

DATE 10/24/2005

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000023758

APPLICANT JONATHAN PERRY PHONE 719-7192
ADDRESS 373 NE OLD MILL DR LAKE CITY FL 32024
OWNER DONNIE WILLIAMS PHONE 755-0764
ADDRESS 155 SW LANCELOT GLEN LAKE CITY FL 32024
CONTRACTOR JONATHAN PERRY PHONE 719-7192
LOCATION OF PROPERTY 341, R INTO STONEHENGE S/D, R LANCELOT GLEN, 2ND ON LEFT

TYPE DEVELOPMENT SFD, UTILITY ESTIMATED COST OF CONSTRUCTION 96700.00
HEATED FLOOR AREA 1934.00 TOTAL AREA 2877.00 HEIGHT 20.00 STORIES 1
FOUNDATION CONCRETE WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB
LAND USE & ZONING RSF-2 MAX. HEIGHT 35
Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00
NO. EX.D.U. 0 FLOOD ZONE XPP DEVELOPMENT PERMIT NO. _____

PARCEL ID 23-4S-16-03099-215 SUBDIVISION STONEHENGE
LOT 15 BLOCK _____ PHASE 2 UNIT _____ TOTAL ACRES .51

000000858 _____ CBC058042 _____
Culvert Permit No. _____ Culvert Waiver _____ Contractor's License Number _____ Applicant/Owner/Contractor _____
PERMIT 05-0991-N BK JH N
Driveway Connection _____ Septic Tank Number _____ LU & Zoning checked by _____ Approved for Issuance _____ New Resident _____

COMMENTS: NOC ON FILE, SEE ENGINEER ELEVATION LETTER, MINIMUM FINISHED FLOOR
ELEVATION TO BE 12" ABOVE EXISTING GRADE

Check # or Cash 1001

FOR BUILDING & ZONING DEPARTMENT ONLY

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

BUILDING PERMIT FEE \$ 485.00 CERTIFICATION FEE \$ 14.39 SURCHARGE FEE \$ 14.39
MISC. FEES \$.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$.00 WASTE FEE \$ _____
FLOOD DEVELOPMENT FEE \$ _____ FLOOD ZONE FEE \$ 25.00 CULVERT FEE \$ 25.00 TOTAL FEE 613.78

INSPECTORS OFFICE _____ CLERKS OFFICE _____

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

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

This Permit Must Be Prominently Posted on Premises During Construction

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

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

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0510-12 Date Received 10-4-05 By LH Permit # 858/23758
Application Approved by - Zoning Official BZK Date 24.10.05 Plans Examiner OK JH Date 10-13-05
Flood Zone AP-1 Development Permit N/A Zoning RSF-2 Land Use Plan Map Category Res. 2nd Dens
Comments Engineer Elevation letter 12" above existing grade must be Inspector will check

Applicants Name Jonathon D. Perry Const. LLC Phone (386) 719-7192
Address 373 NW Old Mill Dr.
Owners Name Donny Williams Phone (386) 755-0764
911 Address 155 SW Lancelot Glen Lake City FL 32024
Contractors Name Jonathan D. Perry Phone (386) 623-2608
Address 373 NW Old Mill Dr.
Fee Simple Owner Name & Address Donny Williams
Bonding Co. Name & Address N/A
Architect/Engineer Name & Address Mark Disaway
Mortgage Lenders Name & Address Donny Williams
Circle the correct power company - FL Power & Light - Clay Elec - Suwannee Valley Elec. - Progressive Energy
Property ID Number 23-45-16-03099215 Estimated Cost of Construction \$120,000
Subdivision Name Stonehenge Lot 15 Block Unit Phase II
Driving Directions Sisters welcome Rd to Stonehenge subdivision
take ~~South~~ Right on Stonehenge lane to Second Rd on
Right go to Lancelot Glen second House on Left.
Type of Construction Single Family Dwelling Number of Existing Dwellings on Property 0
Total Acreage .51 Lot Size .51ac Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive
Actual Distance of Structure from Property Lines - Front 63' Side 46.8' Side 24.5' Rear 66'
Total Building Height 20' Number of Stories 1 Heated Floor Area 1934 Roof Pitch 6/12
PORCHES 86 GARAGE 546 TOTAL 2877

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

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

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Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me

this 4 day of October 2005

Personally known ✓ or Produced Identification _____

Contractor Signature

Contractors License Number CBC058042

Competency Card Number _____

NOTARY STAMP/SEAL



Notary Signature

Columbia County Property Appraiser

DB Last Updated: 9/16/2005

2005 Proposed Values

Parcel: 23-4S-16-03099-000

Tax Record

Property Card

Interactive GIS Map

Print

Owner & Property Info

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Search Result: 5 of 17

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Owner's Name	WILLIAMS DONALD E & SANDRA P &
Site Address	
Mailing Address	MHATRE UMESH M & SHILPA U 541 SW AIRPARK GLN LAKE CITY, FL 32025
Brief Legal	S1/2 OF NW1/4, EX RR & EX RD & EX STONEHENGE S/D PHASE 1 & EX THE S 324.25 FT OF N1/2

Use Desc. (code)	TIMBERLAND (005700)
Neighborhood	23416.00
Tax District	2
UD Codes	MKTA06
Market Area	06
Total Land Area	54.090 ACRES

Property & Assessment Values

Mkt Land Value	cnt: (0)	\$0.00
Ag Land Value	cnt: (1)	\$6,058.00
Building Value	cnt: (0)	\$0.00
XFOB Value	cnt: (0)	\$0.00
Total Appraised Value		\$6,058.00

Just Value	\$135,225.00
Class Value	\$6,058.00
Assessed Value	\$6,058.00
Exempt Value	\$0.00
Total Taxable Value	\$6,058.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
7/30/2002	959/106	WD	I	Q		\$133,000.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
NONE						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
NONE						

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
005700	TIMBER 4 (AG)	54.090 AC	1.00/1.00/1.00/1.00	\$112.00	\$6,058.00
009910	MKT.VAL.AG (MKT)	54.090 AC	1.00/1.00/1.00/1.00	\$0.00	\$135,225.00

Columbia County Property Appraiser

DB Last Updated: 9/16/2005

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NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

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.

Tax Parcel ID Number 3099215

1. Description of property: (legal description of the property and street address or 911 address)

LOT 15 STONEHENGE SUBDIVISION PHASE 2, COLUMBIA COUNTY, FLORIDA

2. General description of improvement: NEW HOUSE

3. Owner Name & Address Donald E. Williams

541 SW Airpark Glen, LAKE CITY, FL 32025

Interest in Property OWNERS

4. Name & Address of Fee Simple Owner (if other than owner): SAME AS ABOVE

5. Contractor Name JONATHAN PERRY CONSTRUCTION LLC

Phone Number 719-7192

Address 373 NW OLD MILL DRIVE, LAKE CITY, FL 32055

6. Surety Holders Name NONE

Address _____

Inst:2005024592 Date:10/04/2005 Time:11:47

Amount of Bond _____

DC,P.DeWitt Cason,Columbia County B:1060 P:1868

7. Lender Name NONE

Address _____

8. Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes:

Name DONNY WILLIAMS CONSTRUCTION LLC

Phone Number 755-0764

Address 541 SW AIRPARK GLEN, LAKE CITY, FL

9. In addition to himself / herself the owner designates None of

_____ to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) -

(a) 7. Phone Number of the designee NA

10. Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of recording, (Unless a different date is specified) _____)

NOTICE AS PER CHAPTER 713, Florida Statutes:

The owner must sign the notice of commencement and no one else may be permitted to sign in his/her stead.

Donald E. Williams
Signature of Owner



Sworn to (or affirmed) and subscribed before day of Oct. 3, 2005

NOTARY STAMP/SEAL

Worth D. Morris
Signature of Notary

**COLUMBIA COUNTY BUILDING DEPARTMENT
CHECKLIST FOR PERMITTING**

Application # 0510-12

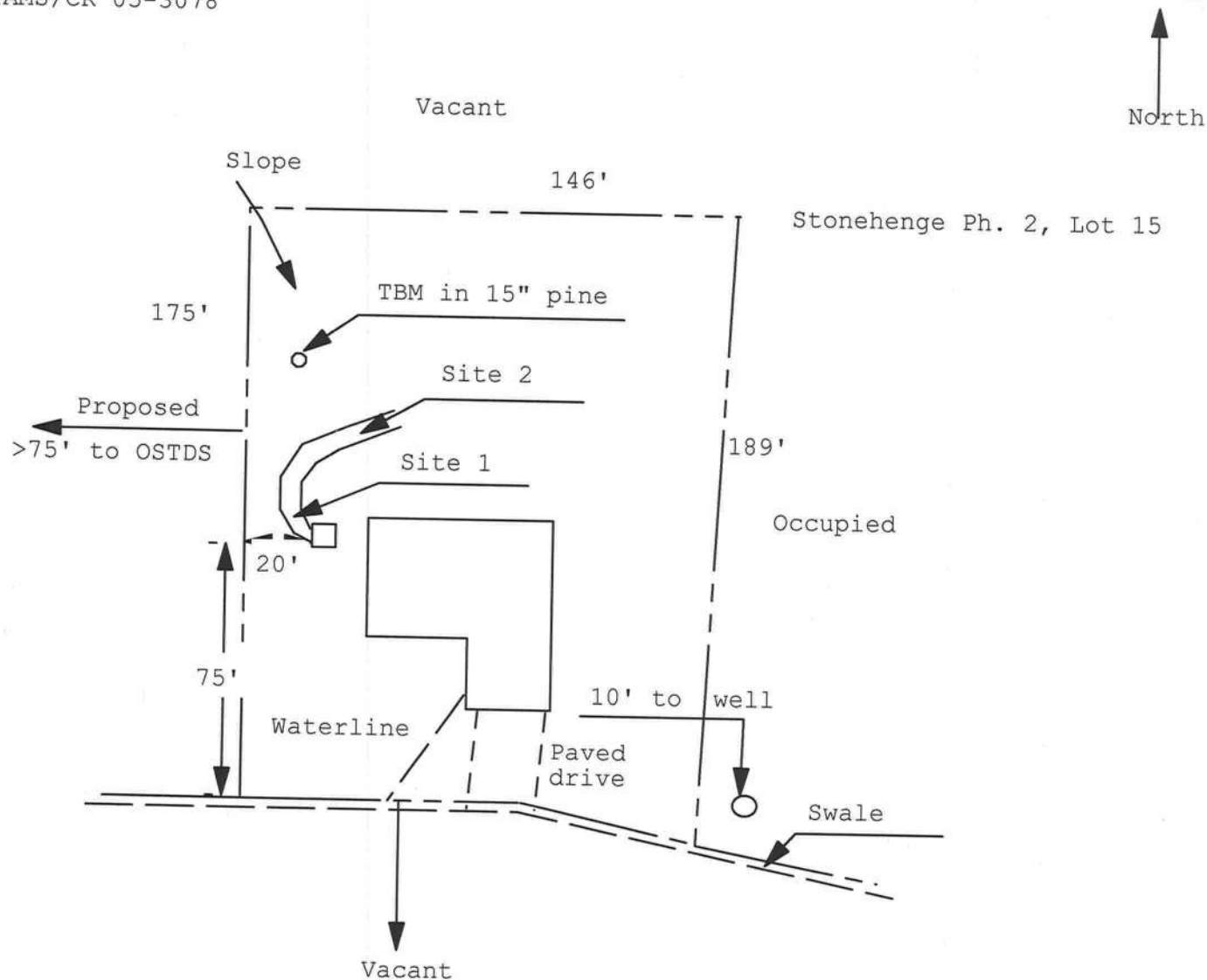
- ☒ **Notarized completed Building Permit Application**
Notes:
- ☒ **If an Owner Builder, signed Disclosure Statement**
Notes:
- ☒ **Recorded Deed or a Notarized Affidavit (form from the Building Dept.)**
Notes: PA sheet
- ☒ **Approved and Signed Site Plan from Environmental Health on the septic**
Notes:
- ☒ **Site plan with actual distances of the structure to each property line**
Notes: on Plans
- ☒ **911 Address form, Contact 386.752.8787 for an appointment**
Notes:
- ☒ **Residential or Commercial Checklist completed**
Notes:
- ☒ **Driving directions including all road names**
Notes:
- ☒ **Well information (on plans or letter from the well driller)**
Notes: Pcity water
- ☒ **Before the 1st inspection Recorded Notice of Commencement signed by owner**
Notes:
- ☒ **2 sets of plans (blueprints)**
Notes:
- ☒ **2 sets of sealed truss engineering**
Notes:
- ☒ **2 sets of energy code & manual J**
Notes:
- ☒ **2 sets of engineering packets including specs on windows, doors, roof and etc.**
Notes:

Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan

Permit Application Number: 05-0991-N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

WILLIAMS/CR 05-3078



1 inch = 50 feet

Site Plan Submitted By Paul Lloyd Date 9/12/05
Plan Approved ☒ Not Approved ☐ Date 10-3-04

By Ma D In Columbia CPHU

Notes: _____

FLORIDA ENERGY EFFICIENCY CODE
FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name:	Stonehenge Lot 15	Builder:	J. Perry
Address:	Lot: 15, Sub: Stonehenge Ph2, Plat:	Permitting Office:	Columbia Co
City, State:	Lake City, FL 32055-	Permit Number:	
Owner:	J. Perry	Jurisdiction Number:	221000
Climate Zone:	North		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 35.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 10.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	No	c. N/A	
6. Conditioned floor area (ft²)	1934 ft²		
7. Glass area & type	Single Pane Double Pane	13. Heating systems	
a. Clear glass, default U-factor	0.0 ft² 249.0 ft²	a. Electric Heat Pump	Cap: 35.0 kBtu/hr
b. Default tint	0.0 ft² 0.0 ft²		HSPF: 7.90
c. Labeled U or SHGC	0.0 ft² 0.0 ft²	b. N/A	
8. Floor types		c. N/A	
a. Slab-On-Grade Edge Insulation	R=0.0, 228.0(p) ft		
b. N/A		14. Hot water systems	
c. N/A		a. Electric Resistance	Cap: 30.0 gallons
9. Wall types			EF: 0.90
a. Frame, Wood, Exterior	R=11.0, 1491.0 ft²	b. N/A	
b. N/A		c. Conservation credits	
c. N/A		(HR-Heat recovery, Solar	
d. N/A		DHP-Dedicated heat pump)	
e. N/A		15. HVAC credits	PT, CF,
10. Ceiling types		(CF-Ceiling fan, CV-Cross ventilation,	
a. Under Attic	R=30.0, 1934.0 ft²	HF-Whole house fan,	
b. N/A		PT-Programmable Thermostat,	
c. N/A		MZ-C-Multizone cooling,	
11. Ducts		MZ-H-Multizone heating)	
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 50.0 ft		
b. N/A			

Glass/Floor Area: 0.13

Total as-built points: 26120
Total base points: 28659

PASS

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

PREPARED BY: Tim Delbene

DATE: 9/20/05

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

OWNER/AGENT:

DATE:

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

BUILDING OFFICIAL:

DATE:



SUMMER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 15, Sub: Stonehenge Ph2, Plat: , Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned X BSPM = Points Floor Area											
				Type/SC	Overhang Ornt Len Hgt			Area X SPM X SOF = Points			
.18	1934.0	20.04	6976.3	Double, Clear	S	2.0	7.0	45.0	35.87	0.82	1323.7
				Double, Clear	S	2.0	8.0	72.0	35.87	0.86	2211.0
				Double, Clear	S	2.0	7.0	36.0	35.87	0.82	1059.0
				Double, Clear	W	2.0	6.0	12.0	38.52	0.85	392.7
				Double, Clear	N	2.0	7.0	36.0	19.20	0.92	637.4
				Double, Clear	N	8.0	7.0	36.0	19.20	0.69	475.8
				Double, Clear	E	2.0	5.0	12.0	42.06	0.80	402.2
				As-Built Total:				249.0 6501.9			
WALL TYPES Area X BSPM = Points				Type R-Value Area X SPM = Points							
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	11.0			1491.0	1.70	2534.7	
Exterior	1491.0	1.70	2534.7								
Base Total: 1491.0 2534.7				As-Built Total: 1491.0 2534.7							
DOOR TYPES Area X BSPM = Points				Type Area X SPM = Points							
Adjacent	21.0	2.40	50.4	Exterior Insulated				21.0	4.10	86.1	
Exterior	63.0	6.10	384.3	Exterior Insulated				21.0	4.10	86.1	
				Exterior Insulated				21.0	4.10	86.1	
				Adjacent Insulated				21.0	1.60	33.6	
Base Total: 84.0 434.7				As-Built Total: 84.0 291.9							
CEILING TYPES Area X BSPM = Points				Type R-Value Area X SPM X SCM = Points							
Under Attic	1934.0	1.73	3345.8	Under Attic	30.0			1934.0	1.73 X 1.00		3345.8
Base Total: 1934.0 3345.8				As-Built Total: 1934.0 3345.8							
FLOOR TYPES Area X BSPM = Points				Type R-Value Area X SPM = Points							
Slab	228.0(p)	-37.0	-8436.0	Slab-On-Grade Edge Insulation	0.0			228.0(p)	-41.20	-9393.6	
Raised	0.0	0.00	0.0								
Base Total: -8436.0				As-Built Total: 228.0 -9393.6							
INFILTRATION Area X BSPM = Points				Area X SPM = Points							
1934.0 10.21 19746.1				1934.0 10.21 19746.1							

SUMMER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 15, Sub: Stonehenge Ph2, Plat: , Lake City, FL, 32055-

PERMIT #:

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

WINTER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 15, Sub: Stonehenge Ph2, Plat: , Lake City, FL, 32055-

PERMIT #:

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

WINTER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 15, Sub: Stonehenge Ph2, Plat: , Lake City, FL, 32055- PERMIT #:

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

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 15, Sub: Stonehenge Ph2, Plat: , Lake City, FL, 32055-

PERMIT #:

BASE					AS-BUILT					
WATER HEATING										
Number of Bedrooms	X	Multiplier	=	Total	Tank Volume	EF	Number of Bedrooms	X	Tank X Ratio	Multiplier X Credit = Total Multiplier
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
10495		9926		8238 28659	8868		9198 8055 26120

PASS



Code Compliance Checklist
Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 15, Sub: Stonehenge Ph2, Plat: , Lake City, FL, 32055-

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

FLOOR ELEVATIONS

PROPERTY DESCRIPTION: **Stonehenge Subdivision, Phase 2**

OWNER: Donald E. Williams

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

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

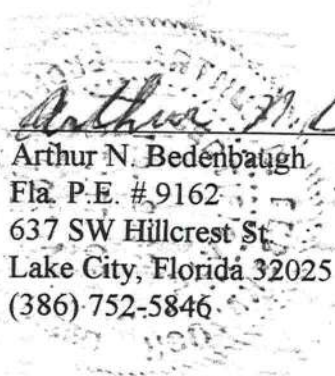
Lots 1, 2, 3, 4, & 5: The minimum finish floor elevation of all proposed habitable buildings shall be the higher of 12 inches above the highest adjacent existing ground elevation at the proposed building or 12 inches above the highest adjacent roadway.

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

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

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

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


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

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



**PRESTIQUE®
HIGH DEFINITION®**



RAISED PROFILE™

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

Product size	13 1/4" x 39 3/4"	50-year limited warranty period: non-prorated coverage for shingles and application labor for the initial 5 years, plus an option for transferability*; prorated coverage for application labor and shingles for balance of limited warranty period; 5-year limited wind warranty*.
Exposure	5 1/2"	
Pieces/Bundle	16	
Bundles/Square	4/98.5 sq.ft.	
Squares/Pallet	11	

Raised Profile

Product size	13 1/4" x 38 3/4"	30-year limited warranty period: non-prorated coverage for shingles and application labor for the initial 5 years, plus an option for transferability*; prorated coverage for application labor and shingles for balance of limited warranty period; 5-year limited wind warranty*.
Exposure	5 1/2"	
Pieces/Bundle	22	
Bundles/Square	3/100 sq.ft.	
Squares/Pallet	16	

Prestique I High Definition

Product size	13 1/4" x 39 3/4"	40-year limited warranty period: non-prorated coverage for shingles and application labor for the initial 5 years, plus an option for transferability*; prorated coverage for application labor and shingles for balance of limited warranty period; 5-year limited wind warranty*.
Exposure	5 1/2"	
Pieces/Bundle	16	
Bundles/Square	4/98.5 sq.ft.	
Squares/Pallet	11	

HIP AND RIDGE SHINGLES

Seal-A-Ridge® w/FLX™

Size: 12" x 12"
Exposure: 6 1/2"
Pieces/Bundle: 45
Coverage: 4 Bundles = 100 linear feet

Prestique High Definition

Product size	13 1/4" x 38 3/4"	30-year limited warranty period: non-prorated coverage for shingles and application labor for the initial 5 years, plus an option for transferability*; prorated coverage for application labor and shingles for balance of limited warranty period; 5-year limited wind warranty*.
Exposure	5 1/2"	
Pieces/Bundle	22	
Bundles/Square	3/100 sq.ft.	
Squares/Pallet	16	

Elk Starter Strip

52 Bundles/Pallet
16 Pallets/Truck
936 Bundles/Truck
19 Pieces/Bundle
1 Bundle = 120.33 linear feet

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

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

Check for availability with built-in SteinGuard® treatment to inhibit the discoloration of roofing granules caused by the growth of certain types of algae. Not available in Sablewood.

