

DATE 02/09/2006

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000024124

APPLICANT JONATHAN PERRY PHONE 719-7192
ADDRESS 373 NW OLD MILL DRIVE LAKE CITY FL 32055
OWNER JONATHAN PERRY PHONE 719-7192
ADDRESS 133 SW LANCELOT GLEN LAKE CITY FL 32025
CONTRACTOR JONATHAN PERRY PHONE 719-7192
LOCATION OF PROPERTY SISTERS WELCOME RD,TR STONEHENGE LANE, TR ON GUINEVERE,
TR ON LANCELOT, 2ND LOT ON LEFT

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 96700.00
HEATED FLOOR AREA 1934.00 TOTAL AREA 2877.00 HEIGHT STORIES 1
FOUNDATION CONC WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB
LAND USE & ZONING RSF-2 MAX. HEIGHT 17
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 23-4S-16-03099-214 SUBDIVISION STONEHENGE
LOT 14 BLOCK PHASE 2 UNIT TOTAL ACRES

000000966 CBC0580420
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
CULVERT 06-0055-N BK JH y
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: ONE FOOT ABOVE THE ROAD, NOC ON FILE
ALTERNATE TERMIT TREATMENT RECEIVED
1ST FLOOR ELEVATION LETTER IN FILE Check # or Cash 1257

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power Foundation Monolithic
date/app. by date/app. by date/app. by
Under slab rough-in plumbing Slab Sheathing/Nailing 01/04/2006 HD
date/app. by date/app. by date/app. by
Framing Rough-in plumbing above slab and below wood floor
date/app. by date/app. by
Electrical rough-in Heat & Air Duct Peri. beam (Lintel)
date/app. by date/app. by date/app. by
Permanent power C.O. Final Culvert
date/app. by date/app. by date/app. by
M/H tie downs, blocking, electricity and plumbing Pool
date/app. by date/app. by
Reconnection Pump pole Utility Pole
date/app. by date/app. by date/app. by
M/H Pole Travel Trailer Re-roof
date/app. by date/app. by date/app. by

BUILDING PERMIT FEE \$ 485.00 CERTIFICATION FEE \$ 14.38 SURCHARGE FEE \$ 14.38
MISC. FEES \$ 0.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ 0.00 WASTE FEE \$
FLOOD DEVELOPMENT FEE \$ FLOOD ZONE FEE \$ 25.00 CULVERT FEE \$ 25.00 TOTAL FEE 613.76
INSPECTORS OFFICE CLERKS OFFICE

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

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

This Permit Must Be Prominently Posted on Premises During Construction

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

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

WARRANTY DEED

THIS INDENTURE, made this 11th day of January, 2006, between Umesh M. Mhatre and Shilpa U. Mhatre, his wife, whose address is 165 SW Vision Glen, Lake City, Florida 32025, Grantors, and JONATHAN D. PERRY CONSTRUCTION, LLC, whose address is 373 NW Old Mill Drive, Lake City, Florida 32055, Grantee,

W I T N E S S E T H:

That said Grantors, for and in consideration of the sum of TEN AND NO/100 (\$10.00) DOLLARS, and other good and valuable considerations to said Grantors in hand paid by said Grantee, the receipt whereof is hereby acknowledged, have granted, bargained and sold to the said Grantee, and Grantee's heirs, successors and assigns forever, an undivided one-half (1/2) interest in the following described land, situate, lying and being in COLUMBIA County, Florida, to-wit:

Lot 14, Stonehenge Phase 2, a subdivision according to the plat thereof recorded at Plat Book 8, pages 29-30, public records of Columbia County, Florida.

(Tax parcel number R03099-214)

SUBJECT TO: Taxes for 2006 and subsequent years; restrictions and easements of record; easements shown by the plat of said property.

And said Grantors do hereby fully warrant the title to said land and will defend the same against the lawful claims of all persons whomsoever.

IN WITNESS WHEREOF, Grantors have hereunto set their hands and seals the day and year first above written.

Signed, sealed and delivered
in the presence of:

Julie Calloway
Print Name: Julie Calloway

Patricia Fink
Print Name: Patricia Fink
Witnesses as to Grantors

STATE OF FLORIDA
COUNTY OF COLUMBIA

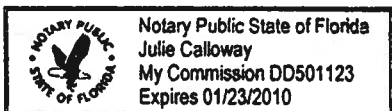
Umesh M. Mhatre
UMESH M. MHATRE

Shilpa U. Mhatre
SHILPA U. MHATRE

This Instrument Prepared L.
EDDIE M. ANDERSON, P.A.
P. O. Box 1179
Lake City, Florida 32056-1179

The foregoing instrument was acknowledged before me this 11th day of January, 2006, by Umesh M. Mhatre and Shilpa U. Mhatre, his wife. They are personally known to me.

(Notarial Seal)



Julie Calloway
Notary Public
My Commission Expires:

WARRANTY DEED

THIS INDENTURE, made this 11th day of January, 2006, between Donald E. Williams and Sandra P. Williams, his wife, whose address is 541 SW Airpark Glen, Lake City, Florida 32025, Grantors, and JONATHAN D. PERRY CONSTRUCTION, LLC, whose address is 373 NW Old Mill Drive, Lake City, Florida 32055, Grantee,

W I T N E S S E T H:

That said Grantors, for and in consideration of the sum of TEN AND NO/100 (\$10.00) DOLLARS, and other good and valuable considerations to said Grantors in hand paid by said Grantee, the receipt whereof is hereby acknowledged, have granted, bargained and sold to the said Grantee, and Grantee's heirs, successors and assigns forever, an undivided one-half (1/2) interest in the following described land, situate, lying and being in COLUMBIA County, Florida, to-wit:

Lot 14, Stonehenge Phase 2, a subdivision, according to the plat thereof recorded at Plat Book 8, pages 29-30, public records of Columbia County, Florida.

(Tax parcel number R03099-214)

SUBJECT TO: Taxes for 2006 and subsequent years; restrictions and easements of record; easements shown by the plat of said property.

And said Grantors do hereby fully warrant the title to said land and will defend the same against the lawful claims of all persons whomsoever.

IN WITNESS WHEREOF, Grantors have hereunto set their hands and seals the day and year first above written.

Signed, sealed and delivered
in the presence of:

Eddie M. Anderson

Print Name: Eddie M. Anderson

Julie Callaway

Print Name: Julie Callaway

Witnesses as to Grantors

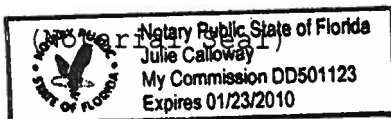
STATE OF FLORIDA
COUNTY OF COLUMBIA

Donald E. Williams
DONALD E. WILLIAMS

Sandra P. Williams
SANDRA P. WILLIAMS

This Instrument Prepared By
EDDIE M. ANDERSON, P.A.
P. O. Box 1179
Lake City, Florida 32056-1179

The foregoing instrument was acknowledged before me this 11th day of January, 2006, by Donald E. Williams and Sandra P. Williams, his wife. They are personally known to me.



Julie Callaway
Notary Public
My Commission Expires:

AFFIDAVIT OF OWNERSHIP

STATE OF FLORIDA
COUNTY OF COLUMBIA

BEFORE ME, the undersigned notary public, personally appeared DONALD E. WILLIAMS and SANDRA P. WILLIAMS, his wife, who, having been first duly sworn according to law, depose and say:

1. We have personal knowledge of all matters in this affidavit.
2. We are the owners (hereafter collectively referred to as the "Owner") of an undivided one-half interest in the fee simple title to certain real property (hereafter referred to as the "property") situated in Columbia County, Florida, more particularly described in title insurance commitment number C-2948456 issued in connection herewith, subject only to those matters set forth in said title insurance commitment.
3. The Owner has been vested with their portion of the title to the property since July 30, 2002.
4. The Owner's title to and possession and enjoyment of the property have been open, notorious, peaceable, and undisturbed.
5. Neither the Owner's title to nor possession and enjoyment of the property have ever been disputed or questioned, nor is the Owner aware of any facts by reason of which the title to, or possession of, the property or any part of it or any personal property located on it might be disputed or questioned or by reason of which any claim to the property or any portion of it or any personal property located on it might be adversely asserted.
6. No person or entity other than the Owner claims or is presently entitled to the right to possession or is in possession of the property and there are no tenancies, leases, or other occupancies that affect the property.
7. There are no disputes concerning the location of the boundary lines of the property.
8. There are no outstanding or unpaid taxes or assessments (pending or certified) or any unpaid or unsatisfied mortgages, claims of lien or other matters that constitute or could constitute a lien or encumbrance against the property or any improvements on it or any part of it or against any personal property located on it, other than as shown by title commitment number C-2948456.

9. There are no security agreements, financing statements, title retention contracts or personal property leases affecting any materials, fixtures, appliances, furnishings, or equipment placed on or installed in or on the property or the improvements located on it.

10. There are no actions, proceedings, judgments, bankruptcies, liens, or executions recorded among the public records of Columbia County, Florida, or any other county in Florida or pending against the Owner in the courts of Columbia County, Florida, or any other courts.

11. No improvements or repairs have been made to the property during the 90-day period immediately preceding the date of this affidavit, and there are no unpaid bills of any nature, either for labor or materials used in making improvements or repairs on the property, or for services of architects, surveyors, or engineers incurred in connection with the property.

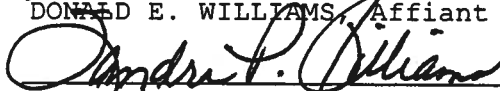
12. Subsequent to November 23, 2005 at 5:00 p.m. the Owner has not, and the Owner hereby agrees and represents that they will not, execute any instrument, or do any act whatsoever, that in any way would or may affect the title to the property, including but not limited to the mortgaging or conveying the property or any interest in it or causing any liens to be recorded against the property or the Owner.

13. This affidavit is made (1) to induce Eddie M. Anderson, P.A. as a member of Attorneys' Title Insurance Fund, Inc. to issue a policy to insure the title to the property, (2) to induce Jonathan D. Perry Construction, LLC to purchase the property, and (3) to induce Peoples State Bank to make a loan on the property.

14. This affidavit is made and given by affiants with full knowledge of applicable Florida laws regarding sworn affidavits and the penalties and liabilities resulting from false statements and misrepresentations therein.

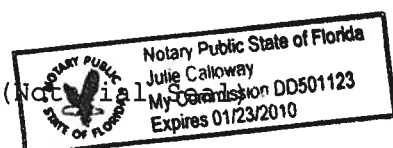


DONALD E. WILLIAMS, Affiant



SANDRA P. WILLIAMS, Affiant

Sworn to before me this 11th day of January, 2006.





Notary Public

My Commission Expires:



ELK

ROOFING PRODUCTS SPECIFICATIONS – TUSCALOOSA, AL



**PRESTIQUE®
HIGH DEFINITION®**



RAISED PROFILE®

**Prestique Plus *High Definition*
and Prestique Gallery Collection™**

Product size	13¼" x 39"	50-year limited warranty period:
Exposure	5"	5-7**years non-prorated coverage for shingles and application labor with prorated coverage for remainder of limited warranty period, plus an option for transferability*. 5-year limited wind warranty*. Wind Coverage: standard 80 mph, extended 110 mph***
Pieces/Bundle	16	
Bundles/Square	4/98.5 sq.ft.	
Squares/Pallet	11	

Raised Profile

Product size	13¼" x 38"	30-year limited warranty period:
Exposure	5"	5-7**years non-prorated coverage for shingles and application labor with prorated coverage for remainder of limited warranty period, plus an option for transferability*. 5-year limited wind warranty*. Wind Coverage: standard 70 mph.
Pieces/Bundle	22	
Bundles/Square	3/100 sq.ft.	
Squares/Pallet	16	

Prestique I *High Definition*

Product size	13¼" x 39"	40-year limited warranty period:
Exposure	5"	5-7**years non-prorated coverage for shingles and application labor with prorated coverage for remainder of limited warranty period, plus an option for transferability*. 5-year limited wind warranty*. Wind Coverage: standard 80 mph, extended 90 mph***
Pieces/Bundle	16	
Bundles/Square	4/98.5 sq.ft.	
Squares/Pallet	14	

HIP AND RIDGE SHINGLES

Seal-A-Ridge® w/FLX™ Size: 12" x 12" Exposure: 6" Pieces/Bundle: 45 Coverage: 4 Bundles = 100 linear feet	Vented RidgeCrest™ w/FLX™ Size: 13" x 13" Exposure: 9" Pieces/Box: 26 Coverage: 5 boxes = 100 linear feet
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Prestique *High Definition*

Product size	13¼" x 38"	30-year limited warranty period:
Exposure	5"	5-7**years non-prorated coverage for shingles and application labor with prorated coverage for remainder of limited warranty period, plus an option for transferability*. 5-year limited wind warranty*. Wind Coverage: standard 80 mph.
Pieces/Bundle	22	
Bundles/Square	3/100 sq.ft.	
Squares/Pallet	16	

Elk Starter Strip 52 Bundles/Pallet 18 Pallets/Truck 936 Bundles/Truck 19 Pieces/Bundle 1 Bundle = 120.33 linear feet

Available Colors (Check Availability): Antique Slate, Weatheredwood, Shakerwood, Sablewood, Hickory, Barkwood, Forest Green, Wedgewood, Birchwood, Sandalwood.
Gallery Collection: Balsam Forest™, Weathered Sage™, Sienna Sunset™.

All Prestique, Raised Profile and Seal-A-Ridge, and Prestique Starter Strip roofing products contain sealant which activates with the sun's heat, bonding shingles into a wind and weather resistant cover that resists blow-offs and leaks.

Check for availability with built-in StainGuard™ treatment to inhibit the discoloration of roofing granules caused by the growth of certain types of algae.

All Prestique and Raised Profile shingles meet UL- Wind Resistant (UL 997) and Class "A" Fire Ratings (UL 790); and ASTM Specifications D 3018, Type-I; D 3161, Type-I; E 108 and the requirements of ASTM D 3462.

All Prestique and Raised Profile shingles have approval from the Florida Building Code Commission, Metro-Dade County, ICBO, and Texas Department of Insurance.

*See actual limited warranty for conditions and limitations.

** Effective January 1, 2004, the seven year non-prorated Umbrella Coverage Period applies only when a full Elk Roof System is installed with the original installation of the Elk shingles, all in accordance with Elk's application instructions for such products. A full Elk roof system includes Elk Hip and Ridge shingles on all hips and ridges, Elk Starter Strip along all rake and eave edges, an Elk ventilation system, and Elk All-Climate Self-Adhering Underlayment in all valleys. Additionally, Elk All-Climate Self-Adhering Underlayment is required along the rake and eave edges of the roof in and north of the states of VA, KY, MO, KS, CO, UT, NV, & OR.

***For a limited Wind Warranty up to 110 mph for Prestique Gallery Collection, Prestique Plus, or 90 mph for Prestique I or Grandé, at least six (6) properly placed NAILS and Elk Starter Strip shingles are required. See application instructions printed on the shingle wrapper for additional requirements.

SPECIFICATIONS

SCOPE: Work includes furnishing all labor, materials and equipment necessary to complete installation of (name) shingles specified herein. Color shall be (name of color). Hip and ridge type to be Elk Seal-A-Ridge with formula FLX.

All exposed metal surfaces (flashing, vents, etc.) to be painted with matching Elk roof accessory paint.

PREPARATION OF ROOF DECK: Roof deck to be dry, well-seasoned 1" x 6" (25.4mm x 152.4mm) boards; exterior-grade plywood (exposure 1 rated sheathing) at least 3/8" (9.525mm) thick conforming to the specifications of the American Plywood Association; 7/16" (11.074mm) oriented strandboard; or chipboard. Most fire retardant plywood decks are NOT approved substrates for Elk shingles. Consult Elk Field Service for application specifications over other decks and other slopes.

Materials: Underlayment for standard roof slopes, 4" per foot (101.6/304.8mm) or greater: apply non-perforated No. 15 or 30 asphalt-saturated felt underlayment. For Low slopes[4" per foot (101.6/304.8mm) to a minimum of 2" per foot (50.8/304.8mm)], use two plies of underlayment overlapped a minimum of 19". Fasteners shall be of sufficient length and holding power for securing material as required by the application instructions printed on shingle wrapper.

For areas where algae is a problem, shingles shall be (name) with StainGuard treatment, as manufactured by the Elk Tuscaloosa plant. Hip and ridge type to be Seal-A-Ridge with formula FLX with StainGuard treatment.

Complete application instructions are published by Elk and printed on the back of every shingle bundle. All warranties are contingent upon the correct installation as shown on the instructions. These instructions are the minimum required to meet Elk application requirements. In some areas, building codes may require additional application techniques or methods beyond our instructions. In these cases, the local code must be followed. Under no circumstances will Elk accept application requirements less than those contained in its application instructions.

For specifications in CSI format, call 800.354.SPEC (7732) or e-mail specinfo@elkcorp.com.

**SOUTHEAST &
ATLANTIC OFFICE:**
800.945.5551

CORPORATE HEADQUARTERS:
800.354.7732

PLANT LOCATION:
800.945.5545



Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0601-65 Date Received 1-25-06 By GT Permit # 966/24124
 Application Approved by - Zoning Official BLK Date 26.01.06 Plans Examiner OK JTH Date 2-7-05
 Flood Zone X Per Plat Development Permit N/A Zoning RSF-2 Land Use Plan Map Category RES. Low Dev.
 Comments 1st Floor Elevation letter attached

Public Water System

Applicants Name Jonathan D. Perry Phone (386) 719-7192
 Address 373 NW Old Mill Dr. Lake City, FL 32055
 Owners Name Jonathan D. Perry Lakecity Phone (386) 623-2608
 911 Address 133 SW Lancelot Gln. Lakecity, FL, 32025
 Contractors Name Jonathan D. Perry Const LLC Phone (386) 623-2608
 Address 373 NW Old Mill Dr.
 Fee Simple Owner Name & Address Jonathan D. Perry
 Bonding Co. Name & Address N/A
 Architect/Engineer Name & Address Mark Dwyer / Tim Delbene
 Mortgage Lenders Name & Address Peoples State Bank
 Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
 Property ID Number 23-45-16-03099214 Estimated Cost of Construction \$100,000.00
 Subdivision Name Storehouse Lot 14 Block Unit Phase II
 Driving Directions Sisters welcome to Storehouse Ln turn Right to Guinevere turn Right to Lancelot turn Right Second Lot on Left

Type of Construction Single family / New Number of Existing Dwellings on Property 0
 Total Acreage .51 Lot Size .5166 Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive
 Actual Distance of Structure from Property Lines - Front 60' Side 39' Side 26.5' Rear 55'
 Total Building Height 17.8' Number of Stories 1 Heated Floor Area 1934 Roof Pitch 6/12
Porch 86 Garage 546 PAISO 311 TOTAL 2877

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

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

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

Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
 COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
 this 25th day of Jan. 2006

Personally known or Produced Identification



Contractor Signature [Signature]
 Contractor License Number CBC058042
 Notary Public Seal

Notary Signature [Signature]

Call me 7701

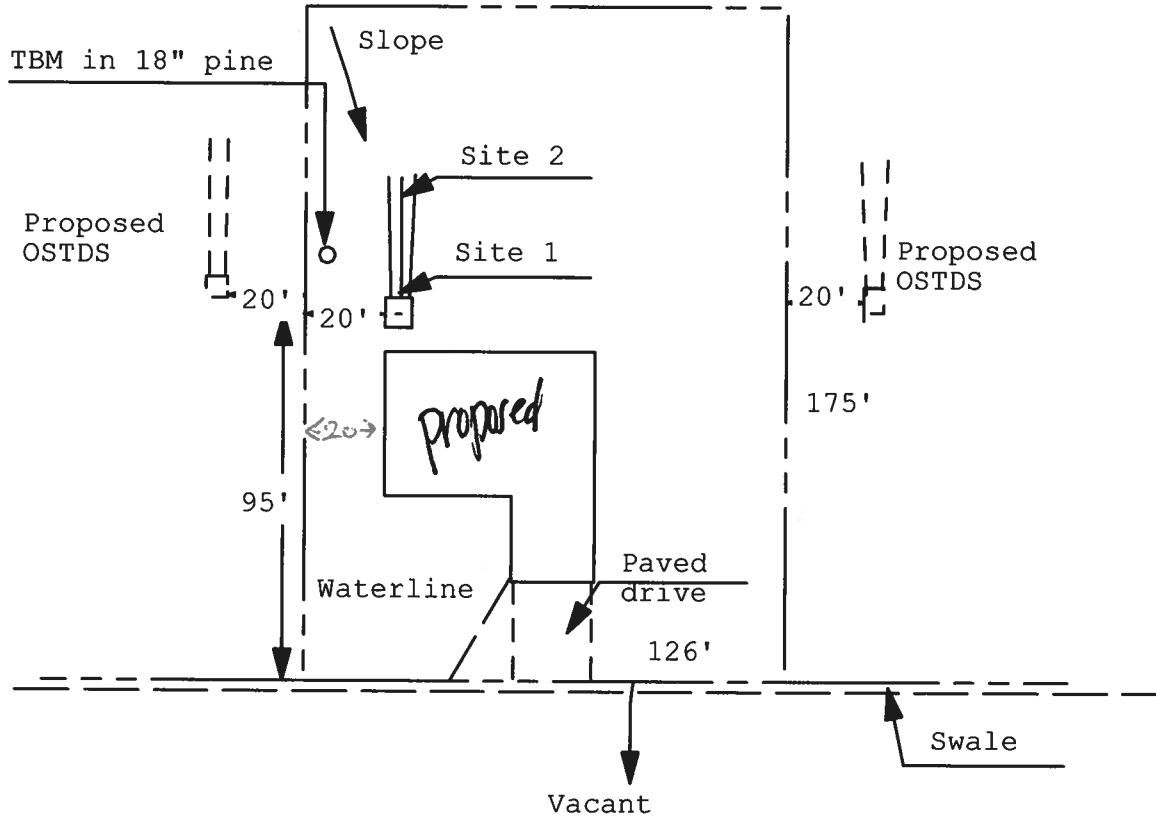
**Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan**
Permit Application Number: 06-0055N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

PERRY/CR 05-3076

Stonehenge Ph. 2, Lot 14

Vacant



1 inch = 50 feet

Site Plan Submitted By Paul Lloyd Date 9/12/25
Plan Approved X Not Approved Date

By Sallie Gaddy, EST. COLUMBIA CPHU

Notes:

FLOOR ELEVATIONS

PROPERTY DESCRIPTION: Stonehenge Subdivision, Phase 2

OWNER: Donald E. Williams

PROJECT REQUIREMENTS: Finish floor elevations for Stonehenge Subdivision, Phase 2.

On all lots, except those listed below, the minimum finish floor elevation of all proposed habitable buildings shall be a minimum of 12 inches above the highest adjacent existing ground elevation at the proposed building.

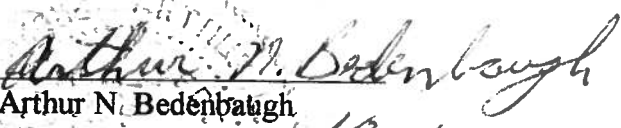
Lots 1, 2, 3, 4, & 5: The minimum finish floor elevation of all proposed habitable buildings shall be the higher of 12 inches above the highest adjacent existing ground elevation at the proposed building or 12 inches above the highest adjacent roadway.

Lots 17, 18, 19, 20, & 21: The minimum finish floor elevation of all proposed habitable buildings shall be the higher of 12 inches above the highest adjacent existing ground elevation at the proposed building or 18 inches above the east end of pavement adjacent to the retention pond.

All lots and driveways shall be graded to direct all runoff around and away from all points on exterior of the proposed building without changing direction, final destination, or quantity of runoff leaving the site. Lots shall not be filled, except for building pads, next to retention ponds.

The above elevations were obtained by using highly variable factors determined by a study of the watershed and by accepted water management district rainfall data and practices. Many judgements and assumptions are required to establish these factors. The resultant data is sensitive to changes, particularly of antecedent conditions, fill, urbanization, channelization, and land use.

The elevations are based on the 100-year flood, which is the flood having a 1% chance of being exceeded in any year.

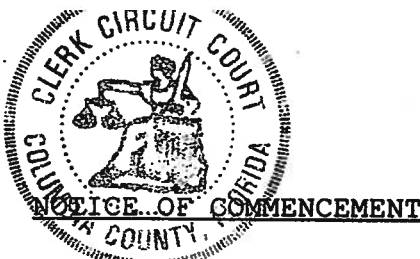

Arthur N. Bedenbaugh
Fla. P.E. # 9162
637 SW Hillcrest St.
Lake City, Florida 32025
(386) 752-5846
10-6-05

637 SW Hillcrest St * Lake City, Florida 32025
Phone (386) 752-5846

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

By [Signature]
Deputy Clerk

Date 1/12/06



The undersigned hereby gives notice that improvements will be made to certain real property, and in accordance with Sec. 713, Fla. Stat., the following information is provided in this NOTICE OF COMMENCEMENT.

DESCRIPTION OF PROPERTY: Lot 14, Stonehenge Phase 2, a subdivision according to the plat thereof recorded in Plat Book 8, pages 29-30, public records of Columbia County, Florida.

DESCRIPTION OF IMPROVEMENTS: Residence

OWNER AND ADDRESS: Jonathan D. Perry Construction, LLC
373 NW Old Mill Road
Lake City, Florida 32055

OWNERS' INTEREST IN PROPERTY: Fee Simple

FEE SIMPLE TITLE HOLDER: Owners

CONTRACTOR AND ADDRESS:

Jonathan D. Perry Construction, LLC
373 NW Old Mill Road
Lake City, Florida 32055

SURETY AND ADDRESS

NONE

AMOUNT OF BOND: N/A

LENDER: Peoples State Bank
350 Main Boulevard
Lake City, Florida 32055

Name and address of person 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: Jonathan D. Perry.

In addition to himself, Owners designate THE LENDER to receive a copy of the Lienor's Notice as provided in Sec. 713.13(1)(b), Fla. Stat.

This Instrument Prepared By:
EDDIE M. ANDERSON, P.A.
P. O. Box 1179
Lake City, Florida 32056-1179

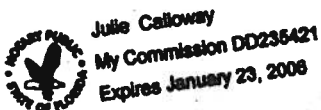
JONATHAN D. PERRY CONSTRUCTION, LLC

[Signature]
JONATHAN D. PERRY, Managing Member

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 12 day of January, 2006, by JONATHAN D. PERRY, Managing Member of Jonathan D. Perry Construction, LLC. He is personally known to me or he produced FDL as identification.

