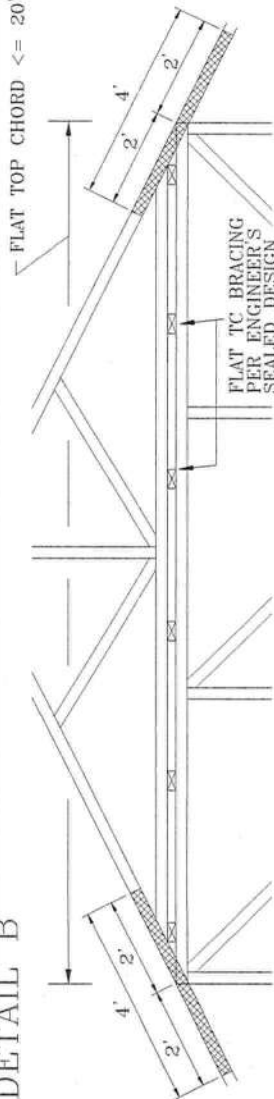
DETAIL A



PIGGYBACK CAP TRUSS TOENAILED TO ALL TOP CHORD BRACING WITH (2) 10d COMMON (0.148"x3") NAILS.

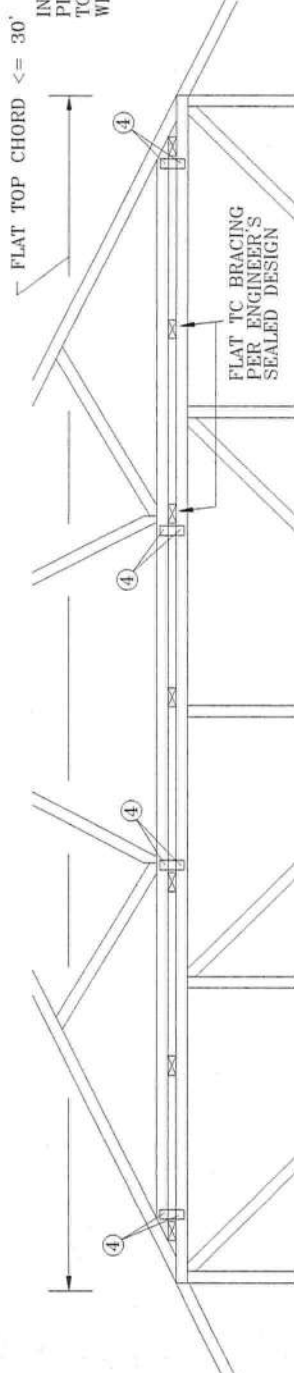
* 12" MIN RIGID SHEATHING OVERLAP WITH 8d COMMON (0.131"x2.5") OR GUN NAILS IN OVERLAP ZONE SPACED AT 4" O.C.

DETAIL B



PIGGYBACK CAP TRUSS TOENAILED TO ALL TOP CHORD BRACING WITH (2) 10d COMMON (0.148"x3") NAILS AND SECURED WITH 2X4 #3 GRADE SCAB (1 SIDE ONLY) ATTACHED WITH 10d COMMON NAILS AT 4" O.C.

DETAIL C



CAP TRUSS TOENAILED TO TOP CHORD BRACING AND SECURED WITH 3X8 TRULOX PLATES (EACH FACE) AT EACH END AND AT 1/3 POINTS. CIRCLED NUMBER INDICATES REQUIRED NUMBER OF 0.120" X 1.375" NAILS PER FACE. SEE DRAWING 160TL FOR TRULOX INFORMATION.

IN LIEU OF TRULOX CONNECTORS, ALPINE 62PB SPECIAL PIGGYBACK CONNECTORS MAY BE USED. SHOP APPLY TOOTHED PORTION, FIELD ATTACH TO MATING TRUSS WITH (4) 0.120" X 0.375" NAILS MINIMUM EACH FACE.

