

DATE 10/25/2005

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000023772

APPLICANT DONALD E. WILLIAMS PHONE 755.0764
ADDRESS 541 SW AIRPARK GLEN LAKE CITY FL 32025
OWNER TROY HOLLINGSWORTH PHONE _____
ADDRESS 239 SW LANCELOT GLEN LAKE CITY FL 32025
CONTRACTOR DONALD E. WILLIAMS PHONE 755.0764

LOCATION OF PROPERTY 90-W TO C-341, TL TO STONEHENGE LN, TR TO GUINEVERE WAY TO LANCELOT, TR AND IT'S THE 7TH LOT ON L BY POND.

TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 115850.00
HEATED FLOOR AREA 2317.00 TOTAL AREA 3082.00 HEIGHT 16.00 STORIES 1
FOUNDATION CONC WALLS FRAMED ROOF PITCH 6'12 FLOOR CONC
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-16-03099-219 SUBDIVISION STONEHENGE
LOT 19 BLOCK _____ PHASE _____ UNIT _____ TOTAL ACRES 1.61

000000865 CGC004692
Culvert Permit No. Culvert Waiver Contractor's License Number Donald E. Williams Applicant/Owner/Contractor
18"X32"MITERED 05-1016-N BLH JTH
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: NOC ON FILE. SEE ENGINEER LETTER. MINIMUM FINISHED FLOOR ELEVATION IS TO BE HIGHER OF 12" ABOVE HIGHEST ADJ. EXISTING GROUND ELEVATION OR 18" ABOVE EAST END OF PAVEMENT ADJ. TO RETENTION POND. Check # or Cash 502

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power _____ Foundation _____ Monolithic _____
date/app. by date/app. by date/app. by
Under slab rough-in plumbing _____ Slab _____ Sheathing/Nailing _____
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 \$ 580.00 CERTIFICATION FEE \$ 15.41 SURCHARGE FEE \$ 15.41
MISC. FEES \$.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$.00 WASTE FEE \$ _____
FLOOD DEVELOPMENT FEE \$ 0.00 FLOOD ZONE FEE \$ 25.00 CULVERT FEE \$ 25.00 TOTAL FEE 710.82
INSPECTORS OFFICE COFF CLERKS OFFICE CH

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

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

This Permit Must Be Prominently Posted on Premises During Construction

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

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

THIS INSTRUMENT PREPARED BY
AND RETURN TO:
TITLE OFFICES, LLC
1089 SW MAIN BLVD.
LAKE CITY, FLORIDA 32025

Parcel I.D. #: 03099-000

Inst:2005025841 Date:10/18/2005 Time:10:28
MK DC, P. DeWitt Cason, Columbia County B:1062 P:195

SPACE ABOVE THIS LINE FOR PROCESSING DATA

SPACE ABOVE THIS LINE FOR RECORDING DATA

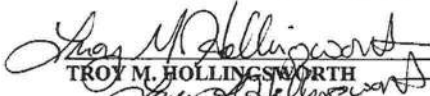
NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF COLUMBIA

THE UNDERSIGNED hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713.13, Florida Statutes, the following information is provided in this Notice of Commencement. This Notice shall be void and of no force and effect if construction is not commenced within ninety (90) days after recordation.

1. Description of property: (Legal description of property, and street address if available)

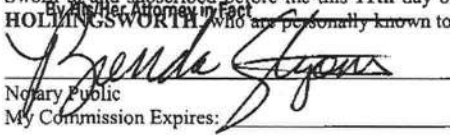
239 SW LANCELOT GLEN, LAKE CITY, FLORIDA 32024
Lot 19, STONEHENGE, Phase 2, according to the map or plat thereof as recorded in Plat Book 8,
Page 29-30, of the Public Records of Columbia County, FLORIDA.
2. General description of improvement: **construction of single family dwelling**
3. Owner information:
 - a. Name and address:
TROY M. HOLLINGSWORTH and TARA L. HOLLINGSWORTH
6417 BAKER ROAD, KEYSTONE HEIGHTS, FL 32656
 - b. Interest in property: **Fee Simple**
 - c. Name and Address of Fee Simple Titleholder (if other than owner):
4. Contractor: (Name and Address)
DONNY WILLIAMS CONSTRUCTION
541 SW AIRPARK GLEN
LAKE CITY, FLORIDA 32025
5. Surety (if any):
 - a. Name and Address:
Telephone Number: _____
 - b. Amount of Bond \$ _____
6. Lender: (Name and Address)
PEOPLES STATE BANK
350 SW MAIN BLVD., LAKE CITY FL 32025
Telephone Number: **386-754-0002**
7. Persons within the State of Florida designated by Owner upon whom notice or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes: (Name and Address)
N/A
8. In addition to himself, Owner designates the following person(s) to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes: (Name and Address)
PEOPLES STATE BANK
350 SW MAIN BLVD., LAKE CITY FL 32025
Telephone Number: **386-754-0002**
9. Expiration date of Notice of Commencement (the expiration date is 1 year from the date of recording unless a different date is specified) _____

 (SEAL)
TROY M. HOLLINGSWORTH

 (SEAL)
TARA L. HOLLINGSWORTH

Sworn to and subscribed before me this 11th day of October, 2005, by **TROY M. HOLLINGSWORTH and TARA L. HOLLINGSWORTH** who are personally known to me or who have produced drivers license

as identification.


Notary Public
My Commission Expires: _____

BRENDA STYONS
NOTARY PUBLIC-STATE OF FLORIDA
COMMISSION #287986
MY COMMISSION EXPIRES FEB. 5, 2008

STATE OF FLORIDA
COUNTY OF COLUMBIA, ss:

On this, the 11th day of October, 2005, before me the undersigned Officer for and in the State and County aforesaid, personally appeared TARA L. HOLLINGSWORTH, individually, and as ATTORNEY IN FACT for TROY M. HOLLINGSWORTH, and has produced a FLORIDA DRIVERS LICENSE as Identification.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

BRENDA STYONS
NOTARY PUBLIC-STATE OF FLORIDA
COMMISSION #287986
MY COMMISSION EXPIRES FEB. 5, 2008


NOTARY PUBLIC

Inst:2005025841 Date:10/18/2005 Time:10:28
DC,P.Dewitt Cason,Columbia County B:1062 P:196

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0510-25 Date Received 10-10-05 By LH Permit # 865-23772
Application Approved by - Zoning Official BLK Date 24.10.05 Plans Examiner OK JTH Date 10-18-05
Flood Zone Xpgh Development Permit N/A Zoning RSF-2 Land Use Plan Map Category RES. L-Dev.
Comments Elevation letter from Eng. letter confirming greater height before slab inspection
GIVE Permittee Copy of Eng. letter.

Applicants Name DONALD E. WILLIAMS, 541 SW AIRPARK GLEN, LAKE CITY, FL Phone 386-755-0764 FAX 755-0764
Address 541 SW Airpark Glen, LAKE CITY, FL 32025
Owners Name TROY HOLLINGSWORTH, 541 SW AIRPARK GLEN, LAKE CITY, FL Phone 386-755-0764
911 Address 239 SW LANCELOT GLN.32025
Contractors Name DONNY WILLIAMS CONSTRUCTION LLC Phone 386-755-0764
Address 541 SW Airpark Glen, LAKE CITY, FL 32025
Fee Simple Owner Name & Address TROY HOLLINGSWORTH, 541 SW AIRPARK GLEN, LAKE CITY, FL 32025
Bonding Co. Name & Address NA
Architect/Engineer Name & Address TIM DELBENE & MARK DISSOSWAY
Mortgage Lenders Name & Address PEOPLES STATE BANK, LAKE CITY, FL
Circle the correct power company - FL Power & Light - Clay Elect. - Suwannee Valley Elect. - Progressive Energy
Property ID Number 23-45-16-03099-219 Estimated Cost of Construction \$115,000.00
Subdivision Name STONEHENGE Lot 19 Block Unit Phase 2
Driving Directions 90W, TL CR 341, TR STONEHENGE LANE, TR GUINEVERE WAY, TR LANCELOT GLEN, 7th LOT ON L B
POND