(NOTARY SEAL)



[Signature]
Notary Public
My Commission Expires:

Inst: 2006000804 Date: 01/12/2006 Time: 15:50
DC, P. Dewitt Cason, Columbia County B: 1070 P: 2711

Columbia County Building Department Culvert Permit

Culvert Permit No.
000000966

DATE 02/09/2006 PARCEL ID # 23-4S-16-03099-214
APPLICANT JONATHAN PERRY PHONE 719-7192
ADDRESS 373 NW OLD MILL DRIVE LAKE CITY FL 32055
OWNER JONATHAN PERRY PHONE 719-7192
ADDRESS 133 SW LANCELOT GLEN LAKE CITY FL 32025
CONTRACTOR JONATHAN PERRY PHONE 719-7192
LOCATION OF PROPERTY SISTERS WELCOME RD, TR STONEHENGE LANE, TR ON GUENEVENE,
TR ON LANCELOT, 2ND LOT ON LEFT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT STONEHENGE 14 2

SIGNATURE

INSTALLATION REQUIREMENTS

☒ X

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



FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Whole Building Performance Method A

Project Name:	Stonehenge Lot 14	Builder:	J. Perry
Address:	Lot: 14, Sub: Stonehenge Ph2, Plat:	Permitting Office:	Columbia Co
City, State:	Lake City, FL 32055-	Permit Number:	24124
Owner:	J. Perry	Jurisdiction Number:	221000
Climate Zone:	North		

- | | | |
|--|--------------------------------|-----------------------|
| 1. New construction or existing | New | ___ |
| 2. Single family or multi-family | Single family | ___ |
| 3. Number of units, if multi-family | 1 | ___ |
| 4. Number of Bedrooms | 3 | ___ |
| 5. Is this a worst case? | No | ___ |
| 6. Conditioned floor area (ft ²) | 1934 ft ² | ___ |
| 7. Glass area & type | Single Pane | Double Pane |
| a. Clear glass, default U-factor | 0.0 ft ² | 249.0 ft ² |
| b. Default tint | 0.0 ft ² | 0.0 ft ² |
| c. Labeled U or SHGC | 0.0 ft ² | 0.0 ft ² |
| 8. Floor types | | ___ |
| a. Slab-On-Grade Edge Insulation | R=0.0, 228.0(p) ft | ___ |
| b. N/A | | ___ |
| c. N/A | | ___ |
| 9. Wall types | | ___ |
| a. Frame, Wood, Exterior | R=11.0, 1491.0 ft ² | ___ |
| b. N/A | | ___ |
| c. N/A | | ___ |
| d. N/A | | ___ |
| e. N/A | | ___ |
| 10. Ceiling types | | ___ |
| a. Under Attic | R=30.0, 1934.0 ft ² | ___ |
| b. N/A | | ___ |
| c. N/A | | ___ |
| 11. Ducts | | ___ |
| a. Sup: Unc. Ret: Unc. AH: Garage | Sup. R=6.0, 50.0 ft | ___ |
| b. N/A | | ___ |
| 12. Cooling systems | | ___ |
| a. Central Unit | Cap: 35.0 kBtu/hr | ___ |
| | SEER: 10.00 | ___ |
| b. N/A | | ___ |
| c. N/A | | ___ |
| 13. Heating systems | | ___ |
| a. Electric Heat Pump | Cap: 35.0 kBtu/hr | ___ |
| | HSPF: 7.90 | ___ |
| b. N/A | | ___ |
| c. N/A | | ___ |
| 14. Hot water systems | | ___ |
| a. Electric Resistance | Cap: 30.0 gallons | ___ |
| | EF: 0.90 | ___ |
| b. N/A | | ___ |
| c. Conservation credits | | ___ |
| (HR-Heat recovery, Solar | | ___ |
| DHP-Dedicated heat pump) | | ___ |
| 15. HVAC credits | PT, CF, ___ | ___ |
| (CF-Ceiling fan, CV-Cross ventilation, | | ___ |
| HF-Whole house fan, | | ___ |
| PT-Programmable Thermostat, | | ___ |
| MZ-C-Multizone cooling, | | ___ |
| MZ-H-Multizone heating) | | ___ |

Glass/Floor Area: 0.13

Total as-built points: 26120

Total base points: 28659

PASS

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

PREPARED BY: Tim Delbene
DATE: 9/20/05

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

OWNER/AGENT: _____
DATE: _____

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



BUILDING OFFICIAL: _____
DATE: _____

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 14, Sub: Stonehenge Ph2, Plat: , Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X SPM X SOF = Points				
.18	1934.0	20.04	6976.3	Double, Clear	S	2.0	7.0	45.0	35.87	0.82	1323.7
				Double, Clear	S	2.0	8.0	72.0	35.87	0.86	2211.0
				Double, Clear	S	2.0	7.0	36.0	35.87	0.82	1059.0
				Double, Clear	W	2.0	6.0	12.0	38.52	0.85	392.7
				Double, Clear	N	2.0	7.0	36.0	19.20	0.92	637.4
				Double, Clear	N	8.0	7.0	36.0	19.20	0.69	475.8
				Double, Clear	E	2.0	5.0	12.0	42.06	0.80	402.2
				As-Built Total:		249.0				6501.9	
WALL TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	11.0		1491.0	1.70	2534.7		
Exterior	1491.0	1.70	2534.7								
Base Total:				As-Built Total:		1491.0				2534.7	
DOOR TYPES Area X BSPM = Points				Type	Area X SPM = Points						
Adjacent	21.0	2.40	50.4	Exterior Insulated				21.0	4.10	86.1	
Exterior	63.0	6.10	384.3	Exterior Insulated				21.0	4.10	86.1	
				Exterior Insulated				21.0	4.10	86.1	
				Adjacent Insulated				21.0	1.60	33.6	
Base Total:				As-Built Total:		84.0			291.9		
CEILING TYPES Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points				
Under Attic	1934.0	1.73	3345.8	Under Attic	30.0		1934.0	1.73 X 1.00	3345.8		
Base Total:				As-Built Total:		1934.0			3345.8		
FLOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Slab	228.0(p)	-37.0	-8436.0	Slab-On-Grade Edge Insulation	0.0		228.0(p)	-41.20	-9393.6		
Raised	0.0	0.00	0.0								
Base Total:				As-Built Total:		228.0			-9393.6		
INFILTRATION Area X BSPM = Points				Area X SPM = Points							
	1934.0	10.21	19746.1	1934.0 10.21 19746.1							

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

ADDRESS: Lot: 14, Sub: Stonehenge Ph2, Plat: , Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT											
Summer Base Points:		24601.7		Summer As-Built Points:			23026.8								
Total Summer Points	X	System Multiplier	=	Cooling Points	Total Component	X	Cap Ratio	X	Duct Multiplier	X	System Multiplier	X	Credit Multiplier	=	Cooling Points
					(DM x DSM x AHU)										
24601.7		0.4266		10495.1	23026.8		1.000		(1.090 x 1.147 x 1.00)		0.341		0.902		8867.6
					23026.8		1.00		1.250		0.341		0.902		8867.6

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 14, Sub: Stonehenge Ph2, Plat: , Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X WPM X WOF = Points				
.18	1934.0	12.74	4435.0	Double, Clear	S	2.0	7.0	45.0	13.30	1.17	700.7
				Double, Clear	S	2.0	8.0	72.0	13.30	1.12	1070.0
				Double, Clear	S	2.0	7.0	36.0	13.30	1.17	560.5
				Double, Clear	W	2.0	6.0	12.0	20.73	1.04	259.4
				Double, Clear	N	2.0	7.0	36.0	24.58	1.00	887.7
				Double, Clear	N	8.0	7.0	36.0	24.58	1.02	902.5
				Double, Clear	E	2.0	5.0	12.0	18.79	1.08	244.3
				As-Built Total:		249.0			4625.2		
WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM		= Points		
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	11.0		1491.0	3.70	5516.7		
Exterior	1491.0	3.70	5516.7								
Base Total:		1491.0	5516.7	As-Built Total:		1491.0			5516.7		
DOOR TYPES Area X BWPM = Points				Type			Area X WPM		= Points		
Adjacent	21.0	11.50	241.5	Exterior Insulated			21.0	8.40	176.4		
Exterior	63.0	12.30	774.9	Exterior Insulated			21.0	8.40	176.4		
				Exterior Insulated			21.0	8.40	176.4		
				Adjacent Insulated			21.0	8.00	168.0		
Base Total:		84.0	1016.4	As-Built Total:		84.0			697.2		
CEILING TYPES Area X BWPM = Points				Type	R-Value		Area X WPM X WCM		= Points		
Under Attic	1934.0	2.05	3964.7	Under Attic	30.0		1934.0	2.05 X 1.00	3964.7		
Base Total:		1934.0	3964.7	As-Built Total:		1934.0			3964.7		
FLOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM		= Points		
Slab	228.0(p)	8.9	2029.2	Slab-On-Grade Edge Insulation	0.0		228.0(p)	18.80	4286.4		
Raised	0.0	0.00	0.0								
Base Total:		2029.2		As-Built Total:		228.0			4286.4		
INFILTRATION Area X BWPM = Points						Area X WPM		= Points			
1934.0		-0.59	-1141.1			1934.0		-0.59	-1141.1		

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 14, Sub: Stonehenge Ph2, Plat: , Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT						
Winter Base Points:		15821.0		Winter As-Built Points:					17949.1	
Total Winter Points	X	System Multiplier	= Heating Points	Total Component	X	Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
15821.0		0.6274	9926.1	17949.1 17949.1		1.000 1.00	(1.069 x 1.169 x 1.00) 1.250	0.432 0.432	0.950 0.950	9197.8 9197.8

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 14, Sub: Stonehenge Ph2, Plat: , Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT					
WATER HEATING									
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X Tank Ratio	Multiplier X Credit	= Total Multiplier
3		2746.00	8238.0	30.0	0.90	3	1.00	2684.98	8054.9
				As-Built Total:					8054.9

CODE COMPLIANCE STATUS											
BASE						AS-BUILT					
Cooling Points	+	Heating Points	+	Hot Water Points	= Total Points	Cooling Points	+	Heating Points	+	Hot Water Points	= Total Points
10495		9926		8238	28659	8868		9198		8055	26120

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 14, Sub: Stonehenge Ph2, Plat: , Lake City, FL, 32055-

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

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

0601-65

Reference to: Build permit application Number:

Jonathan Perry Construction Owner Jonathan Perry Lot 14 Phase 2 Stonehenge

Subdivision.

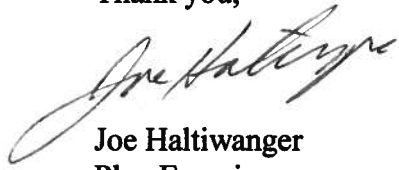
On the date of January 26, 2006 application 0601-65 and plans for construction of a single family dwelling were reviewed and the following information or alteration to the plans will be required to continue processing this application. If you should have any question please contact the above address, or contact phone number (386) 758-1163 or fax any information to (386) 754-7088.

Please include application number 0601-65 when making

reference to this application.

1. Application 0601-65 which was filed with the building department on the date of January 25, 2006 and will be reviewed under the Florida Building Code 2004. The Wind Load design by Mr. Mark Disosway was design under the Florida Building Code 2001. The wind Load design should reflect the code sections of the Florida Building Code 2004 that relate to wind Load design code requirements.

Thank you,

A handwritten signature in black ink, appearing to read "Joe Haltiwanger". The signature is fluid and cursive, with a large initial "J" and a long, sweeping underline.

Joe Haltiwanger

Plan Examiner

Columbia County Building Department

Mark Disosway, P.E.

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

October 5, 2005

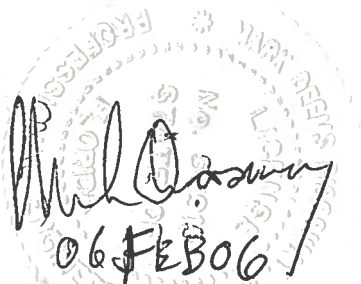
Building Department

Re: Permit # , Perry Jonathan , Spec House Lot 14, Lot 14 Stonehenge Columbia County, FL

Dear Building Official:

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

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



Mark Disosway, PE
Florida Registered Professional Engineer

Cc Builder
Perry Jonathan

- NO PERMIT -
- ISSUED. yet.

20'2 1/4" →

USE H2.5 A FOR ALL TRUSS
TO WALL CONNECTIONS
UNLESS OTHERWISE
NOTED

#2 centered under 2x4 syp

212x4 syp #2
centered under trans

it

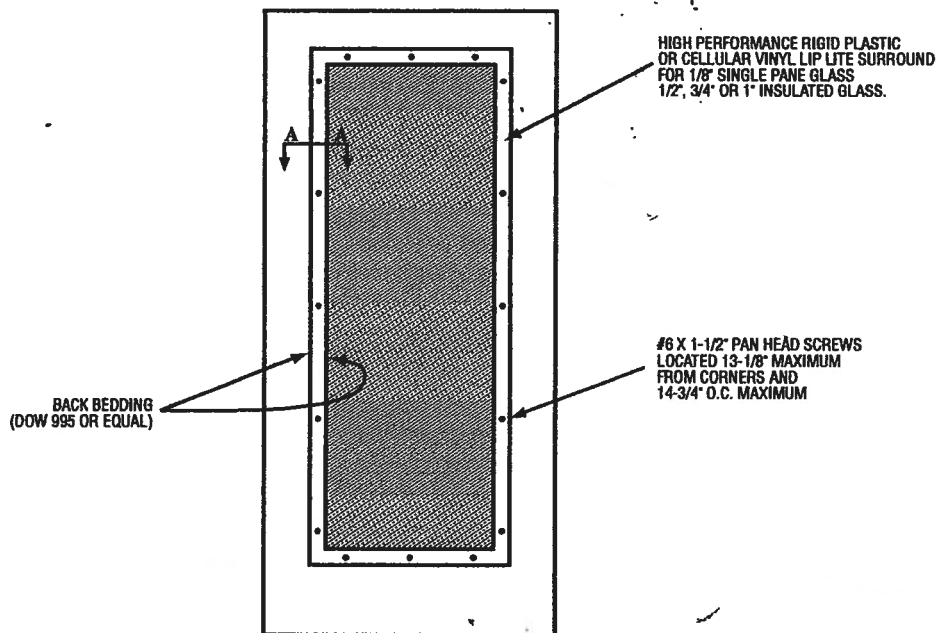
80
GARAGE → 77616 up1ft
DOOR HEADER

121 SVP
#2 2x4
centered under
truss

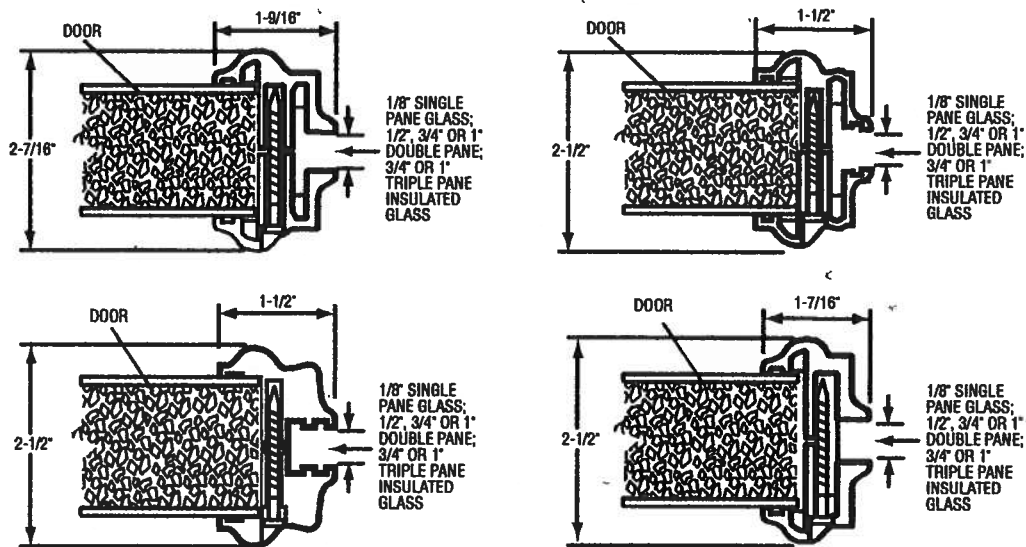
JONATHAN PERRY
LOT 14 STONEHENGE PHASE II

Roof Plane Sheathing Area = 3623 sq. ft
Gable Sheathing Area = 130 sq. ft
Total Sheathing Area = 3754 sq. ft
Fascia Material = 272 linear ft
Valley Flashing Material = 81 linear ft
Ridge Cap Material = 135 linear ft
Hip Ridge Material = 96 linear ft

GLASS INSERT IN DOOR OR SIDELITE PANEL



SECTION A-A TYPICAL RIGID PLASTIC LIP LITE SURROUND



*Glass inserts to be sub-listed by Intertek Testing Services/ETL Semko or approved validation service.

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

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

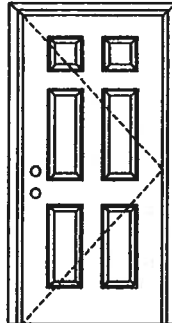
PREMDOR Collection
Premium Quality Doors

Exclusively from
Masonite
Masonite International Corporation

X

Opaque Inswing Unit

COP-WL-JH4101-02

WOOD-EDGE STEEL DOORS**APPROVED ARRANGEMENT:**

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



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

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

Design Pressure
+66.0/-66.0

limited water unless special threshold design is used.

Large Missile Impact Resistance

Hurricane protective system (shutters) is NOT REQUIRED.

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

MINIMUM ASSEMBLY DETAIL:

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

MINIMUM INSTALLATION DETAIL:

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

APPROVED DOOR STYLES:

Flush



Arch Top 3-panel



3-panel



6-panel



New England 4-panel



Eyebrow 4-panel



8-panel



9-panel



15-panel



5-panel



5-panel with scroll



Eyebrow 5-panel



Eyebrow 5-panel with scroll

Johnson™
EntrySystems

June 17, 2002

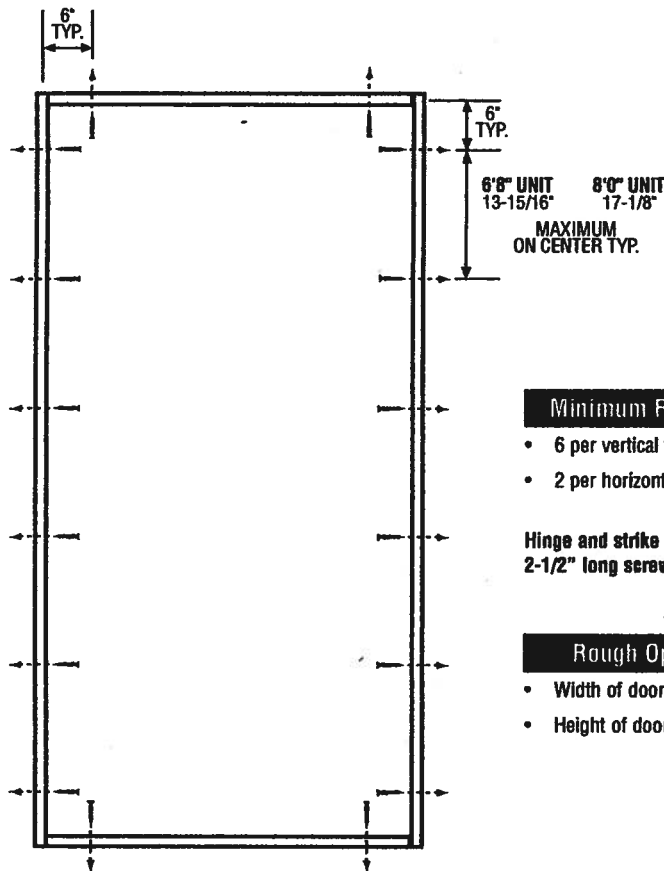
Our continuing program of product improvement makes specifications, design and product detail subject to change without notice.



Exclusively from

Masonite®
Masonite International Corporation

SINGLE DOOR



Minimum Fastener Count

- 6 per vertical framing member
- 2 per horizontal framing member

Hinge and strike plates require two 2-1/2" long screws per location.

Rough Opening (RO)

- Width of door unit plus 1/2"
- Height of door unit plus 1/4"

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

Latching Hardware:

- Compliance requires that GRADE 3 or better (ANSI/BHMA A156.2) cylindrical and deadlock hardware be installed.
- **UNITS COVERED BY COP DOCUMENT 3146, 3166, 3241*, 3246, 3261* or 3266**
Compliance requires that 8" GRADE 1 (ANSI/BHMA A156.16) surface bolts be installed on latch side of active door panel - (1) at top and (1) at bottom.

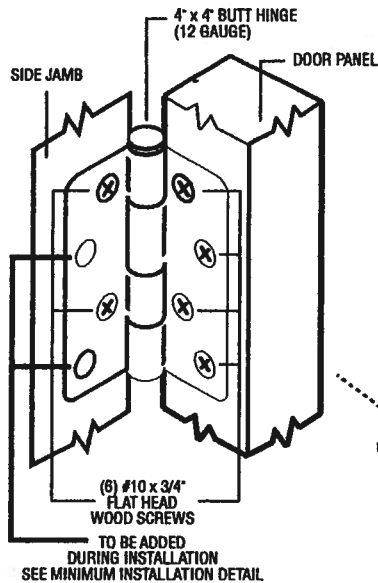
*Based on required Design Pressure - see COP sheet for details.

Notes:

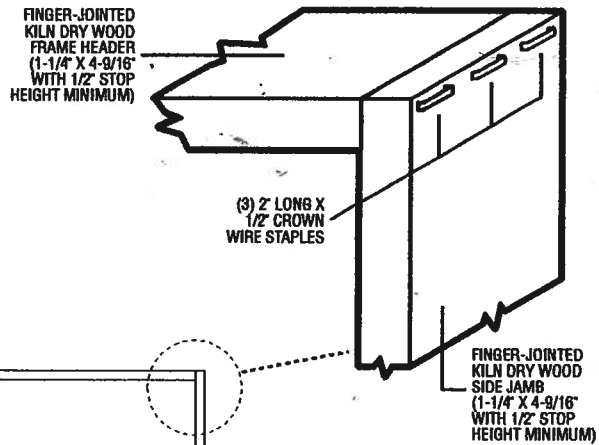
1. Anchor calculations have been carried out with the lowest (least) fastener rating from the different fasteners being considered for use. Fasteners analyzed for this unit include #8 and #10 wood screws or 3/16" Tapcons.
2. The wood screw single shear design values come from Table 11.3A of ANSI/AF & PA NDS for southern pine lumber with a side member thickness of 1-1/4" and achievement of minimum embedment. The 3/16" Tapcon single shear design values come from the ITW and ELCO Dade Country approvals respectively, each with minimum 1-1/4" embedment.
3. Wood bucks by others, must be anchored properly to transfer loads to the structure.

INSWING UNIT WITH SINGLE DOOR

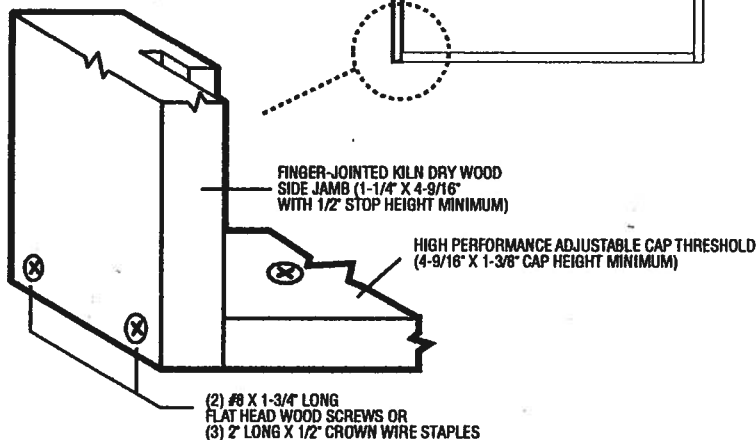
TYPICAL HINGE ATTACHMENT



TYPICAL HEADER & SIDE JAMB ATTACHMENT



TYPICAL THRESHOLD & SIDE JAMB ATTACHMENT



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

X

Opaque Inswing Unit

COP-WL-JH4101-02

WOOD-EDGE STEEL DOORS

CERTIFIED TEST REPORTS:

NCTL 210-2185-1, 2, 3

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

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

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel. Interior cavity of slab filled with rigid polyurethane foam core.

Frame constructed of wood with an extruded aluminum threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN ACCORDANCE WITH
MIAMI-DADE BCCO
PA201, PA202 & PA203

COMPANY NAME
CITY, STATE

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



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



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

2

Johnson™
EntrySystems

June 17, 2002

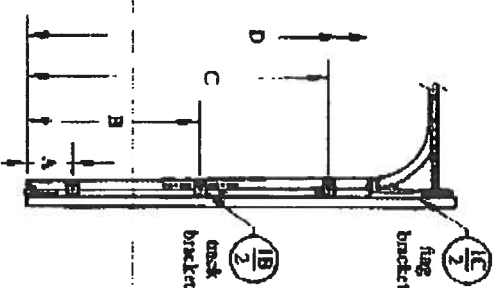
Our continuing program of product improvement makes specifications, design and product detail subject to change without notice.



Exclusively from
Masonite®

Masonite International Corporation

Door Model	Gauge	Section
2250/2251	24	0085
4250/4251	24	0065
2240/2241	24	0025
4240/4241	24	0025
5240/5241	24	0025

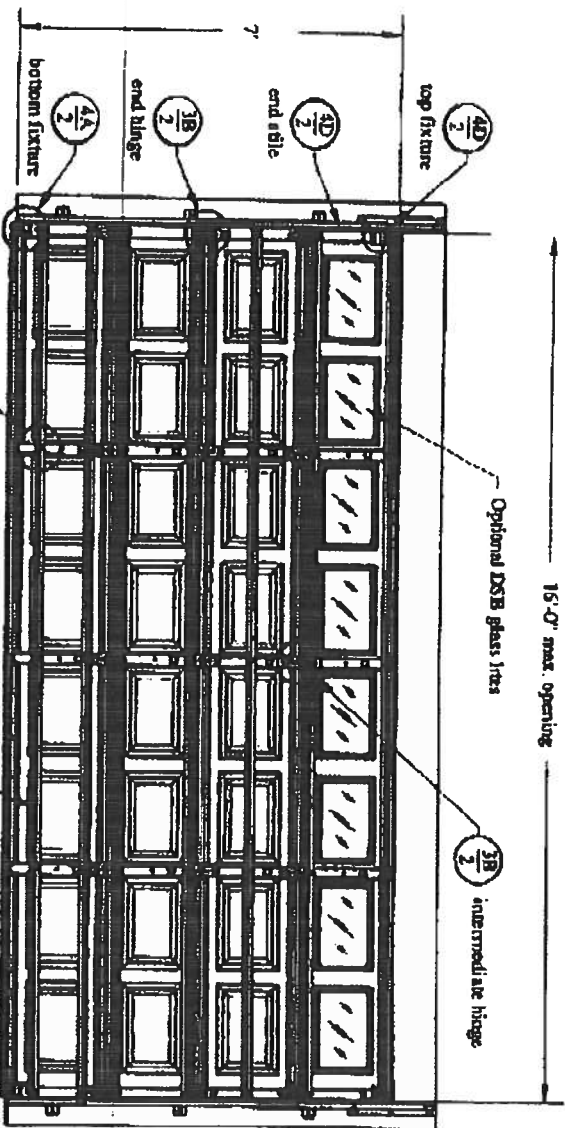


door height	units	quantity	app. lbs. per
6'-6" to 7'-0"	4	7	3
7'-6" to 8'-0"	5	8	4
8'-6" to 9'-0"	6	9	5
9'-0" to 10'-0"	7	10	6
10'-0" to 11'-0"	8	11	7
11'-0" to 12'-0"	9	12	8
12'-0" to 13'-0"	10	13	9
13'-0" to 14'-0"	11	14	10
14'-0" to 15'-0"	12	15	11

Refer to Supplemental Instructions for door placement on doors over 7'-6" high

Track Bracket		door height								
Clear		6'-6"	6'-9"	7'-0"	7'-6"	7'-9"	8'-0"	8'-3"	8'-6"	8'-9"
D	10"	10 1/2"	10 3/4"	11"	11 1/2"	11 3/4"	12"	12 1/2"	12 3/4"	13"
C	60"	63"	66"	68"	71"	73"	75"	78"	81"	84"
B	35"	35"	38"	38"	41"	41"	44"	44"	47"	47"
A	10"	7"	10"	10"	7"	10"	4"	7"	10"	10"

Track bracket locations shown above are for doors up to three sections high. Additional door sections may be added for a maximum door height of 14'-0". One track bracket (per track) must be added for each section and spaced as a distance not greater than the corresponding section height.



This door has been tested in accordance with ANSI/DASMA 118-2002
Design Pressure (DP): 18.5 psf / 20.7 in.
Test Pressure (TP): 27.5 psf / 31.1 in.
Per 2004 FBC, Table 1609.5E, DP must not exceed basic wind speed of:
V = 110 MPH for Exposure B and ocean roof heights of 30' or less
V = 93 MPH for Exposure C and ocean roof heights of 30' or less
Maximum door size: 16'-0" wide by 14'-0" tall
Glazing and door frame can be tested for waterborne debris.
Wood back and supporting structural elements shall be designed by a
registered professional engineer for wind loads shown on this drawing.
If door is not electrically operated, a lock must be installed.

Professional Engineer's seal provided
only for verification of windload
construction details.

John E. Seater, P.E.
1411 LeMay Street #205
Carrington, Texas 75007
Florida P.E. #51757

Details on some views may have been omitted for clarity.

12 gauge (.086) galvanized steel flag bracket fastened to wood jamb with three 5/16" x 1-5/8" wood lag screws.

Flag bracket attached to horizontal track with two 1/4" x 5/8" track bolts and nuts.

Flag bracket attached to vertical track with two 1/4" x 5/8" track bolts and nuts.

12 gauge (.095) galvanized steel track bracket fastened to wood jamb with one 5/16" x 1-5/8" wood lag screw per bracket.

Each track bracket attached with one 1/4" x 5/8" track bolt and nut. Or two 1/4" x 1/32" rivets.

Design Load: 18.5 pos / 20.7 neg
Test Load: 27.8 pos / 31.1 neg
page 2 of 2

John E. Seates, P.E.
1411 LeMay Street #205
Carrollton, Texas 75007
Florida P.E. # 51737

Model 2250/51 (16'-0" wide)
C.H.I. Drawing: Z3-1607-01100

The 2x6 vertical wood jambs are to be grade 2 or better southern pine. Fasteners may be countersunk to provide a flush mounting surface.

14 gauge (.070) galvanized steel top fixture. Each fixture attached with four 1/4" x 3/4" screws.
push nut
20 gauge (.036) end stile manufactured by C.H.I.
Screw, if applicable, not shown for clarity.

12 gauge (.095) galvanized steel track bracket fastened to wood jamb with one 5/16" x 1-5/8" wood lag screw per bracket.

20 gauge (.036) center stile manufactured by C.H.I.

2" steel roller

End Hinge 16 gauge (.058) galvanized steel end hinge fastened to section with four 1/4" x 3/4" screws.
push nut

Intermediate Hinge 18 gauge (.047) galvanized steel intermediate hinge fastened to section with four 1/4" x 3/4" screws.

2" steel track roller.

3-1/2" (min.) stem

20 gauge (.034) 33 ksi galvanized steel 3" strut attached with two 1/4" x 3/4" screws per stile or hinge plate.

