

DATE 04/21/2006

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000024412

APPLICANT MACK ROBINSON PHONE 755-2492

ADDRESS 2426 US HIGHWAY 129 O'BRIEN FL 32071

OWNER RONALD & BRENDA MILLER PHONE 352 591-4868

ADDRESS 2144 SW BRIM STREET LAKE CITY FL 32024

CONTRACTOR MACK ROBINSON PHONE 755-2492

LOCATION OF PROPERTY 90W, TL ON PINEMOUNT, TL ON JAFUS AVE, TR ON BRIM ST,
2ND DRIVE ON LEFT

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 118250.00

HEATED FLOOR AREA 2365.00 TOTAL AREA 3555.00 HEIGHT 1 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB

LAND USE & ZONING A-3 MAX. HEIGHT 22

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

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

PARCEL ID 13-4S-15-00353-000 SUBDIVISION

LOT BLOCK PHASE UNIT TOTAL ACRES

Culvert Permit No. RB054287

EXISTING 06-0372-N BK

Driveway Connection Septic Tank Number LU & Zoning checked by

Applicant/Owner/Contractor JH

Approved for Issuance New Resident

COMMENTS: ONE FOOT ABOVE THE ROAD, NOC ON FILE

Check # or Cash 8726

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power date/app. by Foundation date/app. by Monolithic date/app. by

Under slab rough-in plumbing date/app. by Slab date/app. by Sheathing/Nailing date/app. by

Framing date/app. by Rough-in plumbing above slab and below wood floor date/app. by

Electrical rough-in date/app. by Heat & Air Duct date/app. by Peri. beam (Lintel) date/app. by

Permanent power date/app. by C.O. Final date/app. by Culvert date/app. by

M/H tie downs, blocking, electricity and plumbing date/app. by Pool date/app. by

Reconnection date/app. by Pump pole date/app. by Utility Pole date/app. by

M/H Pole date/app. by Travel Trailer date/app. by Re-roof date/app. by

BUILDING PERMIT FEE \$ 595.00 CERTIFICATION FEE \$ 17.78 SURCHARGE FEE \$ 17.78

MISC. FEES \$ 0.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ 0.00 WASTE FEE \$

FLOOD DEVELOPMENT FEES \$ FLOOD ZONE FEE \$ 25.00 CULVERT FEE \$ TOTAL FEE 705.56

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.

THIS INSTRUMENT WAS PREPARED BY:

TERRY McDAVID 03-297
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

Inst:2003012658 Date:06/17/2003 Time:14:49

Doc Stamp-Deed : 306.60

MMK DC, P. DeWitt Cason, Columbia County B:986 P:462

RETURN TO:

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

Property Appraiser's
Identification Number Part of R00353-000

WARRANTY DEED

THIS INDENTURE, made this 3 day of June, 2003, BETWEEN JAMES DAVID MURRAY, whose post office address is 631 New Castle Circle, Santa Maria, CA 93455, of the State of California, grantor*, and RONALD D. MILLER and BRENDA K. MILLER, Husband and Wife whose post office address is Post Office Box 877, Fairfield, FL 32634, of the State of Florida, grantee*.

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

SEE EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF.

SUBJECT TO: Restrictions, easements and outstanding mineral rights of record, if any, and taxes for the current year.

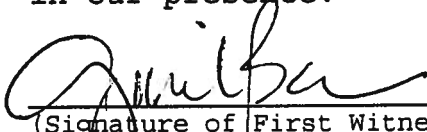
N.B.: Neither the Grantor nor any member of his family live or reside on the property described herein or any land adjacent thereto or claim any part hereof or any land adjacent thereto as their homestead.

and said grantor does hereby fully warrant the title to said land, and will defend the same against the lawful claims of all persons whomsoever.

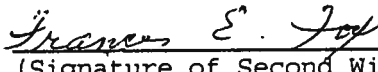
*"Grantor" and "grantee" are used for singular or plural, as context requires.

IN WITNESS WHEREOF, grantor has hereunto set grantor's hand and seal the day and year first above written.

Signed, sealed and delivered
in our presence:


(Signature of First Witness)
GINA L. BACILE
(Typed Name of First Witness)

 (SEAL)
Grantor
JAMES DAVID MURRAY
Printed Name

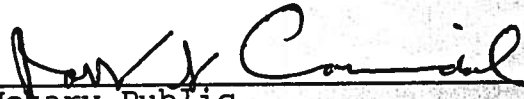

(Signature of Second Witness)
FRANCES E. FOX
(Typed Name of Second Witness)

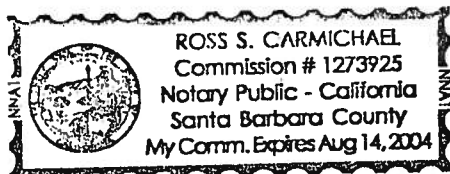
STATE OF CALIFORNIA
COUNTY OF Santa Barbara

The foregoing instrument was acknowledged before me this 3
day of June, 2003, by JAMES DAVID MURRAY, who ~~is personally known~~
~~to me~~ or who has produced California as identification and who
did not take an oath.

My Commission Expires:
(Seal)

Aug 14,
2004


Notary Public
Printed, typed, or stamped name:



Inst: 2003012658 Date: 06/17/2003 Time: 14:49

Doc Stamp-Deed : 306.60

7XK DC, P. DeWitt Cason, Columbia County B: 986 P: 464

EXHIBIT "A"

E SOUTH 1/2 OF THE NORTHEAST 1/4 OF THE NORTHEAST 1/4 OF THE NORTHWEST 1/4;
SO THE WEST 1/2 OF THE NORTHEAST 1/4 OF THE NORTHWEST 1/4, LESS AND EXCEPT
E SOUTH 60.00 FEET OF THE EAST 60.00 FEET OF SAID WEST 1/2 OF THE NORTHEAST 1/4
THE NORTHWEST 1/4, ALL LYING IN SECTION 13, TOWNSHIP 4 SOUTH, RANGE 15 EAST,
COLUMBIA COUNTY, FLORIDA.

ID LANDS BEING SUBJECT TO ROAD RIGHT OF WAYS.

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0604-28 Date Received 4-12-06 By GF Permit # 24412
 Application Approved by - Zoning Official BR Date 18.04.06 Plans Examiner OKJTH Date 4-14-06
 Flood Zone X Per SURVEY Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3
 Comments _____

Applicants Name Mark Robinson Phone 755 2492
 Address 24262 U & Hwy 129 OBuen St 32071
 Owners Name Ron + Brenda Miller Phone 352-591 4868
 911 Address 2144 SW Brum St Lake City St 32055
 Contractors Name Mark Robinson Phone 755-2492
 Address 24262 U & Hwy 129 OBuen St 32071
 Fee Simple Owner Name & Address Ronald + Brenda Miller P.O Box 877 Fairfield St 32624
 Bonding Co. Name & Address None
 Architect/Engineer Name & Address Jim Delbene (Arch) Mark Desoucy engineer
 Mortgage Lenders Name & Address None
 Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
 Property ID Number 13-45-15-00353-000 Estimated Cost of Construction \$232,000
 Subdivision Name NA Lot _____ Block _____ Unit _____ Phase _____
 Driving Directions Highway 90 west TL on CR 252 TL on Jafus Rd TR on Brum
lot on left

Type of Construction New house Number of Existing Dwellings on Property 1 new born
 Total Acreage 20 Lot Size _____ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
 Actual Distance of Structure from Property Lines - Front 225 ✓ Side 160 ✓ Side 1100 ✓ Rear 930 ✓
 Total Building Height 20 ft Number of Stories 1 Heated Floor Area 2365 Roof Pitch 6/12
Porches 517 GARAGE 673 TOTAL 3555

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.

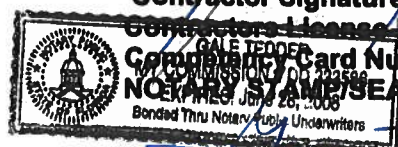
OWNERS AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning.

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.

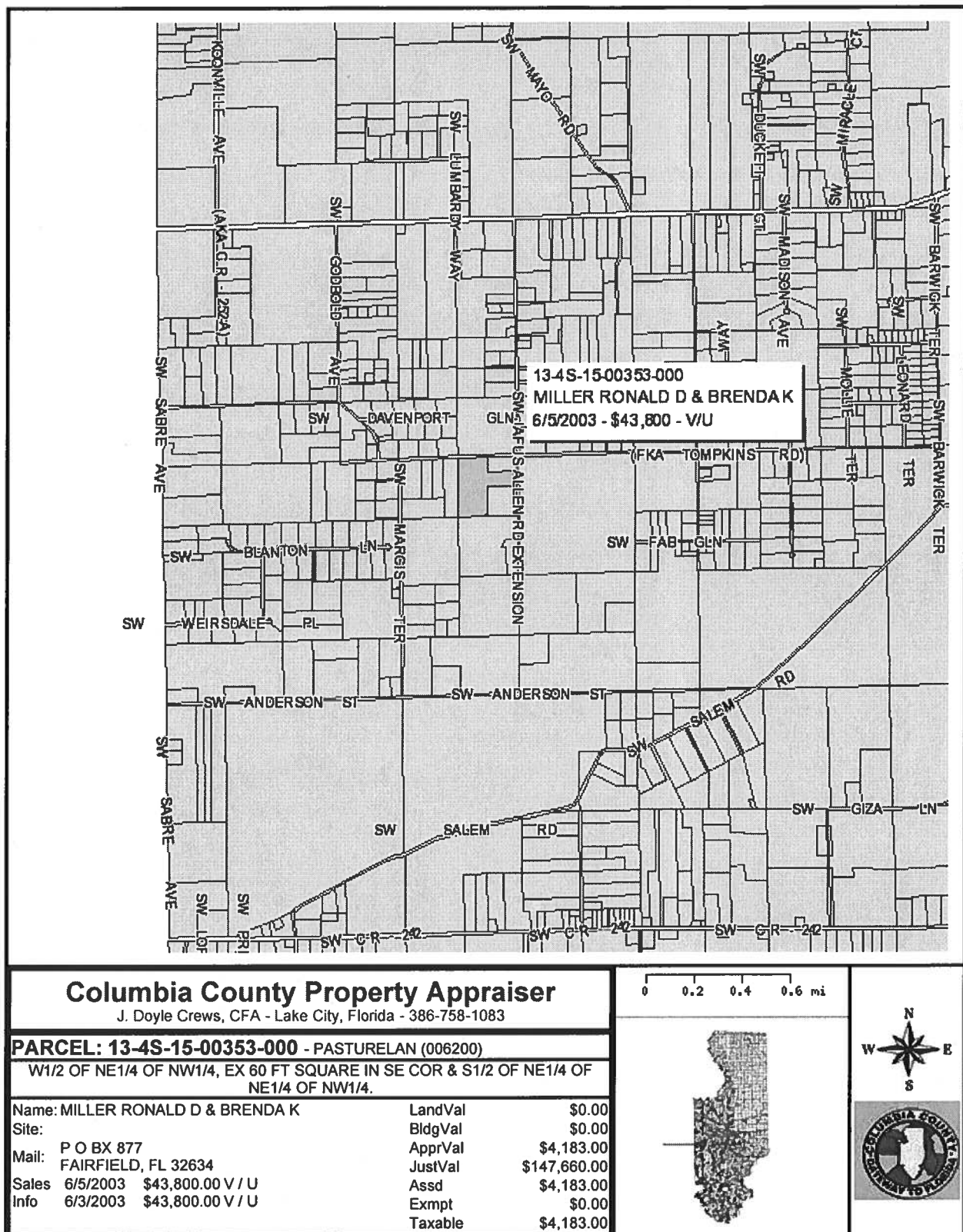
Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
 this 12th day of April 2006
 personally known ✓ or Produced Identification _____



Contractor Signature Mark Robinson
 Contractors License Number RB054287
 Commission Card Number _____
 NOTARY SEAL
 Bonded Thru Notary Public Underwriters
John Tedich
 Notary Signature

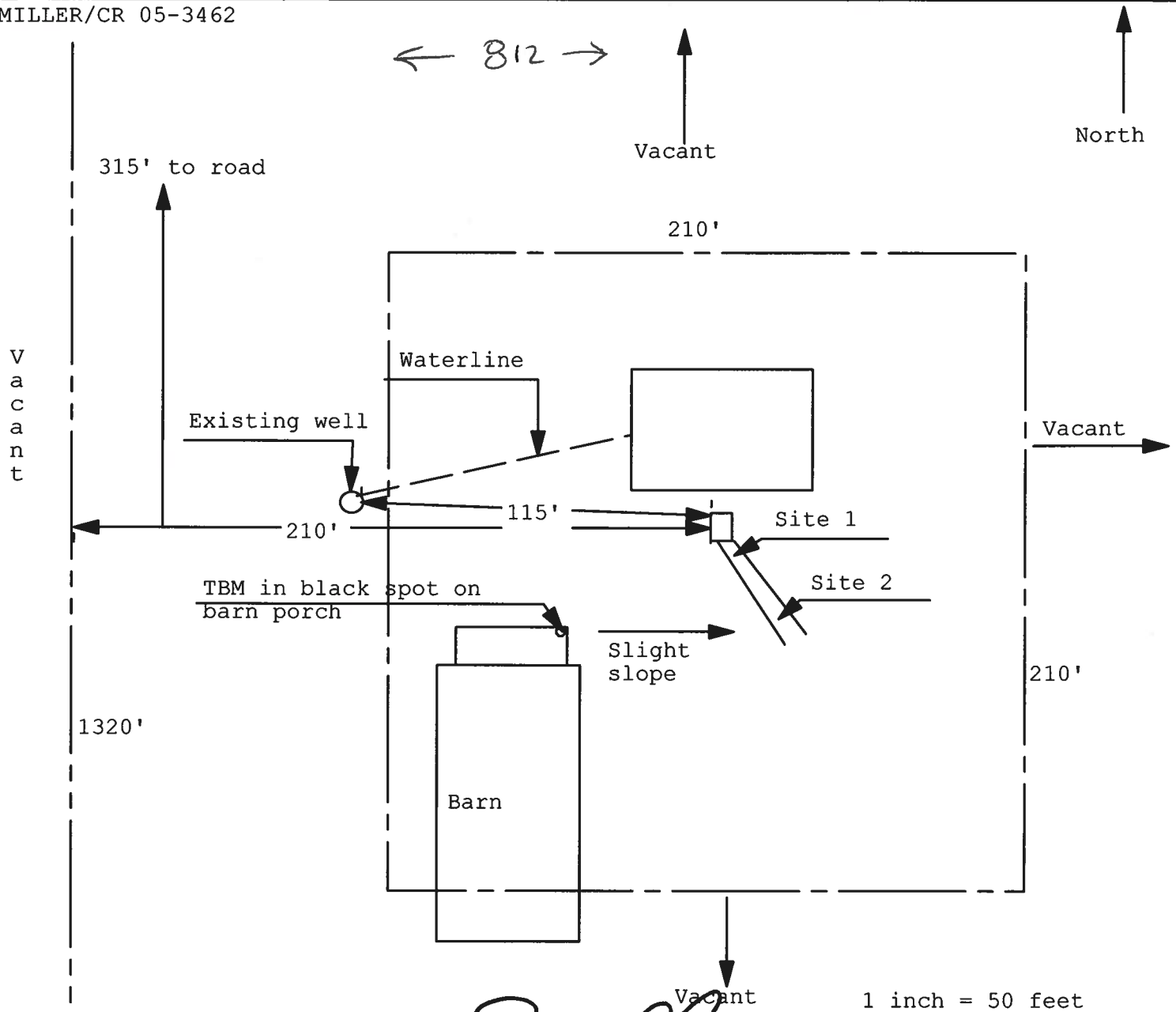


This information, GIS Map Updated: 4/6/2006, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

**Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan**
Permit Application Number: 06-0372-N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

MILLER/CR 05-3462



Site Plan Submitted By Paul Lloyd Date 4/11/06
Plan Approved ☒ Not Approved ☐ Date 4/14/06
By Mr. Miller Columbia CPHU

Notes: _____

- ↓ -
miller
JOB-

COLUMBIA COUNTY 9-1-1 ADDRESSING

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

Addressing Maintenance

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

DATE ISSUED: September 13, 2005

ENHANCED 9-1-1 ADDRESS:

2144 SW BRIM ST (LAKE CITY, FL 32024)

Addressed Location 911 Phone Number: NOT AVAIL.

OCCUPANT NAME: NOT AVAIL.

OCCUPANT CURRENT MAILING ADDRESS: _____

PROPERTY APPRAISER PARCEL NUMBER: 13-4S-15-00353-000

Other Contact Phone Number (If any): _____

Building Permit Number (If known): _____

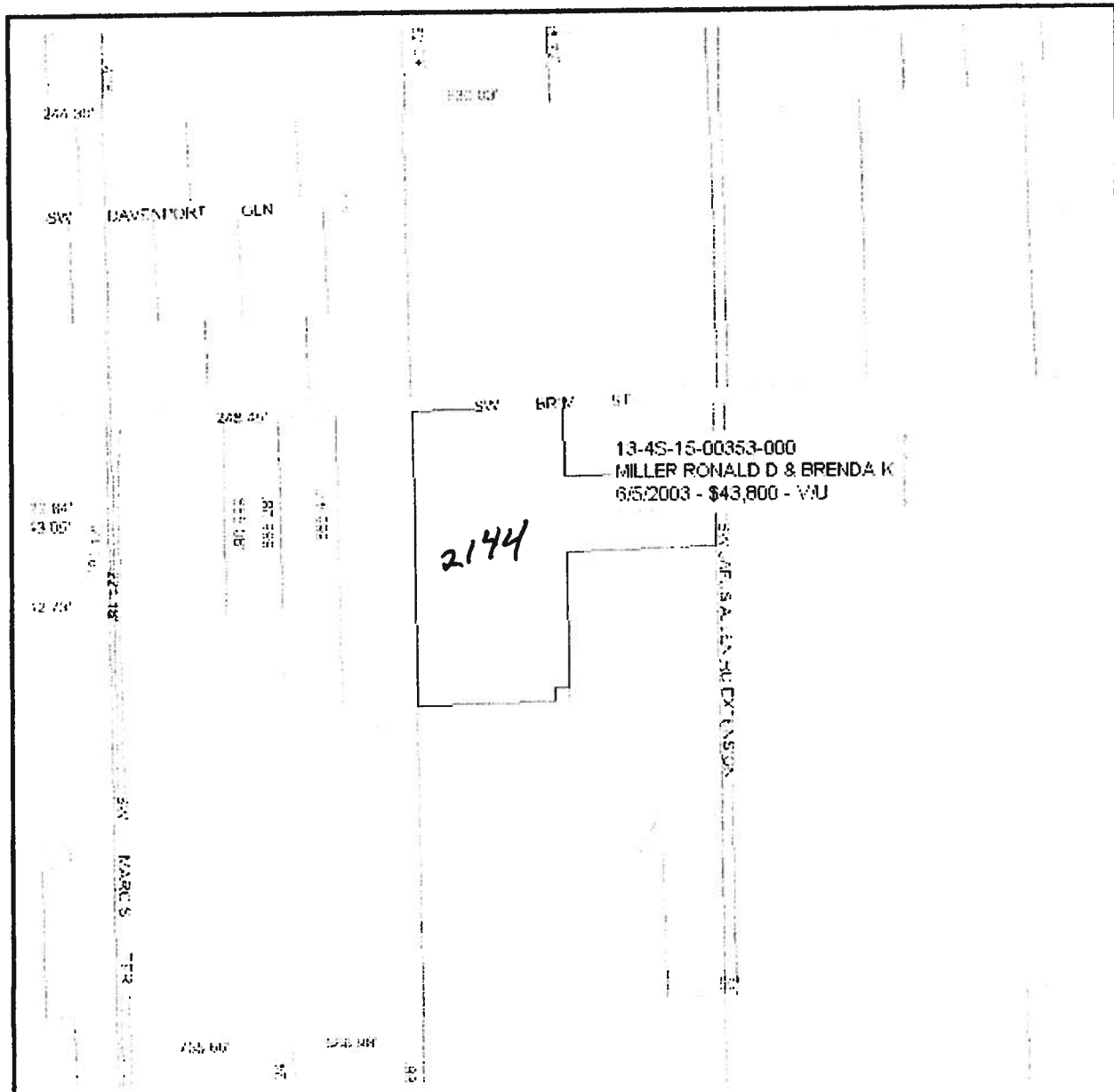
Remarks: _____

Address Issued By: _____

Columbia County 9-1-1 Addressing / GIS Department

NOTICE: THIS ADDRESS WAS ISSUED BASED ON LOCATION INFORMATION RECEIVED FROM THE REQUESTER. SHOULD, AT A LATER DATE, THE LOCATION INFORMATION BE FOUND TO BE IN ERROR, THIS ADDRESS IS SUBJECT TO CHANGE.

COLUMBIA COUNTY
9-1-1 ADDRESSING
APPROVED



Columbia County Property Appraiser

J. Doyle Crews, CFA - Lake City, Florida - 386-756-1083

PARCEL: 13-4S-15-00353-000 - PASTURELAN (006200)

W1/2 OF NE1/4 OF NW1/4, EX 60 FT SQUARE IN SE COR & S1/2 OF NE1/4 OF NE1/4 OF NW1/4.

Name: MILLER RONALD D & BRENDA K

Site:

Mail: P O BX 877

FAIRFIELD, FL 32634

Sales 6/5/2003 \$43,800.00 V / U

Info 8/3/2003 \$43,800.00 V / U

LandVal

\$0.00

BldgVal

\$0.00

ApprVal

\$4,183.00

JustVal

\$62,017.00

Assd

\$4,183.00

Exmpt

\$0.00

Taxable

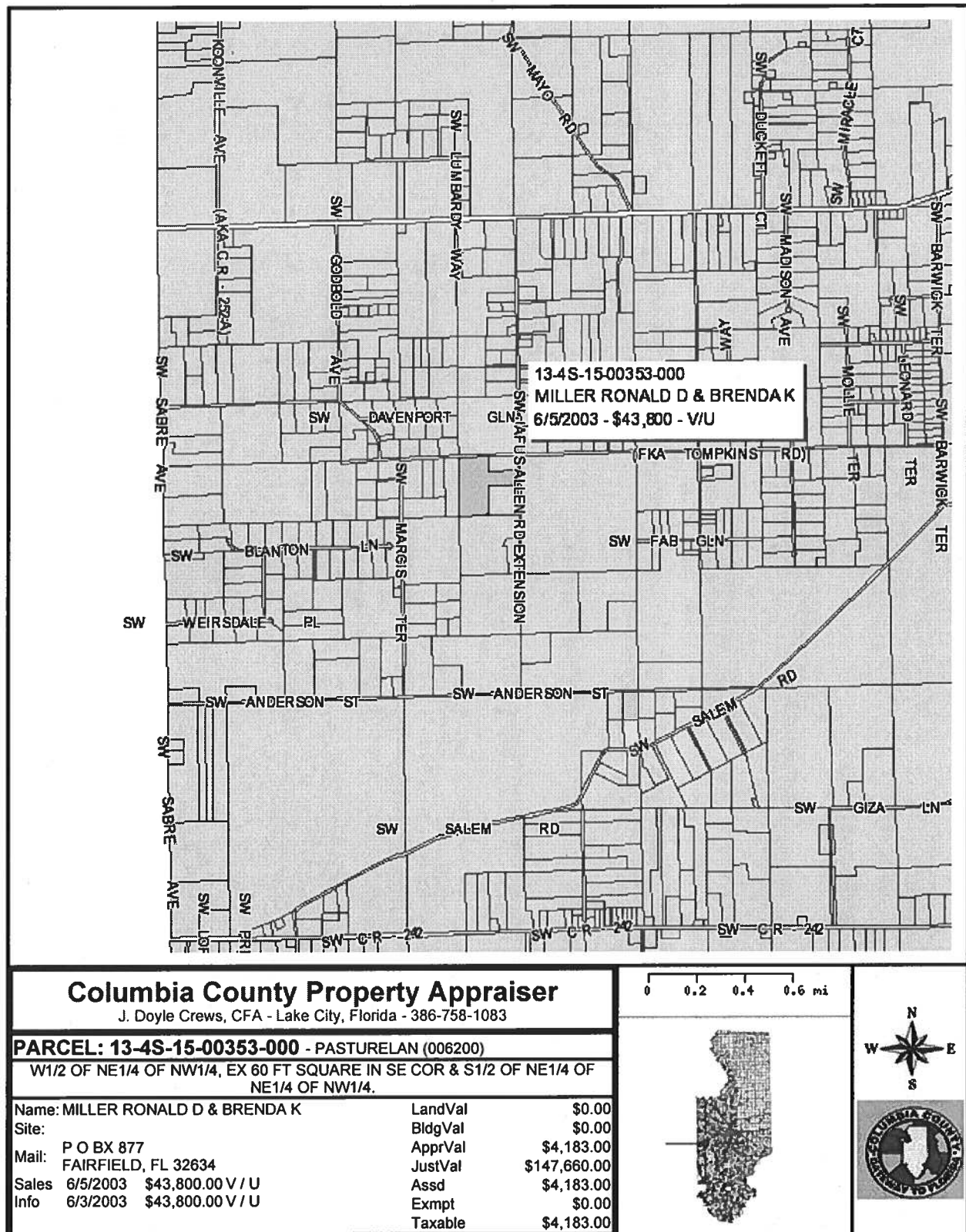
\$4,183.00

0 0.05 0.1 0.15 mi



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352-591-4868



FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name: **Miller Residence**
Address: **2144 SW Brim Street**
City, State: **Lake City, FL 32055-**
Owner: **Miller**
Climate Zone: **North**

Builder: **M. Robinson**
Permitting Office: **Columbia Co.**
Permit Number: **24412**
Jurisdiction Number: **121000**

- | | | |
|--|--------------------------------|-----------------------|
| 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) | 2365 ft ² | ___ |
| 7. Glass area & type | Single Pane | Double Pane |
| a. Clear glass, default U-factor | 0.0 ft ² | 210.0 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, 231.0(p) ft | ___ |
| b. N/A | | ___ |
| c. N/A | | ___ |
| 9. Wall types | | |
| a. Frame, Wood, Exterior | R=13.0, 1767.0 ft ² | ___ |
| b. N/A | | ___ |
| c. N/A | | ___ |
| d. N/A | | ___ |
| e. N/A | | ___ |
| 10. Ceiling types | | |
| a. Under Attic | R=30.0, 2365.0 ft ² | ___ |
| b. N/A | | ___ |
| c. N/A | | ___ |
| 11. Ducts | | |
| a. Sup: Unc. Ret: Unc. AH: Interior | Sup. R=6.0, 20.0 ft | ___ |
| b. N/A | | ___ |

- | | | |
|--|-------------------|-----|
| 12. Cooling systems | | |
| a. Central Unit | Cap: 35.0 kBtu/hr | ___ |
| | SEER: 14.00 | ___ |
| 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: 0.09

Total as-built points: 24089

Total base points: 33404

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: 3/25/07

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: 2144 SW Brim Street, 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	2365.0	20.04	8531.0	Double, Clear	N	2.0	6.0	12.0	19.20	0.90	207.4
				Double, Clear	S	2.0	5.0	6.0	35.87	0.72	155.7
				Double, Clear	E	2.0	7.0	60.0	42.06	0.89	2235.8
				Double, Clear	E	9.5	7.0	30.0	42.06	0.45	568.1
				Double, Clear	W	2.0	7.0	34.0	38.52	0.89	1161.4
				Double, Clear	W	10.0	7.0	68.0	38.52	0.46	1197.3
				As-Built Total:		210.0			5525.8		
WALL TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	13.0		1767.0	1.50	2650.5		
Exterior	1767.0	1.70	3003.9								
Base Total: 1767.0 3003.9				As-Built Total:		1767.0			2650.5		
DOOR TYPES Area X BSPM = Points				Type	Area X SPM = Points						
Adjacent	81.0	2.40	194.4	Exterior Insulated			21.0	4.10	86.1		
Exterior	21.0	6.10	128.1	Adjacent Insulated			30.0	1.60	48.0		
				Adjacent Insulated			15.0	1.60	24.0		
				Adjacent Insulated			15.0	1.60	24.0		
				Adjacent Insulated			21.0	1.60	33.6		
Base Total: 102.0 322.5				As-Built Total:		102.0			215.7		
CEILING TYPES Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points				
Under Attic	2365.0	1.73	4091.4	Under Attic	30.0		2365.0	1.73 X 1.00	4091.4		
Base Total: 2365.0 4091.4				As-Built Total:		2365.0			4091.4		
FLOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Slab	231.0(p)	-37.0	-8547.0	Slab-On-Grade Edge Insulation	0.0		231.0(p)	-41.20	-9517.2		
Raised	0.0	0.00	0.0								
Base Total: -8547.0				As-Built Total:		231.0			-9517.2		
INFILTRATION Area X BSPM = Points				Area X SPM = Points							
2365.0 10.21 24146.7				2365.0 10.21 24146.7							