Type of Construction FRAME SFD Number of Existing Dwellings on Property 0
Total Acreage 1.61 Lot Size 1.61 Do you need a Culvert Permit or Culvert Waiver or Have an existing Drive
Actual Distance of Structure from Property Lines - Front 265 FT Side 63.5 FT Side 40 FT Rear 79.5 FT
Total Building Height 16' Number of Stories 1 Heated Floor Area 2317 SF Roof Pitch 6/12
Porches 267 Garage 498 TOTAL 3082

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

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

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

Donald E. Williams
Owner Builder or Agent (including Contractor)

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me

this 10 day of October 2005
Personally known or Produced Identification

Contractor Signature
Contractors License Number CGC004692
Competency Card Number



Laurie Hobson
Notary Signature

PERMITEE
COPY

FLOOR ELEVATIONS

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

OWNER: Donald E. Williams

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

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

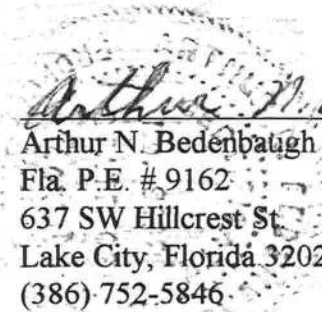
Lots 1, 2, 3, 4, & 5: The minimum finish floor elevation of all proposed habitable buildings shall be the higher of 12 inches above the highest adjacent existing ground elevation at the proposed building or 12 inches above the highest adjacent roadway.

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

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

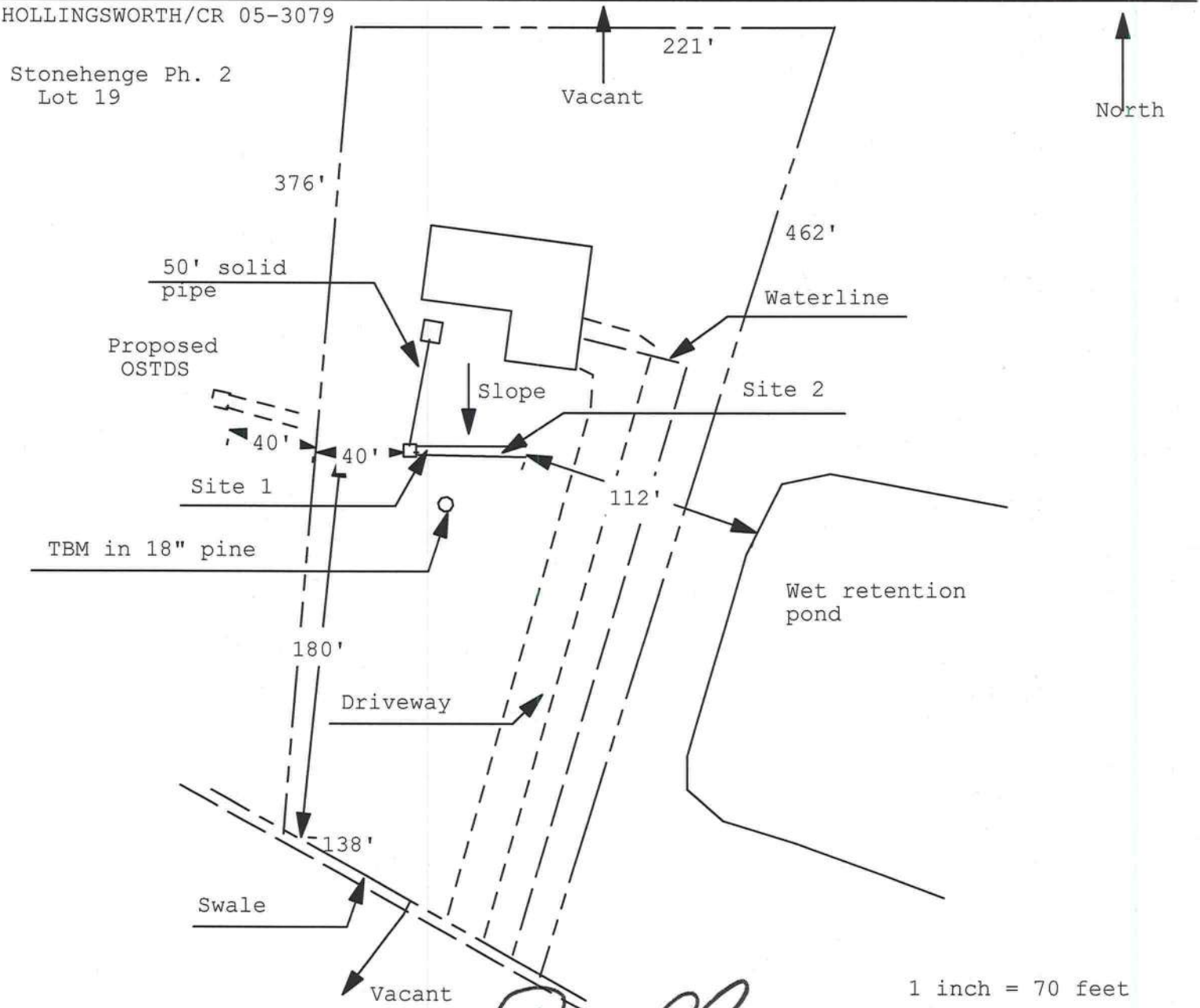
The above elevations were obtained by using highly variable factors determined by a study of the watershed and by accepted water management district rainfall data and practices. Many judgements and assumptions are required to establish these factors. The resultant data is sensitive to changes, particularly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

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


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

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

Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan
Permit Application Number: 05-1016-N
ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT



Site Plan Submitted By Paul Lloyd Date 9/12/25
Plan Approved ☒ Not Approved ☐ Date 16-3-05

By Mr. S. M. Columbia CPHU

Notes: _____

FLORIDA ENERGY EFFICIENCY CODE
FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name:	Hollingsworth Residence	Builder:	Donny Williams
Address:	Lot: 19, Sub: Stonehenge PH2, Plat:	Permitting Office:	Columbia County
City, State:	Lake City, FL 32055-	Permit Number:	23772
Owner:	Matt & Tara Hollingsworth	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)	2317 ft²		
7. Glass area & type	Single Pane Double Pane	13. Heating systems	
a. Clear glass, default U-factor	0.0 ft² 204.0 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, 215.0(p) ft	14. Hot water systems	
b. N/A		a. Electric Resistance	Cap: 30.0 gallons
c. N/A			EF: 0.90
9. Wall types		b. N/A	
a. Frame, Wood, Exterior	R=11.0, 1662.0 ft²	c. Conservation credits	
b. N/A		(HR-Heat recovery, Solar	
c. N/A		DHP-Dedicated heat pump)	
d. N/A		15. HVAC credits	PT, CF,
e. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
10. Ceiling types		HF-Whole house fan,	
a. Under Attic	R=30.0, 2317.0 ft²	PT-Programmable Thermostat,	
b. N/A		MZ-C-Multizone cooling,	
c. N/A		MZ-H-Multizone heating)	
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 40.0 ft		
b. N/A			

Glass/Floor Area: 0.09

Total as-built points: 26197
Total base points: 32600

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: 6/24/05

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: 19, 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 Ormt Len Hgt			Area X SPM X SOF = Points			
.18	2317.0	20.04	8357.9	Double, Clear	N	2.0	7.0	45.0	19.20	0.92	796.8
				Double, Clear	N	2.0	3.0	3.0	19.20	0.78	44.8
				Double, Clear	N	12.0	9.0	60.0	19.20	0.67	770.2
				Double, Clear	S	2.0	7.0	51.0	35.87	0.82	1500.2
				Double, Clear	E	2.0	6.0	12.0	42.06	0.85	428.1
				Double, Clear	W	2.0	7.0	30.0	38.52	0.89	1024.8
				Double, Clear	W	2.0	3.0	3.0	38.52	0.64	73.8
				As-Built Total:							204.0
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		1662.0	1.70	2825.4		
Exterior	1662.0	1.70	2825.4								
Base Total: 1662.0 2825.4				As-Built Total:				1662.0	2825.4		
DOOR TYPES Area X BSPM = Points				Type	Area X SPM = Points						
Adjacent	21.0	2.40	50.4	Exterior Insulated			48.0	4.10	196.8		
Exterior	48.0	6.10	292.8	Adjacent Insulated			21.0	1.60	33.6		
Base Total: 69.0 343.2				As-Built Total:				69.0	230.4		
CEILING TYPES Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points				
Under Attic	2317.0	1.73	4008.4	Under Attic	30.0		2317.0	1.73 X 1.00	4008.4		
Base Total: 2317.0 4008.4				As-Built Total:				2317.0	4008.4		
FLOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Slab	215.0(p)	-37.0	-7955.0	Slab-On-Grade Edge Insulation	0.0		215.0(p)	-41.20	-8858.0		
Raised	0.0	0.00	0.0								
Base Total: -7955.0				As-Built Total:				215.0	-8858.0		
INFILTRATION Area X BSPM = Points				Area X SPM = Points							
2317.0 10.21 23656.6				2317.0 10.21 23656.6							