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

All Prestique and Raised Profile shingles meet the latest Metro Dade building code requirements.

*See actual limited warranty for conditions and limitations.

**Check for product availability.

SPECIFICATIONS

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

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

PREPARATION OF ROOF DECK: Roof deck to be dry, well-

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

Warranties are contingent upon the correct installation as shown on the instructions. These instructions are the minimum required to meet Elk application requirements. In some areas, building codes may require additional application techniques or methods beyond our instructions. In these cases, the local code must be followed. Under no circumstances will Elk accept application requirements less than those contained in its application instructions.

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

PROJECT:
CLIENT:
DATE:

CUSTOM
J PERRY
9 19 05

RESIDENTIAL/LIGHT COMMERCIAL HVAC LOADS

DESIGNER:

LAMAR BOOZER

CLIENT INFORMATION:

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

TOTAL BUILDING LOADS:

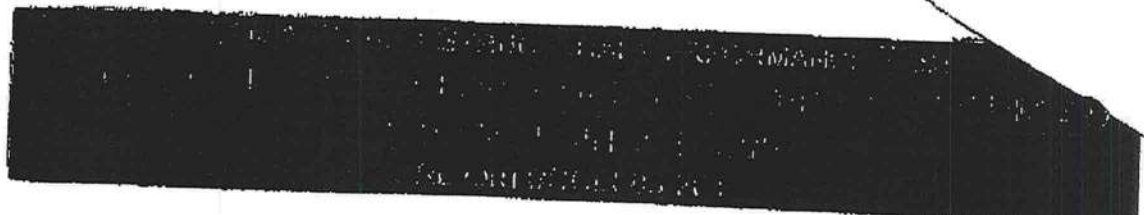
BLDG. LOAD DESCRIPTIONS	AREA QUAN	SEN. LOSS	LAT. + GAIN	SEN. = GAIN	TOTAL GAIN
3-C WINDOW DBL PANE CLR GLS METL FR	140	4,568	0	7,721	7,721
9-I FRENCH DOOR DBL CLR GLS METL FR	40	1,357	0	1,536	1,536
12-D WALL R-11 +1/2"ASPHLT BRD(R-1.3)	1,252	4,507	0	2,462	2,462
11-C DOOR METAL POLYSTYRENE CORE	60	1,269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

SUPPLY CFM AT 20 DEG DT: 954
SQUARE FT. OF ROOM AREA: 1,934

CFM PER SQUARE FOOT: 0.574
SQUARE FOOT PER TON: 874.748

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

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



November 21, 2003
Page 1 of 5

1. PROJECT DATA

Project: AAMA 450-00 Performance Test
Series 3180 Fixed / 3950 Twin Single Hung

Dates of Testing: October 23, 2003

Tested For: Action Window Technologies
1312 Crosby Rd
Carrollton, TX 75006

Witnessed By: (All or Partial Viewing)

Tony Rodriguez Action Window Technologies
Jay Halsey Action Window Technologies

Wesley A. Wilson Construction Consulting Laboratory, *International*

CONSTRUCTION CONSULTING LABORATORY, *INTERNATIONAL*



November 21, 2005

Page 2 of 5

2. INTRODUCTION

This report presents the performance results of Action Window Technologies Series 3180 PVC Fixed over Series 3950 PVC Twin Single Hung. Tests were conducted at Construction Consulting Laboratory, *International*, (CCLI) testing facility in Carrollton, TX.

3. SCOPE

CCLI was requested to report the testing results for an Action Window Technologies Series 3180 / 3950. Tests were conducted in accordance with AAMA 450-00 and ASTM E 330-02.

4. SUMMARY

Action Window Technologies Series 3180 / 3950 was tested in accordance AAMA 450-00 and ASTM E 330-02 and achieved a Design 50 rating.

5. TEST SPECIMEN

PRODUCT TYPE:	PVC Fixed over PVC Twin Single Hung, Photograph, Appendix B, and Product Drawings, Appendix A
SERIES/MODEL:	Action Series 3180 fixed and Series 3950 Hung
SPECIFICATION:	AAMA 405-00
OVERALL SIZE:	5'-11 3/4" X 8'-11 15/16"
FIXED SIZE:	5'-11 3/4" X 3'-0"
HUNG SIZE:	2'-11 5/8" X 5'-11 1/2"
SASH SIZE:	2'-8 1/4" X 2'-5 3/16"
FRAME DIMENSION:	2.795"
CONFIGURATION:	



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November 21, 2005
Page 3 of 5

Refer to Mock-Up drawing in **Appendix A**. This report is not complete unless this drawing is stamped and initialed by CCLI as illustrated below.



**CONSTRUCTION CONSULTING
LABORATORY, INTERNATIONAL**

1601 Luna Road
Carrollton Texas 75006
Phone (972) 242-0556

03-201 GW 11-21-03

Weather-strip: One row pile weather-strip with integral plastic fin (0.300" thickness) at the exterior face sash top rail. One row pile weather-strip with integral plastic fin (0.250" thickness) at the exterior and lateral face sash stiles. One row bulb vinyl with foam walls (0.500") diameter at the exterior leg beneath sash bottom rail.

Hardware: Cam action locks, one (1), 7" on center from each end of sash top rail, attached with two (2), #8 x 1" self tapping screws with keeper groove at fixed interlock rail. One tilt latch and one steel pivot bar at top and bottom of sash stiles. One spiral type balance per jamb for sash operation.

Glass Fixed Lites: $\frac{5}{8}$ " overall thickness sealed insulating glass, two pieces DSB with $\frac{3}{8}$ " swiggle strip air spacer.

Sash Glass: $\frac{5}{8}$ " overall thickness sealed insulating glass, two pieces SSB with $\frac{7}{16}$ " swiggle strip metal air spacer.

Glazing: Exterior glazed with silicone sealant at interior of glass and rigid vinyl snap-in glazing bead at exterior of glass.

Fixed Window Weep Arrangement: $\frac{1}{2}$ " x $\frac{1}{4}$ " weep slot spaced 5 $\frac{1}{4}$ " from each end in the glazing pocket at frame sill with a 1" x $\frac{1}{8}$ " weep slot at the exterior of frame sill spaced 3 $\frac{1}{4}$ " from each end.

Hung Weep Arrangement: $\frac{3}{16}$ " x $\frac{1}{8}$ " weep slot spaced 2 $\frac{1}{4}$ " from each end in the glazing pocket punched through fixed interlock. $\frac{3}{16}$ " x $\frac{1}{8}$ " weep slot punched through sash bottom rail spaced 2 $\frac{1}{2}$ " from each end. Screen retaining legs and frame sill center leg notched $\frac{1}{2}$ " at each end

Reinforcement: T-shaped extruded aluminum reinforcement at sash members and L-shaped at fixed interlock. T-shaped extruded aluminum at vertical and horizontal mullion.

CONSTRUCTION CONSULTING LABORATORY, INTERNATIONAL



November 21, 2003

Page 4 of 5

Installation: Test buck was constructed from nominal 2" x 6" and 2" x 4" at the perimeter with 1/2" OSB or strand board at the infil. Window opening is cut into the OSB and then framed with nominal 2" x 4" SPF. Window nail fin is attached through OSB into 2" x 4" with # 8 x 1 1/2" wood screws spaced 2-3" from each end and on approximately 12" centers.

Other Features: Frame and sash corners are mitered and welded. Fixed interlock reinforcement attached to frame jambs with one (1) #8 x 2" wafer head screw and one (1) 7/8" dia flat washer per end.

Mullion Features: Mullion brackets (steel plate 2 1/4" x 3 1/4" x 0.050"t) are attached to each end of horizontal mullion and bottom of vertical mullion with two (2) # 8 x 1" wafer or pan head screws into mullion screw spline, **Photograph 2, Appendix B.** Mullion brackets are then attached into test buck with two (2) #8 x 1 1/2" wood screws. Frame members are attached to extruded aluminum mullion with #8 x 1" screws spaced approximately 2-3" from each end and on 12" centers. Rigid vinyl mull cover is applied to the extruded aluminum mulls at interior and exterior face of mullion.

Date Tests Started: October 23, 2003

Date Tests Completed: October 23, 2003

Testing Performed at: Construction Consulting Laboratory, *International* in Carrollton, Texas

6. PERFORMANCE RESULTS

<u>Title Of Test</u>	<u>Test Method</u>	<u>Measured</u>	<u>Allowed</u>
Uniform Deflection @ Horizontal Mullion	ASTM E 330-02 (10 Second Duration)		
-Positive @ 50 PSF		.550"	.408"
-Permanent Set		.040"	.286"
-Negative @ 50 PSF		.595"	.408"
-Permanent Set		.080"	.286"
Uniform Deflection @ Vertical Mullion	ASTM E 330-02 (10 Second Duration)		
-Positive @ 50 PSF		.830"	.408"
-Permanent Set		.000"	.286"
-Negative @ 50 PSF		.890"	.408"
-Permanent Set		.050"	.286"

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8



Uniform Structural	ASTM E 330-02 (10 Second Duration)	
-Positive	75.00 PSF	75.00 PSF
-Negative	75.00 PSF	75.00 PSF
-Permanent Set (Horizontal)	.110	0.286"
-Permanent Set (Vertical)	.065	0.336"

Detailed extrusion and assembly drawings indicating measured wall thickness and corner construction are on file and were compared to the test sample submitted. These records will be retained at CCLI for a period of four years.

7. CONCLUSION

The tests noted in Section 6 of this report were conducted in accordance with the structural requirements of AAMA 450-00 using ASTM E 330-02.

Respectfully submitted,

CONSTRUCTION CONSULTING LABORATORY, INTERNATIONAL

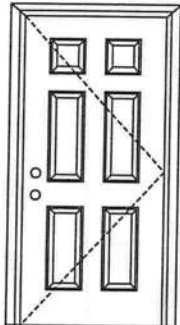

JUVENAL AZUA
TECHNICIAN


WESLEY A. WILSON
LABORATORY MANAGER

CONSTRUCTION CONSULTING LABORATORY, INTERNATIONAL

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

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

Design Pressure
+66.0/-66.0

limited water unless special threshold design is used.

Large Missile Impact Resistance

Hurricane protective system (shutters) is NOT REQUIRED.

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

MINIMUM ASSEMBLY DETAIL:

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

MINIMUM INSTALLATION DETAIL:

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

APPROVED DOOR STYLES:



Flush



Arch Top 3-panel



3-panel



6-panel



New England 4-panel



Eyebrow 4-panel



8-panel



9-panel



15-panel



5-panel



5-panel with scroll



Eyebrow 5-panel



Eyebrow 5-panel with scroll

Johnson™
EntrySystems

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



Exclusively from

Masonite®
Masonite International Corporation

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

2

Johnson
EntrySystems

June 17, 2002

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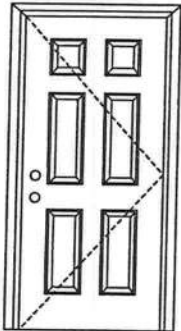
Exclusively from

Masonite

Masonite International Corporation

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
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).

Kurt L Balthaz

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

2

Johnson
EntrySystems

June 17, 2002

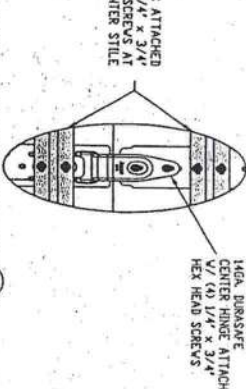
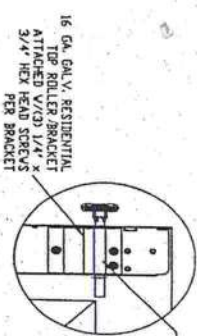
Our continuing program of product improvement makes specifications, design and product detail subject to change without notice.



Exclusively from

Masonite
Masonite International Corporation

10 x 1



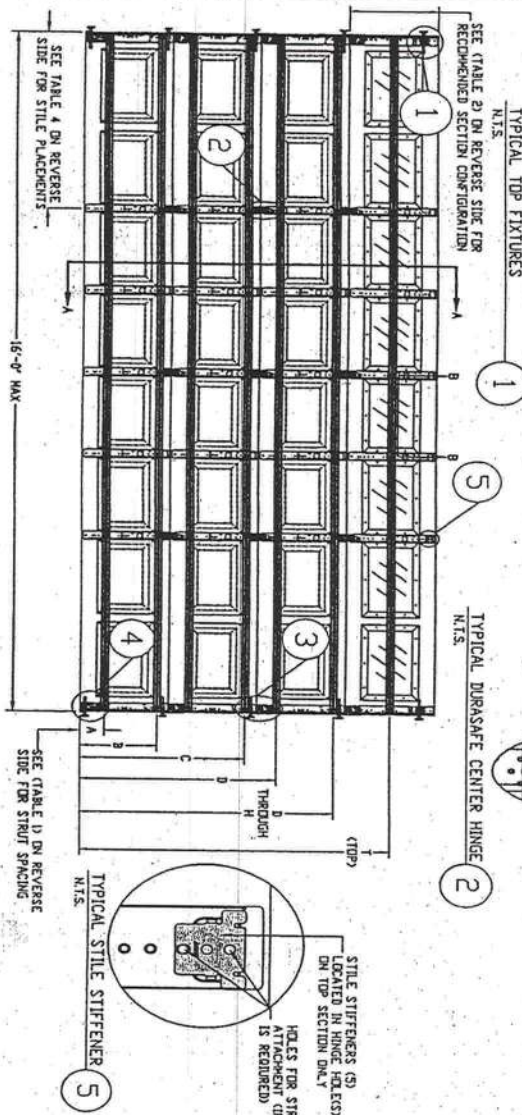
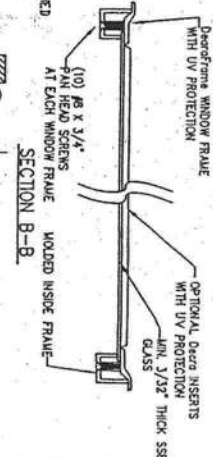
25 GA. SKIN (6002)
24 GA. SKIN (9350)

16 GA. RESIDENTIAL TOP FUTURE ATTACHED V/ (2) 1/4" x 3/4" HEX HEAD SCREWS ATTACHED V/ (2) 1/4" x 1/2" BOLT AND NUTS

OPTIONAL DURA INSERTS WITH UV PROTECTION GLASS MIN. 3/32" THICK \$59

GLAZING OPTION CROSS SECTION

TEST No. RC-6009-169-15 ON OCTOBER 10, 2002 INCLUDED GLAZING IN THE TESTED DOOR. THE TEST PRESSURES WERE -47.2 PSF AND -40.1 PSF. FOR COMPARISON, UP TO EIGHT (8) WINDOWS MAY BE INSTALLED IN THE SECTION OF EITHER THE MODEL 600 OR 950 DOORS CONSTRUCTED PER THIS DRAWING.

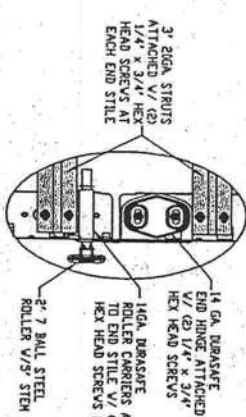


TYPICAL TOP FIXTURES

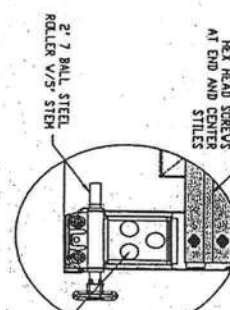
TYPICAL DURASAFE CENTER HINGE

TYPICAL STILE STIFFENER

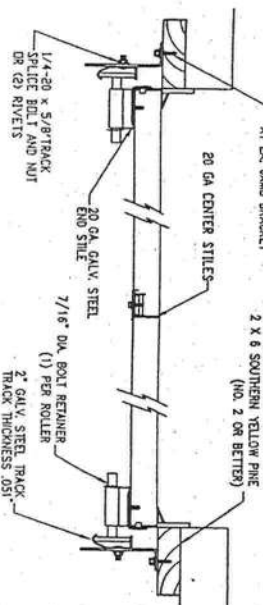
INSIDE ELEVATION



TYPICAL DURASAFE END HINGE

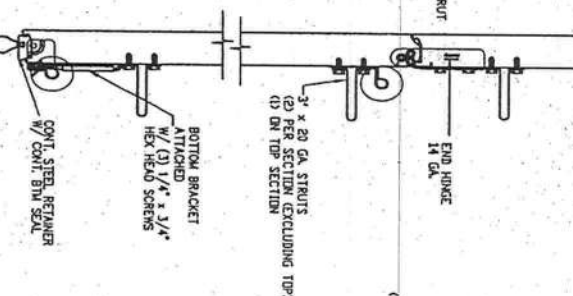


TYPICAL BOTTOM BRACKET

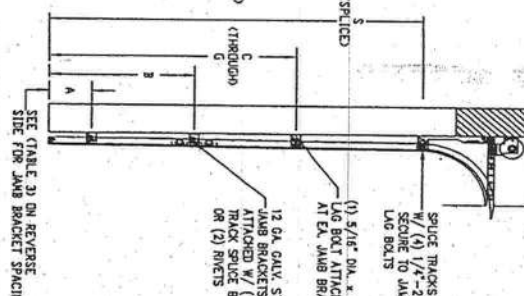


TRACK MOUNTING DETAIL

SECTION A-A (SIDE VIEW)



TRACK CONFIGURATION FOR 5'6" UP TO 1'4" TALL DOORS



WOOD JAMB ATTACHMENT TO STRUCTURE

- 2.2.1. VERTICAL JAMB ATTACHMENT TO 2,000 PSF CONCRETE
- 2.2.2. VERTICAL JAMB ATTACHMENT TO 2,000 PSF CONCRETE
- 2.2.3. VERTICAL JAMB ATTACHMENT TO 2,000 PSF CONCRETE
- 2.2.4. VERTICAL JAMB ATTACHMENT TO 2,000 PSF CONCRETE
- 2.2.5. VERTICAL JAMB ATTACHMENT TO 2,000 PSF CONCRETE
- 2.2.6. VERTICAL JAMB ATTACHMENT TO 2,000 PSF CONCRETE
- 2.2.7. VERTICAL JAMB ATTACHMENT TO 2,000 PSF CONCRETE
- 2.2.8. VERTICAL JAMB ATTACHMENT TO 2,000 PSF CONCRETE
- 2.2.9. VERTICAL JAMB ATTACHMENT TO 2,000 PSF CONCRETE
- 2.2.10. VERTICAL JAMB ATTACHMENT TO 2,000 PSF CONCRETE
- 2.2.11. VERTICAL JAMB ATTACHMENT TO 2,000 PSF CONCRETE
- 2.2.12. VERTICAL JAMB ATTACHMENT TO 2,000 PSF CONCRETE
- 2.2.13. VERTICAL JAMB ATTACHMENT TO 2,000 PSF CONCRETE
- 2.2.14. VERTICAL JAMB ATTACHMENT TO 2,000 PSF CONCRETE
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TEST LOADS

REV	DESCRIPTION OF REVISIONS	DATE	BY
MAX SIZE	16' x 14'		
DESIGN LOADS	+21.8 PSF		
	-24.8 PSF		
TEST LOADS	+32.7 PSF		
	-37.2 PSF		

Amart
FABRIC DOORS

165 CARRIAGE COURT VINSTON-SALEM, NC 27105
MODEL #600 STRATFORD w/ Durasafe
MODEL 950 HERITAGE w/ Durasafe
Short Panel, Long Panel, and Flush Panel
SIZE DRAWN BY DATE 04/05/03
B ORDERED BY DATE 04/05/03
DRAWING NUMBER IRC-60016-120-15
DRAWER: HANES L. SULLIVAN P.E. 04/05/03 SHEET 1 OF 1