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

ADDRESS: 2144 SW Brim Street, Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT											
Summer Base Points:		31548.5		Summer As-Built Points:			27112.9								
Total Summer Points	X	System Multiplier	=	Cooling Points	Total Component	X	Cap Ratio	X	Duct Multiplier (DM x DSM x AHU)	X	System Multiplier	X	Credit Multiplier	=	Cooling Points
31548.5		0.4266		13458.6	27112.9		1.000		(1.090 x 1.147 x 0.91)		0.244		0.902		6786.8
					27112.9		1.00		1.138		0.244		0.902		6786.8

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: 2144 SW Brim Street, 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	2365.0	12.74	5423.4	Double, Clear	N	2.0	6.0	12.0	24.58	1.00	296.3
				Double, Clear	S	2.0	5.0	6.0	13.30	1.40	111.7
				Double, Clear	E	2.0	7.0	60.0	18.79	1.05	1178.8
				Double, Clear	E	9.5	7.0	30.0	18.79	1.37	770.0
				Double, Clear	W	2.0	7.0	34.0	20.73	1.03	726.8
				Double, Clear	W	10.0	7.0	68.0	20.73	1.20	1691.9
				As-Built Total:		210.0			4775.6		
WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	13.0		1767.0	3.40		6007.8	
Exterior	1767.0	3.70	6537.9								
Base Total: 1767.0 6537.9				As-Built Total:		1767.0			6007.8		
DOOR TYPES Area X BWPM = Points				Type	Area X WPM = Points						
Adjacent	81.0	11.50	931.5	Exterior Insulated			21.0	8.40		176.4	
Exterior	21.0	12.30	258.3	Adjacent Insulated			30.0	8.00		240.0	
				Adjacent Insulated			15.0	8.00		120.0	
				Adjacent Insulated			15.0	8.00		120.0	
				Adjacent Insulated			21.0	8.00		168.0	
Base Total: 102.0 1189.8				As-Built Total:		102.0			824.4		
CEILING TYPES Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points				
Under Attic	2365.0	2.05	4848.3	Under Attic	30.0		2365.0	2.05 X 1.00		4848.3	
Base Total: 2365.0 4848.3				As-Built Total:		2365.0			4848.3		
FLOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Slab	231.0(p)	8.9	2055.9	Slab-On-Grade Edge Insulation	0.0		231.0(p)	18.80		4342.8	
Raised	0.0	0.00	0.0								
Base Total: 2055.9				As-Built Total:		231.0			4342.8		
INFILTRATION Area X BWPM = Points				Area X WPM = Points							
2365.0 -0.59 -1395.3				2365.0 -0.59 -1395.3							

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: 2144 SW Brim Street, Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT							
Winter Base Points:		18659.9		Winter As-Built Points:				19403.5			
Total Winter Points	X	System Multiplier	= Heating Points	Total Component	X	Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X	Credit Multiplier	= Heating Points
18659.9		0.6274	11707.2	19403.5		1.000	(1.069 x 1.169 x 0.93)	0.432		0.950	9247.1
				19403.5		1.00	1.162	0.432		0.950	9247.1

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: 2144 SW Brim Street, Lake City, FL, 32055-

PERMIT #:

BASE					AS-BUILT								
WATER HEATING													
Number of Bedrooms	X	Multiplier	=	Total	Tank Volume	EF	Number of Bedrooms	X	Tank X Ratio	X	Multiplier X Credit Multiplier	=	Total
3		2746.00		8238.0	30.0	0.90	3		1.00		2684.98	1.00	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
13459		11707		8238		33404	6787		9247		8055		24089

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: 2144 SW Brim Street, 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.	~1/4
Additional Infiltration reqts	606.1.ABC.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	✓

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

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

NOTICE OF COMMENCEMENT

STATE OF FLORIDA

COUNTY OF ~~SUWANNEE~~ Columbia
(BKM NR)

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

1. Description of Property: Legal description attached
2. General Description of Improvement: New Home
3. Owner Information:
 - a. Name and Address: Ronald D. & Brenda K. Miller
P.O. Box 877 Fairfield, FL 32634
 - b. Interest in Property: 100%
 - c. Name and Address of Fee Simple Titleholder (if other than owner): N/A
4. Contractor (name and address): Mark Robinson & Sons Construction Inc
24262 U.S. Hwy 129 O'Brien, FL 32071
5. Surety:
 - a. Name and Address: N/A
 - b. Amount of Bond: N/A
6. Lender (name and address): N/A
7. Persons within the State of Florida designated by owner upon whom notices or other documents may be served as provided by Florida Statutes 713.13(1)(a)(7): None
8. In addition to himself, owner designates: no one
9. to receive a copy of the Leinor's Notice as provided in Florida Statutes 713.13(1)(b).
Expiration date of Notice of Commencement (the expiration date is 1 year from the date of recording unless a different date is specified): —

Inst: 2006008987 Date: 04/12/2006 Time: 15:02

87 DC, P. DeWitt Cason, Columbia County B: 1080 P: 1084

Type Owner Name: Ronald D. Miller

Type Owner Name: Brenda K. Miller

Sworn to and subscribed before me this 30th day of

Personally Known

Produced ID Drivers License

Did/Did Not Take an Oath —

Type Notary's Name Sharon E. Dunn

Notary Public, State of Florida

Commission Expiry & Number: May 20, 2008

My Commission DD322005
Expires May 20, 2008



DD322005

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

Rendered to:

MI HOME PRODUCTS, INC.

SERIES/MODEL: 650

TYPE: Aluminum Triple Single Hung Window

Title	Summary of Results
AAMA Rating	H-R35 112 x 72
Operating Force	25 lb max.
Air Infiltration	0.16 cfm/ft ²
Water Resistance Test Pressure	5.25 psf
Uniform Load Deflection Test Pressure	+35.3 psf -35.0 psf
Uniform Load Structural Test Pressure	+53.0 psf -52.5 psf
Deglazing	Passed
Forced Entry Resistance	Grade 10

Reference should be made to ATI Report No. 01-41641.02 for complete test specimen description and data.



Architectural Testing

AAMA/NWWDA 101/L.S.2-97 TEST REPORT

Rendered to:

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

Report No: 01-41641.02
Test Dates: 05/13/02
And: 05/16/02
Report Date: 11/12/02
Expiration Date: 05/16/06

Project Summary: Architectural Testing, Inc. (ATI) was contracted by MI Home Products, Inc. to witness testing on a Series/Model 650, aluminum triple single hung window at their facility located in Elizabethville, Pennsylvania. The sample tested successfully met the performance requirements for a H-R35 112 x 72 rating.

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

Test Specimen Description:

Series/Model: 650

Type: Aluminum Triple Single Hung Window

Overall Size: 9' 3-1/2" wide by 5' 11-11/16" high

Active Sash Size (3): 3' 0-1/4" wide by 2' 10-3/4" high

Fixed Daylight Opening Size (3): 2' 8-1/4" wide by 2' 9-1/8" high

Screen Size (3): 2' 9-1/8" wide by 2' 11" high

Finish: All aluminum was painted white.

130 Derry Court
York, PA 17402-9405
phone: 717.754.7700
fax: 717.764.4129
www.archtest.com

Test Specimen Description: (Continued)

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

Weatherstripping:

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
0.230" 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	Active sash stiles
1/2" by 1/2" dust plug	4 Pieces	Active sash, top and bottom of stiles
1/4" foam filled vinyl bulb seal	1 Row	Active sash, bottom rail

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

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

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

Test Specimen Description: (Continued)

Hardware:

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
Metal cam lock with keeper	1	Midspan of each active meeting rail with adjacent keepers
Plastic tilt latch	2	Each active sash meeting rail ends
Metal tilt pin	2	Each active sash bottom rail ends
Balance assembly	2	Each active sash contained one in each jamb
Screen plunger	2	Each screen contained two 4" from rail ends on top rail

Drainage: Sloped sill

Reinforcement: No reinforcement was utilized.

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

Test Results:

The results are tabulated as follows:

<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allowed</u>
2.2.1.6.1	Operating Force	25 lbs	30 lbs max.
2.1.2	Air Infiltration (ASTM E 283-91) @ 1.57 psf (25 mph)	0.16 cfm/ft ²	0.3 cfm/ft ² max.
<i>Note #1: The tested specimen meets the performance levels specified in AAMA/NIWDA 101/I.S. 2-97 for air infiltration.</i>			
2.1.3	Water Resistance (ASTM E 547-00) (with and without screen) WTP = 2.86 psf	No leakage	No leakage

Test Results: (Continued)

<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allowed</u>
2.1.4.1	Uniform Load Deflection (ASTM E 330-97) (Measurements reported were taken on the mullion) (Loads were held for 52 seconds) @ 15.0 psf (positive) @ 15.0 psf (negative)	0.15" 0.29"	0.41" max. 0.41" max.
2.1.4.2	Uniform Load Structural (ASTM E 330-97) (Measurements reported were taken on the mullion) (Loads were held for 10 seconds) @ 22.5 psf (positive) @ 22.5 psf (negative)	0.01" 0.01"	0.29" max. 0.29" max.
2.2.1.6.2	Deglazing Test (ASTM E 987-88) In operating direction at 70 lbs Right sash, meeting rail Right sash, bottom rail Middle sash, meeting rail Middle sash, bottom rail Left sash, meeting rail Left sash, bottom rail In remaining direction at 50 lbs Right sash, right stile Right sash, left stile Middle sash, right stile Middle sash, left stile Left sash, right stile Left sash, left stile	0.12"/25% 0.12"/25% 0.12"/25% 0.12"/25% 0.12"/25% 0.12"/25% 0.06"/12% 0.06"/12% 0.06"/12% 0.06"/12% 0.06"/12% 0.06"/12%	0.50"/100% 0.50"/100% 0.50"/100% 0.50"/100% 0.50"/100% 0.50"/100% 0.50"/100% 0.50"/100% 0.50"/100% 0.50"/100% 0.50"/100% 0.50"/100%
2.1.8	Forced Entry Resistance (ASTM F 588-97) Type: A Grade: 10 Lock Manipulation Test Test A1 through A5 Test A7 Lock Manipulation Test	No entry No entry No entry No entry	No entry No entry No entry No entry

Test Results: (Continued)

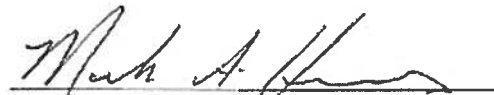
<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allowed</u>
<u>Optional Performance</u>			
4.3	Water Resistance (ASTM E 547-00) (with and without screen) WTP = 5.25 psf	No leakage	No leakage
4.4.1	Uniform Load Deflection (ASTM E 330-97) (Measurements reported were taken on the mullion) (Loads were held for 52 seconds) @ 35.3 psf (positive) @ 35.0 psf (negative)	0.46" 0.41"	See Note #2 See Note #2

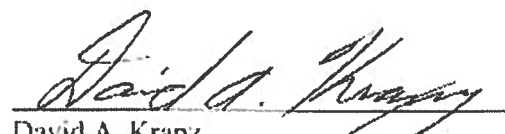
Note #2: The Uniform Load Deflection test is not an AAMA/NWDA 101/1.S.2-97 requirement for this product designation. The data is recorded in this report for information only.

4.4.2	Uniform Load Structural (ASTM E 330-97) (Measurements reported were taken on the mullion) (Loads were held for 10 seconds) @ 53.0 psf (positive) @ 52.5 psf (negative)	0.03" 0.02"	0.29" max. 0.29" 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. This report may not be reproduced, except in full, without written approval of Architectural Testing, Inc.

For ARCHITECTURAL TESTING, INC:


Mark A. Hess
Technician

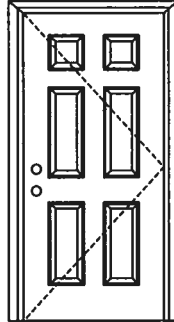

David A. Kranz
Director - Product/Physical Testing

MAH:chm
01-41641.02

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.itsmko.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



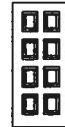
6-panel



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

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Exclusively from

Masonite International Corporation

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.

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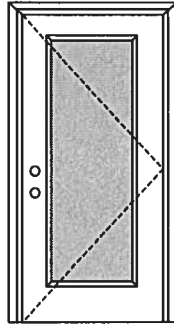
Exclusively from

Masonite®
Masonite International Corporation

X

Glazed Outswing Unit

COP-WL-JH4161-02

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 ITSA/WH website (www.ittsemko.com), the Masonite website (www.masonite.com) or the Masonite technical center.

Single Door

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

Design Pressure

+40.5/-40.5

Limited water unless special threshold design is used.

Large Missile Impact Resistance

Hurricane protective system (shutters) is REQUIRED.

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

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed – see MAD-WL-MA0011-02 and MAD-WL-MA0041-02.

MINIMUM INSTALLATION DETAIL:

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

APPROVED DOOR STYLES:**1/4 GLASS:**

100 Series



133, 135 Series



136 Series



680 Series



822 Series

1/2 GLASS:

105 Series*



106, 160 Series*



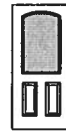
129 Series*



200 Series*



12 R/L, 23 R/L, 24 R/L Series*



107 Series*



108 Series



304 Series

*This glass kit may also be used in the following door styles: 5-panel; 5-panel with scroll; Eyebrow 5-panel; Eyebrow 5-panel with scroll.

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PREMDOR Collection
Premium Quality Doors



Exclusively from

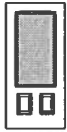
Masonite®

Masonite International Corporation

X

Glazed Outswing Unit

COP-WL-JH4161-02

WOOD-EDGE STEEL DOORS**APPROVED DOOR STYLES:****3/4 GLASS:**

404 Series



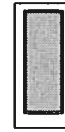
410 Series



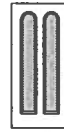
450 Series

FULL GLASS:

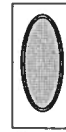
109 Series

114, 120, 122
Series

152 Series



149 Series



300 Series

CERTIFIED TEST REPORTS:

NCTL 210-1897-7, 8, 9, 10, 11, 12; NCTL 210-1864-5, 6, 7, 8; NCTL 210-2178-1, 2, 3

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

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Evaluation report NCTL-210-2794-1

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood.

Top end rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel. Interior cavity of slab filled with rigid polyurethane foam core. Slab glazed with insulated glass mounted in a rigid plastic lip lite surround.

Frame constructed of wood with an extruded aluminum bumper threshold.

PRODUCT COMPLIANCE LABELING:TESTED IN
ACCORDANCE WITH
MIAMI-DADE BCCO PA202COMPANY NAME
CITY, STATETo 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 56533Test Data Review Certificate #3026447A
and COP/Test Report Validation Matrix
#3026447A-001 provides additional
information - available from the ITS/WH
website (www.itsmko.com), the
Masonite website (www.masonite.com)
or the Masonite technical center.

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EntrySystems**June 17, 2002
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detail subject to change without notice.

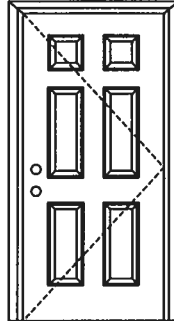
Exclusively from

Masonite International Corporation

X

Opaque Outswing Unit

COP-WL-JH4121-02

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.itsmko.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-MA0011-02.

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

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PREMDOR^{Collection}
Premium Quality Doors



Exclusively from

Masonite®

Masonite International Corporation

X

Opaque Outswing Unit

COP-WL-JH4121-02

WOOD-EDGE STEEL DOORS

CERTIFIED TEST REPORTS:

NCTL 210-2178-1, 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 bumper 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.

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Johnson™
EntrySystems

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



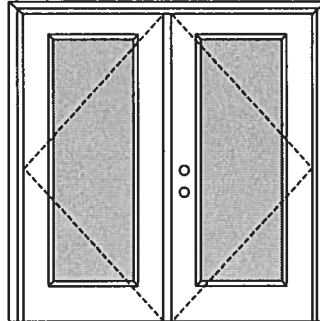
Exclusively from

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Masonite International Corporation

XX

Glazed Outswing Unit

COP-WL-JH4162-02

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

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.

Note:

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

Double Door
Maximum unit size = 6'0" x 6'8"

Design Pressure
+40.5/-40.5

Limited water unless special threshold design is used.

Large Missile Impact Resistance

Hurricane protective system (shutters) is REQUIRED.

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

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed – see MAD-WL-MA0012-02 and MAD-WL-MA0041-02.

MINIMUM INSTALLATION DETAIL:

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

APPROVED DOOR STYLES:**1/4 GLASS:**

100 Series



133, 135 Series



136 Series



680 Series



822 Series

1/2 GLASS:

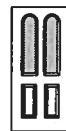
105 Series*



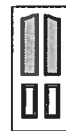
106, 160 Series*



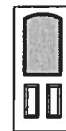
129 Series*



200 Series*



12 R/L, 23 R/L, 24 R/L Series*



107 Series*



108 Series



304 Series

*This glass kit may also be used in the following door styles: 5-panel; 5-panel with scroll; Eyebrow 5-panel; Eyebrow 5-panel with scroll.

1

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EntrySystems

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

XX

Glazed Outswing Unit

COP-WL-JH4162-02

WOOD-EDGE STEEL DOORS**APPROVED DOOR STYLES:****3/4 GLASS:**

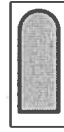
404 Series



410 Series



450 Series

FULL GLASS:

109 Series

114, 120, 122
Series

152 Series



149 Series



300 Series

CERTIFIED TEST REPORTS:

NCTL 210-1897-7, 8, 9, 10, 11, 12; NCTL 210-1864-5, 6, 7, 8; NCTL 210-2178-1, 2, 3

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

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Evaluation report NCTL-210-2794-1

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel. Interior cavity of slab filled with rigid polyurethane foam core. Slab glazed with insulated glass mounted in a rigid plastic lip lite surround.

Frame constructed of wood with an extruded aluminum bumper threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN
ACCORDANCE WITH
MIAMI-DADE BCCO PA202

COMPANY NAME
CITY, STATE

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

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

2

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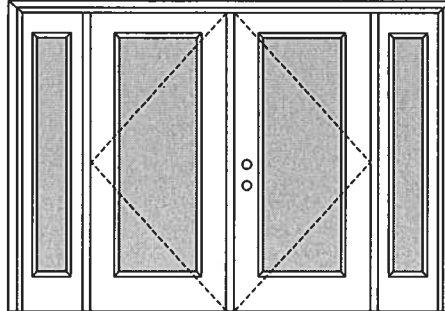
June 17, 2002
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Exclusively from
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WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



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

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

Double Door with 2 Sidelites
Maximum unit size = 12'0" x 6'8"

Design Pressure
+40.5/-40.5

Limited water unless special threshold design is used.

Large Missile Impact Resistance

Hurricane protective system (shutters) is REQUIRED.

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

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed – see MAD-WL-MA0005-02 or MAD-WL-MA0008-02 and MAD-WL-MA0041-02.

MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed – see MID-WL-MA0005-02.

APPROVED DOOR STYLES:

1/4 GLASS:



100 Series



133, 135 Series



136 Series

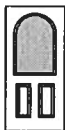


680 Series



822 Series

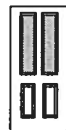
1/2 GLASS:



105 Series*



106, 160 Series*



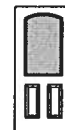
129 Series*



200 Series*



12 R/L, 23 R/L, 24 R/L
Series*



107 Series*



108 Series



304 Series

*This glass kit may also be used in the following door styles: 5-panel; 5-panel with scroll; Eyebrow 5-panel; Eyebrow 5-panel with scroll.

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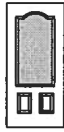
WOOD-EDGE STEEL DOORS

APPROVED DOOR STYLES:

3/4 GLASS:



404 Series

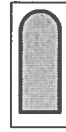


410 Series



450 Series

FULL GLASS:



109 Series



114, 120, 122
Series



152 Series



149 Series



300 Series

APPROVED SIDELITE STYLES:



680 Series



129 Series



200 Series



12R, 12L, 23R,
23L, 24R, 24L
Series



450 Series



152 Series



149 Series



109 Series



120, 122 Series



300 Series

CERTIFIED TEST REPORTS:

NCTL 210-1897-7, 8, 9, 10, 11, 12; NCTL 210-1861-4, 5, 6, 10, 11, 12; NCTL 210-2185-1, 2, 3

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

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Evaluation report NCTL-210-2794-1

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel. Interior cavity of slab filled with rigid polyurethane foam core. Slab and sidelite panels glazed with insulated glass mounted in a rigid plastic lip lite surround.

Frame constructed of wood with an extruded aluminum threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN
ACCORDANCE WITH
MIAMI-DADE BCCO PA202

COMPANY NAME
CITY, STATE

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

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.

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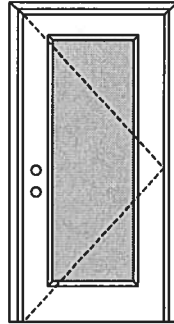


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Masonite International Corporation

X

Glazed Inswing Unit

COP-WL-JH4141-02

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

Single Door

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

Design Pressure

+40.5/-40.5

Limited water unless special threshold design is used.

Large Missile Impact Resistance

Hurricane protective system (shutters) is REQUIRED.

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

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed – see MAD-WL-MA0001-02 and MAD-WL-MA0041-02.

MINIMUM INSTALLATION DETAIL:

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

APPROVED DOOR STYLES:**1/4 GLASS:**

100 Series



133, 135 Series



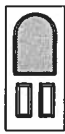
136 Series



680 Series



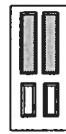
822 Series

1/2 GLASS:

105 Series*



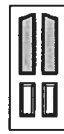
106, 160 Series*



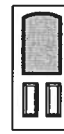
129 Series*



200 Series*



12 R/L, 23 R/L, 24 R/L Series*



107 Series*



108 Series



304 Series

*This glass kit may also be used in the following door styles: 5-panel; 5-panel with scroll; Eyebrow 5-panel; Eyebrow 5-panel with scroll.

1

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X

Glazed Inswing Unit

COP-WL-JH4141-02

WOOD-EDGE STEEL DOORS**APPROVED DOOR STYLES:****3/4 GLASS:**

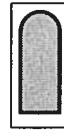
404 Series



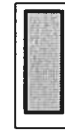
410 Series



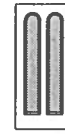
450 Series

FULL GLASS:

109 Series

114, 120, 122
Series

152 Series



149 Series



300 Series

CERTIFIED TEST REPORTS:

NCTL 210-1897-7, 8, 9, 10, 11, 12; NCTL 210-1861-4, 5, 6, 10, 11, 12; NCTL 210-2185-1, 2, 3

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Frame constructed of wood with an extruded aluminum threshold.

PRODUCT COMPLIANCE LABELING:

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RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2004 and FLORIDA RESIDENTIAL CODE 2004 WITH AMENDMENTS ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS ARE SUBJECT TO CHANGE
EFFECTIVE OCTOBER 1, 2005

ALL BUILDING PLANS MUST INDICATE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 16 OF THE FLORIDA BUILDING CODE 2004 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 1609 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 106.1). 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> Plans or specifications must state compliance with FBC Section 1609. The following information must be shown as per section 1603.1.4 FBC a. Basic wind speed (3-second gust), miles per hour (km/hr). b. Wind importance factor, I_w , and building classification from Table 1604.5 or Table 6-1, ASCE 7 and building classification in Table 1-1, ASCE 7. c. Wind exposure, if more than one wind exposure is utilized, the wind exposure and applicable wind direction shall be indicated. d. The applicable enclosure classifications and, if designed with ASCE 7, internal pressure coefficient. e. Components and Cladding. The design wind pressures in terms of psf (kN/m^2) to be used for the design of exterior component and cladding materials not specially designed by the registered design professional.
☒	☐	<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
- e) Number of stories

Floor Plan including:

- ☒
- ☒
- ☒

- a) Rooms labeled and dimensioned.
- b) Shear walls identified.
- c) Show product approval specification as required by Fla. Statute 553.842 and Fla. Administrative Code 9B-72 (see attach forms).
- d) Show safety glazing of glass, where required by code.
- e) Identify egress windows in bedrooms, and size.
- f) Fireplace (gas vented), (gas non-vented) or wood burning with hearth, (Please circle applicable type).
- g) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails.

- ☒
- ☒
- ☐

- h) 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 106.1.1.2) 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 106.1.1.2) 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 shall be designed by a Windload engineer using the engineered roof truss plans.
6. Roof assembly shown here or on roof system detail (FBC 106.1.1.2) Roofing system, materials, manufacturer, fastening requirements and product evaluation with resistance rating)
7. Fire resistant construction (if required)
8. Fireproofing requirements
9. Shoe type of termite treatment (termicide or alternative method)
10. Slab on grade
 - a. Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)
 - b. Must show control joints, synthetic fiber reinforcement or Welded fire fabric reinforcement and supports
11. Indicate where pressure treated wood will be placed
12. Provide insulation R value for the following:

- a. Attic space
- b. Exterior wall cavity
- c. Crawl space (if applicable)

☒
☐

b) Wood frame wall

1. All materials making up wall
2. Size and species of studs
3. Sheathing size, type and nailing schedule
4. Headers sized
5. Gable end showing balloon framing detail or gable truss and wall hinge bracing detail
6. All required fasteners for continuous tie from roof to foundation (truss anchors, straps, anchor bolts and washers) shall be designed by a Windload engineer using the engineered roof truss plans.
7. Roof assembly shown here or on roof system detail (FBC 106.1.1.2) 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 (termiticide or alternative method)
11. Slab on grade
 - a. Vapor retarder (6Mil. Polyethylene with joints lapped 6 inches and sealed
 - b. Must show control joints, synthetic fiber reinforcement or welded wire fabric reinforcement and supports
12. Indicate where pressure treated wood will be placed
13. Provide insulation R value for the following:
 - a. Attic space
 - b. Exterior wall cavity
 - c. Crawl space (if applicable)

☐
☐

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

Floor Framing System:

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

Plumbing Fixture layout

Electrical layout including:

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

HVAC information

- a) Energy Calculations (dimensions shall match plans)
- b) Manual J sizing equipment or equivalent computation
- c) 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**

☒ existing

☐

- 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. **If the project is to be located on a F.D.O.T. maintained road, than an F.D.O.T. access permit is required.**
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

Location: _____ **Project Name:** _____

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

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

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

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

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

Contractor or Contractor's Authorized Agent Signature

Print Name

Date

Location

Permit # (FOR STAFF USE ONLY)



Columbia County 9-1-1 Addressing / GIS Department

P.O. Box 1787, Lake City, FL 32056

Telephone: (386) 758-1125 * Fax: (386) 758-1365 * E-mail: ron_croft@columbiacountyfla.com



9-1-1 Address Request Form

NOTE: ADDRESS ASSIGNMENT MAY REQUIRE UP TO 10 WORKING DAYS. IF THE ADDRESSING DEPARTMENT NEEDS TO CONDUCT ON SITE GPS LOCATION IDENTIFICATION, ADDITIONAL TIME MAY BE REQUIRED.

Date of Request: _____

Requester Last Name: _____

First Name: _____

Contact Telephone Number: _____

(Cell Phone Number if Provided): _____

Requested for Self: _____ or Requested for Company: _____
(check one)

If Address is Requested by a Company, Provide Name of Requesting Company:

Parcel Identification Number: _____ - _____ - _____ - _____

If in Subdivision, Provide Name Of Subdivision:

Phase or Unit Number (if any): _____ Block Number (if any): _____

Lot Number: _____

Attach Site Plan or you may use back of Request Form for Site Plan:

Requirements for Site Plan Are Listed on Back of Request From:
(NOTE: Site Plan Does NOT have to be a survey or to scale; FURTHER a Environmental Health Dept. Site Plan showing only a 210 by 210 cutout of a property will NOT suffice for Addressing Requirements.)