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 19, Sub: Stonehenge PH2, Plat: , Lake City, FL, 32055- PERMIT #:

BASE				AS-BUILT							
Summer Base Points: 31236.5				Summer As-Built Points: 26501.5							
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	
31236.5		0.4266	13325.5	26501.5		1.000	(1.090 x 1.147 x 0.91)	0.341	0.902	9287.2	
				26501.5		1.00	1.138	0.341	0.902	9287.2	

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 19, Sub: Stonehenge PH2, Plat: , Lake City, FL, 32055- PERMIT #:

BASE				AS-BUILT						
GLASS TYPES .18 X Conditioned X BWPM = Points Floor Area				Type/SC						

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 19, Sub: Stonehenge PH2, Plat: , Lake City, FL, 32055- PERMIT #:

BASE				AS-BUILT							
Winter Base Points: 17591.0				Winter As-Built Points: 18580.4							
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	
17591.0		0.6274	11036.6	18580.4		1.000	(1.069 x 1.169 x 0.93)	0.432	0.950	8854.9	
				18580.4		1.00	1.162	0.432	0.950	8854.9	

WATER HEATING & CODE COMPLIANCE STATUS
Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 19, Sub: Stonehenge PH2, Plat: , Lake City, FL, 32055- PERMIT #:

BASE				AS-BUILT					
WATER HEATING									
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X Tank Ratio	Multiplier X	Credit = Total Multiplier
3		2746.00	8238.0	30.0	0.90	3	1.00	2684.98	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
13325		11037		8238 32600	9287		8855		8055 26197

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 19, 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.	✓

RON E. BIAS WELL DRILLING

Route 2, Box 5340
Ft. White, Florida 32038
(904) 497-1045
Mobile: 364-9233

No. _____

Date _____

Name _____

Address _____

Phone _____

DESCRIPTION

Dia.
4" deep well down to 100ft.
Constant Pressure system.
- 1" Hp. sub. pump. 80' Yellow tank.
325'eters - 35 gallon draw down
1/4" drop system check valve.
7' back Floor Preventer.
20 gallon P.W. system.
(SPW and Permitted)

Total _____

Deposit _____

Balance _____

Thanks.

Date Wanted _____

Authorized By Ron E Bias

Received By _____

**Columbia County Building Department
Culvert Permit**

**Culvert Permit No.
000000865**

DATE 10/25/2005 PARCEL ID # 23-4S-16-03099-219
APPLICANT DONALD E. WILLIAMS PHONE 755.0764
ADDRESS 541 SW AIRPARK GLEN LAKE CITY FL 32025
OWNER TROY HOLLINGSWORTH PHONE _____
ADDRESS 239 SW LANCETLOT GLEN LAKE CITY FL 32025
CONTRACTOR DONALD E. WILLIAMS PHONE 755.0764
LOCATION OF PROPERTY 90- TO C-341-TL TO STONEHENGE LANE, TR TO GUINEVERE WAY, TO LANCELOT
GLEN, TR IT' THE 7TH LOT ON L BY POND.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT STONEHENGE 19

SIGNATURE *Donald E. Williams*

INSTALLATION REQUIREMENTS



Culvert size will be 18 inches in diameter with a total lenght 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 INSTALATION 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
OFFICIAL
DEPARTMENT OF BUILDING AND ZONING INSPECTION

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-16-03099-219

Building permit No. 000023772

Use Classification SFD/UTILITY

Fire: 23.68

Permit Holder DONALD E. WILLIAMS

Waste: 49.00

Owner of Building TROY HOLLINGSWORTH

Total: 72.68

Location: 239 SW LANCELOT GLEN(STONEHENGE, LOT 19)

Date: 06/15/2006



[Signature]

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID:1SQ2487-Z0130114833

Truss Fabricator: Anderson Truss Company
Job Identification: 5-349-DONNIE WILLIAMS/HOLLINGSWORTH
Truss Count: 45
Model Code: Florida Building Code 2001
Truss Criteria: ANSI/TPI-1995 (STD)/FBC
Engineering Software: Alpine Software, Versions 7.04, 7.02.
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-CNBRGBLK



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

#	Ref	Description	Drawing#	Date
1	94762--H9A		05242010	08/30/05
2	94763--HM9A		05242011	08/30/05
3	94764--H11A		05242012	08/30/05
4	94765--AS2		05242013	08/30/05
5	94766--AH1		05242014	08/30/05
6	94767--AH2		05242015	08/30/05
7	94768--AH3		05242016	08/30/05
8	94769--AH4		05242017	08/30/05
9	94770--AH5		05242018	08/30/05
10	94771--AH6		05242019	08/30/05
11	94772--AS		05242020	08/30/05
12	94773--HS13A		05242001	08/30/05
13	94774--HS15A		05242021	08/30/05
14	94775--AS1		05242022	08/30/05
15	94776--HS17A		05242023	08/30/05
16	94777--HS19A		05242024	08/30/05
17	94778--AS3		05242025	08/30/05
18	94779--HT11A		05242026	08/30/05
19	94780--HT13A		05242027	08/30/05
20	94781--HT15A		05242028	08/30/05
21	94782--HT17A		05242029	08/30/05
22	94783--HT19A		05242030	08/30/05
23	94784--AT		05242002	08/30/05
24	94785--BGE		05242031	08/30/05
25	94786--B		05242003	08/30/05
26	94787--BG		05242032	08/30/05
27	94788--CGE		05242033	08/30/05
28	94789--C		05242004	08/30/05
29	94790--CG		05242034	08/30/05
30	94791--DGE		05242035	08/30/05
31	94792--D		05242005	08/30/05
32	94793--DG		05242036	08/30/05
33	94794--EGE		05242037	08/30/05
34	94795--E		05242006	08/30/05
35	94796--EG		05242038	08/30/05
36	94797--GGE		05242039	08/30/05

#	Ref	Description	Drawing#	Date
37	94798--G		05242007	08/30/05
38	94799--EJ9		05242008	08/30/05
39	94800--CJ7		05242040	08/30/05
40	94801--HJ9		05242041	08/30/05
41	94802--CJ5		05242042	08/30/05
42	94803--CJ3		05242043	08/30/05
43	94804--CJ1		05242044	08/30/05
44	94805--EJ9E		05242009	08/30/05
45	94806--KGE		05242045	08/30/05



Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Page 1 of 1 Document ID:1SQ2487-Z0130114833

Truss Fabricator: Anderson Truss Company
Job Identification: 5-349-DONNIE WILLIAMS/HOLLINGSWORTH (5-349|-DONNIE WILLIAMS/HOLLINGSWORTH)
Truss Count: 1
Model Code: Florida Building Code 2001
Truss Criteria: ANSI/TPI-1995 (STD)/FBC
Engineering Software: Alpine Software, Versions 7.04, 7.02.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-98 -Closed

Notes:

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

Seal Date: 08/30/2005

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

Revised Trusses

#	Ref	Description	Drawing#	Date
1	94787--BG		05242032	08/30/05

ALPINE



2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (10d Common (0.148"x3",_min.)_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.

Use equal spacing between rows and stagger nails in each row to avoid splitting.

#1 hip supports 9-0-0 Jacks W/2 panel TC and no end vert.