8" X 8" X 1/2" RATED SHEATHING GUSSETS (EACH FACE) MAY BE USED IN LIEU OF TRULOX PLATES, ATTACH WITH (8) 8d COMMON NAILS PER GUSSET, (4) IN CAP BC AND (4) IN BASE TRUSS FLAT TC.

THIS DRAWING REPLACES DRAWINGS 581,670 & 961,860

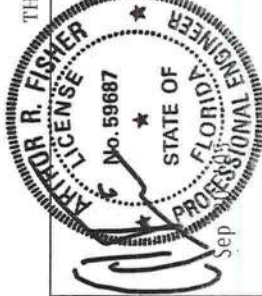
TC LL	PSF	REF	PIGGYBACK
TC DL	PSF	DATE	04/14/05
BC DL	PSF	DRWG	PIGBACKA0405
BC LL	PSF	ENG	DLJ/KAR
TOT. LD.	MAX 60 PSF		
DUR. FAC.	1.15		
SPACING	24.0"		

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 1-03 BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 593 DUNDREID DR., SUITE 200, MADISON, WI 53719 AND VTCA (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.
POMPANO BEACH, FLORIDA



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

BRACING GROUP SPECIES AND GRADES:

GROUP A:		GROUP B:	
SPRUCE-PINE-FIR	HEM-FIR	SPRUCE-PINE-FIR	HEM-FIR
#1 / #2 STANDARD	#2 STUD	#1 / #2 STANDARD	#2 STUD
#3 STANDARD	#3 STUD	#3 STANDARD	#3 STUD

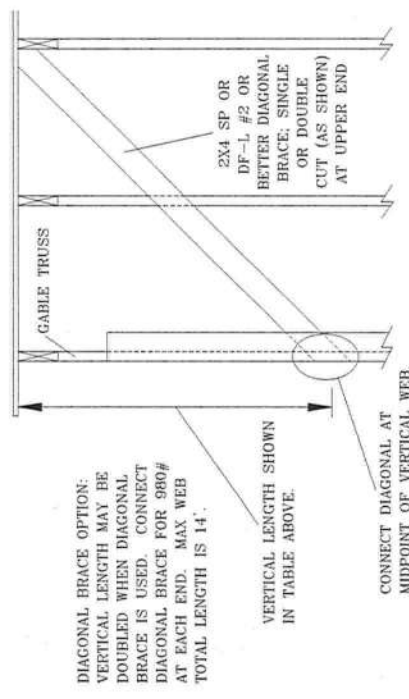
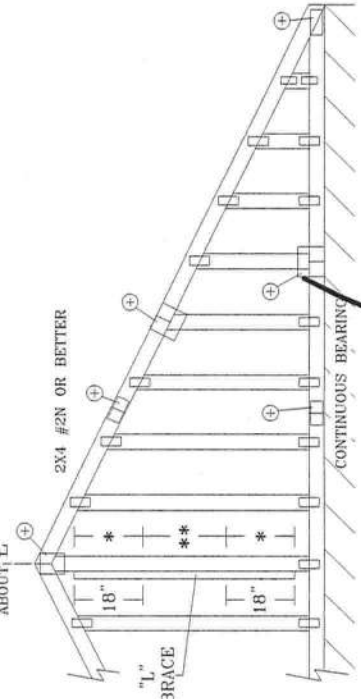
GROUP A:		GROUP B:	
DOUGLAS FIR-LARCH	SOUTHERN PINE	DOUGLAS FIR-LARCH	SOUTHERN PINE
#3 STUD	#3 STUD	#1 & BTR #1	#1 & BTR #1
STANDARD	STANDARD	#2	#2

GABLE TRUSS DETAIL NOTES:

- LIVE LOAD DEFLECTION CRITERIA IS L/240.
- PROVIDE UPLIFT CONNECTIONS FOR 160 PLF OVER CONTINUOUS BEARING (5 PSF TC DEAD LOAD).
- GABLE END SUPPORTS LOAD FROM 4' 0" OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" PLYWOOD OVERHANG.
- ATTACH EACH "L" BRACE WITH 10d NAILS.
- * FOR (1) "L" BRACE: SPACE NAILS AT 2' O.C. IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.
- ** FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C. IN 18" END ZONES AND 6" O.C. BETWEEN ZONES.
- "L" BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH.

