

DATE 01/24/2005

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000022721

APPLICANT MIKE TODD

PHONE 755-4387

ADDRESS 129 NE COLBURN AVE

LAKE CITY FL 32055

OWNER MIKE TODD

PHONE 755-4387

ADDRESS 122 SW ROYAL COURT

LAKE CITY FL 32024

CONTRACTOR MIKE TODD

PHONE 755-4387

LOCATION OF PROPERTY BRANFORD HIGHWAY, TL ON 242, TL ON ROYAL CT, 1ST LOT ON LEFT

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 104100.00

HEATED FLOOR AREA 2082.00 TOTAL AREA 2986.00 HEIGHT .00 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 9/12 FLOOR SLAB

LAND USE & ZONING RSF-2 MAX. HEIGHT 23

Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00

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

PARCEL ID 21-4S-16-03081-101 SUBDIVISION KENSINGTON

LOT 1 BLOCK PHASE UNIT TOTAL ACRES .50

000000511

N

CGC006209

Culvert Permit No.

Culvert Waiver

Contractor's License Number

Applicant/Owner/Contractor

CULVERT PERMIT

05-0007-N

BK

RJ

Y

Driveway Connection

Septic Tank Number

LU & Zoning checked by

Approved for Issuance

New Resident

COMMENTS: ONE FOOT ABOVE THE ROAD, NOC ON FILE

Check # or Cash 10137

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 \$ 525.00 CERTIFICATION FEE \$ 14.93 SURCHARGE FEE \$ 14.93

MISC. FEES \$.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ WASTE FEE \$

FLOOD ZONE DEVELOPMENT FEE \$ CULVERT FEE \$ 25.00 TOTAL FEE 629.86

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

629.86

For Office Use Only	Application # <u>0501-08</u>	Date Received <u>1/3/05</u>	By <u>G</u>	Permit # <u>511/ 22721</u>
Application Approved by - Zoning Official <u>RLK</u>		Date <u>12.01.05</u>	Plans Examiner _____	Date _____
Flood Zone <u>Xpermt</u>	Development Permit <u>N/A</u>	Zoning <u>RSF-2</u>	Land Use Plan Map Category <u>RES. Low Den.</u>	
Comments _____				

Applicants Name Mike Todd Phone 386 755 4387

Address 129 NE Colburn Avenue, Lake City, FL 32055

Owners Name Mike Todd Phone 386 755 4387

911 Address 122 SW Royal Ct

Contractors Name Mike Todd, Lake City 32024 Phone 386 755 4387

Address 129 NE Colburn Ave, Lake City, FL 32055

Fee Simple Owner Name & Address N/A

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address _____

Mortgage Lenders Name & Address 1st Federal, Lake City, FL

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy

Property ID Number 21-45-16-03081-101 Estimated Cost of Construction 160,000

Subdivision Name Kensington S/D Lot 1 Block _____ Unit _____ Phase _____

Driving Directions: Bradford Hwy South - Left on 2nd
3/4 mile - Left into Kensington S/D
1st lot on left

Type of Construction residential/Single family Number of Existing Dwellings on Property 0

Total Acreage .5 Lot Size _____ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 40.53' Side 48.39' Side 46.47' Rear 35.30'

Total Building Height 23.8' Number of Stories 1 Heated Floor Area 2032 Roof Pitch 6

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.

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Owner Builder or Agent (Including Contractor) _____

Contractor Signature _____

Contractors License Number CGC006209

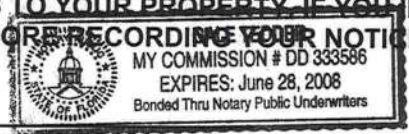
Competency Card Number _____

NOTARY STAMP/SEAL

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
this 3rd day of January 2004.
Personally known _____ or Produced Identification _____

[Signature]
Notary Signature



Compliance with Method B Chapter 6 of the Florida Energy Efficiency Code may be demonstrated by the use of Form 600B for single and multifamily residences of 3 stories or less in height, and additions to existing residential buildings. To comply, a building must meet or exceed all of the energy efficiency prescriptives in any one of the prescriptive component packages and comply with the prescriptive measures listed in Table 6B-1 of this form. An alternative method is provided for additions of 600 square feet or less by use of Form 600C. If a building does not comply with this method, it may still comply under other sections in Chapter 6 of the Code.

PROJECT NAME: AND ADDRESS:	KENSINGTON lot 13 Columbia County	BUILDER:	MIKE TODD
OWNER:	MIKE TODD / JO LYTT	PERMITTING OFFICE:	Columbia
		PERMIT NO.:	22721
		CLIMATE ZONE:	1 ☐ 2 ☐ 3 ☐
		JURISDICTION NO.:	221000

GENERAL DIRECTIONS

1. New construction including additions which incorporates any of the following features cannot comply using this method: steel stud walls, single assembly roof/ceiling construction, or skylights or other non-vertical roof glass.
2. Choose one of the component packages "A" through "E" from Table 6B-1 by which you intend to comply with the Code. Circle the column of the package you have chosen.
3. Fill in all the applicable spaces of the "To Be Installed" column on Table 6B-1 with the information requested. All "To Be Installed" values must be equal to or more efficient than the required levels.
4. Complete page 1 based on the "To Be Installed" column information.
5. Read "Minimum Requirements for All Packages", Table 6B-2 and check each box to indicate your intent to comply with all applicable items.
6. Read, sign and date the "Prepared By" certification statement at the bottom of page 1. The owner or owner's agent must also sign and date the form.

1. Compliance package chosen (A-F)
2. New construction or addition
3. Single family detached or Multifamily attached
4. If Multifamily—No. of units covered by this submission
5. Is this a worst case? (yes / no)
6. Conditioned floor area (sq. ft.)
7. Predominant eave overhang (ft.)
8. Glass type and area :
 - a. Clear glass
 - b. Tint, film or solar screen
9. Percentage of glass to floor area
10. Floor type, area or perimeter, and insulation:
 - a. Slab on grade (R-value)
 - b. Wood, raised (R-value)
 - c. Wood, common (R-value)
 - d. Concrete, raised (R-value)
 - e. Concrete, common (R-value)
11. Wall type, area and insulation:
 - a. Exterior: 1. Masonry (Insulation R-value)
2. Wood frame (Insulation R-value)
 - b. Adjacent: 1. Masonry (Insulation R-value)
2. Wood frame (Insulation R-value)
12. Ceiling type, area and insulation:
 - a. Under attic (Insulation R-value)
 - b. Single assembly (Insulation R-value)
13. Air Distribution System: Duct insulation, location
Test report (attach if required)
14. Cooling system
(Types: central, room unit, package terminal A.C., gas, none)
15. Heating system:
(Types: heat pump, elec. strip, nat. gas, L.P. gas, gas h.p., room or PTAC, none)
16. Hot water system:
(Types: elec., nat. gas, L.P. gas, solar, heat rec., ded. heat pump, other, none)

Please Print		CK
1.	D	
2.	New	
3.	Single family	
4.	0	
5.	NO	
6.	2082	
7.	2'	
Single Pane		Double Pane
8a.	sq. ft.	409 sq. ft.
8b.	sq. ft.	sq. ft.
9.	20 %	
10a.	R= 0	lin. ft.
10b.	R=	sq. ft.
10c.	R=	sq. ft.
10d.	R=	sq. ft.
10e.	R=	sq. ft.
11a-1	R=	sq. ft.
11a-2	R= 13	2111 sq. ft.
11b-1	R=	sq. ft.
11b-2	R=	sq. ft.
12a.	R= 22	2106 sq. ft.
12b.	R=	sq. ft.
13.	R= 6	
14a.	Type: CENTRAL	
14b.	SEER/EER: 12.0	
14c.	Capacity: 3.9 BTU	
15a.	Type: Heat Pump	
15b.	HSPF/COP/AFUE:	
15c.	Capacity: 30 K BTU	
16a.	Type: Heat Recovery	
16b.	EF:	

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

PREPARED BY: [Signature] DATE: 6/16/04

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

OWNER AGENT: [Signature] DATE: 6/16/04

Review of 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 in accordance with Section 553.908, F.S.

BUILDING OFFICIAL: _____

DATE: _____

Permit Application Number 050007N

Scale: 1 inch = ⁴⁰~~50~~ feet.



Plot 7 Kensington

Site Plan submitted by:

Plan Approved:

By _____

Not Approved

MASTER CONTRACTOR

Date 1-5-08

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

COLUMBIA COUNTY 9-1-1 ADDRESSING

263 NW Lake City Ave. * P. O. Box 2949 * Lake City, FL 32056-2949
PHONE: (386) 752-8787 * 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: December 17, 2004

ENHANCED 9-1-1 ADDRESS:

122 SW ROYAL CT (LAKE CITY, FL 32024)

Addressed Location 911 Phone Number: NOT AVAIL.

OCCUPANT NAME: NOT AVAIL.

OCCUPANT CURRENT MAILING ADDRESS: _____

PROPERTY APPRAISER MAP SHEET NUMBER: 46C

PROPERTY APPRAISER PARCEL NUMBER: 21-4S-16-03081-101

Other Contact Phone Number (If any): _____

Building Permit Number (If known): _____

Remarks: LOT 1 KENSINGTON S/D

Address Issued By: _____

Columbia County 9-1-1 Addressing Department

COLUMBIA COUNTY
9-1-1 ADDRESSING
APPROVED

THIS INSTRUMENT WAS PREPARED BY:

TERRY McDAVID 04-810
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

RETURN TO:

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

Inst:2005000645 Date:01/11/2005 Time:10:29

Doc Stamp-Deed : 70.00

MK DC,P.Dewitt Cason,Columbia County B:1035 P:604

Property Appraiser's
Identification Number R03081-101

WARRANTY DEED

This Warranty Deed, made this 10th day of January, 2005, BETWEEN JUANA JO LYTTE, whose post office address is 366 SE Edgewood Lane, Lake City, FL 32025, of the County of Columbia, State of Florida, grantor*, and JUANA JO LYTTE and FRANK A. TODD, III, each as to an undivided 1/2 interest, whose post office address is 366 SE Edgewood Lane, Lake City, FL 32025, of the County of Columbia, 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, KENSINGTON, a subdivision according to the plat thereof as recorded in Plat Book 6, Pages 193 and 194 of the public records of Columbia County, Florida.

N.B.: Neither the Grantor nor any member of her family live on or reside on the property described herein or any adjacent land thereto or claim any part hereof for any adjacent land thereto as their homestead.

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.

THIS INSTRUMENT WAS PREPARED BY:
TERRY McDAVID 04-810
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

Inst:2005000647 Date:01/11/2005 Time:10:29
mk DC,P.DeWitt Cason,Columbia County B:1035 P:614

PERMIT NO. _____

TAX FOLIO NO.: R03081-101

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, KENSINGTON, a subdivision according to the plat thereof as recorded in Plat Book 6, Pages 193-194 of the public records of Columbia County, Florida.

2. General description of improvement: Construction of Dwelling

3. Owner information:

a. Name and address: JUANA JO LYTTE, 366 SE Edgewood Lane, Lake City, FL 32025

b. Interest in property: Fee Simple

c. Name and address of fee simple title holder (if other than Owner): None

4. Contractor: MIKE TODD CONSTRUCTION
129 NE Colburn, Lake City, FL 32025

5. Surety n/a

a. Name and address:
b. Amount of bond:

6. Lender: FIRST FEDERAL SAVINGS BANK OF FLORIDA
4705 West U.S. Highway 90
Post Office Box 2029
Lake City, FL 32056

7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes: NONE

8. In addition to himself, Owner designates TERESA DAVIS of FIRST FEDERAL SAVINGS BANK OF FLORIDA, 4705 West U.S. Highway 90, Post Office Box 2029, Lake City, FL 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). January 10, 2006.

JUANA JO LYTTE

FRANK A. TODD, III

The foregoing instrument was acknowledged before me this 10th day of January, 2005, by JUANA JO LYTTE and FRANK A. TODD, III, who are personally known to me and who did not take an oath.



[Signature]
Notary Public
My commission expires: _____

**Columbia County Building Department
Culvert Permit**

**Culvert Permit No.
000000511**

DATE 01/24/2005 PARCEL ID # 21-4S-16-03081-101

APPLICANT MIKE TODD PHONE 755-4387

ADDRESS 129 NE COLBURN AVE LAKE CITY FL 32055

OWNER MIKE TODD PHONE 755-4387

ADDRESS 122 SW ROYAL COURT LAKE CITY FL 32024

CONTRACTOR MIKE TODD PHONE 755-43287

LOCATION OF PROPERTY BRANFORD HIGHWAY, TL 242, TL ON ROYAL COURT, 1ST LOT ON LEFT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT KENSINGTON 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.

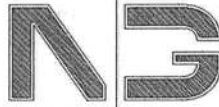
135 NE Hernando Ave., Suite B-21

Lake City, FL 32055

Phone: 386-758-1008 Fax: 386-758-2160

Amount Paid 25.00





**NICHOLAS
PAUL
GEISLER**
ARCHITECT
N.C.A.R.B. Certified

1758 NW Brown Road
Lake City, FL 32055
386/755-9021

15 JUNE 2005

RANDY JONES
COLUMBIA COUNTY BUILDING DEPARTMENT
COLUMBIA COUNTY COURTHOUSE ANNEX
LAKE CITY, FLORIDA 32055

RE: SPEC HOUSE for KENSINGTON LOT 1
PERMIT Nr.: 22721

DEAR MR. JONES:

PLEASE BE ADVISED OF THE FOLLOWING CHANGES FOR THE ABOVE
REFERENCED PROJECT:

1. HOLDDOWNS AT THE GARAGE DOOR OPENING SHALL BE AS PER "SIMPSON" PHA5-SDS3 WITH ALL REQUIRED FASTENERS. THE ANCHOR BOLT SHALL BE 5/8"Ø ALL THREAD ROD SET WITH 2 PART CONSTRUCTION EPOXY IN A 3/4"Ø DRILLED HOLE X 7" DEEP INTO THE CONCRETE FOUNDATION.
2. THE BEAM AT THE 12'-0" WALL OPENING SHALL BE AS FOLLOWS: 2-1 3/4" X 11 1/8" 2.0E L.V.L. WITH DBL. JACK STUDS AND DBL KING STUDS AT EACH END. THE BEAM SHALL BE SECURED TO THE STUD POSTS WITH 3 "SIMPSON" ST22 STRAPS AT EACH END, WITH ALL HOLES FILLED WITH THE APPROVED NAILS. THE STUD POSTS SHALL BE ANCHORED TO THE CONCRETE FOUNDATION WITH 1 "SIMPSON" HT16 ANCHOR WITH ALL HOLES FILLED WITH THE APPROVED NAILS. THE ANCHOR BOLT SHALL BE 5/8"Ø ALL THREAD ROD SET WITH 2 PART CONSTRUCTION EPOXY IN A 3/4"Ø DRILLED HOLE X 5" DEEP INTO THE CONCRETE FOUNDATION.

SHOULD YOU HAVE ANY QUESTION WITH THE FOREGOING, PLEASE CALL FOR
ASSISTANCE.

YOURS TRULY,
NICHOLAS PAUL GEISLER, ARCHITECT AR0007005

22721

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:1SML487-Z0128081512

Truss Fabricator: Anderson Truss Company
Job Identification: 413-MIKE TODD / KENSINGTON
Truss Count: 2
Model Code: Florida Building Code 2001
Truss Criteria: ANSI/TPI-1995
Engineering Software: Alpine Software, Version 7.04.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-98 -Closed

Notes:

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

Details: A11015EC-GBLLETIN



Seal Date: 04/28/2005

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

#	Ref	Description	Drawing#	Date
1	19123--BGE		05118002	04/28/05
2	19124--B		05118001	04/28/05



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

110 mph wind, 11.45 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

SPECIAL LOADS

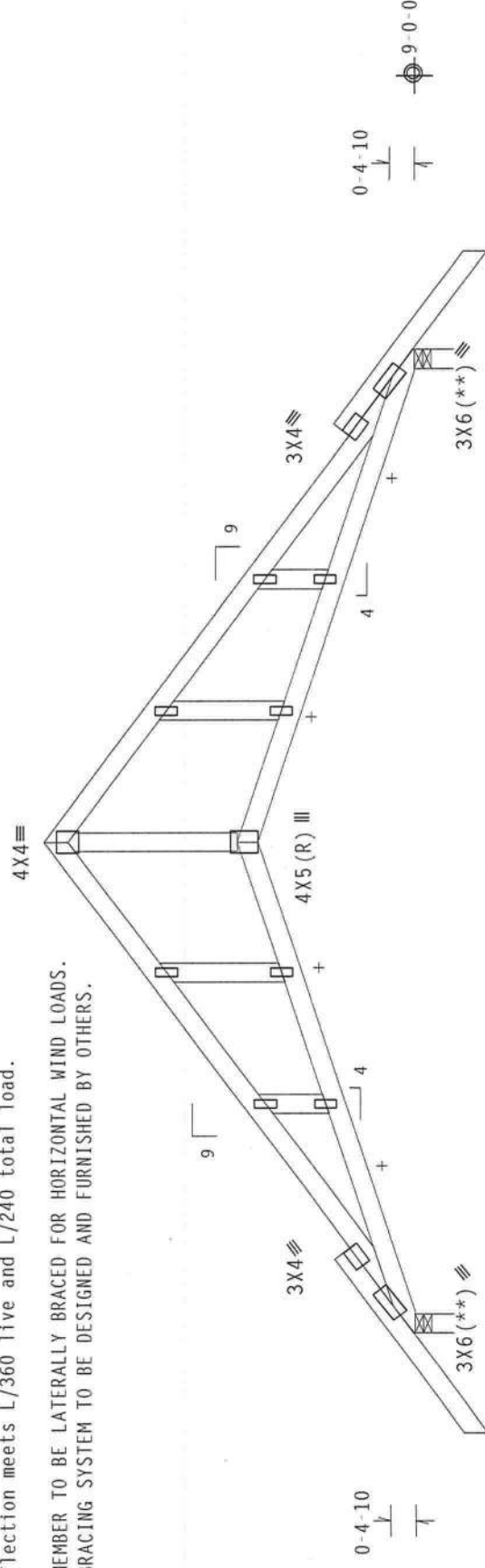
----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)			
TC	From	82 PLF at -1.50 to	82 PLF at 16.50
BC	From	4 PLF at -1.50 to	4 PLF at 0.00
BC	From	20 PLF at 0.00 to	20 PLF at 15.00
BC	From	4 PLF at 15.00 to	4 PLF at 16.50

See DWGS A11015EC1103 & GBULLETIN1103 for more requirements.

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.

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

+ MEMBER TO BE Laterally Braced For Horizontal Wind Loads.
Bracing System To Be Designed And Furnished By Others.



Elevation view of a bridge structure. The structure is supported by two main supports, with a total span of 15'-0" over the supports. The structure is divided into three main sections: a left approach, a central span, and a right approach. The left approach has a total length of 1'-6" and is divided into a 1'-3" section and a 1'-3" section. The central span has a total length of 15'-0" and is divided into three sections: a 6'-2" section, a 6'-2" section, and a 7'-6" section. The right approach has a total length of 1'-6" and is divided into a 1'-3" section and a 1'-3" section. The structure is supported by two main supports, with a total span of 15'-0" over the supports. The structure is divided into three main sections: a left approach, a central span, and a right approach. The left approach has a total length of 1'-6" and is divided into a 1'-3" section and a 1'-3" section. The central span has a total length of 15'-0" and is divided into three sections: a 6'-2" section, a 6'-2" section, and a 7'-6" section. The right approach has a total length of 1'-6" and is divided into a 1'-3" section and a 1'-3" section.

R-894 U=306 W=3.5" R-894 U=306 W=3.5"

Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave TPI

Design Crit: TPI-1995 (STD) / FBC

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

Scale = .375"/Ft.

WARNING TRUSSES REQUIRE ERECT CARE IN ERECTION. HANDED LIFTING, INSTALLING AND BRACING. **TRUSSING COMPANY SAFETY INFORMATION**, PUBLISHED BY TPI TRUSSING PLATE INSTITUTE, 503 DORCHESTER ST., SUITE 200, MADISON, MI 48131, AND MFA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE DR., MADISON, MI 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 FLEET CEILING.

***IMPORTANT:** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. AN/TFE ENGINEERS PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-1 ON FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. ALL MATERIALS AND CONNECTIONS SHALL BE APPROVED BY THE DESIGNER. ALL WELDS SHALL BE MADE TO THE FOLLOWING SPECIFICATIONS: WELDING SHALL BE DONE TO AWS D1.1, E70XX, EXCEPT WHERE SHOWN OTHERWISE. ALL BOLTS SHALL BE TYPE A325 OR A490, EXCEPT WHERE SHOWN OTHERWISE. ALL 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 AREA X OF TPI-1-2002 SECTION 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY LOCAL PERMITS AND FOR THE SEAL ON THIS DRAWING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE QUALITY AND RELIABILITY OF THE INFORMATION PROVIDED AND FOR THE ACCURACY OF THE DIMENSIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION AND USE OF THIS COMPONENT FOR ANY BUILDING. IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER AREA X OF TPI-1-2002 SECTION 3.