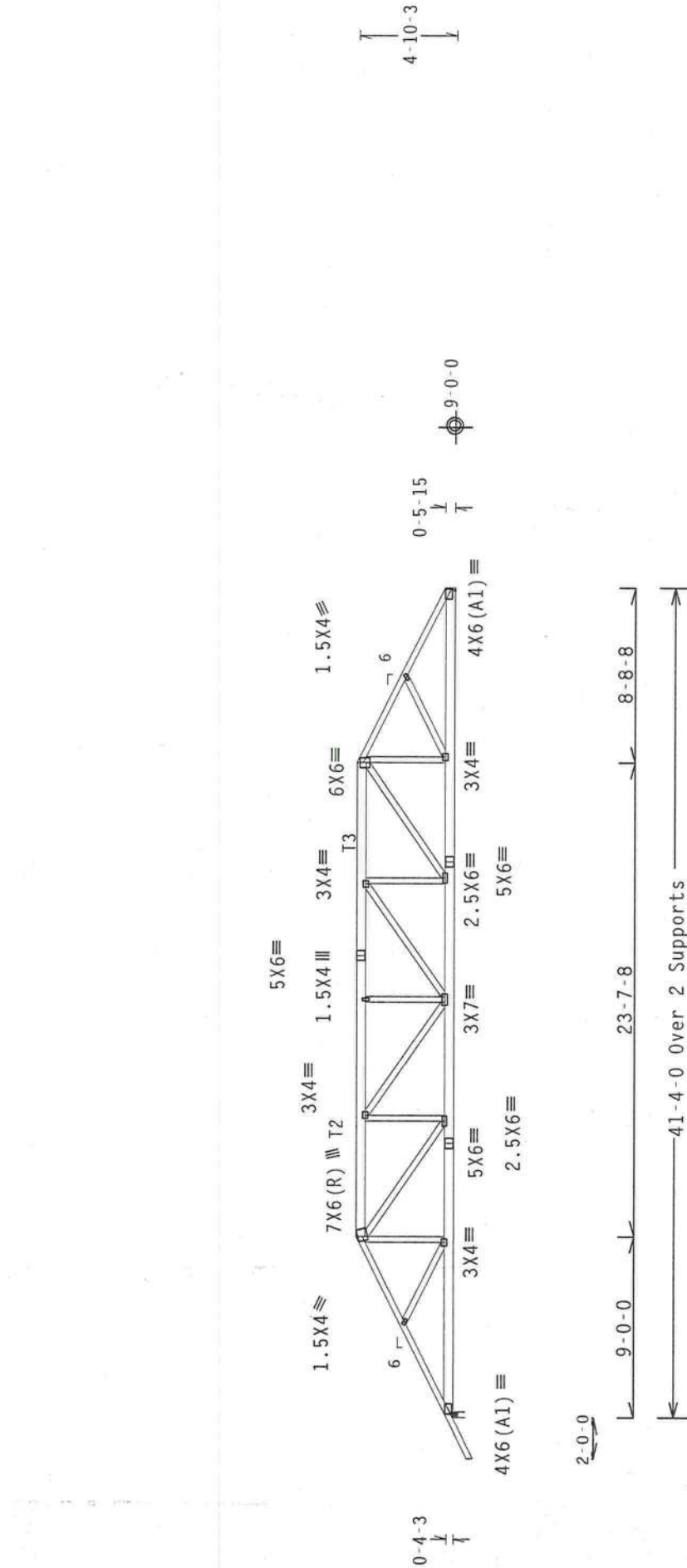
Deflection meets L/360 live and L/240 total load.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, Exp B, wind TC DL=2.8 psf, wind BC DL=2.2 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.

13-349-DUNNIE WILLIAMS/HOLLINGSWORTH - HSA)



PLT TYP. Wave TPI	Design Crit: TPI-1995(STD)/FBC	7.04	FL/-/3/-/-R/-	Scale = .125"/Ft.
R=4337 U=1319 H-Simpson HGUS28-2 w/ (12) 10d Common, 0.148"x3.0" nails in Truss w/ (12) 10d Common, 0.148"x3.0" nails in Girder So.Pine				REF R487-- 94762
				DATE 08/30/05
				DRW HCUSR487 05242010
				HC-ENG JB/AF
				SEQN- 122741
				DUR.FAC. 1.25
				SPACING 24.0"
				JREF- 1S02487_Z01

ALPINE

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

FL Certificate of Authorization # 567

Professional Engineer
No. 59687
August 30, 2005
STATE OF FLORIDA

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC., BY AISC) AND TPI. ALPINE CORP. HAS MADE OF 2010/07/16/06 (0.0/5/9) ASIN A555 GRADE 40/60 (40, 60/60) GALV. STEEL. APPLY TO THE TRUSS. THE TRUSS SHALL BE DESIGNED IN ACCORDANCE WITH THE DESIGN. POSITION PER DIAPHRAGMS 100A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED BY A PROFESSIONAL ENGINEER. 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	
	webs	2x4	SP	#3	:W2	2

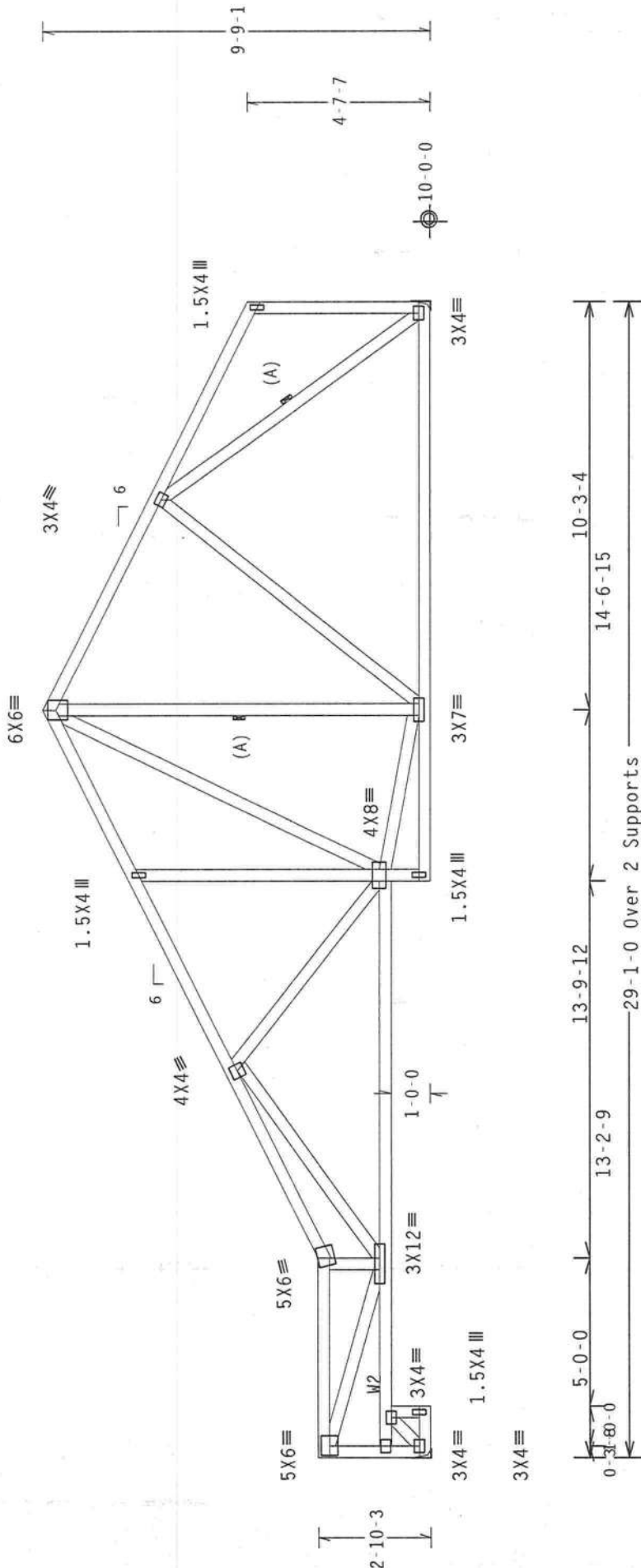
110 mph wind, 16.30 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=2.8 psf, wind BC DL=2.2 psf.

End verticals not exposed to wind pressure.

Max JT VERT DEFL: LL: 0.15" DL: 0.15" recommended camber 1/4"

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.