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

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



REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

THIS DRAWING REPLACES DRAWINGS A11030E & GE-003

REF ASCE-GABI1030

DATE 11/26/03

DRWG A11030EN1103

-ENG

MAX. TOT. LD. 60 PSF

MAX. SPACING 24' 0"

ALPINE

ALPINE ENGINEERED PRODUCTS, INC.

POMPANO BEACH, FLORIDA

SEP 15 2003

PROFESSIONAL ENGINEER

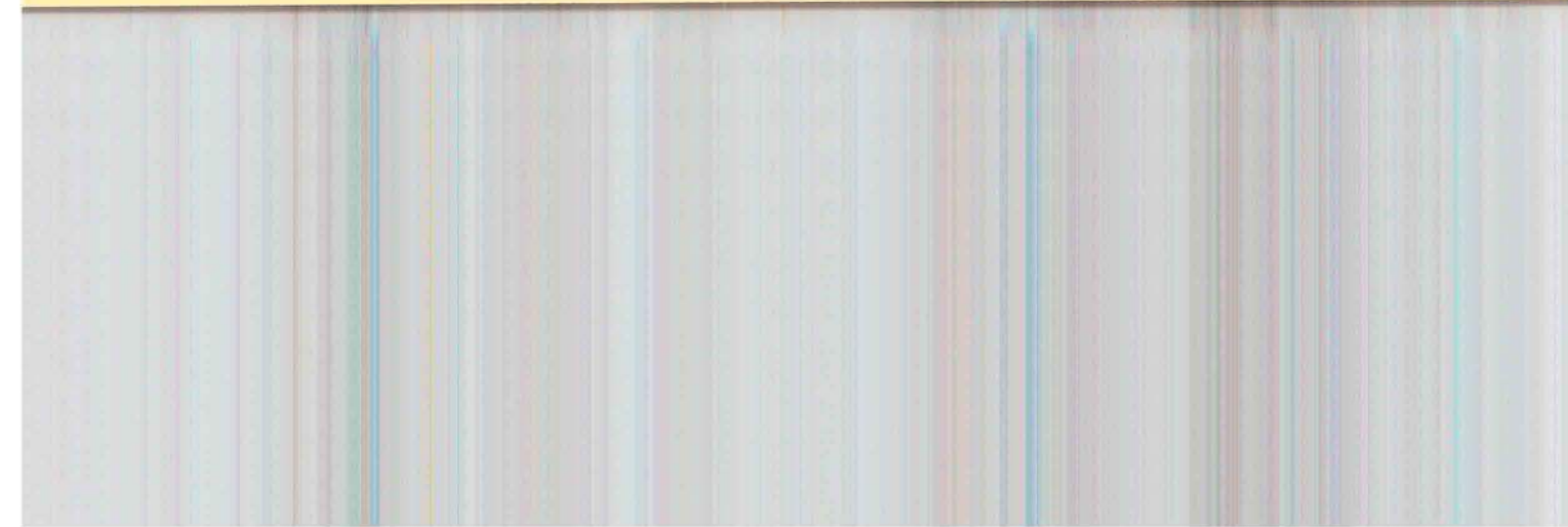
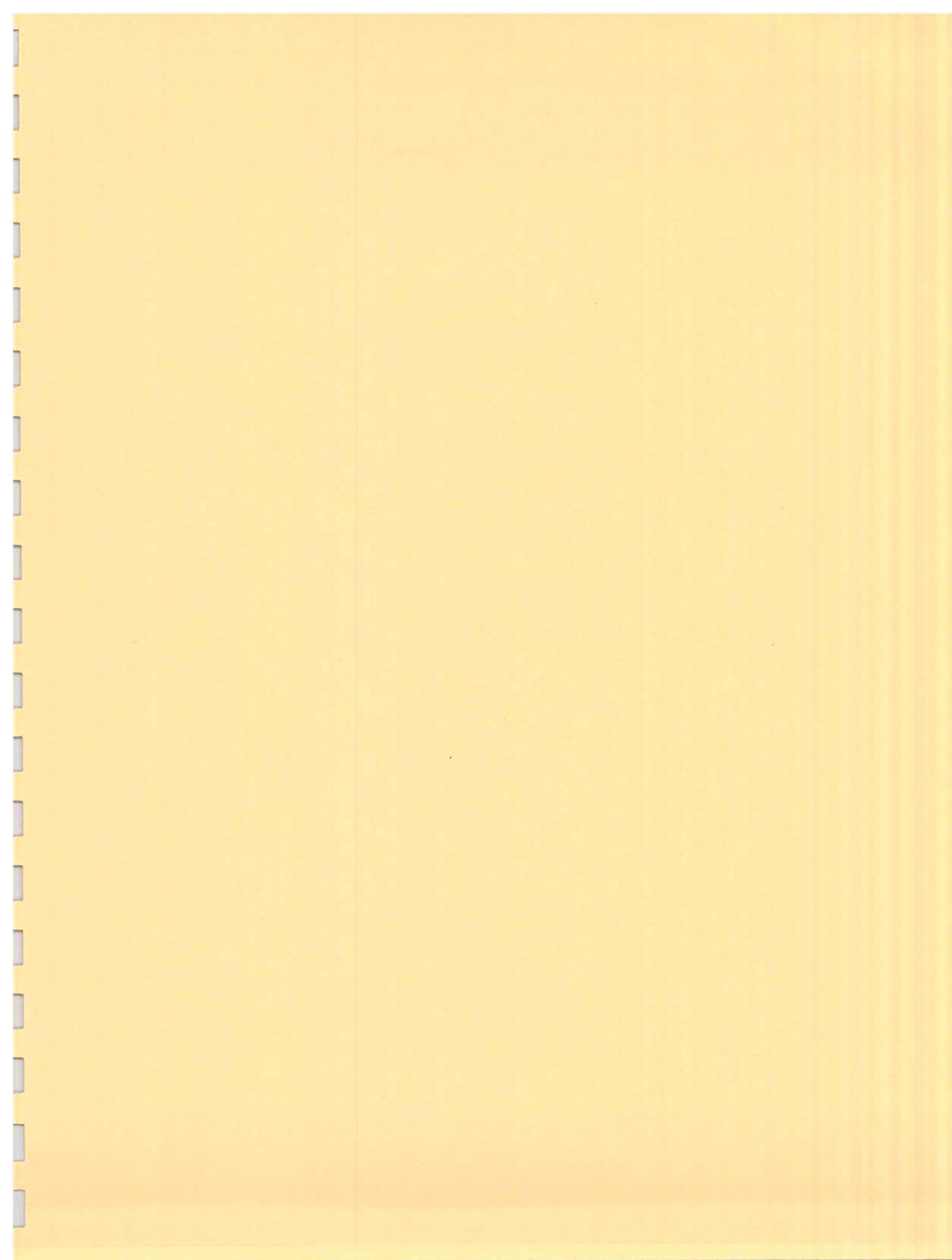
STATE OF FLORIDA

NO. 59687

THOMAS R. FISHER

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 DUNDAS RD., SUITE 200, MADISON, WI 53719) AND WTC (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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COLUMBIA COUNTY FLORIDA OFFICIAL 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 30-4S-17-08898-101