JUN 03 2003

TABLE 1

STRUT SPACING (BASED ON RECOMMENDED SECTION CONFIGURATION)																
DOOR HEIGHT	A	B	C	D	E	F	G	H	I	J	K	L	M	N	TOP	T
6'6"	5 1/2"	18 1/4"	25 1/2"	36 1/4"	43 1/2"	54 1/4"									67 1/2"	
7'0"	5 1/2"	18 1/4"	25 1/2"	33 1/4"	40 1/2"	51 1/4"	58 1/2"	69 1/4"							73 1/2"	
7'6"	5 1/2"	15 1/4"	22 1/2"	33 1/4"	40 1/2"	51 1/4"	58 1/2"	69 1/4"							81"	
8'0"	5 1/2"	18 1/4"	25 1/2"	36 1/4"	43 1/2"	54 1/4"	61 1/2"	72 1/4"							85 1/2"	
8'6"	5 1/2"	18 1/4"	25 1/2"	33 1/4"	40 1/2"	51 1/4"	58 1/2"	69 1/4"							91 1/2"	
9'0"	5 1/2"	15 1/4"	22 1/2"	33 1/4"	40 1/2"	51 1/4"	58 1/2"	69 1/4"							99"	
9'6"	5 1/2"	18 1/4"	25 1/2"	36 1/4"	43 1/2"	54 1/4"	61 1/2"	72 1/4"							103 1/2"	
10'0"	5 1/2"	18 1/4"	25 1/2"	33 1/4"	40 1/2"	51 1/4"	58 1/2"	69 1/4"							109 1/2"	
10'6"	5 1/2"	18 1/4"	25 1/2"	36 1/4"	43 1/2"	54 1/4"	61 1/2"	72 1/4"							115 1/2"	
11'0"	5 1/2"	18 1/4"	25 1/2"	33 1/4"	40 1/2"	51 1/4"	58 1/2"	69 1/4"							121 1/2"	
11'6"	5 1/2"	18 1/4"	25 1/2"	36 1/4"	43 1/2"	54 1/4"	61 1/2"	72 1/4"							127 1/2"	
12'0"	5 1/2"	18 1/4"	25 1/2"	33 1/4"	40 1/2"	51 1/4"	58 1/2"	69 1/4"							133 1/2"	
12'6"	5 1/2"	18 1/4"	25 1/2"	36 1/4"	43 1/2"	54 1/4"	61 1/2"	72 1/4"							139 1/2"	
13'0"	5 1/2"	18 1/4"	25 1/2"	33 1/4"	40 1/2"	51 1/4"	58 1/2"	69 1/4"							145 1/2"	
13'6"	5 1/2"	18 1/4"	25 1/2"	36 1/4"	43 1/2"	54 1/4"	61 1/2"	72 1/4"							151 1/2"	
14'0"	5 1/2"	18 1/4"	25 1/2"	33 1/4"	40 1/2"	51 1/4"	58 1/2"	69 1/4"							157 1/2"	

TABLE 2

DOOR HEIGHT	SECTION HEIGHTS							
	Blm	#2	#3	#4	#5	#6	#7	#8
14'0"	21"	21"	21"	21"	21"	21"	21"	21"
13'6"	21"	21"	21"	21"	21"	18"	18"	21"
13'0"	21"	21"	21"	18"	18"	18"	18"	21"
12'6"	21"	18"	18"	18"	18"	18"	18"	21"
12'0"	21"	21"	21"	21"	18"	18"	18"	21"
11'6"	21"	21"	21"	18"	18"	18"	18"	21"
11'0"	21"	18"	18"	18"	18"	18"	18"	21"
10'6"	21"	21"	21"	21"	21"	21"		
10'0"	21"	21"	21"	18"	18"	18"	21"	
9'6"	21"	18"	18"	18"	18"	18"	21"	
9'0"	18"	18"	18"	18"	18"	18"	18"	
8'6"	21"	21"	21"	18"	18"	21"		
8'0"	21"	18"	18"	18"	18"	21"		
7'6"	18"	18"	18"	18"	18"			
7'0"	21"	21"	21"	21"				
6'6"	21"	18"	18"	21"				

TABLE 3

DOOR HEIGHT	TRACK ATTACHMENT								SPLICE
	A	B	C	D	E	F	G	S	
6'6"	10"	38"	58"						70"
7"	10"	38"	58"						76"
7'6"	4"	28"	52"	76"					82"
8"	10"	34"	58"	82"					88"
8'6"	4"	28"	52"	76"					94"
9"	10"	34"	58"	82"					100"
9'6"	4"	28"	52"	76"	100"				106"
10"	10"	34"	58"	82"	106"				112"
10'6"	4"	28"	52"	76"	100"				118"
11"	10"	34"	58"	82"	106"				124"
11'6"	4"	28"	52"	76"	100"	124"			130"
12"	10"	34"	58"	82"	106"	130"			136"
12'6"	4"	28"	52"	76"	100"	124"			142"
13"	10"	34"	58"	82"	106"	130"			148"
13'6"	4"	28"	52"	76"	100"	124"	148"		154"
14"	10"	34"	58"	82"	106"	130"	154"		160"

TABLE 4

Section Width (ft)	Panel Type	Center Sill Locations (Measured from Left Edge)				
		1st (in)	2nd (in)	3rd (in)	4th (in)	5th (in)
10'0	Short	48.406	71.594			
10'6	Long	30.000	60.000	90.000		
12'0	Short	48.812	72.000	96.364		
12'0	Long	49.625	72.000	94.375		
12'2	Short	49.636	73.000	96.364		
12'2	Long	50.084	73.000	95.916		
12'4	Short	50.636	74.000	97.364		
12'4	Long	51.084	74.000	96.916		
12'6	Short	50.670	75.000	99.330		
12'6	Long	51.170	75.000	98.830		
12'8	Short	51.670	76.000	100.330		
12'8	Long	52.100	76.000	99.900		
12'10	Short	52.250	77.000	101.750		
12'10	Long	53.100	77.000	100.900		
13'0	Short	53.000	78.000	103.000		
13'0	Long	54.100	78.000	101.900		
13'2	Short	54.000	79.000	104.000		
13'2	Long	55.100	79.000	102.900		
13'4	Short	54.400	80.000	105.600		
13'4	Long	54.900	80.000	105.100		
13'6	Short	55.400	81.000	106.600		
13'6	Long	55.900	81.000	106.100		
13'8	Short	56.400	82.000	107.600		
13'8	Long	56.625	82.000	107.375		
13'10	Short	57.163	82.938	108.713		
13'10	Long	57.170	83.000	108.830		
14'0	Short	57.763	83.938	110.173		
14'0	Long	58.625	84.000	109.375		
14'2	Short	58.846	84.938	111.413		
14'2	Long	59.170	85.000	110.830		
14'4	Short	59.163	85.938	112.713		
14'4	Long	60.170	86.000	111.830		
14'6	Short	60.563	86.938	113.613		
14'6	Long	61.170	87.000	112.830		
14'8	Short	60.563	87.938	114.513		
14'8	Long	64.812	86.406	88.000	*09.594	131.188
14'10	Short	61.263	88.938	116.613		
14'10	Long	45.600	67.300	89.000	*10.700	132.400
15'0	Short	61.938	89.938	119.938	*10.938	131.938
15'0	Long	46.600	68.300	90.000	*11.700	133.400
15'2	Short	62.663	78.804	90.938	*10.076	119.213
15'2	Long	47.600	69.300	91.000	*12.700	134.400
15'4	Short	53.600	79.200	104.800	130.400	
15'4	Long	47.250	69.625	92.000	*14.375	136.750
15'6	Short	46.624	69.812	93.000	*16.188	139.376
15'6	Long	47.600	70.300	93.000	*15.700	138.400
15'8	Short	47.624	70.412	94.000	*17.188	140.376
15'8	Long	48.600	*71.300	94.000	*16.700	139.400
15'10	Short	48.664	*71.812	95.000	*18.188	141.376
15'10	Long	49.167	*72.084	95.000	*17.917	140.833
16'0	Short	49.624	*72.812	96.000	*19.188	142.376
16'0	Long	50.600	*73.300	96.000	*18.700	141.400

COLUMBIA COUNTY BUILDING DEPARTMENT

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

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

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

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

APPLICANT - PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

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

Applicant	Plans Examiner	
☒	☐	All drawings must be clear, concise and drawn to scale ("Optional " details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans.
☒	☒	Designers name and signature on document (FBC 104.2.1). If licensed architect or engineer, official seal shall be affixed.
☒	☒	<u>Site Plan including:</u> a) Dimensions of lot b) Dimensions of building set backs c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements. d) Provide a full legal description of property.
☒	☒	<u>Wind-load Engineering Summary, calculations and any details required</u> a) Plans or specifications must state compliance with FBC Section 1606 b) The following information must be shown as per section 1606.1.7 FBC a. Basic wind speed (MPH) b. Wind importance factor (I) and building category c. Wind exposure - if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated d. The applicable internal pressure coefficient e. Components and Cladding. The design wind pressure in terms of psf (kN/m ²), to be used for the design of exterior component and cladding materials not specifically designed by the registered design professional
☒	☒	<u>Elevations including:</u> a) All sides b) Roof pitch c) Overhang dimensions and detail with attic ventilation d) Location, size and height above roof of chimneys e) Location and size of skylights f) Building height g) Number of stories
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☒	☐	Floor Plan Including:
☒	☐	a) Rooms labeled and dimensioned
☒	☐	b) Shear walls
☐	☐	c) Windows and doors (including garage doors) showing size, mfg., approval listing and attachment specs. (FBC 1707) and safety glazing where needed (egress windows in bedrooms to be shown)
☐	☐	d) Fireplaces (gas appliance) (vented or non-vented) or wood burning with hearth
☒	☐	e) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails
☒	☐	f) Must show and identify accessibility requirements (accessible bathroom)
☒	☐	Foundation Plan Including:
☒	☐	a) Location of all load-bearing wall with required footings indicated as standard Or monolithic and dimensions and reinforcing
☒	☐	b) All posts and/or column footing including size and reinforcing
☒	☐	c) Any special support required by soil analysis such as piling
☒	☐	d) Location of any vertical steel
☒	☐	Roof System:
☐	☐	a) Truss package including: 1. Truss layout and truss details signed and sealed by FI. Pro. Eng. 2. Roof assembly (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
☐	☐	b) Conventional Framing Layout including: 1. Rafter size, species and spacing 2. Attachment to wall and uplift 3. Ridge beam sized and valley framing and support details 4. Roof assembly (FBC 104.2.1 Roofing systems, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
☐	☐	Wall Sections Including:
		a) Masonry wall 1. All materials making up wall 2. Block size and mortar type with size and spacing of reinforcement 3. Lintel, tie-beam sizes and reinforcement 4. Gable ends with rake beams showing reinforcement or gable truss and wall bracing details 5. All required connectors with uplift rating and required number and size of fasteners for continuous tie from roof to foundation 6. Roof assembly shown here or on roof system detail (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with resistance rating) 7. Fire resistant construction (if required) 8. Fireproofing requirements 9. Shoe type of termite treatment (termicide or alternative method) 10. Slab on grade a. Vapor retardant (6mil. Polyethylene with joints lapped 6 inches and sealed) b. Must show control joints, synthetic fiber reinforcement or Welded fire fabric reinforcement and supports 11. Indicate where pressure treated wood will be placed 12. Provide Insulation R value for the following: a. Attic space b. Exterior wall cavity c. Crawl space (if applicable)

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

City water

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

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

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

NOTICE:

ADDRESSES BY APPOINTMENT ONLY!

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

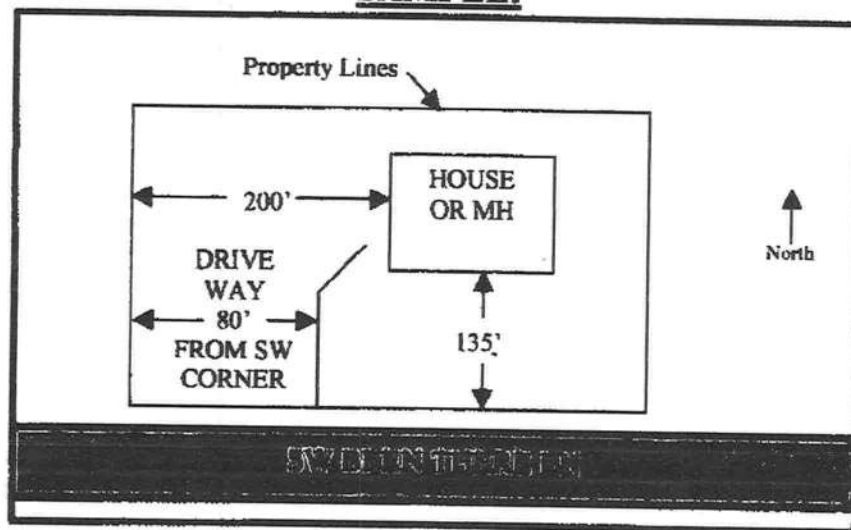
YOU CAN NOT OBTAIN A NEW ADDRESS OVER THE TELEPHONE. MUST MAKE AN APPOINTMENT!

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

THE REQUESTER WILL NEED THE FOLLOWING:

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

SAMPLE:



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

Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID:1SQ3487-Z0301083033

Truss Fabricator: Anderson Truss Company
Job Identification: 5-391-JONATHON PERRY / LOT 15 PHASE II STONEHANGE
Truss Count: 46
Model Code: Florida Building Code 2001
Truss Criteria: ANSI/TPI-1995(STD)/FBC
Engineering Software: Alpine Software, Version 7.04.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-98 -Closed

Notes:

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

Details: BRCLBSUB-A11015EC-GBLLETIN

#	Ref	Description	Drawing#	Date
1	16227--A4		05244001	09/01/05
2	16228--A2		05244002	09/01/05
3	16229--A1		05244003	09/01/05
4	16230--A		05244004	09/01/05
5	16231--H17AM		05244005	09/01/05
6	16232--A3		05244006	09/01/05
7	16233--H7A		05243044	08/31/05
8	16234--H7AM		05244025	09/01/05
9	16235--H11A		05244026	09/01/05
10	16236--H9AM		05244027	09/01/05
11	16237--H11AM		05244028	09/01/05
12	16238--H13AM		05244029	09/01/05
13	16239--H15AM		05244030	09/01/05
14	16240--H9A		05244031	09/01/05
15	16241--H13A		05244032	09/01/05
16	16242--H17AT		05244007	09/01/05
17	16243--H15AT		05244033	09/01/05
18	16244--AT1		05244008	09/01/05
19	16245--AT		05244009	09/01/05
20	16246--B		05244010	09/01/05
21	16247--BS		05244011	09/01/05
22	16248--BGE		05244034	09/01/05
23	16249--B1		05244012	09/01/05
24	16250--B2		05244013	09/01/05
25	16251--B3		05244014	09/01/05
26	16252--B4		05244015	09/01/05
27	16253--CGE		05244035	09/01/05
28	16254--C-1		05244036	09/01/05
29	16255--C		05244016	09/01/05
30	16256--D		05244017	09/01/05
31	16257--D-1		05244037	09/01/05
32	16258--H7DT		05244038	09/01/05
33	16259--DT		05244043	09/01/05
34	16260--EJ7		05244039	09/01/05
35	16261--CJ5		05244040	09/01/05
36	16262--HJ7		05243045	08/31/05

#	Ref	Description	Drawing#	Date
37	16263--CJ3		05244018	09/01/05
38	16264--CJ1		05244041	09/01/05
39	16265--HJ7T		05243043	08/31/05
40	16266--CJ3T		05244019	09/01/05
41	16267--CJ5T		05244020	09/01/05
42	16268--EJ7T		05244021	09/01/05
43	16269--M		05244022	09/01/05
44	16270--M1		05244023	09/01/05
45	16271--MGE		05244042	09/01/05
46	16272--M2		05244024	09/01/05

Seal Date: 09/01/2005

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



110 mph wind, 13.43 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.



-24-11-12 Over 2 Supports

R=999 U=210 W=3.5"

Scale = .25"/Ft.

TC LL	20.0	PSF	REF R487 - - 16227
TC DL	10.0	PSF	DATE 09/01/05
BC DL	10.0	PSF	DRW HCUR487 05244001
BC LL	0.0	PSF	HC-ENG JB/AF *
TOT.LD.	40.0	PSF	SEQN - 27267
DUR.FAC.	1.25		
SDACTMC	24.0"		1P5E - 150247 702

[illegible]

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

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



Scale = 1875"/Ft

1055-1503197 703

(5-391-JONATHAN PERRY / LOT 15 PHASE II STONEHANGE - A1)

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

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

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

Left end vertical not exposed to wind pressure.

PLT TYP. Wave TPI

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

Design Crit: TPI-1995(STD)/FBC

7.0

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
CDATING	2A 0"

REF	R487--	16229
DATE	09/01/05	
DRW	HCUSR487	05244003
HC-ENG	JB/AF	*
SEQN	27291	
DUR.FAC.	1.25	
CDATING	2A 0"	

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 595 D'UNOIRIO DR., SUITE 200, MADISON, WI 53719) AND RICA (ROOFING INSTITUTE OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, ALL DIMENSIONS 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/AS) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2024-T3 ALUMINUM (A136) ASH 6061 GRADE 40/60 (H, K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS T60A-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.

ALPINE ENGINEERED PRODUCTS, INC.

SEAL OF PROFESSIONAL ENGINEER

STATE OF FLORIDA

No. 59687

EXPIRATION DATE 05/01/10

SEAL OF PROFESSIONAL ENGINEER

STATE OF FLORIDA

No. 59687

EXPIRATION DATE 05/01/10

NUMBER 1

IONS

EDITED

SS MF

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

(A) Continuous lateral bracing equally spaced on member.



1 1 - 131 - 1 - 181 -

Design Crit: TPI-1995(STD)/FBC 7

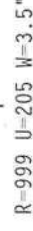
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TC DL	10.0	PSF	DATE	09/01/05	
BC DL	10.0	PSF	DRW	HCUSR487	05244004
BC LL	0.0	PSF	HC-ENG	JB/AF	
TOT.LD.	40.0	PSF	SEQN -	27290	
DUR.FAC.	1.25				

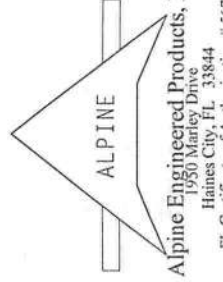
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844

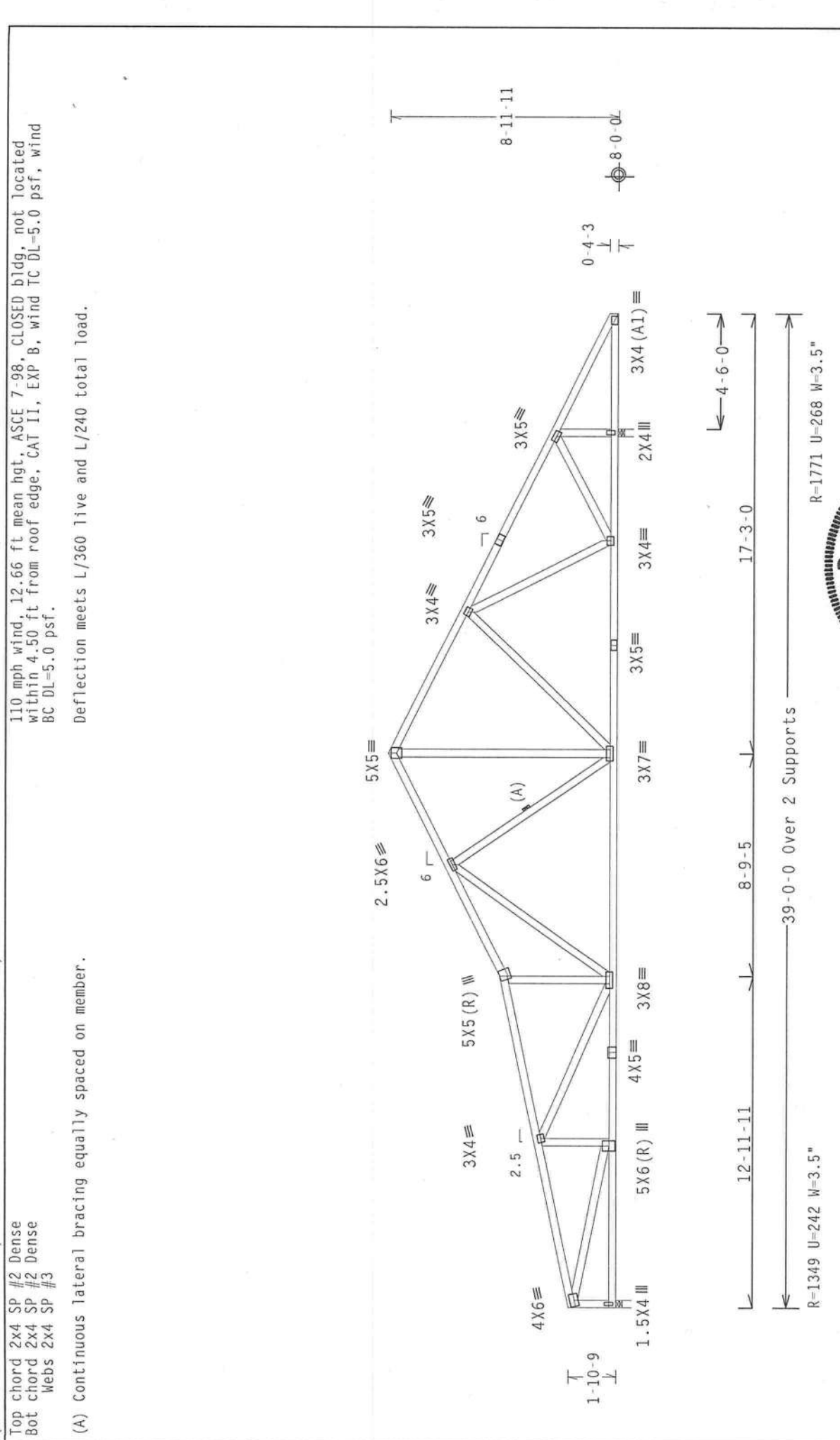
* **IMPORTANT** - FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERING PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS, IN CONFORMANCE WITH THE PROVISIONS OF THIS MATERIAL SPEC. BY AWARD AND BY THE ALPINE CONNECTION SYSTEMS, ANY MODIFICATION OF THE TRUSS, OR ANY FAILURE TO FOLLOW THE INSTRUCTIONS, PLATES TO EACH PAGE OF TRUSS AND, UNLESS OTHERWISE LOCATED IN THIS DESIGN, POSITION PER DRAWING 160A.2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERMITTED AS OF 1/1/11-2002 SEC.3. A SEAL ON THE DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT BUILDING DESIGNER. PER AWARD 1/11 SEC.2.2. FOR THIS CONCEPT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER.