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



R=1163 U=369 H=Simpson HUS26
w/ (6) 10d Common, 0.148"x3.0
w/ (14) 10d Common, 0.148"x3.0
Girder is (1)2X6 min. So.Pine

R=1163 U=378 H=Simpson HUS26
 (6) 10d Common, 0.148"x3.0" nails in Truss
 (4) 10d Common, 0.148"x3.0" nails in Girder
 Flange
 (1) 2X6 min. So.Pine

PLT_TYP. Wave TPI

Design Crit: TPI-1995 (STD) / FBC

CONFIDENTIAL

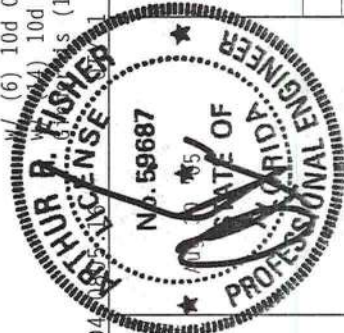
Scale = .25"/Ft.



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

FL Certificate of Authorization # 567

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND DRAGGING. ALWAYS WEAR PROPERLY FITTING PROTECTIVE EQUIPMENT. ALL TRUSSING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI TRUSSING PLATE INSTITUTE, 5400 DONIPHAN DR., SUITE 200, MADISON, WI 53719, AND WCA, 4000 TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE BLVD., MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

[illegible]

TC LL	20.0 PSF	REF	R487--	94765
TC DL	10.0 PSF	DATE	08/30/05	
BC DL	10.0 PSF	DRW	HCUSR487	05242013
BC LL	0.0 PSF	HC-ENG	JB/AF	
TOT.LD.	40.0 PSF	SEQN-	153816	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1SQ2487_Z01	

(5-349-DONNIE WILLIAMS/HULLINGSWORTH - AHL)

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

110 mph wind, 16.80 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=2.8 psf, wind BC DL=2.2 psf.

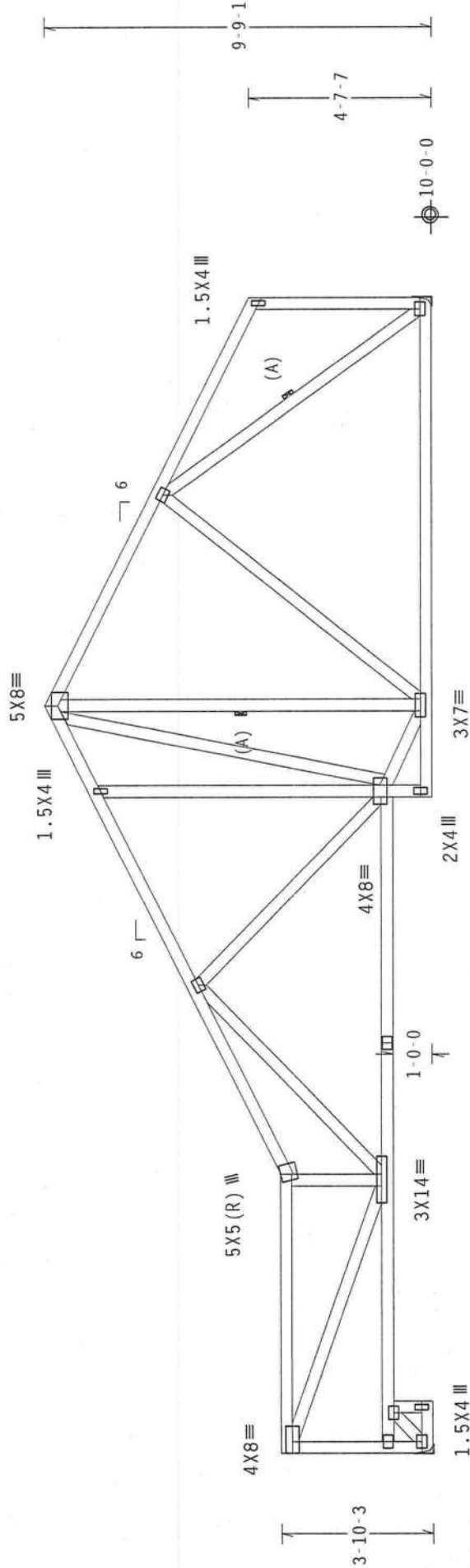
End verticals not exposed to wind pressure.

Max JT VERT DEFL: LL: 0.24" DL: 0.24" recommended camber 3/8"

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.

(A) Continuous lateral bracing equally spaced on member.

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



R=1163 U=379 H=Simpson HUS26
w/ (6) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So.Pine

R=1163 U=381 H=Simpson HUS26
w/ (6) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So.Pine

Note: All Plates Are 3X4 Except As Shown.

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.0

FL/-3/-/-R/-

Scale =.25"/Ft.

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

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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2019/16GA (0.0156") A575 (ASTM A575) GALV. STEEL. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING. THIS PLATE TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING. THIS DESIGN SHOWS THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TC LL	20.0 PSF	REF R487-- 94766
TC DL	10.0 PSF	DATE 08/30/05
BC DL	10.0 PSF	DRW HCUSR487 05242014
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	40.0 PSF	SEQN- 153812
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 15Q2487_Z01

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

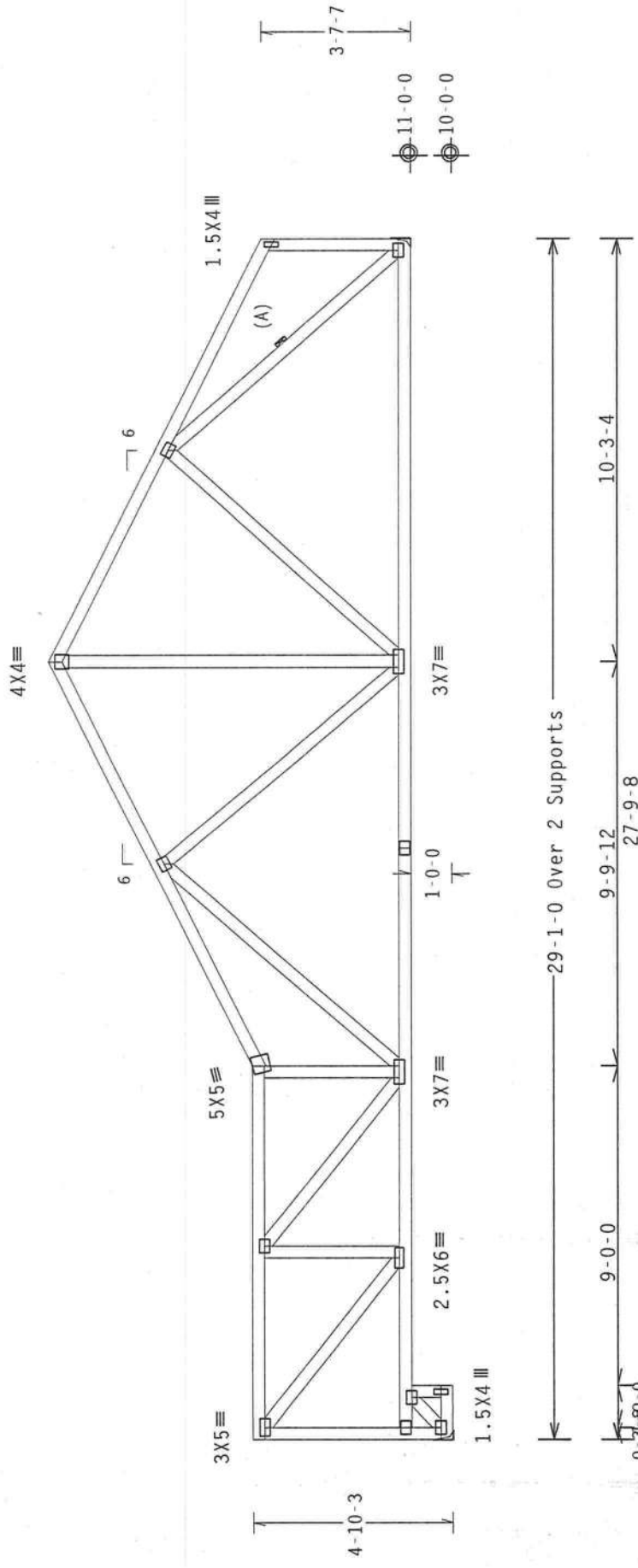
110 mph wind, 17.19 ft mean hgt., ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=2.8 psf, wind BC DL=2.2 psf.