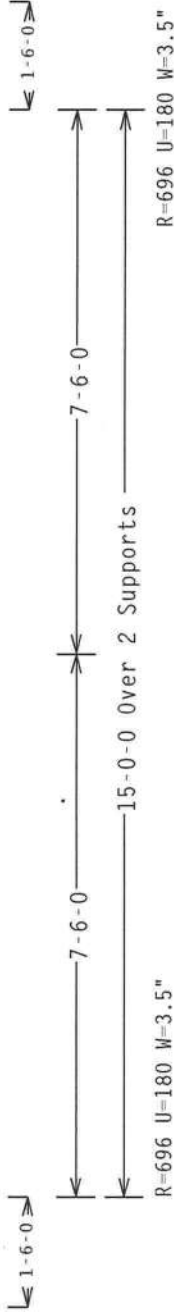
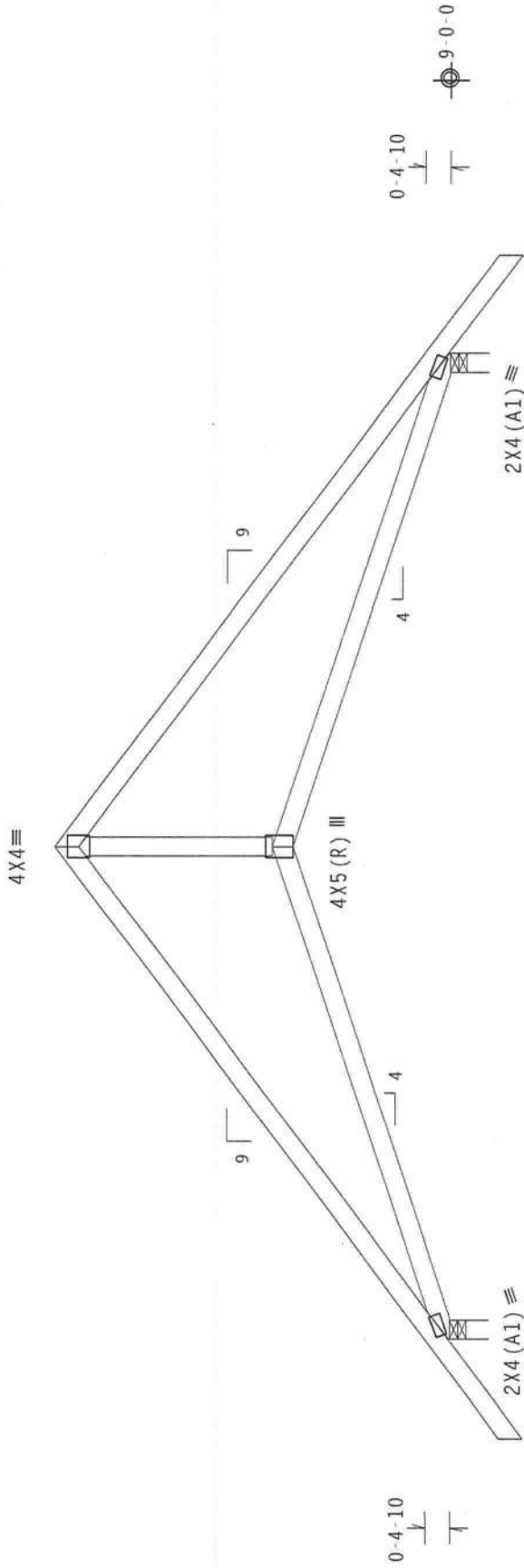
THOMAS R. FISHER
 CERTIFICATE
 No. 59687
 STATE OF
 FLORIDA
 PROFESSIONAL ENGINEER
 April 28, 2005

(413-MIKE TODD / KENSINGTON - B)

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

110 mph wind, 11.64 ft mean hgt, ASCE 7-98, CLOSED bldg. Located
anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04

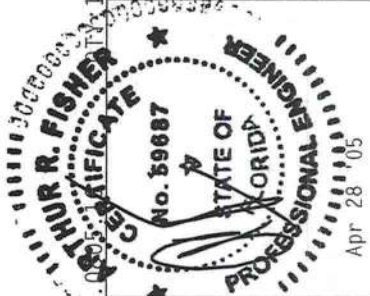
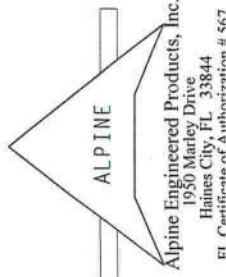
FL/-13/-1-/R/-

Scale =.375"/Ft.

REF	R487--	19124
DATE	04/28/05	
DRW	HCUSR487	05118001
HC-ENG	JB/AF	*
SEQN	3665	
TOT.LD.	40.0	PSF
DUR.FAC.	1.25	
SPACING	24.0"	
JREF	1SMI 487	701

****WARNING**** TRUSSES PROVIDE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 5812 DUNDAS DR., SUITE 200, MADISON, WI 53719) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, 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 BRIDGE CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/PS) AND TPI. ALPINE ENGINEERED PRODUCTS, INC. IS NOT RESPONSIBLE FOR THE DESIGN OF THE TRUSS OR THE STRUCTURE TO WHICH IT IS ATTACHED. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANEX A3 OF TPI-2002 SEC.3. APPLY THE FOLLOWING TO THE TRUSS: (1) THE TRUSS SHALL BE DESIGNED PER THE DESIGN LOADS AND WIND LOADS SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



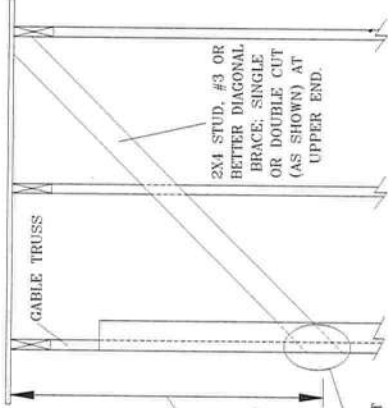
ASCE 7-98: 110 MPH WIND SPEED, 15' MEAN HEIGHT, ENCLOSED, I = 1.00, EXPOSURE C

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

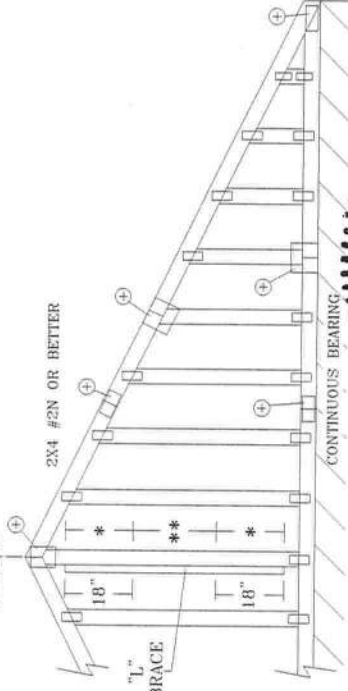
DIAGONAL BRACE OPTION:
VERTICAL LENGTH MAY BE
DOUBLED WHEN DIAGONAL
BRACE IS USED. CONNECT
DIAGONAL BRACE FOR 600#
AT EACH END. MAX WEB
TOTAL LENGTH IS 14".

VERTICAL LENGTH SHOWN
IN TABLE ABOVE.

CONNECT DIAGONAL AT
MIDPOINT OF VERTICAL WEB.



SYMM. ABOUT



REFER TO CHART ABOVE FOR TOTAL LENGTH.

BRACING GROUP SPECIES AND GRADES:

GROUP A:

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

DOUGLAS FIR-LARCH

#3 STUD	SOUTHERN PINE
STANDARD	#3 STUD
	STANDARD

GROUP B:

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

SOUTHERN PINE

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

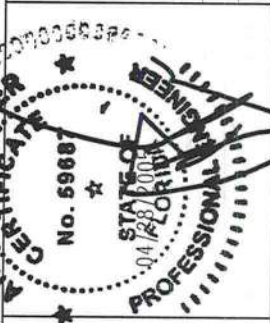
** FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C. IN 18" END ZONES AND 6" O.C. BETWEEN ZONES.

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

GABLE VERTICAL PLATE SIZES			
VERTICAL LENGTH	NO SPLICE	1X4 OR 2X3	2X4
LESS THAN 4' 0"			
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.			

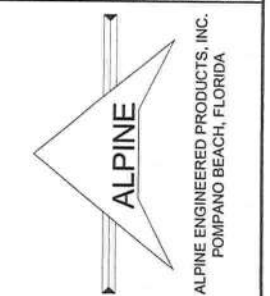
REF	ASCE 7-98-GABI1015
DATE	11/26/03
DRWG	AI1015EC1103
ENG	

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

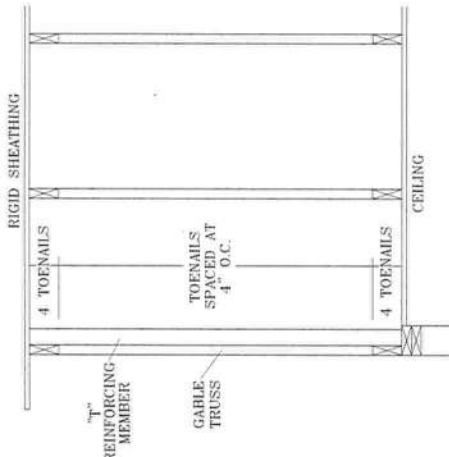
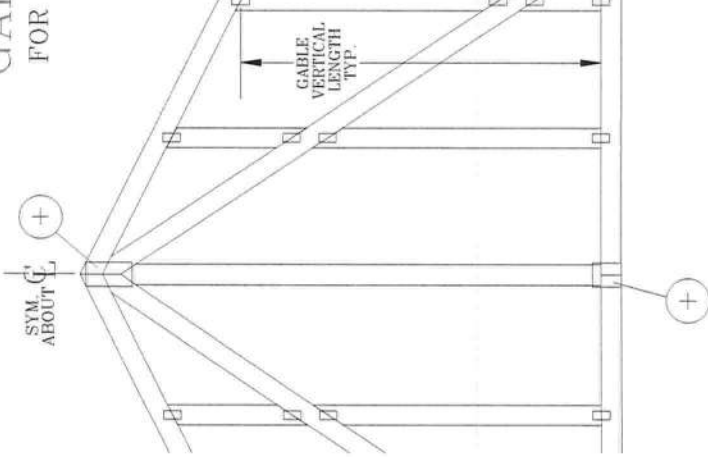


WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DETAIL 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 1000 INDUSTRIAL PARKWAY, SUITE 100, WILMINGTON, DE 19804. AND VITA (WOOD TRUSS CONSTRUCTION) PUBLISHED BY VITA, 1000 INDUSTRIAL PARKWAY, SUITE 100, WILMINGTON, DE 19804. THESE FUNCTIONS, UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE A 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 FOLLOW THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING. TRUSSES ARE TO BE USED IN ACCORDANCE WITH THE TPI TRUSS PLATE INSTITUTE. BY A/E/S/P AND T.E.S. ALSO, THE USER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS. 40/60 (A/E/H/S) G.A.V. STEEL APPLY PLATES TO EACH CHORD END OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1004-2. ANY INSPECTION OF THE TRUSS SHALL BE PER ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF THE PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.



GABLE DETAIL
FOR LET-IN VERTICALS



PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.

ATTACH EACH "T" REINFORCING MEMBER WITH

HAND DRIVEN NAILS:

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

GUN DRIVEN NAILS - 0.131" X 3"

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

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

ASCE 7-93 GABLE DETAIL DRAWINGS

A1015EN1103, A10015EN1103, A09015EN1103, A08015EN1103, A07015EN1103
A1030EN1103, A10030EN1103, A09030EN1103, A08030EN1103, A07030EN1103

ASCE 7-98 GABLE DETAIL DRAWINGS

A13015EC1103, A12015EC1103, A11015EC1103, A10015EC1103, A08515EC1103
A13030EC1103, A12030EC1103, A11030EC1103, A10030EC1103, A08530EC1103

SBCCI GABLE DETAIL DRAWINGS

S11015EN1103, S10015EN1103, S09015EN1103, S08015EN1103, S07015EN1103
S11030EN1103, S10030EN1103, S09030EN1103, S08030EN1103, S07030EN1103

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

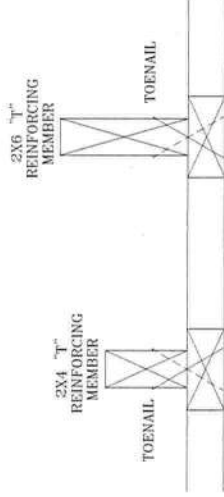
GABLE VERTICAL PLATE SIZES

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

* REFER TO ENGINEERED TRUSS DESIGN FOR PEAK, SPICE, WEB AND HEEL PLATES.

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

EXAMPLE:



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

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

WEB LENGTH INCREASE W/ "T" BRACE

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

EXAMPLE:

ASCE WIND SPEED = 100 MPH

MEAN ROOF HEIGHT = 30 FT

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

"T" REINFORCING MEMBER SIZE = 2X4

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

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

MAXIMUM "T" REINFORCED GABLE VERTICAL LENGTH

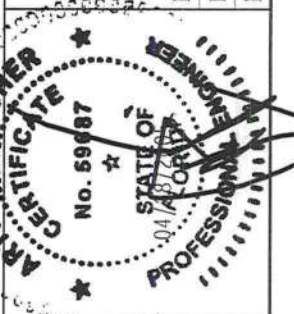
1.10 x 6' 7" = 7' 3"

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 D'ONOFRI RD., SUITE 200, MADISON, WI 53719), AND VITCA (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 CONTRACTORS. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/160A (W/H/S/S) ASTM A653 GRADE 40/50 (W/A/15) 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 RESPONSIBLE FOR THE DESIGN. A WARNING INDICATES ACCEPTANCE OF THE DESIGN. THE DESIGNER'S RESPONSIBILITY FOR THE BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.



ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA



REPLACES DRAWINGS GAB98117 876,719 & HC26294035

REF	LET-IN VERT
DATE	01/16/04
DRWG	GBLETIN1103
-ENG	DLJ/KAR
MAX TOT. LD.	60 PSF
DUR. FAC.	ANY
MAX SPACING	24.0"

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:1SLY487-Z0505155410

Truss Fabricator: Anderson Truss Company
Job Identification: 413-MIKE TODD / KENSINGTON
Truss Count: 38
Model Code: Florida Building Code 2001
Truss Criteria: ANSI/TPI-1995;ANSI/TPI-1995(STD)/FBC
Engineering Software: Alpine Software, Versions 7.04.0805.15, 7.10.0729.20.
Structural Engineer of Record:

Address:
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-98 -Closed

Notes:

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

Details: BRCLBSUB-TCFILLER-BCFILLER-A11015EC-GBLLETIN-CNBRGBLK

Seal Date: 04/05/2005

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

#	Ref	Description	Drawing#	Date
1	07009--A1		05095108	04/05/05
2	07010--AT1		05095109	04/05/05
3	07011--H15A		05095110	04/05/05
4	07012--H7A		05095122	04/05/05
5	07013--H11A		05095111	04/05/05
6	07014--H13A		05095112	04/05/05
7	07015--H9A		05095113	04/05/05
8	07016--HM7A		05095114	04/05/05
9	07017--HM9A		05095115	04/05/05
10	07018--HM11A		05095116	04/05/05
11	07019--HM13A		05095117	04/05/05
12	07020--A		05095118	04/05/05
13	07021--BGE		05095119	04/05/05
14	07022--B		05095120	04/05/05
15	07023--BS		05095121	04/05/05
16	07024--B-1		05095126	04/05/05
17	07025--H5D		05095123	04/05/05
18	07026--D		05095124	04/05/05
19	07027--DT		05095125	04/05/05
20	07028--D-1		05095127	04/05/05
21	07029--GA		05095128	04/05/05
22	07030--GS		05095129	04/05/05
23	07031--GS1		05095145	04/05/05
24	07032--GGE		05095130	04/05/05
25	07033--CJ1		05095131	04/05/05
26	07034--HJ5		05095132	04/05/05
27	07035--HJ7		05095133	04/05/05
28	07036--CJ3		05095134	04/05/05
29	07037--CJ5		05095135	04/05/05
30	07038--EJ7		05095136	04/05/05
31	07039--HM15AP		05095137	04/05/05
32	07040--HM17AP		05095138	04/05/05
33	07041--HM19AP		05095139	04/05/05
34	07042--AP		05095140	04/05/05
35	07043--A1P		05095141	04/05/05
36	07044--H21AP		05095142	04/05/05
37	07045--H19AP		05095143	04/05/05
38	07046--H17AP		05095144	04/05/05

Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Page 1 of 1 Document ID: ISLY487-Z0505155410

Truss Fabricator: Anderson Truss Company
Job Identification: 413-MIKE TODD / KENSINGTON (413|-)
Truss Count: 4
Model Code: Florida Building Code 2001
Truss Criteria: ANSI/TPI-1995; ANSI/TPI-1995 (STD) / FBC
Engineering Software: Alpine Software, Versions 7.04.0805.15, 7.10.0729.20.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-98 - Closed

Notes:

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

Seal Date: 04/05/2005

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

Revised Trusses

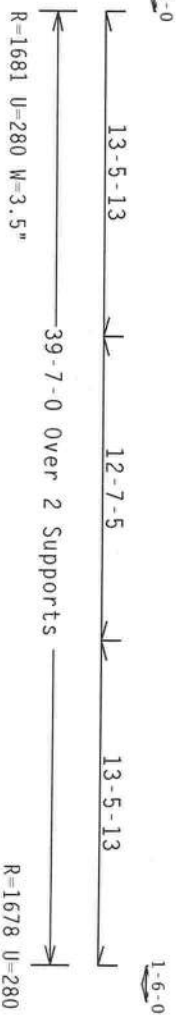
#	Ref	Description	Drawing#	Date
1	07012--H7A		05095122	04/05/05
2	07024--B-1		05095126	04/05/05
3	07028--D-1		05095127	04/05/05
4	07031--GS1		05095145	04/05/05

ALPINE

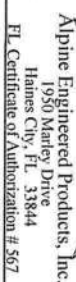


110 mph wind, 14.88 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf

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



Scale = .125" / Ft.



ALPINE ENGINEERED

PROCESS IN CONFORMANCE WITH THE TYPE OF FABRICATING, MOUNTING, OR INSTALLATION OF THE DESIGN COMPONENTS. THE DESIGN COMPONENTS ARE: (1) FABRICATING, MOUNTING, OR INSTALLATION OF THROUSSES, CONDUCTOR PLATES AND MOUNTS OF 20/18/1664 (OH/HS/AS) ASH 6653 GROUND 40/60 (0.4/0.5) GALT STEEL, PLATES TO EACH FACE OF THROSS AND, (2) FABRICATING, MOUNTING, OR INSTALLATION OF THROUSSES AND INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMEND A OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOCIETY FOR THE THOUS COMPONENTS 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.



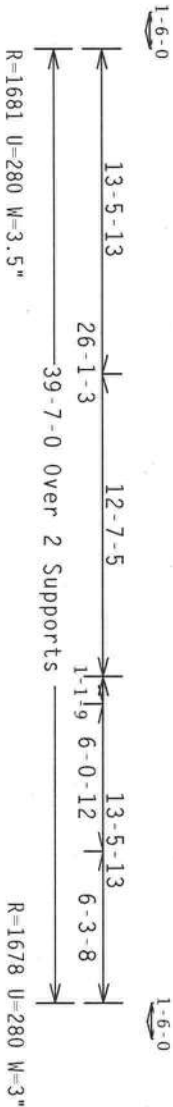
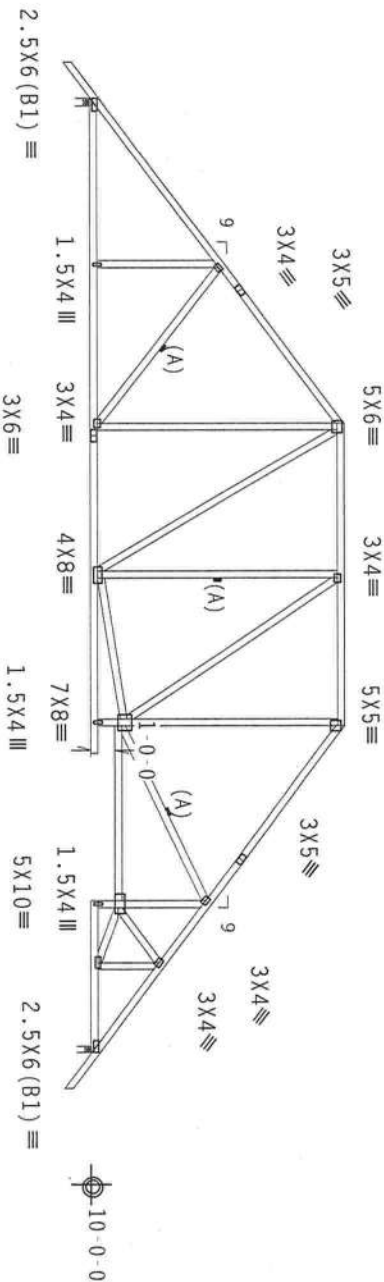
TC LL	20.0 PSF	REF	R487 - - 7009
TC DL	10.0 PSF	DATE	04/05/05
BC DL	10.0 PSF	DRW	HCUSR487 05095108
BC LL	0.0 PSF	HC-ENG	TCE/AF
TOT.LD.	40.0 PSF	SEQN-	10037
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SLY487_Z05

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

110 mph wind, 14.88 ft mean hgt, ASCE 7-98, CLOSED bldg, not
located within 4.50 ft from roof edge, CAT II, EXP B, wind TC
DL=5.0 psf, wind BC DL=5.0 psf.