12 gauge (.102) galvanized steel bottom bracket manufactured by C.H.I. Each bracket attached with four red 1/4" x 3/4" screws.
push nut
Aluminum extrusion
Vinyl weatherstrip

Professional Engineer's seal provided only for verification of windload construction details

** LAMAR BOOZER **
 900 EAST PUTNAM STREET
 LAKE CITY, FL 32055

PROJECT:
 CLIENT:
 DATE:

CUSTOM
 J PERRY
 9 19 03

RESIDENTIAL/LIGHT COMMERCIAL HVAC LOADS

DESIGNER:

LAMAR BOOZER

CLIENT INFORMATION:

NAME: J PERRY
 ADDRESS:
 CITY, STATE: LAKE CITY, FLORIDA

TOTAL BUILDING LOADS:

BLDG. LOAD DESCRIPTIONS	AREA QUAN	SEN. LOSS	LAT. + GAIN	SEN. = GAIN	TOTAL GAIN
3-C WINDOW DBL PANE CLR GLS METL FR	140	4,568	0	7,721	7,721
9-I FRENCH DOOR DBL CLR GLS METL FR	40	1,357	0	1,536	1,536
12-D WALL R-11 +1/2"ASPHLT BRD(R-1.3)	1,252	4,507	0	2,462	2,462
11-C DOOR METAL POLYSTYRENE CORE	60	1,269	0	693	693
16-G CEILING R-30 INSULATION	1,934	2,466	0	2,466	2,466
22-A SLAB ON GRADE NO EDGE INSUL	44	1,604	0	0	0
22-B SLAB ON GRADE 1" EDGE INS(R-5)	142	2,620	0	0	0
SUBTOTALS FOR STRUCTURE:		3,612	18,391	0	14,878
PEOPLE	9	0	0	2,700	2,700
APPLIANCES	0	0	1,800	1,500	3,300
DUCTWORK	0	919	0	1,908	1,908
INFILTRATION W.CFM: 0.0 S.CFM: 0.0	0	0	0	0	0
VENTILATION W.CFM: 0.0 S.CFM: 0.0	0	0	0	0	0
SENSIBLE GAIN TOTAL				20,986	
TEMP. SWING MULTIPLIER				X 1.00	
BUILDING LOAD TOTALS		19,310	1,800	20,986	22,786

SUPPLY CFM AT 20 DEG DT: 954 CFM PER SQUARE FOOT: 0.574
 SQUARE FT. OF ROOM AREA: 1,934 SQUARE FOOT PER TON: 874.748

TOTAL HEATING REQUIRED WITH OUTSIDE AIR: 19.310 MBH
 TOTAL COOLING REQUIRED WITH OUTSIDE AIR: 2.899 TONS

CALCULATIONS ARE BASED ON 7TH EDITION OF ACCA MANUAL J.
 ALL COMPUTED RESULTS ARE ESTIMATES AS BUILDING USE AND WEATHER MAY VARY.
 BE SURE TO SELECT A UNIT THAT MEETS BOTH SENSIBLE AND LATENT LOADS.

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

Rendered to:

MI HOME PRODUCTS, INC.

**SERIES/MODEL: 450/650/850
TYPE: H-C30 54 x 90; H-C40 52 x 72***

Title of Test	Summary of Results	
	Test Specimen #1	Test Specimen #2
AAMA Rating	H-C30 54 x 90	H-C40 52 x 72*
Uniform Load Deflection Test Pressure	35.0 psf	47.0 psf
Operating Force	20 lb max.	N/A
Air Infiltration	0.27 cfm/ft ²	N/A
Water Resistance Test Pressure	5.25 psf	6.0 psf
Uniform Structural Load Test Pressure	45.0 psf	70.5 psf
Deglazing	Passed	N/A
Forced Entry Resistance	Grade 10	N/A

Reference should be made to ATI Report No. 01-37589.02 for complete test specimen description and data.

Allen M. Rung
24 JUNE 2002



Architectural Testing

TEST REPORT

Rendered to:

MI HOME PRODUCTS, INC.
P.O. Box 370
650 West Market Street
Gratz, Pennsylvania 17030-0370

Report No: 01-37589.02
Test Date: 06/15/00
Thru: 06/29/00
Report Date: 06/06/02
Expiration Date: 06/29/04

Project Summary: Architectural Testing, Inc. (ATI) was contracted by MI Home Products, Inc. to witness performance testing on two Series/Model 450/650/850, aluminum single hung windows at their facility in Elizabethville, Pennsylvania. The samples tested successfully met the performance requirements for the following ratings: Test Specimen #1: H-C30 54 x 90; Test Specimen #2: H-C40 52 x 72*.

General Note: An asterisk (*) next to the performance grade indicates that the size tested for optional performance was smaller than the Gateway test size for the product type and class.

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

Test Specimen Description

Series/Model: 450/650/850

Type: Aluminum Single Hung Window

Test Specimen #1: Gateway Performance Specimen H-C30 54 x 90 rating

Overall Size: 4' 6-1/2" wide by 7' 6-1/2" high

Active Sash Size: 4' 4" wide by 3' 9-3/4" high

Fixed Daylight Opening Size: 4' 1-1/2" wide by 3' 6-1/2" high

Screen Size: 4' 2-1/4" wide by 3' 8-1/2" high

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

Allen M. Reuser
28 JUNE 2002



Test Specimen Description: (Continued)

Test Specimen #2: H-C40 52 x 72*

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

Active Sash Size: 4' 2" wide by 3' 0-1/2" high

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

Screen Size: 4' 0" wide by 2' 11" high

The following descriptions apply to all specimens.

Finish: All aluminum was painted.

Glazing Details: The lites utilized 5/8" thick sealed insulating glass units fabricated from two sheets of 3/32" clear annealed glass and an intercept™ spacer system. The sash was channel glazed with a flexible gasket. The fixed lite was interior glazed onto single-sided adhesive foam tape and secured with extruded PVC glazing beads.

Weatherstripping:

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
0.210" high by 0.270" backed polypile with center fin	1 Row	Fixed meeting rail
0.250" high by 0.187" backed polypile with center fin	2 Rows	Stiles
0.300" diameter by 0.187" backed foam filled vinyl bulb gasket	1 Row	Bottom rail
0.400" high by 1/2" square polypile dust plug	4	One on each sash corner

Frame Construction: Series/Model 450 frame was constructed of thermally broken extruded aluminum with coped, butted and sealed corners. The fixed meeting rail was constructed of an extruded aluminum member with coped, butted and sealed ends fastened with two #8 x 1/4" screws. Series/Model 650 frame was constructed of extruded aluminum. Series/Model 850 frame was constructed of thermally broken extruded aluminum members.

Sash Construction: The Series/Model 450 sash members were constructed of thermally broken extruded aluminum members with coped, butted and sealed corners fastened with one #8 x 1-1/4" screw. Series/Model 650 sash was constructed of extruded aluminum. Series/Model 850 sash was constructed of extruded aluminum.

Screen Construction: The screen was constructed of rolled-aluminum members with plastic keyed corners. The fiberglass mesh was secured with a flexible spline.

Allen M. Reamer
29 JUNE 2002



Test Specimen Description: (Continued)

Hardware:

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
Plastic snap latch	1	Midspan of bottom rail
Block and tackle balance system	2	One per jamb
Plastic tilt latch	2	One on each end of sash meeting rail
Metal pivot bar	2	One on each end of bottom rail

Drainage: Sloped sill

Reinforcement: No reinforcement.

Installation: The test unit was installed into the nominal 2" x 8" Spruce-Pine-Fir #2 wood test buck utilizing the nailing fin secured with 1" long galvanized roofing nails, 6" from each corner and every 18" on center. The nailing fin was also bedded in polyurethane. The exterior perimeter was blind stopped with wood members and secured with #8 x 3" screws every 24" on center.

Test Results:

The results are tabulated as follows:

<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allowed</u>
<u>Test Specimen #1:</u> Gateway Performance Specimen H-C30 54 x 90			
2.2.1.6.1	Operating Force	20 lbs	45 lbs max
	Air Infiltration (ASTM E 283) @ 1.57 psf (25 mph)	0.27 cfm/ft ²	0.30 cfm/ft ² max.
	Water Resistance (ASTM E 547) (with and without screen) WTP = 4.5 psf	No leakage	No leakage
2.1.4.1	Uniform Load Deflection (ASTM E 330-97) (Measurements reported were taken on the fixed meeting rail) (Loads were held for 33 seconds)		
	@ 35.0 psf (positive)	0.27"	0.30" max.
	@ 35.0 psf (negative)	0.73"	0.30" max.

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

* Exceeds L/175 for deflection but meets all other test requirements.

Allen M. Rimmer
29 JUNE 2007

Test Results:

<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allowed</u>
<u>Test Specimen #1:</u> Gateway Performance Specimen H-C30 54 x 90 (Continued)			
2.1.4.2	Uniform Load Structural (ASTM E 330-97) (Measurements reported were taken on the fixed meeting rail) (Loads were held for 10 seconds)		
	@ 45.0 psf (positive)	0.03"	0.21" max
	@ 45.0 psf (negative)	0.04"	0.21" max
2.2.1.6.2	Deglazing Test (ASTM E 987-88) In operating direction at 70 lbs		
	Meeting rail	0.06"/12%	0.50"/100%
	Bottom rail	0.06"/12%	0.50"/100%
	In remaining direction at 50 lbs		
	Left stile	0.06"/12%	0.50"/100%
	Right stile	0.06"/12%	0.50"/100%
2.1.8	Forced Entry Resistance (ASTM F 588-97)		
	Type: A		
	Grade: 10		
	Lock Manipulation Test	No entry	No entry
	Test A1 thru A5	No entry	No entry
	Test A7	No entry	No entry
	Lock Manipulation Test	No entry	No entry

Allen M. Rensen
72 JUL 18 2007

**Test Results:**

<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allowed</u>
<u>Test Specimen #1:</u> Gateway Performance Specimen H-C30 54 x 90 (Continued)			
<u>Optional Performance</u>			
4.3	Water Resistance (ASTM E 547) (with and without screen) WTP = 5.25 psf	No leakage	No leakage

Test Specimen #2: H-C40 52 x 72***Optional Performance**

4.3	Water Resistance (ASTM E 547 and ASTM E 331) (with and without screen) WTP = 6.0 psf	No leakage	No leakage
	Uniform Load Deflection (ASTM E 330) (Measurements reported were taken on the fixed meeting rail) (Loads were held for 33 seconds)		
	@ 47.0 psf (positive)	0.04"	0.30" max
	@ 47.0 psf (negative)	0.03"	0.30" max
	Uniform Load Structural (ASTM E 330) (Measurements reported were taken on the fixed meeting rail) (Loads were held for 10 seconds)		
	@ 70.5 psf (positive)	0.07"	0.21" max.
	@ 70.5 psf (negative)	0.04"	0.21" max.

Detailed drawings, representative samples of the test specimen, and a copy of this report will be retained by ATI for a period of four years. The above results were secured by using the designated test methods and they indicate compliance with the performance requirements of the above referenced specification. This report does not constitute certification of this product, which may only be granted by the certification program administrator.

For ARCHITECTURAL TESTING, INC

Mark A. Hess
Technician

MAH:baw
01-37589.02

Allen N. Reeves, P.E.
Director - Engineering Services

24 JUNE 2002



DOCUMENT CONTROL ADDENDUM #01-37589.00

Current Issue Date: 06/06/02

Report No.: 01-37589.01

Requested by: Scott Gill, MI Home Products, Inc.

Purpose: AAMA/NWWDA 101/I.S.2-97 testing on Series/Model 450, aluminum single hung window.

Issued Date: 09/11/00

Comments: Certification copy to John Smith at Associated Laboratories, Inc.

Report No.: 01-37589.02

Requested by: William Emley, MI Home Products, Inc.

Purpose: Revised Report No. 01-37589.01.

Issued Date: 06/06/02

Comments: Added Series/Model 650/850. Florida P.E. seal required on report
Certification copy to John Smith at Associated Laboratories, Inc.

Allen M. Rasmussen
24 JUN 2002

COLUMBIA COUNTY BUILDING DEPARTMENT

RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2001

ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

EFFECTIVE MARCH 1, 2002

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

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

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

APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

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

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

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Floor Plan including:

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

Foundation Plan including:

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

Roof System:

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

Wall Sections including:

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

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- ☒ ☐ **b) Wood frame wall**
1. All materials making up wall
 2. Size and species of studs
 3. Sheathing size, type and nailing schedule
 4. Headers sized
 5. Gable end showing balloon framing detail or gable truss and wall hinge bracing detail
 6. All required fasteners for continuous tie from roof to foundation (truss anchors, straps, anchor bolts and washers)
 7. Roof assembly shown here or on roof system detail (FBC104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
 8. Fire resistant construction (if applicable)
 9. Fireproofing requirements
 10. Show type of termite treatment (termicide or alternative method)
 11. Slab on grade
 - a. Vapor retardant (6Mil. Polyethylene with joints lapped 6 inches and sealed)
 - b. Must show control joints, synthetic fiber reinforcement or welded wire fabric reinforcement and supports
 12. Indicate where pressure treated wood will be placed
 13. Provide insulation R value for the following:
 - a. Attic space
 - b. Exterior wall cavity
 - c. Crawl space (if applicable)
- ☐ ☐ **c) Metal frame wall and roof (designed, signed and sealed by Florida Prof. Engineer or Architect)**
- ☐ ☐ **Floor Framing System:**
- a) Floor truss package including layout and details, signed and sealed by Florida Registered Professional Engineer
 - b) Floor joist size and spacing
 - c) Girder size and spacing
 - d) Attachment of joist to girder
 - e) Wind load requirements where applicable
- ☐ ☐ **Plumbing Fixture layout**
- ☐ ☐ **Electrical layout including:**
- a) Switches, outlets/receptacles, lighting and all required GFCI outlets identified
 - b) Ceiling fans
 - c) Smoke detectors
 - d) Service panel and sub-panel size and location(s)
 - e) Meter location with type of service entrance (overhead or underground)
 - f) Appliances and HVAC equipment
 - g) Arc Fault Circuits (AFCI) in bedrooms
- ☒ ☐ **HVAC Information**
- a) Manual J sizing equipment or equivalent computation
 - b) Exhaust fans in bathroom
- ☒ ☐ **Energy Calculations (dimensions shall match plans)**
- ☐ ☐ **Gas System Type (LP or Natural) Location and BTU demand of equipment**
- ☐ ☐ **Disclosure Statement for Owner Builders**
- ☒ ☐ *****Notice Of Commencement Required Before Any Inspections Will Be Done**
- ☒ ☐ **Private Potable Water**
- a) Size of pump motor
 - b) Size of pressure tank
 - c) Cycle stop valve if used

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

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

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

NOTICE:

ADDRESSES BY APPOINTMENT ONLY!

TO OBTAIN A 9-1-1 ADDRESS THE REQUESTER MUST CONTACT THE COLUMBIA COUNTY 9-1-1 ADDRESSING DEPARTMENT AT (386) 752-8787 FOR AN APPOINTMENT TIME AND DATE:

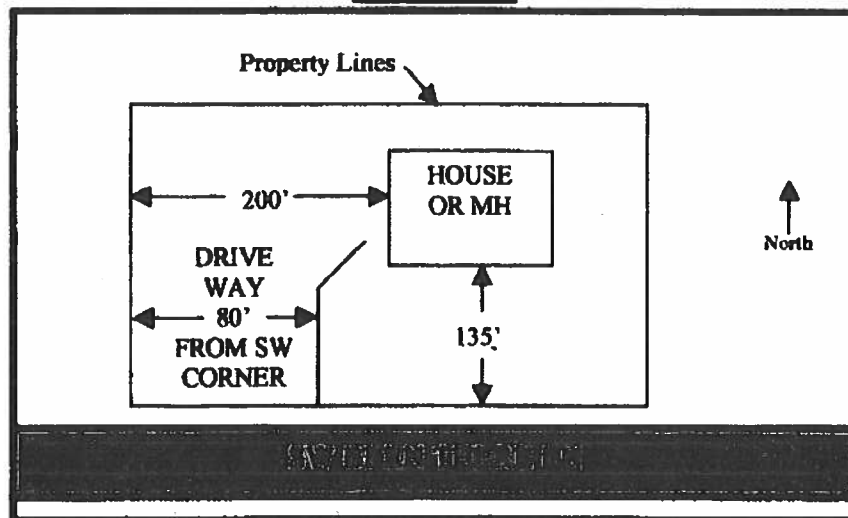
YOU CAN NOT OBTAIN A NEW ADDRESS OVER THE TELEPHONE. MUST MAKE AN APPOINTMENT!

THE ADDRESSING DEPARTMENT IS LOCATED AT 263 NW LAKE CITY AVENUE (OFF OF WEST U.S. HIGHWAY 90 WEST OF INTERSTATE 75 AT THE COLUMBIA COUNTY EMERGENCY OPERATIONS CENTER).

THE REQUESTER WILL NEED THE FOLLOWING:

1. THE PARCEL OR TAX ID NUMBER (SAMPLE: "25-4S-17-12345-123" OR "R12345-123) FOR THE PROPERTY.
2. A PLAT, PLAN, SITE PLAN, OR DRAWING SHOWING THE PROPERTY LINES OF THE PARCEL.
 - a. LOCATION OF PLANNED RESIDENT OR BUSINESS STRUCTURE ON THE PROPERTY WITH DISTANCES FROM TWO OF THE PROPERTY LINES TO THE STRUCTURE (SEE SAMPLE BELOW).
 - b. LOCATION OF THE ACCESS POINT (DRIVEWAY, ETC.) ON THE ROADWAY FROM WHICH LOCATION IS TO BE ADDRESSED WITH A DISTANCE FROM A PARALLEL PROPERTY LINE AND OR PROPERTY CORNER (SEE SAMPLE BELOW).
 - c. TRAVEL OF THE DRIVEWAY FROM THE ACCESS POINT TO THE STRUCTURE (SEE SAMPLE BELOW).

SAMPLE:



NOTE: 5 TO 7 WORKING DAYS MAY BE REQUIRED IF ADDRESSING DEPARTMENT NEEDS TO CONDUCT AN ON SITE SURVEY.

COLUMBIA COUNTY OFFICE OF 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 23-4S-16-03099-214

Building permit No. 000024124

Use Classification SFD, UTILITY

Fire: 23.68

Permit Holder JONATHAN PERRY

Waste: 49.00

Owner of Building JONATHAN PERRY

Total: 72.68

Location: 133 SW LANCELOT GLEN, LAKE CITY, FL 32025

Date: 06/28/2006

J. W. for Randy Jones

Building Inspector



POST IN A CONSPICUOUS PLACE
(Business Places Only)

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:1SQ3487-Z0401082831

Truss Fabricator: Anderson Truss Company

Job Identification: 5-390-JONATHON PERRY / LOT 14 PHASE II STONEHANGE

Truss Count: 46

Model Code: Florida Building Code 2001

Truss Criteria: ANSI/TPI-1995(STD)/FBC

Engineering Software: Alpine Software, Version 7.04.

Structural Engineer of Record:

Address:

Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration

Floor - N/A

Wind - 110 MPH ASCE 7-98 -Closed

Notes:

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

Details: BRCLBSUB-A11015EC-GBLLETIN

Seal Date: 09/01/2005

-Truss Design Engineer-

Arthur R. Fisher

Florida License Number: 59687

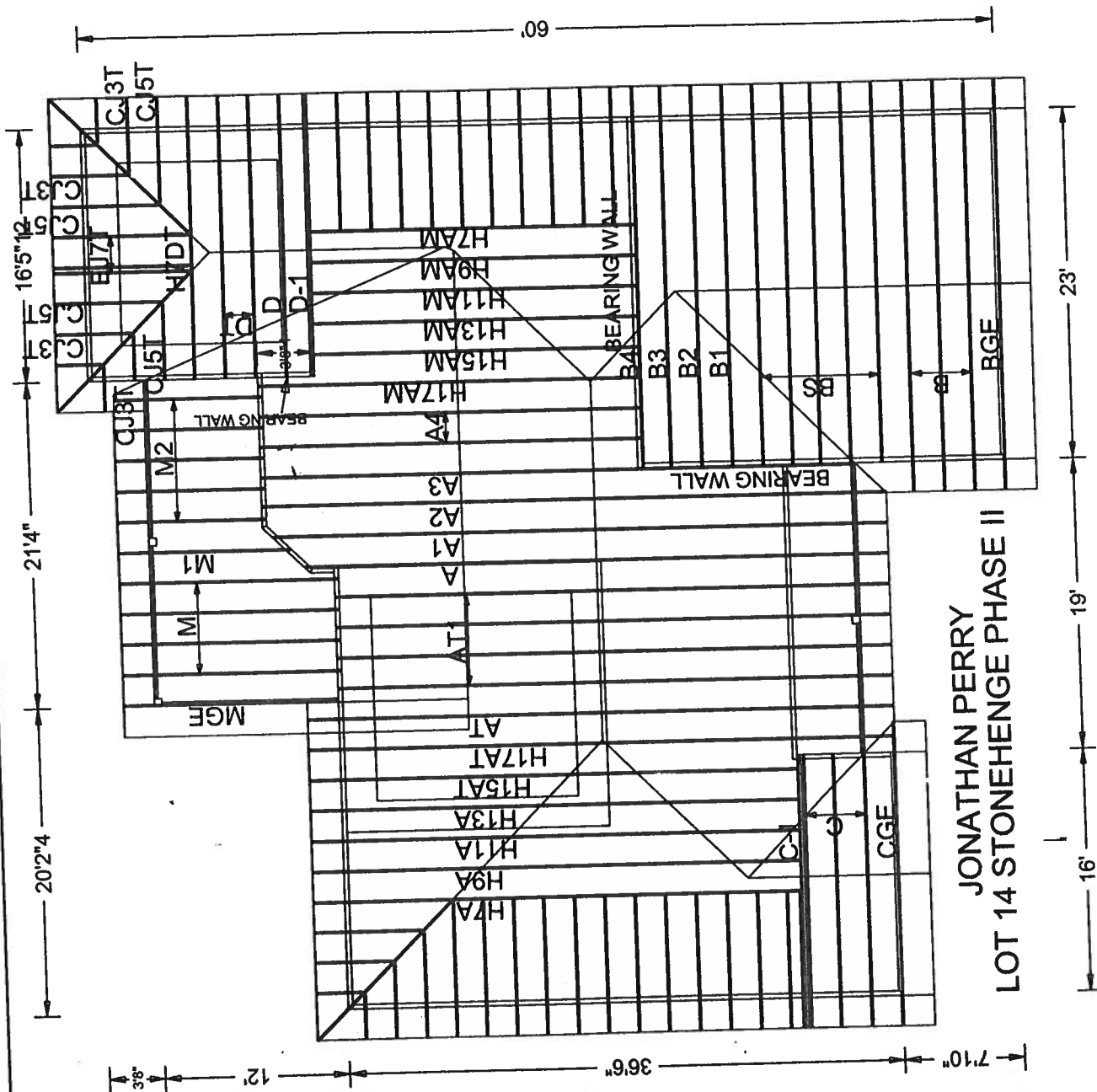
1950 Marley Drive

Haines City, FL 33844

#	Ref	Description	Drawing#	Date
1	16273--A4		05244045	09/01/05
2	16274--A		05244068	09/01/05
3	16275--H17AM		05244056	09/01/05
4	16276--A3		05244067	09/01/05
5	16277--A2		05244070	09/01/05
6	16278--A1		05244069	09/01/05
7	16279--H7A		05243047	08/31/05
8	16280--H9AM		05244076	09/01/05
9	16281--H9A		05244050	09/01/05
10	16282--H7AM		05244071	09/01/05
11	16283--H11A		05244082	09/01/05
12	16284--H11AM		05244077	09/01/05
13	16285--H13AM		05244078	09/01/05
14	16286--H15AM		05244060	09/01/05
15	16287--H13A		05244061	09/01/05
16	16288--H17AT		05244065	09/01/05
17	16289--H15AT		05244066	09/01/05
18	16290--AT1		05244063	09/01/05
19	16291--AT		05244062	09/01/05
20	16292--B		05244064	09/01/05
21	16293--BS		05244083	09/01/05
22	16294--BGE		05244044	09/01/05
23	16295--B1		05244080	09/01/05
24	16296--B4		05244086	09/01/05
25	16297--B2		05244081	09/01/05
26	16298--B3		05244079	09/01/05
27	16299--CGE		05244053	09/01/05
28	16300--C-1		05244084	09/01/05
29	16301--C		05244074	09/01/05
30	16302--D		05244047	09/01/05
31	16303--D-1		05244055	09/01/05
32	16304--H7DT		05244051	09/01/05
33	16305--DT		05244085	09/01/05
34	16306--EJ7		05244075	09/01/05
35	16307--CJ5		05244072	09/01/05
36	16308--HJ7		05243048	08/31/05

#	Ref	Description	Drawing#	Date
37	16309--CJ3		05244073	09/01/05
38	16310--CJ3T		05244048	09/01/05
39	16311--CJ5T		05244057	09/01/05
40	16312--CJ1		05244049	09/01/05
41	16313--HJ7T		05243046	08/31/05
42	16314--EJ7T		05244059	09/01/05
43	16315--M1		05244054	09/01/05
44	16316--M		05244052	09/01/05
45	16317--M2		05244058	09/01/05
46	16318--MGE		05244046	09/01/05

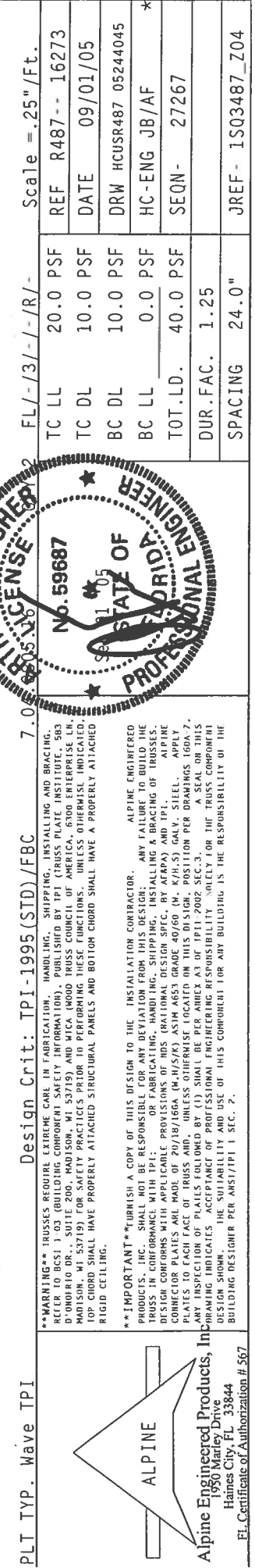




JONATHAN PERRY LOT 14 STONEHENGE PHASE II

Roof Plane Sheathing Area = 3623 sq. ft
 Gable Sheathing Area = 130 sq. ft
 Total Sheathing Area = 3754 sq. ft
 Fascia Material = 272 linear ft
 Valley Flashing Material = 81 linear ft
 Ridge Cap Material = 135 linear ft
 Hip Ridge Material = 96 linear ft

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

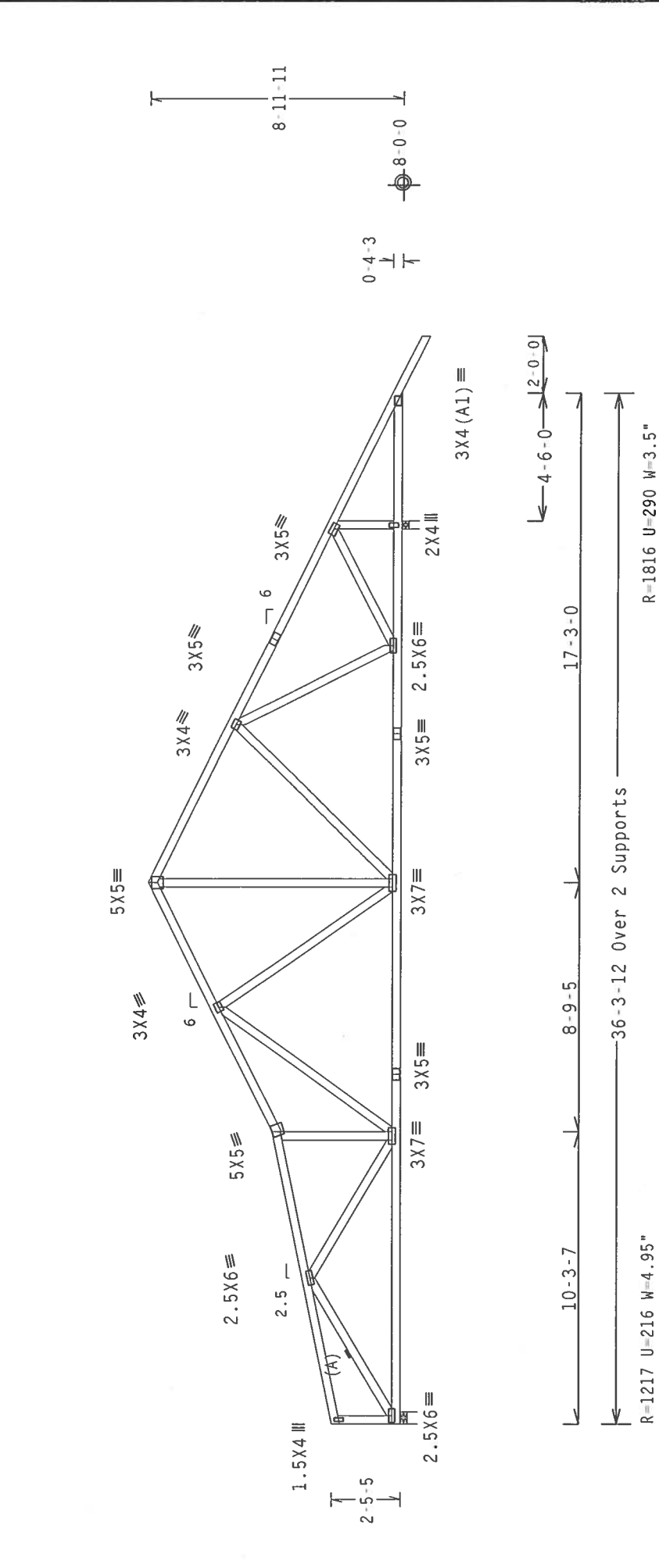


Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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

110 mph wind, 12.16 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.



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

Scale = 1875" / Ft.

REF R487-- 16274

DATE 09/01/05

DRW HCUSR487 05244068

HC-ENG JB/AF

SEQN- 27290

DUR.FAC. 1.25

SPACING 24.0"

ALPINE

Alpine Engineered Products, Inc.

1950 Marley Drive

Haines City, FL 33844

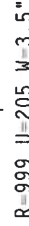
FL Certificate of Authorization # 567

WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGNER SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGNER SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGNER SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN.