End verticals not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

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

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



R-1163 U-389 H-Simpson HUS26
w/ (6) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder
Girder is (2)2X6 min. So.Pine
re 3X4 ExceptAs Shown.

R=1163 U=382 H=Simpson HUS26
w/ (6) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder
2X6 min. So. Pine

Note: All Plates Are 3X4 Except As Shown.

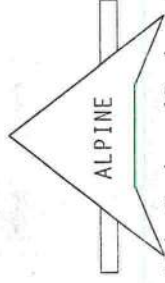
PLT TYP. Wave TPI

Design Crit: TPI-1995 (STD) / FBC

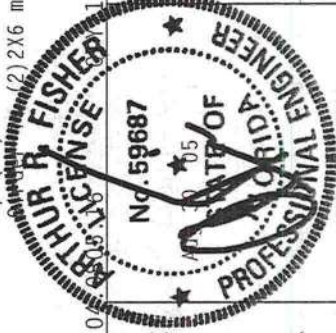
7.0

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

Scale = .25"/Ft.



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

[illegible][illegible]

TC LL	20.0	PSF	REF	R487 - -	94767
TC DL	10.0	PSF	DATE	08/30/05	
BC DL	10.0	PSF	DRW	HCUSR487	05242015
BC LL	0.0	PSF	HC-ENG	JB/AF	
TOT.LD.	40.0	PSF	SEQN	153831	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	1S02487_Z01	

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

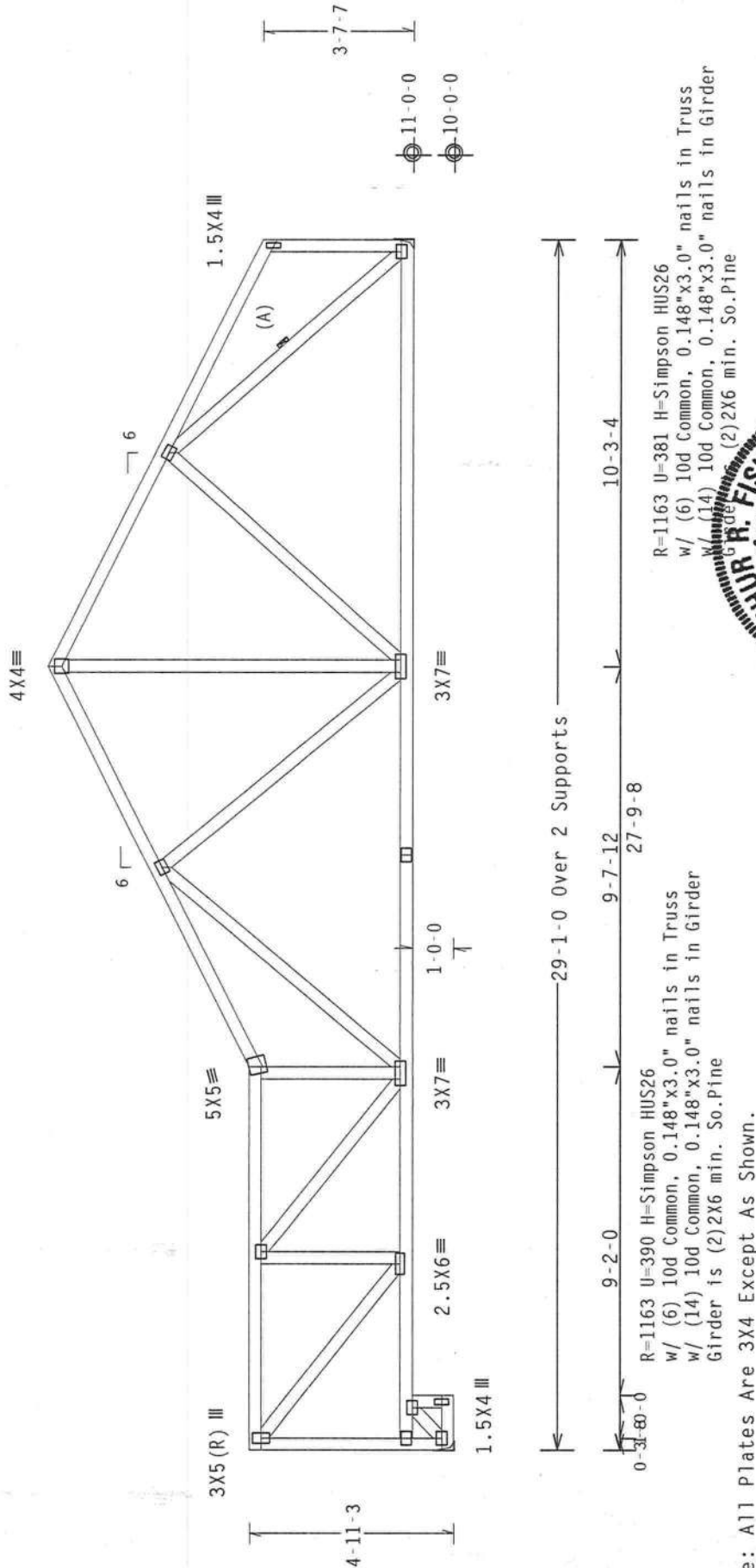
110 mph wind, 17.19 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=2.8 psf, wind BC DL=2.2 psf.

End verticals not exposed to wind pressure.

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.

(A) Continuous lateral bracing equally spaced on member.

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



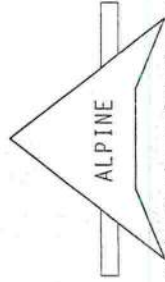
Note: All Plates Are 3X4 Except As Shown.

PLT TYP. Wave TPI

Design Crit: TPI-1995 (STD) / FBC

0.

Scale = 25"/Ft

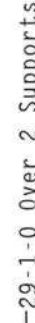
[illegible][illegible]

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

FL Certificate of Authorization # 567

TC LL	20.0	PSF	REF	R487 - -	94768
TC DL	10.0	PSF	DATE	08/30/05	
BC DL	10.0	PSF	DRW	HCUSR487	05242016
BC LL	0.0	PSF	HC-ENG	JB/AF	
TOT.LD.	40.0	PSF	SEQN-	153842	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	1SQ2487_Z01	

Haines City, FL 33844
FL Certificate of Authorization # 567



7-8	↓	14-2-4
R=1163 U=367 H-Simpson HUS26 w/ (6) 10d Common, 0.148"x3.0" nails in Truss w/ (14) 10d Common, 0.148"x3.0" nails in Girder Girder is (1)2x6 min. So.Pine		
		22-8-12

Note: All Plates Are 3X4 Except As Shown.

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.

Scale = 25"/Ft.