Addressing / GIS Department Use Only:

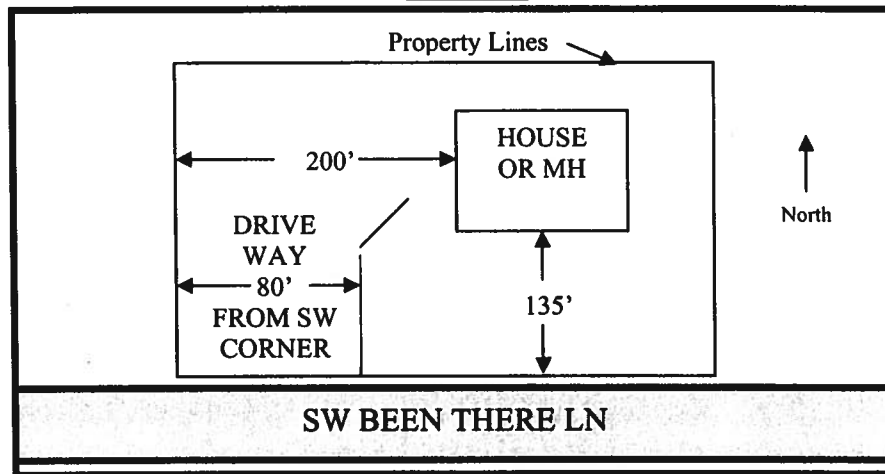
Date Received: _____

Date Assigned: _____

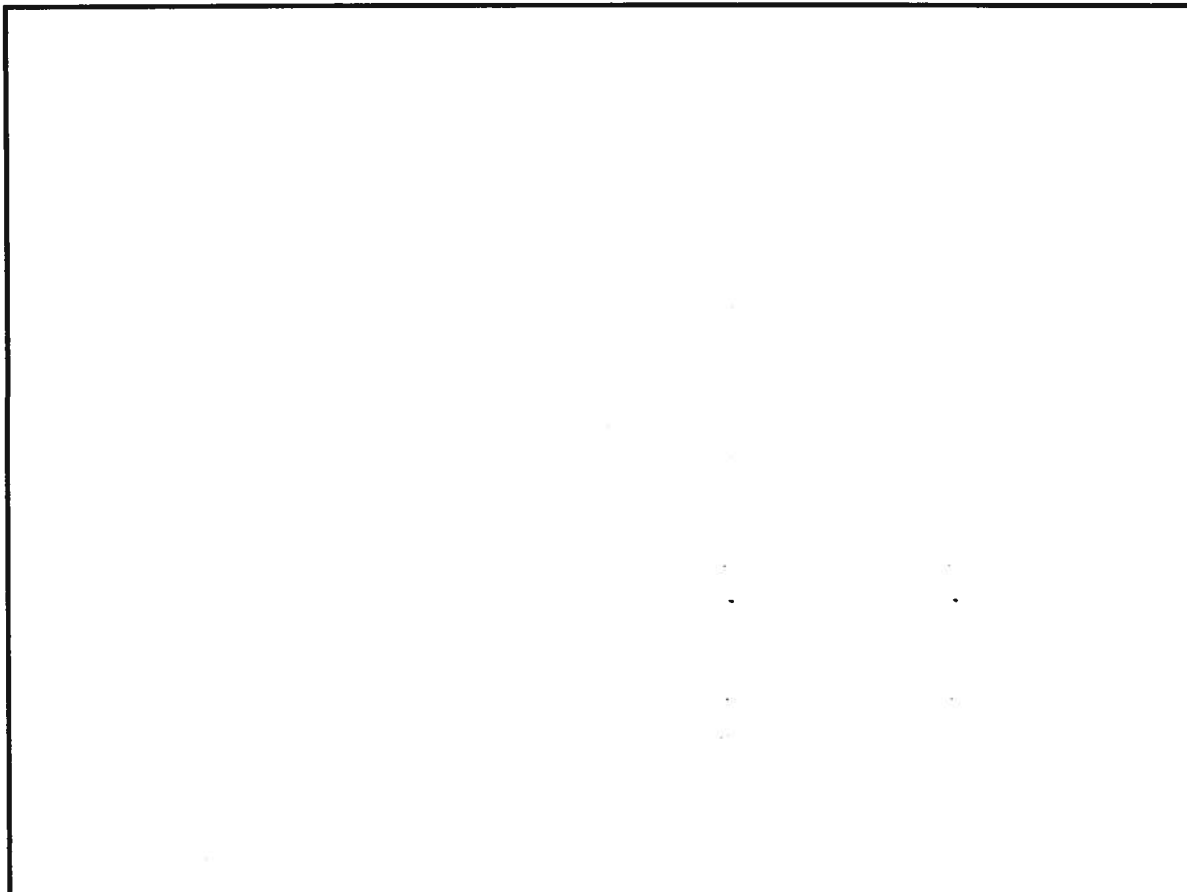
ID Number: _____

1. A PLAT, PLAN, OR DRAWING SHOWING THE PROPERTY LINES OF THE PARCEL.
2. LOCATION OF PLANNED RESIDENT OR BUSINESS STRUCTURE ON THE PROPERTY WITH DISTANCES FROM AT LEAST TWO OF THE PROPERTY LINES TO THE STRUCTURE (SEE SAMPLE BELOW).
3. 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).
4. TRAVEL OF THE DRIVEWAY FROM THE ACCESS POINT TO THE STRUCTURE (SEE SAMPLE BELOW).

SAMPLE:



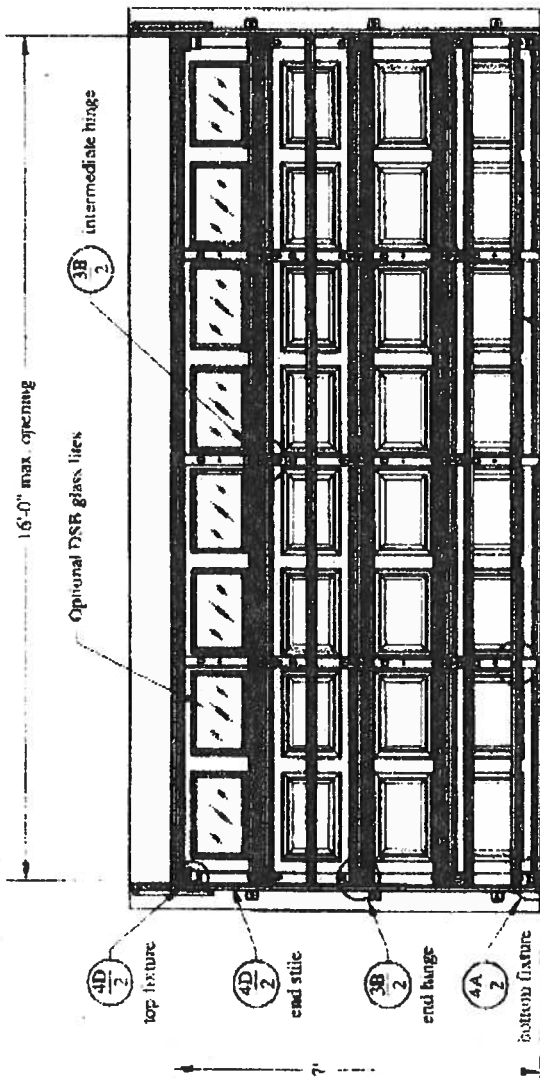
SITE PLAN BOX:



Door Model	Crane	Decline
2250/2251	2.5	.0185
4250/4251	2.5	.0185
2240/2241	2.4	.0225
4240/4241	2.4	.0225
5240/5241	2.4	.0225

door height	quantity	quantity	quantity	quantity
6'-6" to 7'-0"	4	7	5	5
7'-6" to 8'-0"	5	8	4	4
8'-6" to 9'-0"	5	9	4	4
9'-0" to 10'-0"	6	11	5	5
10'-0" to 12'-0"	7	13	6	6
12'-0" to 14'-0"	8	15	7	7

Refer to Supplemental Instructions for
and placement on doors over 7'-0" high



Track Bracket Chart	door height									
	6'-6"	6'-9"	7'-0"	7'-6"	7'-9"	8'-0"	8'-3"	8'-6"	8'-9"	9'-0"
D	10"	10"	10"	10"	10"	10"	10"	10"	10"	10"
C	60"	60"	60"	60"	60"	60"	60"	60"	60"	60"
B	35"	35"	35"	35"	35"	35"	35"	35"	35"	35"
A	10"	10"	10"	10"	10"	10"	10"	10"	10"	10"

Track bracket locations shown above are for doors up to five 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 at a distance not greater than the corresponding section height.

Joan E. Staley, P.E.
1411 LeMay Street #205
Carrollton, Texas 75007
Florida P.E. # 51757

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

This door has been tested to accordance with ANSI/DASMA 100-2012

Design Pressure (DP): 18.5 psf / 20.7 psf
Test Pressure (TP): 22.5 psf / 23.1 psf

Per 2004 FBC Table 1609.6. DP meets or exceeds basic wind speed of:

V = 110 MPH for Exposure B and mean roof height of 30' or less

M = 75 MPH for Exposure C and mean roof height of 40' or less

Maximum door size: 16'-0" wide by 14'-0" high

Glazing and door have not been tested for uniform debris

Wind load and supporting structural elements shall be designed by a

registered professional engineer for wind loads shown on this drawing

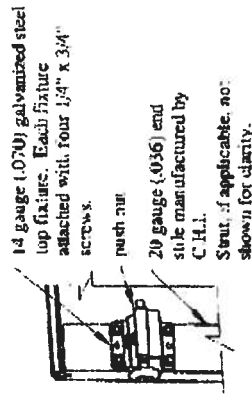
Walls in contact with door must be installed

Model 2250/51 (16'-0" wide)
CHL Drawing 7-1607-01 101

5519

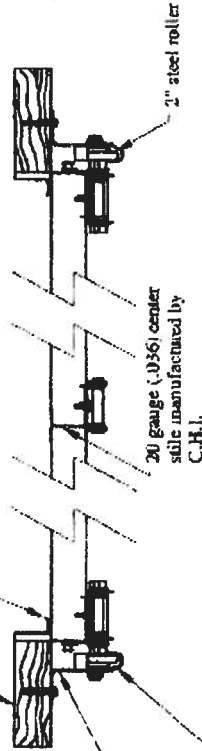
page 1 of 2

Details on some views may have been omitted for clarity.



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

2" x 7/16" (nominal) Stop molding required (not supplied by C.H.I.)



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

2" x .051 min. galvanized steel track fastened to track brackets. Each track bracket attached with one 1/4" x 5/8" track bolt and nut.

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

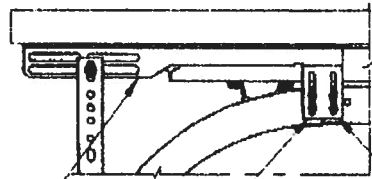
Intermediate Hinge
18 gauge (.047) galvanized steel intermediate hinge fastened to section with four 1/4" x 3/4" screws.

2" steel track roller



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

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



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 1/32" rivets.

Design Load: 18.5 psf @ 20.7 deg
Test Load: 27.8 psf @ 31.1 deg
page 2 of 2

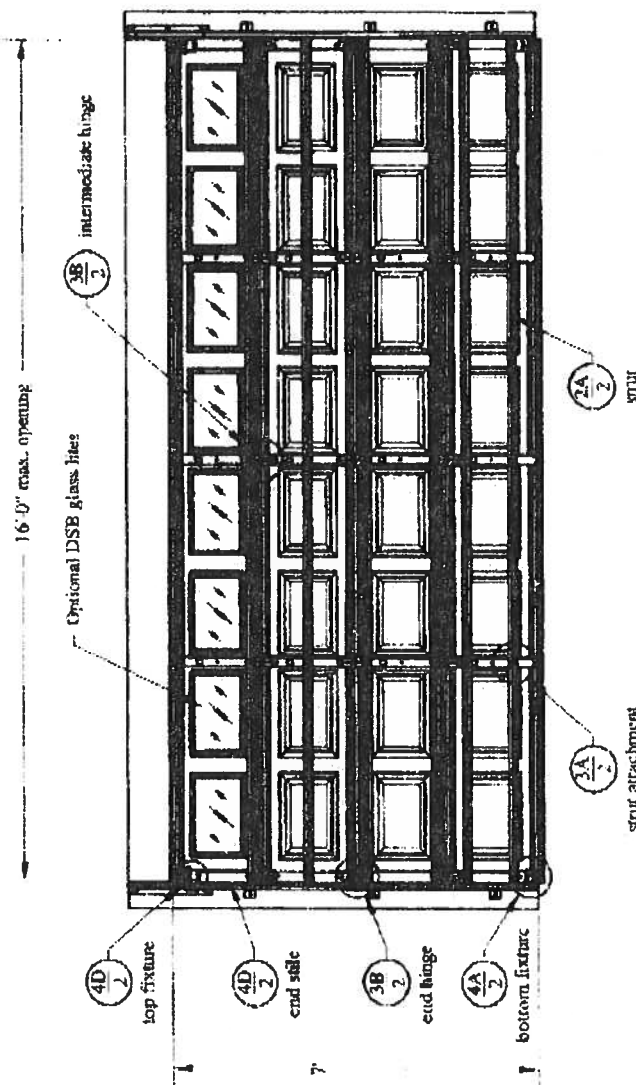
John E. Seales, P.E.
1411 E. May Street #315
Carrollton, Texas 75007
Florida P.E. # 51737

ms
10-25-2005
Model 225051 (16-0 wide)
C.H.I. Drawing Z3-1607-01100

Door Model	Gauge	Deserial
2250/2251	24	0185
4250/4251	24	0185
2240/2241	24	0225
4240/4241	24	0225
5240/5241	24	0225

door height	symmetry	symmetry	symmetry	symmetry	symmetry	symmetry	symmetry
6'-0" to 7'-0"	4	7	3				
7'-0" to 8'-0"	5	8	2				
8'-0" to 8'-9"	5	9	4				
9'-0" to 10'-6"	6	11	5				
10'-9" to 12'-3"	7	13	6				
12'-6" to 14'-0"	8	15	7				

Refer to Supplemental Instructions for
strut placement on doors over 7'-0" high



Track Bracket	door height	6'-0"	6'-9"	7'-0"	7'-9"	8'-0"	8'-3"	8'-6"	8'-9"
D	10"	81"	72"	63"	58"	53"	48"	43"	38"
C	65"	63"	58"	53"	48"	43"	38"	33"	28"
B	35"	35"	36"	34"	31"	28"	25"	22"	19"
A	10"	7"	10"	10"	7"	10"	4"	7"	10"

Track bracket locations shown above are for doors up to five 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 at a distance not greater than the corresponding section width.

Julian E. Stokes, P.E.
1411 LeMay Street #305
Carrollton, Texas 75007
Florida P.E. # 51737

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

This door has been tested in accordance with ANSI A561.1 (10-2002)

Design Pressure (DP): 18.5 psf / 20.7 psf

Test Pressure (TP): 27.6 psf / 31.1 psf

Per 2001a FBC Table 1609.6.2, DP meets or exceeds basic wind speed of:

V = 110 MPH for Exposure B and mean roof height of 30' or less.

V = 93 MPH for Exposure C and mean roof height of 30' or less.

Maximum door size: 16'-0" wide by 14'-0" tall

Clipping and doors have not been tested for windborne debris

Wood doors and supporting structural elements shall be designed by a

registered professional engineer for wind loads shown on this drawing

if applicable, and a secondary approved lock must be installed.

15 5419

page 1 of 2

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

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.

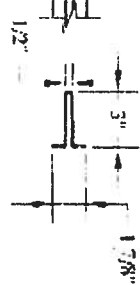
Each track bracket attached with one 1/4" x 5/8" track bolt and nut. Or two 3/4" x 11/32" rivets.

Design Load: 18.5 psf (20.7 mg)
Test Load: 27.8 psf (31.1 mg)
page 2 of 2

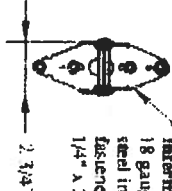
John E. Seavey, P.E.
1411 L. Miles Street #205
Carrollton, Texas 75007
Frienda P.E. # 51737

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

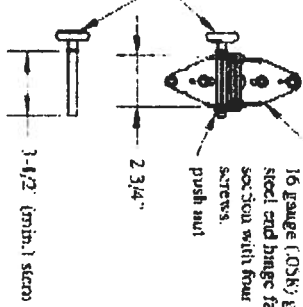
20 gauge (.044) 35 ksi galvanized steel 3" stud attached with two 1/4" x 5/4" screws per stile or hinge plate.



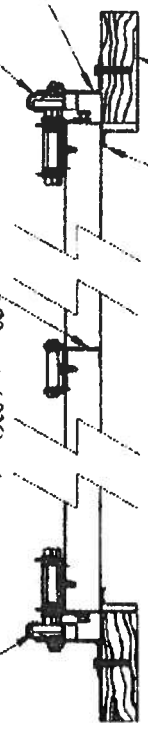
Intermediate Hinge 18 gauge (.047) galvanized steel intermediate hinge fastened to section with four 1/4" x 3/4" screws.



End Hinge 16 gauge (.038) galvanized steel end hinge fastened to section with four 1/4" x 3/4" screws.



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



2" x 3/16" (nominal) Stop molding required (not supplied by C.H.I.)

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

20 gauge (.036) end stile manufactured by C.H.I. Stile, if applicable, not shown for clarity.

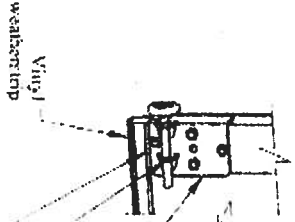


12 gauge (.095) galvanized steel track bracket fastened to wood jamb with one 5/16" x 1-5/8" wood lag screw per bracket.

2 x .051 min. galvanized steel track fastened to track brackets. Each track bracket attached with one 1/4" x 5/8" track bolt and nut.

2" steel track roller.

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



Alternative extrusion

weakened top

push nut

COLUMBIA COUNTY OFFICE CITY

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 13-4S-15-00353-000

Building permit No. 000024412

Use Classification SFD, UTILITY

Fire: 129.56

Permit Holder MACK ROBINSON

Waste: 201.00

Owner of Building RONALD & BRENDA MILLER

Total: 330.56

Location: 2144 SW BRIM STREET, LAKE CITY, FL

Date: 10/26/2006

Harry Dieke

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:1SVR487-Z0623143536

Truss Fabricator: Anderson Truss Company
Job Identification: 6-123--Mack Robinson Constructio Miller -- , **
Truss Count: 41
Model Code: Florida Building Code 2004
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Version 7.24.
Structural Engineer of Record: The identity of the structural EOR did not exist as of
the seal date per section 61G15-31.003(5a) of the FAC
Address:
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-02 -Closed

Notes:

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

Details: BRCLBSUB-CNBRGBLK-

#	Ref	Description	Drawing#	Date
1	99305--A1		06082086	03/23/06
2	99306--A2		06082087	03/23/06
3	99307--A3		06082088	03/23/06
4	99308--A4		06082089	03/23/06
5	99309--A5		06082090	03/23/06
6	99310--A6		06082091	03/23/06
7	99311--A7		06082092	03/23/06
8	99312--B1		06082093	03/23/06
9	99313--B2		06082094	03/23/06
10	99314--B3		06082095	03/23/06
11	99315--B4		06082096	03/23/06
12	99316--B5		06082097	03/23/06
13	99317--B6		06082098	03/23/06
14	99318--B7		06082099	03/23/06
15	99319--B8		06082100	03/23/06
16	99320--B9		06082101	03/23/06
17	99321--B10		06082102	03/23/06
18	99322--C1		06082103	03/23/06
19	99323--C2G		06082104	03/23/06
20	99324--C3-GE		06082105	03/23/06
21	99325--C4		06082106	03/23/06
22	99326--C5		06082107	03/23/06
23	99327--D1-GE		06082108	03/23/06
24	99328--D2		06082074	03/23/06
25	99329--D3G		06082109	03/23/06
26	99330--HJ7		06082110	03/23/06
27	99331--EJ7		06082075	03/23/06
28	99332--J5		06082076	03/23/06
29	99333--J3		06082077	03/23/06
30	99334--J1		06082111	03/23/06
31	99335--HJK		06082112	03/23/06
32	99336--J1K		06082078	03/23/06
33	99337--J2K		06082079	03/23/06
34	99338--J3K		06082113	03/23/06
35	99339--J4K		06082080	03/23/06
36	99340--J5K		06082081	03/23/06

#	Ref	Description	Drawing#	Date
37	99341--J6K		06082082	03/23/06
38	99342--J7K		06082083	03/23/06
39	99343--K1		06082114	03/23/06
40	99344--K2		06082084	03/23/06
41	99345--K3		06082085	03/23/06

Seal Date: 03/23/2006

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



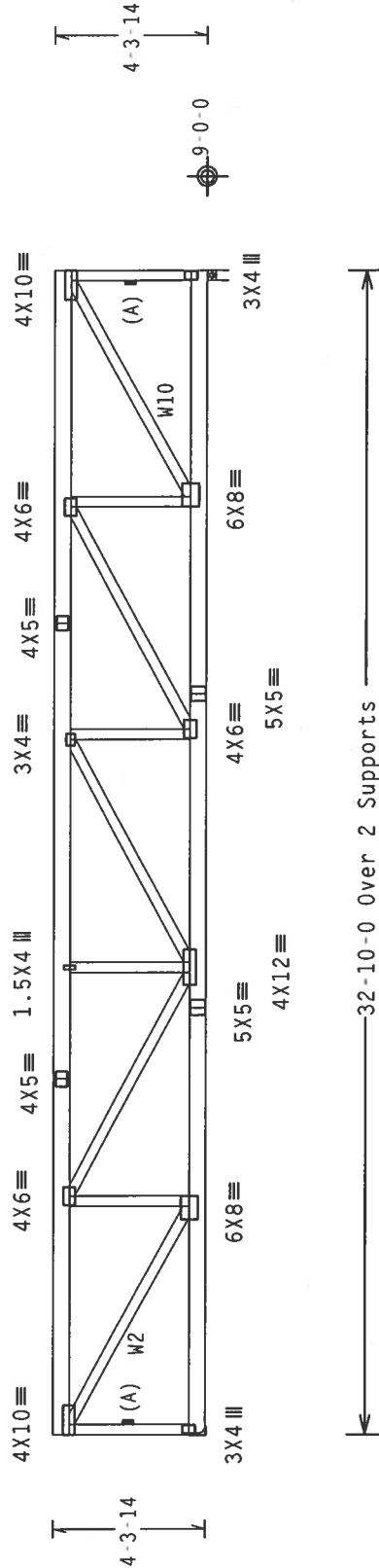
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Max JT VERT DEFL: LL: 0.21" DL: 0.33" recommended camber 1/2"

^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.

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

Truss must be installed as shown with top chord up.



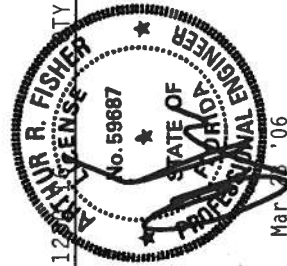
R=2712 U=290 H=Simpson HUS26
w/ (6) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder
Girder is (2)2x6 min. So.Pine

R-2712 U-290 W-3.5"

PLT TYP. Wave

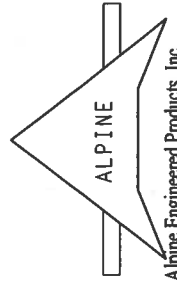
Scale = .1875"/Ft.

TC LL	20.0	PSF	REF	R487--	99305
TC DL	10.0	PSF	DATE	03/23/06	
BC DL	10.0	PSF	DRW	HCUSR487	06082086
BC LL	0.0	PSF	HC-ENG	JB/AF	
TOT.LD.	40.0	PSF	SEQN-	92446	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	1SVR487_Z06	



WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCS 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE BLVD., DUFFERIN DR., SUITE 200, MADISON, WI 53719, AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE BLVD., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

***INSTALLER SHALL FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERS
PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE
TRUSS IN CONFORMANCE WITH TP1: PROVIDING, HANDLING, SHIPPING, INSTALLING, BRACING OF TRUSSES. ALPINE ENGINEERS
DESIGNER SHALL BE RESPONSIBLE FOR THE TRUSS DESIGN (SEE SPEC. BY AFPA) AND TP1: ALPINE
CONNECTION PLATES WERE MADE OF 2018/19/20/21/22/23/24/25/26/27/28/29/30/31/32/33/34/35/36/37/38/39/40/41/42/43/44/45/46/47/48/49/50/51/52/53/54/55/56/57/58/59/60/61/62/63/64/65/66/67/68/69/70/71/72/73/74/75/76/77/78/79/80/81/82/83/84/85/86/87/88/89/90/91/92/93/94/95/96/97/98/99/100/101/102/103/104/105/106/107/108/109/110/111/112/113/114/115/116/117/118/119/120/121/122/123/124/125/126/127/128/129/130/131/132/133/134/135/136/137/138/139/140/141/142/143/144/145/146/147/148/149/150/151/152/153/154/155/156/157/158/159/160/161/162/163/164/165/166/167/168/169/170/171/172/173/174/175/176/177/178/179/180/181/182/183/184/185/186/187/188/189/190/191/192/193/194/195/196/197/198/199/200/201/202/203/204/205/206/207/208/209/210/211/212/213/214/215/216/217/218/219/220/221/222/223/224/225/226/227/228/229/230/231/232/233/234/235/236/237/238/239/240/241/242/243/244/245/246/247/248/249/250/251/252/253/254/255/256/257/258/259/260/261/262/263/264/265/266/267/268/269/270/271/272/273/274/275/276/277/278/279/280/281/282/283/284/285/286/287/288/289/290/291/292/293/294/295/296/297/298/299/300/301/302/303/304/305/306/307/308/309/310/311/312/313/314/315/316/317/318/319/320/321/322/323/324/325/326/327/328/329/330/331/332/333/334/335/336/337/338/339/340/341/342/343/344/345/346/347/348/349/350/351/352/353/354/355/356/357/358/359/360/361/362/363/364/365/366/367/368/369/370/371/372/373/374/375/376/377/378/379/380/381/382/383/384/385/386/387/388/389/390/391/392/393/394/395/396/397/398/399/400/401/402/403/404/405/406/407/408/409/410/411/412/413/414/415/416/417/418/419/420/421/422/423/424/425/426/427/428/429/430/431/432/433/434/435/436/437/438/439/440/441/442/443/444/445/446/447/448/449/450/451/452/453/454/455/456/457/458/459/460/461/462/463/464/465/466/467/468/469/470/471/472/473/474/475/476/477/478/479/480/481/482/483/484/485/486/487/488/489/490/491/492/493/494/495/496/497/498/499/500/501/502/503/504/505/506/507/508/509/510/511/512/513/514/515/516/517/518/519/520/521/522/523/524/525/526/527/528/529/530/531/532/533/534/535/536/537/538/539/540/541/542/543/544/545/546/547/548/549/550/551/552/553/554/555/556/557/558/559/560/561/562/563/564/565/566/567/568/569/570/571/572/573/574/575/576/577/578/579/580/581/582/583/584/585/586/587/588/589/590/591/592/593/594/595/596/597/598/599/600/601/602/603/604/605/606/607/608/609/610/611/612/613/614/615/616/617/618/619/620/621/622/623/624/625/626/627/628/629/630/631/632/633/634/635/636/637/638/639/640/641/642/643/644/645/646/647/648/649/650/651/652/653/654/655/656/657/658/659/660/661/662/663/664/665/666/667/668/669/670/671/672/673/674/675/676/677/678/679/680/681/682/683/684/685/686/687/688/689/690/691/692/693/694/695/696/697/698/699/700/701/702/703/704/705/706/707/708/709/710/711/712/713/714/715/716/717/718/719/720/721/722/723/724/725/726/727/728/729/730/731/732/733/734/735/736/737/738/739/740/741/742/743/744/745/746/747/748/749/750/751/752/753/754/755/756/757/758/759/760/761/762/763/764/765/766/767/768/769/770/771/772/773/774/775/776/777/778/779/780/781/782/783/784/785/786/787/788/789/790/791/792/793/794/795/796/797/798/799/800/801/802/803/804/805/806/807/808/809/810/811/812/813/814/815/816/817/818/819/820/821/822/823/824/825/826/827/828/829/830/831/832/833/834/835/836/837/838/839/840/841/842/843/844/845/846/847/848/849/850/851/852/853/854/855/856/857/858/859/860/861/862/863/864/865/866/867/868/869/870/871/872/873/874/875/876/877/878/879/880/881/882/883/884/885/886/887/888/889/890/891/892/893/894/895/896/897/898/899/900/901/902/903/904/905/906/907/908/909/910/911/912/913/914/915/916/917/918/919/920/921/922/923/924/925/926/927/928/929/930/931/932/933/934/935/936/937/938/939/940/941/942/943/944/945/946/947/948/949/950/951/952/953/954/955/956/957/958/959/960/961/962/963/964/965/966/967/968/969/970/971/972/973/974/975/976/977/978/979/980/981/982/983/984/985/986/987/988/989/990/991/992/993/994/995/996/997/998/999/1000/1001/1002/1003/1004/1005/1006/1007/1008/1009/1010/1011/1012/1013/1014/1015/1016/1017/1018/1019/1020/1021/1022/1023/10



Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # S67

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

Max JT VERT DEFL: LL: 0.10" DL: 0.15" recommended camber 1/4"
(A) Continuous lateral bracing equally spaced on member.