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

110 mph wind, 13.36 ft mean hgt., ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

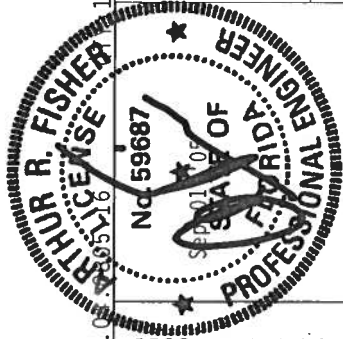
Right end vertical not exposed to wind pressure.



FL 1-131-1-1R1-

Scale = .25"/ft.

TC LL	20.0	PSF	REF	R487--	16275
TC DL	10.0	PSF	DATE	09/01/05	
BC DL	10.0	PSF	DRW	HCUSR487	05244056
BC LL	0.0	PSF	HC-ENG	JB/AF	*
TOT.LD.	40.0	PSF	SEQN-	27279	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	1S03487	Z04



***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, 5835 N. D'AMORIO DR., SUITE 200, MADISON, WI 53719 AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

***IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR DETAILING FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE SPECIFICATIONS OF THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE TRUSS DESIGNER. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 7.

Alpine Engineered Products, Inc.
1950 Marley Drive

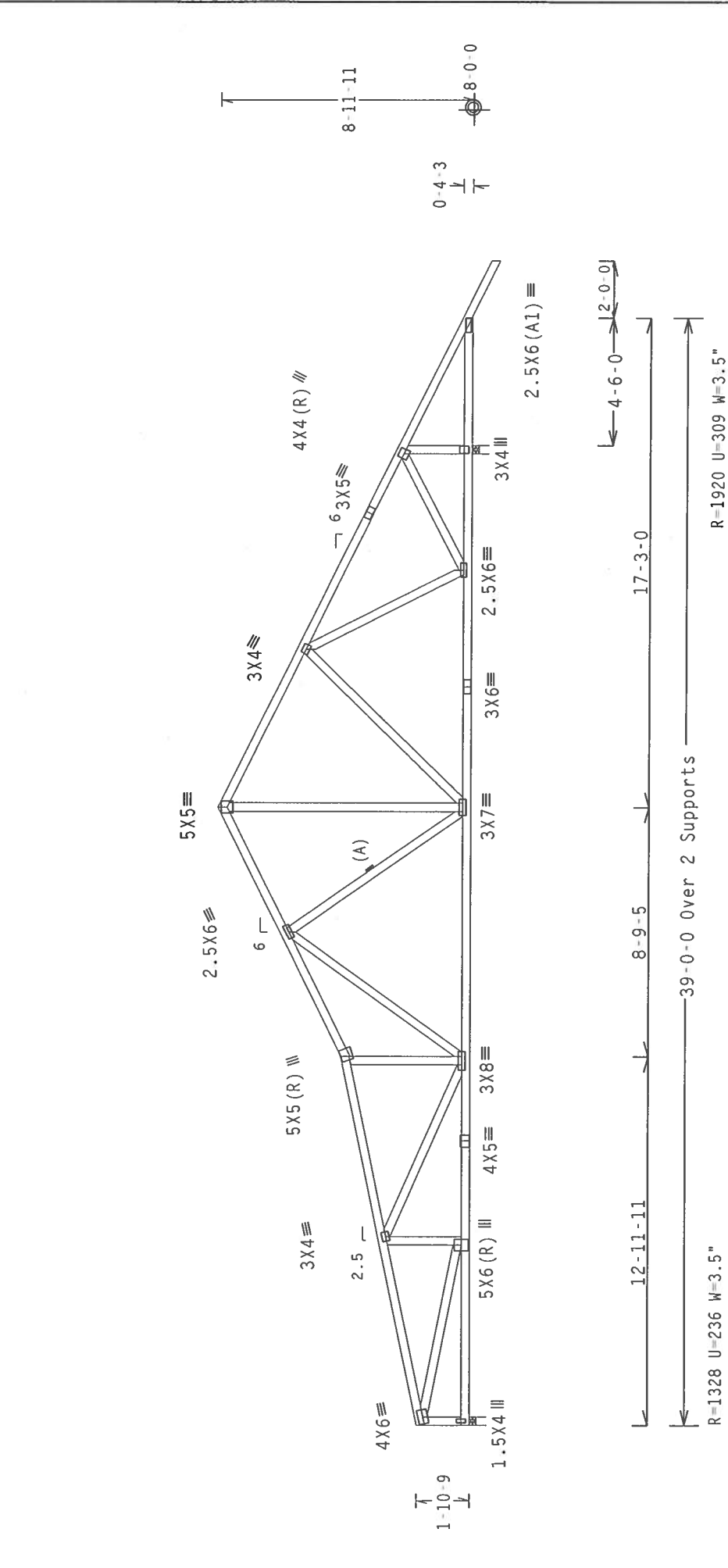
1730 Mauley Drive
Haines City, FL 33844

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

(A) Continuous lateral bracing equally spaced on member.

110 mph wind, 12.16 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

Scale = 1/8" = 1'-0"

110 mph wind, 12.16 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.

12-11-11

8-9-5

39-0-0 Over 2 Supports

17-3-0

4-6-0

12-0-0

8-11-11

0-4-3

8-0-0

R=1328 U=236 W=3.5"

R=1920 U=309 W=3.5"

5X5

2.5X6

3X4

4X4 (R)

6X3X5

3X4

2.5X6 (A1)

3X4

2.5X6

3X6

3X7

5X5 (R)

3X4

2.5

4X6

1.5X4

5X6 (R)

4X5

3X8

3X4

2.5X6 (A1)

ALPINE

Alpine Engineered Products, Inc.

1950 Marley Drive

Haines City, FL 33844

FL Certificate of Authorization # 567

ARTHUR R. FISHER

Professional Engineer

No. 59697

STATE OF FLORIDA

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"

Scale = 1/8" = 1'-0"

REF R487 -- 16277

DATE 09/01/05

DRW HCUSR487 05244070

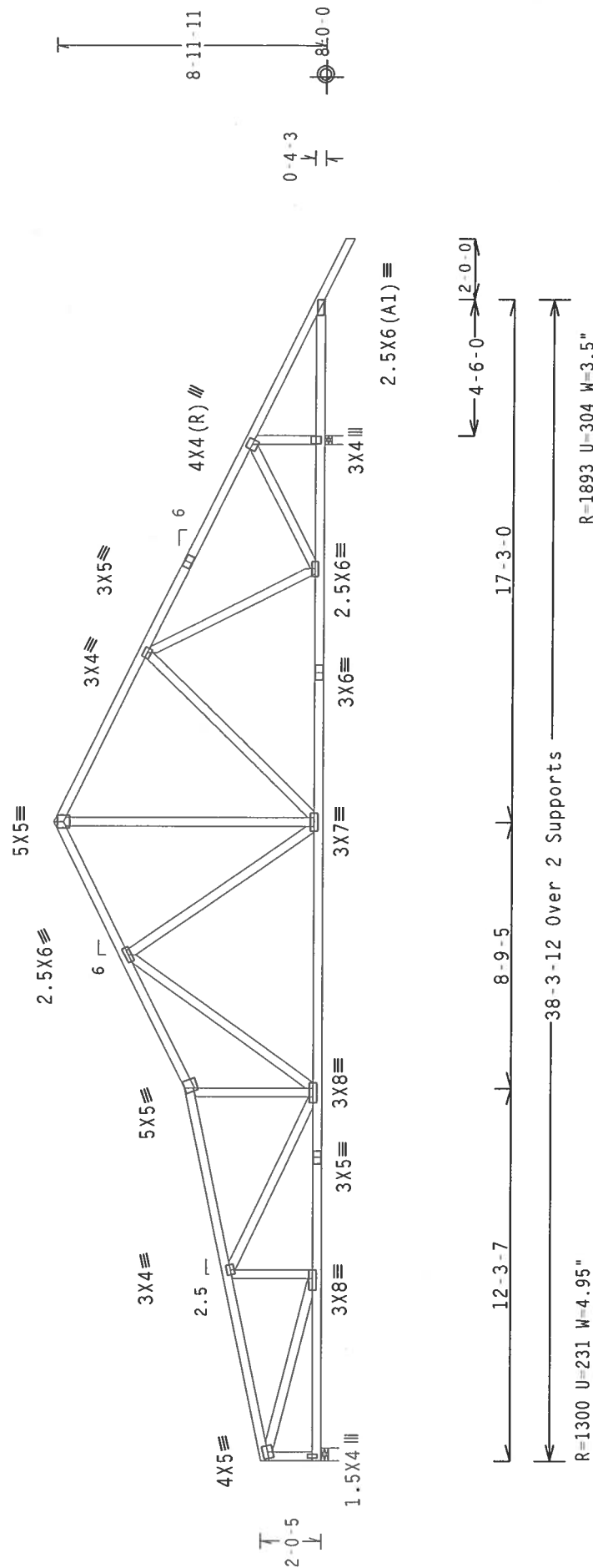
HC-ENG JB/AF

SEQN- 27292

JREF- 1S03487_Z04

110 mph wind, 12.16 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP 8, 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



ALPINE

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

Design Crit: TPI-1995 (STD)/FBC

7.04

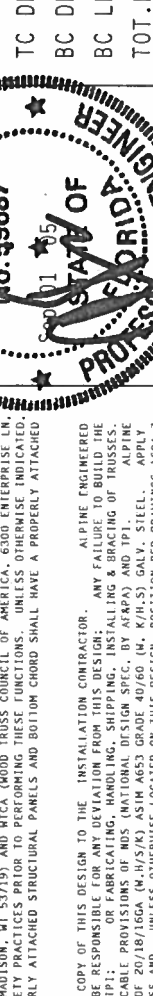
FL / -3 / - / R -

Scale = .1875" / Ft.

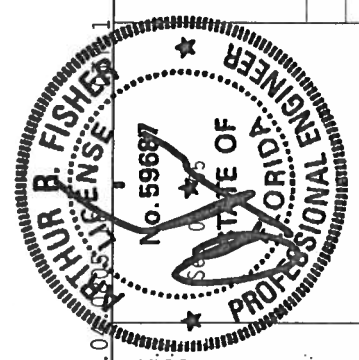
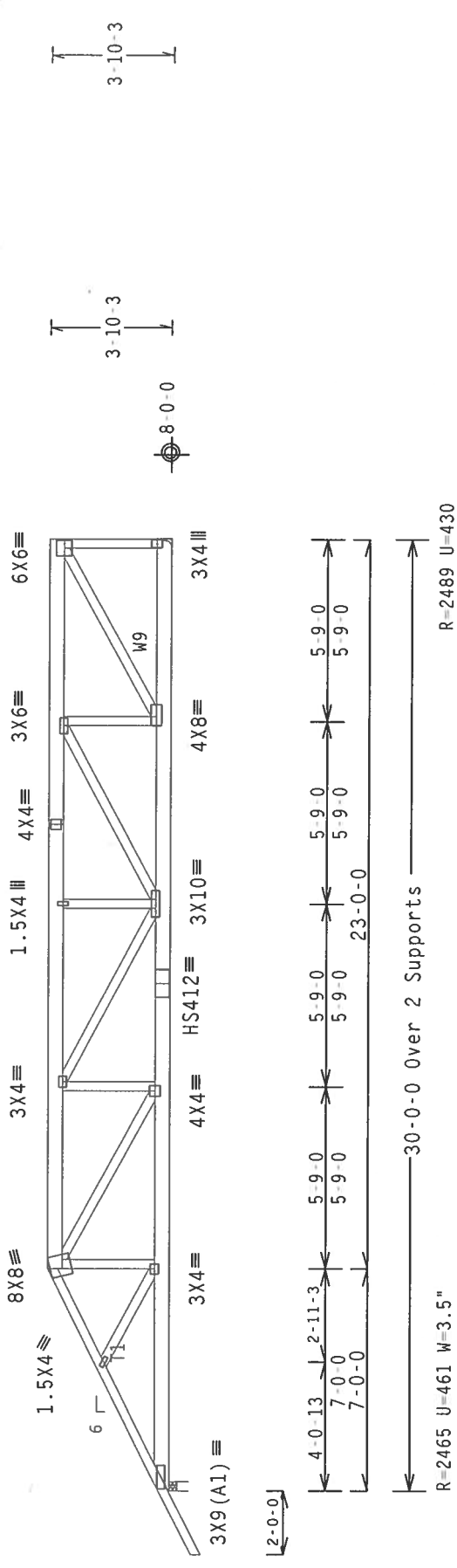
TC LL	20.0 PSF	REF	R487 - -	16278
TC DL	10.0 PSF	DATE	09/01/05	
BC DL	10.0 PSF	DRW	HCUSR487	0524069
BC LL	0.0 PSF	HC-ENG	JB / AF	
TOT.LD.	40.0 PSF	SEQN-	27291	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1S03487	Z04

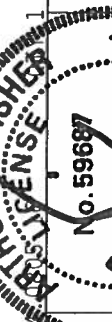
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 O'CONNOR DR., SUITE 200, PAOLI, WI 53219) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., WOODBRIDGE, VA 22191) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, ALL TRUSS CHORDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A TEMPORARILY ATTACHED RIGID CEILING.

****IMPORTANT**** *URNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DECISION CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA) AND AIA. ALPINE CHORDS TO BE MADE OF 2X10/16GA (4-11/16X6) ASTM A568 GRADE 40/60 (4- 6/16X5) GALV. STEEL. APPLY RATES TO EXISTING PANELS OF 20/18/16GA (4-11/16X6) GALV. STEEL. POSITION PER DRAWINGS 160A-Z. ALL INSPECTION OF PLATES FOLLOWED BY 11.5 MIN. REPAIRS AND REWORK. SEC. 3 FOR THE TRUSS COMPONENT DRAWING INDICATES THE SUITABILITY AND USE OF THIS COMPONENT FOR THE RESPONSIBILITY OF THE DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 7.



Top chord 2x6 SP #2 :T1 2x4 SP #2 Dense:
Bot chord 2x6 SP #2
Webs 2x4 SP #3 :W9 2x4 SP #2 Dense:
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.
#1 hip supports 7'-0" jacks with no webs.



PLT TYP. 20 Gauge HS, Wave TPI	Design Crit: TPI-1995 (STD)/FBC	7.0	1	FL / -3 / - / -R / -	Scale = .1875" / Ft.
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 O-NOFFORD DR., SUITE 200, MADISON, WI 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. **IMPORTANT** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR THE TRUSS DESIGN, FABRICATION, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AFPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (M-H/S/K) ASIM A653 GRADE 40/60 (M, R/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES THE ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGNER'S USE. THIS SEAL IS NOT VALID FOR ANY OTHER 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 Mayday Drive Haines City, FL 33844					
 STATE OF FLORIDA PROFESSIONAL ENGINEER No. 59687 JREF - 1S03487_Z04					
				TC LL 20.0 PSF	REF R487-- 16279
				TC DL 10.0 PSF	DATE 08/31/05
				BC DL 10.0 PSF	DRW HCUSR487 05243047
				BC LL 0.0 PSF	HC-ENG DF /AF
				TOT.LD. 40.0 PSF	SEQN- 4949
				DUR.FAC. 1.25	
				SPACING 24.0"	

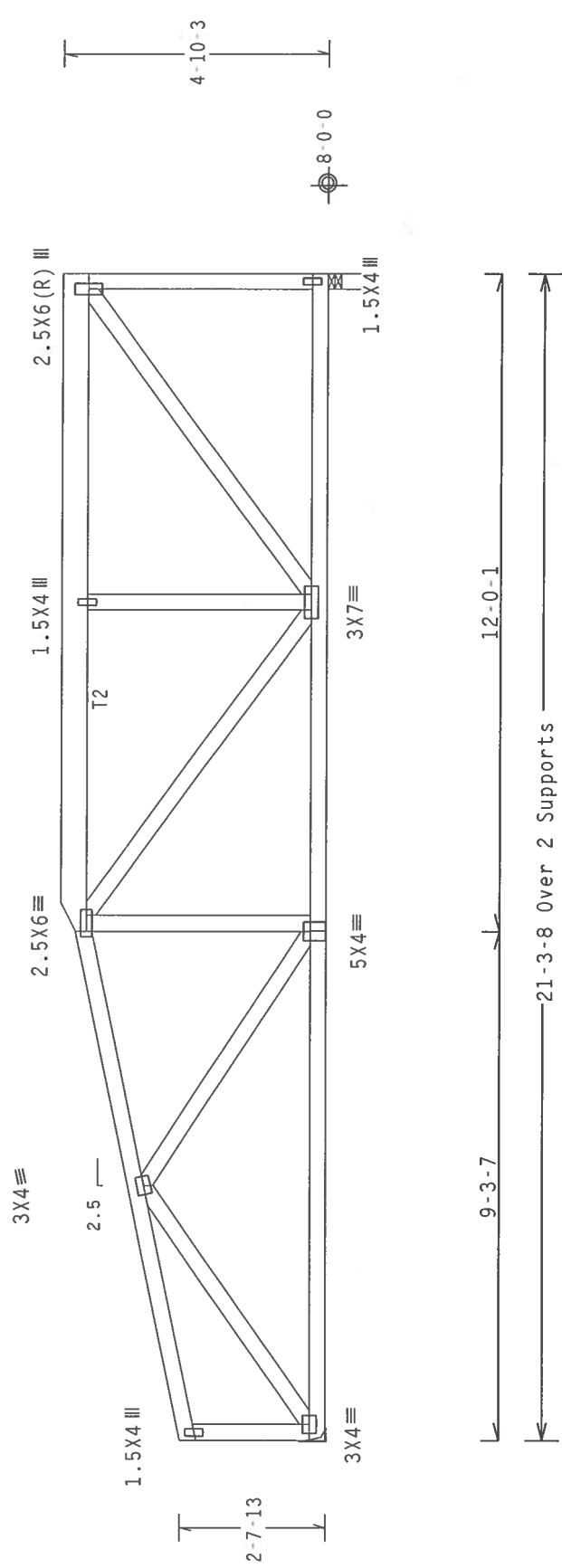
Top chord 2x4 SP #2 Dense :T2 2x6 SP #2:
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 11.75 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.

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

End verticals not exposed to wind pressure.

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



R-852 U=180 H-Simpson LUS26
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2x6 min. So.Pine

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

Scale = .3125" / Ft.

TC LL	20.0 PSF	REF	R487--	16280
TC DL	10.0 PSF	DATE	09/01/05	
BC DL	10.0 PSF	DRW	HCUSR487	05244076
BC LL	0.0 PSF	HC-ENG	JB/AF	
TOT.LD.	40.0 PSF	SEQN-	27298	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1SQ3487_Z04	

ARTHUR R. FISHER
No. 99687
Professional Engineer
State of Florida
Seal of the Professional Engineer

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

WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO TPI-1995(STD)/FBC FOR DETAILED INSTRUCTIONS. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-1995(STD)/FBC OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY A/RPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 70/18/16GA (N-H/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-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGNER SHOWS THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

110 mph wind, 10.10 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.

Design Crit: TPI-1995(STD)/FBC

PLT TYP. Wave TPI

Note: All Plates Are 3X4 Except As Shown.

Design Crit: TPI-1995(STD)/FBC

Scale = .1875"/Ft.

REF R487-- 16281

DATE 09/01/05

DRW HCUR487 05244050

HC-ENG JB/AF

SEQN- 27273

DUR.FAC. 1.25

SPACING 24.0"

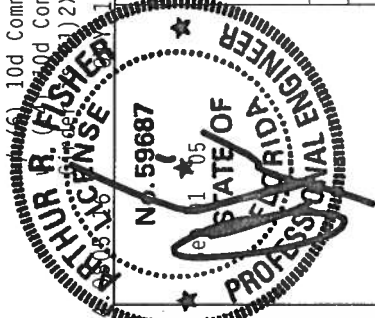
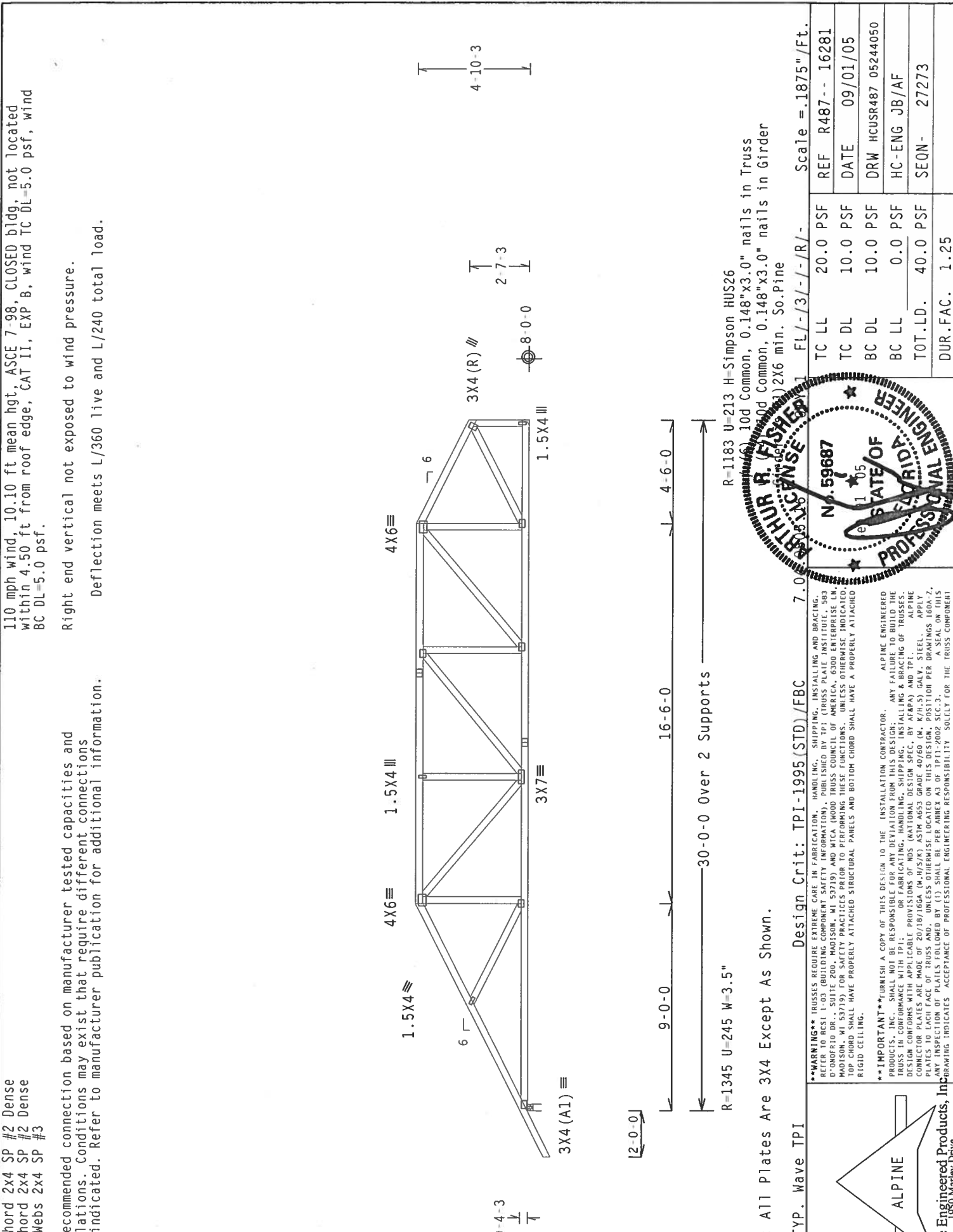
JREF- 1S03487_Z04

ALPINE

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

FL Certificate of Authorization # 567

ALPINE



Top chord 2x6 SP #2
Bot chord 2x6 SP #2
Webs 2x4 SP #3 : W2, W6 2x4 SP #2 Dense:

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind
BC DL=5.0 psf.

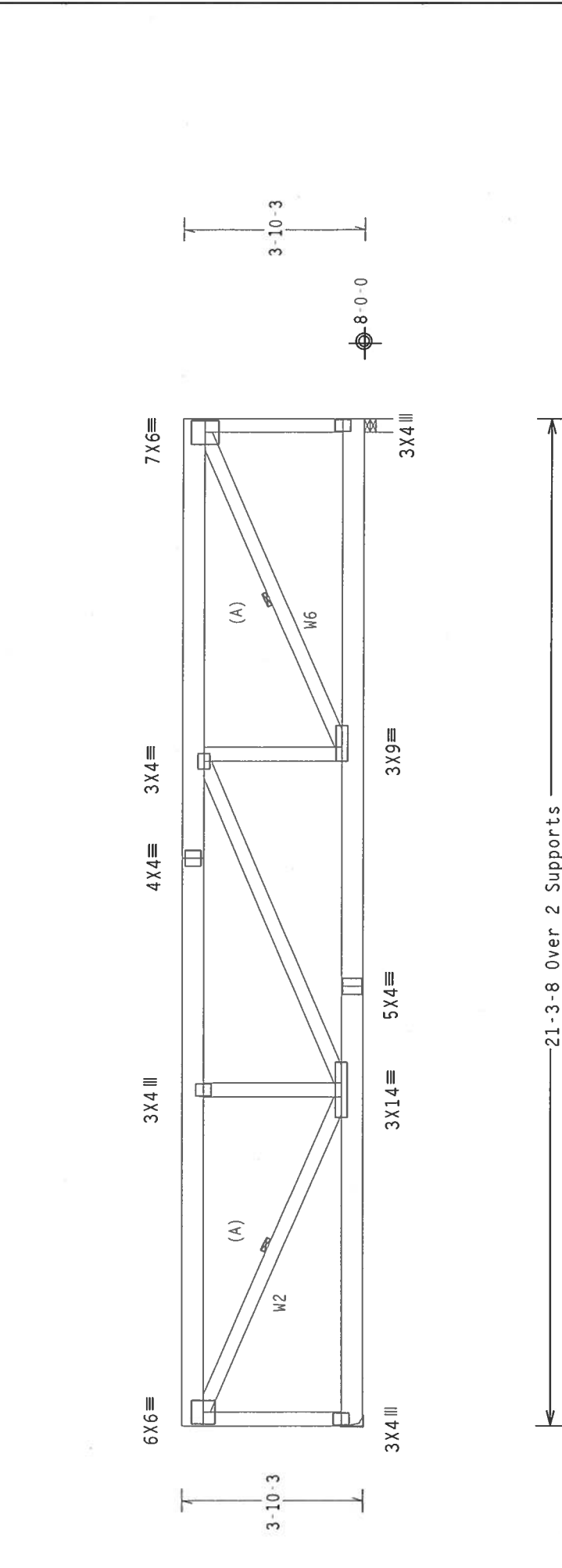
SPECIAL LOADS			
---	(LUMBER	DUR.FAC. = 1.25 / PLATE	DUR.FAC. = 1.25)
TC	- From	60 PLF at 0.00 to	60 PLF at 21.29
BC	- From	20 PLF at 0.00 to	20 PLF at 21.29
TC	- 173 LB	Conc. Load at 1.94,	3.94, 5.94, 7.94, 9.94
11.94, 13.94,	15.94,	17.94, 19.94	
BC	- 70 LB	Conc. Load at 1.94,	3.94, 5.94, 7.94, 9.94

End verticals not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

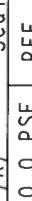
Deflection meets L/360 live and L/240 total load.

Truss must be installed as shown with top chord up.



R-2034 U=746 H=Simpson HUS26
w/ (6) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So.Pine

PLT TYP. Wave TPI



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

FL Certificate of Authorization # 567

Design Crit: TPI-1995(STD)/FBC

7.04

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

Scale = .3125" / Ft.

TC LL	20.0 PSF	REF	R487 - - 16282
TC DL	10.0 PSF	DATE	09/01/05
BC DL	10.0 PSF	DRW	HCUSR487 05244071
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	40.0 PSF	SEQN-	27293
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1S03487_Z04

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. TRUSSES SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC, BY AISC) AND STEEL CONNECTOR PLATES ARE MADE OF 20/18/16GA (W-/H-/K) ASTM A653 GRADE 40/60 (W-/H-/K) GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANS1/TPI 1 SEC. 2.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC, BY AISC) AND STEEL CONNECTOR PLATES ARE MADE OF 20/18/16GA (W-/H-/K) ASTM A653 GRADE 40/60 (W-/H-/K) GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANS1/TPI 1 SEC. 2.

7.04

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

Scale = .3125" / Ft.