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

See DWGS TCILLER1103 and BCILLER1103 for filler details.
(A) Continuous lateral bracing equally spaced on member.



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04.08

FL/-/4/-/1-/R/-

Scale = .125"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 583 D'ONOFIO DR., SUITE 200, MADISON, WI 53719, AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6700 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.

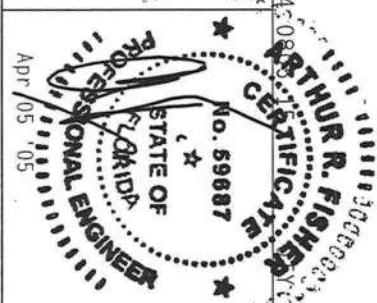
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OF FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AOS (NATIONAL DESIGN SPEC. BY AISC) AND TPI. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OF FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

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

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

FL Certificate of Authorization # 567



SPACING	24.0"	JREF - 1SLY487_205
DUR.FAC.	1.25	
TOT.LD.	40.0 PSF	HC-ENG TCE/AF
BC DL	10.0 PSF	DRW HCUSR487 05095109
TC DL	10.0 PSF	DATE 04/05/05
REF	R487-- 7010	

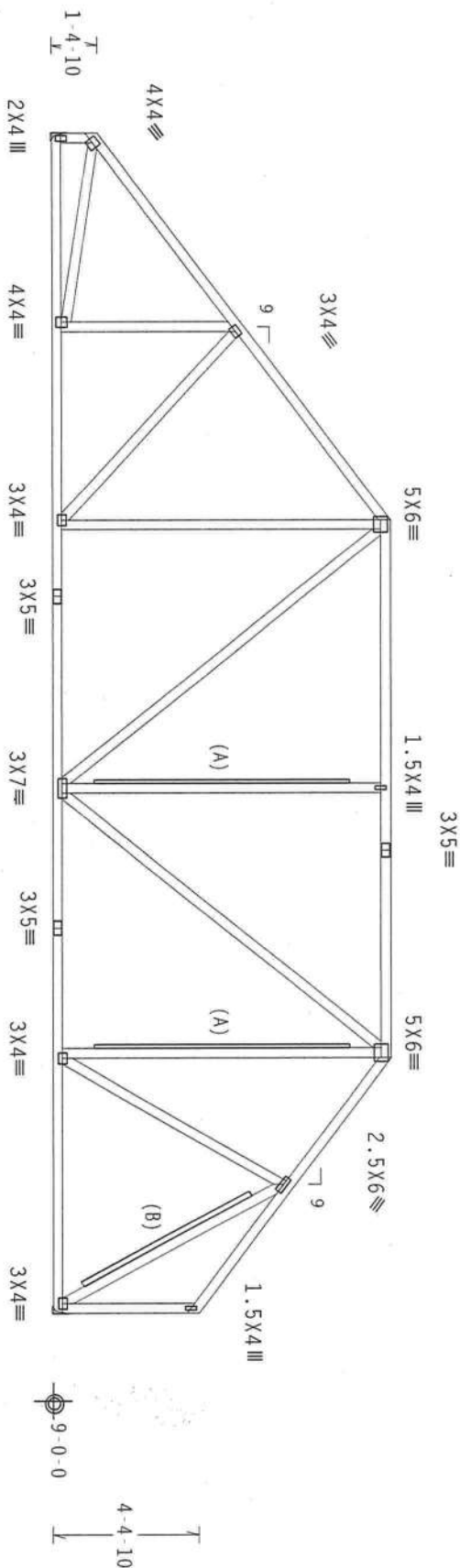
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STC DL	10.0 PSF	DATE	04/05/05
BC DL	10.0 PSF	DRW	HCSUR487 05095122
BC LL	0.0 PSF	HC-ENG	TCE/AF
TOT.LD.	40.0 PSF	SEON -	50606 REV
DUR.FAC.	1.25		
SPACING	SEE ABOVE	REF -	1SLY487_Z05

(B) 2x4 SP #3 or better "T" brace, 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5", min.) nails @ 6" OC.

Right end vertical not exposed to wind pressure.

(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.



R=1423 U=229 H=Stimpson HUS26
w/ (6) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So. Pine

R-1423 U-246 H=Stimpson HUS26
 10d Common, 0.148"x3.0" nails in Truss
 10d Common, 0.148"x3.0" nails in Girder
 (1)2X6 min. So.Pine

PLT TYP. Wave TPI

Design Crit: $TPI-1995(STD)/FBC$

7.04:0805:ARTIFICIALITY

Scale = .1875" / Ft.



WARNING: THESE REQUIRE EXPERT CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DECS 1-103 (BUILDING COMPONENT SAFETY INFORMATION), CONSULTED BY THE TROSS PLANT INSTITUTE, 563 D'ORNO RO. SUITE 200, MADISON, WI 53719 AND WITH A GOOD TROSS COUNCIL OF AMERICA, 6200 ENTERPRISE IN. 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 LIGID CEILING.

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

ALPINE

Alpine Engineered Products, Inc.

Haines City, FL 33844
FL Certificate of Authorization # 567

110 mph wind, 13.26 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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



R=1423 U=257 H=Simpson HUS26
W¹/₂ (6) 10d Common, 0.148"x3.0" nails in Truss
W¹/₂ (24) 10d Common, 0.148"x3.0" nails in Girder
Rafter (1) 2X6 min. So. Pine

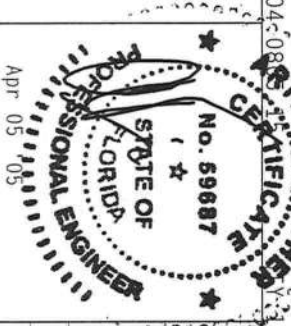
Scale = .1875"/Ft.



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

TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

PLATES TO EACH FACE OF THICK AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2 THROUGH 160A-7. THE DESIGN SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE AISC STEEL CONSTRUCTION MANUAL, THIRD EDITION, PART 9, SECTION 13. THE DESIGN SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE AISC STEEL CONSTRUCTION MANUAL, THIRD EDITION, PART 9, SECTION 13. THE DESIGN SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE AISC STEEL CONSTRUCTION MANUAL, THIRD EDITION, PART 9, SECTION 13.



FL/-4/-/-R/-		Scale = .1875"/Ft.
TC LL	20.0 PSF	REF R487 - 7015
TC DL	10.0 PSF	DATE 04/05/05
BC DL	10.0 PSF	DRW HCUR487 05095113
BC LL	0.0 PSF	HC-ENG TCE/AF
TOT.LD.	40.0 PSF	SEQN - 10103
DUR.FAC.	1.25	
SPACING	24.0"	JREF - 1SLV487 205

(B) 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.

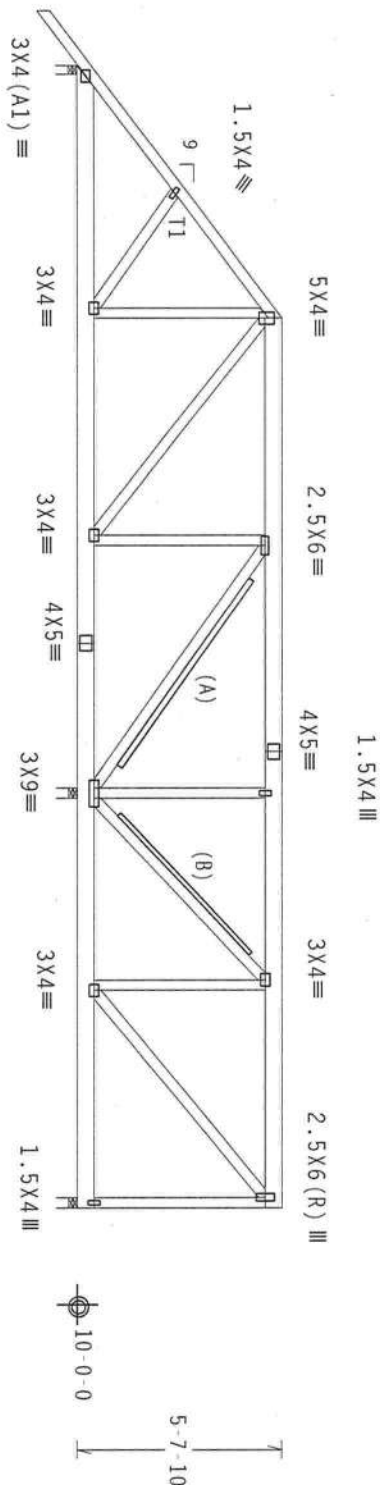
#1 hip supports 7-0-0 jacks with no webs.

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

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

Right end vertical not exposed to wind pressure.

(A) 2x6 SP #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5", min.) nails @ 6" OC.



7-0-0

20-1-12

24-7-0

31-7-0 over 3 Supports

R=1441 U=274 W=3"

R=3202 U=593 W=3.5"

PLT TYP. Wave TPI

Design Crit: $TPI-1995(STD)/FBC$

7.0

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

Scale = .1875"/Ft.



Alpine Engineered Products, Inc.

Haines City, FL 33844

****WARNING**** - PERSONS BEHAVING EXTREME CARE IN FABRICATING, HANDLING, APPLYING, INSTALLING AND BRACING REFER TO RECI-1-703 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TUBES PLATE INSTITUTE, 583 O'CONNOR RD., SUITE 200, MOHAWK, NY 53419), AND TUBE TUBES COMPANY OF AMERICA, 6200 ENTERPRISE LA., MOHAWK, NY 53419) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, FOR CORROD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CORROD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

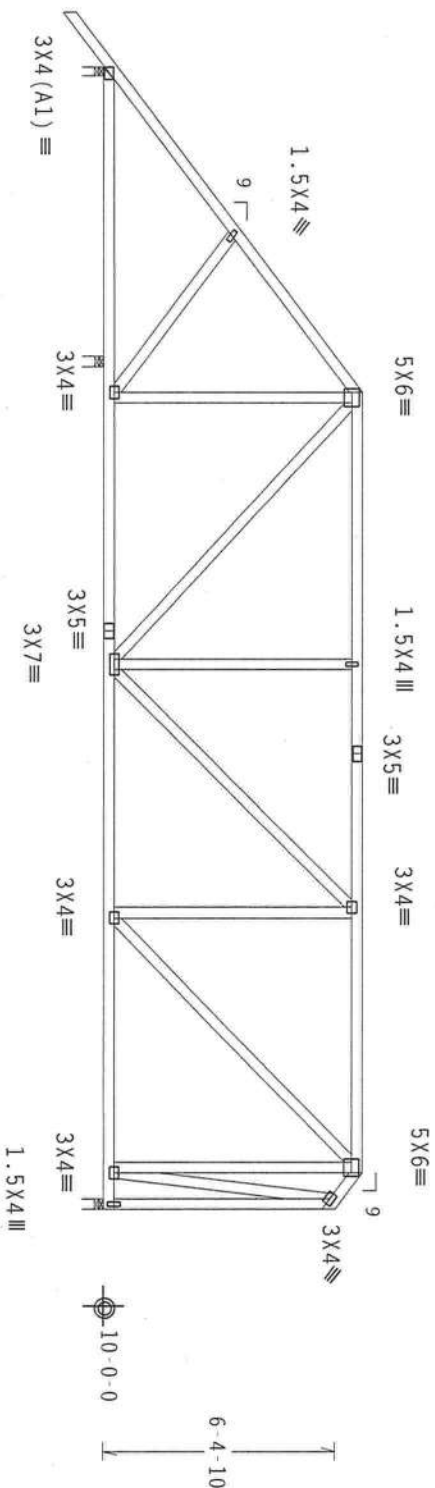
****IMPORTANT**** - FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. IF ANY FAILURE TO BUILD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE DESIGN CONFORMS WITH ANY APPLICABLE PROVISIONS OF ANY INTERNATIONAL DESIGN SPECIFIC TO AREA(S) AND TPI. ALL CONCRETE JOINTS ARE MADE OF 20/180/1065 (W/45/25) ASTM A588 GRADE 40/460 (A/ 42/50) GARY, STEEL, APPLY CLAVES TO EACH FACE OF JOINTS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, SEE SECTION 1600-2. PER INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER. AMEY AS OF TPI-1-2002, SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING SOCIETY FOR THE TUBES COMPANY BUILDING DESIGN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

Professional Engineer Seal for R. Fisher, State of Florida, No. 66887, Exp. 05/01/05

TC LL	20.0 PSF	REF	R487 - 7016
TC DL	10.0 PSF	DATE	04/05/05
BC DL	10.0 PSF	DRW	HCUSR487 05095114
BC LL	0.0 PSF	HC-ENG	TCE/AF
TOT.LD.	40.0 PSF	SEQN-	1214
DUR.FAC.	1.25		
SPACING	SEE ABOVE	DATE	151 Y487 705

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

Right end vertical not exposed to wind pressure.



8-12
9-0-0
21-7-0
31-7-0 over 3 Supports
1-0-0
1-0-0

R=1007 U=180 W=3"
R=489 U=180 W=3.5"
R=1127 U=223 W=3.5"

PLT TYP. Wave TPI

Design Crit: $TPI-1995(STD)/FBC$

7

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

Scale = .1875"/Ft.



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

WARNING TOPS ROUNDE EXPIRE CASE IN FABICATION, HANDLING, SHIPPING, INSTALLING AND PRACTICE. REFER TO BCS1-103 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE THRUSS PILE INSTITUTE, 5800 O'DONNELL RD., SUITE 200, MOULTON, WI 53151, AND AICA (GOOD DESIGN COUNCIL OF AMERICA, 6300 ENTERPRISE DRIVE, MOULTON, WI 53151) FOR SAFETY PRACTICES RELATIVE TO REPAIRING THESE JOINTS. UNLESS OTHERWISE INDICATED, THE TOP CORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CORD SHALL HAVE A PROPERLY ATTACHED ICED CAPPING.

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

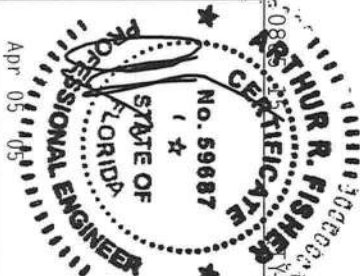
TRUSS IN CONFORMANCE WITH TP1; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING

CONNECTOR PLATES ARE MADE OF 2018/16GA (M.M/S/K) ASTM A653 GRADE 40/60 (M. K/H.S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 160A-7

AND INSPECTION OF DETAILS FOLLOWED BY (1) SHALL BE PER ANNEA 63 OF 1911 2002 SEC.3. A SEAL ON THE
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT

BUILDING DESIGNER PER ANSI/TP1 1 SEC., 2.

1. *Journal of the American Medical Association*, 273, 1995, 1033-1038.

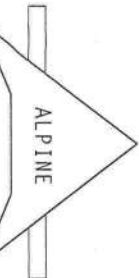


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TC DL	10.0 PSF	DATE	04/05/05
BC DL	10.0 PSF	DRW	HCUSR487 05095115
BC LL	0.0 PSF	HC-ENG	TCE/AF
TOT.LD.	40.0 PSF	SEQN-	1224
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SLY487_205

110 mph wind, 13.95 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf

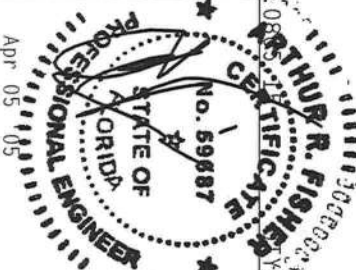
8-1-12
 11-0-0
 17-7-0
 3-0-0
 31-7-0 Over 3 Supports
 R=1203 U=188 W=3"
 R=226 U=180 W=3.5"
 R=1193 U=223 W=3.5"

Scale = .1875"/Ft.



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

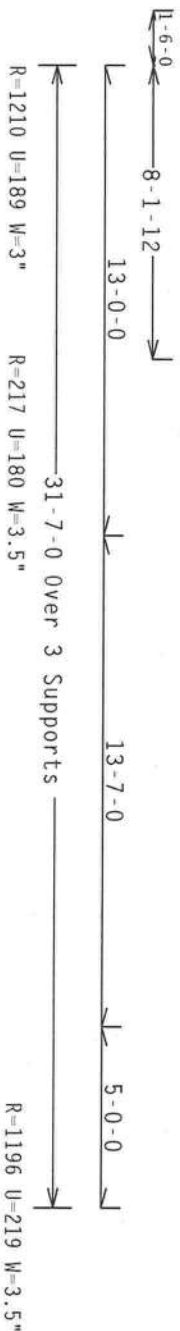
IMPORTANT: * PROVIDE A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE ENGINEER, PRODUCT, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE DESIGN CONFORMS WITH ANY APPLICABLE REQUIREMENTS OF ANY APPLICABLE DESIGN CODE, BY ANY CODE OR ANY DESIGNER. PLATES ARE MADE OF 20/10/1664, (04-01-03) ASTM A563, GRADE 40/60, (U, W, H) 3/4" G.W., STEEL. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITIONED PER DRAWINGS 1606-2. DRAWING DETAILS, ACCEPTANCE OF PERSONAL OR PROFESSIONAL ENGINEERING RESPONSIBILITY SHALL BE THE DESIGNER'S. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/PTI 1 SEC. 2.



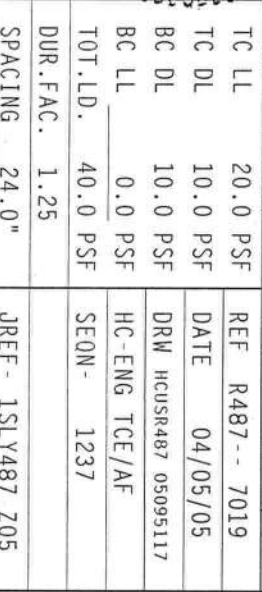
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TC DL	10.0 PSF	DATE	04/05/05
BC DL	10.0 PSF	DRW	HCUSR487 05095116
BC LL	0.0 PSF	HC-ENG	TCE/AF
TOT.LD.	40.0 PSF	SEQN -	1229
DUR.FAC.	1.25		
SPACING	24.0"	JREF -	1SLY487_205

110 mph wind, 14.70 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf

Right end vertical not exposed to wind pressure.
Deflection meets L/360 live and L/240 total load



Scale = .1875"/Ft.

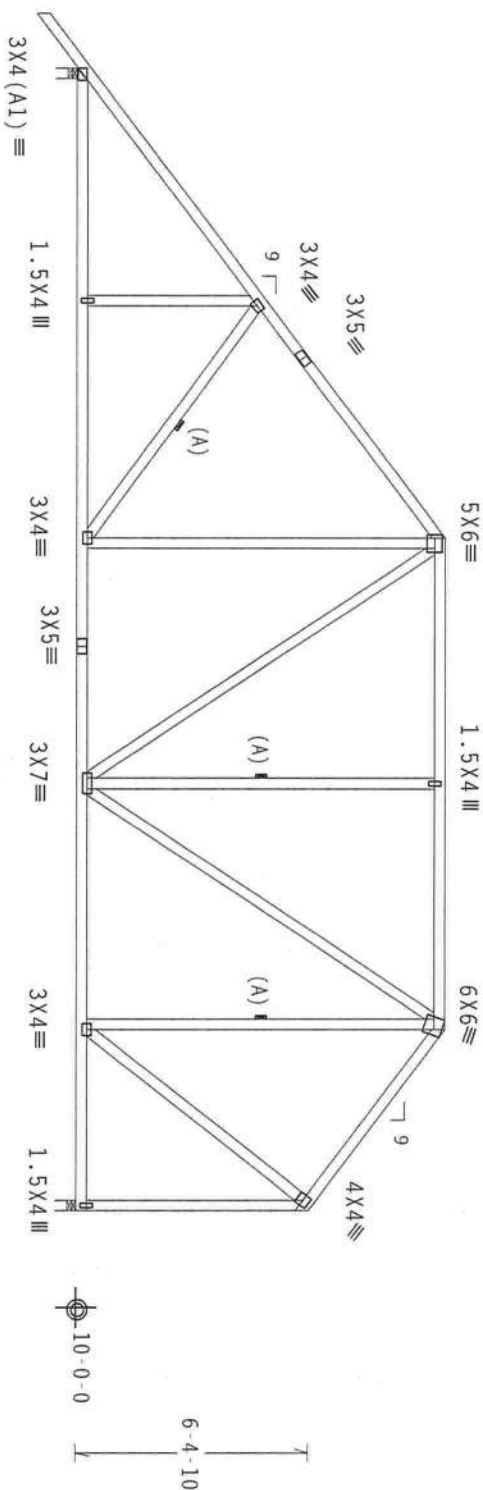


110 mph wind, 14.70 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

Right end vertical not exposed to wind pressure.