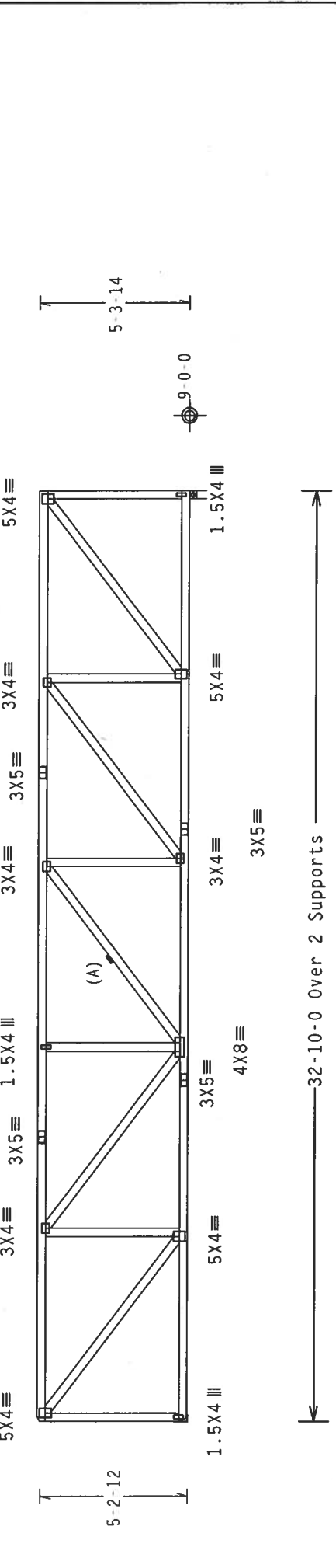
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, 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.

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

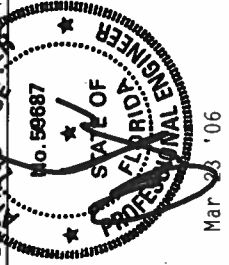
Scale = .1875" / Ft.



R=1302 U=180 H-Simpson HUS26
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder
Girder is (2)2X6 min. So.Pine

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.18

PLT TYP. Wave	TC LL 20.0 PSF	FL / - 4 / - / R / -	Scale = .1875" / Ft.
	TC DL 10.0 PSF	REF R487 - - 99306	
	BC DL 10.0 PSF	DATE 03/23/06	
	BC LL 0.0 PSF	DRW HCUSR487 06082087	
	TOT.LD. 40.0 PSF	HC-ENG JB/AF	
	DUR.FAC. 1.25	SEQN- 92440	
	SPACING 24.0"	JREF- 1SVR487_Z06	



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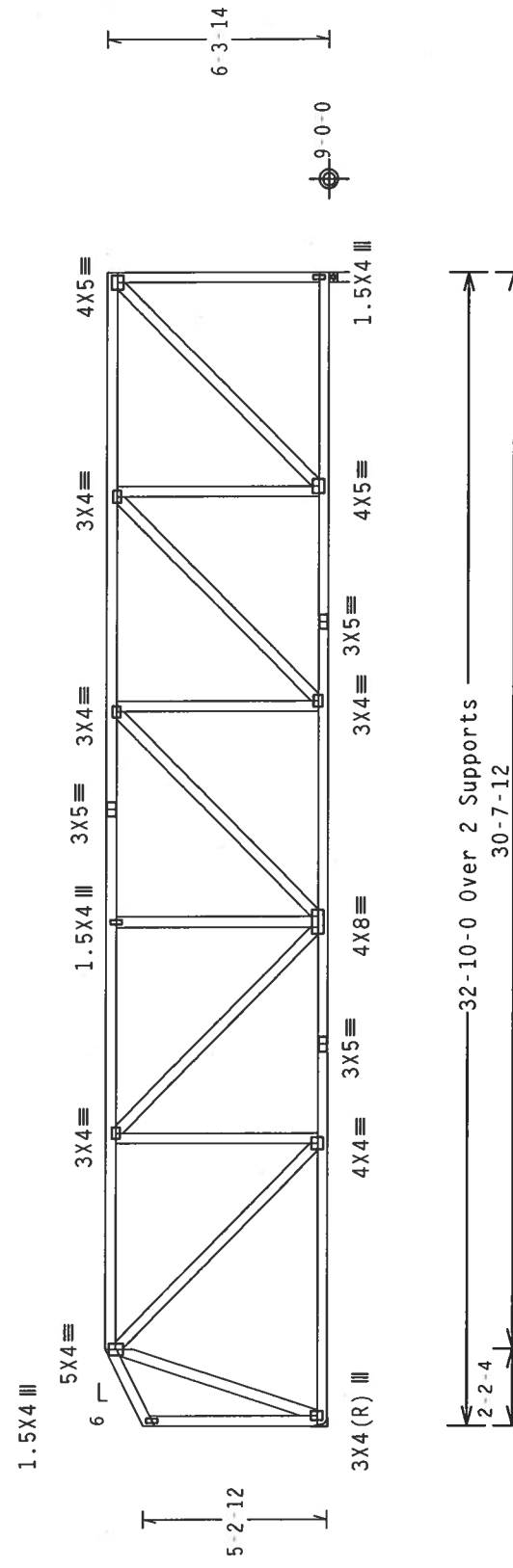
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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, 15.00 ft mean hgt, ASCE 7-02, 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.

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

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



R=1352 U=180 H=Simpson HUS26
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder
Girder is (2)2x6 min. So.Pine

R=1352 U=180 W=3.5"

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0)

Scale = .1875"/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"

PLT TYP. Wave

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

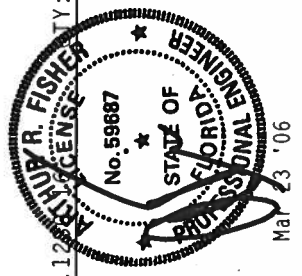
REF R487-- 99307
DATE 03/23/06
DRAW HCUSR487 06082088
HC-ENG JB/AF
SEON- 92434
JREF- 1SVR487_Z06

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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD 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 TO 2018/1864 (M-17/57A) ASTM A653 GRADE 40/80 (N. K7H-SI) GALV. STEEL. APPLY ANY INSPECTION OF PLATES FOLLOWED BY TPI. ALL TRUSSES SHALL BE PERMANENTLY IDENTIFIED BY A TPI IDENTIFICATION NUMBER. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENTS DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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DESIGNER'S NAME AND ADDRESS	DESIGNER'S PHONE NO.	DESIGNER'S FAX NO.
1950 Marley Drive Haines City, FL 33844 FL Certificate of Authorization # 567	THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGNER. THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.	JREF- 1SVR487_Z01 SPACING 24.0"

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Lt Slider 2x4 SP #3: BLOCK LENGTH = 2.123'

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

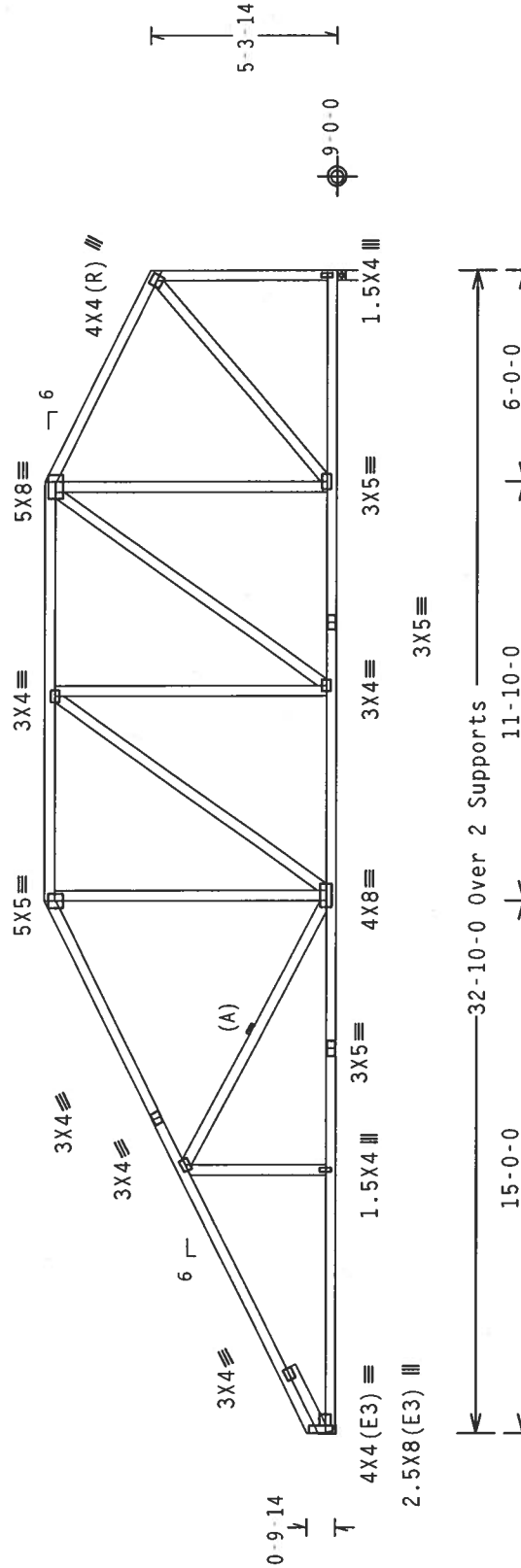
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

Right end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.



R=1352 U=180 H-Simpson HUS26
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder
Girder is (2)2X6 min. So.Pine

R=1352 U=180 W=3.5"

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.10

FL/-4/-/-R/-

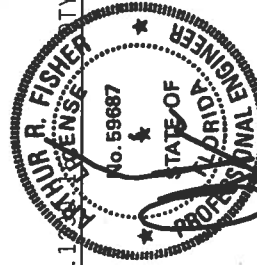
Scale = .1875"/Ft.

****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 O'CONNOR 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. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/18/18GA (W.47/5/4) ASTM A653 GRADE 40/60 (W. 47/5) GALV. STEEL. APPLY TO ALL TRUSSES EXCEPT FOR TRUSSES ON PERMANENT FOUNDATIONS. PERMANENT FOUNDATIONS SHALL BE ANY INSPECTION OF PLATES FOLLOWED BY TPI SHALL PERMANENTLY BE RESPONSIBLE FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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



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--	99309
DATE	03/23/06	
DRW	HCUSR487	06082090
HC-ENG	JB/AF	
SEQN-	92419	
JREF-	1SVR487_Z06	

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

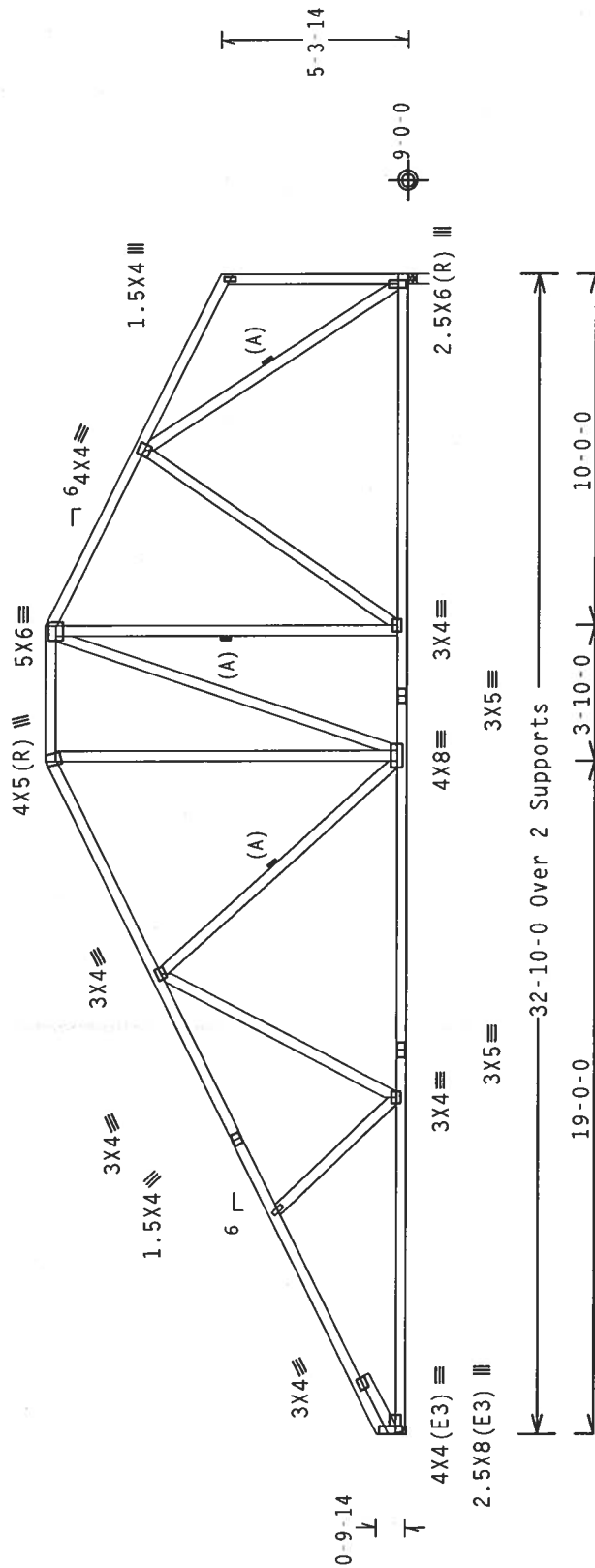
Right end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

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

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

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



R=1352 U=180 H-Simpson HUS26
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder
Girder is (2)2x6 min. So.Pine

R=1352 H=180 W=3.5"

PLT TYP. Wave

Scale = .1875"/ft.

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

PROPERTY: 1

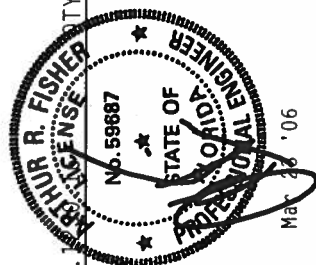
7.24. K

 $C_g/RT=1.00(1.25)/10(0)$

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PLT TYP. Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI TRUSS BUILDING COMPONENTS INFORMATION SHEET FOR COMPLETE DETAILS OF THE BCS-1000 TRUSS SYSTEM. BCS-1000 IS A REGISTERED TRADEMARK OF BCSI, INC., 963 N. GOLFVIEW DR., SUITE 200, MADISON, WI 53719. AND WCA LUMBER TRUSS COUNCIL, 1800 E. MICHIGAN ST., SUITE 200, MADISON, WI 53719. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED RIGID CEILING.

[illegible]

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Haines City, FL 33844
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James City, LE 55044
FL Certificate of Authorization # S67

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Lt Slider 2x4 SP #3: BLOCK LENGTH = 1.500'

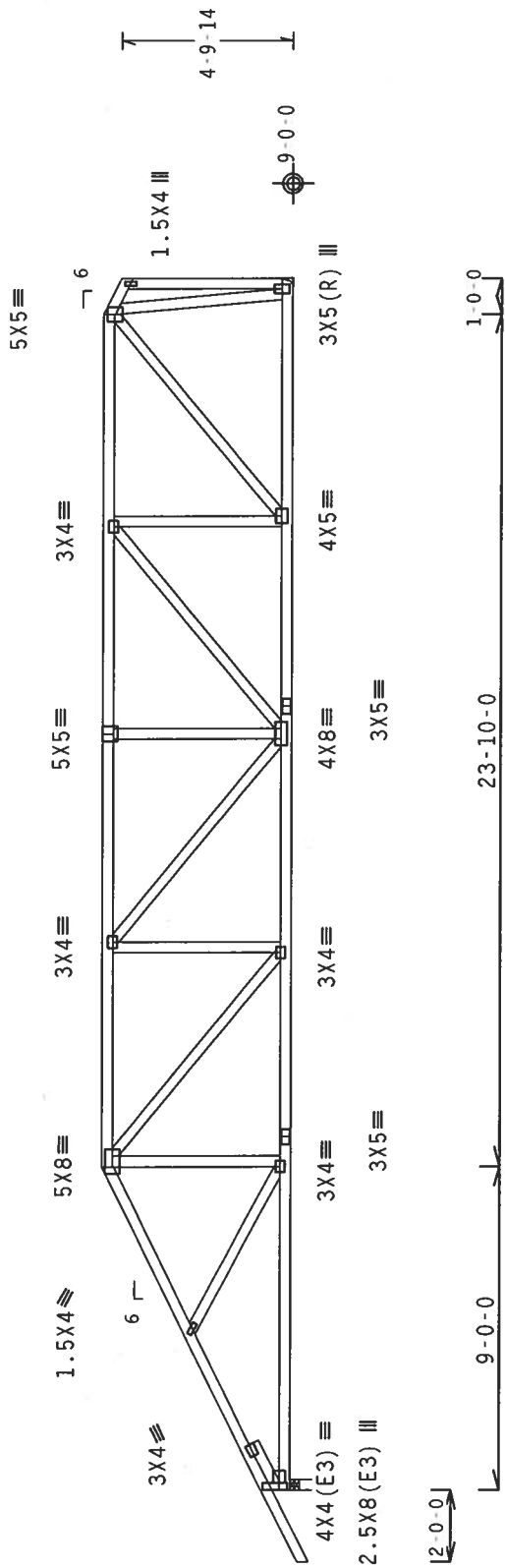
H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, 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.

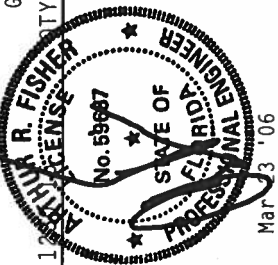
Right end vertical not exposed to wind pressure.

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



R=1531 U-180 W=3.5"

R-1389 U=180 H=Simpson HUS26
w/ (4) 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



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

****IMPORTANT**** 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 AFAPA) AND TPI. ALPINE CONNECTION PLATES ARE MADE OF 2018/16GA (W.4/5X) ASTM A653 GRADE 40/60 (W. K/H-S) GALV. STEEL. APPLY ANY INSULATION FACE AFTER TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-Z. ANY INSPECTION FACE AFTER TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-Z. 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.

PLT TYP. Wave

Design Crit: TPI-2002 (STD) /FBC
Cq/RT=1.00(1.25)/10(0) 7.24.13

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

TC LL	20.0 PSF	REF	R487--	99313
TC DL	10.0 PSF	DATE	03/23/06	
BC DL	10.0 PSF	DRW	HCUSR487	06082094
BC LL	0.0 PSF	HC-ENG	JB/AF	
TOT.LD.	40.0 PSF	SEQN-	4697	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1SVR487_Z06	

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Lt Slider 2x4 SP #3: BLOCK LENGTH = 1.681'

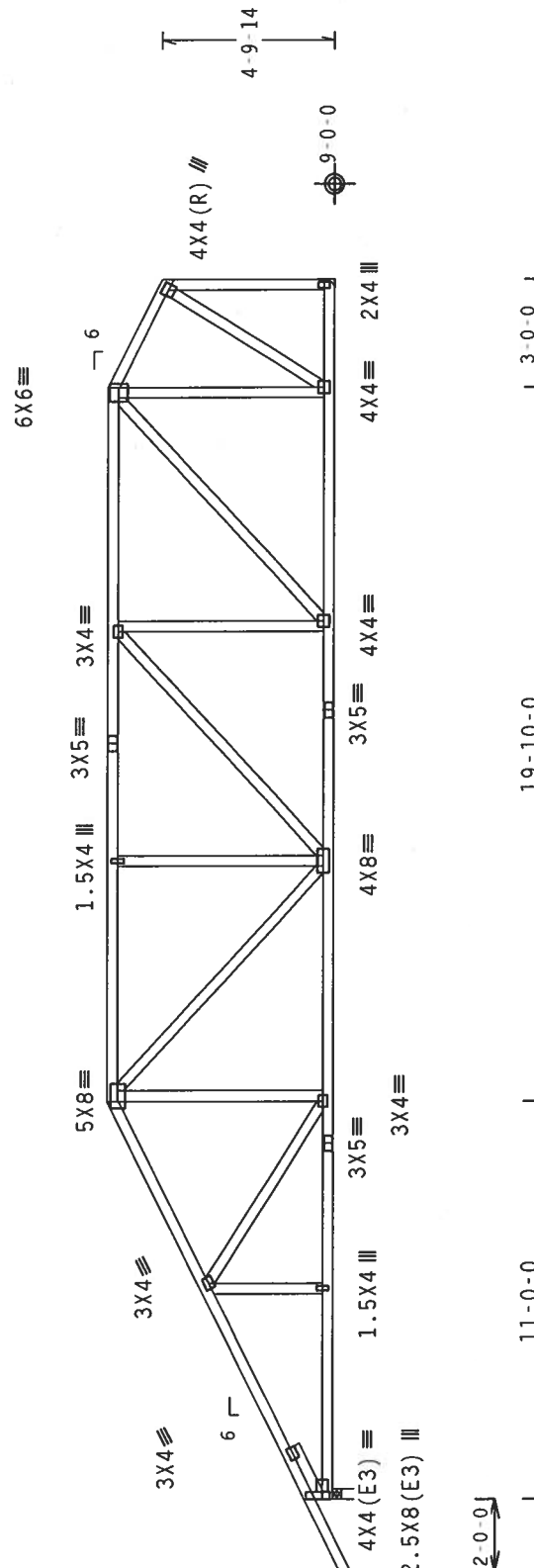
H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, 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.

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



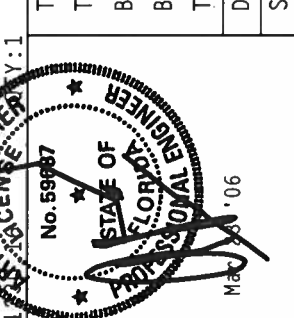
PLT TYP. Wave

R=1389 U=180 H=Simpson HUS26
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
(14) 10d Common, 0.148"x3.0" nails in Girder
is (1)2X6 min. So.Pine

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1

Scale = .1875" / Ft.

ALPINE		TC LL	20.0 PSF	REF	R487--	99314
		TC DL	10.0 PSF	DATE	03/23/06	
		BC DL	10.0 PSF	DRW	HCUSR487	06082095
		BC LL	0.0 PSF	HC-ENG	JB/AF	
		TOT.LD.	40.0 PSF	SEQN-	4708	
		DUR.FAC.	1.25			
		SPACING	24.0"	JREF-	1SVR487_Z06	



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

ALPINE

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 AFAPA) AND TPI. ALPINE CONNECTION PLATES ARE MADE OF 2018/16GA (W.475/4) ASTM A653 GRADE 40/60 (W. K/H-S) GALV. STEEL. APPLY ANY INSPECTION OF PLATES FOLLOWED BY INSPECTION OF THE TRUSS COMPONENTS. 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. 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 AFAPA) AND TPI. ALPINE CONNECTION PLATES ARE MADE OF 2018/16GA (W.475/4) ASTM A653 GRADE 40/60 (W. K/H-S) GALV. STEEL. APPLY ANY INSPECTION OF PLATES FOLLOWED BY INSPECTION OF THE TRUSS COMPONENTS. 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
	Webbs	2x4	SP	#3	

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



ALPINE

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

STATE OF FLORIDA
ENGINEER

DATE 10.0 PSF 10.0 PSF 10.0 PSF
DRW HCUSR487 BC DL BC DL BC DL
HC-ENC 1B/1 0 0 BSE

ALPINE		FL Certificate of Authorization # 567
		 MAY 23 '06
TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONDITIONS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AIA/PFA) AND TPI-TEEL, PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING 180A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TP11-2002 SEC.3. A SEAL ON THE 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. Z.		TOT.LD. DUR.FAC. SPPACING
	Alpine Engineered Products, Inc. 1950 Hardy Drive Haines City, FL 33844	SEQN- JREF-
		HC-ENS UBT PJF V.V FST
		UC LL PSF 1.25 "
		47 - 1SVR

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

:Rt Slider 2x4 SP #3: BLOCK LENGTH = 1.500'

Left end vertical not exposed to wind pressure.

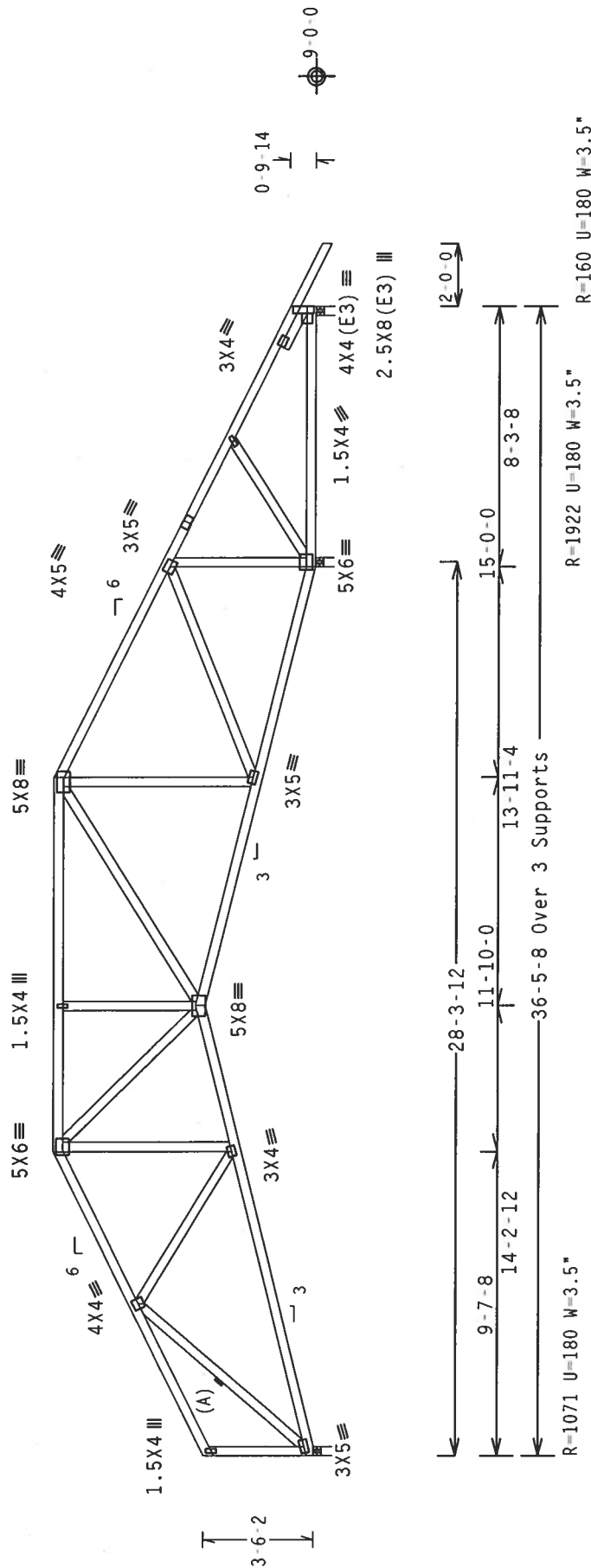
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, 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.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, 8C @ 24" OC.

Shim all supports to solid bearing.