TC LL	20.0 PSF	REF	R487 - - 16282
TC DL	10.0 PSF	DATE	09/01/05
BC DL	10.0 PSF	DRW	HCUSR487 05244071
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	40.0 PSF	SEQN-	27293
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1S03487_Z04

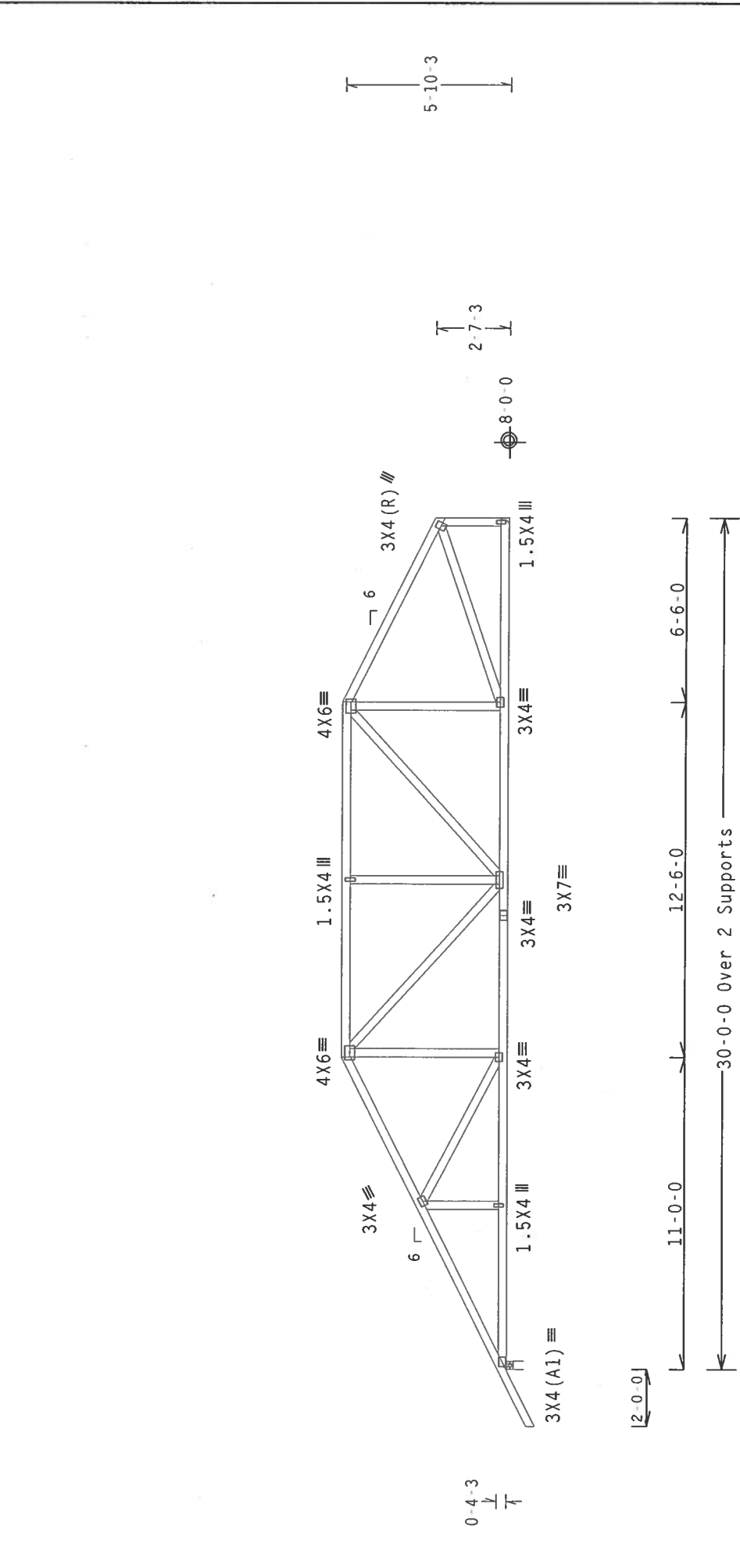
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 10.60 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.

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

Right end vertical not exposed to wind pressure.

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



R-1183 U=210 H-Simpson HUS26
(6) 10d Common, 0.148"x3.0" nails in Truss
(6) 10d Common, 0.148"x3.0" nails in Girder
(6) 2x6 min. So.Pine

Scale = 1/8" = 1'-0"

PLT TVP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04

FL/-/3/-/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-- 16283
DATE 09/01/05
DRW HCUR487 05244082
HC-ENG JB/AF
SEQN- 27262
JREF- 1S03487_Z04

ALPINE
Alpine Engineered Products, Inc.
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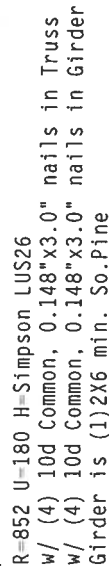
ALPINE
ENGINEER
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI1. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (M-H/S/K) ASTM A653 GRADE 40/60 (IN. K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002, SEC.3. A SEAL ON THIS DESIGN SHALL BE AFFIXED TO THE TRUSS COMPONENT. THE SUSTAINABILITY 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. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI1. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (M-H/S/K) ASTM A653 GRADE 40/60 (IN. K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002, SEC.3. A SEAL ON THIS DESIGN SHALL BE AFFIXED TO THE TRUSS COMPONENT. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

110 mph wind, 12.25 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.

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



Design Crit: TPI-1995(STD)/FBC

TC LL	20.0 PSF	REF	R487-- 16284
TC DL	10.0 PSF	DATE	09/01/05

BC DL	10.0 PSF	DRW	HCUSR487	05244077
BC LL	0.0 PSF	HC-ENG JB/AF		
TOT.LD.	40.0 PSF	SEQN -	27299	
DUR.FAC.	1.25			

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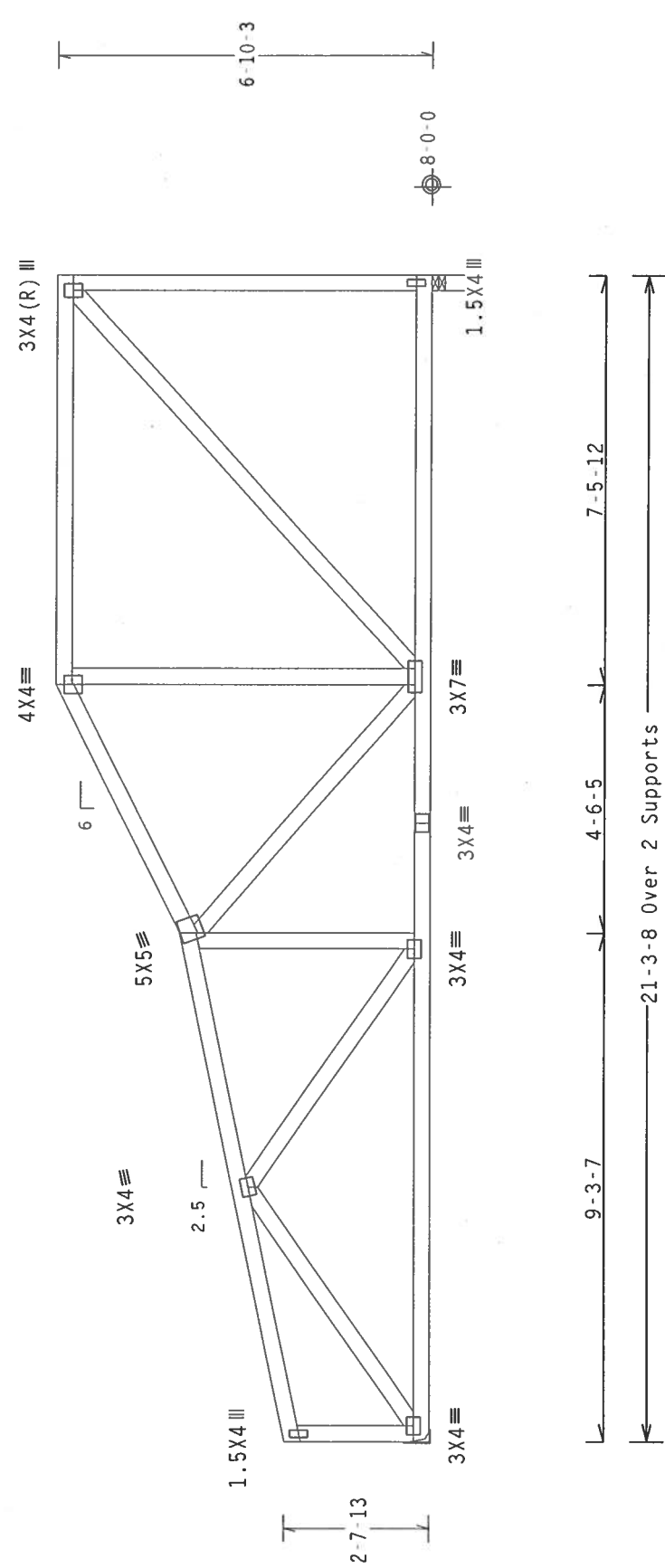
110 mph wind, 12.75 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

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

End verticals not exposed to wind pressure.

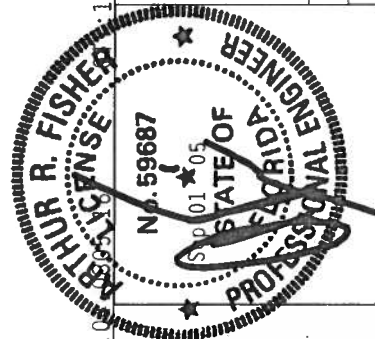
Deflection meets L/360 live and L/240 total load.



R-852 U=180 H=Simpson LUS26
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So.Pine

21-3-8 Over 2 Supports

Scale = 3/125" / Ft.



PLT TYP. Wave TPI	Design Crit: TPI-1995(STD)/FBC	7.0	FL/-3/-/-R/-	Scale = 3/125" / Ft.
		TC LL	20.0 PSF	REF R487-- 16285
		TC DL	10.0 PSF	DATE 09/01/05
		BC DL	10.0 PSF	DRW HCUSR487 05244078
		BC LL	0.0 PSF	HC-ENG JB/AF
		TOT.LD.	40.0 PSF	SEQN- 27300
		DUR.FAC.	1.25	
		SPACING	24.0"	JREF- 1SQ3487_Z04

ALPINE

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Haines City, FL 33844

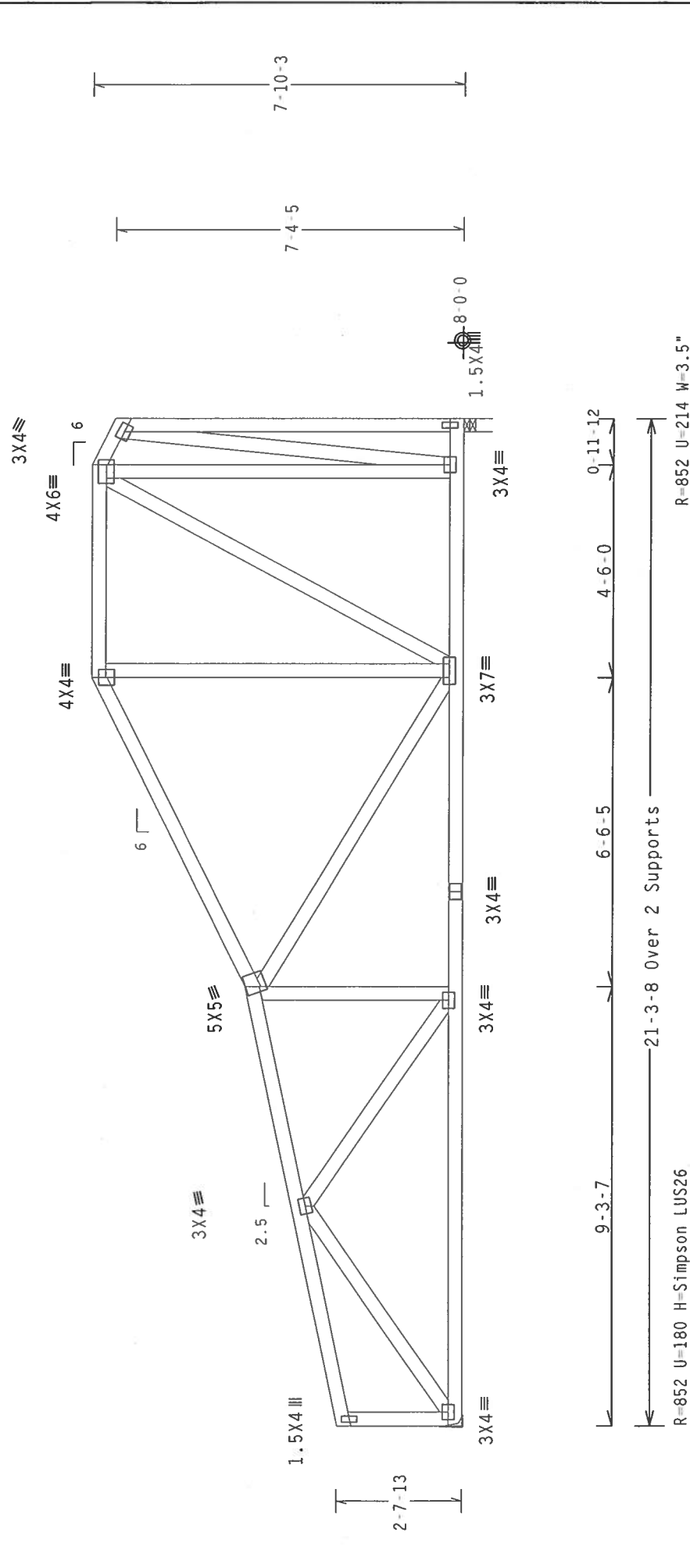
FL Certificate of Authorization # 567

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

End verticals not exposed to wind pressure.

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

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



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

PLT TYP. Wave TPI
Design Crit: TPI-1995(STD)/FBC
7.04 / 3.61
FL - 3 / - / R / -
Scale = .3125" / Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.
 REFER TO BC51 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 583
 D'ONOFIO DR., SUITE 200, WAUJISON, WI 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN,
 WAUJISON, 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.

NO. 59687
 TC LL 20.0 PSF
 TC DL 10.0 PSF
 REF R487 -- 16286
 DATE 09/01/05

BC UL	10.0 PSF	DRW HCUSR487 05244060
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	40.0 PSF	SEQN- 27283
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SQ3487 Z04

**STATE OF ALABAMA
PROFESSIONAL ENGINEER**

****IMPORTANT** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERING INC. IS NOT RESPONSIBLE FOR ANY DAMAGE TO BUILDING OR TRUSS STRUCTURES DURING FABRICATING, HANDLING, SHIPPING AND BRACING OF ALPINE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MDS (NATIONAL DESIGN SPEC., BY AISC) AND TPI. CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/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-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX 4 OF IP11-2009 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE IRSS COMPONENT DESIGN AND VERIFICATION OF DIMENSIONALITY AND USE OF THIS COMPONENT FOR ANY BUILDING, IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISI/IP11 SEC.7.**

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

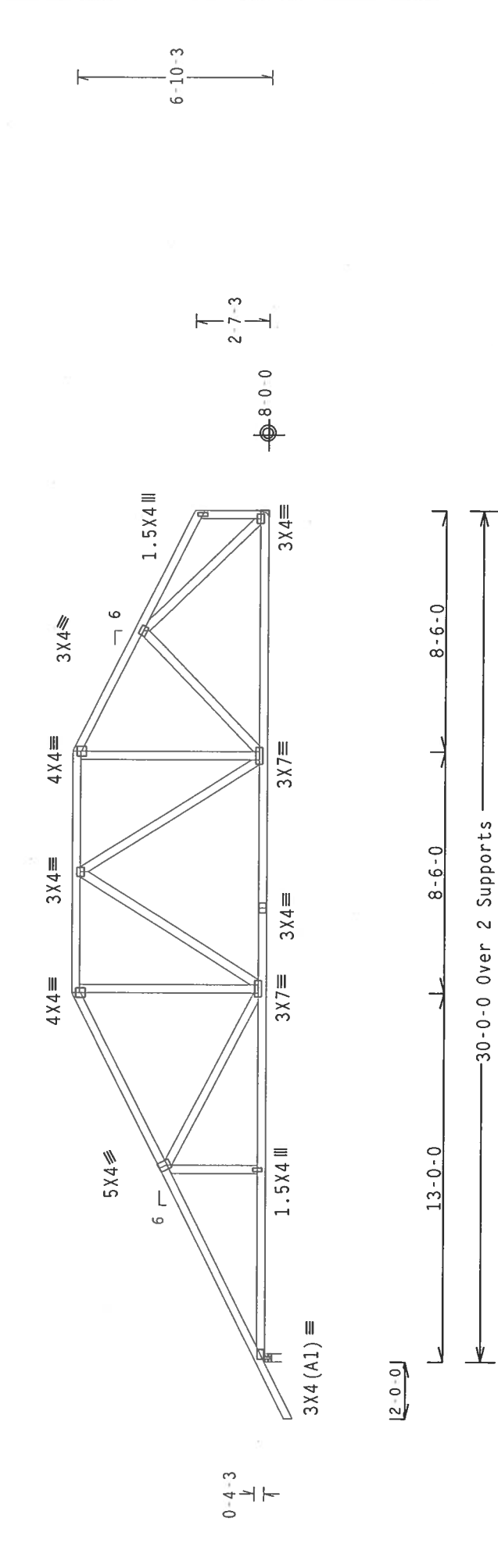
 Journal of
 Management Education

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

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

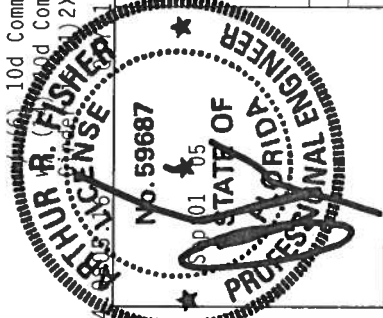
110 mph wind, 11.10 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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



R-1183 U-207 H-Simpson HUS26
10d Common, 0.148"x3.0" nails in Truss
10d Common, 0.148"x3.0" nails in Girder
2x6 min. So.Pine

Scale = .1875"/Ft.	REF R487-- 16287
DATE 09/01/05	DRW HCUR487 05244061
HC-ENG JB/AF	SEQN- 27284
TOT.LD. 40.0 PSF	DUR.FAC. 1.25
SPACING 24.0"	JREF- 1S03487_Z04



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

JREF- 1S03487 704

	Top	chord	2x4	SP #2	Dense
	Bot	chord	2x4	SP #2	Dense
		Webs	2x4	SP #3	
1					
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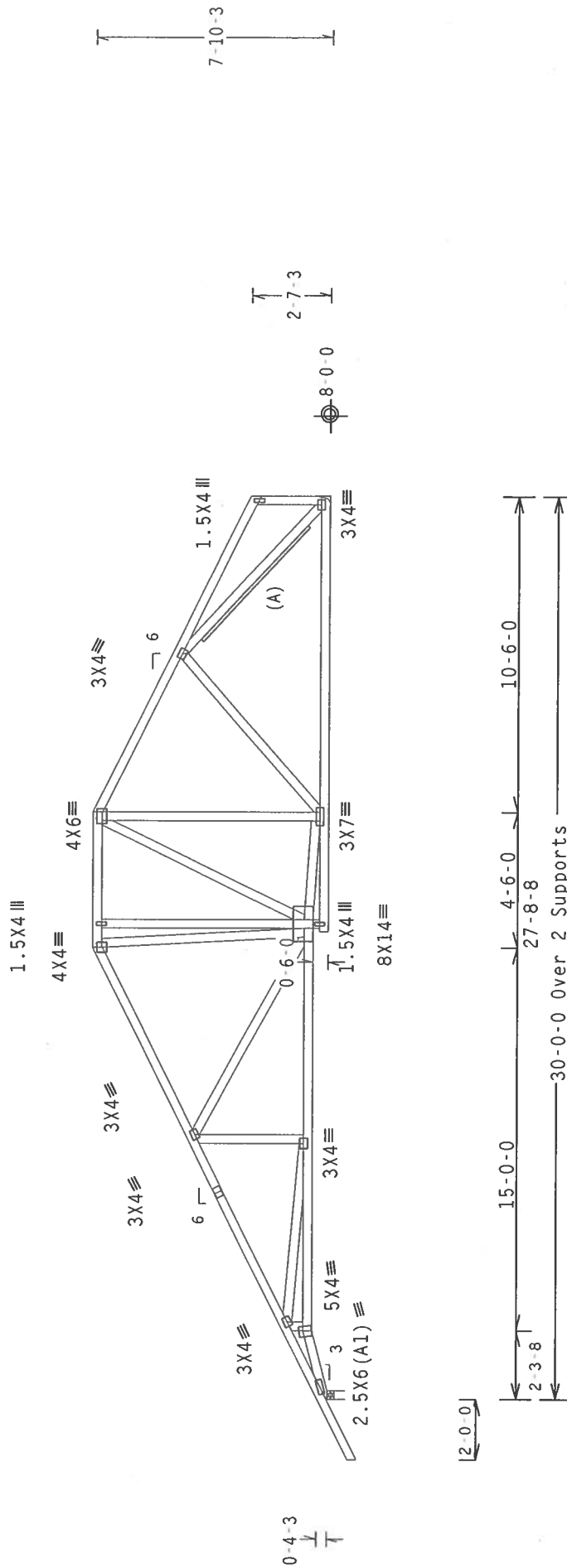
110 mph wind, 11.60 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

Right end vertical not exposed to wind pressure.

(A) 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=1341 H=241 W=3.5"

R=1183 U=204 H=Simpson HUS26
 (6) 10d Common, 0.148"x3.0" nails in Truss
 (1) 10d Common, 0.148"x3.0" nails in Girder
 (1) 2X6 min. So.Pine

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/EBC

0

511-131-1-101-

CS-370 - 107E# / F+

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCS 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY API (TRUSS PLATE INSTALLATION, 583 TRUSS COMPANY, 2000 W. 15TH AVE., SUITE 200, DENVER, CO 80202) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719) FOR ALL TRUSSING AND BRACING DIRECTIONS. UNLESS OTHERWISE INDICATED, ALL TRUSSING AND BRACING SHALL BE DONE IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. THE TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

IMPORTANTTURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. PRODUCTS SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; THEREFORE, THE CONTRACTOR SHALL VERIFY THAT ALL MANUFACTURING, SHIPPING, INSTALLATION AND CONSTRUCTION PRACTICES ARE IN ACCORDANCE WITH THE DESIGN. DESIGN CONFORMS WITH APPLICABLE PROVISIONS, AS WELL AS THE FOLLOWING: CONNECTOR PLATES ARE MADE OF 2018/16GA IN H/S/PS ASTM A653 GRADE 50 PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN. IF ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANHIX 43 OF TPII-2002 SURVEILLANCE PROGRAM INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLIDITY OF THE BUILDING SHALL BE VERIFIED BY THE DESIGNER. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING OR BUILDING DESIGNER PER ANHIX/TPII-1 SEC. 2.

TC LL	20.0	PSF	REF	R487--	16289
TC DL	10.0	PSF	DATE	09/01/05	
BC DL	10.0	PSF	DRW	HCUSR487	05244066
BC LL	0.0	PSF	HC-ENG	JB/AF	
TOT.LD.	40.0	PSF	SEQN-	27288	
DUR.FAC.	1.25				



ALPINE
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 1950 Marley Drive
 Haines City, FL 33844

Haines City, FL 33844
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(A) Continuous lateral bracing equally spaced on member.



PLI TYP.	Wave	TPI	Design Crit:	TPI-1995(STD)/FBC	7.0	7.0	FL/-3/-/R/-	Scale = .1875"/Ft.
PLI TYP. <td>Wave</td> <td>TPI</td> <td>Design Crit:</td> <td>TPI-1995(STD)/FBC</td> <td>7.0</td> <td>7.0</td> <td>FL/-3/-/R/-</td> <td>Scale = .1875"/Ft.</td>	Wave	TPI	Design Crit:	TPI-1995(STD)/FBC	7.0	7.0	FL/-3/-/R/-	Scale = .1875"/Ft.
WARNING BRUSSES REQUIRED EXTREME CARE IN FABRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING.								

ALPINE

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 1950 Marley Drive
 Haines City, FL 33844

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FL 33844

JREF - 1S03487_Z04

REF	R487--	20.0	PSF	TC LL	20.0	PSF
DATE	09/01/05	10.0	PSF	TC DL	10.0	PSF
DRW	HCUSR487 05244063	10.0	PSF	BC DL	10.0	PSF
HC-ENG	JB/AF	0.0	PSF	BC LL	0.0	PSF
SEQN-	27286	40.0	PSF	TOT.LD.	40.0	PSF
DUR.FAC.	1.25					
SPACING	24.0"					

PROFESSIONAL ENGINEER

STATE OF FLORIDA

No. 59687

01/05

REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLAT 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.

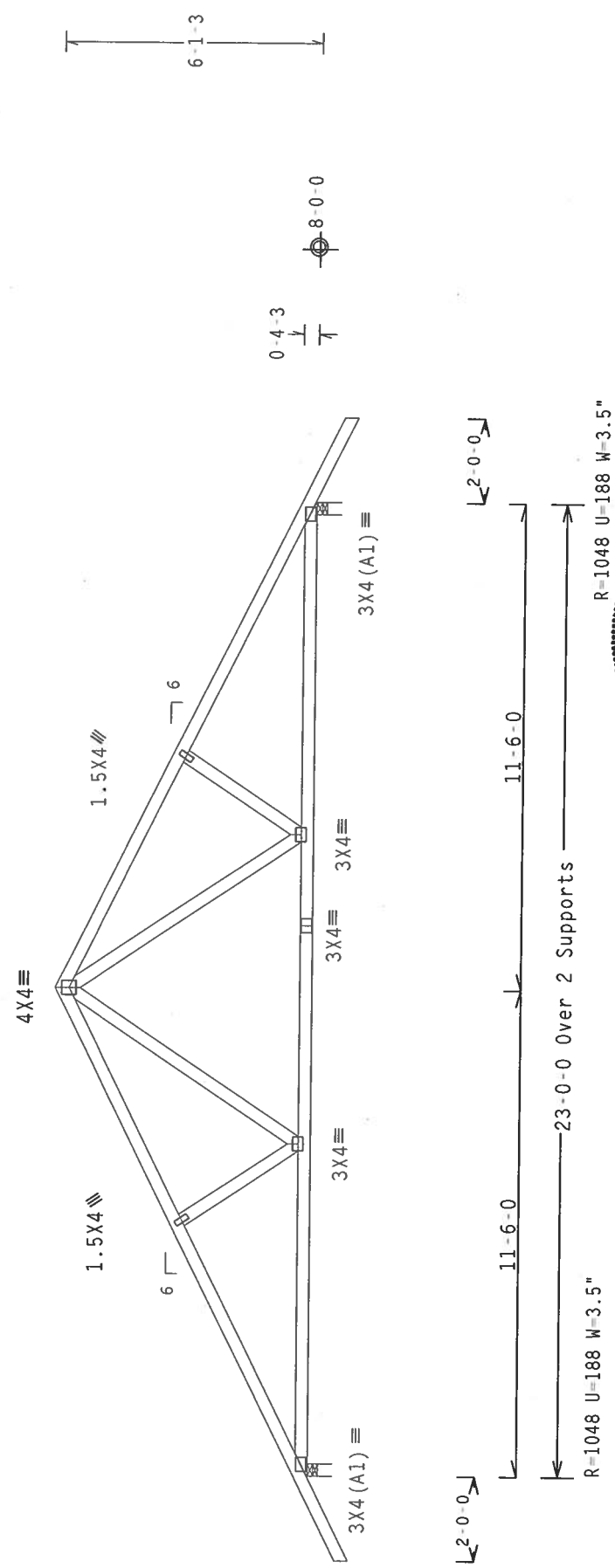
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS IS NOT RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLER. THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. IN STEEL), THE APPLICABLE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/HUS/KS) ASTM A653 GRADE 40/60 (W/ K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TP1-2002 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/TP1 1 SEC. 2.

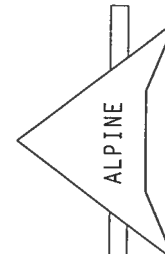
Downloaded from <http://ajphaphysocpharm.sagepub.com/> at 11:06 11 November 2014

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

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

110 mph wind, 10.72 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.





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

LI TYP. Wave TPI

Design Crit: TPI-1995 (STD)/FBC

Scale = .25" / Ft.

TC LL	20.0 PSF	REF	R487 - -	16292
TC DL	10.0 PSF	DATE	09/01/05	
BC DL	10.0 PSF	DRW	HCUSR487	05244064
BC LL	0.0 PSF	HC-ENG	JB/AF	*
TOT.LD.	40.0 PSF	SEQN	-	27260
DUR.FAC.	1.25			
SPACING	24.0"	JREF	-	1S03487_Z04

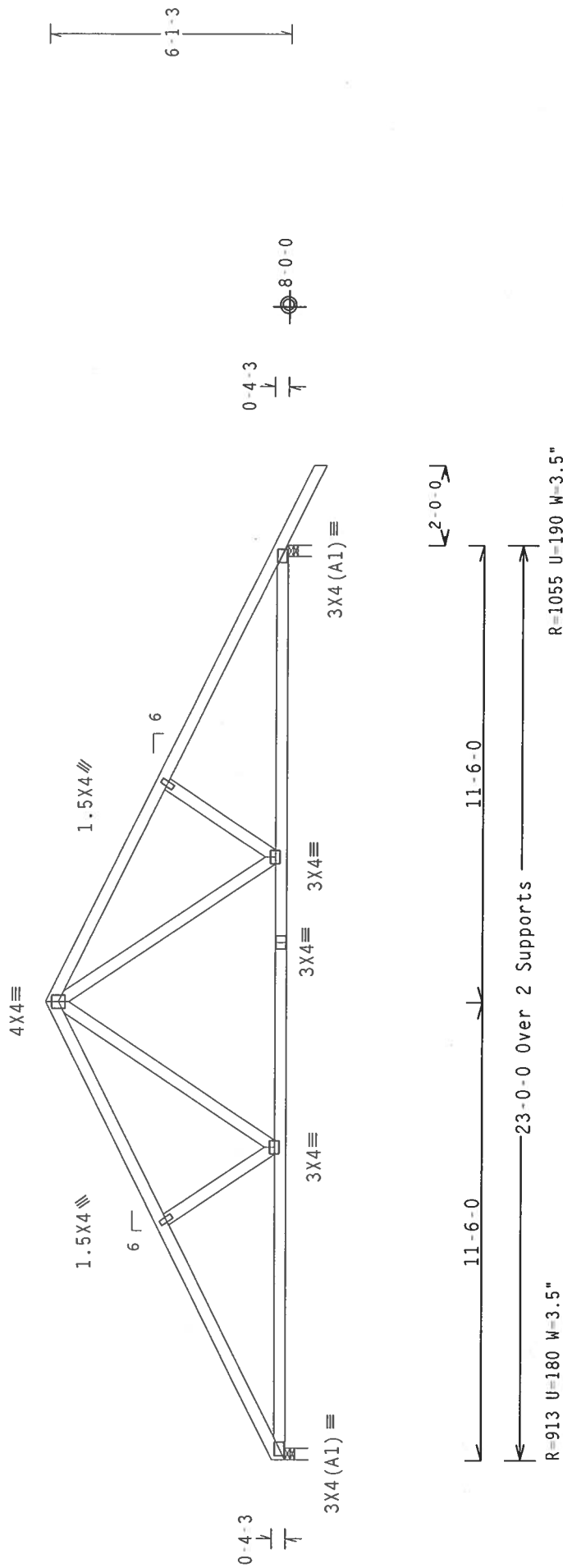
ARTHUR R. FISHER
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
REL. 01-05

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFIO 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. 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. CONNECTOR PLATES ARE MADE TO SPECIFICATIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE SPECIFIED, POSITION PER DRAWINGS T604-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANS/1000 SEC. 2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE CROSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANS/1000 SEC. 2.