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



0-9-11

13'-0" 31'-7" Over 2 Supports 5'-0"

R=137/4 U=214 W=3.5"

R=1248 U=227 W=3.5"

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04.085: T/FIC: 2

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

Scale = .1875"/Ft.

WARNING: People responsible for crop care in fabrication, handling, lifting, installing and grading, refer to BC51-1-03 (BUILDING CONCRETE SAFETY INFORMATION), PUBLISHED BY THE TRUSS PLATE INSTITUTE, 593 O'CONNOR BLVD., SUITE 200, MOULTON, MI 53719 and AIA (2000) TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LAMARSON, 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 TIE ROD CEILING.

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

TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

CONNECTOR PLATES ARE MADE OF 20/19/16GA (M, H/5/K) ASTM A653 GRADE 40/60 (M, K/H, S) GALV. STEEL. APPLY TO EACH FACE OF THIN SHEET. THE DISTRIBUTION OF THE PLATES ON THE THIN SHEET DEPENDS ON THE THIN SHEET THICKNESS AND THE DISTRIBUTION OF THE PLATES ON THE THIN SHEET DEPENDS ON THE THIN SHEET THICKNESS.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TP11-2002 SEC.3. A SEAL ON THIS DRAINING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING DISCIPLINARITY. SEAL FOR THE TRUSS COMPONENT

DESIGN SHOWN. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. SEE ALSO CHAPTER 1, SECTION 2.

Source: *Journal of the American Statistical Association*, 1997, 92, 1039-1052.

APR 05 '05

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

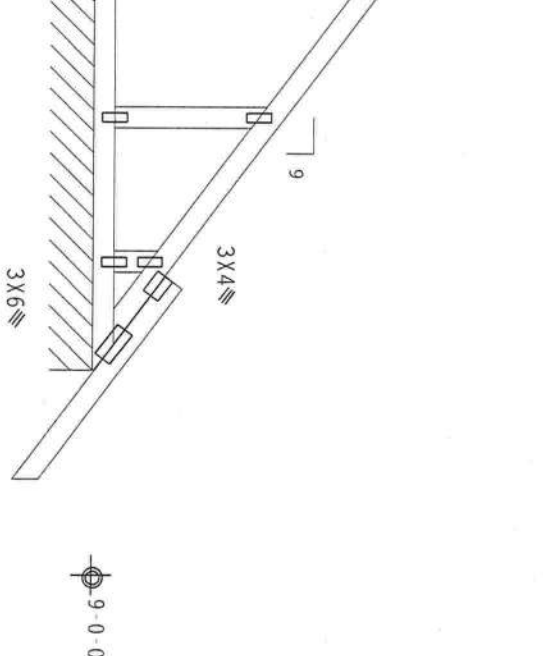
TC LL	20.0 PSF	REF	R487 - 7020
TC DL	10.0 PSF	DATE	04/05/05
BC DL	10.0 PSF	DRW	HCUSR487 05095118
BC LL	0.0 PSF	HC-ENG	TCE/AF *
TOT.LD.	40.0 PSF	SEQN -	10013
DUR.FAC.	1.25		
SPACING	24.0"	JREF -	1SLY487_Z05

110 mph wind, 11.45 ft mean hgt., ASCE 7-98, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

See DWGS A11015EC1103 & GBLETTIN1103 for more requirements.

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

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



Scale = .375" / Ft.



Apr 05 '05

FL/-/4/-/1-/R/-	Scale = .375" / Ft.																				
<table border="1"> <tr> <td>TRC LL</td> <td>20.0 PSF</td> </tr> <tr> <td>TRC DL</td> <td>10.0 PSF</td> </tr> <tr> <td>DL</td> <td>10.0 PSF</td> </tr> <tr> <td>38C LL</td> <td>0.0 PSF</td> </tr> <tr> <td>10T.LD.</td> <td>40.0 PSF</td> </tr> </table>	TRC LL	20.0 PSF	TRC DL	10.0 PSF	DL	10.0 PSF	38C LL	0.0 PSF	10T.LD.	40.0 PSF	<table border="1"> <tr> <td>REF R487 --</td> <td>7021</td> </tr> <tr> <td>DATE</td> <td>04/05/05</td> </tr> <tr> <td>DRW HCUSR487</td> <td>05095119</td> </tr> <tr> <td>HC-ENG TCE/AF</td> <td></td> </tr> <tr> <td>SEQN -</td> <td>1186</td> </tr> </table>	REF R487 --	7021	DATE	04/05/05	DRW HCUSR487	05095119	HC-ENG TCE/AF		SEQN -	1186
TRC LL	20.0 PSF																				
TRC DL	10.0 PSF																				
DL	10.0 PSF																				
38C LL	0.0 PSF																				
10T.LD.	40.0 PSF																				
REF R487 --	7021																				
DATE	04/05/05																				
DRW HCUSR487	05095119																				
HC-ENG TCE/AF																					
SEQN -	1186																				
DUR.FAC. 1.25																					
SPACING SEE ABOVE																					
JREF - 1SLY487_205																					

110 mph wind, 11.64 ft mean hgt, ASCE 7-98, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

[illegible]

✓ 0-9-1 ✓

7-6-0

✶

7-6-0

0-9-1-1

15'-0" over 2 Supports

R=696 U=180 W=3.5"

PLT TYP. Wave TPI

Design Crit: $TPI-1995(STD)/FBC$

7.0

FL/-14/-1/-1R/-

Scale = 375"/Ft.



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

WARNING: THIS IS A HIGHLY EXTREMELY CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCS-1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE INSTITUTION OF BUILDING MATERIALS, 6500 ENTERPRISE BLVD., SUITE 200, MONTICELLO, UT 83019, FOR THE SAFETY PRACTICES AND PRECAUTIONS OF THESE PRODUCTS. IF THESE PRODUCTS ARE USED IN A MANNER NOT INDICATED BY THE MANUFACTURER, THE USER ASSUMES ALL LIABILITY FOR ANY DAMAGE OR INJURY. THE USER SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED TOP CHORD CEILING.

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

PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TP1; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

CONNECTOR PLATES ARE MADE OF 20/18/16GA (M, H/S/K) ASTM A653 GRADE 40/60 (H, K/H, S) GALV. STEEL. APPLY

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMNEX A3 OF TP-11-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE JOINT COMPONENT

DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ARS1/TP1 1 SEC. 2.

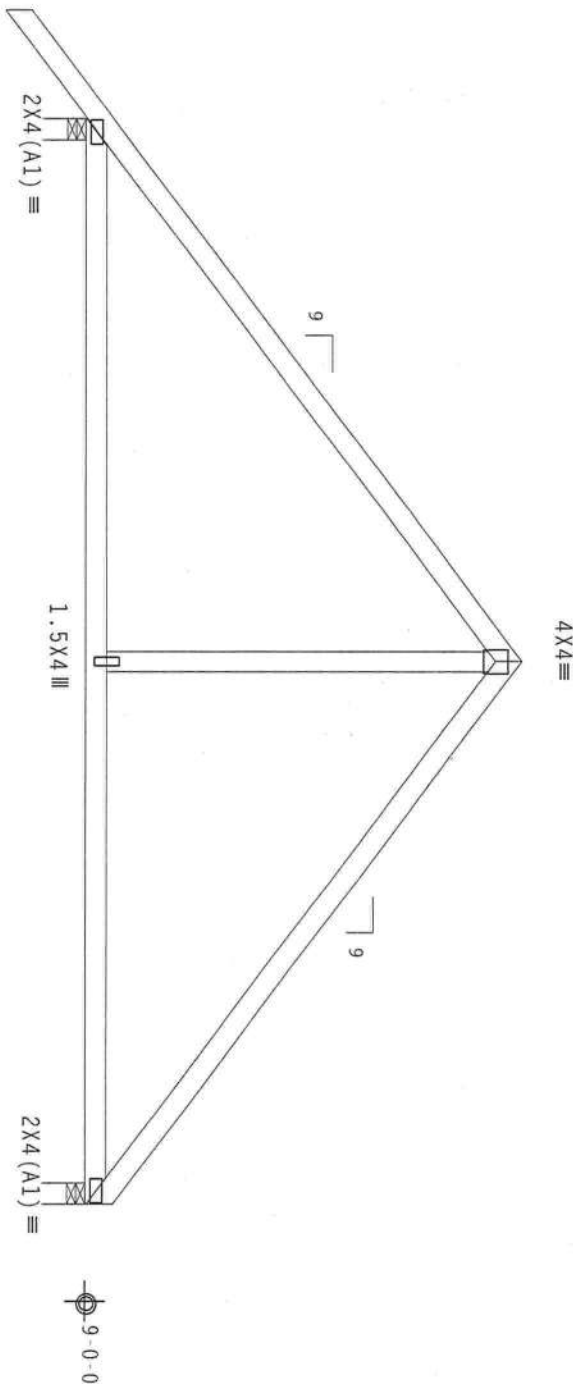


TC LL	20.0 PSF	REF	R487 - 7022
TC DL	10.0 PSF	DATE	04/05/05
BC DL	10.0 PSF	DRW	HCUSR487 05095120
BC LL	0.0 PSF	HC-ENG	TCE/AF *
TOT.LD.	40.0 PSF	SEQN-	1190
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SLY487 205

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

110 mph wind, 11.64 ft mean hgt, ASCE 7-98, CLOSED bldg, not
located within 4.50 ft from roof edge, CAT II, EXP B, wind TC
DL=5.0 psf, wind BC DL=5.0 psf.

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



7'-6-0 7'-6-0
15'-0-0 Over 2 Supports
R=703 U=180 W=3.5"
R=593 U=180 W=3.5"

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04 0.0033

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

Scale = .375"/ft.

****WARNING**** PRUSSES 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 O'CONNOR DR., SUITE 200, MADISON, WI 53719) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, 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 PRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DISCREPANCIES SHALL BE THE RESPONSIBILITY OF THE USER. THIS DESIGN IS THE PROPERTY OF ALPINE ENGINEERED PRODUCTS, INC. AND 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. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE

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

FL Certificate of Authorization # 567



TC LL	20.0 PSF	REF	R487 - 7023
TC DL	10.0 PSF	DATE	04/05/05
BC DL	10.0 PSF	DRW	HCUSR487 05095121
BC LL	0.0 PSF	HC-ENG TCE/AF	
TOT. LD.	40.0 PSF	SEQN	1194
DUR. FAC.	1.25		
SPACING	24.0"		

JREF - 1SL Y487_Z05

Top chord 2x4 SP #2 Dense
Bot chord 2x8 SP S5

Webbs 2x4 SP #3 :W3 2x6 SP #2:

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

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)

TC - From 60 PLF at -1.50 to 60 PLF at 15.00

BC - From 4 PLF at -1.50 to 4 PLF at 0.00

BC - From 20 PLF at 0.00 to 20 PLF at 15.00

BC - *3202 LB Conc. Load at 7.06

BC - *1423 LB Conc. Load at 9.06, 11.06, 13.06

* Provide connection for concentrated load(s) shown.

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

Bearing blocks: Nail type: 0.128x3.25" 12d box nails

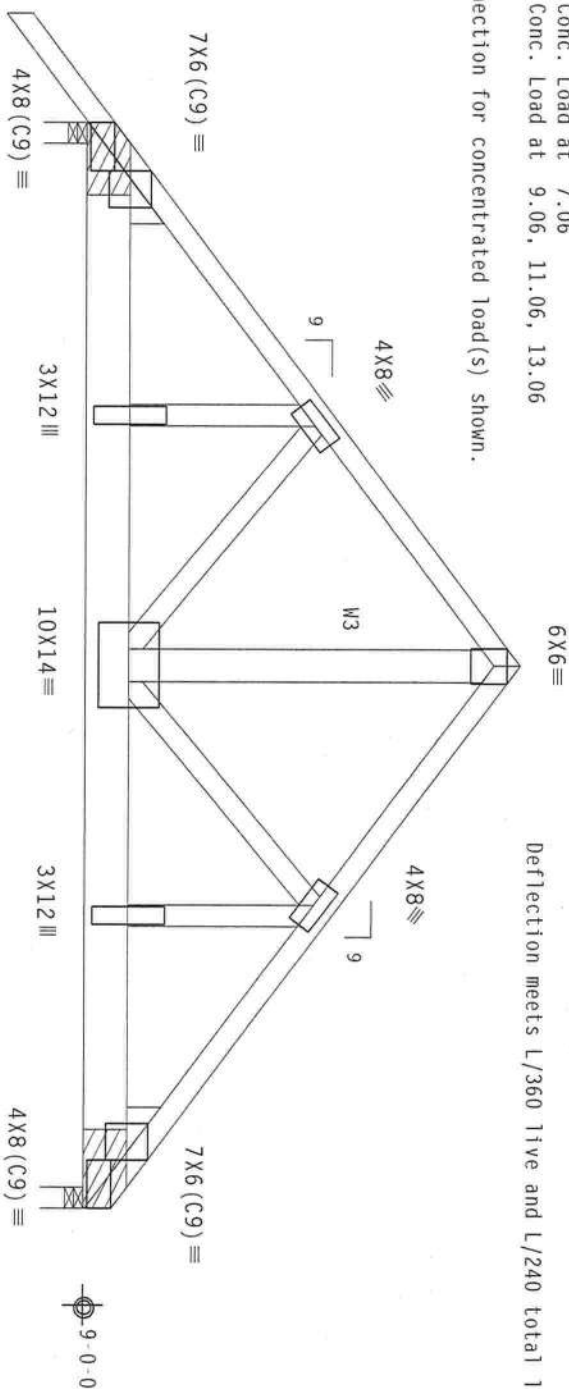
BRG X-LOC #BLOCKS LENGTH/BLK #NAILS/BLK WALL PLATE

1 0.000' 1 12" 5 Match Truss

2 14.708' 1 13" 20 Match Truss

Bearing block to be same size and species as bottom chord. Refer to drawing CNBRGRLK0503 for additional information.

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



≤ 1'-6"-0"

7'-6"-0

7'-6"-0

15'-0"-0 Over 2 Supports

R=3481 U=1189 W=3.5"

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.10.03

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

Scale = .375"/ft.

ALPINE

Alpine Engineered Products, Inc.

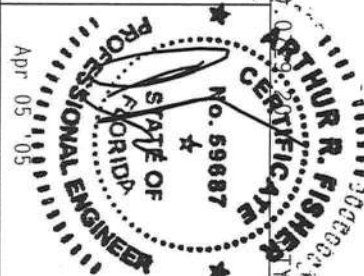
1950 Manley Drive

Haines City, FL 33844

FL Certificate of Authorization # 567

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 F. D. OMORIO DR., SUITE 200, MADISON, WI 53719) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, C. 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.

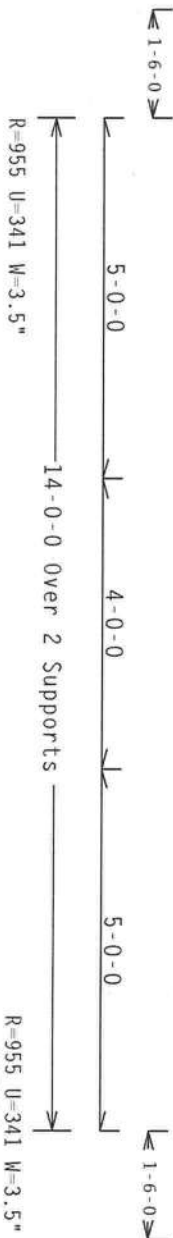
IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY OVIATION FROM THIS DESIGN. ANY FAILURE TO OHTID THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE INTERNATIONAL BUILDING CODES, THE ALPINE DESIGN CONECTOR PLATES ARE MADE OF 20/18/16GA (U.H.S/43) ASTM A563 GRADE 40/60 (U.H.S/43) GALV STEEL. ALPINE PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMEX AS OF 1P11-2002 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.



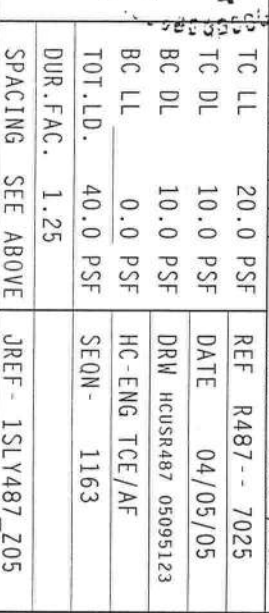
FL/-/4/-/-/R/-	Scale = .375"/ft.
TC LL	20.0 PSF
TC DL	10.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	40.0 PSF
DUR.FAC.	1.25
SPACING	SEE ABOVE
JREF - 1SLY487_205	

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

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



Scale = .375"/Ft.



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



7-0-0

7-0-0

0-9-1

14-0-0 Over 2 Supports
R=656 U=180 W=3.5"

R=656 U=180 W=3.5"

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04:0895.15/AFI

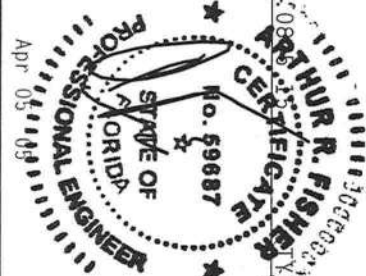
FL/-/4/-/-/R/-/

Scale = .375" / Ft.



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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DETAILING OR ANY FAILURE TO BUILD THE PROPS IN CONFORMANCE WITH THE: OF FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF THIS DESIGN. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF 905 (MATERIAL DESIGN SPEC. BY AIRPS) AND 711. CONDUCTOR PLATES ARE MADE OF 2010/1604 (H/S/K) ASTM A553 GRADE 40/60 (W. K/H/S) GALV. STEEL. PLATES TO EACH FACE OF THUSMS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1604-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AIRPS AS OF 1/11-2002 SEC.3. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. A SEAL ON THE DESIGN SHALL. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AIRS/1/11 SEC. 2.

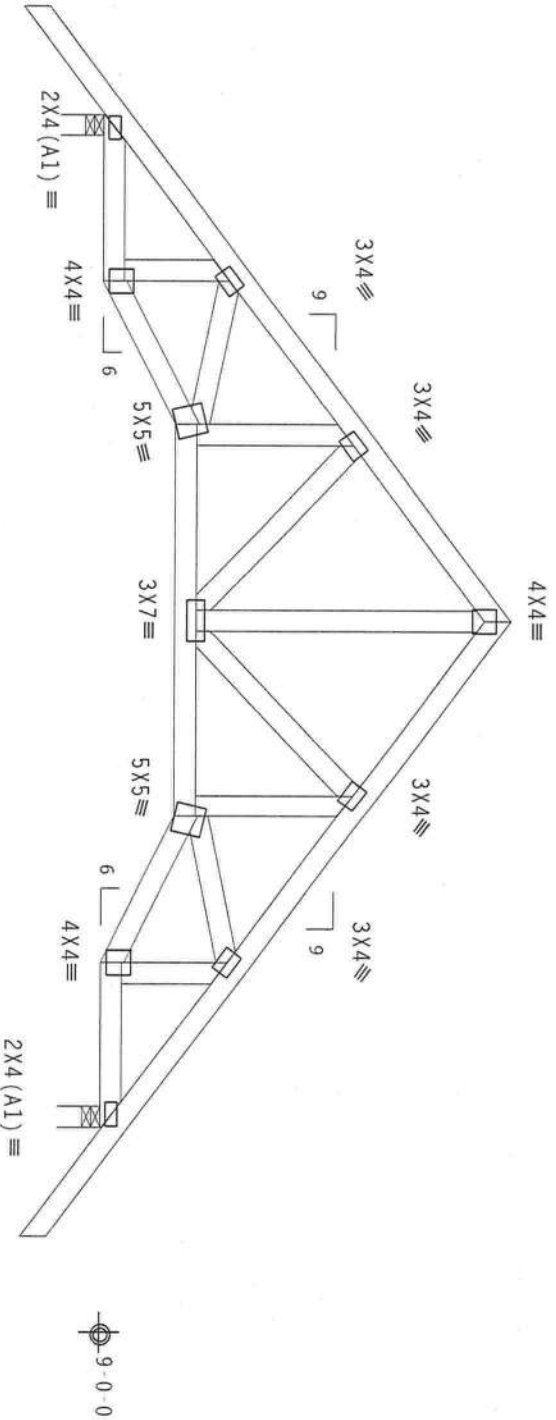


TC LL	20.0 PSF	REF	R487 - - 7026
TC DL	10.0 PSF	DATE	04/05/05
BC DL	10.0 PSF	DRW	HCUK487 05095124
BC LL	0.0 PSF	HC-ENG	TCE/AF *
TOT.LD.	40.0 PSF	SEQN -	1167
DUR.FAC.	1.25		
SPACING	24.0"	JREF -	1SLY487_Z05

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

110 mph wind, 11.45 ft mean hgt, ASCE 7-98, CLOSED bldg, not
located within 4.50 ft from roof edge, CAT II, EXP B, wind TC
DL=5.0 psf, wind BC DL=5.0 psf.