Right end vertical not exposed to wind pressure.



TC LL	20.0	PSF	REF	R487--	16231
TC DL	10.0	PSF	DATE	09/01/05	
BC DL	10.0	PSF	DRW	HCUSR487	05244005
BC LL	0.0	PSF	HC-ENG	JB/AF	*
TOT.LD.	40.0	PSF	SEQN-	27279	
DUR.FAC.	1.25				
SPACING	24.0"				1055- 150349 702





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

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 583 D'ONDRIO 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, ALL DIMENSIONS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR THE CONSTRUCTION OF THE TRUSS OR THE INSTALLATION OF THE TRUSS IN CONFORMANCE WITH THE TPI TRUSS PLATE INSTITUTE OR MICA (WOOD TRUSS COUNCIL OF AMERICA) DESIGN. TRUSSES IN CONFORMANCE WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AIA) AND TPI TRUSS PLATE INSTITUTE (TPI TRUSS PLATE INSTITUTE) SHALL BE MADE OF 20/10/16GA (H/H/S/S) ASTM A653 GRADE 40/50 (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 DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ARTHUR R. FISHER

NO. 89687

STATE OF FLORIDA

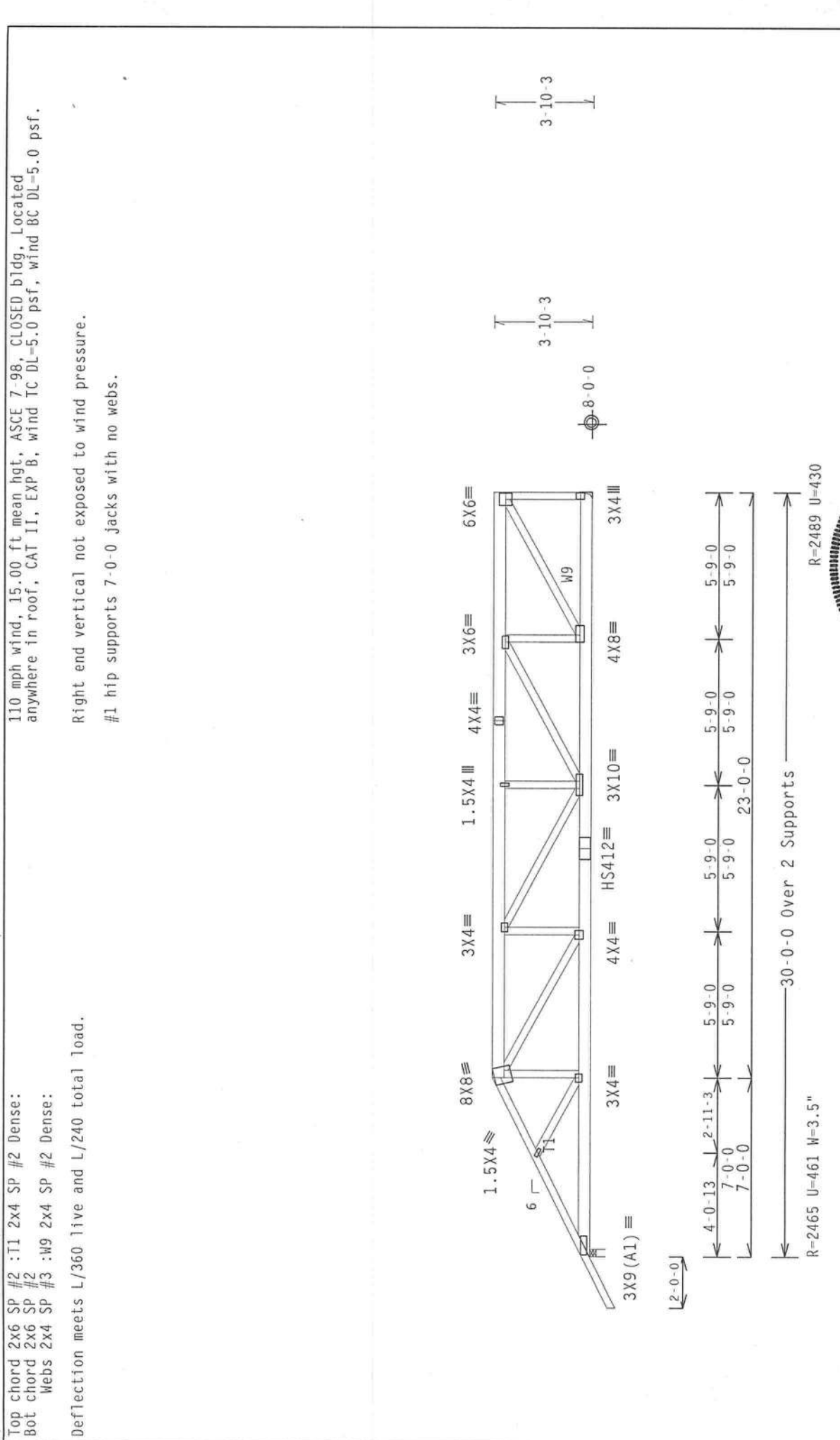
PROFESSIONAL ENGINEER

7.0

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

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



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

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

****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, 5835 WILSON DR., SUITE 200, MADISON, WI 53719) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., SUITE 100, FARMINGTON, CT 06031) FOR ADDITIONAL INFORMATION. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/10/16GA (W-H/S/S) ASTM A653 GRADE 40/60 (W, K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERICAN TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

Scale = .1875" / Ft.

Webs 2x4 SP #3 :W2, W6 2x4 SP #2 Dense:

End verticals not exposed to wind pressure.

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

The TC of this truss shall be braced with attached spans at 24" OC in lieu of structural sheathing.

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

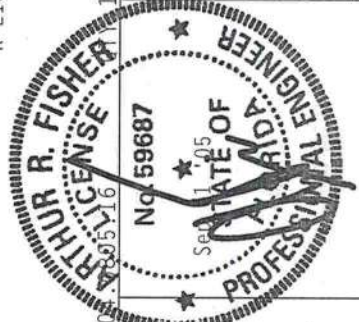


PLT TYP. Wa've TPI

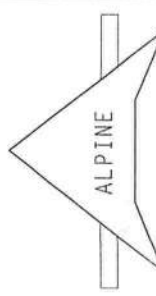
7. (

FL/-/3/-/-R/- Scale = .3125"/Ft.

TC LL	20.0 PSF	REF	R487--	16234
TC DL	10.0 PSF	DATE	09/01/05	
BC DL	10.0 PSF	DRW	HCUSR487	05244025
BC LL	0.0 PSF	HC-ENG	JB/AF	
TOT.LD.	40.0 PSF	SEQN-	27293	
DUR.FAC.	1.25			
SPACING	24.0"			10EE- 150247 703



****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR INSTALLATION OF THIS TRUSS TO OTHER TRUSSES IN CONFORMANCE WITH TPI. FOR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIAA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/186A (441/35) ASTM A563 GRADE 40/60 (40, 6/16) 60 ALV. 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 AMB 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 LIABILITY OF ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. PER AMB1/TPI 1 SEC. 2.



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

Right end vertical not exposed to wind pressure.

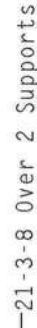
Deflection meets L/360 live and L/240 total load.



110 mph wind, 12.25 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

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



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

Design Crit: TPI-1995 (STD) / ERC

Scale = .3125" / Ft.

TC LL	20.0 PSF	REF	R487--	16237
TC DL	10.0 PSF	DATE	09/01/05	
BC DL	10.0 PSF	DRW	HCUSR487	05244028
BC LL	0.0 PSF	HC-ENG	JB/AF	
TOT.LD.	40.0 PSF	SEQN-	27299	
DUR.FAC.	1.25			
SPACING	24.0"			



****IMPORTANT*****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THIS DESIGN, INCLUDING THE PROVISIONS OF SUBSECTION 601-11.1, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AUTHORITIES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NYS AUTOMATICALLY QUALIFYING SPECIFICATIONS FOR STEEL CONNECTOR PLATES ARE MADE OF 20Y19/16GA (A575) GRADE 40/60 (A 575) ONLY STEEL. PLATES TO EACH FACE OF THUS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A.3 OF 1P11-2002 SEC.3.,

DAMPENING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING LIABILITY 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

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

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

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

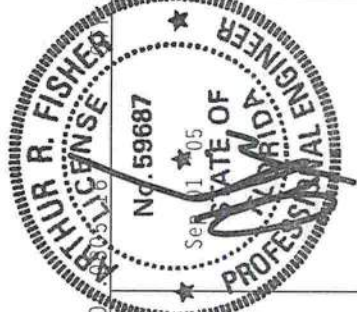


R-852 U=180 H=Simpson LUS26
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2x6 min. So.Pine

Design Crit: TPI-1995(STD)/FRC

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

TC LL	20.0	PSF	REF	R487--	16238
TC DL	10.0	PSF	DATE	09/01/05	
BC DL	10.0	PSF	DRW	HCUSR487	05244029
BC LL	0.0	PSF	HC-ENG	JB/AF	
TOT.LD.	40.0	PSF	SEQN-	27300	
DUR.FAC.	1.25				
SPACING	24.0"				



WARNING RUSSSES REQUIRE EXTREME CARE IN FABRICATION, REFER TO BCST 1-003 (BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE RUSS PLANT INSTITUTE, 1833 N. W. 9TH AVE., SUITE 200, MADISON, WI 53719) AND VICA (WOOD TRUSS COUNCIL, 1000 W. MONROE, SUITE 100, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO MEETING. UNLESS OTHERWISE NOTED, ALL TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED TOP CHORD SEALING.

* IMPORTANT - SUBMIT A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.
PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN.

TRUSSES IN CONFORMANCE WITH TP1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING TRUSSES.
CONFORMANCE WITH APPLICABLE PROVISIONS OF BIDS (NATIONAL DESIGN SPEC., BY AREA) AND TYPE ALPINE
CHARACTERISTICS. ALL TRUSS PLATES MUST BE IDENTIFIED AS SUCH ON EACH END FACE OF THE TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF TP1-2002 SEC.3.. A SEAL ON THIS
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT
OF BUILDING DESIGNER'S USE OF THIS DOCUMENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE
BUILDING DESIGNER AND ASSOCIATE



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

110 mph wind, 13.25 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

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



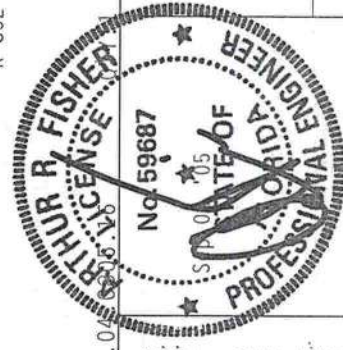
R-852 U=180 H=Simpson LUS26
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So.Pine

Design Crit: TPI-1995 (STD) / FBC

F11-131-1-1B1-

Scale = .3125"/Ft.

TC LL	20.0	PSF	REF	R487--	16239
TC DL	10.0	PSF	DATE	09/01/05	
BC DL	10.0	PSF	DRW	HCUSR487	05244030
BC LL	0.0	PSF	HC-ENG	JB/JAF	
TOT.LD.	40.0	PSF	SEQN-	27283	
DUR.FAC.	1.25				
SPACING	24.0"				



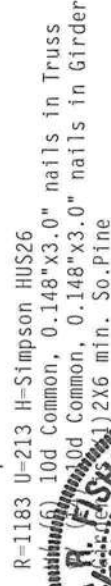
* IMPORTANT - FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERING PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING THE TRUSSES IN CONFORMANCE WITH THE PROVISIONS OF AISC (HORIZONTAL SHEAR, BY AISC) AND TPI. ALPINE ENGINEERING PRODUCTS, INC. MAKES NO WARRANTY AS TO THE ACCURACY OF THE INFORMATION CONTAINED HEREIN. CORRECTING PLACES WHERE THE MATH DOES NOT WORK OUT IS THE USER'S RESPONSIBILITY. THE USER MUST CHECK ALL PLATES TO EACH JOINT OF TRUSS AND, UNLESS OTHERWISE SPECIFIED ON THIS DESIGN, POSITION PIER DRAPINGS 100-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANXED AS OF TPI-2609 SEC.3. A SEAL ON 100-2 DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT OF THIS PROJECT. THE USER ASSUMES FULL RESPONSIBILITY FOR THE DESIGN OF THE TRUSS COMPONENT OF THE BUILDING DESIGNER, PER ANXED SEC.3. THE USER ASSUMES FULL RESPONSIBILITY FOR THE DESIGN OF THE BUILDING DESIGNER, PER ANXED SEC.3.

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

110 mph wind, 10.10 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

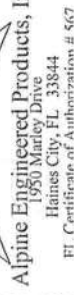
Right end vertical not exposed to wind pressure.

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



PLT TYP. Wave TPI

*WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THESE TRUSSES CONTAIN A HAZARDOUS COMPONENT (SAFETY INFORMATION). PUBLISHED BY TPI (TRUSS PRACTICES INFORMATION), 593 S. HIGHWAY 10, SUITE 100, WILSONVILLE, OR 97150. TPI TRUSSES ARE DESIGNED TO BE USED IN ACCORDANCE WITH THE TPI TRUSS DESIGN HANDBOOK, 1993 EDITION, P. 537. FOR SAFETY PRACTICES PRIOR TO ERECTING TRUSSES, PLEASE VISIT THE TPI WEBSITE AT WWW.TPI-TRUSSES.COM. IF THE TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED 1x10s CEILING.

[illegible]

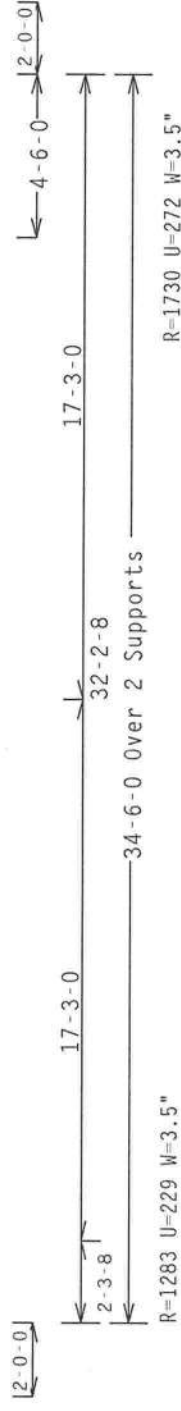
1	FL / - 3 / - / - R / -	Scale = .1875" / Ft.	
	TC LL	20.0 PSF	REF R487 - - 16240
	TC DL	10.0 PSF	DATE 09/01/05
	BC DL	10.0 PSF	DRW HCURS487 05244031
	BC LL	0.0 PSF	HC-ENG JB/AF
	TOT.LD.	40.0 PSF	SEQN - 27273
	DUR.FAC.	1.25	
	SPACING	24.0"	JREF - 1503487 703

Right end vertical not exposed to wind pressure.

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



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


$$\text{Scale} = 1875''/\text{ft}$$

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

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

Flames City, FL 33844

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

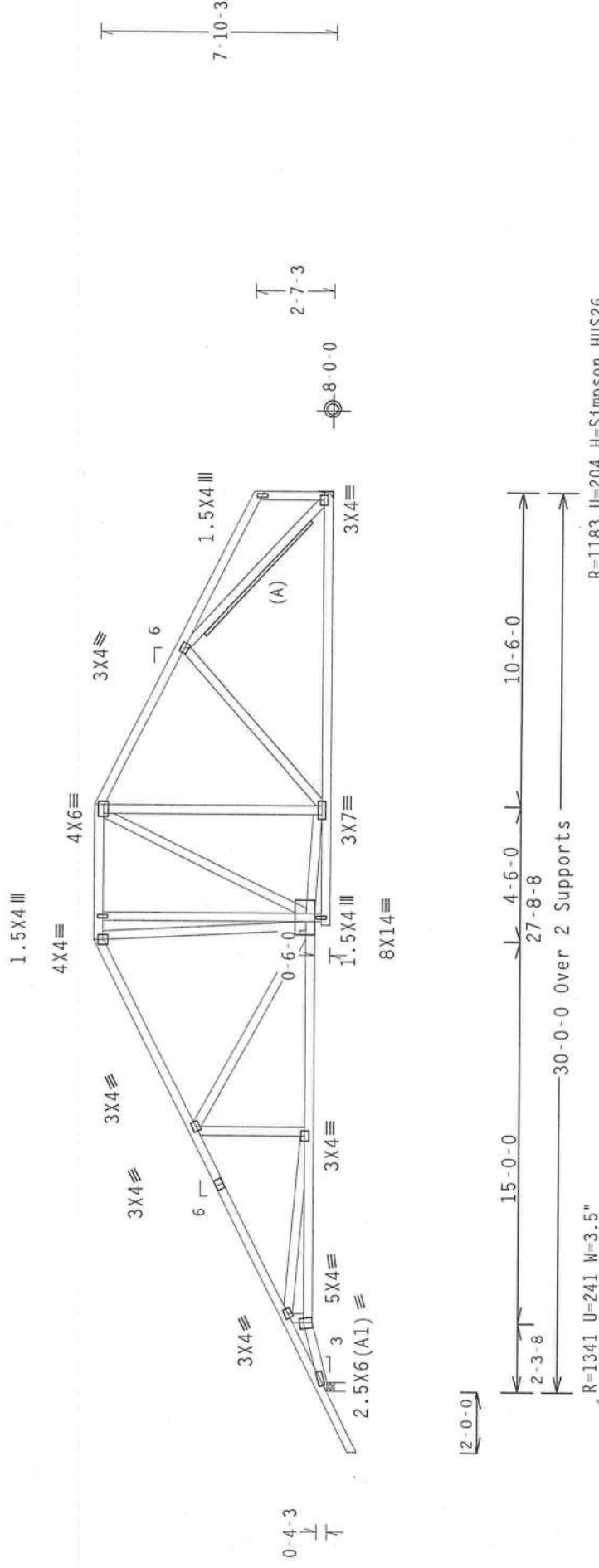
110 mph wind, 11.60 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

Right end vertical not exposed to wind pressure.

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

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



R=1183 U=204 H=Simpson HUS26

10d Common, 0.148"x3.0" nails in Truss
10d Common, 0.148"x3.0" nails in Girder

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7

Scale = .1875" / Ft.

WARNING JESSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO ACS1-103 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE TRUSS PLATE INSTITUTE, 5801 W. HOPKINS DR., SUITE 200, MADISON, WI 53719, AND AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION), INC., 500 N. MICHIGAN, SUITE 1000, CHICAGO, IL 60611, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED CEILING.

* A IMPORTANT *** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDING, SHIPPING, INSTALLING & BRACING TRUSSES IN CONFORMANCE WITH THIS NATIONAL DESIGN SPEC. BY AFAPA) AND ALPINE CONNECTIONS WITH APPLICABLE PROVISIONS OF THIS NATIONAL DESIGN SPEC. ALL PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS POSITIONING DRAWINGS SHALL BE INSPECTION OF PLATES FOLLOWED BY (3) SHALL BE PER AFPA 43 OF TPI-2009 SEC.3. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLVLY FOR THE TRUSS COMPONENT BUILDING DESIGNER USE OF THIS COMMENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSII/TPI-1 SEC.