Design Crit: TPI-2002(STD)/FBC

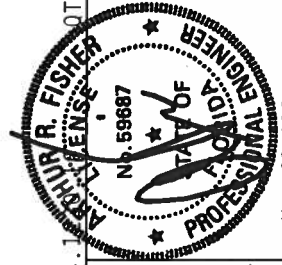
Cq/RT=1.00(1.25)/10(0)

7-24-11

QTY:1

FL/-4/-/-R/-

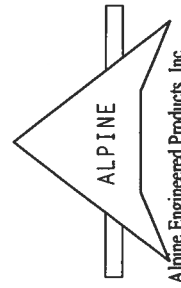
Scale = .1875"/Ft.



Mar 23 '06

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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/1766A (N/A/S/K) ASTM A553 GRADE 40/60 (N/A/S) GALV. STEEL. APPLY PLATE TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 10A-Z. ALPINE INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS DESIGN 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.



FL Certificate of Authorization # 567

TC LL	20.0 PSF	REF	R487--	99316
TC DL	10.0 PSF	DATE	03/23/06	
BC DL	10.0 PSF	DRW	HCUSR487	06082097
BC LL	0.0 PSF	HC-ENG	JB/AF	
TOT.LD.	40.0 PSF	SEQN-	4724	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1SVR487_Z06	

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Rt Slider 2x4 SP #3: BLOCK LENGTH = 1.500'

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, 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.

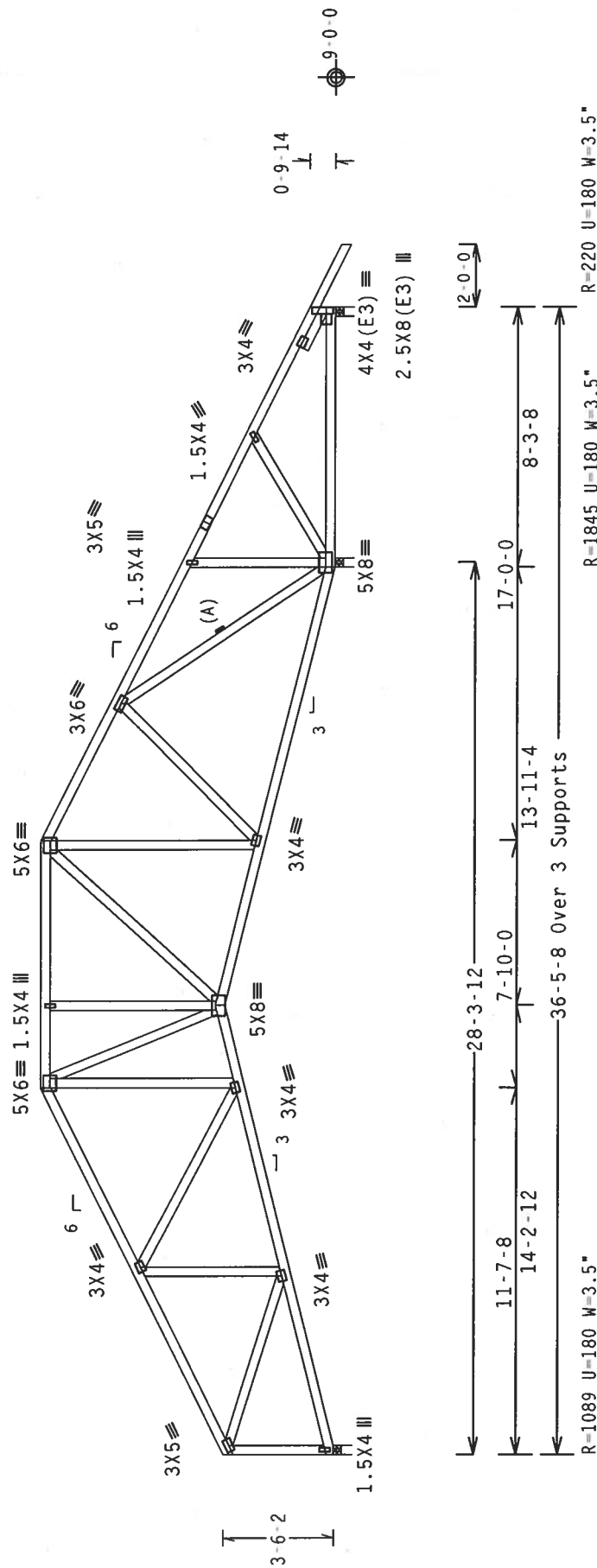
(A) Continuous lateral bracing equally spaced on member.

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

Shim all supports to solid bearing.

Left end vertical not exposed to wind pressure.

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

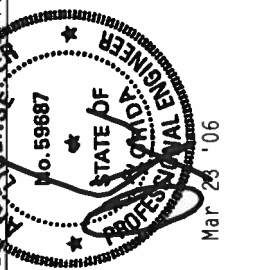
Design Crit: TPI - 2002(STD)/FBC
Cq/RT=1.00(1.25)

FL / - / 4 / - / - / R / -
Scale = 1875" / Ft.

WARNING: THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLATION AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TOP TRUSS PLATE, INC., 383 W. O'NEFF RD., SUITE 200, MADISON, WI 53719, AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE, W. 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. ALDINE ENGINEERS AND 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. ALDINE CONNECTOR PLATES TO BE USED OF 20/18/16GA (M/H/5) ASTM A653 GRADE 40/60 (M/H/5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED IN THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER 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 ANNEX/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"



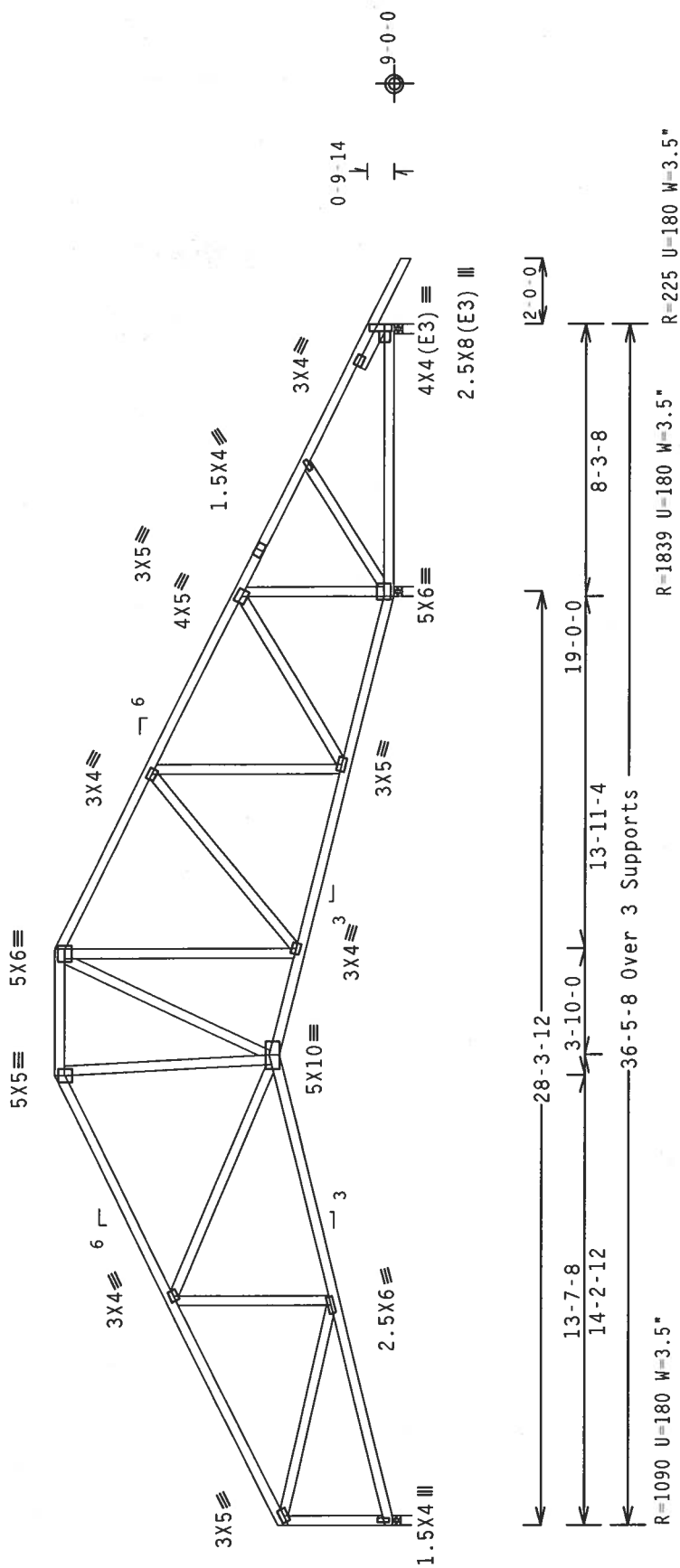
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

110 mph wind, 15.00 ft mean hgt., ASCE 7-02, 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.

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

Shim all supports to solid bearing.

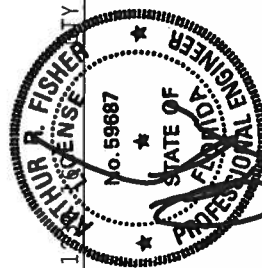
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



PLT TYP. Wave

Scale = .1875"/Ft.

TC LL	20.0 PSF	REF R487-- 99318
TC DL	10.0 PSF	DATE 03/23/06
BC DL	10.0 PSF	DRW HCUR487 06082099
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	40.0 PSF	SEQN- 4742
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SVR487_Z06



Mar 23, '06

*****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERS & PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DOES NOT CONFORM WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY APA) AND TPEL. ALPINE ENGINEERS & PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DOES NOT CONFORM WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY APA) AND TPEL.

PLATES TO EACH FACE OF FLOORS AND CEILING UNLESS OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 160A-Z.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANEX A OF TPI-2002 SEC.3.

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF THIS DESIGN. NO OTHER PART OF THIS DOCUMENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANEX(TPI 1 SEC.2).

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, 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.

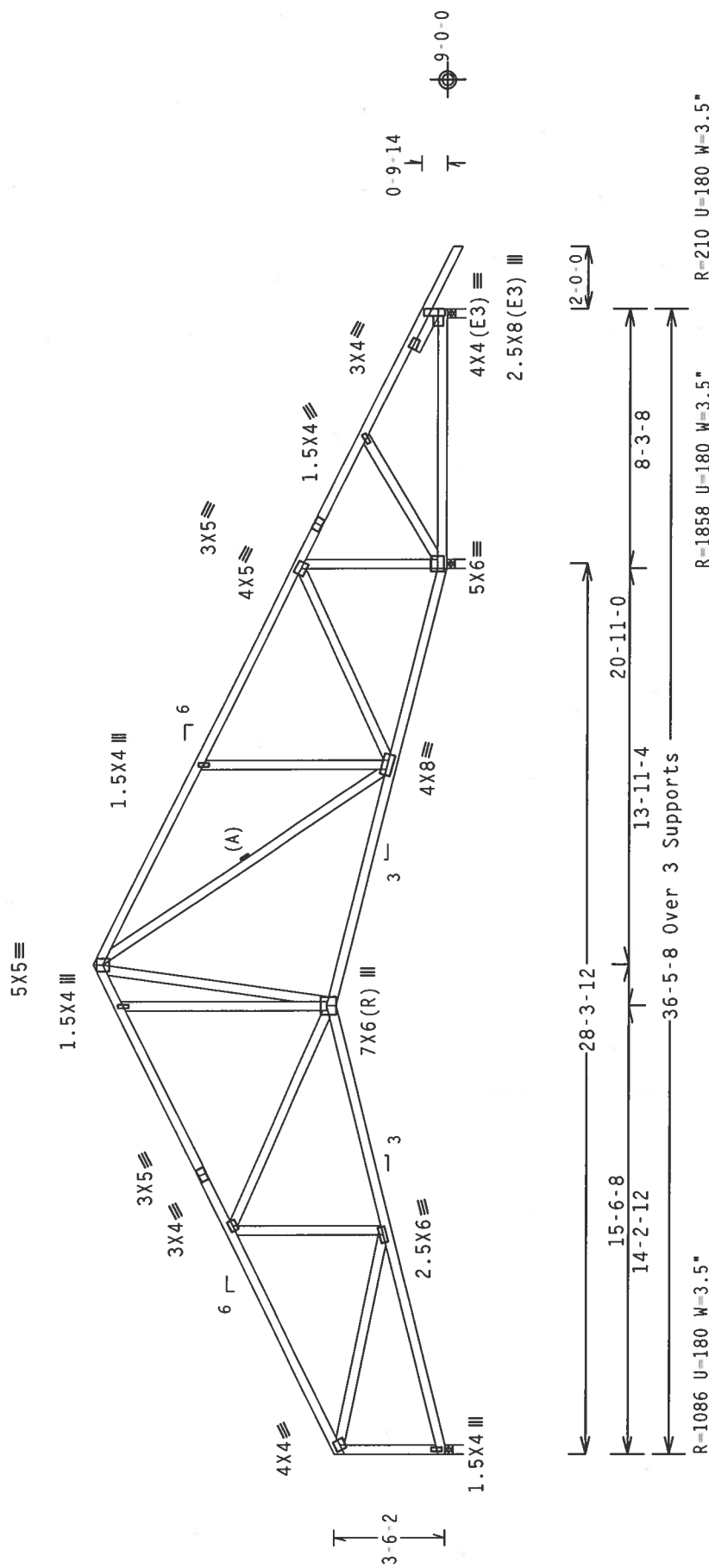
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

Shim all supports to solid bearing.

Top chord 2x4 Sp #2 Dense
Bot chord 2x4 Sp #2 Dense
Webs 2x4 Sp #3
:Rt Slider 2x4 Sp #3: BLOCK LENGTH = 1.500'

Left end vertical not exposed to wind pressure.

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



R=1086 U=180 W=3.5"

R=1858 H=180 W=35"

R=210 U=180 W=3.5"

Design Crit: TPI-2002(STD)/FBC

Scale = .1875"/Ft.

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

PROPERTY:

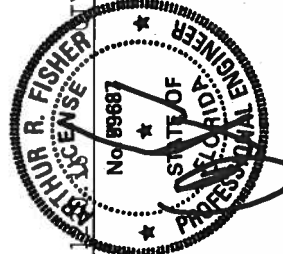
 $Cq/RT=1.00(1.25)/10(0) \quad 7.$

5
6
7
8
9
10
11

PLT TYP. Wave

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLATION AND BRACING. REFER TO BCS1 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFIO DR., SUITE 200, MADISON, WI 53719) AND NCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC., SHALL BE RESPONSIBLE FOR ANY FAILURE OF BUILDING TRUSS DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. THE DESIGN CONFORMS WITH TPI 1 OR FABRICATING NATIONAL SPEC. BY AFSPA) AND TPI 1. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GSS (M, H/2X) ASTM A553 GRADE 40/60 (W, H/1.5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. IF ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX 4 OF TPI 1 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SATISFACTORY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANS/TPI 1 SEC. 2.



Mar 23 '06

JREF- 1SVR487_Z06

SPACING 24.0"

BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

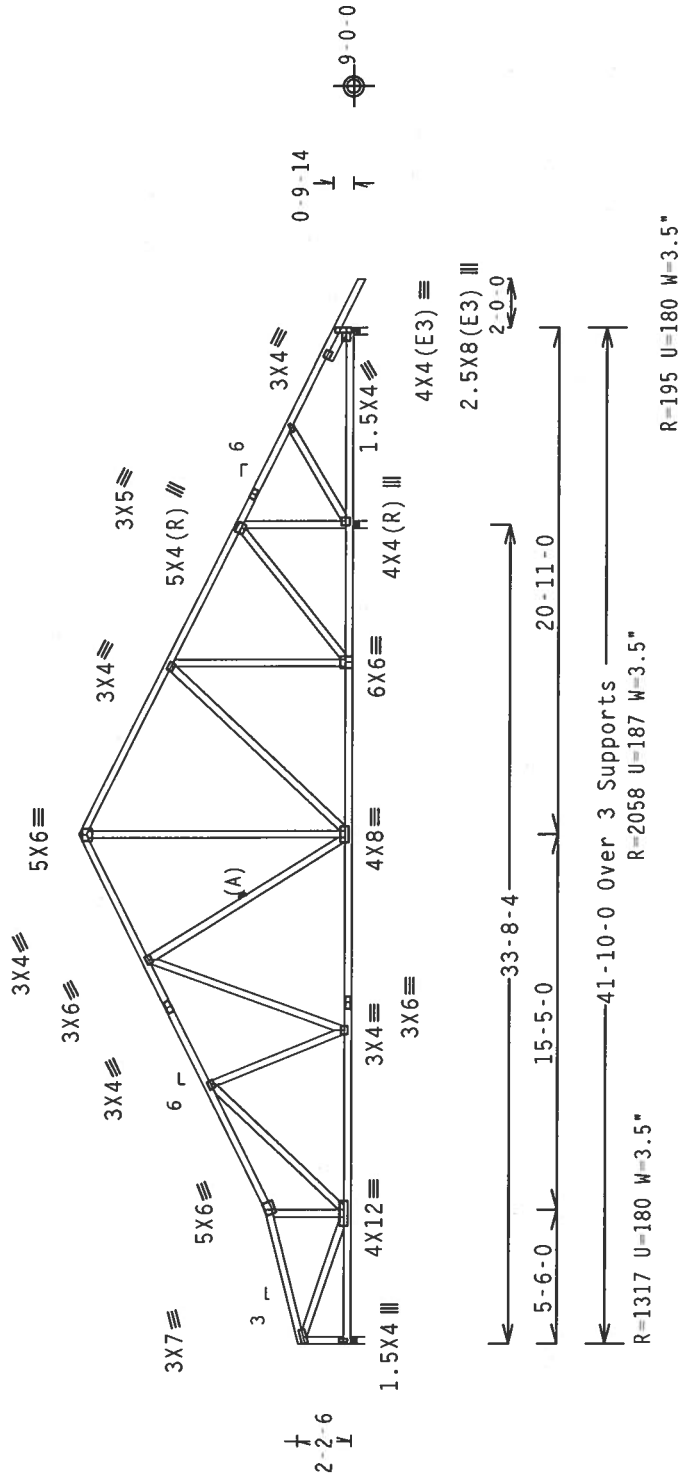
Haines City, FL 33844
FL Certificate of Authorization # 567

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 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.

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

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

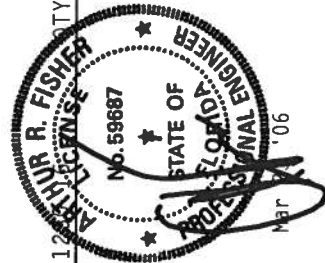


Design Crit: TPI-2002(STD)/FBC

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

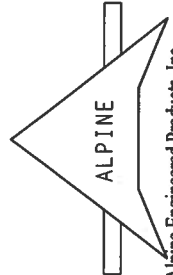
$$Scale = .125" / Ft.$$

TC LL	20.0 PSF	REF R487 - - 99320
TC DL	10.0 PSF	DATE 03/23/06
BC DL	10.0 PSF	DRW HCUSR487 06082101
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	40.0 PSF	SEQN- 4777
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SVR487_Z06



WARNING: THESE REQUIRE EXISTING CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCS1-1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TP, INC., 303 S. D'ORFIO DR., SUITE 200, MADISON, WI 53719, AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE DR., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID GUSSET.

***IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERS
STRUCTURES, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE
TRUSS IN CONFORMANCE WITH TPI:
CONFORMS WITH AVECA CODE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE
ENGINEERS SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE CONNECTIONS TO THE WALLS. THE
PLATES TO EACH FACE OF THE 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 TPI1 2002 SEC.3. A SEAL ON THIS
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT
OF THIS DESIGN. THE USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE
BUILDING DESIGNER PER TPI1 SEC.3.11.1.



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
Webs 2x4 SP #3

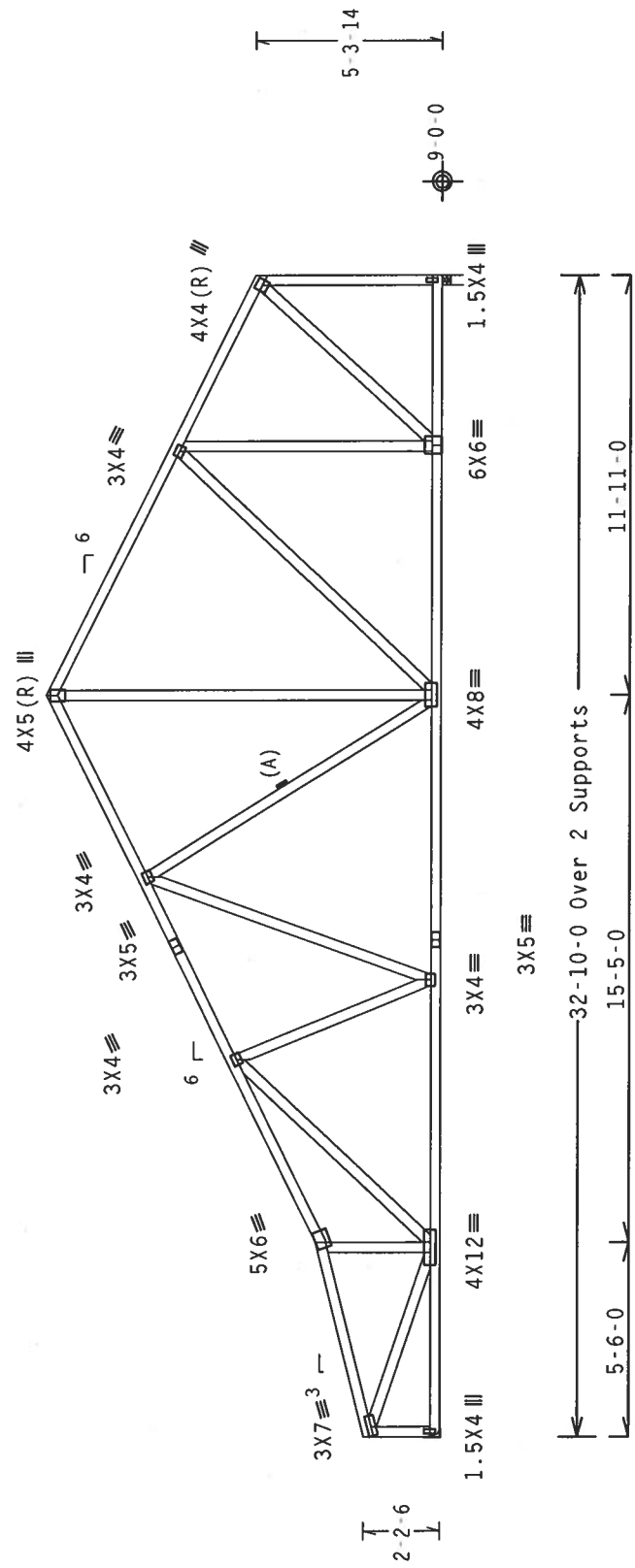
H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

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

110 mph wind, 15.74 ft mean hgt, ASCE 7-02, 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.

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



R=1343 U-180 H-Simpson HUS26
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So.Pine

R=1351 U=180 W=3.5"

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.18

Scale = .1875" / Ft.

ALPINE

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

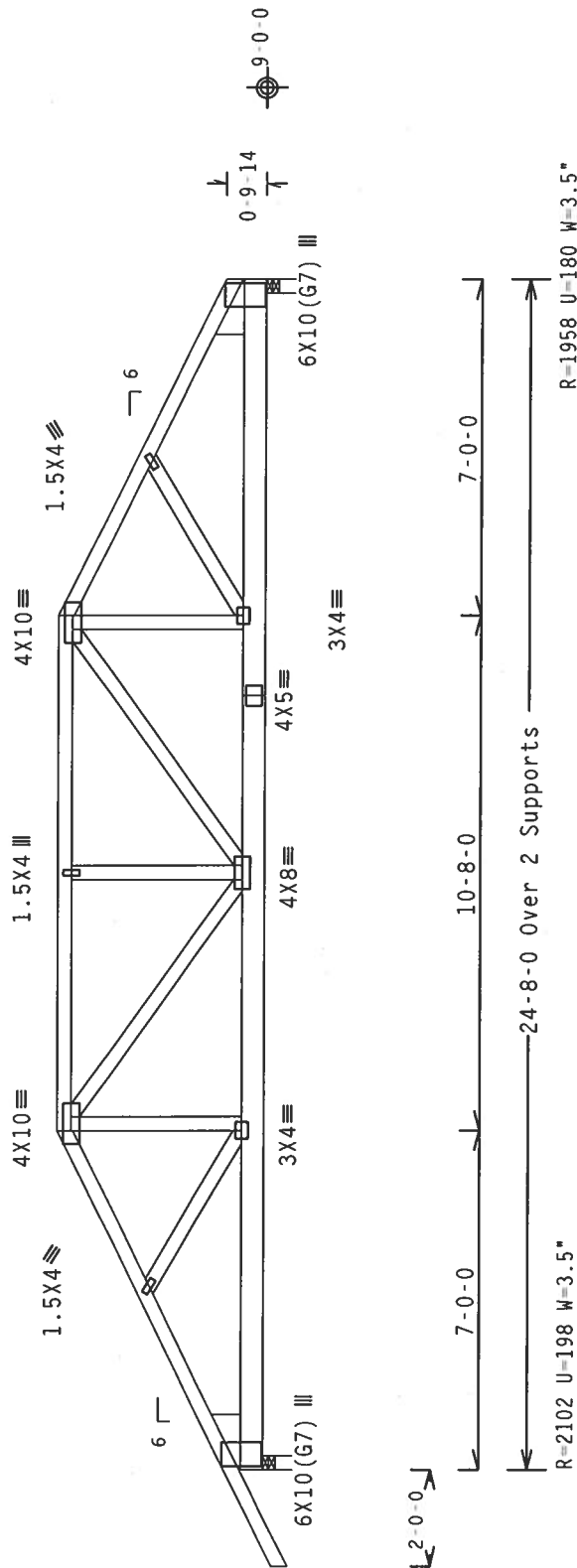
TC LL	20.0 PSF
TC DL	10.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	40.0 PSF
DUR.FAC.	1.25
SPACING	24.0"
REF	R487-- 99321
DATE	03/23/06
DRW	HCUSR487 06082102
HC-ENG	JB/AF
SEON-	4788
JREF-	1SVR487_Z06

Top chord 2x4 SP #2 Dense
Bot chord 2x6 SP #1 Dense
Webs 2x4 SP #3
:Lt Stubb'd Wedge 2x8 SP #1 Dense:
:Rt Stubb'd Wedge 2x8 SP #1 Dense:
#1 hip supports 7-0-0 jacks with no webs.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

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



R=2102 U=198 W=3.5"

-24-8-0 Over 2 Supports

R-1958 U-180 W-3.5"

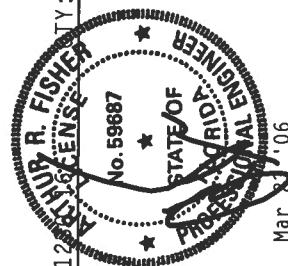
Design Crit: TPI-2002(STD)/FBC

$$Cq/RT=1.00(1.25)/10(0)$$
FL/-/4/-/-/R/-
Scale = .25"/Ft.

128TH HULL COUNTY FISHERIES COMMISSION TY: 1

*****WARNING*** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO THE FOLLOWING INFORMATION, PUBLISHED BY THE CHASSIS PLATE INSTITUTE, INC. 1801 O'NEAL RD., SUITE 100, MADISON, WI 53719. OR CHASSIS PLATE INSTITUTE, INC. 1801 O'NEAL RD., SUITE 100, MADISON, WI 53719. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. THE TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.**

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERS AND DESIGNERS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS CONTRACT. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE SPECIFICATIONS OF THIS CONTRACT, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, SHALL BE THE SOLE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. PROVIDE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND AISC STEEL CONNECTIONS. ALL WELDS SHALL BE MADE TO THE REQUIREMENTS OF THE AISC STEEL CONNECTIONS. PROVIDE ALL PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A, 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF TP11 2002 SEC. 3. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF THIS DESIGN. THE REMAINING PORTION OF THIS CONTRACT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEX 11.1 SEC. 2.