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



1-6-0

1-6-0

2-3-8 7-0-0 2-0-0 7-0-0 2-0-0 2-3-8
14-0-0 Over 2 Supports
R=656 U=180 W=3.5"

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7-04-00

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

Scale = .375"/ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 505 DOWNSIDE DR., SUITE 200, MOULSON, MI 49719) AND WTC (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, SUITE 100, SUITE 100, MOULSON, MI 49719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PLATES AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE TRUSS AS SHOWN SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. THE INSTALLATION CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER BRACING AND HANDLING OF THE TRUSS. THE TRUSS SHALL BE INSTALLED IN ACCORDANCE WITH THE DESIGN SPECIFICATIONS AND THE INSTALLATION MANUAL. THE TRUSS SHALL BE INSTALLED IN ACCORDANCE WITH THE DESIGN SPECIFICATIONS AND THE INSTALLATION MANUAL. THE TRUSS SHALL BE INSTALLED IN ACCORDANCE WITH THE DESIGN SPECIFICATIONS AND THE INSTALLATION MANUAL.

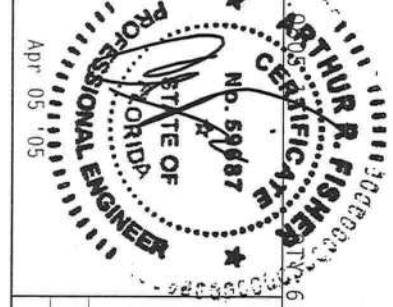
ALPINE ENGINEERED PRODUCTS, INC. 1950 Manley Drive, Gainesville, FL 32608

ALPINE

Alpine Engineered Products, Inc.

1950 Manley Drive, Gainesville, FL 32608

FL Certificate of Authorization #567



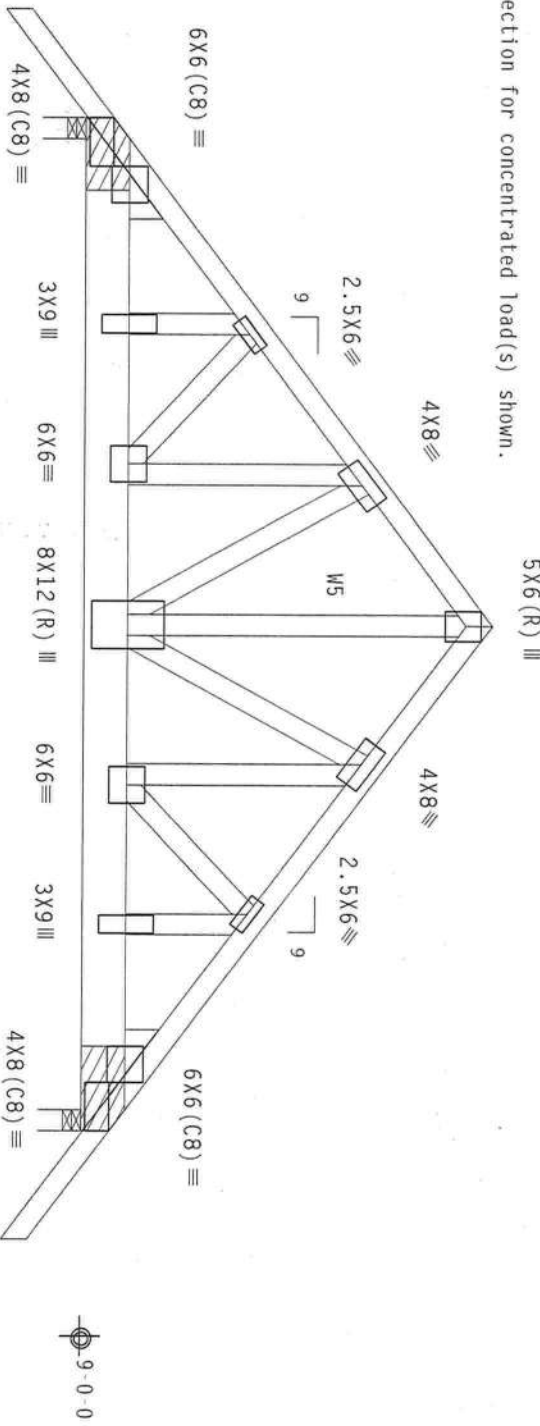
TC LL	20.0 PSF	REF R487-- 7027
TC DL	10.0 PSF	DATE 04/05/05
BC DL	10.0 PSF	DRW HCUSR487 05095125
BC LL	0.0 PSF	HC-ENG TCE/AF
TOT.LD.	40.0 PSF	SEON- 1173
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SLY487_205

Top chord 2x4 SP #2 Dense
Bot chord 2x8 SP SS
Webs 2x4 SP #3 :W5 2x4 SP #2 Dense:
:Lt Wedge 2x6 SP #2:::Rt Wedge 2x6 SP #2:

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 60 PLF at -1.50 to 60 PLF at 15.50
BC - From 4 PLF at -1.50 to 4 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 14.00
BC - From 4 PLF at 14.00 to 4 PLF at 15.50
BC - *3202 LB Conc. Load at 7.06
BC - *1423 LB Conc. Load at 9.06, 11.06, 13.06

* Provide connection for concentrated load(s) shown.



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

Bearing blocks: Nail type: 0.128x3.25" 12d box nails
BRG X-LOC #BLOCKS LENGTH/BLK #NAILS/BLK WALL PLATE
1 0.000' 1 12" 4 Match Truss
2 13.708' 1 14" 23 Match Truss
Bearing block to be same size and species as bottom chord.
Refer to drawing CNBRGDLK0503 for additional information.

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

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.10-0-0

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

Scale = .375"/ft.

14'-0" Over 2 Supports
R=3084 U=1054 W=3.5"
R=5700 U=1947 W=3.5"

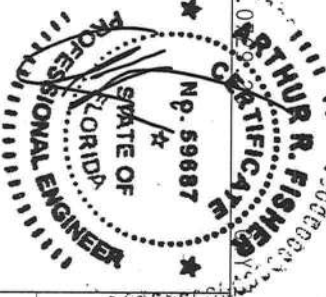
WARNING THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31-1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 563 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE 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 SHALL BE RESPONSIBLE FOR ANY DETAILING FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN ACCORDANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLER. THE TRUSS DESIGNER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE TRUSS COMPONENTS. THE TRUSS COMPONENTS SHALL BE DESIGNED TO MEET THE DESIGN REQUIREMENTS OF THE BUILDING DESIGNER. THE TRUSS COMPONENTS SHALL BE DESIGNED TO MEET THE DESIGN REQUIREMENTS OF THE BUILDING DESIGNER.

ALPINE

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

FL Certificate of Authorization #567



DUR.FAC.	1.25	REF	R487-7028
SPACING	SEE ABOVE	DATE	04/05/05
TC LL	20.0 PSF	DRW	HCUSR487 05095127
TC DL	10.0 PSF	HC-ENG	TCE/AF
BC DL	10.0 PSF	SEON-	50619 REV
BC LL	0.0 PSF		
TOT.LD.	40.0 PSF		

Top chord 2x6 SP #2 :T2, T3 2x6 SP #1 Dense:
Bot chord 2x6 SP #2 :B2 2x8 SP SS:
B3 2x4 SP #2 Dense:
Webs 2x4 SP #3

Calculated horizontal deflection is 0.15" due to live load and 0.18" due to dead load.

(A) Continuous lateral bracing equally spaced on member.

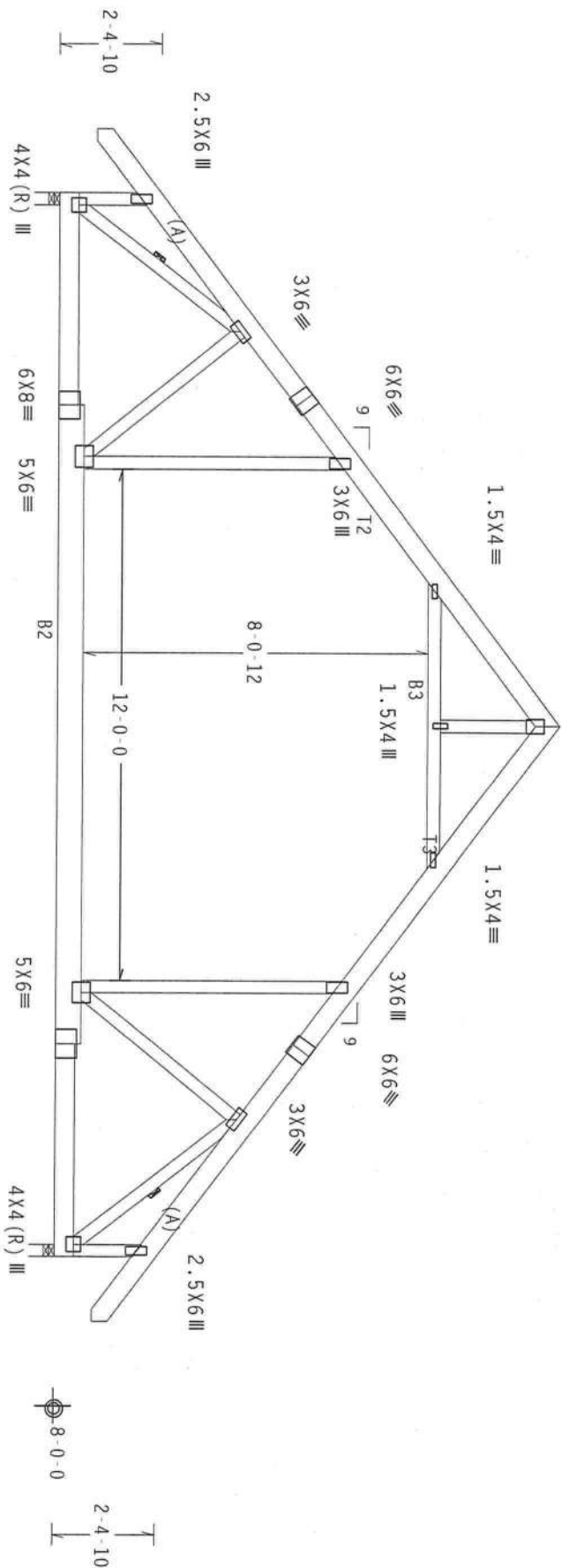
Deflection meets L/360 live and L/240 total load.

110 mph wind, 14.51 ft mean hgt, ASCE 7-98, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

End verticals not exposed to wind pressure.

Collar-tie braced with continuous lateral bracing at 24" OC. or rigid ceiling.

BC attic room floor loading: LL = 40.00 psf; DL = 10.00 psf; from 6-6-0 to 18-6-0.



12-6-0 9-1-11 12-6-0 6-8-11 4-1-11 12-6-0 5-0-0
25-0-0 Over 2 Supports
R=1931 U=202 W=3.5"

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04.05

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

Scale = .25"/ft.

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

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

PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN ACCORDANCE WITH THE PROVIDER'S DESIGN SPECIFICATIONS, INCLUDING THE DESIGN OF THE TRUSS, SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN ACCORDANCE WITH THE PROVIDER'S DESIGN SPECIFICATIONS, INCLUDING THE DESIGN OF THE TRUSS, SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN ACCORDANCE WITH THE PROVIDER'S DESIGN SPECIFICATIONS, INCLUDING THE DESIGN OF THE TRUSS, SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR.



Alpine Engineered Products, Inc.

1950 Marley Drive

Haines City, FL 33844

FL Certificate of Authorization # 567

7.04.05

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

Scale = .25"/ft.

TC LL	20.0 PSF	REF R487-- 7029
TC DL	10.0 PSF	DATE 04/05/05
BC DL	10.0 PSF	DRW HCUSR487 05095128
BC LL	0.0 PSF	HC-ENG TCE/AF
TOT.LD.	40.0 PSF	SEON- 10133

DUR.FAC.	1.25	JREF- 1SLV487_205
SPACING	24.0"	



Apr 05 '05

Top chord 2x6 SP #2 :T2, T3 2x6 SP #1 Dense:
Bot chord 2x6 SP #2 :B2 2x8 SP SS:
B3 2x4 SP #2 Dense:
Webs 2x4 SP #3

Calculated horizontal deflection is 0.15" due to live load and 0.18" due to dead load.

(A) Continuous lateral bracing equally spaced on member.

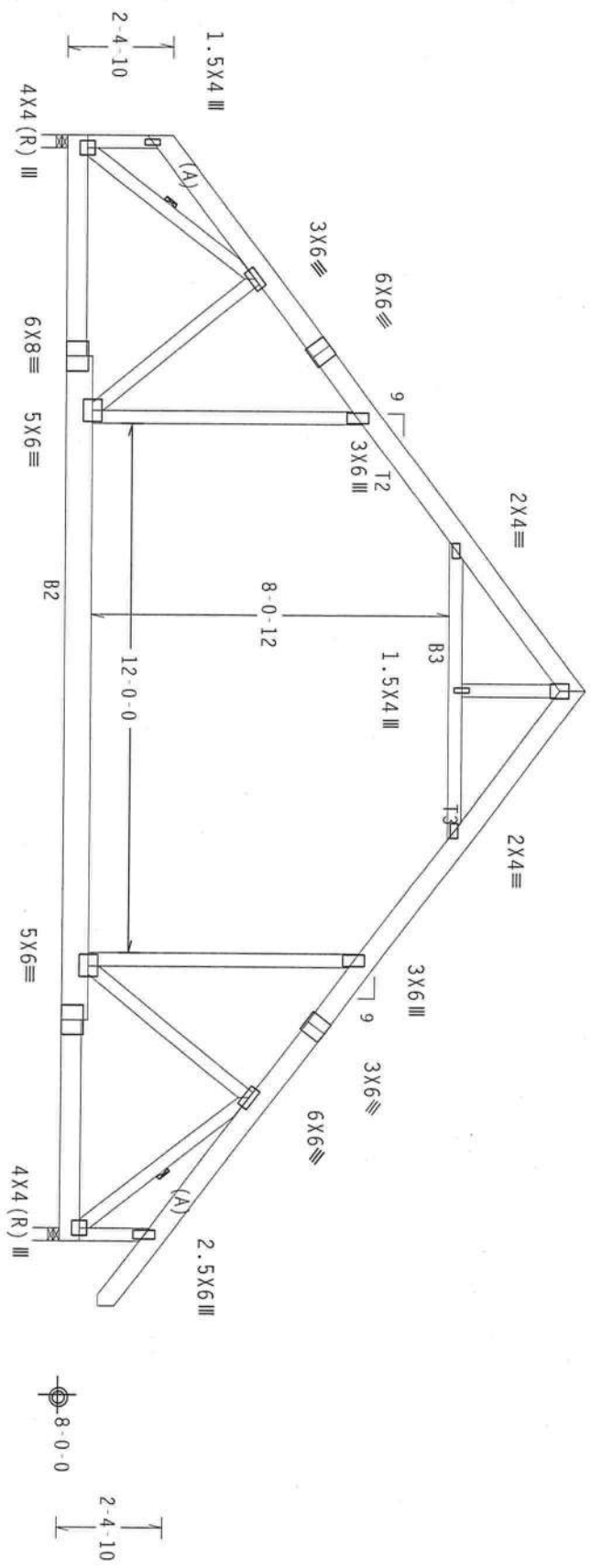
Deflection meets L/360 live and L/240 total load.

110 mph wind, 14.51 ft mean hgt, ASCE 7-98, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

End verticals not exposed to wind pressure.

Collar-tie braced with continuous lateral bracing at 24" OC, or rigid ceiling.

BC attic room floor loading: LL = 40.00 psf; DL = 10.00 psf; from 6-6-0 to 18-6-0.



9'-1-11 12'-6-0 25'-0-0 over 2 supports 6'-8-11 4'-1-11 5'-0-0 1'-6-0

R=1934 U=201 W=3.5"

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04.00 CERTIFICATE

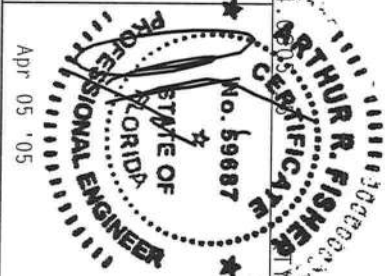
FL/-/4/-/-/R/-

Scale = .25"/ft.

WARNING THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DCS 1-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 2-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 3-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 4-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 5-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 6-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 7-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 8-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 9-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 10-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 11-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 12-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 13-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 14-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 15-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 16-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 17-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 18-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 19-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 20-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 21-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 22-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 23-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 24-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 25-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 26-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 27-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 28-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 29-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 30-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 31-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 32-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 33-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 34-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 35-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 36-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 37-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 38-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 39-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 40-03 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INFORMATION), DCS 60-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 61-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 62-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 63-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 64-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 65-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 66-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 67-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 68-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 69-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 70-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 71-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 72-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 73-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 74-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 75-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 76-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 77-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 78-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 79-03 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INFORMATION), DCS 99-03 (BUILDING COMPONENT SAFETY INFORMATION), DCS 100-03 (BUILDING COMPONENT SAFETY INFORMATION).

ALPINE

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



TC LL	20.0 PSF	REF	R487 - - 7030
TC DL	10.0 PSF	DATE	04/05/05
BC DL	10.0 PSF	DRW	HCUSR487 05095129
BC LL	0.0 PSF	HC-ENG	TCE/AF
TOT.LD.	40.0 PSF	SEQN-	10143
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SLY487 205

Top chord 2x6 SP #2 :T2, T3 2x6 SP #1 Dense:
Bot chord 2x6 SP #1 Dense :B2 2x8 SP SS:
:B3 2x4 SP #2 Dense:
Webs 2x4 SP #3

End verticals not exposed to wind pressure.

Deflection meets L/480 live and L/360 total load.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 48" OC.

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d_box_nails) (0.128"x3.25")

Top Chord: 1 Row @ 12" o.c.
Bot Chord: 1 Row @ 12" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

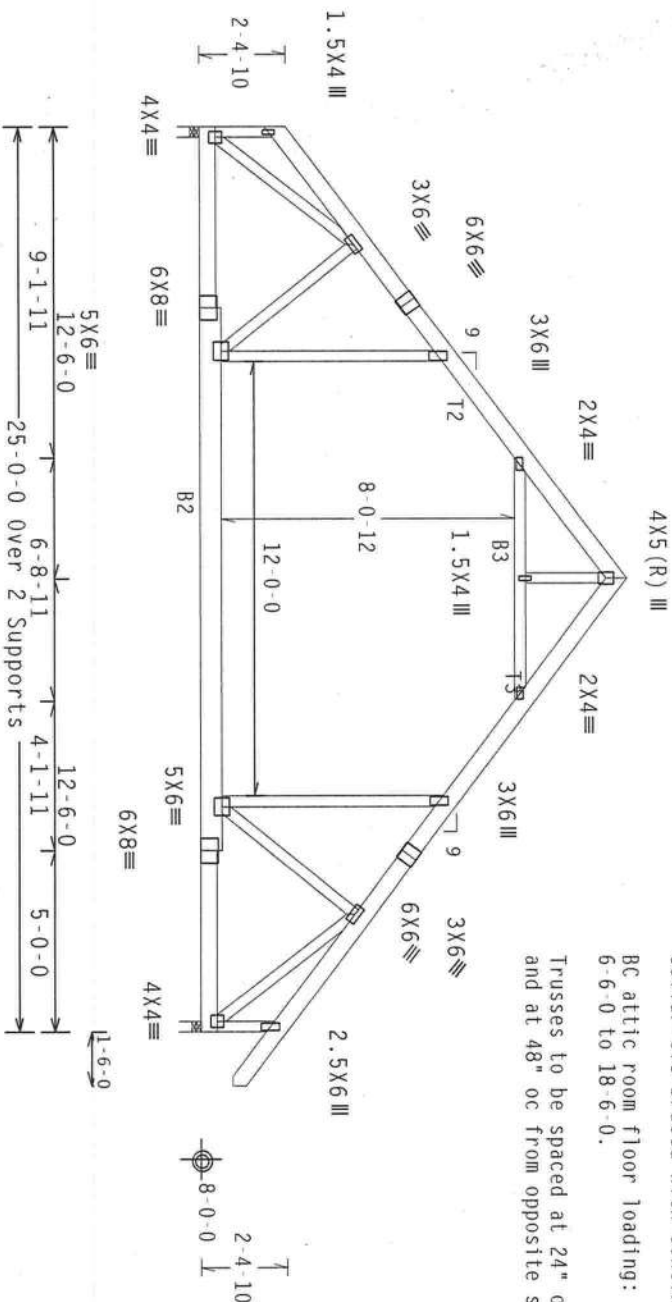
110 mph wind, 30.00 ft mean hgt, ASCE 7-98, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Roof overhang supports 2.00 psf soffit load.

Collar-tie braced with continuous lateral bracing at 24" OC.

BC attic room floor loading: LL = 40.00 psf; DL = 10.00 psf; from 6-6-0 to 18-6-0.

Trusses to be spaced at 24" oc from one side and at 48" oc from opposite side.