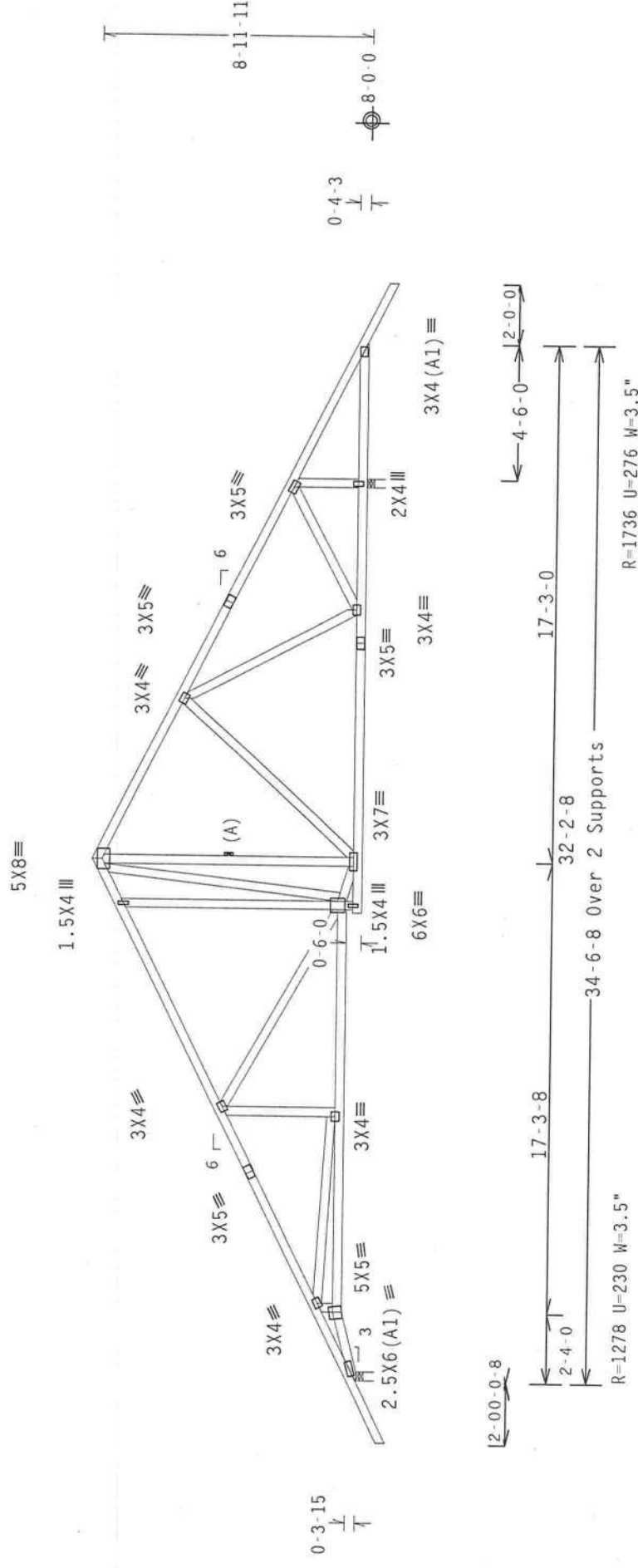
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TC DL	10.0	PSF	DATE	09/01/05	
BC DL	10.0	PSF	DRW	HCUSR487	05244033
BC LL	0.0	PSF	HC-ENG	JB/AF	
TOT.LD.	40.0	PSF	SEQN-	27288	
DUR.FAC.	1.25				
SPACING	24.0"				

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

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

(A) Continuous lateral bracing equally spaced on member.

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



PLT TYP. Wave TPI

Design Crit: TPI-1995 (STD) / FBC

7

CONFIDENTIAL

Scale = .1875"/Ft.

REFER TO DC31 1-03 OUTLIVING COMPONENT SAFETY INFORMATION, PUBLISHED BY TP1 (TRUSS PAIL INSTITUTE, 6983 D'UNOPELO DR., SUITE 200, MADISON, WI 53719) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE IN MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

REF R487 -- 16245

DATE 09/01/05

DRW HCUSR487 05244009

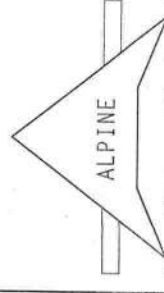
HC-ENG JB/AF *

SEON-	27285
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0
9
4

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JREF - 1503487 703



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

James City, FL 33844
FL Certificate of Authorization # 567

110 mph wind, 10.72 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.



Design Crit: TPI-1995 (STD) / FBC

Scale = .25"/Ft.

TC LL	20.0 PSF	REF R487-- 16246
TC DL	10.0 PSF	DATE 09/01/05
BC DL	10.0 PSF	DRW HCUSR487 05244010
BC LL	0.0 PSF	HC-ENG JB/AF *
TOT.LD.	40.0 PSF	SEQN- 27260
DUR.FAC.	1.25	
SPACING	24.0"	IRREF- 1503487703



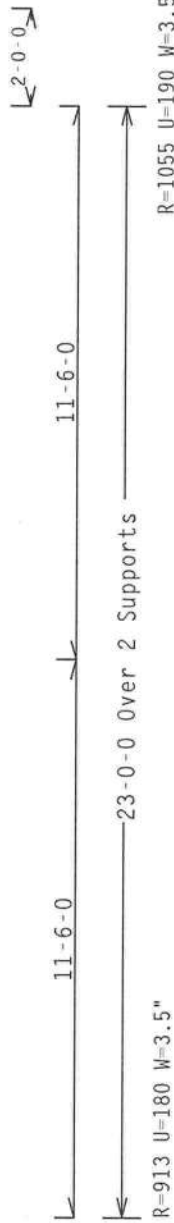
WARNING THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DESIGN INFORMATION SHEET FOR PROPER SAFETY INFORMATION. PUBLISHED BY TPI (TRUSS PLATE, 5083 0' GOMPHRO DR., SUITE 400, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO FABRICATING THUSSES. THESE FUNCTIONS, UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

*** IMPORTANT ***
I, SHARON L. HARRIS, DESIGNER RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, OF ALPINE ENGINEERED PRODUCTS, INC., SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE DESIGN IN CONFORMANCE WITH THIS DESIGN, INCLUDING, SHIPPING, INSTALLING & BRACING OF TRUSSES, SHALL BE THE RESPONSIBILITY OF THE USER. THE USER SHALL BE RESPONSIBLE FOR THE PROPER DESIGN, DESIGN CONNECTOR PLATES ARE MADE OF 2010/106A (M/S) 6061 ALUMINUM, (BY ARPA) AND 1017. ALUMINUM PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING. 1016-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ARPA 4 OF 1971-2002 SEC. 3. 1016-3. ANY PREPARING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF THE SHED. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ARPA 1/11 SEC. 2.

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

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

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



Design Crit: TPI-1995 (STD) / FRC

Scale = .25"/Ft.

Haines City, FL 33844
FL Certificate of Authorization # 567

TC LL	20.0	PSF	REF R487-- 16247
TC DL	10.0	PSF	DATE 09/01/05
BC DL	10.0	PSF	DRW HCUSR487 05244011
BC LL	0.0	PSF	HC-ENG JB/AF *
TOT.LD.	40.0	PSF	SEQN- 27263
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1503487 703

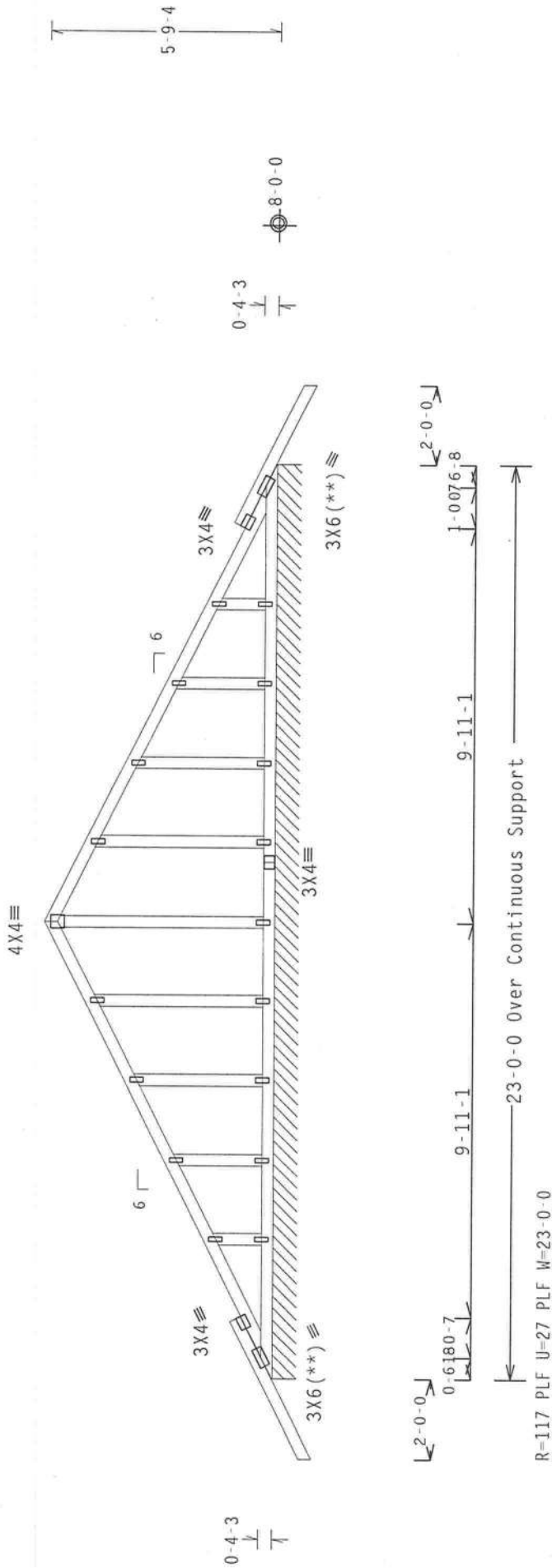
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 10.56 ft mean htg, ASCE 7-98, CLOSED bldg, Located
anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0
psf.

See DWGS A11015EC1103 & GBLLETIN0405 for more requirements.
Deflection meets L/360 live and L/240 total load.

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

(**) Plate relocated as shown.



Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04

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

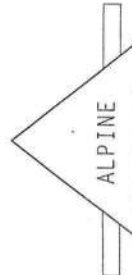
Scale = .25" / Ft.

TC LL	20.0 PSF	REF	R487--	16248
TC DL	10.0 PSF	DATE	09/01/05	
BC DL	10.0 PSF	DRW	HCUSR487	05244034
BC LL	0.0 PSF	HC-ENG	JB/AF	
TOT.LD.	40.0 PSF	SEQN	27319	
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 PLAT 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. DESIGNER'S RESPONSIBILITY IS TO PROVIDE ALL NECESSARY INFORMATION TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGNER'S RESPONSIBILITY IS TO PROVIDE ALL NECESSARY INFORMATION TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGNER'S RESPONSIBILITY IS TO PROVIDE ALL NECESSARY INFORMATION TO THE INSTALLATION CONTRACTOR.



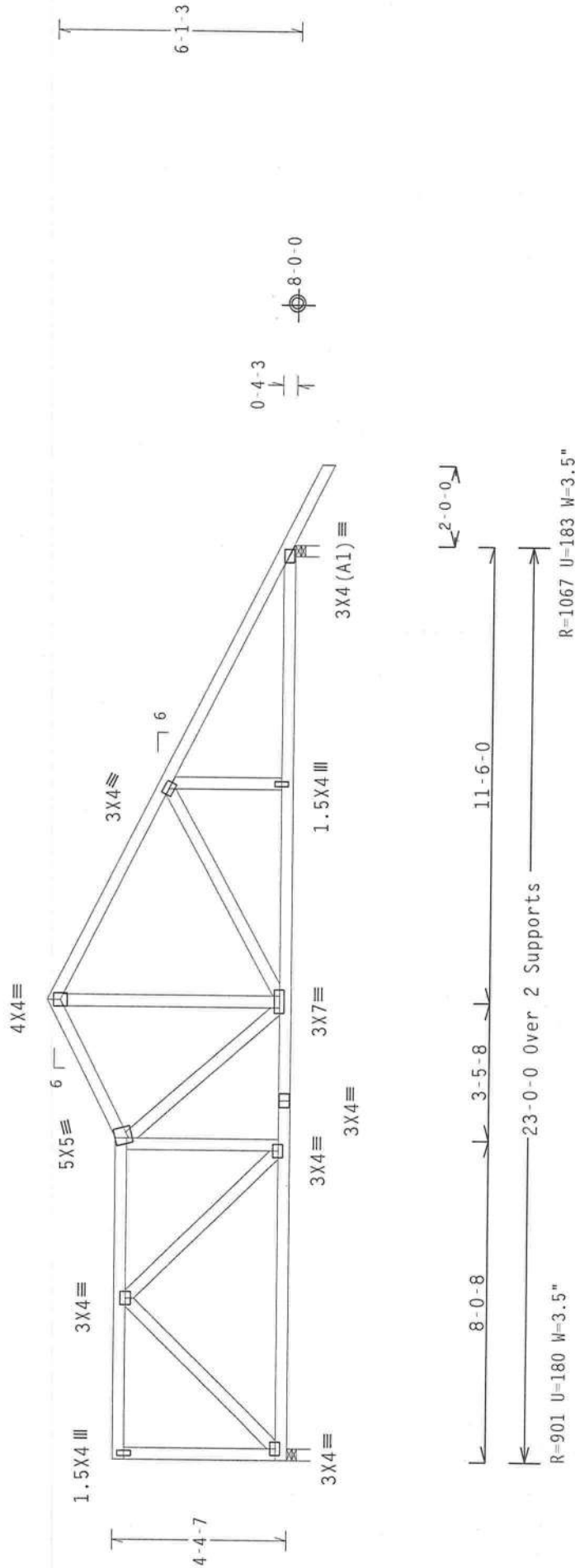
Alpine Engineered Products, Inc.
1936 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

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

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

Left end vertical not exposed to wind pressure.

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



PLT TYP. Wave TPI

Design Crit: TPI-1995 (STD)/FBC

7.0

FL/-3/-/-R/-

Scale = .25"/Ft.

TC LL	20.0 PSF	REF	R487--	16249
TC DL	10.0 PSF	DATE	09/01/05	
BC DL	10.0 PSF	DRW	HCUSR487	05244012
BC LL	0.0 PSF	HC-ENG	JB/AF	*
TOT.LD.	40.0 PSF	SEQN-	27302	
DUR.FAC.	1.25			
SPACING	24 0"			



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSE 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 1003 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6200 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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

ALPINE

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

FL Certificate of Authorization # 567

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

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



FL Certificate of Authorization #567

7

[illegible]

FL / - 3 / - 1 - R / - Scale = .25" / Ft.

TC LL	20.0 PSF	REF	R487--	16250
TC DL	10.0 PSF	DATE	09/01/05	
BC DL	10.0 PSF	DRW	HCUSR487	05244013
BC LL	0.0 PSF	HC-ENG	JB/AF	*
TOT.LD.	40.0 PSF	SEQN-	27303	
DUR.FAC.	1.25			
SPACING	24.0"			

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

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



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

REF R487 -- 16251

DRW HCUSR487 05244014

SEON- 27301

1000

1BFF - 1C02A07 703



ALPINE

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

James City, FL 33844
FL Certificate of Authorization # 567

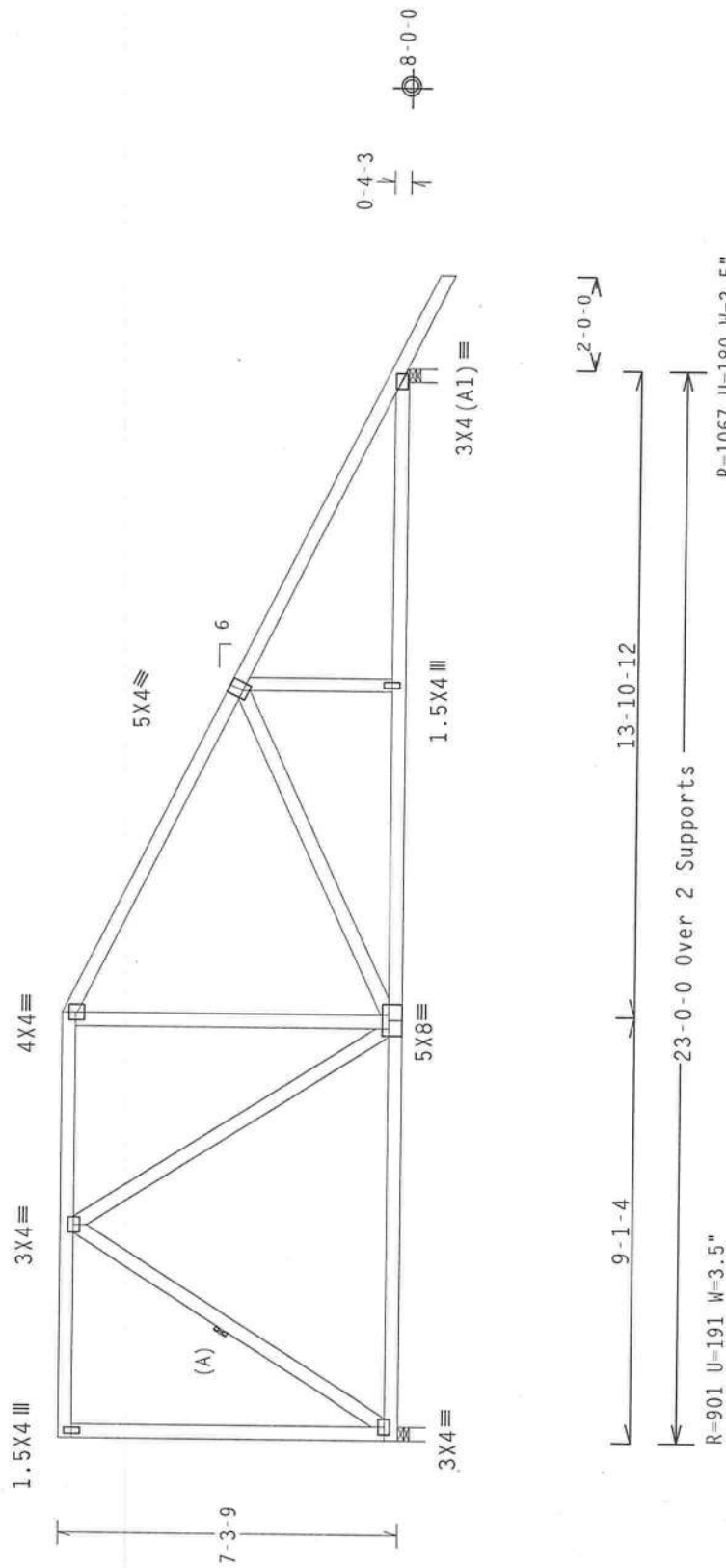
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Left end vertical not exposed to wind pressure.

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

110 mph wind, 11.32 ft mean hgt, ASCE 7-98, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind
BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.



PLT TYP. Wave TPI

Design Crit: TPI-1995 (STD)/FBC

7.0

1 FL/-3/-/R/-

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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. PROJECTS FOR WHICH THE DESIGNER SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. TRUSSES, INCLUDING FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE 2018/2019 INTERNATIONAL BUILDING CODE (IBC) AND THE 2018/2019 INTERNATIONAL RESIDENTIAL CODE (IRC). ALPINE CONNECTOR PLATES ARE MADE OF 2018/2019 A36 STEEL (OR A36/50) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, APPLY ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC. 3.1.1. DESIGN INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT BUILDING SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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



TC LL	20.0 PSF	REF	R487--	16252
TC DL	10.0 PSF	DATE	09/01/05	
BC DL	10.0 PSF	DRW	HCUSR487	05244015
BC LL	0.0 PSF	HC-ENG	JB/AF	*
TOT.LD.	40.0 PSF	SEQN-	27266	
DUR.FAC.	1.25			
SPACING	24 0"			

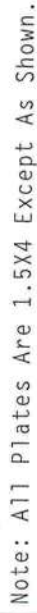
Scale = .25" / Ft.

1000 - 1000000 700

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

SPECIAL LOADS		DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25	
TC - From	82 PLF at -2.00 to	82 PLF at 18.00 to	
BC - From	4 PLF at -2.00 to	4 PLF at 0.00 to	
BC - From	20 PLF at 0.00 to	20 PLF at 16.00 to	
BC - From	4 PLF at 16.00 to	4 PLF at 18.00 to	

See DWGS A11015EC1103 & GBLLETIN0405 for more requirements.
Deflection meets L/360 live and L/240 total load.



Design Crit: TPI-1995(STD)/FBC

Design Crit: TPI-1995(STD)/FBC

WARNING THUSSES REQUIRE EXTENSIVE CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RC51 1.03 (BUILDING COMPONENT SAFETY) FOR ADDITIONAL INFORMATION. PUBLISHED BY TPI (TRUSS PACE INSTITUTE, 583 D'ORFORD DR., SUITE 200, MADISON, WI 53719) AND 4000 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 BRIDCE CEILING.

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

****IMPORTANT****-FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. THE DESIGNER SHALL BE RESPONSIBLE FOR THE FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSS JOINTS CONCERNING WITH ALL PROVISIONS OF ROADS NATIONAL DESIGN SPEC. BY AFAPA AND TPI-1. CONNECTOR PLATES ARE MADE OF 2014-T6 ALUMINUM GRADE 40760 @ .87M/S GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE SPECIFIED, POSITION PER DRAWINGS 160A-2. IF AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMEAS AS REQUIRED BY LOCAL BUILDING CODES. DRAMMING 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.