110 mph wind, 10.72 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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



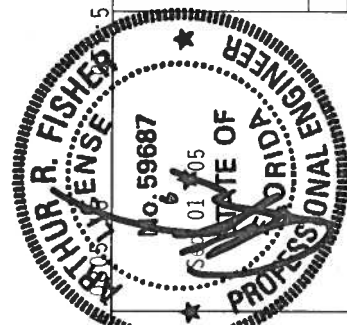
PLT TYP. Wave TPI

Design Crit: TPI-1995 (STD)/FRC

CONFIDENTIAL

2019-2020

TC LL	20.0	PSF	REF	R487--	16293
TC DL	10.0	PSF	DATE	09/01/05	
BC DL	10.0	PSF	DRW	HCUSR487	05244083
BC LL	0.0	PSF	HC-ENG	JB/AF	
TOT.LD.	40.0	PSF	SEQN-	27263	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	1S03487	Z04



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FL Certificate of Authorization # 567

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

SPECIAL LOADS

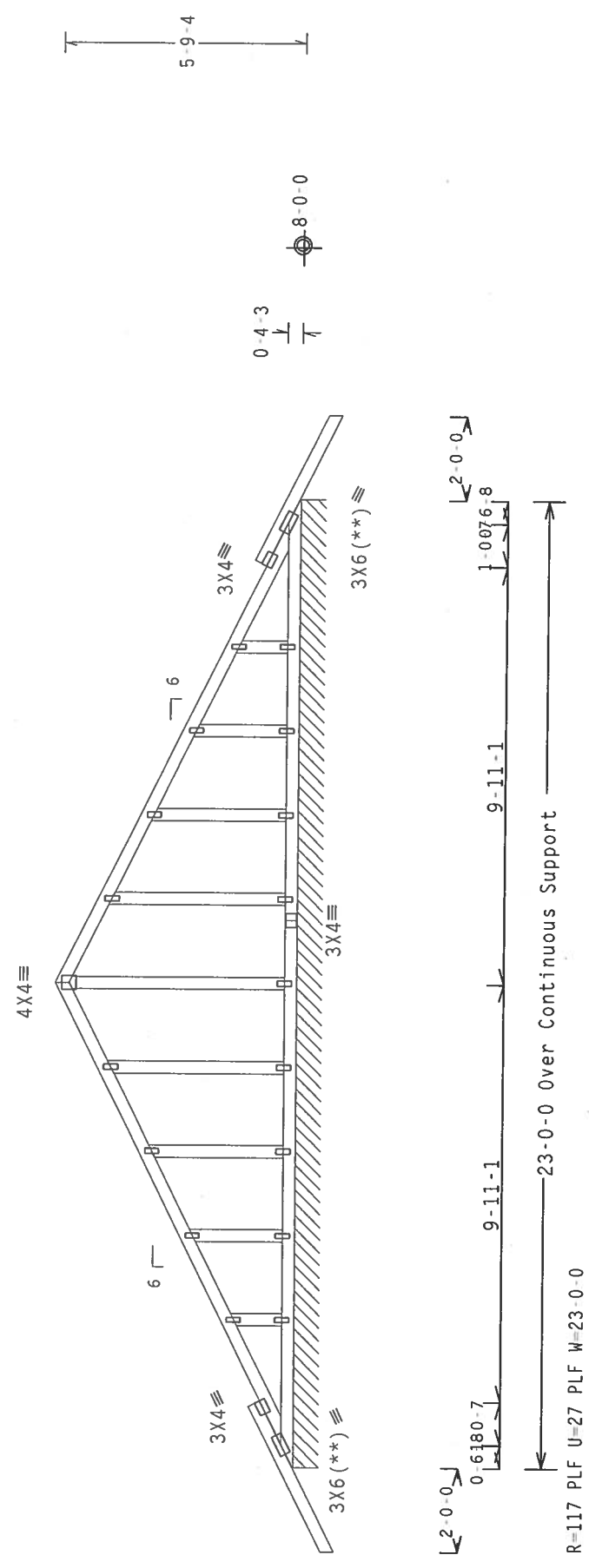
----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 82 PLF at -2.00 to 82 PLF at 25.00
BC - From 4 PLF at -2.00 to 4 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 23.00
BC - From 4 PLF at 23.00 to 4 PLF at 25.00

(**) Plate relocated as shown.

110 mph wind, 10.56 ft mean hgt, ASCE 7-98, CLOSED bldg, located anywhere in roof, CAT II, EXP 8, wind TC DL-5.0 psf, wind BC DL-5.0 psf.

See DWGS A11015EC1103 & GBLLETIN0405 for more requirements.

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



Note: All Plates Are 1.5X4 Except As Shown.

ALI TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04

FL/-3/-/-R/-

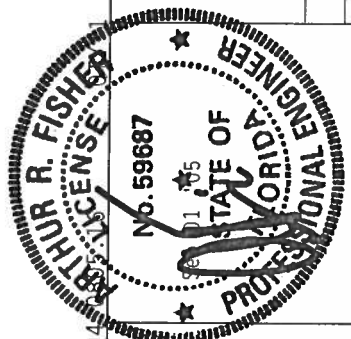
Scale = .25" / Ft.

TC LL	20.0 PSF	REF	R487-- 16294
TC DL	10.0 PSF	DATE	09/01/05
BC DL	10.0 PSF	DRW	HCUSR487 05244044
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	40.0 PSF	SEQN	27319
DUR.FAC.	1.25		
SPACING	24.0"	JREF	1503487_Z04

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 583 D'ONOFIO 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, INCORPORATED SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS TO THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

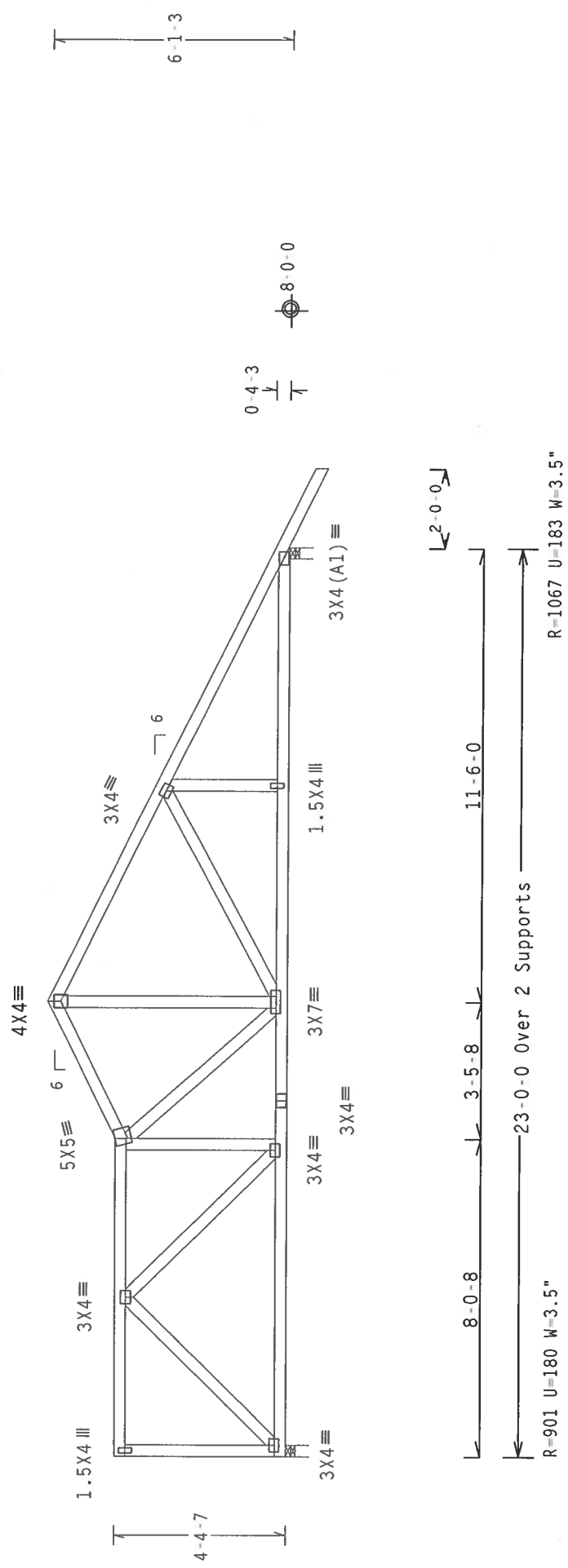


Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 10.72 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

Left end vertical not exposed to wind pressure.



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

Scale = .25" / Ft.

TC LL	20.0 PSF	REF	R487--	16295
TC DL	10.0 PSF	DATE	09/01/05	
BC DL	10.0 PSF	DRW	HCUSR487	05244080
BC LL	0.0 PSF	HC-ENG	JB/AF	*
TOT.LD.	40.0 PSF	SEQN-	27302	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1SQ3487_Z04	

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

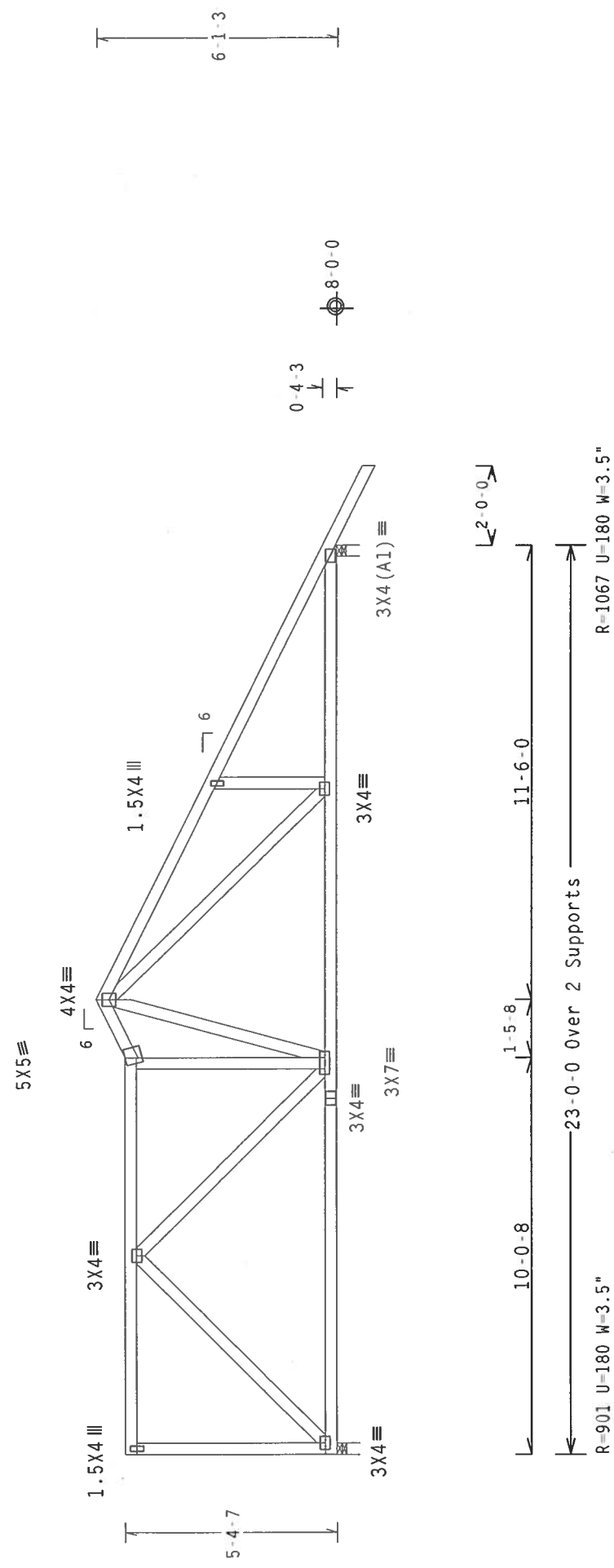
ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

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 2017/16GA (M-11/57X) ASTM A653 GRADE 40/60 (M. K7H-S) GALV. STEEL. APPLY ANY INSPECTION OF PLATES, TRUSSES, OR STRUCTURES, UNLESS OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 160A-2: A SEAL ON THIS DESIGN INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS COMPONENT BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

F-1 Certificate of Authorization # 56/	GRACING	24-0	JNEL - TS0348/-Z04
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Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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

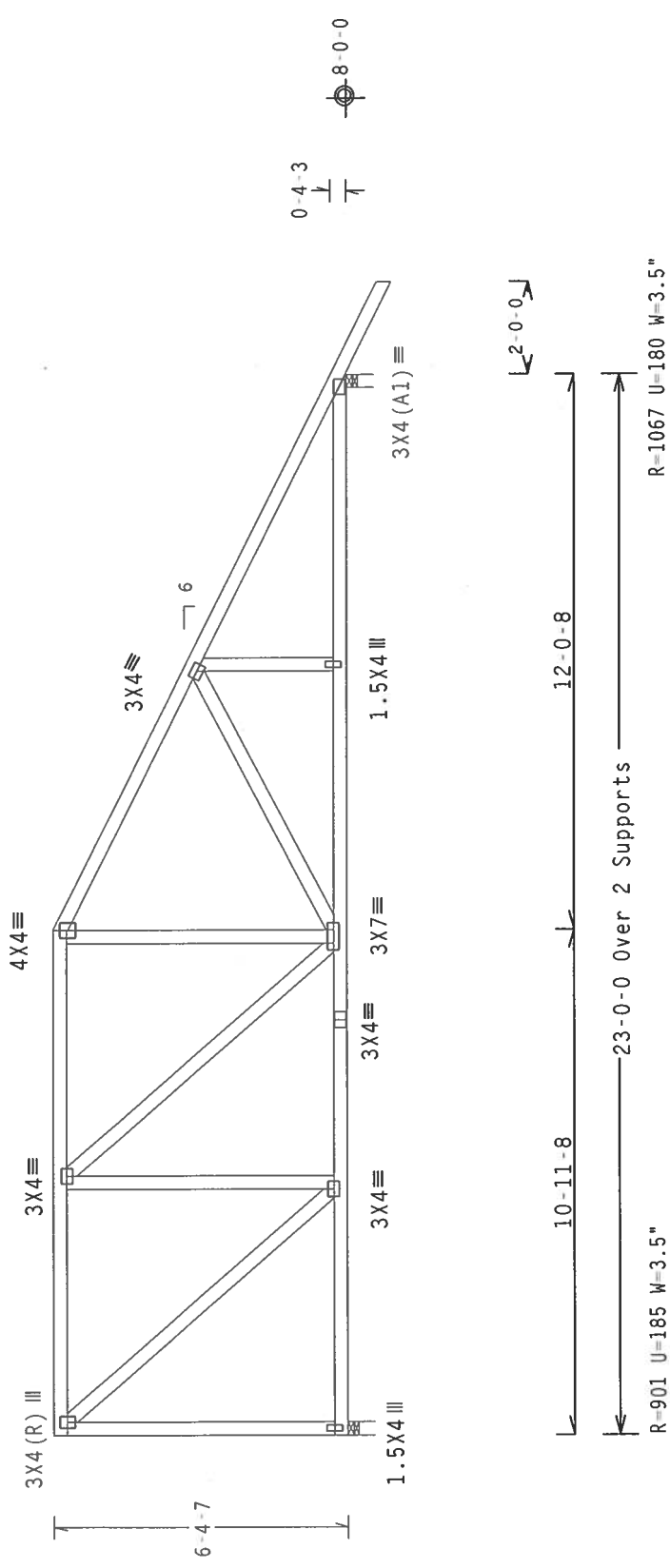


PLT TYP. Wave TPI	 Alpine Engineering Products, Inc. 1950 Mare Drive Haines City, FL 33844	Design Crit: TPI-1995(STD)/FBC 7.0.0 **WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. TO BE USED IN BUILDING COMPONENTS. SAFETY INFORMATION: THESE TRUSSES ARE DESIGNED TO BE USED IN BUILDING COMPONENTS. THESE TRUSSES ARE NOT TO BE USED FOR SAFETY PURPOSES 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 CONNECTOR PLATES ARE MADE OF 2018/16GA (W./H./S./K) ASTM A653 GRADE 40/60 (W./H./S.) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-72. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL OR THIS BRAMMING 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/-/3/-/-/R/- Scale = .25" / Ft. REF R487 - - 16297 DATE 09/01/05 DRW HCUR487 05244081 HC-ENG JB/AF SEQN- 27303 DUR.FAC. 1.25 SPACING 24.0"
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Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 10.86 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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



PLT TYP. Wave TPI	Design Crit: TPI-1995 (STD)/FBC	7.0	FL / - / 3 / - / - / R / -	Scale = .25" / Ft.
				REF R487 -- 16298
				DATE 09/01/05
				DRW HCUSR487 05244079
				HC-ENG JB/AF
				SEQN- 27301
				DUR.FAC. 1.25
				SPACING 24.0"
				JREF- 1S03487_Z04

ALPINE

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

FL Certificate of Authorization # 587

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ORFORD DR., SUITE 200, MADISON, WI 53719), AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6000 WINTERGLEN LN., MADISON, WI 53719) FOR SAFETY PRACTICES. ALL TRUSSES AND BOTTOM CHORDS 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 A BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AFPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (M-H/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-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DESIGNING SHOWS THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

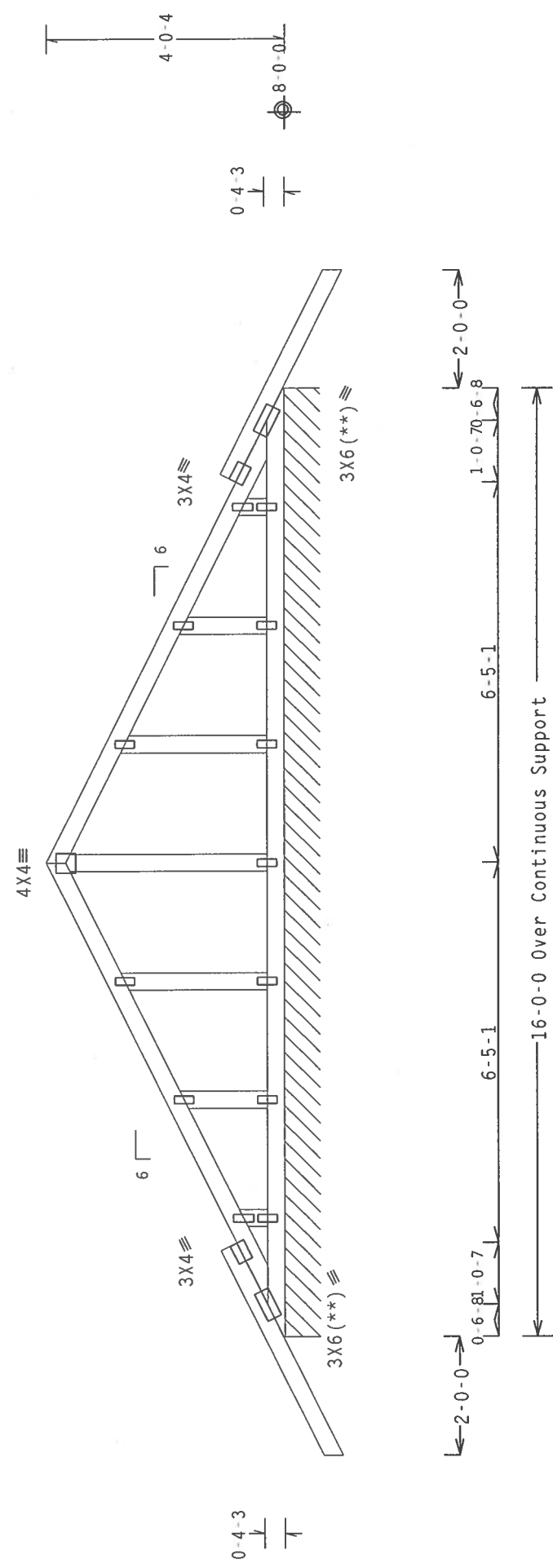
110 mph wind, 9.68 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

See DWGS A11015EC1103 & GBLLETIN0405 for more requirements.

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

- SPECIAL LOADS
- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
- TC - From 82 PLF at -2.00 to 82 PLF at 18.00
 - 3C - From 4 PLF at -2.00 to 4 PLF at 0.00
 - 3C - From 20 PLF at 0.00 to 20 PLF at 16.00
 - 3C - From 4 PLF at 16.00 to 4 PLF at 18.00

(**) Plate relocated as shown.



Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave TPI

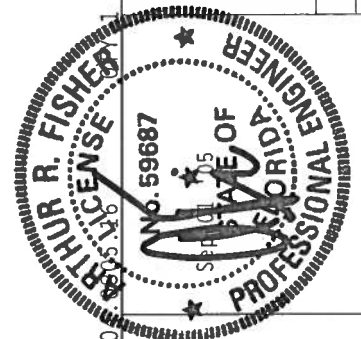
Design Crit: TPI-1995(STD)/FBC

7.0

FL/-3/-/-R/-

Scale = .375"/Ft.

REF	R487--	16299
DATE	09/01/05	
DRW	HCUSR487	05244053
HC-ENG	JB/AF	
SEQN-	27313	
DUR.FAC.	1.25	
SPACING	24.0"	
JREF	1S03487_Z04	



ALPINE

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

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 AND BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC, BY AISC) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/166A (N-H/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. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

Top chord 2x4 SP #2 Dense
Bot chord 2x6 SP #1 Dense
Webs 2x4 SP #3

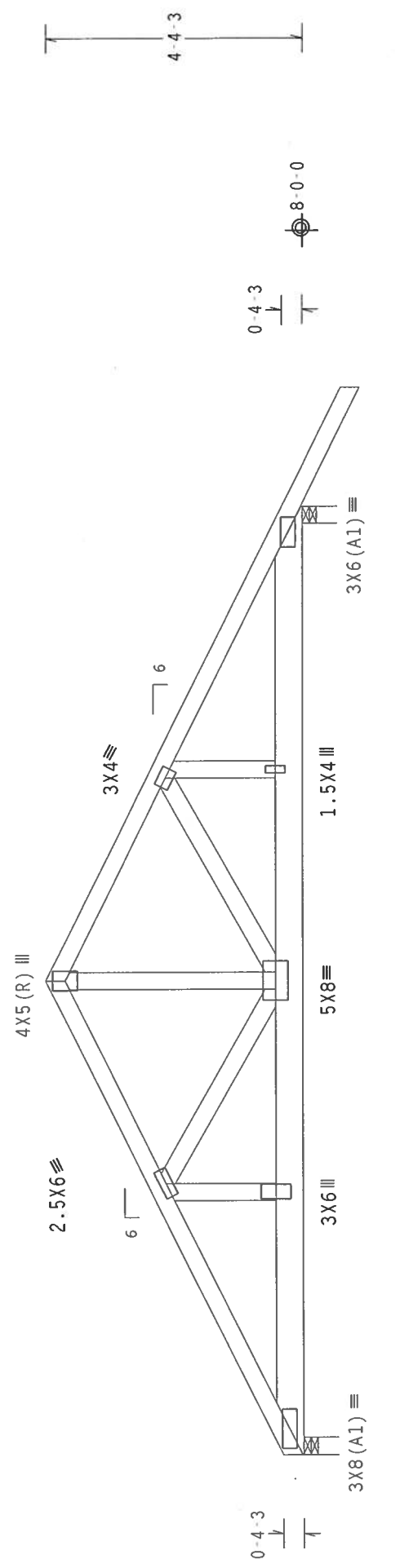
SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 60 PLF at 0.00 to 60 PLF at 18.00
3C - From 20 PLF at 0.00 to 20 PLF at 16.00
3C - From 4 PLF at 16.00 to 4 PLF at 18.00
3C - 1182 LB Conc. Load at 0.94, 2.94, 4.94, 6.94
3C - 2489 LB Conc. Load at 8.94

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

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d Box or Gun (0.128"x3.25", min.) nails)
Top Chord: 1 Row @ 12.00" o.c.
Bot Chord: 1 Row @ 3.25" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.
110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.



8'-0-0
16'-0-0 Over 2 Supports
8'-0-0
R=5334 U=1022 W=3.5"
R=3293 U=723 W=3.5"

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.00

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

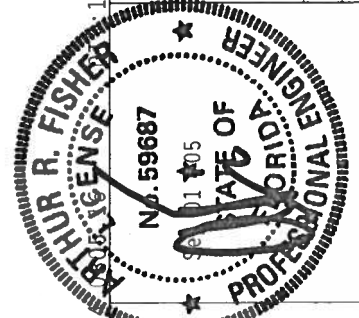
Scale =.375"/Ft.

TC LL	20.0 PSF	REF	R487--	16300
TC DL	10.0 PSF	DATE	09/01/05	
BC DL	10.0 PSF	DRW	HCUSR487	05244084
BC LL	0.0 PSF	HC-ENG	JB/AF	
TOT.LD.	40.0 PSF	SEQN-	27264	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1S03487_Z04	

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI'S 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 2018/16GA (M-N/S/K) ASTM A653 GRADE 40/60 (M, N/H-S) GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DESIGN SHOWS THE ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT BUILDING DESIGNER PER ANNEX 1 SEC. 2.



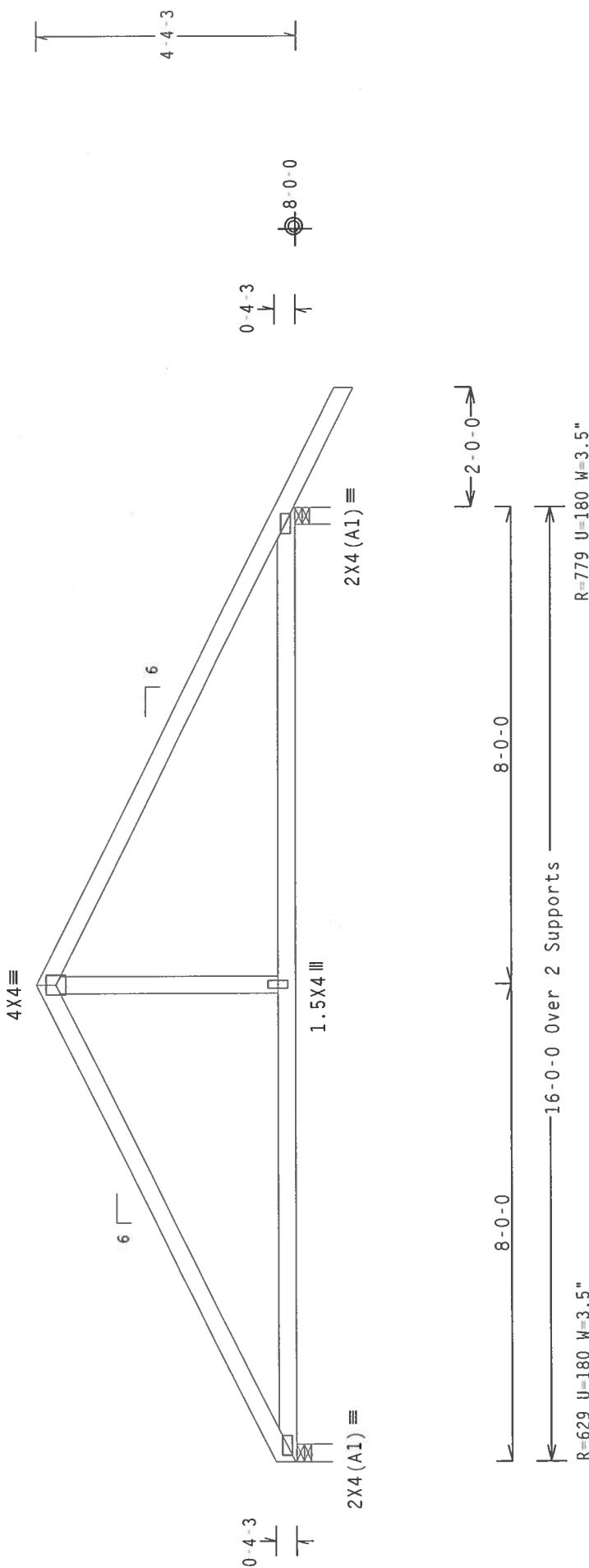
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567



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

110 mph wind, 9.85 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

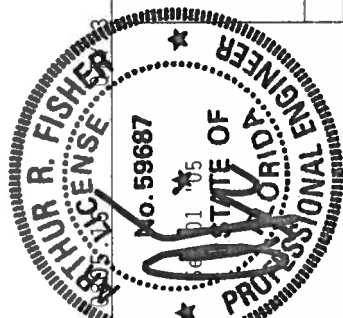
FL/-3/-/-R/-

Scale = .375" / Ft.

Alpine Engineering Products, Inc.
1930 Mary Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719), AND MICA (MIDWESTERN INSTITUTE OF CONSTRUCTION, 1000 N. LAKE ST., CHICAGO, IL 60610) FOR THE LATEST REVISIONS OF THESE STANDARDS. ALL TRUSSES MUST BE PROPERLY ATTACHED TO THE STRUCTURE AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED PLATE CEILING.