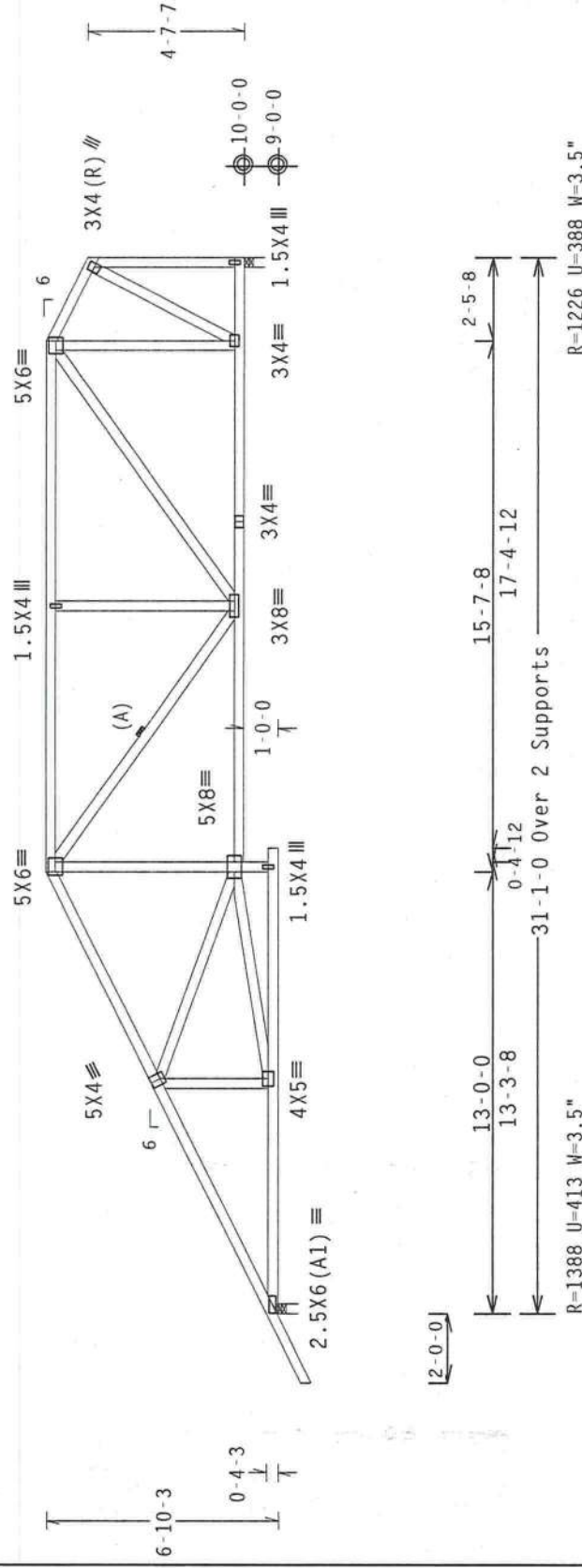
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

TC LL	20.0	PSF	REF	R487--	94771
TC DL	10.0	PSF	DATE	08/30/05	
BC DL	10.0	PSF	DRW	HCUSR487	05242019
BC LL	0.0	PSF	HC-ENG	JB/AF	
TOT.LD.	40.0	PSF	SEQN-	153878	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	1S02487_Z01	

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

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

Right end vertical not exposed to wind pressure.



Scale = .1875" / Ft.

No. 59687	TC LL	20.0 PSF	REF	R487 --	94773
	TC DL	10.0 PSF	DATE	08/30/05	

STATE OF FLORIDA PROFESSIONAL ENGINEER	BC DL	10.0 PSF	DRW	HCUSR48/	0524200
	BC LL	0.0 PSF		HC-ENG	JB/AF
	TOT.LD.	40.0 PSF		SEQN-	122720
	DUR.FAC.	1.25			
	SPACING	24.0"		DEE	502487 701

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

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

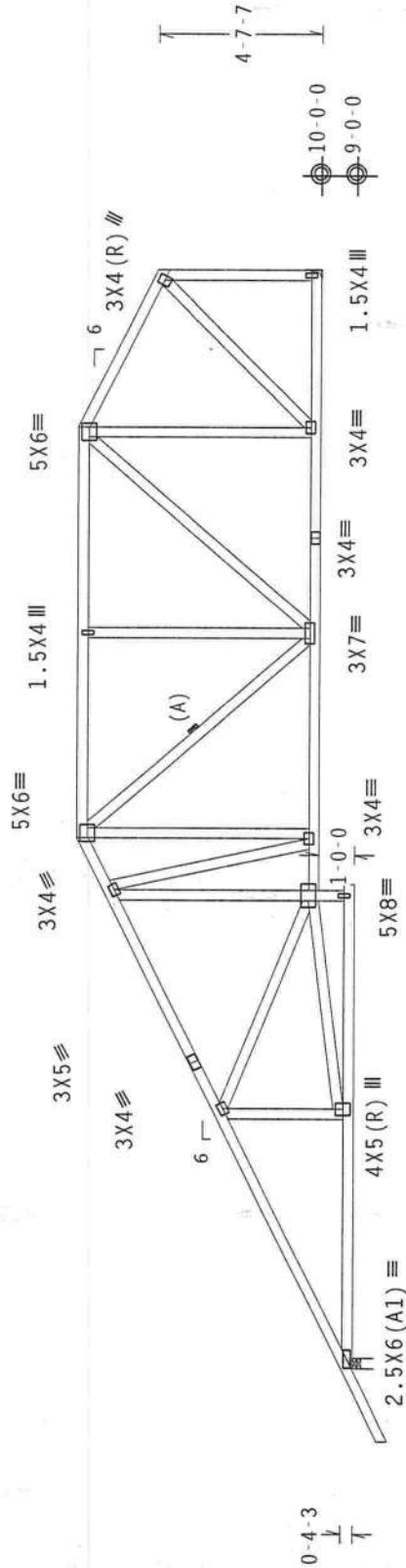
110 mph wind, 12.60 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=2.8 psf, wind BC DL=2.2 psf.

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

Right end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

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



12-0-0

15-0-0

11-7-8

4-5-8

31-1-0 Over 2 Supports

R=1388 U=412 W=3.5"

R=1226 U=386 H=Simpson HUS26
(6) 10d Common, 0.148"x3.0" nails in Truss
(4) 10d Common, 0.148"x3.0" nails in Girder
s (1)2X6 min. So.Pine

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.0

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

Scale = .1875"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 100 D'ONOFIO 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 TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AIA/PA) AND TPI. ALPINE CONNECTION PLATES ARE MADE OF 20/10/160A (W/15/75) ASTM A653 GRADE 40/60 (U. K/H/S) GALV. STEEL. APPLY PROTECTIVE COATING TO ALL EXPOSED SURFACES. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWING BY THE INSTALLATION CONTRACTOR SHALL BE FOR THE DESIGN 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.
1950 Marley Drive
Haines City, FL 33844

FL Certificate of Authorization # 567



TC LL	20.0 PSF	REF	R487 -- 94774
TC DL	10.0 PSF	DATE	08/30/05
BC DL	10.0 PSF	DRW	HCUSR487 05242021
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	40.0 PSF	SEQN	122771
DUR.FAC.	1.25		
SPACING	24.0"	JREF	1SQ2487_Z01

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

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



R=1388 U=411 W=3.5"

R-1226 U-384 H=Simpson HUS26
(6) 10d Common, 0.148"x3.0" nails in Truss
(6) 10d Common, 0.148"x3.0" nails in Girder
Simpson HUS26 (112X6 min. So.Pine

PILT TYP.: Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.

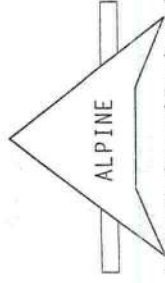
1 FL/-/3/-/-/R/-/

Scale = .1875"/Ft.

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-03 (BUILDING CODE SAFETY INFORMATION), PUBLISHED BY THE CROSS POINT INSTITUTE, 503 "O" CENTER DR., SUITE 200, MADISON, WI 53719, AND AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION) 360 MARKET STREET, MADISON, WI 53703, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED TIGHT CHAILL.

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

DESIGN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.
PRESSION CONDITIONS WITH APPLICABLE PROVISIONS OF MOD (NATIONAL DESIGN SPEC.) BY AREA) AND THE TYPE
PLATES TO EACH FACE OF THISS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2.
ANY APPLICATION OF PLATE, FOLLOWED BY (1) SHALL BE PER PART 4 OF TPI-2002 SEC. 3.
BRACING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT
BUILDING DESIGNED PER AWS D1.1, SEC. 3 USE OF THIS DOCUMENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE
INSTALLER.