Building permit No. 000023776

Use Classification SFD, UTILITY

Fire: 35.52

Permit Holder JENKINS CONTRACTING, LLC

Waste: 73.50

Owner of Building GREGORY PARKER & MARY THOMAS

Total: 109.02

Location: 122 SW BELLADONNA DR, LAKE CITY, FL 32024

Date: 04/11/2006



Bandy Jones by HJ
Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

23776

Columbia County Building Department
Culvert Permit

Culvert Permit No.
000000868

DATE 10/25/2005 PARCEL ID # 30-4S-17-08898-101
APPLICANT MICHAEL JENKINS PHONE 719-2240
ADDRESS 694 SW MAIN BLVD LAKE CITY FL 32025
OWNER GREGORY PARKER & MARY THOMAS PHONE 305-586-3972
ADDRESS 122 SW BELLADONNA DR LAKE CITY FL 32024
CONTRACTOR JENKINS CONTRACTING, LLC PHONE 719-2240
LOCATION OF PROPERTY 47 S, L WESTER RD, L SW DENDELION WAY, 1ST LOT ON LEFT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT WESTER WOODS 1 1

SIGNATURE 

INSTALLATION REQUIREMENTS

☒

Culvert size will be 18 inches in diameter with a total length of 32 feet, leaving 24 feet of driving surface. Both ends will be mitered 4 foot with a 4 : 1 slope and poured with a 4 inch thick reinforced concrete slab.

INSTALLATION NOTE: Turnouts will be required as follows:

- a) a majority of the current and existing driveway turnouts are paved, or;
 - b) the driveway to be served will be paved or formed with concrete.
- Turnouts shall be concrete or paved a minimum of 12 feet wide or the width of the concrete or paved driveway, whichever is greater. The width shall conform to the current and existing paved or concreted turnouts.

☐

Culvert installation shall conform to the approved site plan standards.

☐

Department of Transportation Permit installation approved standards.

☐

Other _____

ALL PROPER SAFETY REQUIREMENTS SHOULD BE FOLLOWED
DURING THE INSTALLATION OF THE CULVERT.

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

Amount Paid 25.00



Notice of Intent for Preventative Treatment for Termites

(As required by Florida Building Code 104.2.6)

Date: 10/18/05

122 SW BELLADONNA DR

LAKE CITY

(Address of Treatment or Lot/Block of Treatment)

City

Florida Pest Control & Chemical Co.

www.flapest.com

Product to be used: Bora-Care Termiticide (Wood Treatment)

Chemical to be used: 23% Disodium Octaborate Tetrahydrate

Application will be performed onto structural wood at dried-in stage of construction. Bora-Care Termiticide application shall be applied according to EPA registered label directions as stated in the Florida Building Code Section 1861.1.8

(Information to be provided to local building code offices prior to concrete foundation installation.)

6/04 ©

Notice of Treatment			
Applicator: <u>Florida Pest Control & Chemical Co. (www.flapest.com)</u>			
Address: <u>Bava Ave</u>			
City: <u>Lake City</u> Phone: _____			
Site Location: Subdivision <u>Weston vado</u>			
Lot # <u>1</u> Block# <u>1114</u> Permit # <u>23976</u>			
Address <u>122 SW Belladonna Dr</u>			
Product used		Active Ingredient	% Concentration
☐ Premise		Imidacloprid	0.1%
☐ Termitide		Fipronil	0.12%
☒ Bora-Care		Disodium Octaborate Tetrahydrate	23.0%
Type treatment: ☐ Soil ☒ Wood			
Area Treated	Square feet	Linear feet	Gallons Applied
<u>Swelling</u>	<u>976.3752</u>	<u>976</u>	<u>9</u>
As per Florida Building Code 104.2.6 - If soil chemical barrier method for termite prevention is used, final exterior treatment shall be completed prior to final building approval.			
If this notice is for the final exterior treatment, initial this line _____			
<u>1-13-06</u>	<u>1130</u>	<u>P254 Gannu</u>	
Date	Time	Print Technician's Name	
Remarks: _____			
Applicator - White	Permit File - Canary	Permit Holder - Pink	©
10/05			