1	FL/-/3/-/-R/-	Scale = .375"/Ft..
TC LL	20.0 PSF	REF R487-- 16253
TC DL	10.0 PSF	DATE 09/01/05
BC DL	10.0 PSF	DRW HCUR487 05244035
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	40.0 PSF	SEQN- 27313
DUR.FAC.	1.25	
SPACING	24 "0"	10EE- 150248 702

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

SPECIAL LOADS

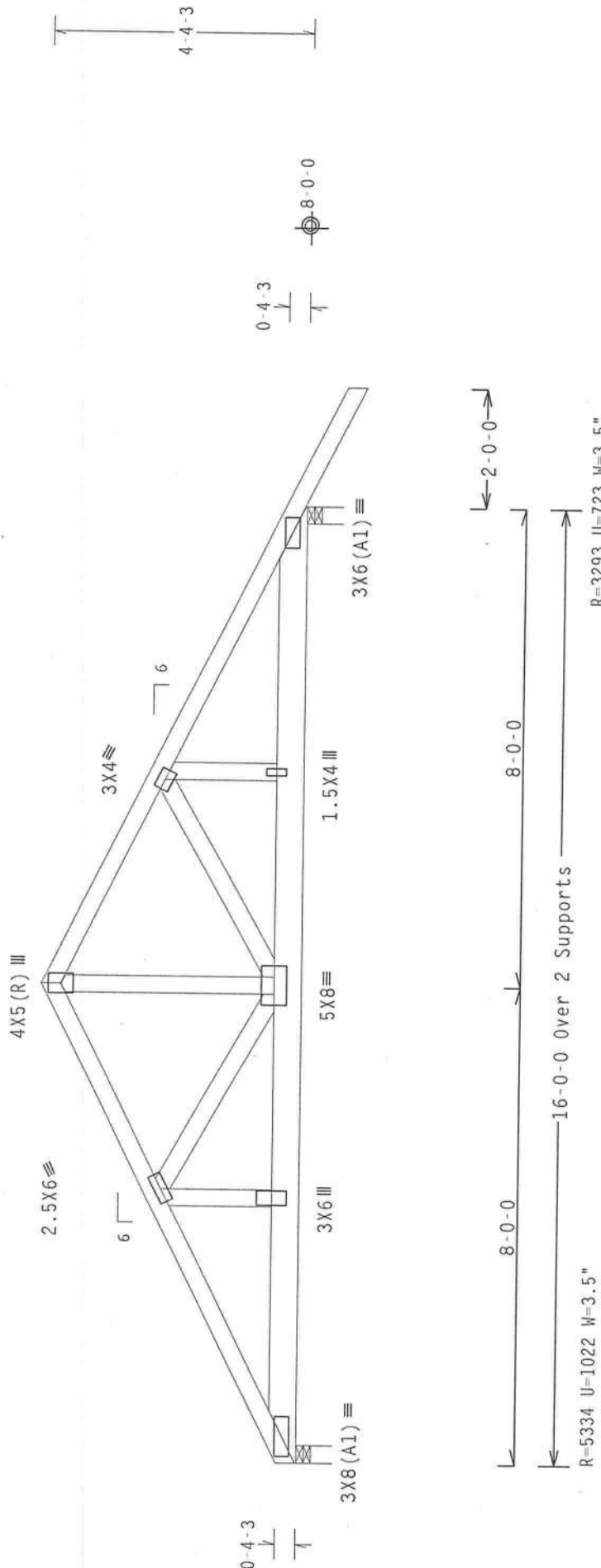
----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 60 PLF at 0.00 to 60 PLF at 18.00
BC - From 20 PLF at 0.00 to 20 PLF at 16.00
BC - From 4 PLF at 16.00 to 4 PLF at 18.00
BC - 1182 LB Conc. Load at 0.94, 2.94, 4.94, 6.94
BC - 2489 LB Conc. Load at 8.94

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

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d Box or Gun (0.128"x3.25", min.) nails)
Top Chord: 1 Row @ 12.00" O.C.
Bot Chord: 1 Row @ 3.25" O.C.
Webs: 1 Row @ 4" O.C.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

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



PLT TYP. Wave TPI

Design Crit: TPI-1995 (STD)/FBC

7.0

ARTHUR R. FISHER

FL / - / 3 / - / R / -

Scale = .375" / Ft.

ALPINE

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

FL Certificate of Authorization # 567

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSP 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 543 D'ORFORD DR., SUITE 200, MADISON, WI 53719) AND MTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. PRODUCTS AND MATERIALS SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH APPLICABLE PROVISIONS OF THE NATIONAL DESIGN SPEC, BY AREA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/160A (A-105/45) ASTM A36 STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, PERFORM PER DRAWINGS. ADOPT ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC. 2.3. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. PER ANSI/TPI 1 SEC. 2.

ARTHUR R. FISHER

No. 59687

PROFESSIONAL ENGINEER

FL 05

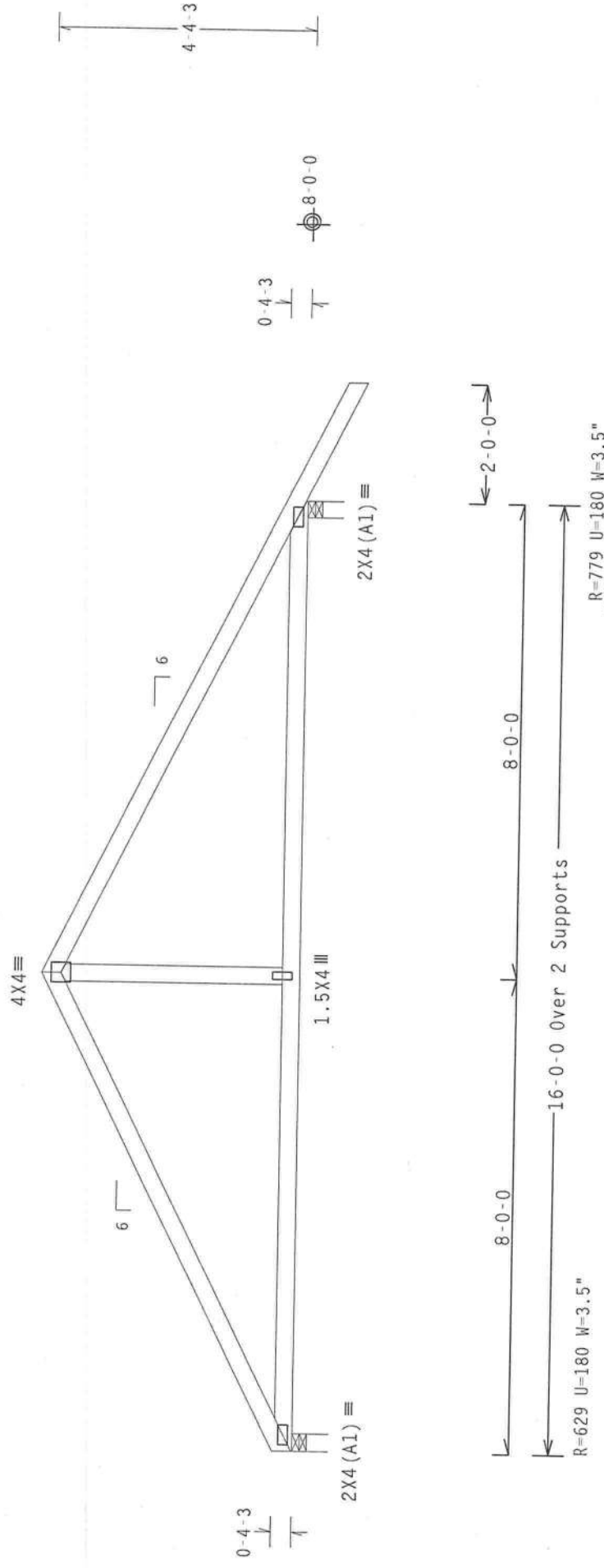
TC LL	20.0 PSF
TC DL	10.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	40.0 PSF
DUR.FAC.	1.25
SPACING	24 0"

REF	R487--	16254
DATE	09/01/05	
DRW	HCUR487	05244036
HC-ENG	JB/AF	
SEQN-	27264	
DATE	10/04/07	700

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

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

110 mph wind, 9.85 ft mean hgt., ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.



PLT TYP. Wave TPI

Design Crit: TPI-1995 (STD)/FBC

7.005:18
AVANCE
3

30-15

AK- E0607

10968-01

★

05/01/2015

54

ACID

11

OPINION



Scale = .375"/Ft.

REF R487-- 16255

DATE 09/01/05

DRM H011SP487 0524401

UIC - ENC 10 / AF
UICW 11003K48 / 0324401

HC-ENG JB/AF

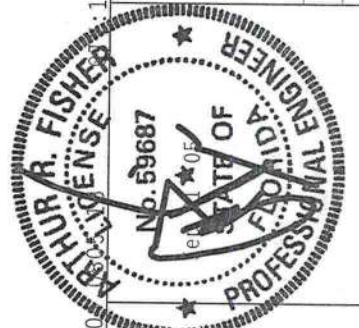
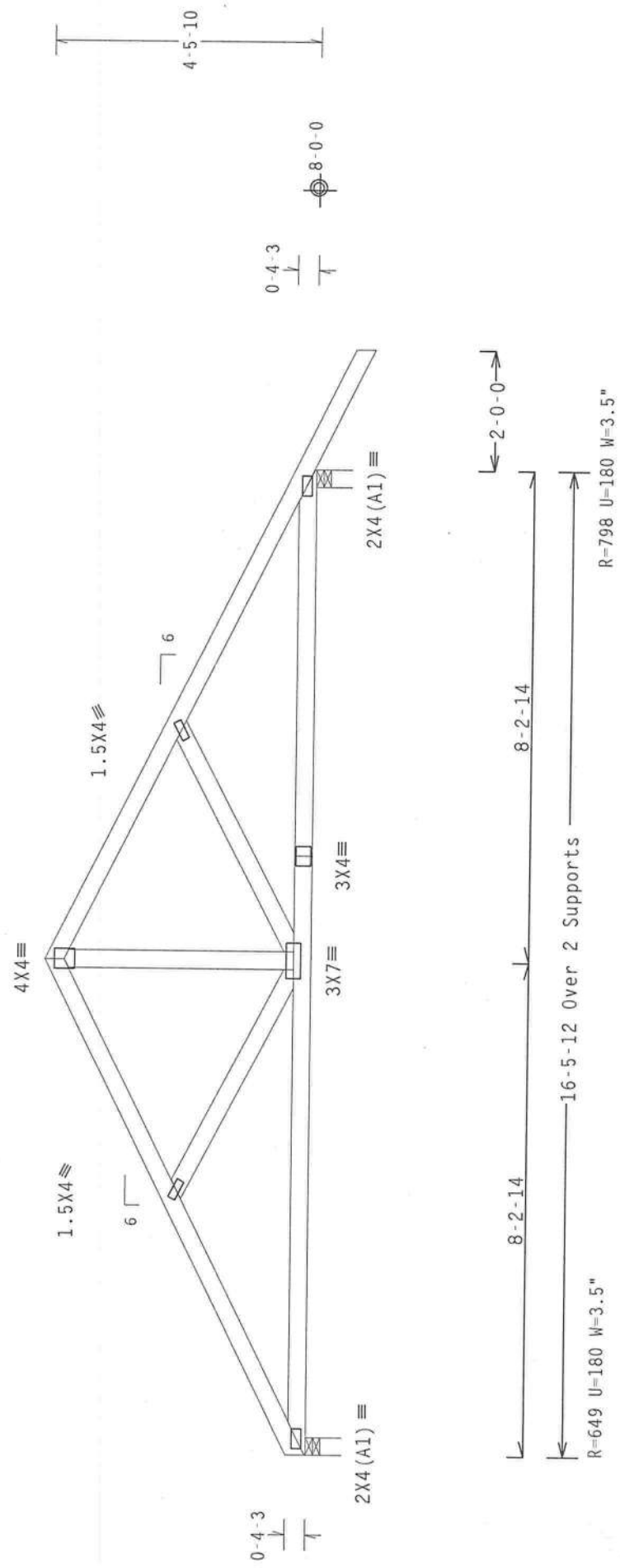
SEQN- 27261

TABLE

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

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

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



PLT TYP. Wave TPI	Design Crit: TPI-1995 (STD)/FBC	7.0	FL/-13/-1/-R/-	Scale = .375"/Ft.
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSS 1-03 (BUILDING COMPONENT SAFETY AND SECURITY) OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH TPI: 1-03 (BUILDING COMPONENT SAFETY AND SECURITY) OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. MADISON, WI 53719. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.				REF R487 -- 16256
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: 1-03 (BUILDING COMPONENT SAFETY AND SECURITY) OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH TPI: 1-03 (BUILDING COMPONENT SAFETY AND SECURITY) OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. MADISON, WI 53719. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.				DATE 09/01/05
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: 1-03 (BUILDING COMPONENT SAFETY AND SECURITY) OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH TPI: 1-03 (BUILDING COMPONENT SAFETY AND SECURITY) OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. MADISON, WI 53719. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.				DRW HCUSR487 05244017
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: 1-03 (BUILDING COMPONENT SAFETY AND SECURITY) OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH TPI: 1-03 (BUILDING COMPONENT SAFETY AND SECURITY) OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. MADISON, WI 53719. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.				HC-ENG JB/AF *
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: 1-03 (BUILDING COMPONENT SAFETY AND SECURITY) OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH TPI: 1-03 (BUILDING COMPONENT SAFETY AND SECURITY) OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. MADISON, WI 53719. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.				SEQN- 27270
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: 1-03 (BUILDING COMPONENT SAFETY AND SECURITY) OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH TPI: 1-03 (BUILDING COMPONENT SAFETY AND SECURITY) OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. MADISON, WI 53719. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.				DUR.FAC. 1.25
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: 1-03 (BUILDING COMPONENT SAFETY AND SECURITY) OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH TPI: 1-03 (BUILDING COMPONENT SAFETY AND SECURITY) OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. MADISON, WI 53719. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.				SPACING 24.0"
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: 1-03 (BUILDING COMPONENT SAFETY AND SECURITY) OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH TPI: 1-03 (BUILDING COMPONENT SAFETY AND SECURITY) OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. MADISON, WI 53719. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.				JREF- 1SQ3487 Z03

ALPINE

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

FL Certificate of Authorization # 567

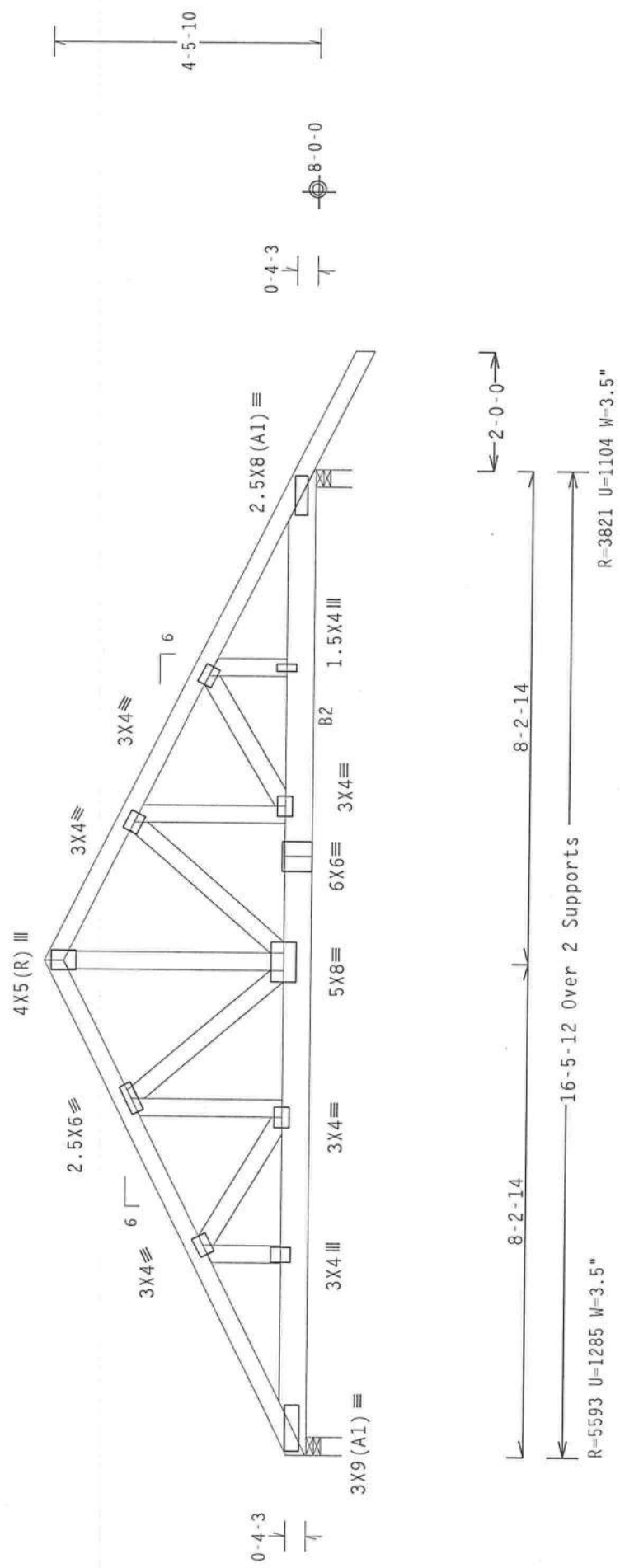
Top chord	2x4	SP #2	Dense
Bot chord	2x6	SP #1	Dense
Webs		2x4	SP #3
:B2 2x6 SP #2:			

2 COMPLETE TRUSSES REQUIRED

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

BC -	1232 LB	Conc.	Load at	1.42,	3.42,	5.42,	7.42
BC -	3038 LB	Conc.	Load at	9.42			

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

PLT TYP. Wave TPIDesign Crit: $TPI-1995(STD)/FBC$

Scale = .375"/Ft.

TC LL	20.0	PSF	REF	R487--	16257
TC DL	10.0	PSF	DATE	09/01/05	
BC DL	10.0	PSF	DRW	HCUSR487	05244037
BC LL	0.0	PSF	HC-ENG	JB/AF	
TOT.LD.	40.0	PSF	SEQN-	27278	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	1S03487	703



ALPINE

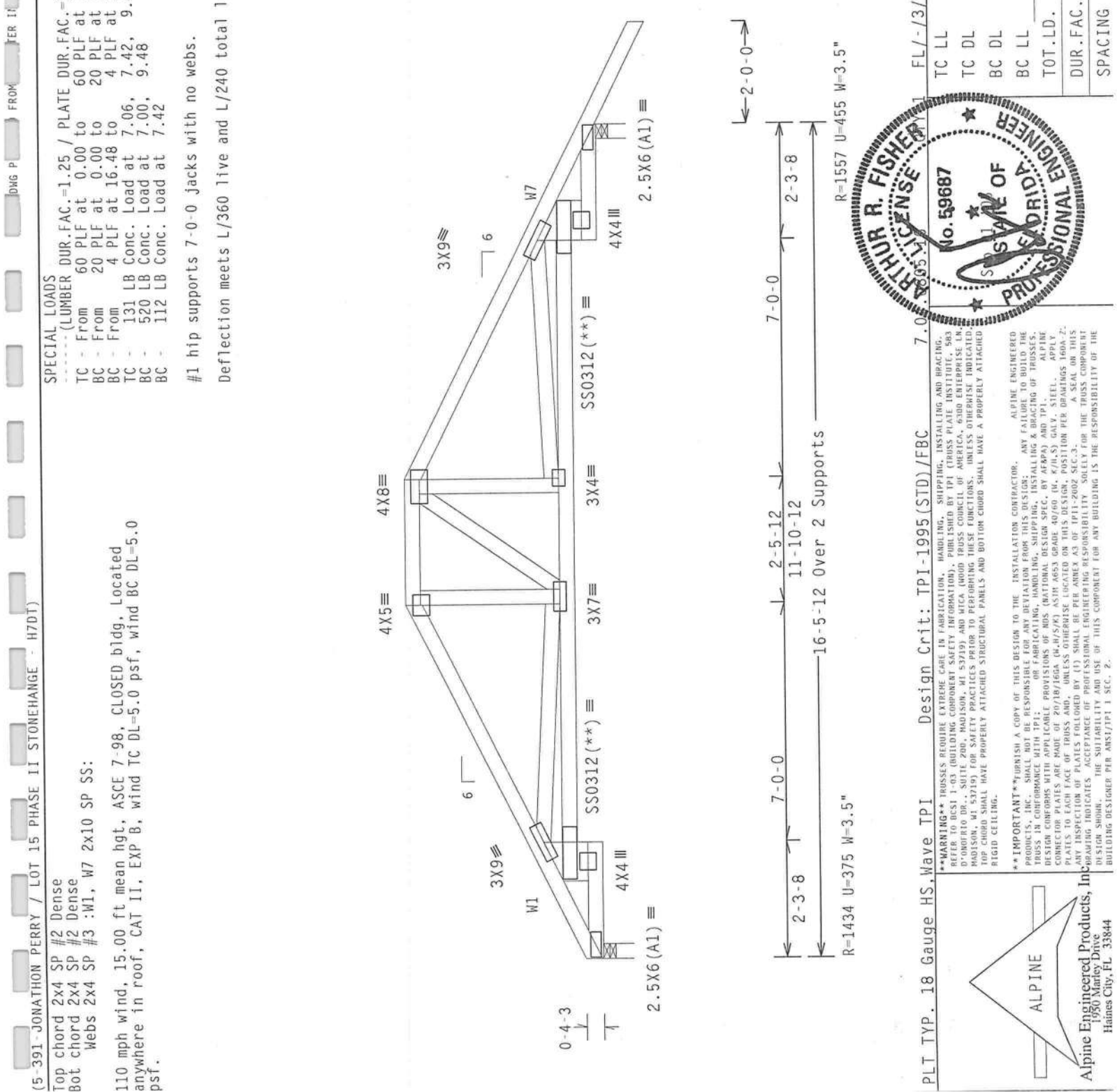
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844

FL Certificate of Authorization # 567

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W1, W7 2x10 SP SS:
110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg. Located
anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0
psf.