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

FL Certificate of Authorization # 567
Haines City, FL 33844

TC LL	20.0 PSF	REF	R487 - - 99322
TC DL	10.0 PSF	DATE	03/23/06
BC DL	10.0 PSF	DRW	HCU\$R487 06082103
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	40.0 PSF	SEQN-	4642
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1\$VR487_Z06

Top chord 2x6 SP #1 Dense
Bot chord 2x8 SP #1 Dense
Webs 2x4 SP #3

SPECIAL LOADS

- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
- TC - From 62 PLF at -2.00 to 62 PLF at 24.67
- BC - From 4 PLF at -2.00 to 4 PLF at 0.00
- BC - From 20 PLF at 0.00 to 20 PLF at 24.67
- PLB- 2712 LB Conc. Load at (7.06,9.04)
- PLB- 1302 LB Conc. Load at (9.06,9.04)
- PLB- 1352 LB Conc. Load at (11.06,9.04), (13.06,9.04), (15.06,9.04)
- PLB- (17.06,9.04), (19.06,9.04)
- PLB- 1343 LB Conc. Load at (21.06,9.04), (22.65,9.04)

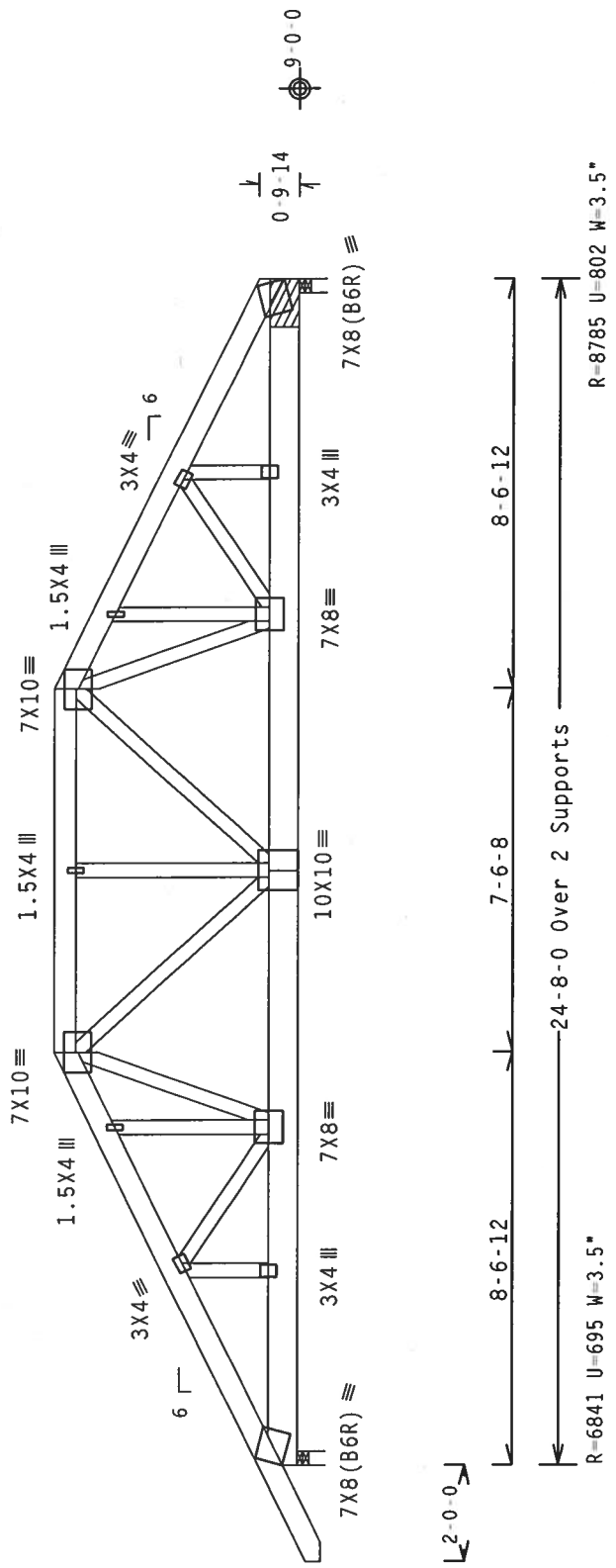
110 mph wind, 15.00 ft mean htg, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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 @ 5.50" o.c. (Each Row)
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Bearing blocks: Nail type: 12d Box or Gun (0.128"x3.25", min.)_nails
BRG X-LOC #BLOCKS LENGTH/BLK #NAILS/BLK WALL PLATE
2 24.375' 1 12" 16
Bearing block to be same size and species as bottom chord.
Refer to drawing CNBRGLK1103 for additional information.

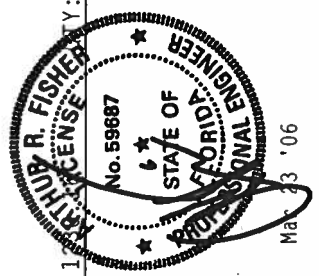
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002 (STD) /FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1

Scale =.25"/Ft.

TC LL	20.0 PSF	REF R487-- 99323
TC DL	10.0 PSF	DATE 03/23/06
BC DL	10.0 PSF	DRW HCUSR487 06082104
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	40.0 PSF	SEQN- 92454
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SVR487_Z06



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 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.

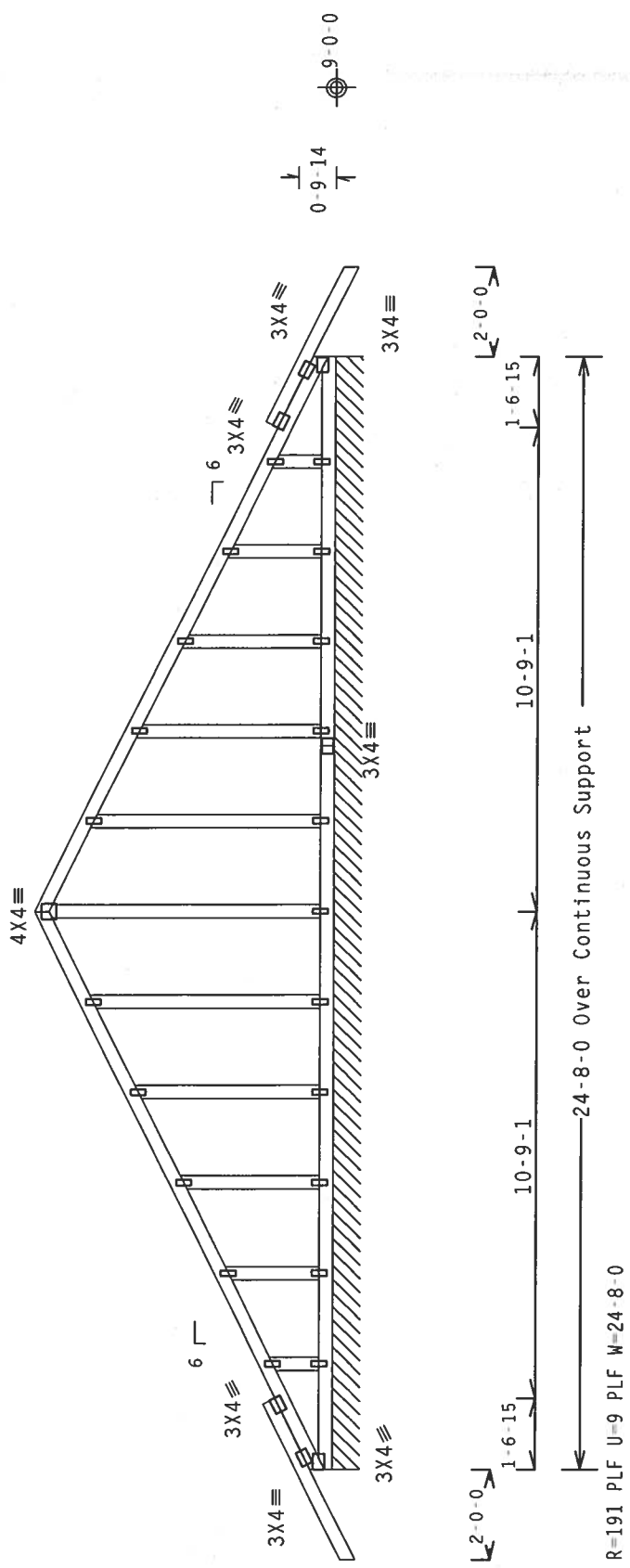
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY APA) AND TPI. ALPINE CONNECT TO EXISTING STRUCTURE 20/18/16GA (W/H/5/4) ASTM A653 GRADE 40/60 (W, K/H/5) GALV. STEEL. APPLY ANY INSPECTION OF PLATES, FOLLOWED BY (1) SHALL BE PER ANNEK 43 OF TPI 2002 SEC. 2.1. SEALS ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

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

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

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



Note: All Plates Are 1.5X4 Except As Shown.

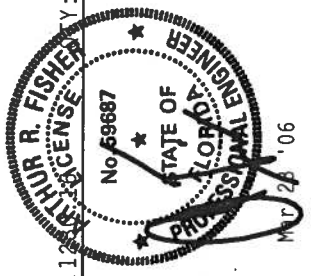
Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0) 7.24.12

FL/-4/-/-R/-

Scale = .25"/Ft.

TC LL	20.0 PSF	REF	R487--	99324
TC DL	10.0 PSF	DATE	03/23/06	
BC DL	10.0 PSF	DRW	HCUSR487	06082105
BC LL	0.0 PSF	HC-ENG	JB/AF	
TOT.LD.	40.0 PSF	SEQN-	4666	REV
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1SVR487_Z06	



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REVISIONS 1 (REVISIONS INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 983 O'CONNOR DR., SUITE 200, MADISON, WI 53716, AND TPI (TRUSS PLATE INSTITUTE) L.L.C., MADISON, WI 53719. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE SPECIFIED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL 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 (W.H/S/K) 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 TPI-2002 SEC.3. A SEAL ON THIS DESIGN SHOWS THE ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGNER. THE DESIGNER OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANS/TP1 1 SEC. 2.

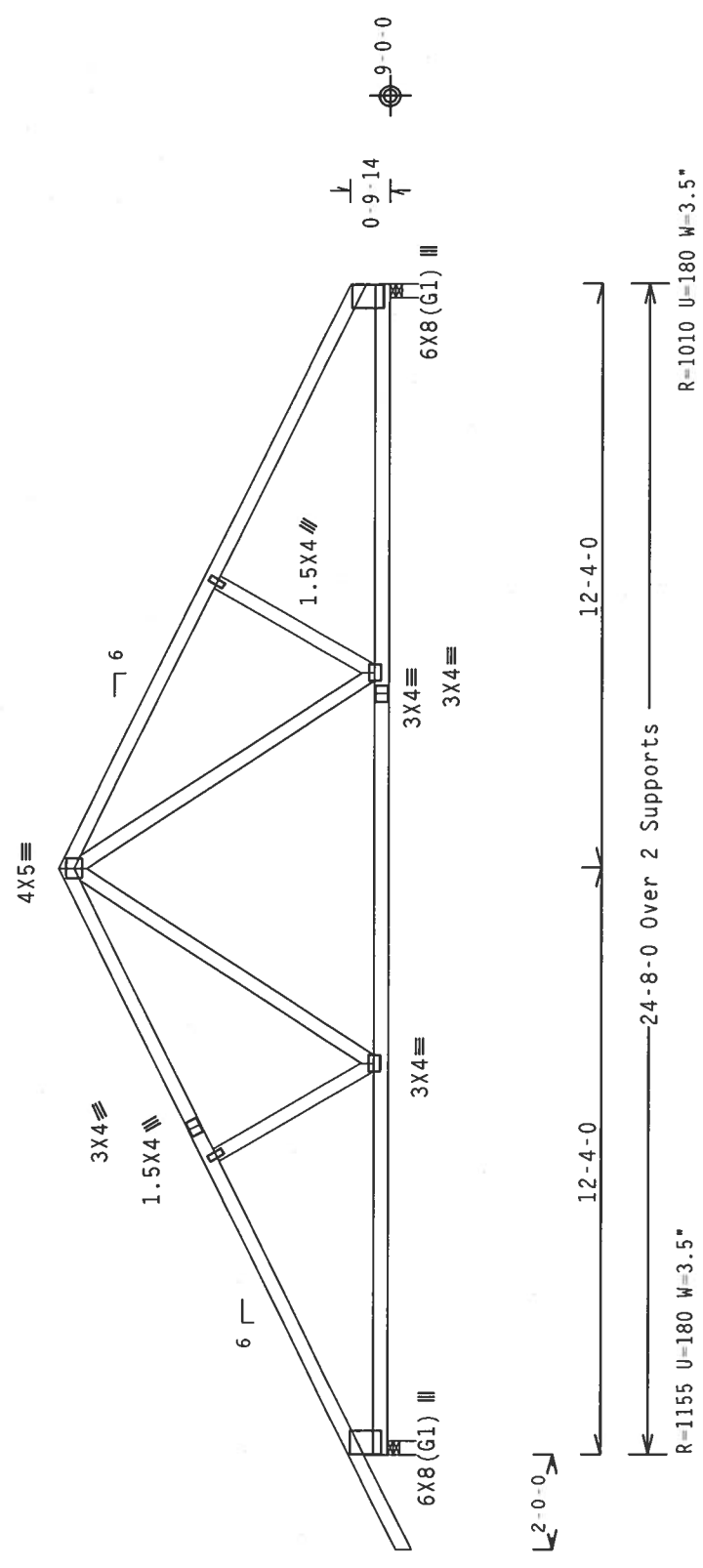
Alpine Engineered Products, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

FL Certificate of Authorization # 567

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Lt Stubby Wedge 2x6 SP #1 Dense:
:Rt Stubby Wedge 2x6 SP #1 Dense:
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1

Scale = .25"/Ft.

TY: 6 FL/-4/-/-R/-

REF R487-- 99326
DATE 03/23/06
DRW HCUSR487 06082107
HC-ENG JB/AF
SEQN- 4656
JREF- 1SVR487_Z06

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"

ALPINE
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Haines City, FL 33844
FL Certificate of Authorization # 567

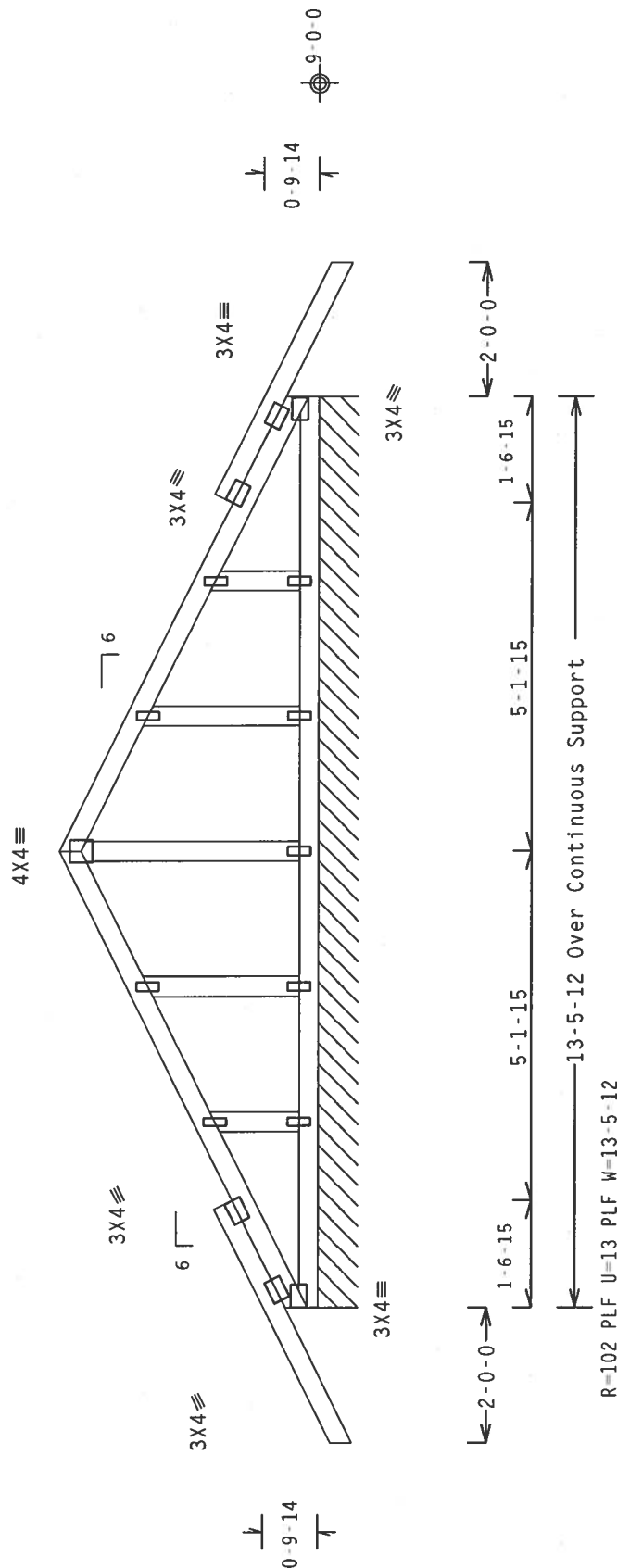
ALPINE ENGINEER
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Mar 21/06

WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 983 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W-H/S/A) ASTM A653 GRADE 40/60 (W. K/H-S) GALV. STEEL. APPLY PLATES TO EACH JOINT OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A, 2. DRAWING INDICATES THE ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENTS 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.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, 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. Creep increase factor for dead load is 1.50.

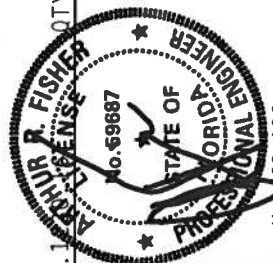


Design Crit: TPI-2002(STD)/FBC

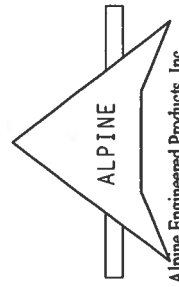
$$Ca/RT=1.00(1.25)/10(0) \quad 7.24.12$$

Scale = .375"/Ft.

TC LL	20.0	PSF	REF	R487 --	99327
TC DL	10.0	PSF	DATE	03/23/06	
BC DL	10.0	PSF	DRW	HCUSR487	06082108
BC LL	0.0	PSF	HC-ENG JB/AF		
TOT.LD.	40.0	PSF	SEQN-	4679	REV
DUR.FAC.	1.25				
SPACING	24.0"		JREF- 1SVR487 Z06		



Mar 23 '06



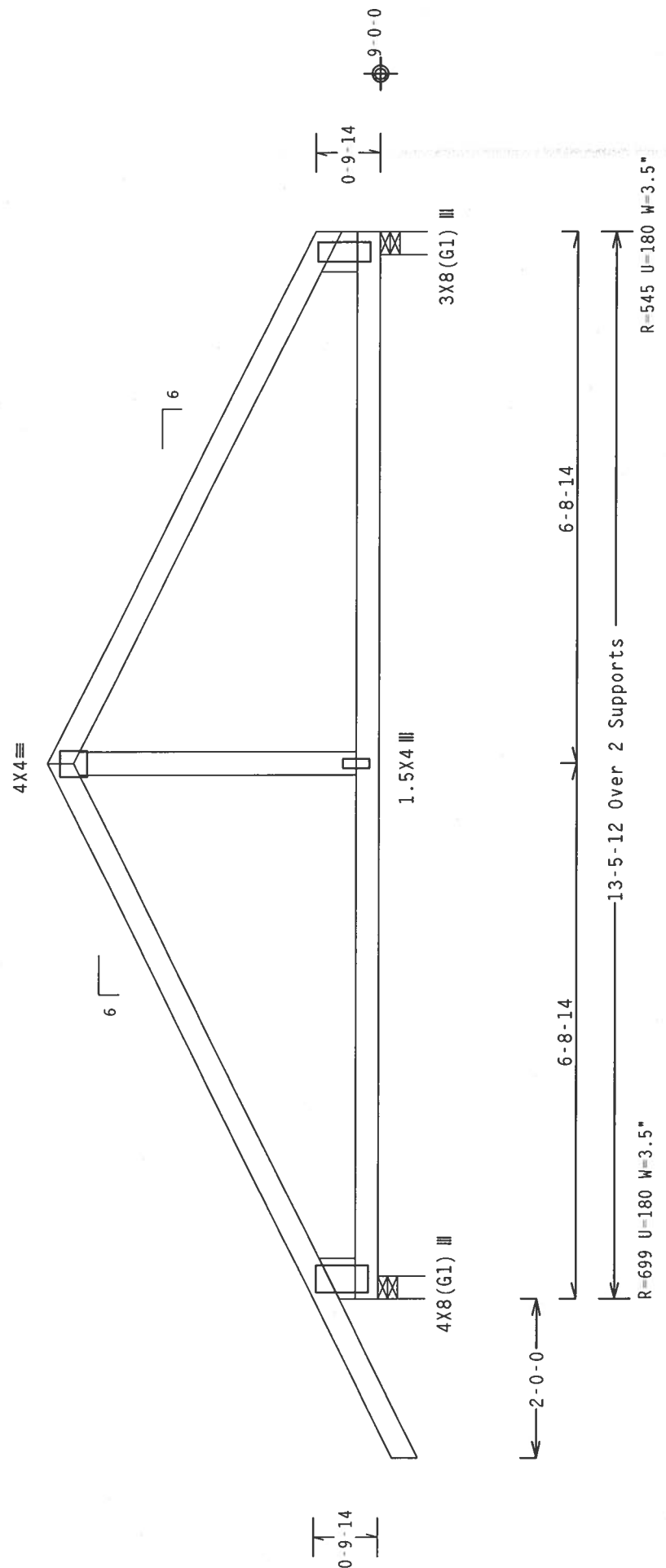
Alpine Engineered Products, Inc.

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
:Lt Stubbbed Wedge 2x6 SP #1 Dense:
:Rt Stubbbed Wedge 2x6 SP #1 Dense:
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.



PLT TYP. Wave

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

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1

Scale = .5" / Ft.

TC LL	20.0 PSF	FL / - / 4 / - / - / R / -	REF R487-- 99328
TC DL	10.0 PSF		DATE 03/23/06
BC DL	10.0 PSF		DRW HCUSR487 06082074
BC LL	0.0 PSF		HC-ENG JB/AF
TOT.LD.	40.0 PSF		SEQN- 4671
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1SVR487_Z06

WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 3 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (M-H/S/X) 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. CONNECTOR PLATES SHALL BE WELDED TO THE TRUSS CHORDS PER TPI-2002 SEC.3.1. SEAL ON THIS DRAWING INDICATES THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

PROFESSIONAL ENGINEER
R. FISHER
No. 59887
STATE OF FLORIDA
Mar '23 '06

Top	chord	2x4	SP	#2	Dense
Bot	chord	2x8	SP	#1	Dense
	webs	2x4	SP	#3	

SPECIAL LOADS

	(LUMBER	DUR.FAC.	-1.25	/	PLATE	DUR.FAC.	=1.25)
TC	From	62 PLF	at -2.00	to	62 PLF	at 13.48	
BC	From	4 PLF	at -2.00	to	4 PLF	at 0.00	
BC	From	20 PLF	at 0.00	to	20 PLF	at 13.48	
BC	2908 LB	Conc.	Load	at	7.06		
BC	1389 LB	Conc.	Load	at	9.06		
					11.06		13.06

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

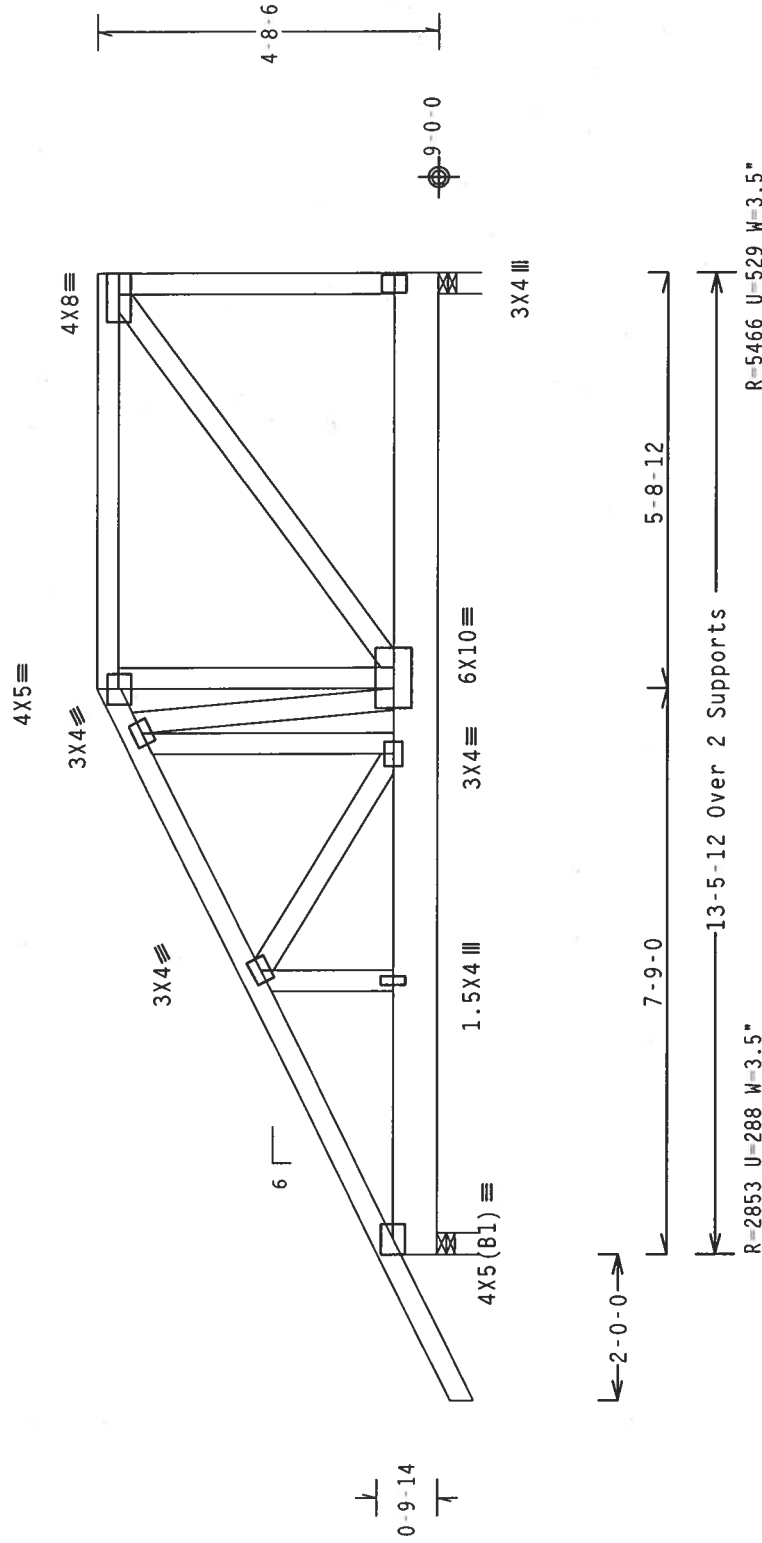
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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 @ 5'-50" 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 hgt, ASCE 7-02, 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.

Right end vertical not exposed to wind pressure.