R=2572 U=458 W=3.5"

R=2725 U=518 W=3.5"

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

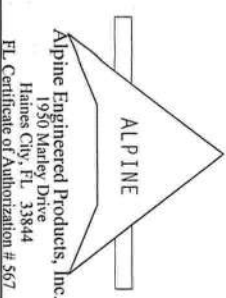
7.10.07

FL/-/4/-/R/-

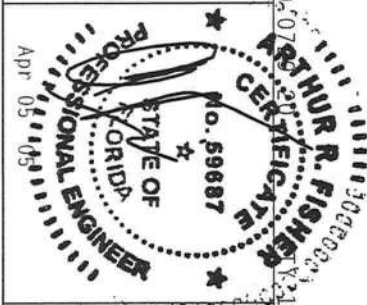
Scale = .1875"/ft.

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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AOS (NATIONAL DESIGN SPEC. BY AIA/AS) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/10/1064 (R, W/S/25) ASH A663 GRADE 40/60 (R, F/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, SECTION PER DRAWING. THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOCIETY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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



FL	TC	BC	TOT.LD.	DUR.FAC.	SPACING	See above	JREF	1SLY487_Z05
20.0 PSF	10.0 PSF	10.0 PSF	40.0 PSF	1.25				
DATE	04/05/05	DATE	04/05/05	DATE	04/05/05	DATE	04/05/05	DATE
DRW	HCUSR487 05095145	DRW	HCUSR487 05095145	DRW	HCUSR487 05095145	DRW	HCUSR487 05095145	DRW
HC-ENG	AF/AF	HC-ENG	AF/AF	HC-ENG	AF/AF	HC-ENG	AF/AF	HC-ENG
SEQN	50634	SEQN	50634	SEQN	50634	SEQN	50634	SEQN
REV		REV		REV		REV		REV

End verticals not exposed to wind pressure.

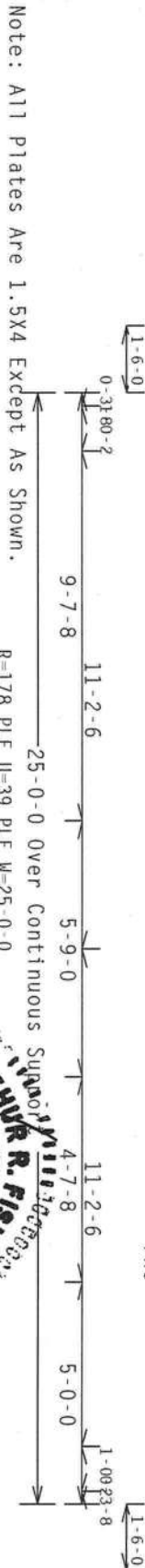
See DWGS A11015EC1103 & GBLLETIN1103 for more requirements.

Collar tie braced with continuous lateral bracing at 24" OC. on rigid ceiling.

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

(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)

TC -	From	82 PLF at 1.50 to	82 PLF at 6.50
TC -	From	102 PLF at 6.50 to	102 PLF at 9.14
TC -	From	82 PLF at 9.14 to	82 PLF at 15.86
TC -	From	102 PLF at 15.86 to	102 PLF at 18.50
TC -	From	82 PLF at 18.50 to	82 PLF at 26.50
PLT -	From	20 PLF at 9.96 to	20 PLF at 15.04
BC -	From	4 PLF at 1.50 to	4 PLF at 0.00
BC -	From	20 PLF at 0.00 to	20 PLF at 6.50
BC -	From	120 PLF at 6.50 to	120 PLF at 18.50
BC -	From	20 PLF at 18.50 to	20 PLF at 25.00
BC -	From	4 PLF at 25.00 to	4 PLF at 26.50
BC -	122 LB Conc.	Load at 6.50,	18.50



Note: All Plates Are 1.5X4 Except As Shown.

R=178 PLF U=39 PLF W=25-0-0

Design Crit: $TPI-1995(STD)/FBC$

7.04.055.1611-1C4

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

Scale = .25" / Ft.

WARNING—TYPICALS REQUIRE EXTENSIVE CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO SPEC 1-03 (ROUTING COMPONENT CARE IN FABRICATION), PUBLISHED BY THE TPI (TROSS PLATE INSTITUTE), 563 O'CONNOR RD., SUITE 200, MADISON, WI 53719, FOR DETAILED TRUSS COUNCIL OF AMERICA, 6500 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

TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

CONNECTION PLATES ARE MADE OF 20/18/16GA (H, H/S, K) ASTM A653 GRADE 40/60 (H, K/H, S) GALV. STEEL. APPLY

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF IP11-2002 SEC.3. A SEAL ON THIS

THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGN SHOWN.

BUILDING DESIGNED PER AISC/CPA 1 SPEC-65

APR 05 '05

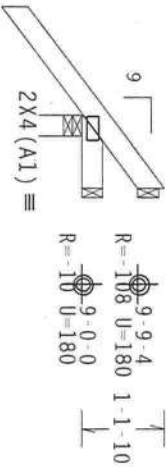
TC LL	20.0 PSF	REF	R487 - 7032
TC DL	10.0 PSF	DATE	04/05/05
BC DL	10.0 PSF	DRW	HCUSR487 05095130
BC LL	0.0 PSF	HC-ENG	TCE/AF
TOT.LD.	40.0 PSF	SEQN -	10175
DUR.FAC.	1.25		
SPACING	SEE ABOVE	JREF -	1SLY487_Z05

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

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

110 mph wind, 9.20 ft mean hgt, ASCE 7-98, CLOSED bldg, located
anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC
DL=5.0 psf.

Provide (2) 0.162x3.5" 16d Common toe-nails at Top Chord.
Provide (2) 0.162x3.5" 16d Common toe-nails at Bottom Chord.



1-6-0-0
1-0-0 Over 3 Supports

R=294 U=180 W=3.5"

PLT TYP. Wave TPI

Design Crit: TPI-1995 (STD)/FBC

7.04

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

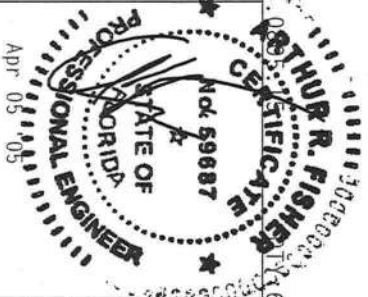
Scale = .375"/ft.

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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NCEA (NATIONAL COUNCIL OF AMERICA, 6300 ENTERPRISE BLVD, MADISON, WI 53719) AND NCEA (NATIONAL COUNCIL OF AMERICA, 6300 ENTERPRISE BLVD, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

ALPINE ENGINEERED PRODUCTS, INC. 1950 MARLEY DRIVE HAINES CITY, FL 33844 FL CERTIFICATE OF AUTHORIZATION # 567

ALPINE ENGINEERED PRODUCTS, INC. 1950 MARLEY DRIVE HAINES CITY, FL 33844 FL CERTIFICATE OF AUTHORIZATION # 567



TC LL	20.0 PSF	REF R487 - 7033
TC DL	10.0 PSF	DATE 04/05/05
BC DL	10.0 PSF	DRW HCUSR487 05095131
BC LL	0.0 PSF	HC-ENG TCE/AF
TOT. LD.	40.0 PSF	SEQN- 1144
DUR. FAC.	1.25	
SPACING	24.0"	JREF - 1SLY487_205

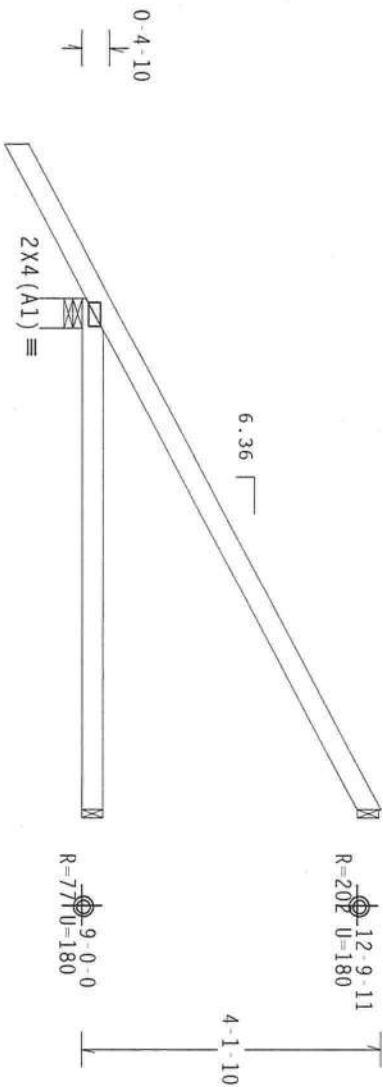
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

Hipjack supports 5-0-0 setback jacks with no webs.

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

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

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



←2-1-7→

←7-0-14 Over 3 Supports →
R=302 U=180 W=4.95"

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

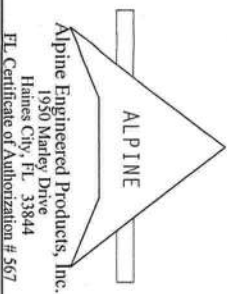
7.04.05

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

Scale = .375"/ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DCS-1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 503 S. O'CONNOR DR., SUITE 200, MADISON, WI 53719, AND NCSA (NATIONAL CENTER OF SAFETY AND CONSTRUCTION) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NCSA (NATIONAL CENTER OF SAFETY AND CONSTRUCTION) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.



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



FL/-/4/-/-/R/-		Scale = .375"/ft.	
TC LL	20.0 PSF	REF	R487 - 7034
TC DL	10.0 PSF	DATE	04/05/05
BC DL	10.0 PSF	DRW	HCUSR487 05095132
BC LL	0.0 PSF	HC-ENG	TCE/AF
TOT. LD.	40.0 PSF	SEON-	1159
DUR. FAC.	1.25		
SPACING	SEE ABOVE	JREF -	1SLY487_Z05

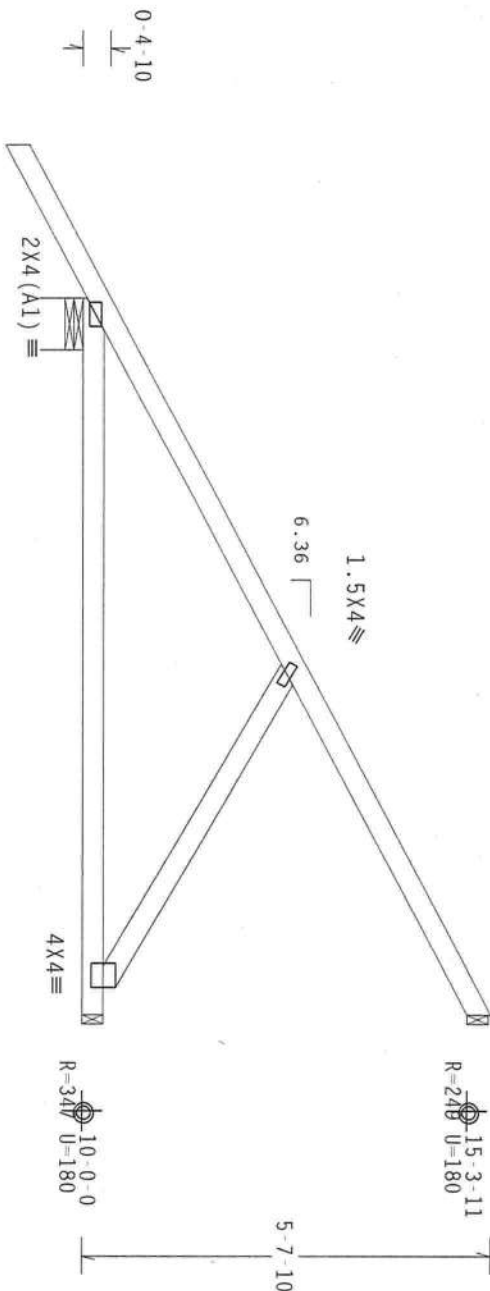
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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

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

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

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



← 2'-1'-7" →

9'-10'-13" Over 3 Supports
R=453 U=180 W=8.485"

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04.003.1

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

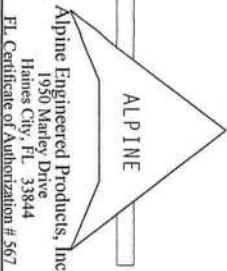
Scale = .375"/ft.

****WARNING**** TRUSSES PROVIDE EXTERIOR CASE IN FABRICATION, MANUFACTURING, SHIPPING, INSTALLING AND BRACING. REFER TO RCSE 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 503 E. O'HORIO DR., SUITE 200, MADISON, WI 53719, AND NCEA (6000) TRUSS CONSTRUCTION OF AMERICA, 6000 ENTERPRISE LN, MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

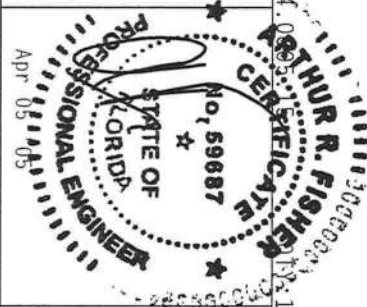
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OF FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

CONNECTIONS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OF FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

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1950 Marley Drive
Haines City, FL 33844
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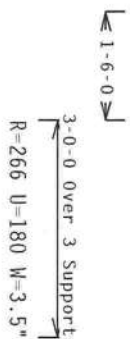


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BC DL	10.0 PSF	DRW	HCSR487 05095133
BC LL	0.0 PSF	HC-ENG TCE/AF	
TOT. LD.	40.0 PSF	SEON	1205
DUR. FAC.	1.25		
SPACING	SEE ABOVE		

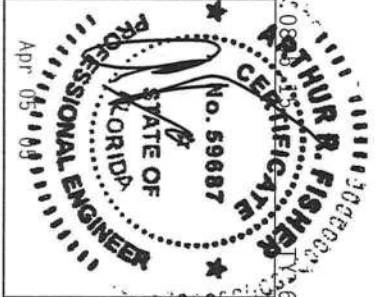
JREF - 1SLY487_205

110 mph wind, 9.95 ft mean hgt, ASCE 7-98, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Provide (2) 0.162x3.5" 16d Common toe-nails at Top Chord.
Provide (2) 0.162x3.5" 16d Common toe-nails at Bottom Chord.



Scale = .375"/Ft.



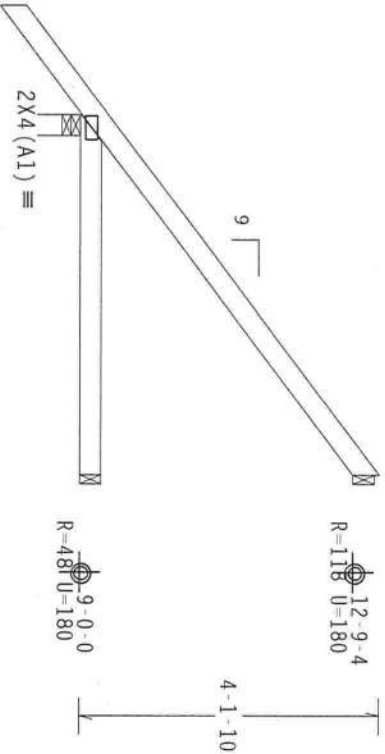
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TC DL	10.0 PSF	DATE	04/05/05
BC DL	10.0 PSF	DRW	HCUSR487 05095134
BC LL	0.0 PSF	HC-ENG	TCE/AF *
TOT.LD.	40.0 PSF	SEQN -	1150
DUR.FAC.	1.25		
SPACING	24.0"	JREF -	1SLY487_205

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

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

Provide (2) 0.162x3.5" 16d Common toe-nails at Top Chord.
Provide (2) 0.162x3.5" 16d Common toe-nails at Bottom Chord.

110 mph wind, 10.70 ft mean hgt, ASCE 7-98, CLOSED bldg, not
located within 4.50 ft from roof edge, CAT II, EXP B, wind TC
DL=5.0 psf, wind BC DL=5.0 psf.



≤ 1-6-0 ≥

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

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04

FL/-/4/-/1-/R/-

Scale = .375"/ft.

****WARNING**** THUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DETAIL 1-03 (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC., 100 NORTH MICHIGAN, SUITE 200, CHICAGO, IL 60610. THIS DOCUMENT IS THE PROPERTY OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC. AND 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 THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC. THIS DOCUMENT IS NOT TO BE USED FOR ANY OTHER PROJECT OR FOR ANY OTHER PURPOSE. THE USER OF THIS DOCUMENT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE THUSSES IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF THUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC., BY AREA) AND TPI. ALPINE CONSTRUCTION PLANS ARE MADE OF 2018/16d (4x4/5x5) ASH 4653 GRADE 40/60 (W, K/HS) GALV. STEEL. APPLY PLATES TO EACH FACE OF THUSSES AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1000-2.

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FL Certificate of Authorization #567



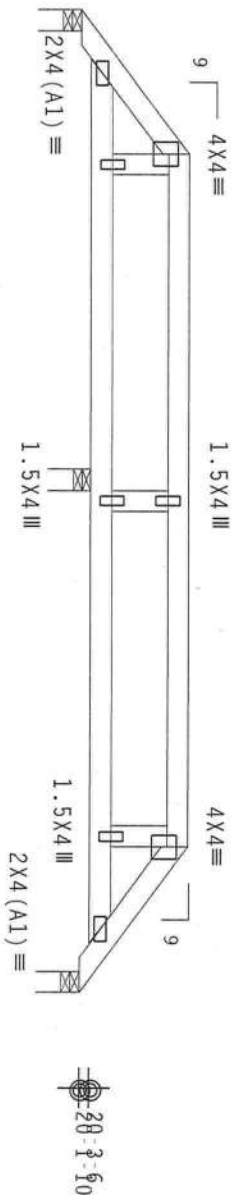
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TC DL	10.0 PSF	DATE 04/05/05
BC DL	10.0 PSF	DRW HCUSR487 05095135
BC LL	0.0 PSF	HC-ENG TCE/AF
TOT.LD.	40.0 PSF	SEQN- 1154
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SLY487_205

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

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

Refer to DWG PIGBACKB0204 for piggyback details.
Top chord of supporting truss under piggyback to be braced at 24" oc.

110 mph wind, 20.89 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.



0-8-3
1-3-13
5-9-13
9-7-0
1-3-13
0-8-3
13-7-0 Over 3 Supports
R=290 U=180 W=3.5
R=485 U=180 W=3.5
R=312 U=180 W=3.5

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04

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

Scale = .375"/ft.

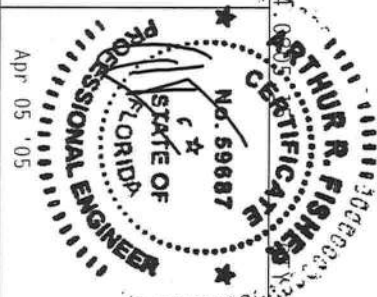
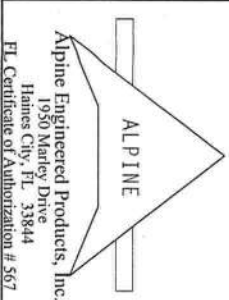
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, MARKING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31-1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 508 O'DONOGHUE DR., SUITE 200, MADISON, WI 53719) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6500 ENTERPRISE 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 WCA (WOOD TRUSS COUNCIL OF AMERICA, 6500 ENTERPRISE LN, MADISON, WI 53719) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6500 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

ALPINE ENGINEERED PRODUCTS, INC. 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 WCA (WOOD TRUSS COUNCIL OF AMERICA, 6500 ENTERPRISE LN, MADISON, WI 53719) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6500 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

ALPINE ENGINEERED PRODUCTS, INC. 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 WCA (WOOD TRUSS COUNCIL OF AMERICA, 6500 ENTERPRISE LN, MADISON, WI 53719) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6500 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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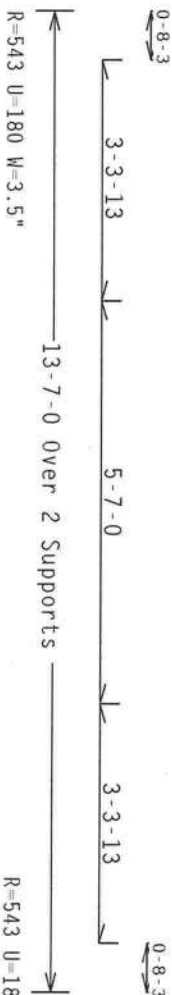
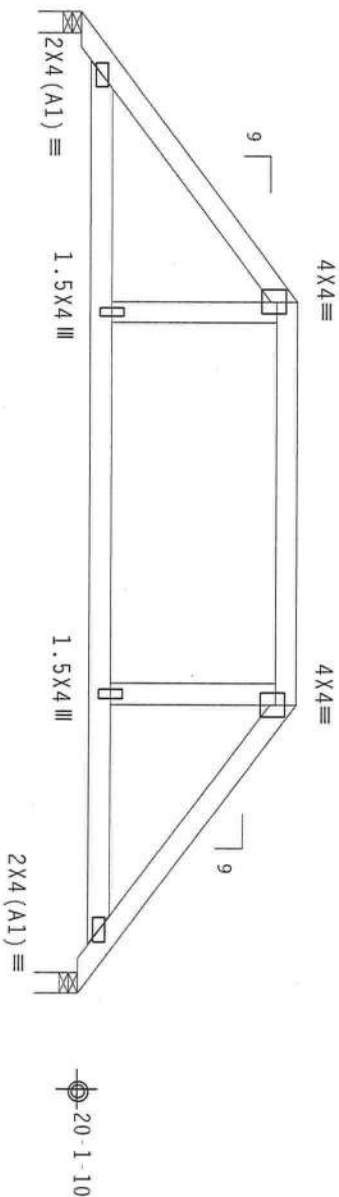
SPACING	24.0"	UREF - 1SLY487_Z05
DUR.FAC.	1.25	
TOT.LD.	40.0 PSF	HC-ENG TCE/AF
BC.DL	0.0 PSF	SEON- 1246
BC.DL	10.0 PSF	DRW HCUR487 05095137
TC.DL	10.0 PSF	DATE 04/05/05
TC.LL	20.0 PSF	REF R487-- 7039

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

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

Refer to DWG PIGBACKB0204 for piggyback details.
Top chord of supporting truss under piggyback to be braced at 24" oc.