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

#1 hip supports 7'-0"-0 jacks with no webs.
Deflection meets L/360 live and L/240 total load.



PLT TYP. 18 Gauge HS, Wave TPI Design Crit: TPI-1995(STD)/FBC 7.0

Scale = .375" / Ft.

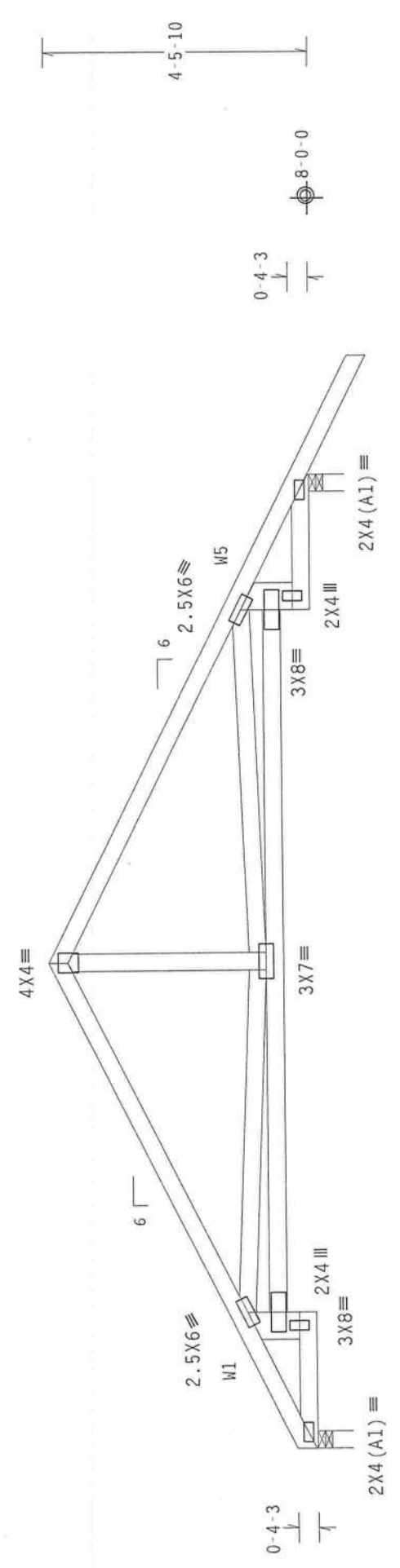
REF R487 -- 16258
DATE 09/01/05
DRW HCUSR487 05244038
HC-ENG JB/AF
SEQN- 27325
DUR. FAC. 1.25
SPACING 24.0"

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

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

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 : W1, W5 2x6 SP #2:
Deflection meets L/360 live and L/240 total load.

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



2-3-8 8-2-14 11-10-12 16-5-12 Over 2 Supports 8-2-14 2-3-8
R=649 U=180 W=3.5"
R=798 U=180 W=3.5"



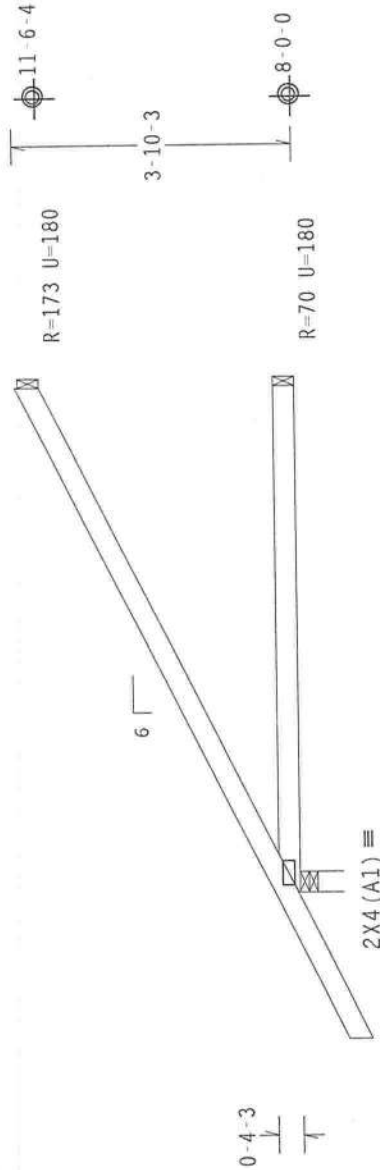
PLT TYP. Wave TPI	Design Crit: TPI-1995(STD)/FBC	7.0	FL/-3/-/-R/-	Scale = .375"/Ft.
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES (BUILDING COMPONENT MANUFACTURING ASSOCIATION, TPI TRUSS PLATE INSTITUTE, SPS DOWNSIDE BRACING FOR TRUSSES, TPI TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, WILSONVILLE, OR 97150) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, WILSONVILLE, OR 97150) 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
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 TPI1: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISI (NATIONAL DESIGN SPEC. BY AISI) AND TPI1. ALPINE CONNECTOR PLATES ARE MADE OF 70/18/16GA (IN-OUTS/PS) ASH 6053 GRADE 40/60 (W. 8/14-3) GALV. STEEL. ALPINE PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS AND TPI1. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED BY A PROFESSIONAL ENGINEER OR A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEER. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGN SHOWN. BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.				TC DL 10.0 PSF
				BC DL 10.0 PSF
				BC LL 0.0 PSF
				TOT.LD. 40.0 PSF
				DUR.FAC. 1.25
				SPACING 24.0"
				JREF- 15Q3487_Z03

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

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

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

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



←-2-0-0-→

←-7-0-0 Over 3 Supports →
R=445 U=180 W=3.5"

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.0

FL/-3/-/-R/-

Scale = .375"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATFORM ENTERPRISE, INC., 10000 WISCONSIN AVE., SUITE 200, MADISON, WI 53719) AND MTCA (WOOD TRUSS COUNCIL OF AMERICA, 10000 WISCONSIN AVE., SUITE 200, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. TRUSSES IN CONFORMANCE WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC., BY AISC) AND TPI. ALPINE CORRELATOR PLATES ARE MADE OF 2018/166A (H-H/S/K) ASIN A653 GRADE 40/60 (H, K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160X-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. SUELY FOR THE TRUSS COMPANY. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



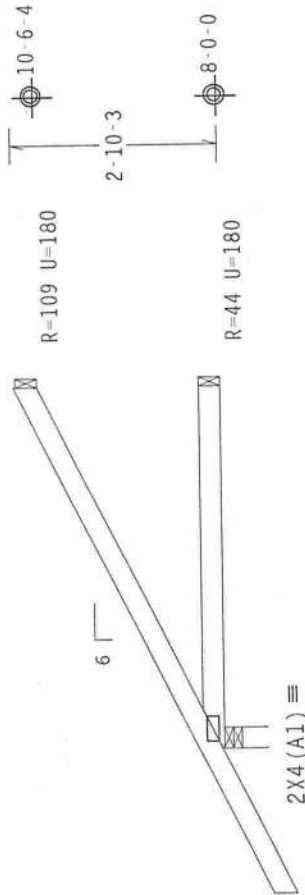
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DATE	09/01/05	
DRW	HCUSR487 05244039	
HC-ENG	JB/AF	
SEQN	27297	
TOT.LD.	40.0 PSF	
DUR.FAC.	1.25	
SPACING	24.0"	
JREF	1SQ3487_Z03	

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

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

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

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



←-2-0-0→

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

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.0

Scale = .375"/Ft.

TC LL	20.0 PSF	REF	R487--	16261
TC DL	10.0 PSF	DATE	09/01/05	
BC DL	10.0 PSF	DRW	HCUSR487	05244040
BC LL	0.0 PSF	HC-ENG	JB/AF	
TOT.LD.	40.0 PSF	SEQN	27295	
DUR.FAC.	1.25			
SPACING	24.0"	JREF	1SQ3487_Z03	



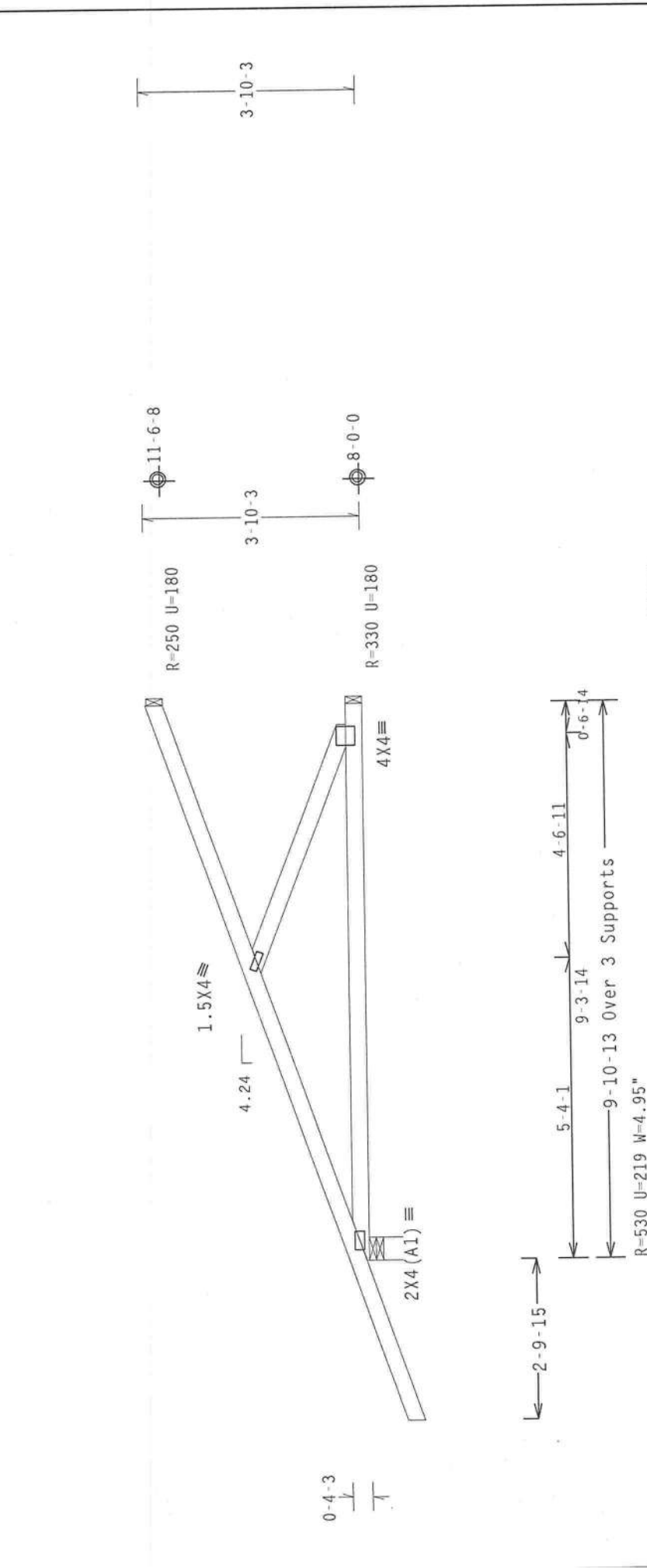
ALPINE ENGINEERED PRODUCTS, INC.
1950 Marley Drive
Haines City, FL 33844

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

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

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

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



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

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

Scale = .375"/Ft.

TC LL	20.0 PSF	FL/-13/-1-R/-	REF	R487--	16262
TC DL	10.0 PSF		DATE	08/31/05	
BC DL	10.0 PSF		DRW	HCUSR487	05243045
BC LL	0.0 PSF		HC-ENG	DF/AF	
TOT.LD.	40.0 PSF		SEQN	4941	
DUR.FAC.	1.25				
SPACING	24.0"		JREF	1SQ3487_Z03	

(5-391-JONATHON PERRY / LOT 15 PHASE II STONEHANGE - C33)
 Top chord 2x4 SP #2 Dense
 Bot chord 2x4 SP #2 Dense
 Deflection meets L/360 live and L/240 total load.

110 mph wind, 8.60 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.
 Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
 Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.



Design Crit: TPI-1995(STD)/FBC
 Scale = .375"/Ft.
 REF R487-- 16263
 DATE 09/01/05
 DRW HCUSR487 05244018
 HC-ENG JB/AF
 SEQN- 27296
 DUR.FAC. 1.25
 SPACING 24.0"

PLT TYP. Wave TPI
 3-0-0 Over 3 Supports
 R=322 U=180 W=3.5"

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

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

ALPINE ENGINEERED PRODUCTS, INC. FURNISHES A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE PRODUCTS, CONFORMANCE WITH THIS DESIGN, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF THROSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/PA) AND TPI. ALPINE CORRELATOR PLATES ARE MAILED OF 2018/16GA (4-H/5/8) ASTM A653 GRADE 40/60 (4. K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF THROSES AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3 FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

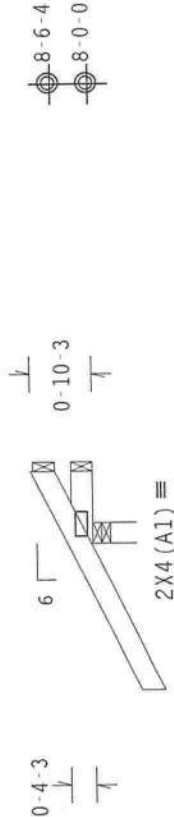
110 mph wind, 8.10 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere
in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

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

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

R=-191 U= *



R=-19 U=180



R=418 U=180 W=3.5"

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.0

Scale = .375"/Ft.

FL/-3/-/-R/-

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (POSS PLATE FABRICATORS ASSOCIATION), 1550 MARLEY DRIVE, SUITE 200, MADISON, WI 53719, AND WICA (WOOD TRUSS CONNECTIONS), 1550 MARLEY DRIVE, SUITE 200, MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING WORK. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS TO THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. APPLY THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC., BY AISC) AND TPI. ALPINE CORRECTOR PLATES ARE MADE OF 20/18/16GA (4-H/5/8) ASTM A653 GRADE 40/60 (4, 8/H-5) GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL OR SIGNATURE OF THE DESIGNER INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS CONTRACTOR'S 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.



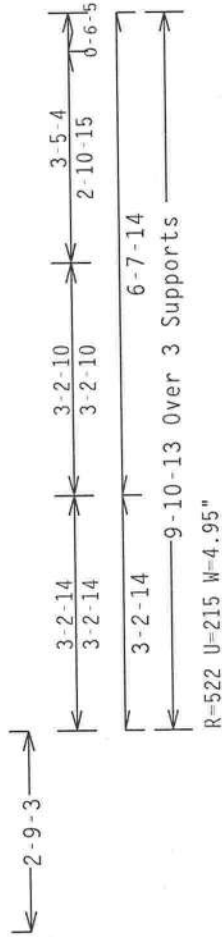
Alpine Engineered Products, Inc.
1550 Marley Drive
Haines City, FL 33844



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--	16264
DATE	09/01/05	
DRW	HCUSR487	05244041
HC-ENG	JB/AF	
SEQN	27272	
JREF	1S03487_Z03	

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



TC LL	20.0 PSF	REF	R487--	16265
TC DL	10.0 PSF	DATE	08/31/05	
BC DL	10.0 PSF	DRW	HCUSR487	05243043
BC LL	0.0 PSF	HC-ENG	DF/AF	
TOT.LD.	40.0 PSF	SEQN-	4902	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1S03487_Z03	

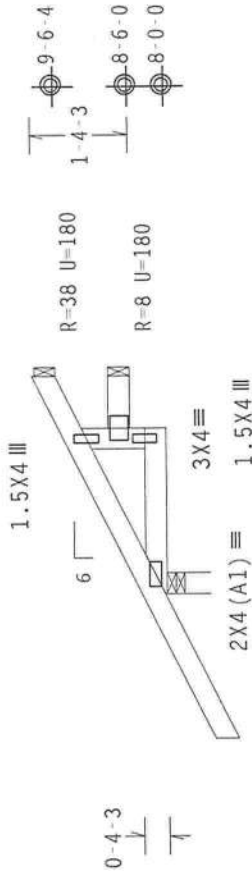
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844

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

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

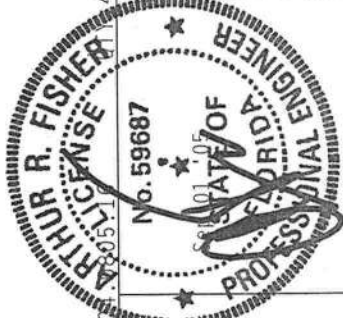
110 mph wind, 8.60 ft mean hgt, ASCE 7-98, CLOSED bldg, Located
anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0
psf.

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



2-2-0

2-3-8
3-0-0 Over 3 Supports
R=322 U=180 W=3.5"



PLT TYP. Wave TPI

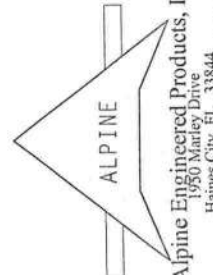
Design Crit: TPI-1995(STD)/FBC

Scale = .375" / Ft.

TC LL	20.0 PSF	REF	R487--	16266
TC DL	10.0 PSF	DATE	09/01/05	
BC DL	10.0 PSF	DRW	HCUSR487	05244019
BC LL	0.0 PSF	HC-ENG	JB/AF	*
TOT.LD.	40.0 PSF	SEQN-	27271	
DUR.FAC.	1.25			
SPACING	24.0"			
		JREF-	1SQ3487_Z03	

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO THE TPI TRUSS MANUFACTURING INSTRUCTIONS FOR DETAILED INFORMATION. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI TRUSS MANUFACTURING INSTRUCTIONS, OR ANY FAILURE TO FOLLOW THE TPI TRUSS MANUFACTURING INSTRUCTIONS, SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI TRUSS MANUFACTURING INSTRUCTIONS, OR ANY FAILURE TO FOLLOW THE TPI TRUSS MANUFACTURING INSTRUCTIONS, SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI TRUSS MANUFACTURING INSTRUCTIONS, OR ANY FAILURE TO FOLLOW THE TPI TRUSS MANUFACTURING INSTRUCTIONS, SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR.

****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 TRUSS MANUFACTURING INSTRUCTIONS, OR ANY FAILURE TO FOLLOW THE TPI TRUSS MANUFACTURING INSTRUCTIONS, SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI TRUSS MANUFACTURING INSTRUCTIONS, OR ANY FAILURE TO FOLLOW THE TPI TRUSS MANUFACTURING INSTRUCTIONS, SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR.