Design Crit: $\text{TPI} - 2002(\text{STD}) / \text{FBC}$
 $\text{Ca} / \text{RT} = 1.00(1.25) /$

PLT TYP. Wave

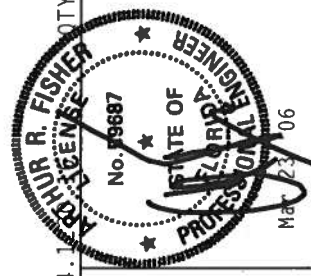
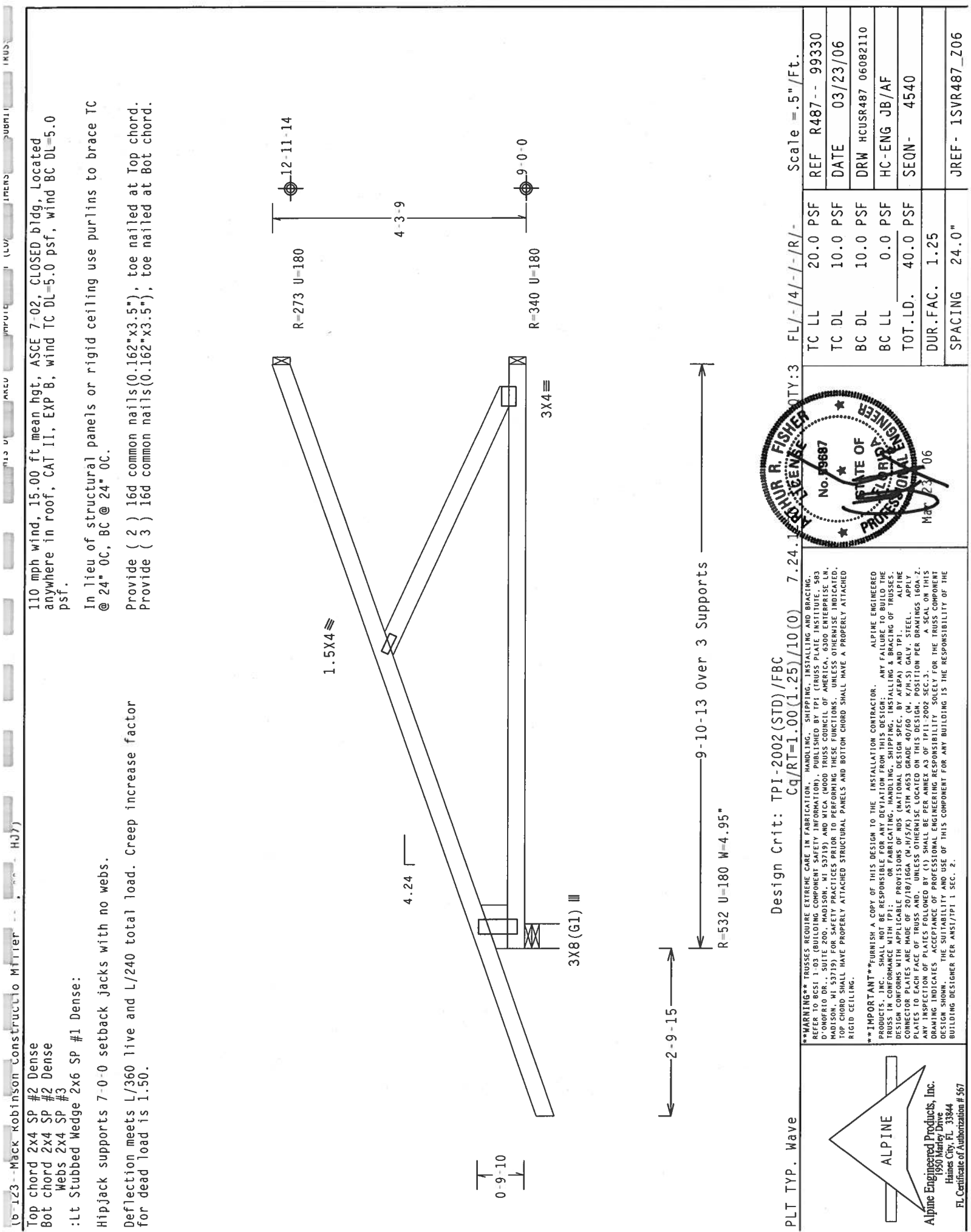
Scale = .375" / Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. TRUSSES MUST BE PROPERLY SUPPORTED AND BRACED TO PREVENT OVERSTRESSING OR COLLAPSE. FOR COMPLETE INFORMATION, PLEASE CONTACT: CRUSS PLATE INSTITUTE, 583 S. GOLFVIEW DR., SUITE 200, MADISON, WISCONSIN 53719, OR (608) 261-5379. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERS INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. THE TRUSS SHALL BE DESIGNED TO SUPPORT THE FOLLOWING LOADS: (SEE ATTACHED TYPICAL TRUSS) ALPINE TRUSS CONNECTOR PLATES ARE MADE OF 1018 LOW CARBON STEEL, 40750 PSI YIELD STRENGTH, 58000 PSI TENSILE STRENGTH. 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-1-2002 SEC.2-3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT BEING DESIGNED. (2) THIS COMMENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEX (TPI-1) SEC. 2-3.

Haines City, FL 33844
FL Certificate of Authorization # 567

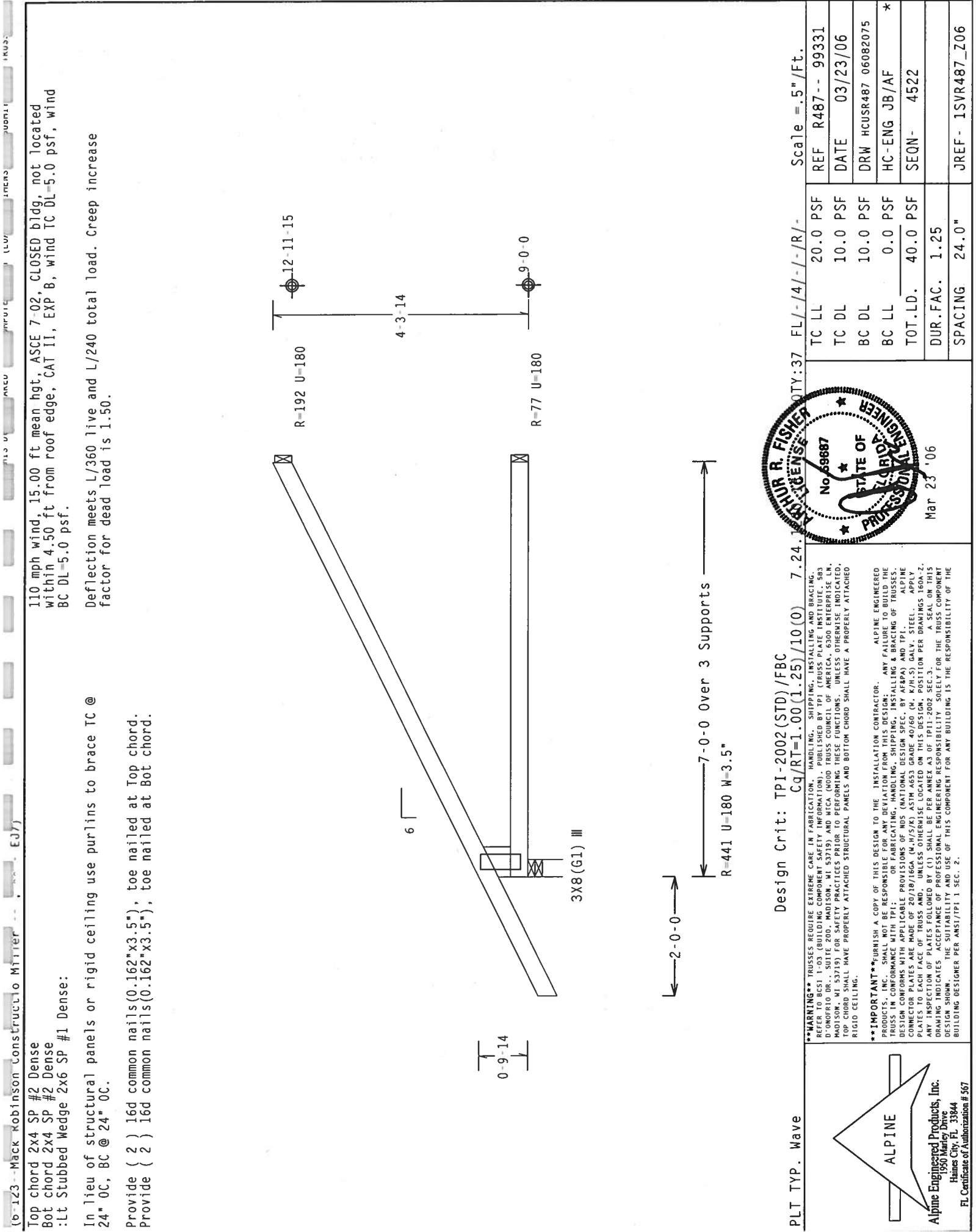
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TC DL	10.0 PSF	DATE	03/23/06	
BC DL	10.0 PSF	DRW	HCUSR487	06082109
BC LL	0.0 PSF	HC-ENG JB/AF		
TOT.LD.	40.0 PSF	SEQN-	92461	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1SVR487_Z06	



PLT TYP. Wave		Design Crit: TPI-2002(STD)/FBC		Scale = .5"/Ft.	
Cq/RT=1.00(1.25)/10(0)		7.24.1		TY:3 FL/-/4/-/-/R/-	
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.		110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.		REF R487-- 99330	
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.		In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.		DATE 03/23/06	
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 Top chord.		DRW HCUSR487 06082110	
Provide (3) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.		Provide (3) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.		HC-ENG JB/AF	
				SEON- 4540	
				DUR.FAC. 1.25	
				SPACING 24.0"	
				JREF- 1SVR487_Z06	

ALPINE

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



110 mph wind, 15.00 ft mean hgt, ASCE 7-02, 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. Creep increase factor for dead load is 1.50.

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

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.

Top chord 2x4 SP #2 Dense

Bot chord 2x4 SP #2 Dense

:Lt Stubby Wedge 2x6 SP #1 Dense:

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0) 7.24.1

Scale = .5"/Ft.

PLT TYP. Wave

ALPINE

Alpine Engineered Products, Inc.

Haines City, FL 33844

FL Certificate of Authorization # 567

WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST L-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 3000 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719, AND NCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (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-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. THE SIGNATURE AND SEAL OF THE DESIGNER ARE REQUIRED FOR THE TRUSS COMPONENT. THE USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

REINHOLD R. FISHER

Professional Engineer

No. 69887

STATE OF FLORIDA

Mar 23 '06

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--	99331
DATE	03/23/06	
DRW	HCUSR487	06082075
HC-ENG	JB/AF	*
SEQN-	4522	
JREF-	1SVR487_Z06	

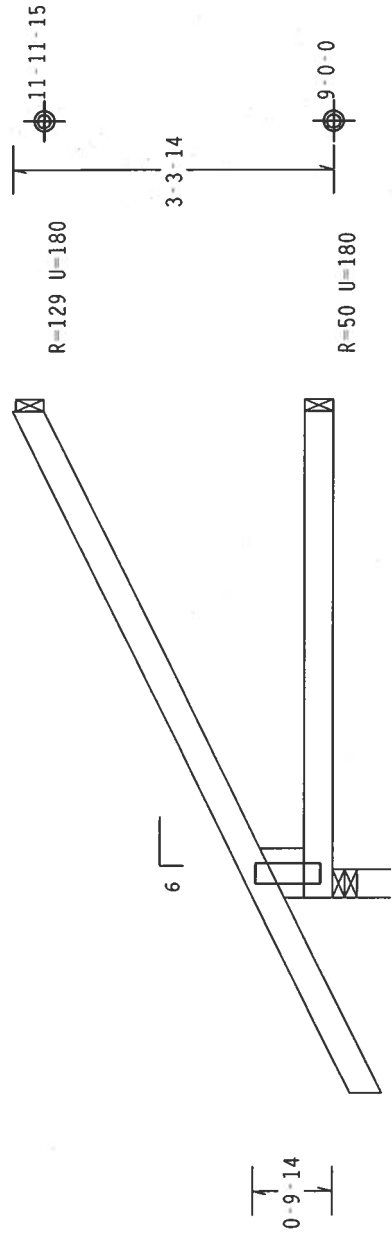
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
:Lt Stubby Wedge 2x6 SP #1 Dense:

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

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, 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. Creep increase factor for dead load is 1.50.



2-0-0
5-0-0 Over 3 Supports
R=366 U=180 W=3.5"

PLT TYP. Wave

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

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1

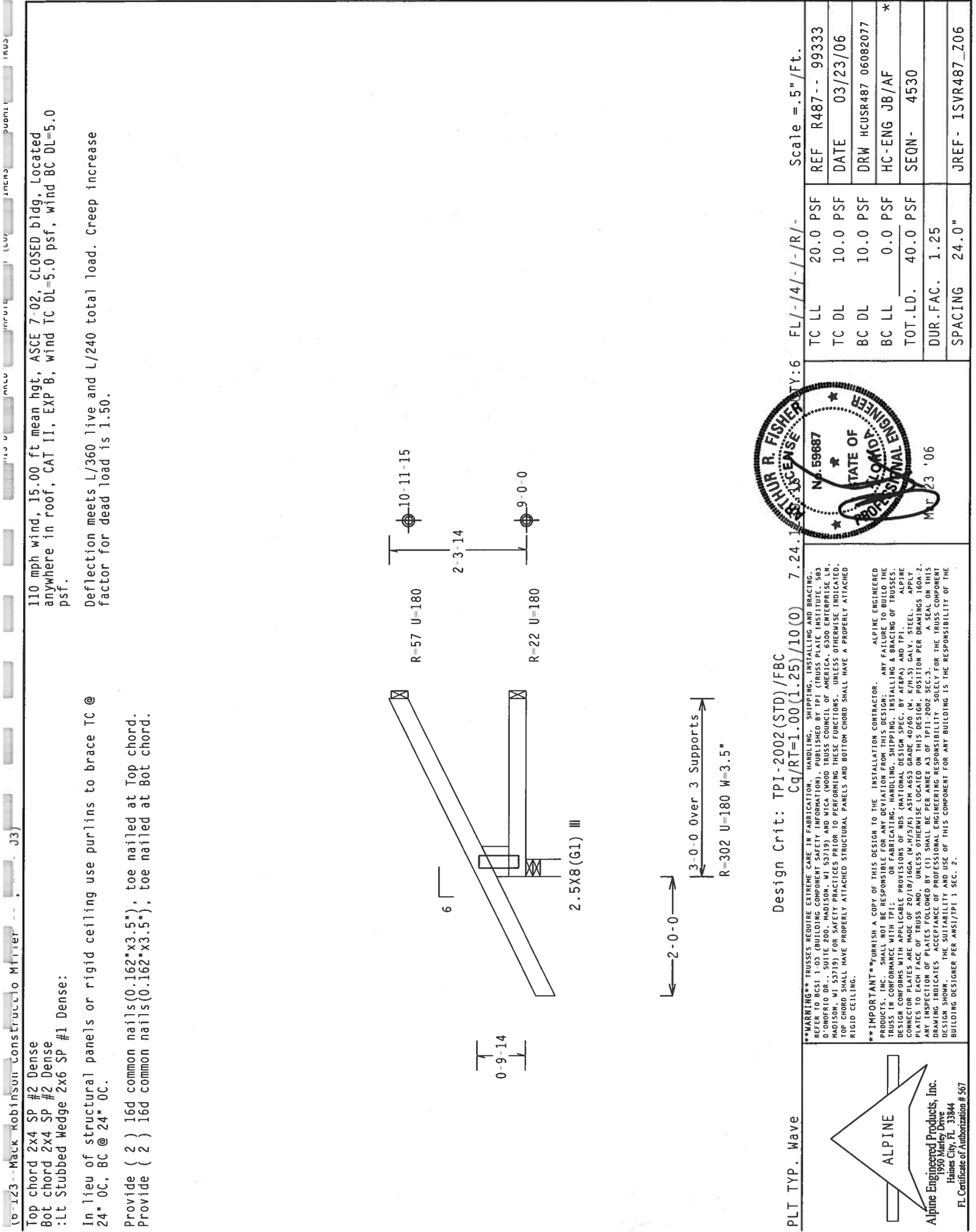
Scale = .5"/Ft.

TC LL	20.0 PSF	REF	R487--	99332
TC DL	10.0 PSF	DATE	03/23/06	
BC DL	10.0 PSF	DRW	HCUSR487	06082076
BC LL	0.0 PSF	HC-ENG	JB/AF	*
TOT.LD.	40.0 PSF	SEON-	4527	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1SVR487_Z06	

WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSE 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 593 O'DONOHIO DR., SUITE 200, MADISON, WI 53719) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (M/H/57K) ASTM A653 GRADE 40/60 (W. K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS CHORDS, UNLESS OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 160A.2. DRINKING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENTS SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

THUR R. FISHER
LICENSE
No. 19687
STATE OF
PROFESSIONAL ENGINEER
Mar 23/06



110 mph wind, 15.00 ft mean hgt, ASCE 7-02, 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. Creep increase factor for dead load is 1.50.

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
:Lt Stubbed Wedge 2x6 SP #1 Dense:

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

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

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1

Scale = .5" / Ft.

TC LL	20.0 PSF	REF R487-- 99333
TC DL	10.0 PSF	DATE 03/23/06
BC DL	10.0 PSF	DRW HCUSR487 06082077
BC LL	0.0 PSF	HC-ENG JB/AF *
TOT.LD.	40.0 PSF	SEON- 4530
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SVR487_Z06

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

ARTHUR R. FISHER
LICENSE
No. 59687
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
MAY 23 '06

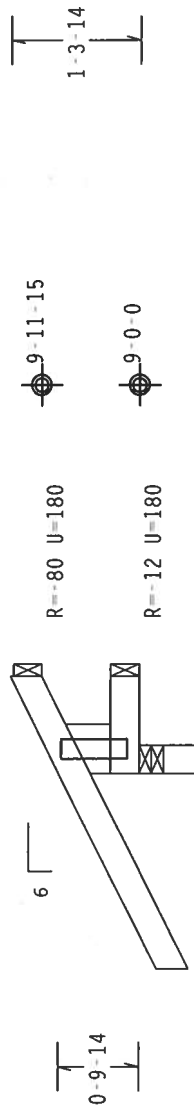
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE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

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR 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 2018/16GA (M/M/57K) ASTM A653 GRADE 40/80 (N. K/H-S) GALV. STEEL. APPLY ANY INSPECTION OF PLATES FOLLOWED BY TPI SHALL BE THE RESPONSIBILITY OF THE TRUSS COMPONENTS DESIGNER. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, 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. Creep increase factor for dead load is 1.50.

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



2.5X8(G1) III

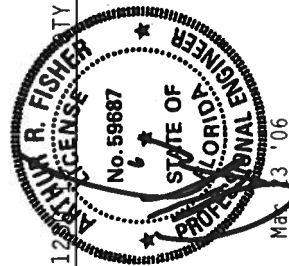
1-0-0 Over 3 Supports

R=309 U=180 W=3.5"

Design Crit: TPI-2002(STD)/FBC
Ca/RT=1.00(1.25)

Scale = 5"/Ft

TC	LL	20.0	PSF	REF	R487 - -	99334
TC	DL	10.0	PSF	DATE	03/23/06	
BC	DL	10.0	PSF	DRW	HCUSR487	06082111
BC	LL	0.0	PSF	HC-ENG	JB/AF	
TOT.	LD.	40.0	PSF	SEQN -	4532	
DUR.	FAC.	1.25				
SPACING	24.0"			JREF -	1SVR487_Z06	

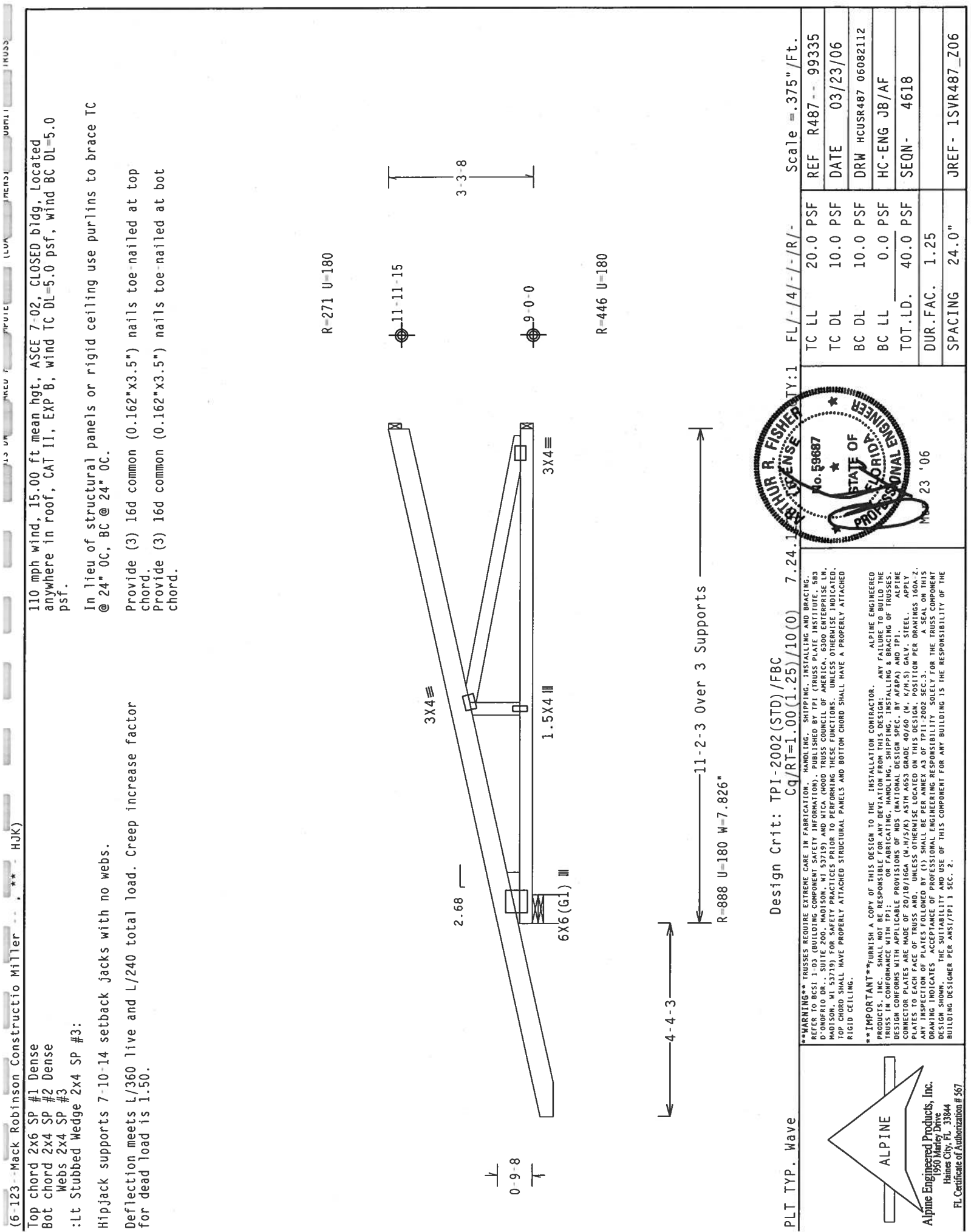


WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESS-103 (TRUSS COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 593 PETER ST., SUITE 200, MADISON, WI 53715), AND WICK (WOOD TRUSS COUNCIL OF AMERICA, 6100 ENTERPRISE LN., MADISON, WI 53719) FOR ADDITIONAL INFORMATION REGARDING THE PROPER INSTALLATION AND BRACING OF TRUSSES. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PALS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

INTEGRANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERS
PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE
TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.
CONNECTIONS TO BE MADE TO EXISTING TRUSS (SEE ATTACHED TPI DRAWING SEC. 4.07.1) AND ALPINE
CONNECTOR PLATES ARE MADE OF 20/18/16GA W/45% MIN. STRENGTH 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 ANNEK A3 OF TPI-2002 SEC. 3.
CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND INSURANCE COVERAGE.
DESIGN SHOWN IS BASED ON THE ASSUMPTIONS AND CONDITIONS SET FORTH IN THE TPI-2002 SEC. 2.
BUILDING DESIGNER PER ANNEK A1 TPI-1 SEC. 2.

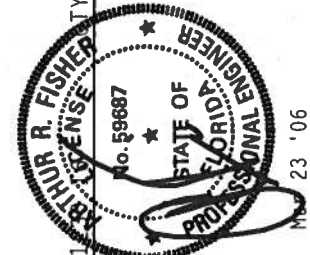


Alpine Engineered Products, Inc.
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(6-123--Mack Robinson Constructio Miller -- ** HJK)

Top chord 2x6 SP #1 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Lt Stubby Wedge 2x4 SP #3:
Hipjack supports 7-10-14 setback jacks with no webs.
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.
Provide (3) 16d common (0.162"x3.5") nails toe-nailed at top chord.
Provide (3) 16d common (0.162"x3.5") nails toe-nailed at bot chord.
R-271 U=180
R-446 U=180
Scale = .375"/Ft.
PLT TYP. Wave
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1
R-888 U=180 W=7.826"



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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (M-H/S/X) 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. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SEAL FOR THE TRUSSWORKER'S BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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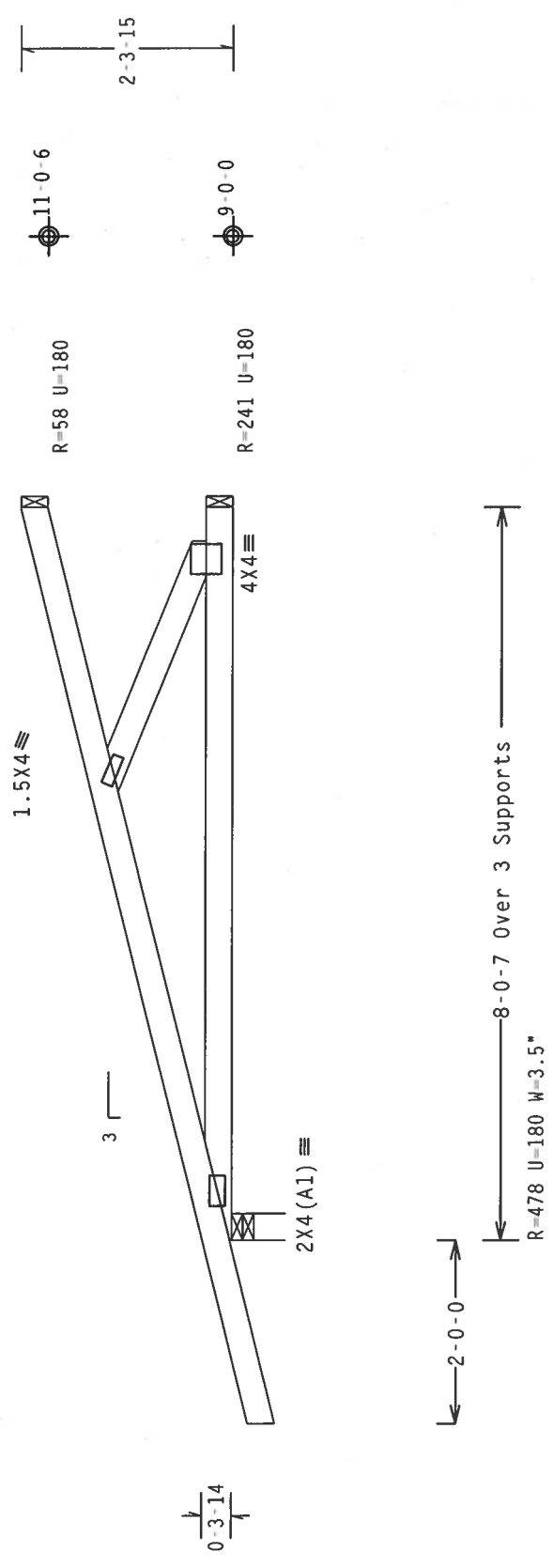
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, 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.

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

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

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



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0) 7.24.0

Scale = .5"/Ft.