110 mph wind, 21.64 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04

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

Scale = .375"/ft.

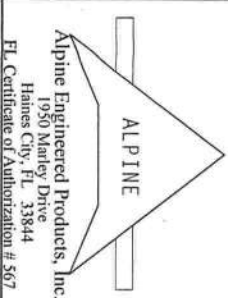
****WARNING**** BRIDGE EXISTING TRUSS IN FABRICATION, WELDING, SHIPPING, INSTALLING AND BRACING. REFER TO DCS 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 180 D'ONDORIO DR., SUITE 200, MADISON, WI 53719, AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE BLVD, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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

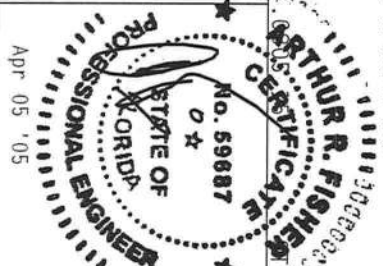
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF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

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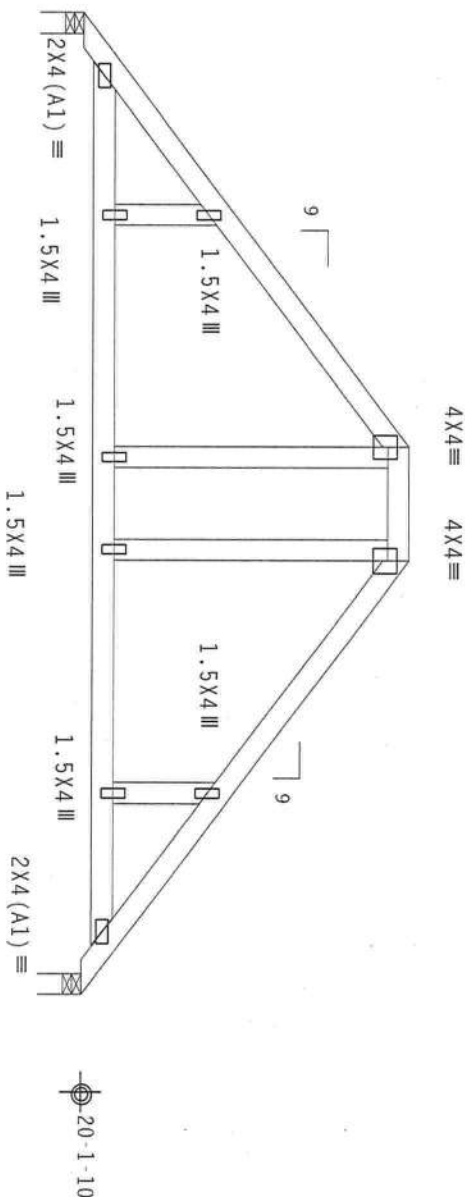
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TC DL	10.0 PSF	DATE 04/05/05
BC DL	10.0 PSF	DRW HCUSR487 05095138
BC LL	0.0 PSF	HC-ENG TCE/AF
TOT.LD.	40.0 PSF	SEQN- 1252
DUR.FAC.	1.25	
SPACING	24.0"	JREF - 1SLY487_205

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

110 mph wind, 22.39 ft mean hgt, ASCE 7-98, CLOSED bldg, not
located within 4.50 ft from roof edge, CAT II, EXP B, wind TC
DL=5.0 psf, wind BC DL=5.0 psf.

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

Refer to DWG PIGBACKB0204 for piggyback details.
Top chord of supporting truss under piggyback to
be braced at 24" oc.



0-8-3
5-3-13
1-7-0
5-3-13
0-8-3
13-7-0 Over 2 Supports
R-543 U=180 W=3.5"

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04.08.3

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

Scale = .375"/ft.

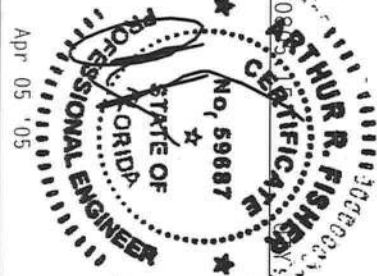
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DCS1-1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 O'CONNOR DR., SUITE 200, MADISON, WI 53719) AND NCEA (WOOD TRUSS COUNCIL OF AMERICA, 6900 ENTERPRISE 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, PRODUCTS, INC. SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, PRODUCTS, INC. SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR.

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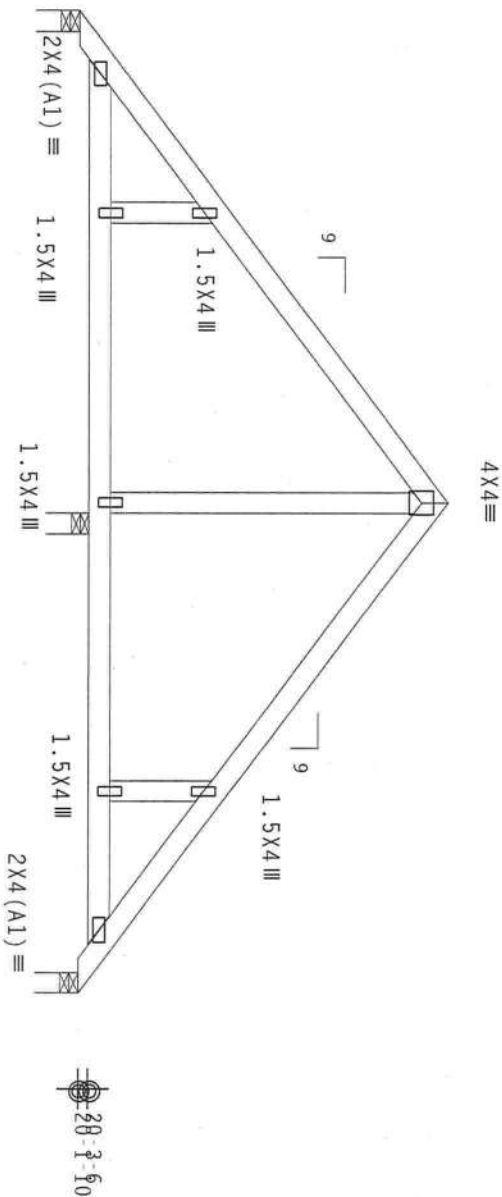
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TC DL	10.0 PSF	DATE 04/05/05
BC DL	10.0 PSF	DRW HCUR487 05095139
BC LL	0.0 PSF	HC-ENG TCE/AF
TOT. LD.	40.0 PSF	SEQN- 1259
DUR. FAC.	1.25	
SPACING	24.0"	
UREF	1SLY487_Z05	

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

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

Refer to DWG PIGBACKB0204 for piggyback details.
Top chord of supporting truss under piggyback to
be braced at 24" oc.

110 mph wind, 22.68 ft mean hgt, ASCE 7-98, CLOSED bldg, not
located within 4.50 ft from roof edge, CAT II, EXP B, wind TC
DL=5.0 psf, wind BC DL=5.0 psf.



0-8-3 6-4-13 6-1-5 13-7-0 Over 3 Supports 6-1-5 6-1-5 0-8-3
R=146 U=180 W=3.5" R=833 U=315 W=3.5" R=108 U=180 W=3.5"

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04.003

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

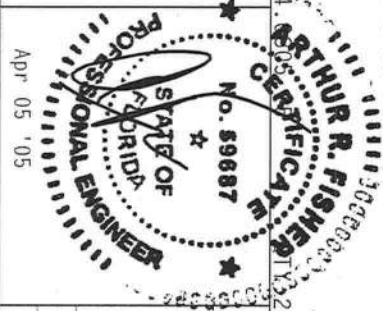
Scale = .375"/ft.

****WARNING**** TRUSSES, BRIDGE, EXISTING, NEW, OR MODIFIED, SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. REFER TO DECS 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 500 O'CONNOR DR., SUITE 200, MADISON, WI 53719, AND NCEA (NATIONAL TRUSS COUNCIL OF AMERICA, 6500 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. REFER TO DECS 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 500 O'CONNOR DR., SUITE 200, MADISON, WI 53719, AND NCEA (NATIONAL TRUSS COUNCIL OF AMERICA, 6500 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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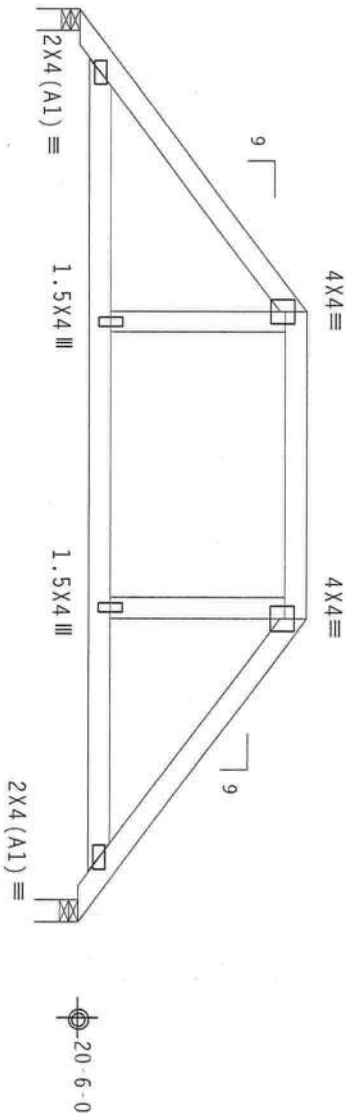
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TC DL	10.0 PSF	DATE	04/05/05
BC DL	10.0 PSF	DRW	HCUSR487 05095140
BC LL	0.0 PSF	HC-ENG	TCE/AF
TOT.LD.	40.0 PSF	SEQN-	1268
DUR.FAC.	1.25		
SPACING	24.0"	JREF	1SLY487_Z05

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

110 mph wind, 22.07 ft mean hgt, ASCE 7-98, CLOSED bldg, not
located within 4.50 ft from roof edge, CAT II, EXP B, wind TC
DL=5.0 psf, wind BC DL=5.0 psf.

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

Refer to DWG PIGBACKB0204 for piggyback details.
Top chord of supporting truss under piggyback to
be braced at 24" oc.



0-8-3
3-6-0
12-7-5 Over 2 Supports
3-6-0
0-8-3
R=504 U=180 W=3.5"

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04-08-2003

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

Scale = .375"/ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 563 D'AMORE 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 PLATES AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN COMPLIES WITH APPLICABLE PROVISIONS OF BOB (NATIONAL DESIGN SPEC. BY AIA/AS) AND TPI. ALPINE TRUSSES ARE DESIGNED TO BE USED IN CONFORMANCE WITH THE FOLLOWING: 1. TPI-1995(STD) SEC. 2.1. ALPINE TRUSSES TO EACH FACE OF TRUSS AND TRUSS JOINTS INDICATED ON THIS DESIGN PER A SEAL ON THIS BRACING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE

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

FL Certificate of Authorization # 567



FL	-	/	4	-	/	-	/	R	-
TC	LL								
20.0	PSF								
TC	DL								
10.0	PSF								
BC	DL								
10.0	PSF								
BC	LL								
0.0	PSF								
TOT.LD.									
40.0	PSF								
DUR.FAC.									
1.25									
SPACING									
24.0"									

REF	R487--	7045
DATE	04/05/05	
DRW	HCUR487	05095143
HC-ENG	TCE/AF	
SEON-	10068	

JREF - 1SLY487_205

CLB WEB BRACE SUBSTITUTION

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

NOTES:

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

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

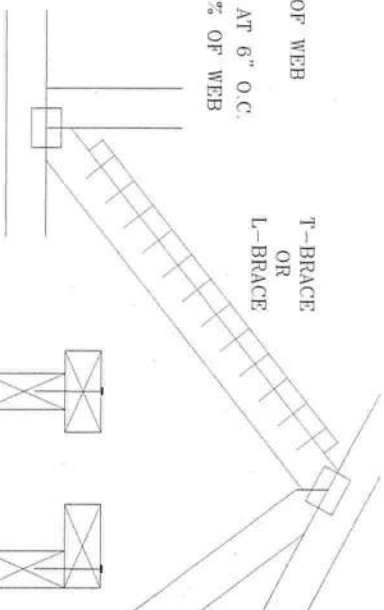
WEB MEMBER SIZE	SPECIFIED CLB BRACING	T OR L-BRACE	ALTERNATIVE BRACING SCAB BRACE
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

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

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

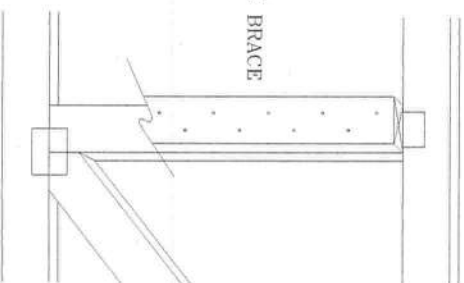
T-BRACING OR L-BRACING:

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



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



THIS DRAWING REPLACES DRAWING 579.640

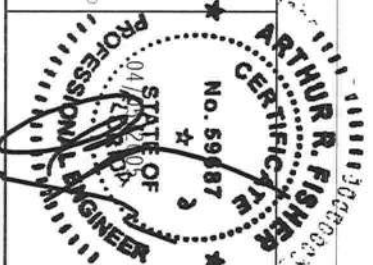
ALPINE

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 CODES AND TRUSS INFORMATION, PUBLISHED BY THE TRUSS PLATE INSTITUTE, 583 DODD RD., SUITE 200, MADISON, WI 53719, AND VITA (WOOD TRUSS CODE) 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 THE DESIGN OR THE CONSTRUCTION OF THE TRUSS OR BUILD THE TRUSS IN CONFORMANCE WITH THE TRUSS INFORMATION, PUBLISHED BY THE TRUSS PLATE INSTITUTE AND THE TRUSS CODES. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR THE DESIGN OR THE CONSTRUCTION OF THE TRUSS OR BUILD THE TRUSS IN CONFORMANCE WITH THE TRUSS INFORMATION, PUBLISHED BY THE TRUSS PLATE INSTITUTE AND THE TRUSS CODES. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR THE DESIGN OR THE CONSTRUCTION OF THE TRUSS OR BUILD THE TRUSS IN CONFORMANCE WITH THE TRUSS INFORMATION, PUBLISHED BY THE TRUSS PLATE INSTITUTE AND THE TRUSS CODES.

ON THIS DESIGN, POSITION PER BRACING 160A-2. ANY DEVIATION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC. (AISC) 13TH EDITION, 1989. THE DESIGNER, ENGINEER, ARCHITECT OR OTHER PROFESSIONAL PERSON RESPONSIBLE FOR THE TRUSS DESIGN SHALL BE RESPONSIBLE FOR THE TRUSS DESIGN AND THE TRUSS INFORMATION, PUBLISHED BY THE TRUSS PLATE INSTITUTE AND THE TRUSS CODES.

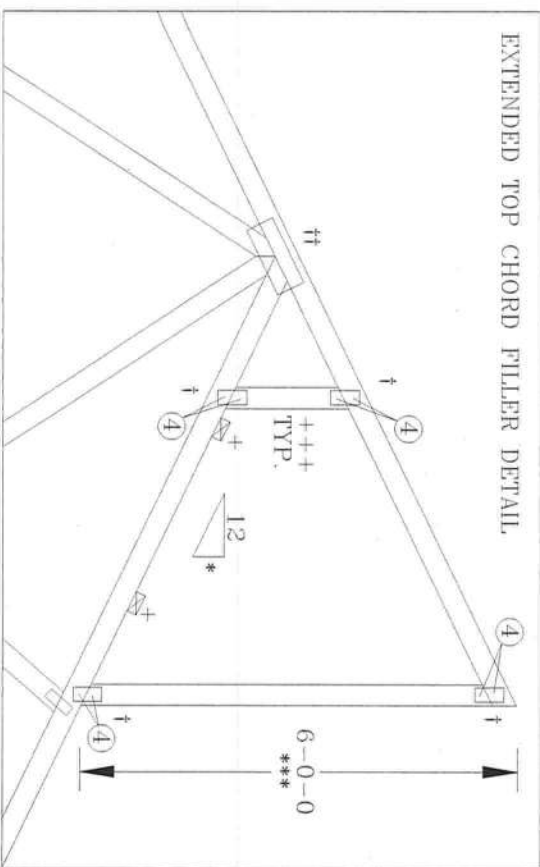


TC LL	PSF	REF	CLB SUBST.
TC DL	PSF	DATE	11/26/03
BC DL	PSF	DRWG	BRCCLBSUB1103
BC LL	PSF	-ENG	MLH/KAR
TOT. LD.	PSF		
DUR. FAC.			
SPACING			

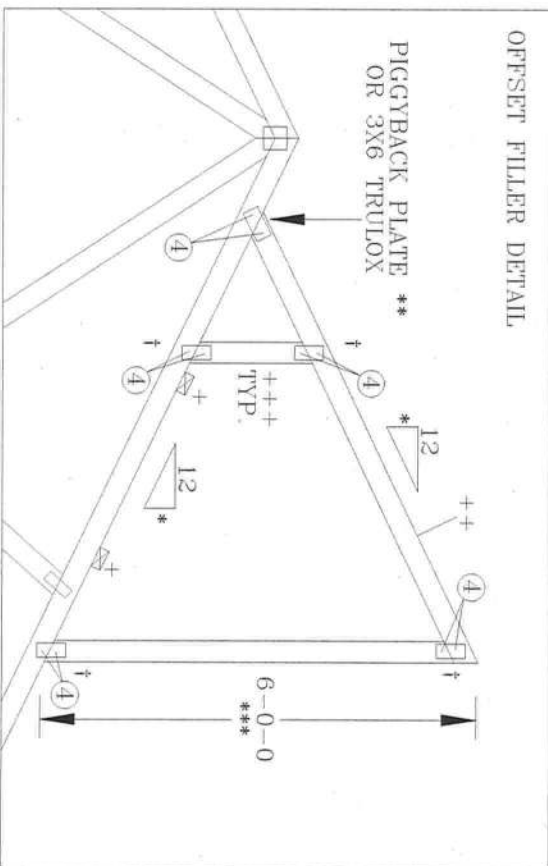
TOP CHORD FILLER DETAIL

- + 2X4 CONTINUOUS LATERAL BRACING AT 24" OC MAXIMUM SPACING. ATTACH TO EACH TOP CHORD WITH (2) 16d NAILS. BRACING MATERIAL TO BE SUPPLIED AND ATTACHED AT BOTH ENDS TO A SUITABLE SUPPORT BY ERECTION CONTRACTOR.
- ++ 2X4 SO. PINE #2 N OR SPF #1/#2 FILLER TOP CHORD.
- +++ 2X4 SO. PINE #3 OR SPF #1/#2 VERTICAL WEBS SPACED 48" OC MAXIMUM.
- * 8/12 MAXIMUM PITCH
- ** 2X8.25 PIGGYBACK SPECIAL PLATE. SEE DRAWING PIGBACKB0699 FOR PIGGYBACK SPECIAL PLATE INFORMATION.
- *** 6'0" MAXIMUM HEIGHT.
- † W2X4 OR 3X6 TRULOX.
- †† REFER TO ENGINEER'S SEALED DESIGN REFERENCING THIS DETAIL FOR LUMBER, PLATES, AND OTHER INFORMATION NOT SHOWN.
- 11 GAUGE (0.120")X1.375" NAILS REQUIRED FOR TRULOX PLATE ATTACHMENT. NAILS SPECIFIED IN CIRCLES MUST BE APPLIED TO EACH FACE OF EACH TRUSS PLY. SEE DWG 160TL FOR NAILING AND TRULOX PLATE REQUIREMENTS.