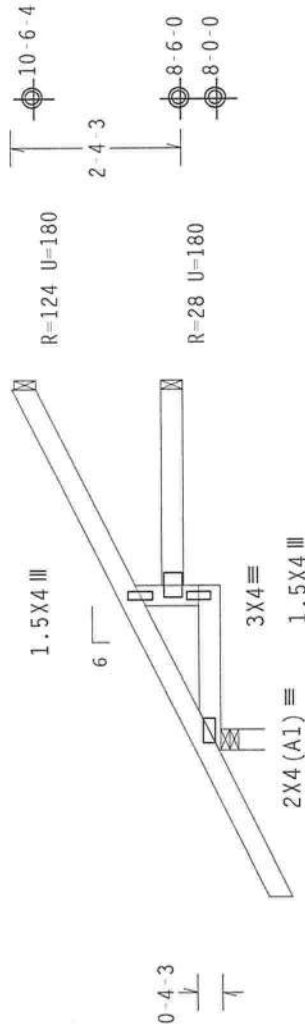


Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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

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

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



2'-0" 0

2'-3" 8 2'-8" 8
5'-0" 0 Over 3 Supports
R=376 U=180 W=3.5"



PLT TYP. Wave TPI	Design Crit: TPI-1995(STD)/FBC	7.0	Scale = .375" / Ft.
FL / - / 3 / - / - / R / -			REF R487 -- 16267
TC LL 20.0 PSF			DATE 09/01/05
TC DL 10.0 PSF			DRW HCUSR487 05244020
BC DL 10.0 PSF			HC-ENG JB/AF
BC LL 0.0 PSF			SEQN - 27280
TOT.LD. 40.0 PSF			
DUR.FAC. 1.25			
SPACING 24.0"			JREF- 1SQ3487_Z03

****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 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.

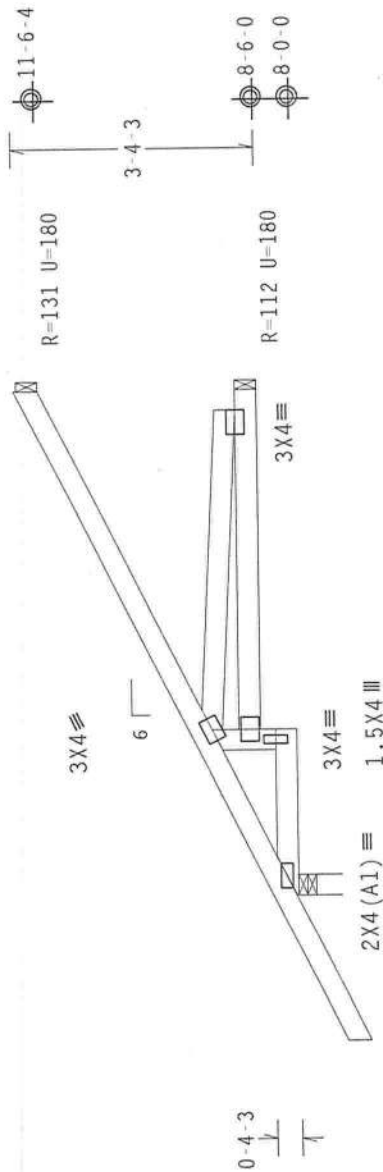
****IMPORTANT**** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE OF TRUSSES OR FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING SHALL BE THE RESPONSIBILITY OF THE TRUSS DESIGNER. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

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

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

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



700

2-3-8 4-8-8
7-0-0 Over 3 Supports
P=445 I=180 W=3.5"

PIT TYP. Wave TPI

Design Crit: TPI-1995 (STD) / FBC

7.04

Scale = .375"/Ft.

TC LL	20.0 PSF	REF	R487 - -	16268
TC DL	10.0 PSF	DATE	09/01/05	
BC DL	10.0 PSF	DRW	HCUSR487	05244021
BC LL	0.0 PSF	HC-ENG	JB/AF	*
TOT.LD.	40.0 PSF	SEQN-	27282	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1SQ3487_Z03	



ALPINE

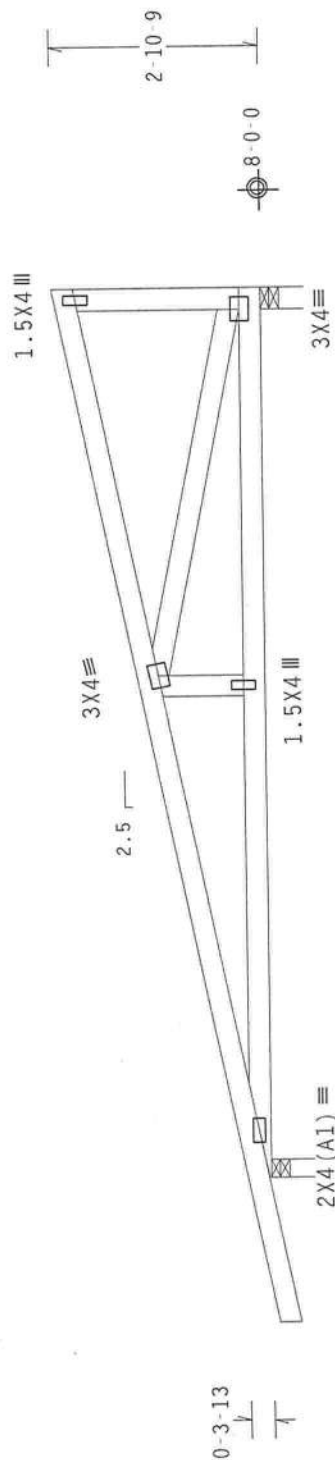
Alpine Engineered Products, Inc.
1930 Marley Drive
Haines City, FL 33844

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

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

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

Right end vertical not exposed to wind pressure.



—————12-3-8 Over 2 Supports

R=643 U=209 W=3"

R=468 H=180 W=3.5"

7-0-0-0

PLOT TYP.: Wave TPI

Design Crit: TPI-1995(STD)/FBC

Scale = .375"/Ft.

RFF R487-- 16269

DATE 09/01/05

MAIL 03/01/03

DRW HCUR487 0524402

HC-ENG JB/AF

SEQN- 27276

JREF- 1503487 703

[illegible][illegible]

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

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

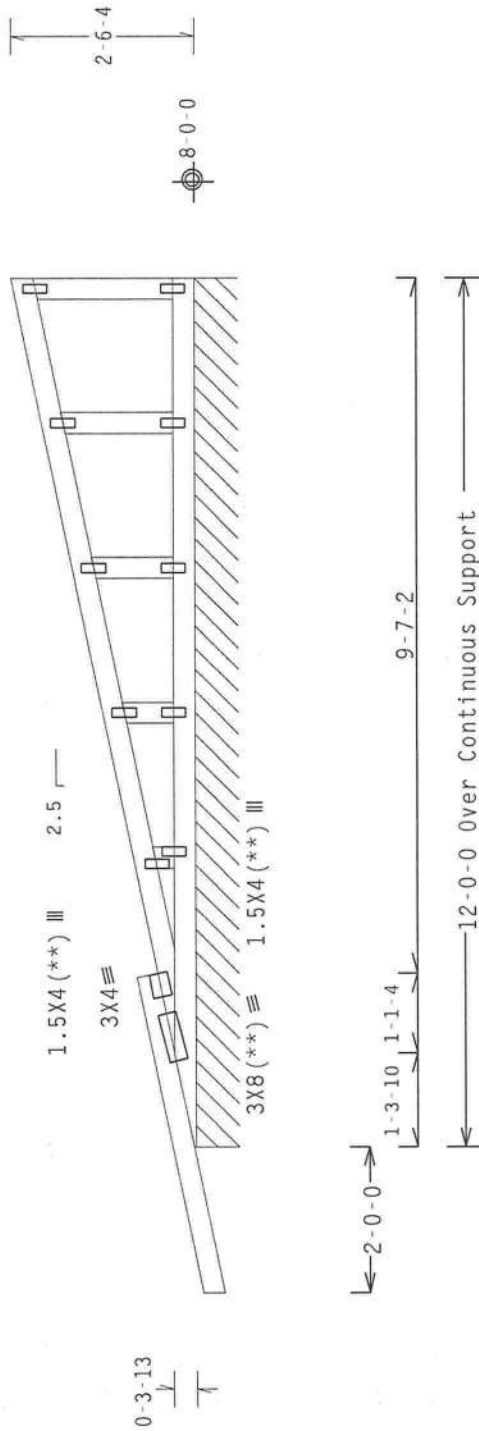
110 mph wind, 9.21 ft mean hgt, ASCE 7-98, CLOSED bldg, Located
anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0
psf.

See DWG5 A11015EC1103 & GBLLETIN0405 for more requirements.

Right end vertical not exposed to wind pressure.

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

(**) Plate relocated as shown.



Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

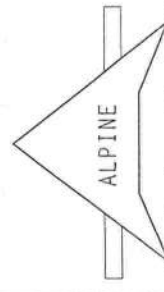
7.0

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

Scale = .375"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 500 D'AMORE DR., SUITE 200, HADISON, NJ 07610) AND NCTA (NATIONAL COUNCIL OF AMERICA, 8000 WILSON BLVD., SUITE 100, HADISON, NJ 07610) FOR SAFETY PRACTICES PRIOR TO FABRICATING TRUSSES. TRUSSES MUST BE PROPERLY BRACED TO 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 A789) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2010/160A (M/J/S/P) 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 SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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Haines City, FL 33844
FL Certificate of Authorization # 567



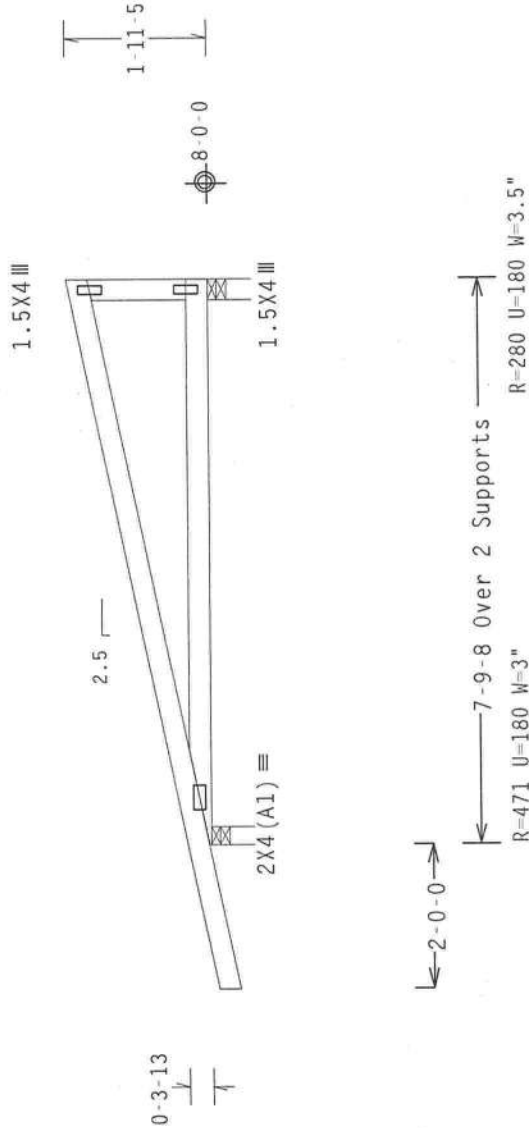
TC LL	20.0 PSF
TC DL	10.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	40.0 PSF
DUR.FAC.	1.25
SPACING	24.0"

REF	R487--	16271
DATE	09/01/05	
DRW	HCUSR487	05244042
HC-ENG	JB/AF	
SEQN-	27332	
JREF-	1SQ3487_Z03	

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

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

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



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.0

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

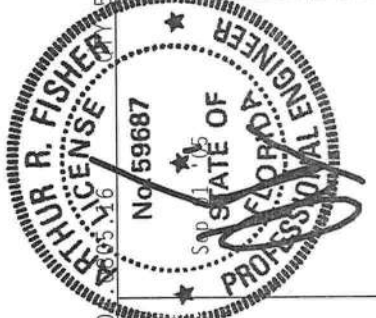
Scale = .375"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RES 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 543 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 OF BUILDING TRUSS IN CONFORMANCE WITH TPI: PROVIDING, MANUFACTURING, INSTALLING, OR BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE TPI: PROVIDING, MANUFACTURING, INSTALLING, OR BRACING OF TRUSSES. CONFORMS 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.



Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
Professional Engineer's Seal # 567



TC LL	20.0 PSF	REF	R487 -- 16272
TC DL	10.0 PSF	DATE	09/01/05
BC DL	10.0 PSF	DRW	HCUSR487 05244024
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	40.0 PSF	SEON	27281
DUR.FAC.	1.25		
SPACING	24.0"	JREF	1SQ3487_Z03

CLB WEB BRACE SUBSTITUTION

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

NOTES:

THIS DETAIL IS ONLY APPLICABLE FOR CHANGING THE SPECIFIED CLB SHOWN ON SINGLE PLY SEALED DESIGNS TO T-BRACING OR SCAB BRACING.
ALTERNATIVE BRACING SPECIFIED IN CHART BELOW MAY BE CONSERVATIVE. FOR MINIMUM ALTERNATIVE BRACING, RE-RUN DESIGN WITH APPROPRIATE BRACING.

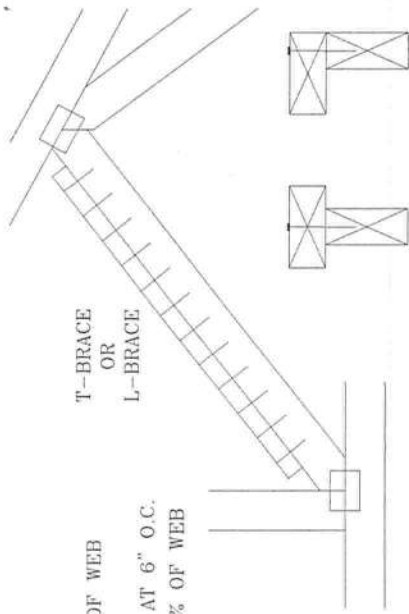
WEB MEMBER SIZE	SPECIFIED CLB BRACING	T OR L-BRACE	ALTERNATIVE BRACING	SCAB BRACE
2X3 OR 2X4	1 ROW	2X4	2X4	1-2X4
	2 ROWS	2X6	2X6	2-2X4
2X6	1 ROW	2X4	2X4	1-2X6
	2 ROWS	2X6	2X6	2-2X4(*)
2X8	1 ROW	2X6	2X6	1-2X8
	2 ROWS	2X6	2X6	2-2X6(*)

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:

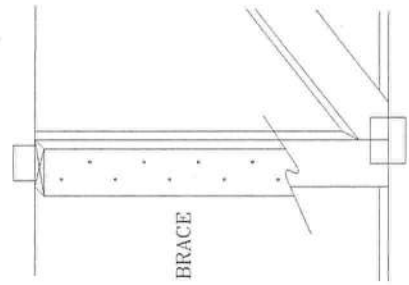
APPLY TO EITHER SIDE OF WEB NARROW FACE
ATTACH WITH 16d NAILS AT 6" O.C.
BRACE IS A MINIMUM 80% OF WEB MEMBER LENGTH



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



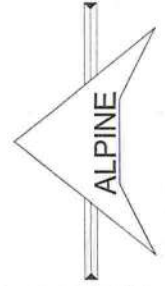
SCAB BRACE

THIS DRAWING REPLACES DRAWING 579.640



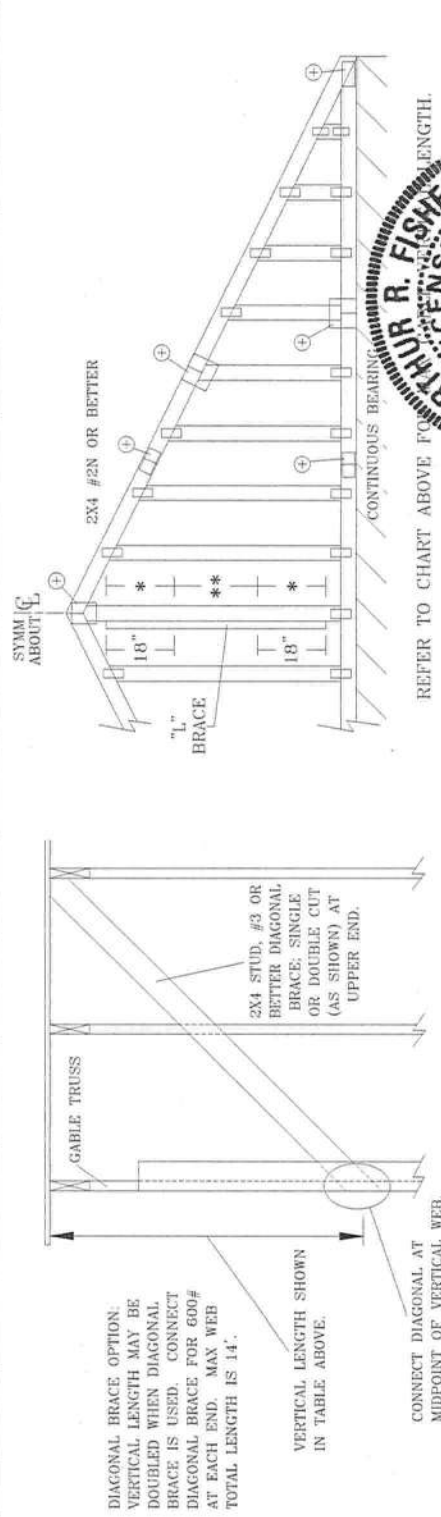
VARIATIONS TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. THE TRUSS DESIGNER SHALL BE RESPONSIBLE FOR THE TRUSS DESIGN, INCLUDING THE TRUSS CONNECTIONS TO THE FOUNDATION, WALLS, CEILING, FLOOR, AND VERTICAL TRUSS CONNECTIONS TO THE ROOF. THE TRUSS DESIGNER SHALL BE RESPONSIBLE FOR THE TRUSS DESIGN, INCLUDING THE TRUSS CONNECTIONS TO THE FOUNDATION, WALLS, CEILING, FLOOR, AND VERTICAL TRUSS CONNECTIONS TO THE ROOF. THE TRUSS DESIGNER SHALL BE RESPONSIBLE FOR THE TRUSS DESIGN, INCLUDING THE TRUSS CONNECTIONS TO THE FOUNDATION, WALLS, CEILING, FLOOR, AND VERTICAL TRUSS CONNECTIONS TO THE ROOF.

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



ALPINE ENGINEERED PRODUCTS, INC.
POMPAHO BEACH, FLORIDA

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



ALPINE

ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

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

VERTICAL LENGTH SHOWN
IN TABLE ABOVE.

CONNECT DIAGONAL AT
MIDPOINT OF VERTICAL
WEB.

MAX. SPACING 24.0"

MAX. TOT. LD. 60 PSF

REF ASCE7-98-GABI1015

DATE 11/26/03

DRWG A11015EC1103

-ENG

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

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

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO FOLLOW THESE INSTRUCTIONS OR ANY OTHER CODES OR REGULATIONS, OR ANY FAILURE TO FOLLOW THE BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE NATIONAL DESIGN SPEC. BY AIA/ASCE AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (W/H/2X) ASTM A503 GRADE, 40/60 (W/H/2X) GALV. STEEL. APPLY CONNECTOR PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1604-2. ANY INSPECTION OF PLATES FOLLOWED BY (D) SHALL BE PER ANNEX A3 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 SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. PER ANSI/TPI 1 SEC. 2.



23758

Columbia County Building Department Culvert Permit

Culvert Permit No.
000000858

DATE 10/24/2005 PARCEL ID # 23-4S-16-03099-215
APPLICANT JONATHAN PERRY PHONE 719-7192
ADDRESS 373 NW OLD MILL DR LAKE CITY FL FL 32024
OWNER DONNIE WILLIAMS PHONE 755-0764
ADDRESS 155 SW LANCELOT GLEN LAKE CITY FL FL 32024
CONTRACTOR JONATHAN PERRY PHONE 719-7192
LOCATION OF PROPERTY 341, R INTO STONEHENGE, R ON LANCELOT GLEN, 2ND HOUSE ON LEFT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT STONEHENGE 15 2

SIGNATURE

INSTALLATION REQUIREMENTS

☒ X

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

INSTALLATION NOTE: Turnouts will be required as follows:

- a) a majority of the current and existing driveway turnouts are paved, or;
- b) the driveway to be served will be paved or formed with concrete.

Turnouts shall be concrete or paved a minimum of 12 feet wide or the width of the concrete or paved driveway, whichever is greater. The width shall conform to the current and existing paved or concreted turnouts.

☐

Culvert installation shall conform to the approved site plan standards.

☐

Department of Transportation Permit installation approved standards.

☐

Other _____

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

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

Amount Paid 25.00



COLUMBIA COUNTY FLORIDA DEPARTMENT OF BUILDING AND ZONING

OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 23-4S-16-03099-215

Building permit No. 000023758

Use Classification SFD, UTILITY

Fire: 41.44

Permit Holder JONATHAN PERRY

Waste: 85.75

Owner of Building DONNIE WILLIAMS

Total: 127.19

Location: 155 SW LANCELOT GLEN, LAKE CITY, FL 32024

Date: 03/14/2006



Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

Notice of Intent for Preventative Treatment for Termites

(As required by Florida Building Code 104.2.6)

Date: 11-7-05

23758

Lt. 15 Phase II Stonehenge

Lake City / Columbia
City

(Address of Treatment or Lot/Block of Treatment)

Florida Pest Control & Chemical Co.

www.flapest.com

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

Chemical to be used: 23% Disodium Octaborate Tetrahydrate

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

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

6/04 ©

Notice of Treatment

11766

Applicator: Florida Pest Control & Chemical Co. (www.flapest.com)

Address: BAYVIEW

City: L.C. Phone: _____

Site Location: Subdivision Stonehenge

Lot # 15 Block # 23758

Address: 155 SW Laurel St

Product used Active Ingredient % Concentration

☐ Premise Imidacloprid 0.1%

☐ Termidor Fipronil 0.12%

☒ Bora-Care Disodium Octaborate Tetrahydrate 23.0%

Type treatment:

☐ Soil ☒ Wood

Area Treated Dwelling

Square feet 3188

Linear feet 764

Gallons Applied 4

As per Florida Building Code 104.2.6 – If soil chemical barrier method for termite prevention is used, final exterior treatment shall be completed prior to final building approval.

If this notice is for the final exterior treatment, initial this line _____

Date 11/6/05 Time 1430 Print Technician's Name 23758 Gandy

Remarks: _____

Applicator - White Permit File - Canary Permit Holder - Pink
10/05 ©