FL/-4/-/-R/-

TC LL 20.0 PSF

TC DL 10.0 PSF

BC DL 10.0 PSF

BC LL 0.0 PSF

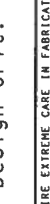
TOT.L.D. 40.0 PSF

DUR.FAC. 1.25

SPACING 24.0"

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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (M./H./S/K) ASTM A653 GRADE 40/60 (M./H./S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A 2-160D 2-160E 2-160F 2-160G 2-160H 2-160I 2-160J 2-160K 2-160L 2-160M 2-160N 2-160O 2-160P 2-160Q 2-160R 2-160S 2-160T 2-160U 2-160V 2-160W 2-160X 2-160Y 2-160Z. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENTS DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



ALPINE

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

FL Certificate of Authorization # 567

PROFESSIONAL ENGINEER

STATE OF FLORIDA

NO. 59887

DATE 03/23/06

DRW HCURS487 06082079

HC-ENG JB/AF

SEQN- 4580

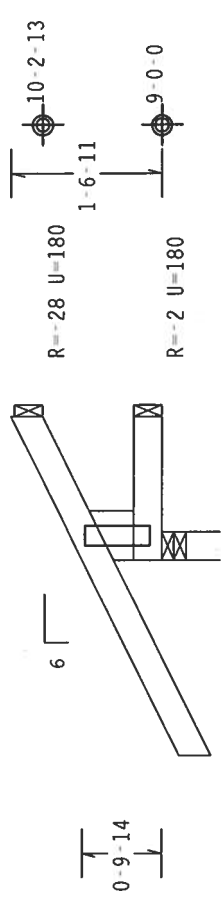
JREF- 1SVR487_Z06

(6-123--Mack Robinson Constructio Miller

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
:Lt Stubbed Wedge 2x6 SP #1 Dense:
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located
anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0
psf.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC. Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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



2.5X8(G1) III

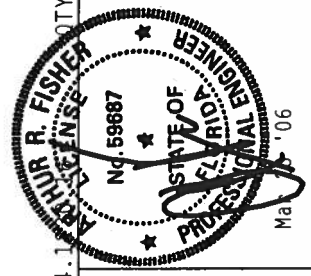
$\overleftarrow{\hspace{1.5cm}} \text{---} 2-0-0 \text{---} \overrightarrow{\hspace{1.5cm}}$
 $\overleftarrow{\hspace{1.5cm}} \text{---} 1-5-11 \text{---} \overrightarrow{\hspace{1.5cm}}$ Over 3 Supports
 $R=285 \quad U=180 \quad W=3.5"$

Design Crit: TPI-2002(STD)/FBC

$$Cq/RT=1.00(1.25)/10(0) \quad 7.$$

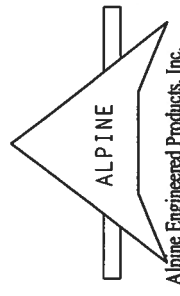
Scale = .5"/Ft.

TC LL	20.0 PSF	REF	R487-- 99338
TC DL	10.0 PSF	DATE	03/23/06
BC DL	10.0 PSF	DRW	HCUSR487 06082113
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	40.0 PSF	SEQN-	4545
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SVR487 Z06

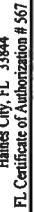


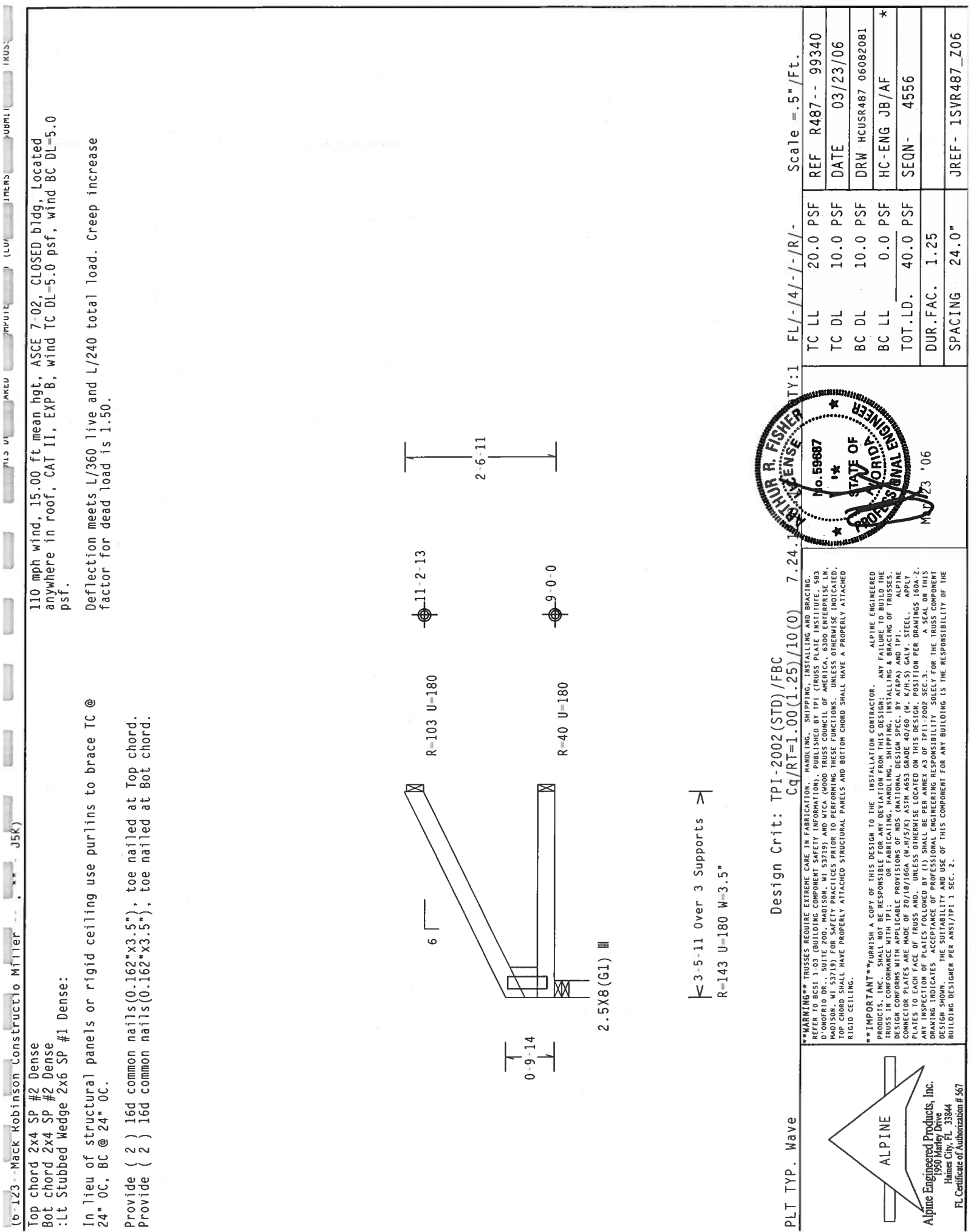
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFIO DR., SUITE 200, MADISON, WI 53719) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE 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 ENGINEERS PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TP1: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING. ALPINE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/APA) AND TP1. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (W/H=5/8") ASTM A653 GRADE 40/60 (A, W/H=5") GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY IMPOSITION OF PLATES FOLLOWED BY (1) SHALL BE PER ANEX A OF TP11-2002 SEC.3.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN. SHOWING SUSCEPTIBILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TP11 SEC. 2.



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





PLT TYP. Wave	Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)	7.24.1	Scale = .5" / Ft.
TC LL	20.0 PSF	REF R487--	99340
TC DL	10.0 PSF	DATE	03/23/06
BC DL	10.0 PSF	DRW	HCUSR487 06082081
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	40.0 PSF	SEQN-	4556
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SVR487_Z06

WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI, 1500 PLUMMER RD, D'ONOFRIO DR., SUITE 200, MADISON, MI 48219, AND WCA (WOOD TRUSS COUNCIL OF AMERICA 6300 ENTERPRISE BL, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (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-2. AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS ANNEX SHALL BE REQUIRED. PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGNER. THE DESIGNER SHALL BE RESPONSIBLE FOR THE USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

THUR R. FISHER
LICENSE
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
MAY 23 '06

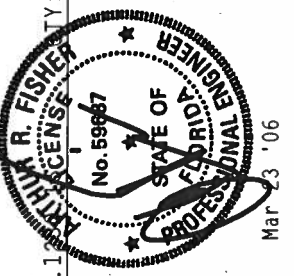
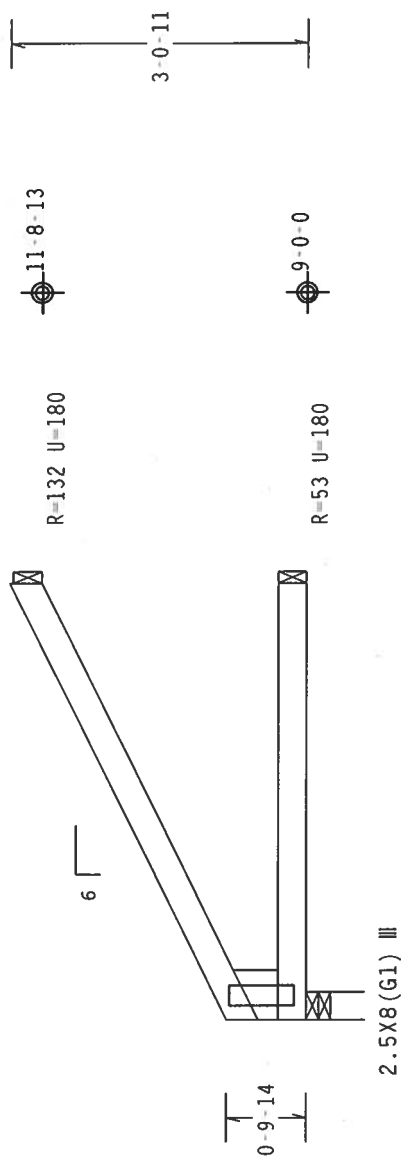
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
:Lt Stubbed Wedge 2x6 SP #1 Dense:

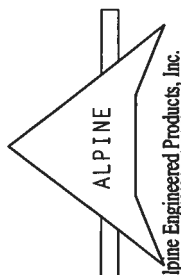
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

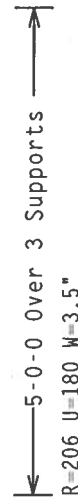
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, Exp B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

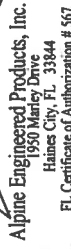
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



PLT TYP. Wave	Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)	7.24.12	FL/-/4/-/-/R/-	Scale =.5"/Ft.	
 Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844 FL Certificate of Authorization # 567	**WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.			TC LL 20.0 PSF	REF R487-- 99341
	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. DESIGNER CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AFAPA) AND TPI-1. ALPINE PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER 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.			TC DL 10.0 PSF	DATE 03/23/06
				BC DL 10.0 PSF	DRW HCUSR487 06082082
				BC LL 0.0 PSF	HC-ENG JB/AF *
				TOT.LD. 40.0 PSF	SEQN- 4561
				DUR.FAC. 1.25	
SPACING 24.0"				JREF- 1SVR487_Z06	



TC LL	20.0	PSF	REF	R487--	99342
TC DL	10.0	PSF	DATE	03/23/06	
BC DL	10.0	PSF	DRW	HCUSR487	06082083
BC LL	0.0	PSF	HC-ENG	JB/AF	*
TOT.LD.	40.0	PSF	SEQN-	4566	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	1SVR487_Z06	



Mar 23 '06

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

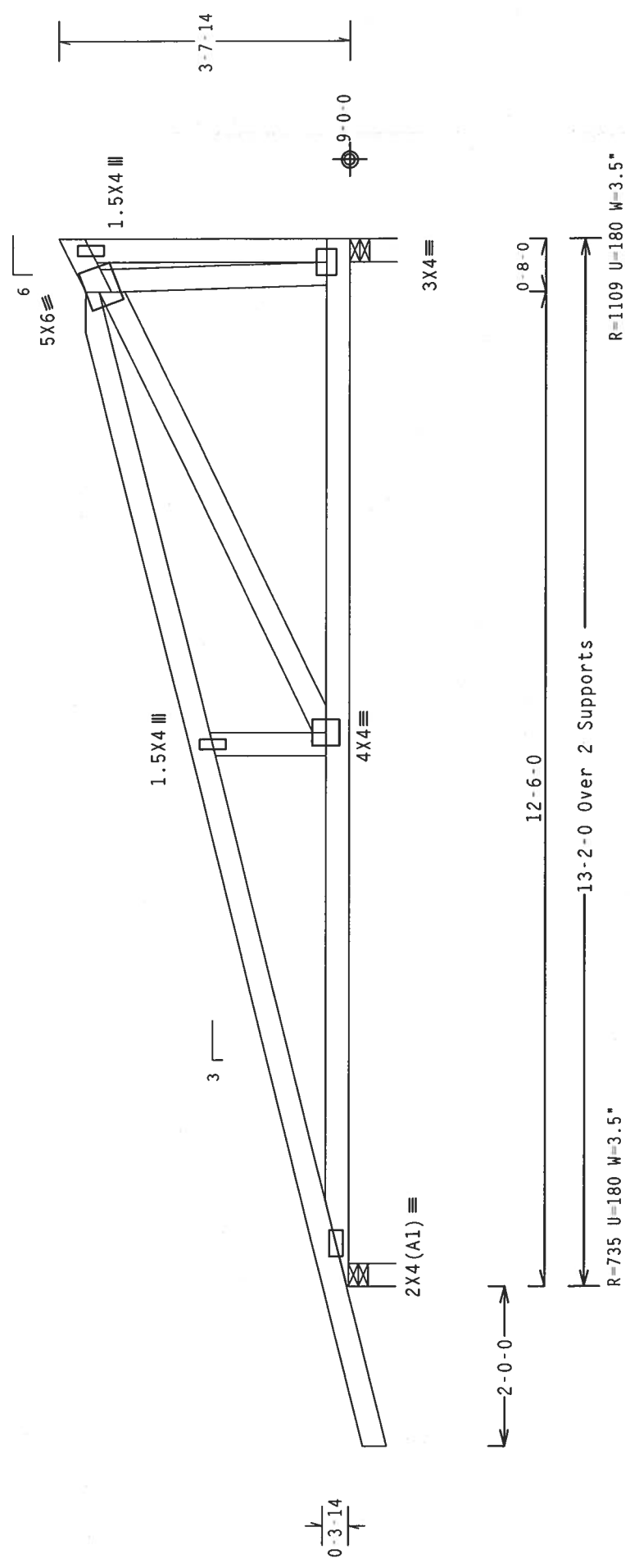
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

SPECIAL LOADS

- (LUMBER DUR.FAC. = 1.25 / PLATE DUR.FAC. = 1.25)
- TC - From 61 PLF at -2.00 to 61 PLF at 12.50
- TC - From 62 PLF at 12.50 to 62 PLF at 13.17
- BC - From 4 PLF at -2.00 to 4 PLF at 0.00
- BC - From 20 PLF at 0.00 to 20 PLF at 13.17
- TC - 147 LB Conc. Load at 12.06
- BC - 505 LB Conc. Load at 12.00

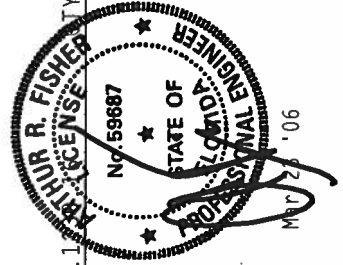
Right end vertical not exposed to wind pressure.



Design Crit: TPI-2002 (STD) / FBC

Cq/RT=1.00(1.25)/10(0) 7.24.1

Scale = .5" / Ft.



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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD 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 (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. A SEAL ON THIS DRAWING INDICATES THE ACCEPTANCE OF PROFESSIONAL ENGINEER RESPONSIBILITY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

TC LL	20.0 PSF	FL / - / 4 / - / R / -	REF	R487 - -	99343
TC DL	10.0 PSF		DATE	03/23/06	
BC DL	10.0 PSF		DRW	HCUSR487	06082114
BC LL	0.0 PSF		HC-ENG	JB/AF	
TOT. LD.	40.0 PSF		SEON-	4635	
DUR. FAC.	1.25				
SPACING	24.0"		JREF-	1SVR487_Z06	

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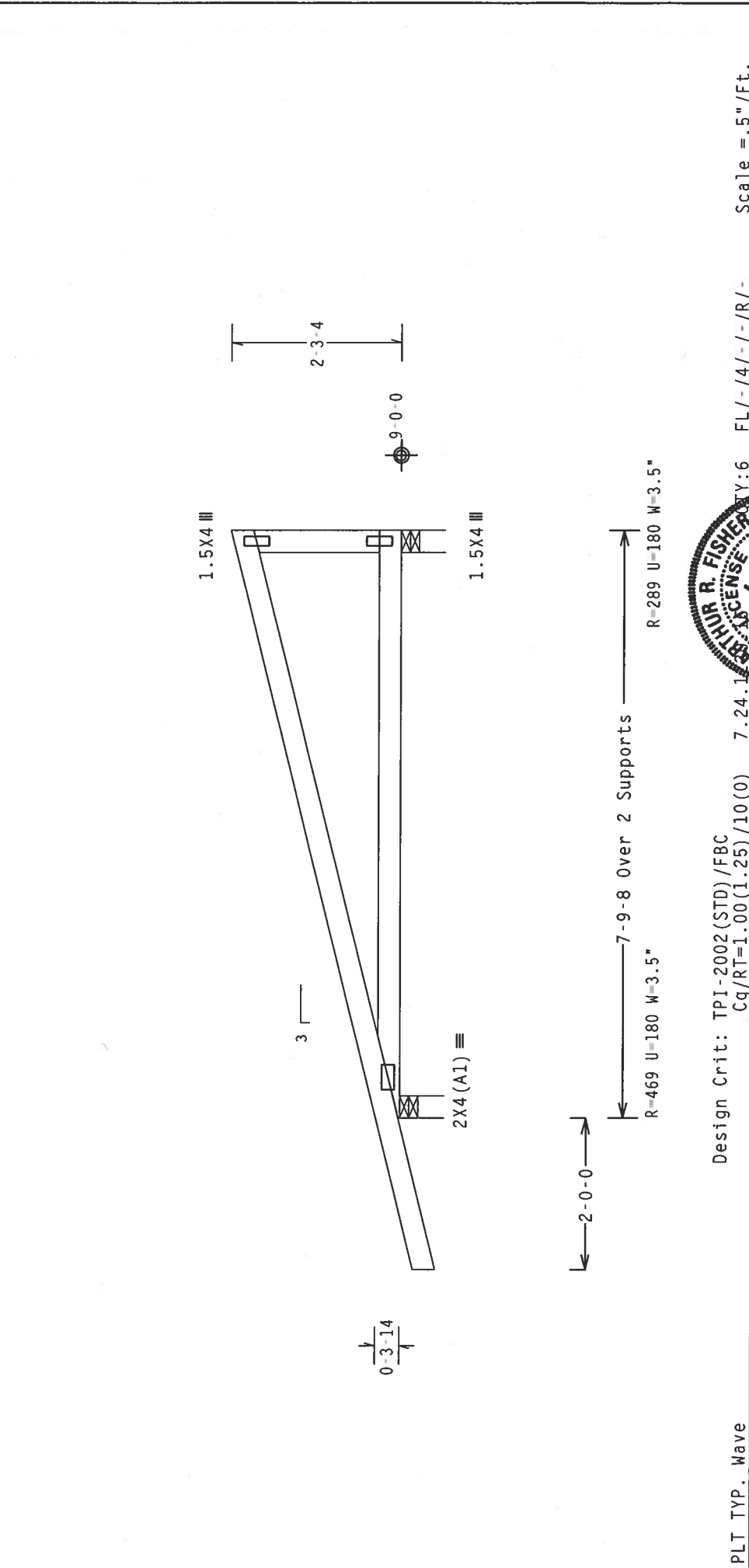
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, 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. Creep increase factor for dead load is 1.50.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1

Scale = .5"/Ft.

TC LL	20.0 PSF	REF	R487--	99345
TC DL	10.0 PSF	DATE	03/23/06	
BC DL	10.0 PSF	DRW	HCUSR487	06082085
BC LL	0.0 PSF	HC-ENG	JB/AF	*
TOT.LD.	40.0 PSF	SEQN-	4629	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1SVR487_Z06	

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Haines City, FL 33844
FL Certificate of Authorization # 567

STANLEY R. FISHER
No. 59887
STATE OF FLORIDA
Professional Engineer
May 28 '06

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 983 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719, AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AFPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/10GA (M.H./S/A) ASTM A653 GRADE 40/60 (N. K/M-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 10GA 2. SUPPORTS OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEK A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES THE SUSTAINABILITY 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.

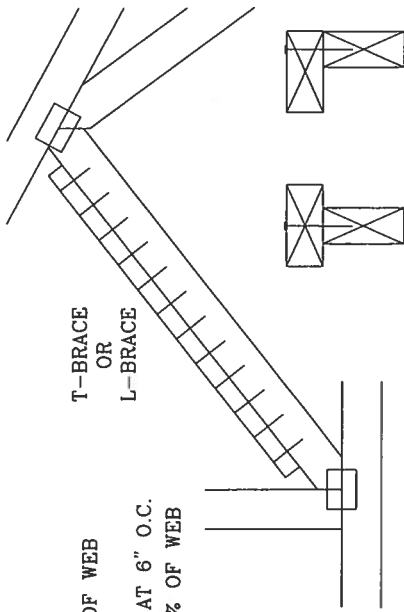
(*) CENTER SCAB ON WIDE FACE OF WEB. APPLY (1) SCAB TO EACH FACE OF WEB.

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

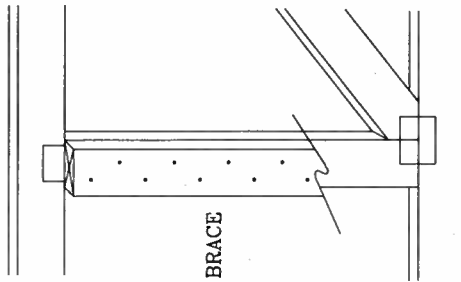


T-BRACE

L-BRACE

SCAB BRACING:

APPLY SCAB(S) TO WIDE FACE OF WEB.
NO MORE THAN (1) SCAB PER FACE.
ATTACH WITH 10d OR .128"x3" GUN NAILS AT 6" O.C. BRACE IS A MINIMUM 80% OF WEB MEMBER LENGTH



SCAB BRACE

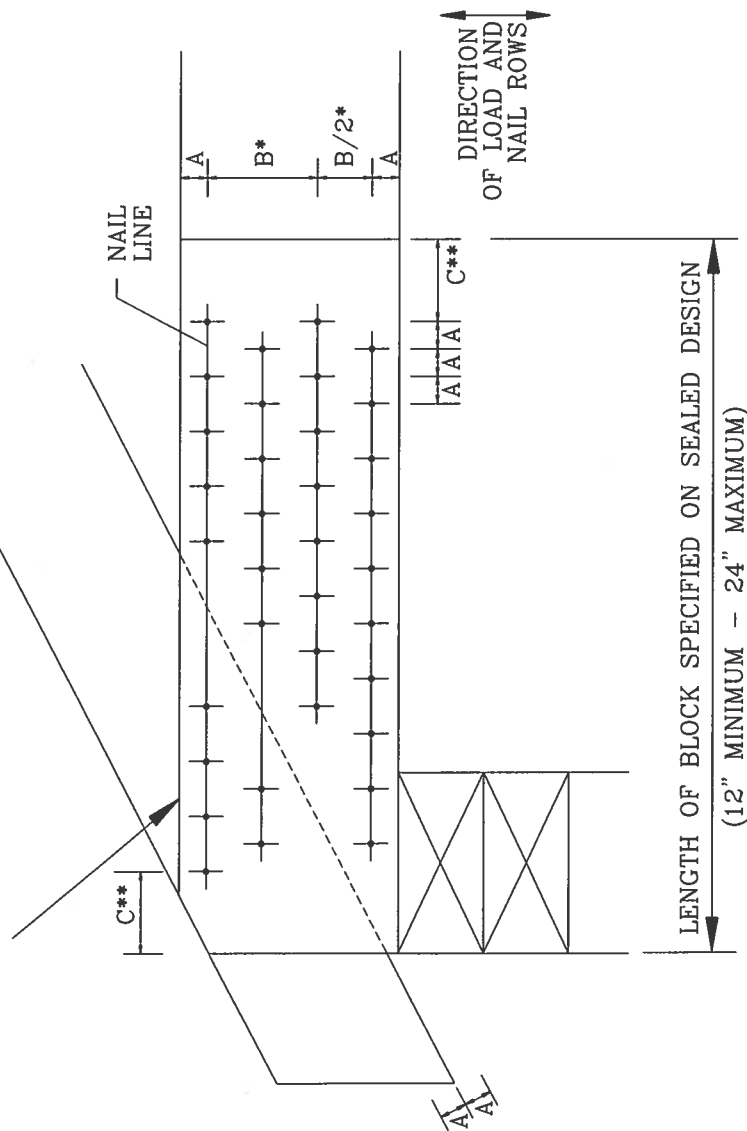
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST-103 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PRODUCTIONS, INC.), 10000 W. 10TH AVENUE, SUITE 100, DENVER, CO 80231, FOR ADDITIONAL INFORMATION. THE COUNCIL OF AMERICA 6300 ENTERPRISE LANE, MADISON, WI 53717, FOR SAFETY PRECAUTIONS 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), 2018/1808, 2018/1809, 2018/1810, 2018/1811, 2018/1812, 2018/1813, 2018/1814, 2018/1815, 2018/1816, 2018/1817, 2018/1818, 2018/1819, 2018/1820, 2018/1821, 2018/1822, 2018/1823, 2018/1824, 2018/1825, 2018/1826, 2018/1827, 2018/1828, 2018/1829, 2018/1830, 2018/1831, 2018/1832, 2018/1833, 2018/1834, 2018/1835, 2018/1836, 2018/1837, 2018/1838, 2018/1839, 2018/1840, 2018/1841, 2018/1842, 2018/1843, 2018/1844, 2018/1845, 2018/1846, 2018/1847, 2018/1848, 2018/1849, 2018/1850, 2018/1851, 2018/1852, 2018/1853, 2018/1854, 2018/1855, 2018/1856, 2018/1857, 2018/1858, 2018/1859, 2018/1860, 2018/1861, 2018/1862, 2018/1863, 2018/1864, 2018/1865, 2018/1866, 2018/1867, 2018/1868, 2018/1869, 2018/1870, 2018/1871, 2018/1872, 2018/1873, 2018/1874, 2018/1875, 2018/1876, 2018/1877, 2018/1878, 2018/1879, 2018/1880, 2018/1881, 2018/1882, 2018/1883, 2018/1884, 2018/1885, 2018/1886, 2018/1887, 2018/1888, 2018/1889, 2018/1890, 2018/1891, 2018/1892, 2018/1893, 2018/1894, 2018/1895, 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MAXIMUM NUMBER OF NAIL LINES PARALLEL TO GRAIN

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

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



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

MINIMUM NAIL SPACING DISTANCES

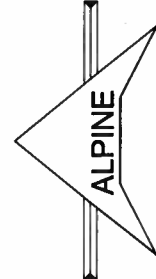
NAIL TYPE	DISTANCES		
	A	B*	C**
8d BOX (0.113"X2.5")	3/4"	1 3/8"	1 3/4"
10d BOX (0.128"X3")	7/8"	1 5/8"	2"
12d BOX (0.128"X3.25")	7/8"	1 5/8"	2"
16d BOX (0.135"X3.5")	7/8"	1 5/8"	2 1/8"
20d BOX (0.148"X4")	1"	1 7/8"	2 1/4"
8d COMMON (0.131"X2.5")	7/8"	1 5/8"	2"
10d COMMON (0.148"X3")	1"	1 7/8"	2 1/4"
12d COMMON (0.148"X3.25")	1"	1 7/8"	2 1/4"
16d COMMON (0.162"X3.5")	1'	2"	2 1/2"
0.120"X2.5" GUN	3/4"	1 1/2"	1 7/8"
0.131"X2.5" GUN	7/8"	1 5/8"	2"
0.120"X3.0" GUN	3/4"	1 1/2"	1 7/8"
0.131"x3.0" GUN	7/8"	1 5/8"	2"

DRAWING REPLACES DRAWING B139 AND CNBRGBLK0699

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

*****WARNING***** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 DOWDRISE LN., SUITE 200, MADISON, WI 53719) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED BUILDING SYSTEMS, INC. HAS DESIGNED THIS BUILDING TO BE CONSTRUCTED IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS. FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING HANDLING INSTRUCTIONS WILL BRIDGE OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AFPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (W/H/S/K) ASTM A563 GRADE 40/60 (W/H/S/K) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED, TO EACH END OF TRUSS. POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (C) SHALL BE CONSIDERED AS INSPECTION OF THE TRUSS. SEAL OFF THE TRUSS WITH AN APPROVED SEALING METHOD. THE PROFESSIONAL ENGINEER HAS REVIEWED THIS DRAWING AND HAS GIVEN HIS OR HER PROFESSIONAL SEAL AND SIGNATURE TO THE DRAWING. THE PROFESSIONAL ENGINEER'S SEAL AND SIGNATURE SHALL BE THE BASIS FOR THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.



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