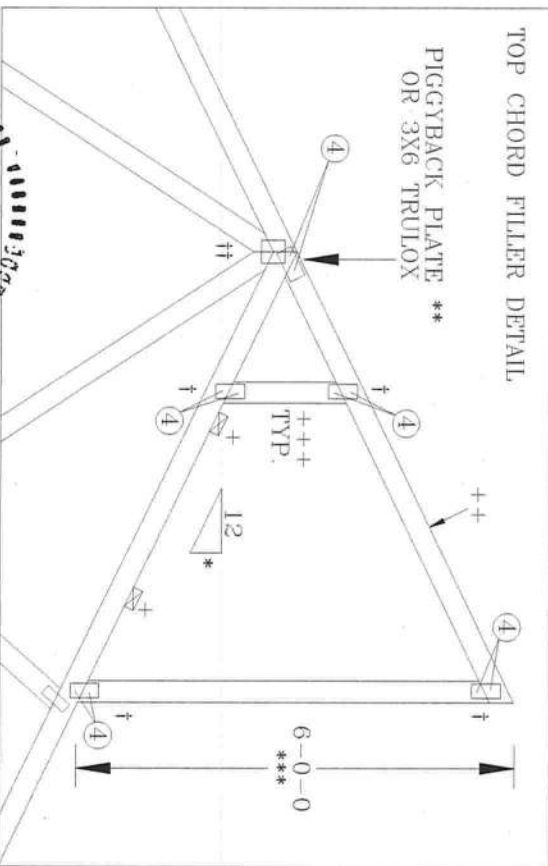
EXTENDED TOP CHORD FILLER DETAIL.



OFFSET FILLER DETAIL



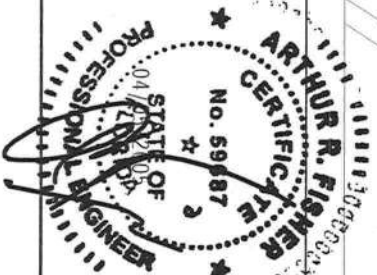
TOP CHORD FILLER DETAIL



ALPINE ENGINEERED PRODUCTS, INC.
POMPAHO BEACH, FLORIDA

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RESOURCES FOR BUILDING CODES, SAFETY INFORMATION, PUBLISHED BY THE CROSS OF AMERICA 6300 ENTERPRISE LN, MARLBOROUGH, MA 01702 FOR SAFETY PRACTICES PRIOR TO ERECTION. 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 REVELATION FROM THIS DESIGN, ANY FAILURE TO BRACE OR TRUSS OR CONNECTIONS, HANDLING, SHIPPING, INSTALLING A SPEC. BY A/E/P/D AND TEL. ALPINE CONNECTOR PLATES ARE MADE OF 2018/1604 (X1/4/5/6) ASTM A653 GRADE 40/50 (X1/4/5/6) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED IN THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AREA A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF THE PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS CONSTRUCTION DESIGN. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER AREA 11 SEC. 2.



THIS DRAWING REPLACES DRAWING 884.080

TC LL	MAX 30 PSF	REF	TC-FILLER
TC DL	MAX 15 PSF	DATE	11/26/03
TC DL	MAX 10 PSF	DRWG	TCFILLER1103
TC LL	0 PSF	-ENG	SJP/KAR
TOT. LD.	MAX 55 PSF		
DUR. FAC.	1.15 OR 1.33		
SPACING	24.0"		

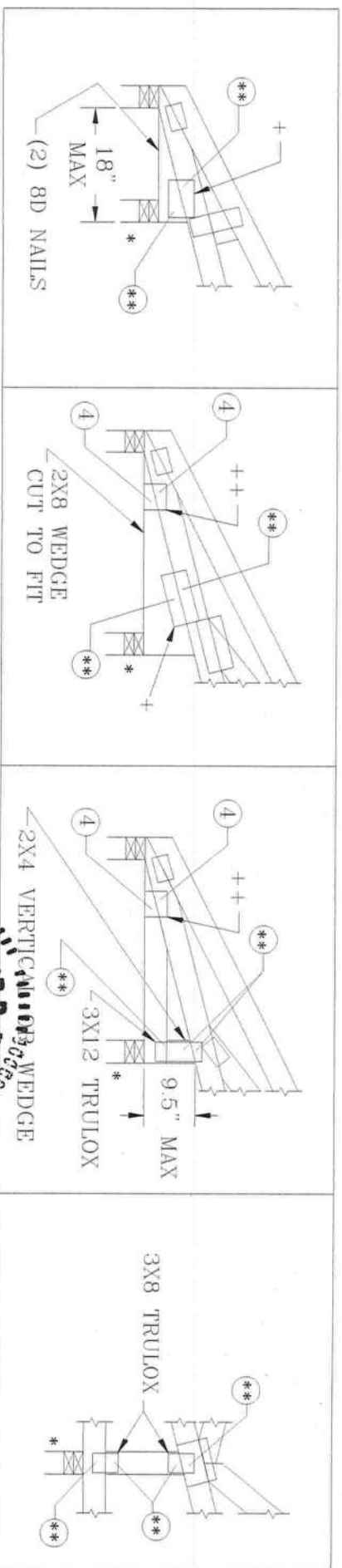
BOTTOM CHORD FILLER DETAIL

++ 2X4 WAVE OR 3X6 TRULOX

REFER TO ENGINEER'S SEALED DESIGN REFERENCE THIS
DETAIL FOR LUMBER, PLATES, AND OTHER INFORMATION NOT
SHOWN.

ALL TRULOX PLATES SHOWN ARE MINIMUMS. LARGER PLATES MAY BE REQUIRED TO ACCOMMODATE REQUIRED NAILS (**)

FILLER BOTTOM CHORD OR WEDGE SPECIES	MAXIMUM REACTION		MINIMUM BEARING AREA	** REQUIRED NAILS PER FACE WITH TRULOX PLATES				
	DOWNWARD	UPLIFT		1.00 D.O.L.	1.15 D.O.L.	1.25 D.O.L.	1.33 D.O.L.	1.60 D.O.L.
DOUGLAS FIR-LARCH	3281 #	1656 #	1.5" X 3.5"	12	11	10	9	8
HEM-FIR	2126 #	1095 #	1.5" X 3.5"	9	8	7	7	6
SPRUCE-PINE-FIR	2231 #	1192 #	1.5" X 3.5"	10	9	8	8	6
SOUTHERN PINE DENSE	3465 #	1791 #	1.5" X 3.5"	12	11	10	9	8
SOUTHERN PINE	2966 #	1492 #	1.5" X 3.5"	10	9	8	8	7
SOUTHERN PINE NON-DENSE	2520 #	1343 #	1.5" X 3.5"	9	8	7	7	6



DRAWING REPLACES DRAWINGS A115 A115/R & 884,132



ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

WARNING TO BEES-LOCUSE EXTERIOR CASE, IRREGULARITY, HANDLING, SHIPPING, INSTALLING AND
BRACING, REFER TO DESIGN-13 BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI GROUP
PLATE INSTITUTE, 583 PONDVIEW RD., SUITE 200, MADISON, WI 53719, AND VITA-CORROD 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.

PRODUCT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR, ALPINE ENGINEER &
PERIODICALLY, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN AND ENGINEER TO
BOLD THE TRUSSES IN CONFORMANCE WITH TPI, PER FABRICATING, HANDLING, SHIPPING, INSTALLING &
BRACING OF TRUSSES. DESIGN CONFORMANCE WITH APPLICABLE PROVISIONS OF NDS OPTIONAL DESIGN SPEC.
FOR ALPINE AND TPI, ALPINE CONNECTOR PLATES ARE MADE OF 2010/16564 (WYS/S/2) ASTM A533 GRADE
60/60 (60/60) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED
OR OTHERWISE INDICATED, TOP CHORDS BEARING 1600 LBS. AND AN INSPECTION OF PLATES FOLLOWED BY 4D SHALL
BE PERFORMED. ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN.
SUSTAINABILITY AND OF THE TRUSS COMPONENT FOR THE BUILDING IS THE RESPONSIBILITY OF THE BUILDING
DESIGNER, PER ANSI/APA SEC. 2.

ARTHUR R. FISHER
CERTIFICATE
No. 59587

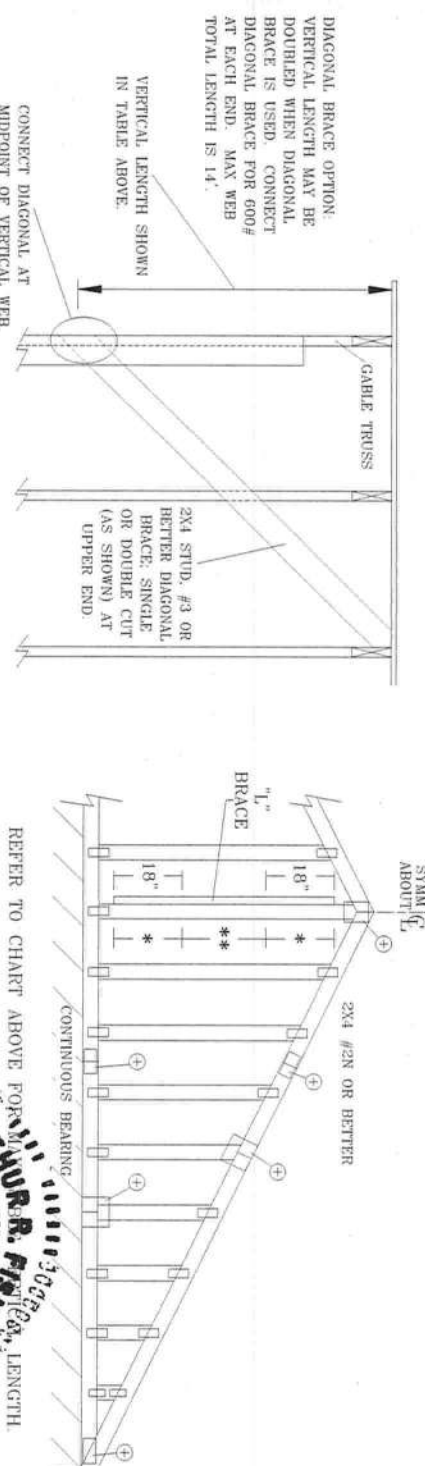
TC LL	—	PSF	REF	BC FILLER
TC DL	—	PSF	DATE	11/26/03
BC DL	100	PSF	DRWG	BCFILLER103
BC LL	—	PSF	-ENG	DLJ/KAR
TOT. LD.	—	PSF		
DUR. FAC.	1.0/1.15/1.25/1.33			
SPACING	24.0"			

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	BRACES	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B
12" O.C.	SPF	#1 / #2	3' 10"	6' 8"	6' 10"	7' 11"	8' 1"	9' 5"	9' 8"	12' 5"	12' 9"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	STUD	#3	3' 9"	6' 0"	6' 0"	7' 11"	7' 11"	9' 5"	9' 5"	12' 4"	12' 4"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	HF	STANDARD	3' 9"	5' 2"	5' 2"	6' 9"	6' 9"	9' 1"	9' 1"	10' 7"	10' 7"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	SP	#1	4' 3"	6' 8"	6' 8"	7' 11"	8' 6"	9' 5"	10' 2"	12' 5"	13' 5"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
16" O.C.	SP	#2	4' 2"	6' 8"	6' 8"	7' 11"	8' 6"	9' 5"	10' 2"	12' 5"	13' 5"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	DFL	STUD	4' 0"	6' 1"	6' 1"	7' 11"	8' 1"	9' 5"	9' 11"	12' 5"	12' 8"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	SPF	STANDARD	3' 10"	5' 3"	5' 3"	6' 11"	6' 11"	9' 4"	9' 11"	10' 10"	10' 10"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	HF	#1 / #2	4' 5"	7' 8"	7' 8"	9' 1"	9' 4"	10' 10"	11' 1"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
24" O.C.	SPF	#3	4' 4"	7' 4"	7' 4"	9' 1"	9' 1"	10' 10"	10' 10"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	STUD	STANDARD	4' 4"	6' 4"	6' 4"	8' 4"	8' 4"	10' 10"	10' 10"	12' 11"	12' 11"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	SP	#1	4' 10"	7' 8"	8' 3"	9' 1"	9' 9"	10' 10"	11' 8"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	DFL	#2	4' 6"	7' 7"	7' 7"	9' 1"	9' 6"	10' 10"	11' 4"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"

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

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS $L/240$.
 PROVIDE UPLIFT CONNECTIONS FOR 80 PSF OVER CONTINUOUS BEARING (5 PSF TO DEAD LOAD).
 GABLE END SUPPORTS LOAD FROM 4' 0" OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" PLYWOOD OVERHANG.
 ATTACH EACH "L" BRACE WITH 10d NAILS.
 * FOR (1) "L" BRACE: SPACE NAILS AT 2' 0" O.C. IN 16" END ZONES AND 4' 0" O.C. BETWEEN ZONES.
 ** FOR (2) "L" BRACES: SPACE NAILS AT 3' 0" O.C. IN 16" END ZONES AND 6' 0" O.C. BETWEEN ZONES.
 "L" BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH.



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

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

ALPINE ENGINEERED PRODUCTS, INC.
 POMPANO BEACH, FLORIDA

ALPINE

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

REF ASCE7-98-GABI1015
 DATE 11/26/03
 DRWG A11015EC1103
 -ENG

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

SYMBOL ABOUT

FOR LET-IN VERTICALS

GABLE VERTICAL LENGTH TYP.

VERTICAL LENGTH BETWEEN CHORDS	PLATE SIZE
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 ENGINEERED TRUSS DESIGN SPlice, WEB AND HEEL PLATES.

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

EXAMPLE:

2X4

2X4

PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS. ATTACH EACH "W" BRACING MEMBER WITH

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

④ REFER TO ENGINEERED TRUSS DESIGN FOR PEAK SPLICE, WEB AND HEEL PLATES.

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

EXAMPLE:



PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN. ATTACH EACH "J" 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 ASCENDING OR DESCENDING WIND LOAD.

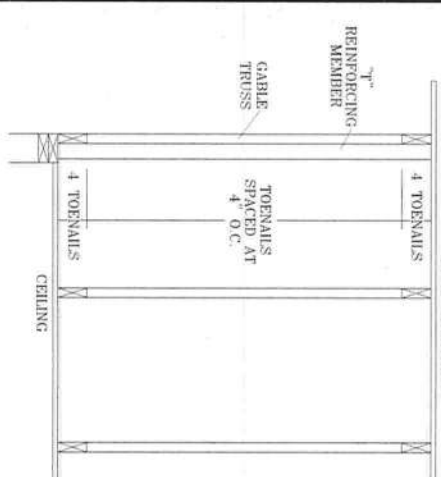
ASCE 7-93 GABLE DETAIL DRAWINGS

AI015ENI03, AI0015ENI03, A09015ENI03, A08015ENI03, A07015ENI03
AI1030ENI03, AI0030ENI03, A09030ENI03, A08030ENI03, A07030ENI03
ASCE 7-98 GABLE DETAIL DRAWINGS

AI3015EC1I03, AI2015EC1I03, AI1015EC1I03, AI0015EC1I03, A08515EC1I03
AI3030EC1I03, AI2030EC1I03, AI1030EC1I03, AI0030EC1I03, A08530EC1I03
SBCCI GABLE DETAIL, DRAWINGS

S11015ENI103, S10015ENI103, S09015ENI103, S08015ENI103, S07015ENI103
S11030ENI103, S10030ENI103, S09030ENI103, S08030ENI103, S07030ENI103

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



*****CAVARNIO***** THESE RESOLVE EXTREME CARE FABRICATING, HANDLING, SHIPPING, INSTALLING AND
BRACING REFER TO PCS1-1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE STRESS
PLATE INSTITUTE, 583 DOWNEY BLVD., SUITE 200, NORTON, MA 01919, AND VICA (WOOD TRUSS CONSULTING
ENTERPRISE, LLC, 140 WADSWORTH ST., SUITE 101, SOUTH BEND, IN 46719), FOR SAFETY PRACTICES PRIOR TO PERFORMING
THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED
TRUSS FLOOR, PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

ALPINE

ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

PLACES DRAWINGS GAB9817 876,719 & HC26294035

WIND SEED		3" REIN	SBCI	ASCE
AND MRH	MR. SIZE			
110 MPH	2x4	10 %	10 %	
15 FT	2x6	40 %	50 %	
110 MPH	2x4	10 %	10 %	
30 FT	2x6	50 %	50 %	
100 MPH	2x4	10 %	10 %	
15 FT	2x6	30 %	50 %	
100 MPH	2x4	10 %	10 %	
30 FT	2x6	40 %	40 %	
90 MPH	2x4	20 %	10 %	
15 FT	2x6	20 %	40 %	
90 MPH	2x4	10 %	10 %	
30 FT	2x6	30 %	50 %	
80 MPH	2x4	10 %	10 %	
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

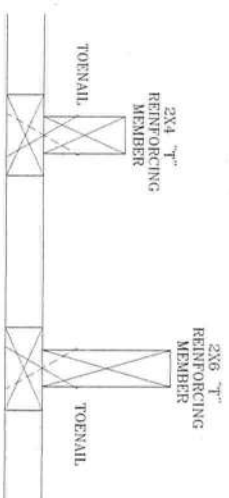
ASCE WIND SPEED = 100 MPH

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

T REINFORCING MEMBER SIZE = 2X4

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

MAXIMUM "T" REINFORCED GABLE VERTICAL LENGTH
1.10 x 6' 7" = 7' 3"

$$1.10 \times 6^{\circ} 7'' = 7^{\circ} 3''$$


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

MAXIMUM ALLOWABLE "Y" REINFORCED CABLE VERTICAL LENGTH IS 14' FROM TOP TO BOTTOM CHORD.

WEB LENGTH INCREASE W/ "T" BRACE

REF	LET-IN VERT
DATE	01/16/04
DRWG	GBLETTN1103
-ENG	DLJ/KAR
MAX TOT. LD.	60 PSF
DUR. FAC.	ANY
MAX SPACING	24.0"

MAXIMUM NUMBER OF NAIL LINES PARALLEL TO GRAIN

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)

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.



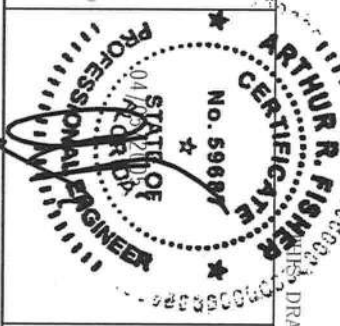
NAIL TYPE	DISTANCES		
	A	B*	C**
8d BOX (0.113"x2.5")	3/4"	1 3/8"	1 3/4"
10d BOX (0.128"x3")	7/8"	1 5/8"	2"
12d BOX (0.128"x3.25")	7/8"	1 5/8"	2"
16d BOX (0.135"x3.5")	7/8"	1 5/8"	2 1/8"
20d BOX (0.148"x4")	1"	1 7/8"	2 1/4"
8d COMMON (0.131"x2.5")	7/8"	1 5/8"	2"
10d COMMON (0.148"x3")	1"	1 7/8"	2 1/4"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

DRAWING REPLACES DRAWING B139 AND CNBRGELK06995



••WARNING•• ISSUES REQUIRE EXTREME CARE, FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCL1-003 (BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 5803 DORCHESTER RD., SUITE 200, MAINTON, MI 53179) AND WITA (WOOD TRUSS CONNECTING OF AMERICA, 6300 ENTERPRISE LN, MAINTON, MI 53179) 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 AND FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPECIFICATIONS FOR WOOD AND GLU LAMINATED TIMBER CONSTRUCTION), AND AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC.) STEEL DESIGN. POSITION TOP BEAMS/MS 160x2 AND OTHER BRACING OF PLATES FOLLOWED BY CD SHALL BE IN ACCORDANCE WITH AISC 360-10. THE DESIGNER'S DESIGN SHALL BE THE RESPONSIBILITY OF THE BUILDING DESIGNER. THE USER SHALL BE RESPONSIBLE FOR THE BUILDING DESIGNER, PER AISC 360-10 SEC. 2.



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

CERTIFICATE OF OCCUPANCY

OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

This Certificate of Occupancy is issued to the below named permit holder for the building and premises at the below named location, and certifies that the work has been completed in accordance with the Columbia County Building Code.

Parcel Number 21-4S-16-03081-101

Building permit No. 000022721

Use Classification SFD, UTILITY

Fire: 59.20

Permit Holder MIKE TODD

Waste: 122.50

Owner of Building MIKE TODD

Total: 181.70

Location: 122 SW ROYAL COURT(KENSINGTON, LOT 1)

Date: 11/30/2005

John K. Kuce

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)



Notice of Treatment

Applicator Florida Pest Control & Chemical Co.

11331

Address BAYA AVE

City L. C.

Phone 752 1703

Site Location Subdivision Kensington

Lot# 1 Block# Permit# 22721

Address 122 SW Royal Court

AREAS TREATED

Area Treated	Date	Time	Gal.	Print Technician's Name
Main Body	2/22/05	1330	525	F254
Patio/s #				
Stoop/s #				
Porch/s #				
Brick Veneer				
Extension Walls				
A/C Pad				
Walk/s #				
Exterior of Foundation				
Driveway Apron				
Out Building				
Tub Trap/s				
(Other)				

Name of Product Applied DURSBAW TC

0.05

%

Remarks exterior not finished.