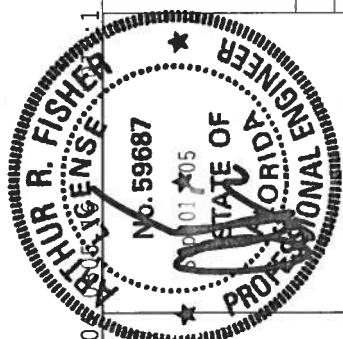
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/166A (W.H/S/K) ASIM A653 GRADE 40/60 (W, K/H.S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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--	16301
DATE	09/01/05	
DRW	HCUSR487	05244074
HC-ENG	JB/AF	*
SEQN	27261	
JREF	1503487_Z04	

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



PLT TYP. Wave TPI	 Alpine Engineering Products, Inc. 1950 Marley Drive Haines City, FL 33844 FL Certificate of Authorization # 567	**WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 983 D ORFORD DR., SUITE 200, MAISON, WI 53419) AND AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC., 500 N. MICHIGAN, CHICAGO, IL 60610) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE OPERATIONS. UNLESS OTHERWISE INDICATED, ALL CHORDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. **IMPORTANT** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD OR INSTALL IN ACCORDANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLER. THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC.) DESIGN SPECIFICATION FOR STEEL BUILDINGS, 13TH EDITION, 2005, AND THE AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC.) SPECIFICATION FOR STRUCTURAL STEEL CONNECTIONS, 4TH EDITION, 2005. APPLY CORRELATION PLATES ARE MADE OF 70/18/16GA (W 16 X 16) ASTM A575 GRADE 40/60 (W 16 X 16) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE ALLOWED ON THIS DESIGN, POSITION PER DRAWINGS 160A 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMNH AS OF 1/11/2002 SEC. 2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.	Design Crit: TPI-1995(STD)/FBC 7.00	FL / - 3 / - / - R / -	Scale = .375" / Ft.
				TC LL 20.0 PSF	REF R487 - - 16302
				TC DL 10.0 PSF	DATE 09/01/05
				BC DL 10.0 PSF	DRW HCUSR487 05244047
				BC LL 0.0 PSF	HC-ENG JB/AF *
				TOT.LD. 40.0 PSF	SEQN- 27270
				DUR.FAC. 1.25	
				SPACING 24.0"	JREF- 1SQ3487_Z04

Top chord 2x4 SP #2 Dense
Bot chord 2x6 SP #1 Dense :B2 2x6 SP #2:
Webs 2x4 SP #3

SPECIAL LOADS

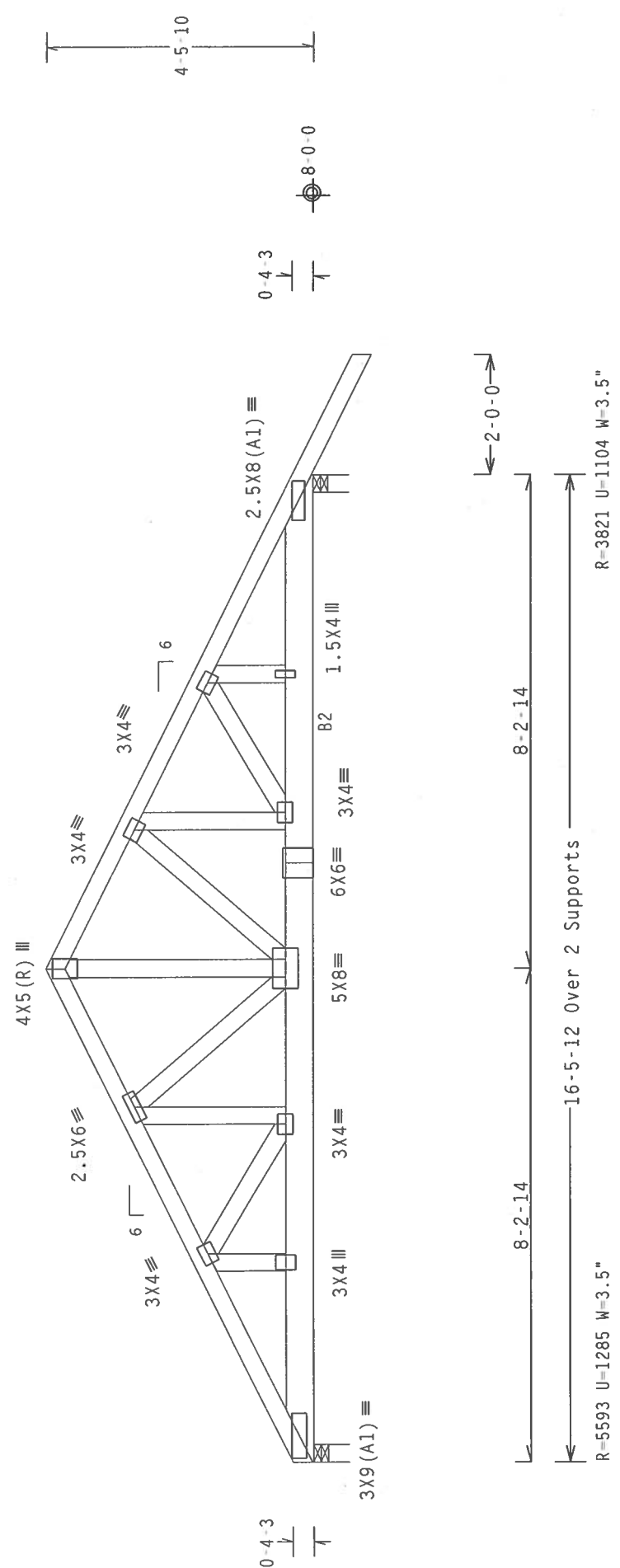
-----LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 60 PLF at 0.00 to 60 PLF at 18.48
BC - From 20 PLF at 0.00 to 20 PLF at 16.48
3C - From 4 PLF at 16.48 to 4 PLF at 18.48
3C 1232 LB Conc. Load at 1.42, 3.42, 5.42, 7.42
BC - 3038 LB Conc. Load at 9.42

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

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d Box or Gun (0.128"x3.25", min.) nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 2 Rows @ 6.00" o.c. (Each Row)
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails
in each row to avoid splitting.

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



PLT TYP. Wave TPI

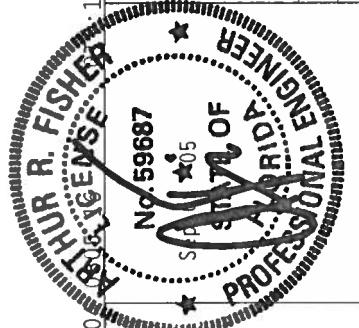
Design Crit: TPI-1995(STD)/FBC

7.0

FL/-3/-/R/-

Scale = .375"/Ft.

TC LL	20.0 PSF	REF	R487--	16303
TC DL	10.0 PSF	DATE	09/01/05	
BC DL	10.0 PSF	DRW	HCUSR487	05244055
BC LL	0.0 PSF	HC-ENG	JB/AF	
TOT.LD.	40.0 PSF	SEQN-	27278	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1S03487_Z04	



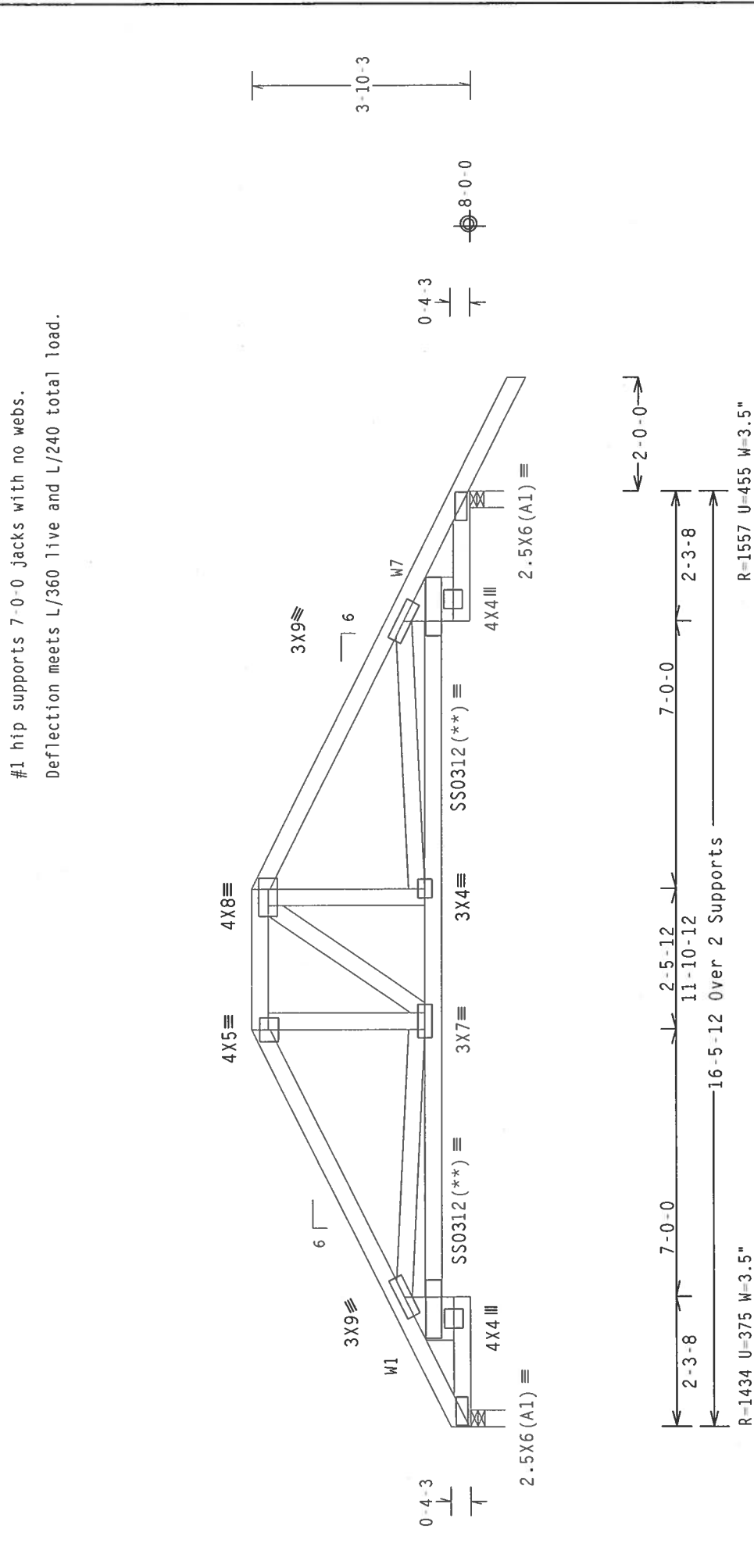
ALPINE
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1950 N. Highway 44
Haines City, FL 33844
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1950 N. Highway 44
Haines City, FL 33844
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Top chord 2x4 SP #2 Dense
3x3 chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W1, W7 2x10 SP SS:

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.

SPECIAL LOADS			
----- (LUMBER) DUR.FAC. = 1.25 / PLATE DUR.FAC. = 1.25)			
TC	- From	60 PLF at 0.00 to	60 PLF at 18.48
BC	- From	20 PLF at 0.00 to	20 PLF at 16.48
BC	- From	4 PLF at 16.48 to	4 PLF at 18.48
TC	- 131 LB	Conc. Load at	7.06, 7.42, 9.42
BC	- 520 LB	Conc. Load at	7.00, 9.48
BC	- 112 LB	Conc. Load at	7.42



PLT TYP. 18 Gauge HS, Wave TPI

Design Crit: TPI-1995 (STD)/FBC

7.00

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MAULSON, WI 53719) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 4300 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: OR FABRICATING, HANDLING, SHIPPING, OR INSTALLING A BRACING OF TRUSSES. CONNECTION PLATES ARE MADE OF 2024/16GA (IN US/MS ASTM A953 GRADE 40/60 (IN 4/16LS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A, 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF IP11-2002 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 / - / 3 / - / - / R / -		Scale = .375" / Ft.	
TC LL	20.0 PSF	REF	R487 -- 16304
TC DL	10.0 PSF	DATE	09/01/05
BC DL	10.0 PSF	DRW	HCUSR487 05244051
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT. LD.	40.0 PSF	SEON-	27325
DUR. FAC.	1.25		
SPACING	24.0"	JREF-	1SQ3487_Z04

Alpine Engineered Products, Inc.

1950 Marley Drive

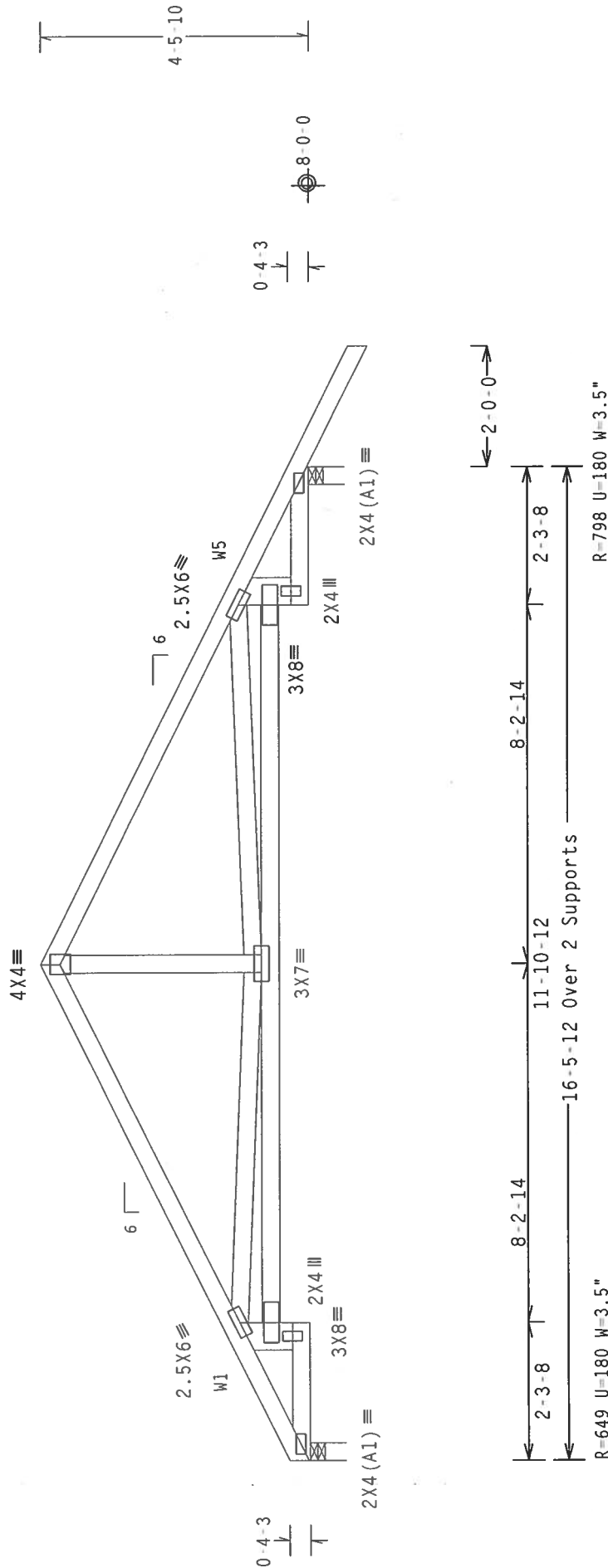
Haines City, FL 33844

FL Certificate of Authorization # 567

	Top	30t	chord	2x4	SP	#2	Dense
			chord	2x4	SP	#2 <td>Dense</td>	Dense
			webs	2x4	SP	#3	:w1, w

110 mph wind, 9.91 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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



PLT TYP. Wave TPI

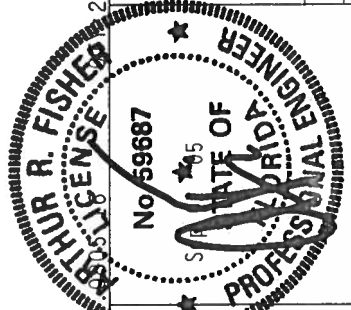
Design Crit: TPI-1995(STD)/FBC

7.

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

Scale = .375"/Ft.

TC LL	20.0 PSF	REF R487-- 16305
TC DL	10.0 PSF	DATE 09/01/05
BC DL	10.0 PSF	DRW HCUSR487 05244085
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	40.0 PSF	SEQN- 27265
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SQ3487_Z04



WARNING: TRUSSESS REQUIRING EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESS 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS PLAN INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719, AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

[illegible]

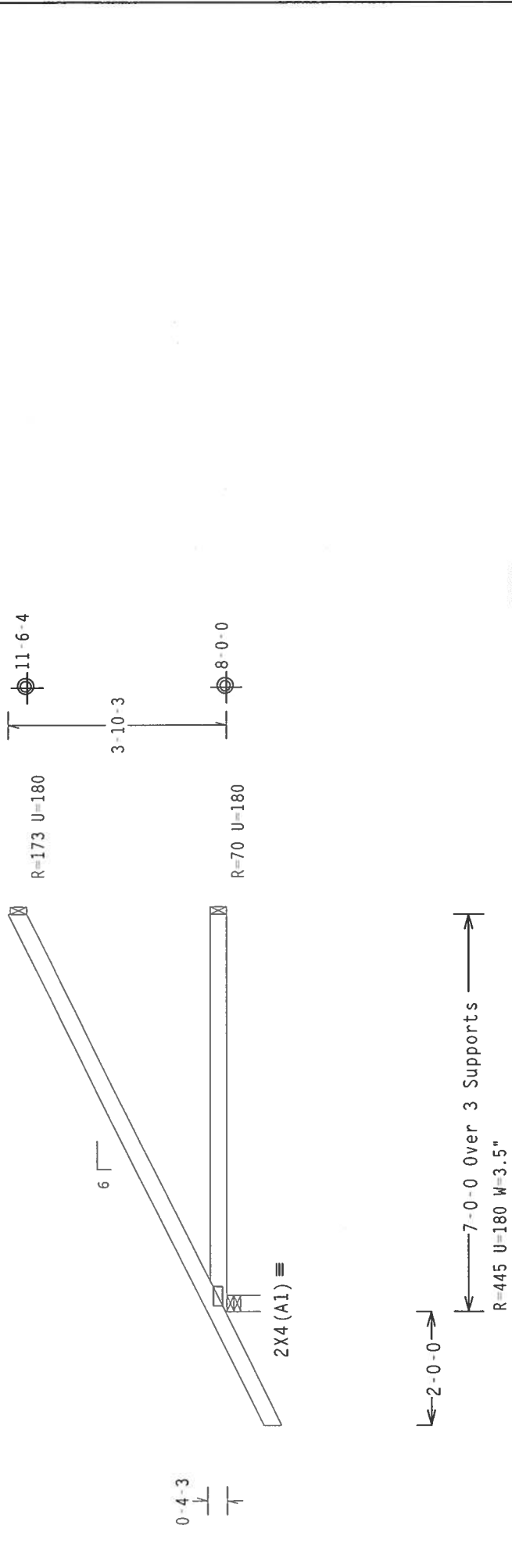
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

FL Certificate of Authorization # 567

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Deflection meets L/360 live and L/240 total load.

110 mph wind, 9.60 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

Scale = .375" / Ft.

TC LL	20.0 PSF	REF	R487--	16306
TC DL	10.0 PSF	DATE	09/01/05	
BC DL	10.0 PSF	DRW	HCUSR487	05244075
BC LL	0.0 PSF	HC-ENG	JB/AF	
TOT.LD.	40.0 PSF	SEQN-	27297	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1S03487_Z04	

ARTHUR R. FISHER
LICENSED PROFESSIONAL ENGINEER
NO. 59687
STATE OF FLORIDA
09/01/05

ALPINE
Alpine Engineered Products, Inc.
1850 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND IPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/166A (N.H/S/K) ASTM A653 GRADE 40/60 (N, P/H.S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-7. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF IPI1-2002 SEC.3. A SEAL ON THIS DESIGN 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.

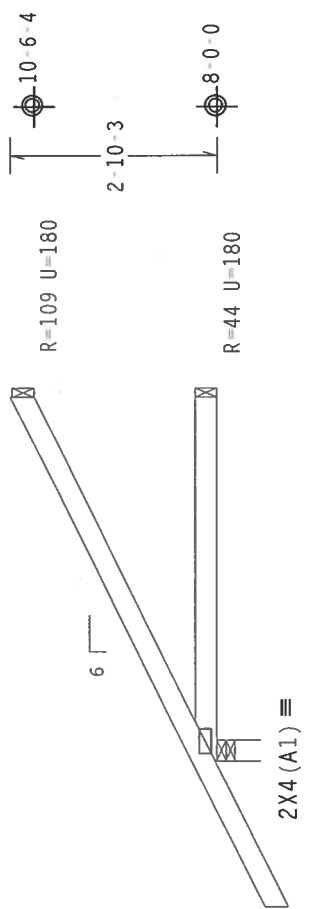
IMPORTANT TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

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

ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND IPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/166A (N.H/S/K) ASTM A653 GRADE 40/60 (N, P/H.S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-7. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF IPI1-2002 SEC.3. A SEAL ON THIS DESIGN INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

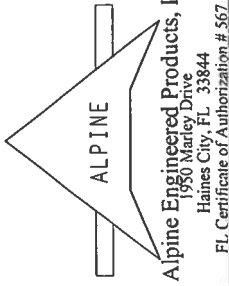
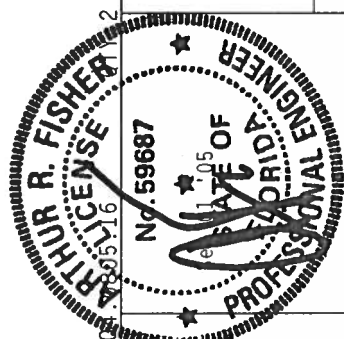
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Deflection meets L/360 live and L/240 total load.

110 mph wind, 9.10 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.



←-2-0-0→
←-5-0-0 Over 3 Supports→
R-376 U=180 W=3.5"

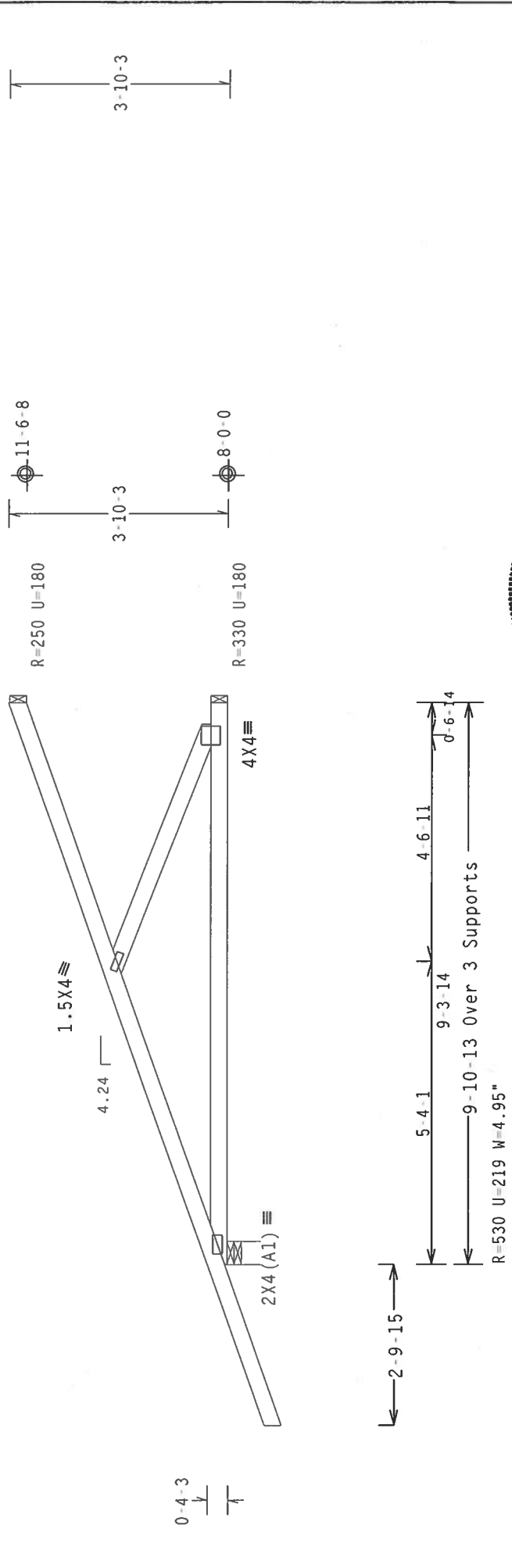
PLT TYP. Wave TPI	Design Crit: TPI-1995(STD)/FBC	7.0	FL/-3/-/-R/-	Scale = .375"/Ft.
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 563 MONROVIA DRIVE, SUITE 200, ANDERSON, SC 29625. THE USER SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION OF THE TRUSS. THE USER SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION OF THE TRUSS. THE USER SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION OF THE TRUSS.		TC LL	20.0 PSF	REF R487-- 16307
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) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/166A (4-11/16") ASTM A653 GRADE 40/60 (4-11/16") GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DESIGN SHOWS THE ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.		TC DL	10.0 PSF	DATE 09/01/05
		BC DL	10.0 PSF	DRW HCUSR487 05244072
		BC LL	0.0 PSF	HC-ENG JB/AF
		TOT.LD.	40.0 PSF	SEQN- 27295
		DUR.FAC.	1.25	
		SPACING	24.0"	JREF- 1S03487_Z04

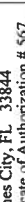


Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
webs 2x4 SP #3

Hipjack supports 7-0-0 setback jacks with no webs. Deflection meets L/360 live and L/240 total load.

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



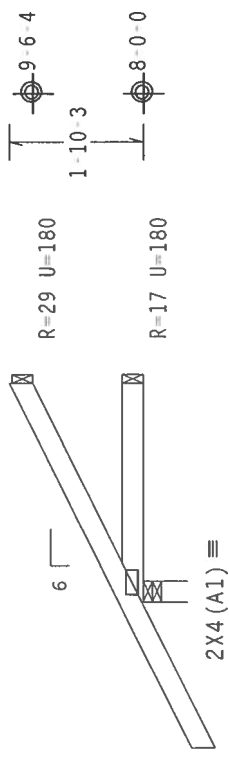
PLT TYP.	Wave	TPI	Design Crit:	TPI-1995(STD)/FBC	7.0	FL/-3/-/-R/-	Scale = .375" / Ft.
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. UNLESS OTHERWISE SPECIFIED, ALL CONNECTIONS SHALL BE WELDED TO THE BOTTOM CHORD OF THE TRUSS SYSTEM. SEE ADDITIONAL INFORMATION ON PAGES 1 THROUGH 4 FOR DETAILS OF CONNECTIONS. THE FOLLOWING ARE THE MINIMUM REQUIREMENTS FOR THE TRUSS SYSTEM: CONNECTIONS: WELDING SHALL BE DONE BY A QUALIFIED WELDER TO THE STANDARD SPECIFICATION FOR STRUCTURAL STEEL WELDING, M.I. 537.19) FOR SAFETY PRINCIPLES 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 MDOS (NATIONAL DESIGN SPEC., BY AFAPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W./H./K) ASTM A653 GRADE 40/60 (M./V.H.S.) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES APPROPRIATE PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.							
 Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844							
FL Certificate of Authorization # 567							

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

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

110 mph wind, 8.60 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP 8, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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



3-0-0 Over 3 Supports
R-322 U=180 W=3.5"

PLT TYP. Wave TPI	Design Crit: TPI-1995(STD)/FBC	7.0	FL/-/3/-/-/R/-	Scale = .375" / Ft.
ALPINE	ARTHUR R. FISHER No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER	TC LL	20.0 PSF	REF R487 - - 16309
ALPINE	ARTHUR R. FISHER No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER	TC DL	10.0 PSF	DATE 09/01/05
ALPINE	ARTHUR R. FISHER No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER	BC DL	10.0 PSF	DRW HCUSR487 05244073
ALPINE	ARTHUR R. FISHER No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER	BC LL	0.0 PSF	HC-ENG JB/AF
ALPINE	ARTHUR R. FISHER No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER	TOT.LD.	40.0 PSF	SEQN- 27296
ALPINE	ARTHUR R. FISHER No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER	DUR.FAC.	1.25	
ALPINE	ARTHUR R. FISHER No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER	SPACING	24.0"	JREF - 1S03487_Z04

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'AMORIO DR., SUITE 200, MADISON, WI 53719), AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 INTERPRISE LN., FARMERSBURGH, NY 11731) FOR PROPER PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORDS 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: ON FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/166A (N-H/SIX) ASTM A653 GRADE 40/60 (M, K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACT OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-7. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 7.

Alpine Engineered Products, Inc.
1150 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

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

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

110 mph wind, 8.60 ft mean hgt, ASCE 7-98, CLOSED bldg, Located
anywhere in roof, CAT II, EXP 8, wind TC DL=5.0 psf, wind BC DL=5.0
psf.

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



Design Crit: TPI-1995(STD)/FBC

PLT TYP. Wave TPI

Scale = .375" / Ft.

TC LL	20.0 PSF	REF R487 --	16310
TC DL	10.0 PSF	DATE	09/01/05
BC DL	10.0 PSF	DRW HCUSR487	05244048
BC LL	0.0 PSF	HC-ENG JB/AF	*
TOT.LD.	40.0 PSF	SEQN-	27271
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1S03487_Z04

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

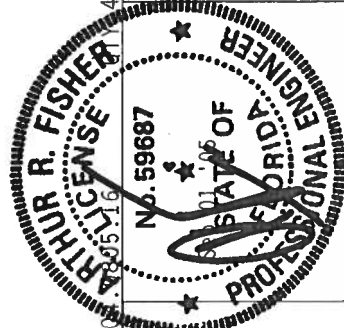
Scale = .375" / Ft.

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

Scale = .375" / Ft.

PLT TYP. Wave TPI



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

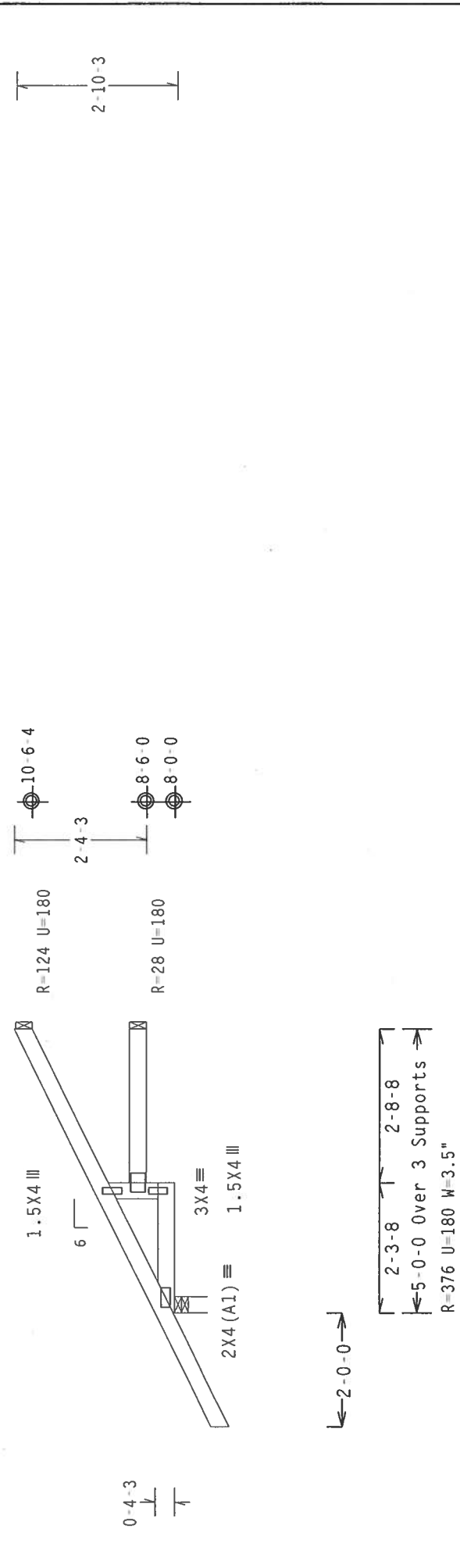
ALPINE

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

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

110 mph wind, 9.10 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

Scale = .375"/Ft.

REF	TC LL	20.0 PSF	FL/-/3/-/R/-
R487--	TC DL	10.0 PSF	16311
DATE	BC DL	10.0 PSF	09/01/05
DRW	BC LL	0.0 PSF	HCUSR487 05244057
HC-ENG	TOT.LD.	40.0 PSF	JB/AF
SEQN-	DUR.FAC.	1.25	27280
JREF-	SPACING	24.0"	1S03487_Z04

ARTHUR R. FISHER
No 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER

ALPINE
Alpine Engineered Products, Inc.
1050 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

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 AFPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (M.N/S/X) ASIM 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 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGNER. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

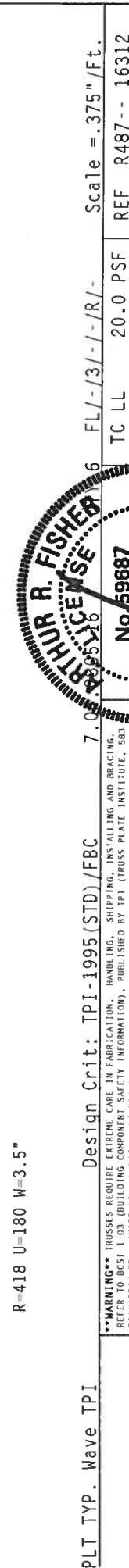
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

110 mph wind, 8-10 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

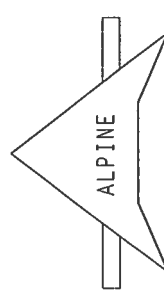
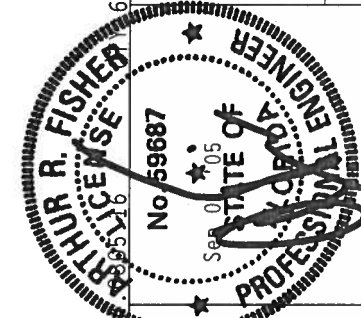
Deflection meets L/360 live and L/240 total load.

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

* PROVIDE CONNECTION FOR 191# UP OR DOWN AT A 1.25 DURATION FACTOR.



PLT TYP. Wave TPI	Design Crit: TPI-1995(STD)/FBC	7.0	Scale = .375"/Ft.
TC LL	20.0 PSF	REF	R487-- 16312
TC DL	10.0 PSF	DATE	09/01/05
BC DL	10.0 PSF	DRW	HCUSR487 05244049
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	40.0 PSF	SEQN-	27272
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SQ3487_Z04

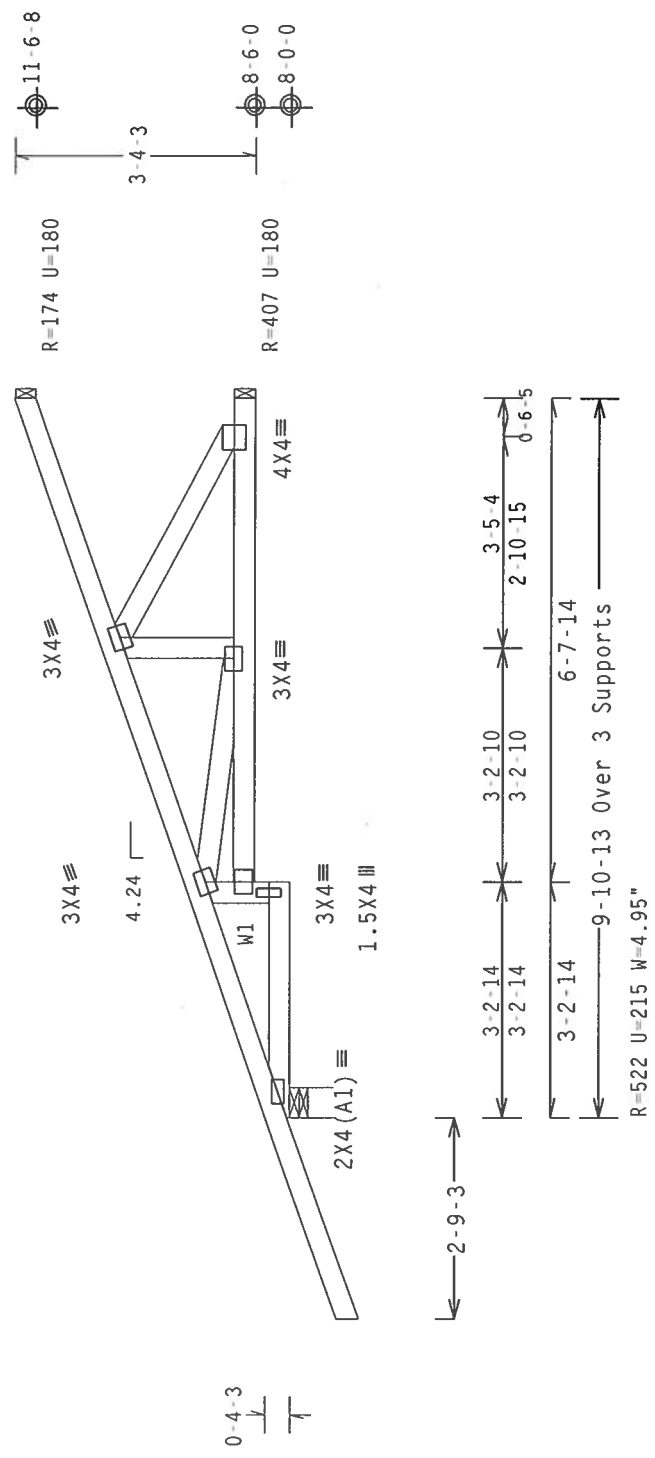


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Haines City, FL 33844
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Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W1 2x4 SP #2 Dense:

Hipjack supports 7-0-0 setback jacks with no webs. Deflection meets L/360 live and L/240 total load.

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



PLT TYP. Wave TPI



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Design Crit: TPI-1995(STD)/FBC

7.0

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 581 D'ONOFIO DR., SUITE 200, MADISON, WI 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6700 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 TRUSS TO THE SPECIFICATIONS, INCLUDING THE BRACING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS AND, IN ADDITION, DESIGN SPEC. (SEE LIST) SHALL APPLY TO CONNECTION PLATES ARE MADE OF 20218/16GA (H-/V/S/K) ASTM A653 GRADE 40/60 (H-/K/V/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE CALLED OUT ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

FL/13/1-R/-

2

FL/13/1-R/-

Scale = .375" / Ft.

REF R487 - 16313

DATE 08/31/05

DRW HCUSR487 05243046

HC-ENG DF/AF

SEQN- 4902

TOT.LD. 40.0 PSF

DUR. FAC. 1.25

SPACING 24.0"

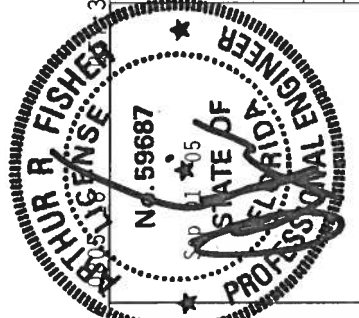
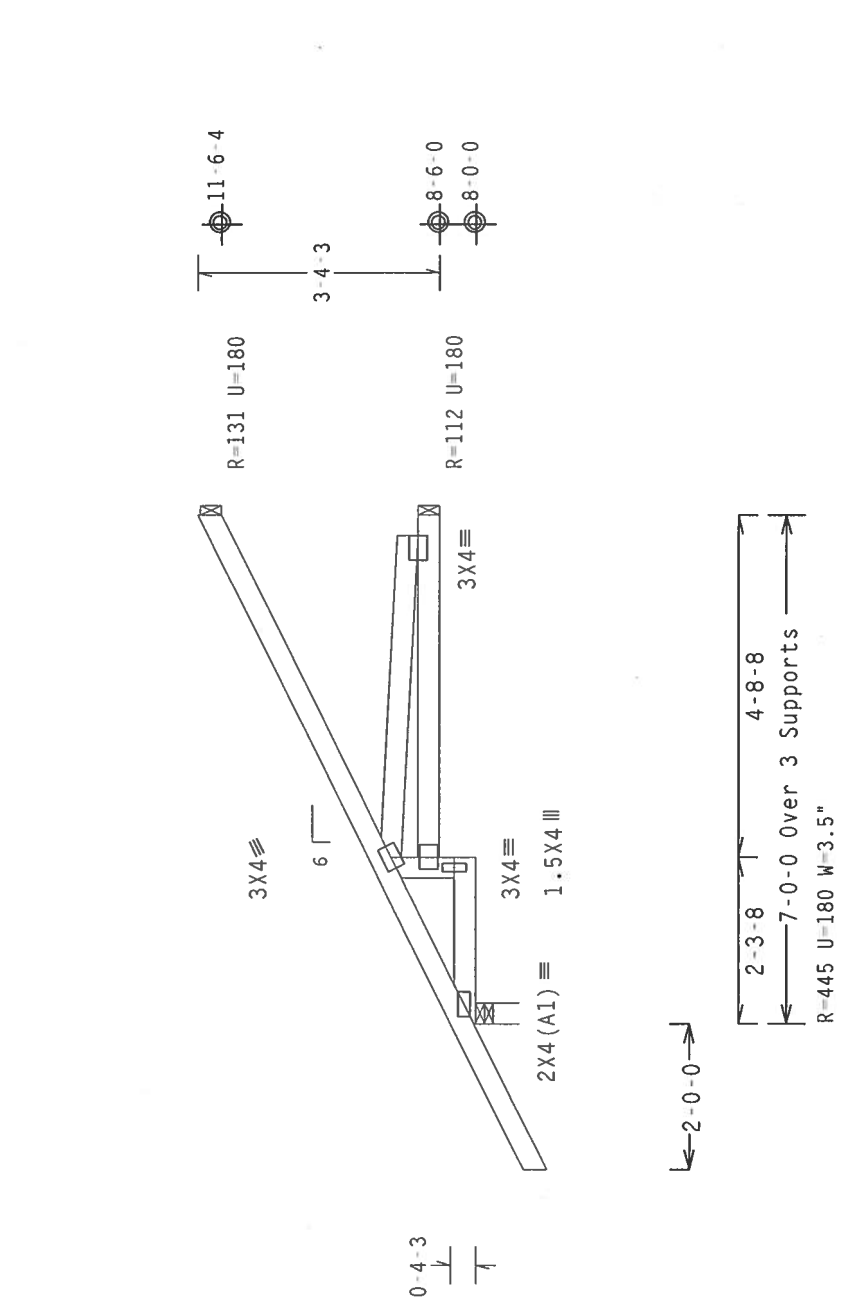
JREF - 1S03487_Z04

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

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

110 mph wind, 9.60 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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



PLT TYP., Wave TPI	Design Crit: TPI-1995(STD)/FBC	7.0	FL/-/3/-/R/-	Scale = .375"/Ft.
			TC LL	20.0 PSF
			TC DL	10.0 PSF
			BC DL	10.0 PSF
			BC LL	0.0 PSF
			TOT.LD.	40.0 PSF
			DUR.FAC.	1.25
			SPACING	24.0"
			REF	R487-- 16314
			DATE	09/01/05
			DRW	HCUSR487 05244059
			HC-ENG	JB/AF
			SEQN-	27282
			JREF-	1S03487_Z04

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 950 D'AMORE DR., SUITE 200, MADISON, WI 53719), AND MECA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719), FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/166A (W-H/STK) 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-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED AS OF 1/11/2002 SEC.3. A SEAL ON THIS DESIGN SHOWS THE QUALITY AND RELIABILITY OF THIS COMPONENT FOR THE TRUSS COMPONENT BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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Haines City, FL 33844
FL Certificate of Authorization # 567

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

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

110 mph wind, 9.08 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

Scale = .375"/Ft.

REF R487-- 16315

DATE 09/01/05

DRW HCUSR487 05244054

HC-ENG JB/AF

SEQN- 27277

DUR.FAC. 1.25

SPACING 24.0"

JREF- 1S03487_Z04

ALPINE

Alpine Engineered Products, Inc.

1950 Marley Drive

Haines City, FL 33844

FL Certificate of Authorization # 567

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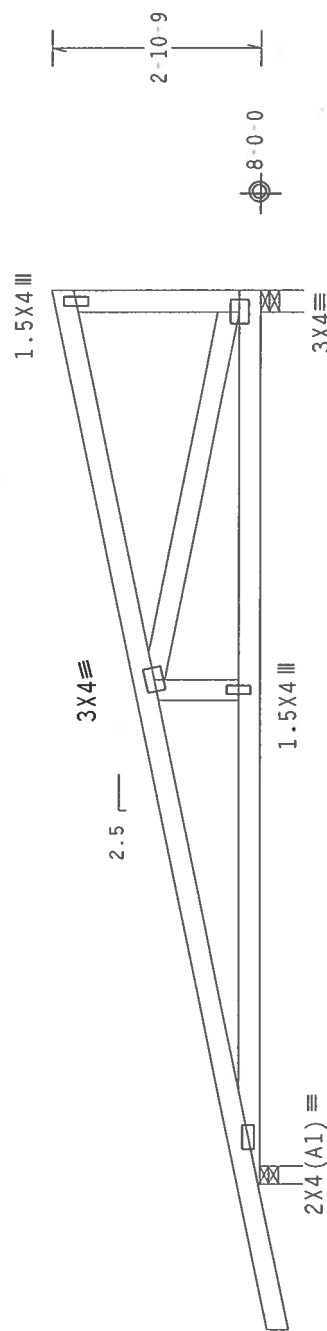
ALPINE

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

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

110 mph wind, 9.39 ft mean hgt, ASCE 7 98, CLOSED bldg, Located anywhere in roof, CAT II, EXP 8, wind TC DL-5.0 psf, wind BC DL-5.0 psf.

Right end vertical not exposed to wind pressure.

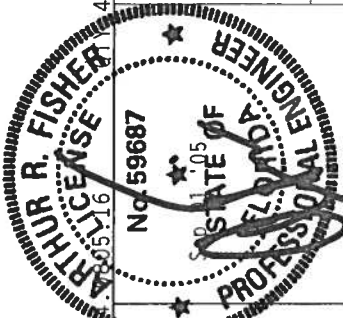


PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

Scale = .375" / Ft.

TC LL	20.0 PSF	REF	R487 -- 16316
TC DL	10.0 PSF	DATE	09/01/05
BC DL	10.0 PSF	DRW	HCUSR487 05244052
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	40.0 PSF	SEQN-	27276
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SQ3487_Z04



ALPINE

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

FL Certificate of Authorization # 567

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

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

110 mph wind, 8.92 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.



Design Crit: TPI-1995(STD)/FBC

PLT TYP. Wave TPI

Scale = .375" / Ft.

REF R487-- 16317

DATE 09/01/05

DRW HCUSR487 05244058

HC-ENG JB/AF

SEQN- 27281

DUR.FAC. 1.25

SPACING 24.0"

JREF- 1S03487_Z04

ARTHUR R. FISHER

No. 59687

STATE OF FLORIDA

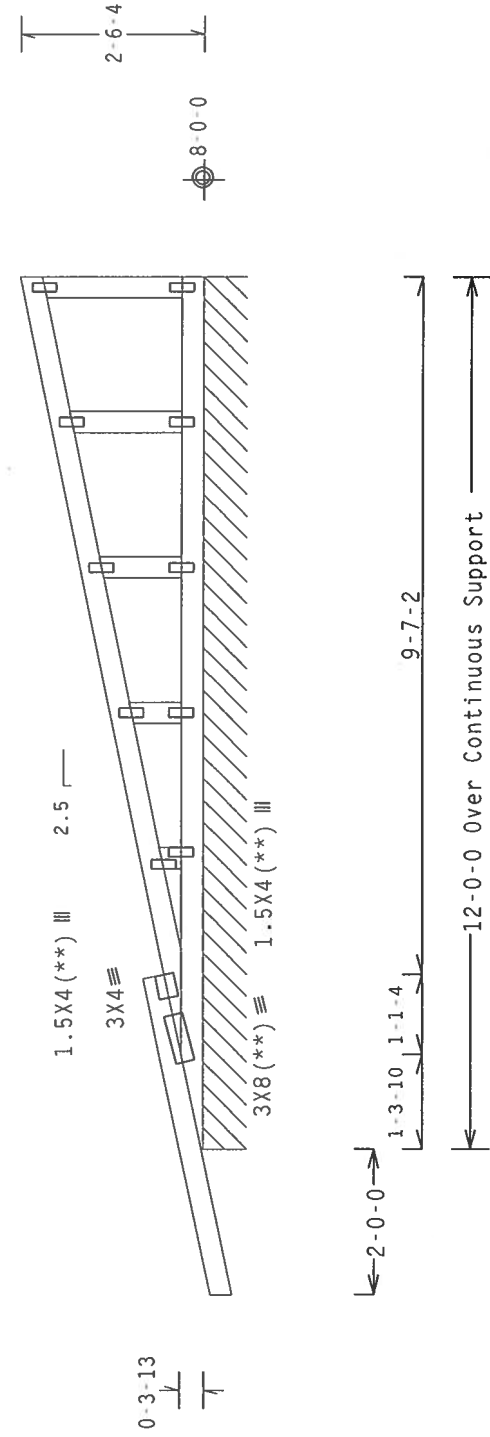
PROFESSIONAL ENGINEER

ALPINE ENGINEERED PRODUCTS, INC.

1950 Markey Drive

Haines City, FL 33844

FL Certificate of Authorization # 587



ALPINE

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

Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

Scale = .375" / Ft.

TC LL	20.0 PSF	REF	R487--	16318
TC DL	10.0 PSF	DATE	09/01/05	
BC DL	10.0 PSF	DRW	HCUSR487	05244046
BC LL	0.0 PSF	HC-ENG	JB/AF	
TOT.LD.	40.0 PSF	SEQN-	27332	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1S03487_Z04	

ARTHUR R. FISHER
No. 59687
05
STATE OF FLORIDA
PROFESSIONAL ENGINEER

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/166A (M.H/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-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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.

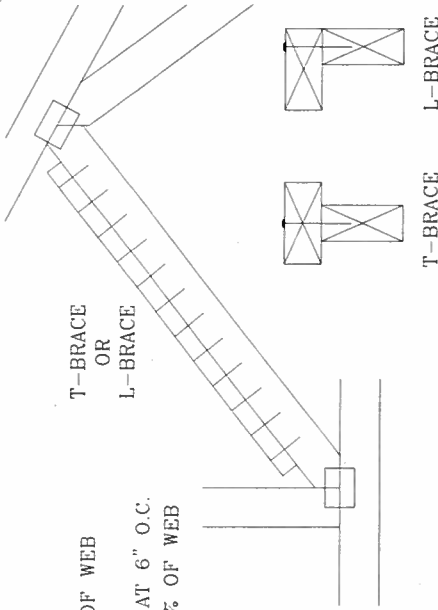
WEB MEMBER SIZE	SPECIFIED CLB BRACING	ALTERNATIVE BRACING T OR L-BRACE	SCAB BRACE
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

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.

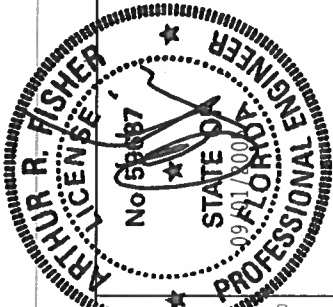
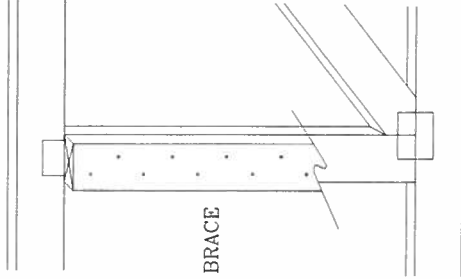
T-BRACING
OR
L-BRACING:

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



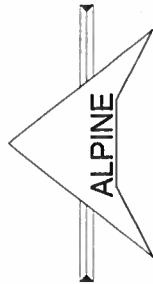
SCAB BRACING:

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



WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BUILDING. BUILDING CODES, PERMITS, INSURANCE, AND SAFETY REQUIREMENTS, PUBLISHED BY THE ALPINE TRUSS INSTITUTE, 6300 ENTERPRISE LN., MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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



ALPINE ENGINEERED PRODUCTS, INC.
POMPAHO BEACH, FLORIDA

THIS DRAWING REPLACES DRAWING 579,640

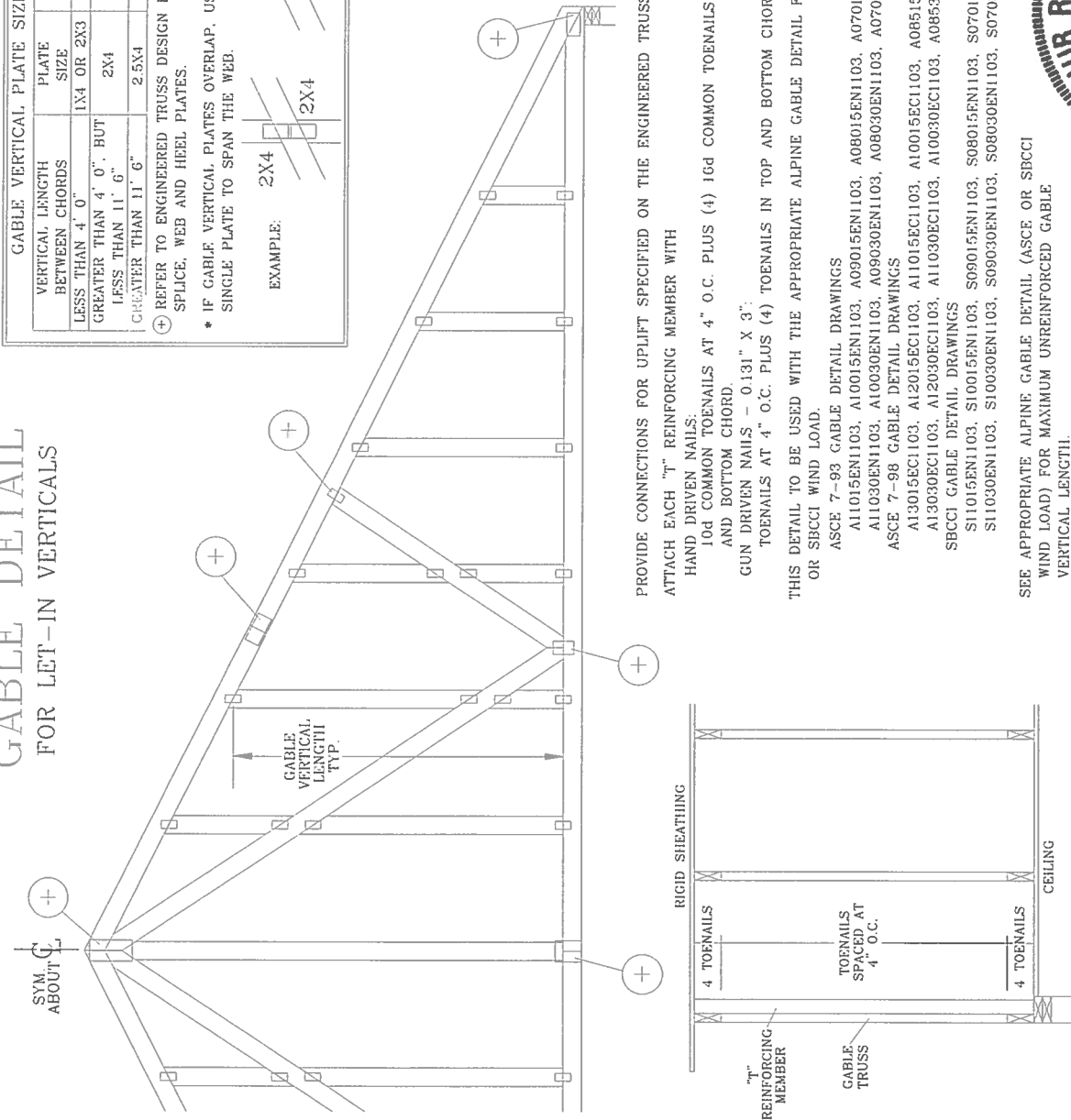
TC LL	PSF	REF	CLB SUBST.
TC DL	PSF	DATE	11/26/03
BC DL	PSF	DRWG	BRCLBSUB1103
BC LL	PSF	-ENG	MLH/KAR
TOT. LD.	PSF		
DUR. FAC.			
SPACING			

GABLE DETAIL FOR LET-IN VERTICALS

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

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

EXAMPLE: 2X4 2X8 2X4 2X8



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) 10d 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

A11015ENI103, A10015ENI103, A09015ENI103, A08015ENI103, A07015ENI103

SBCCI GABLE DETAIL DRAWINGS

A13015ECI103, A12015ECI103, A11015ECI103, A10015ECI103, A08515ECI103

SBCCI GABLE DETAIL DRAWINGS

S11015ENI103, S10015ENI103, S09015ENI103, S08015ENI103, S07015ENI103

S11030ENI103, S10030ENI103, S09030ENI103, S08030ENI103, S07030ENI103

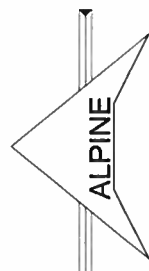
SEE APPROPRIATE ALPINE GABLE DETAIL (ASCE OR SBCCI

WIND LOAD) FOR MAXIMUM UNREINFORCED GABLE

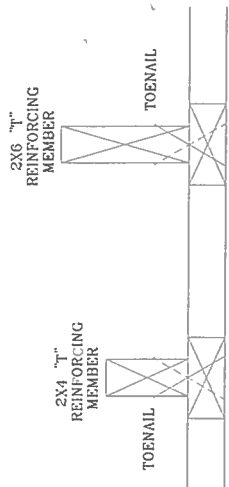
VERTICAL LENGTH

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

IMPORTANT: FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (A/H/S/K) ASTM A653 GRADE 40/60 (A/K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1604-2. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A3 OF TPI 1-2002 SEC 3.1. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF THE DESIGN. THE DESIGNER'S RESPONSIBILITY FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC 2.



ALPINE ENGINEERED PRODUCTS, INC.
 POMPANO BEACH, FLORIDA



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 MRH	"T" REINFORCING MEMBER 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"

REPLACES DRAWINGS GAB98117 876,719 & HC26294035

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"

Notice of Intent for Preventative Treatment for Termites

(As required by Florida Building Code 104.2.6)

1-23-06

exchange Lt 14 phase II

Address of Treatment or Lot/Block of Treatment)

Lake city

City)

Florida Pest Control & Chemical Co.

www.flapest.com

Product to be used: Bora-Care Termiticide (Wood Treatment)
Chemical to be used: 23% Disodium Octaborate Tetrahydrate

Application will be performed onto structural wood at dried-in stage of construction. Bora-Care Termiticide application shall be applied according to EPA registered label instructions as stated in the Florida Building Code Section 1861.1.8. Information to be provided to local building code offices prior to concrete foundation installation.)