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Haines City, FL 33844
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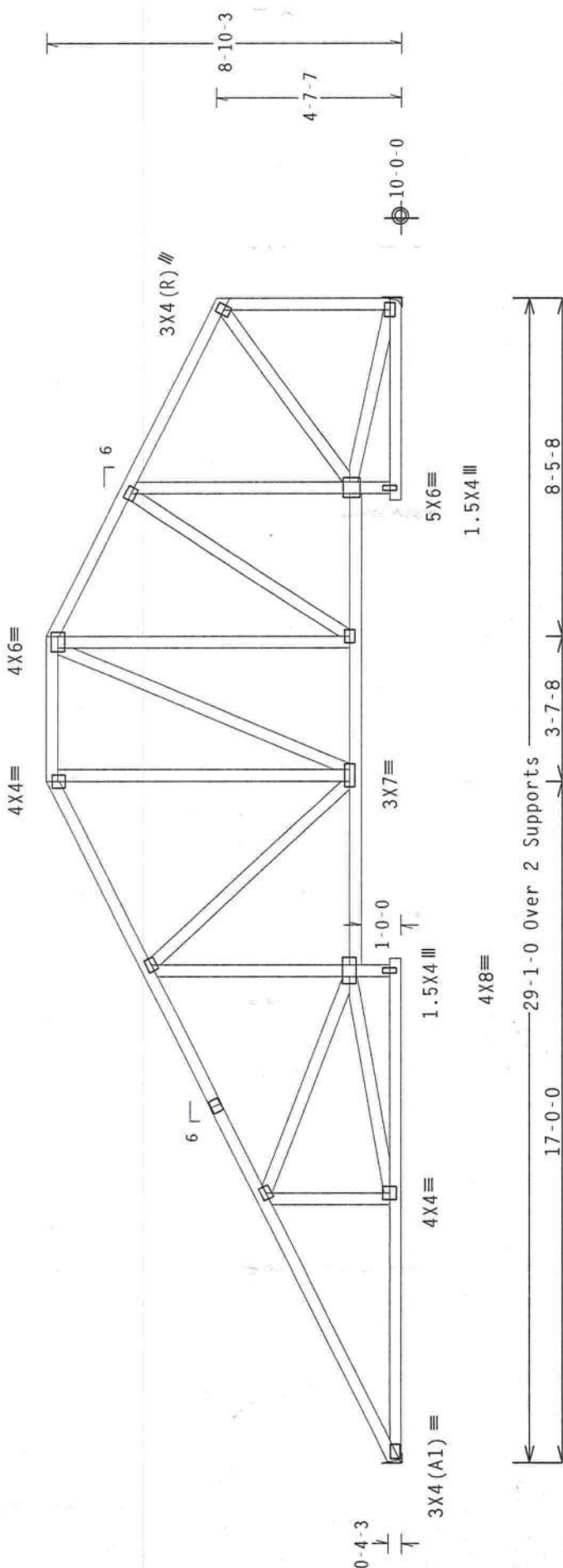
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TC DL	10.0 PSF	DATE	08/30/05
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BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	40.0 PSF	SEQN -	122920
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1S02487_Z01

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

110 mph wind, 14.60 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=2.8 psf, wind BC DL=2.2 psf.

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

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



R=1173 U=344 H=Simpson HUS26
w/ (4) 16d, 0.162"x2.5" nails in Truss
w/ (14) 16d, 0.162"x2.5" nails in Girder
Girder is (1)2X6 min. So.Pine

R=1153 U=358 H=Simpson HUS26
w/ (6) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder
is (1)2X6 min. So.Pine

Note: All Plates Are 3X4 Except As Shown.

PLT TYP: Wave TPI

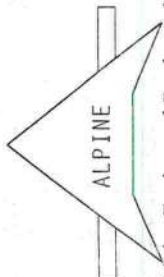
Design Crit: TPI-1995(STD)/FBC

7.04

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

WARNING—THUSSES EXPOSED IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING REFER TO BESS 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 CROSSLAKE DRIVE, SUITE 200, MADISON, WI 53719) AND WCA (WOOD PRESIDENTS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., SUITE 200, MADISON, WI 53719) PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, ALL TOP CHORD SMALLS HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT-We furnish a copy of this design to the installation contractor. Alpine Engineers & Constructors, Inc., shall not be responsible for any deviation from this design. Any failure to build the trusses in compliance with TPI or fabricating, handling, shipping, installing & bracing of trusses. Trusses in compliance with TPI-10/16/16GA (W/2X6) ASTM A575M 40/50 (F/36) GALT STEEL CONNECTION PLATES ARE MADE OF 2010/16/16GA (W/2X6) ASTM A575M 40/50 (F/36) GALT STEEL PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF TPI1-2002 SEC.2, (2) OPERATING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF THIS DESIGN. (3) THIS CONTRACT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEX 1.1 SEC.2.



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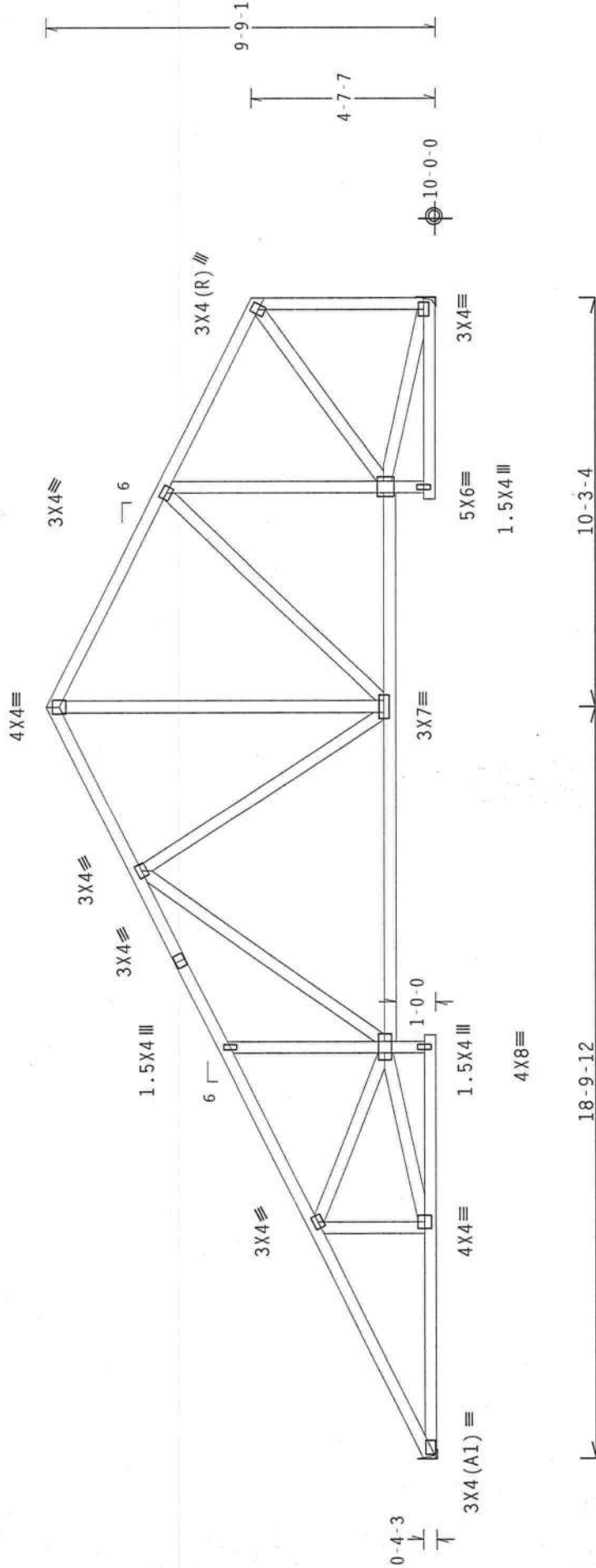
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BC DL	10.0 PSF	DRW	HCUSR487	05242024
BC LL	0.0 PSF	HC-ENG	JB/AF	
TOT.LD.	40.0 PSF	SEQN -	153783	
DUR.FAC.	1.25			
SPACING	24.0"	JREF -	1SQ2487_Z01	

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

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

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

110 mph wind, 15.05 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=2.8 psf, wind BC DL=2.2 psf.



R=1173 U=348 H=Simpson HUS26
w/ (4) 16d, 0.162"x2.5" nails in Truss
w/ (14) 16d, 0.162"x2.5" nails in Girder
Girder is (1)2X6 min. So.Pine

R=1153 U=362 H=Simpson HUS26
w/ (6) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So.Pine

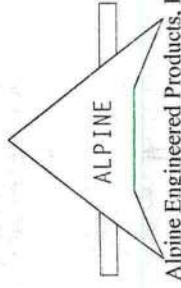
PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

Scale = .25"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 583 DOWFIELD DR., SUITE 200, FORTSON, GA 30026, FOR TRUSS CONNECTIONS, AND RECORD THESE CONNECTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AEP&P) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/S/P) ASTM A553 GRADE 40/50 (4, 8/H, 5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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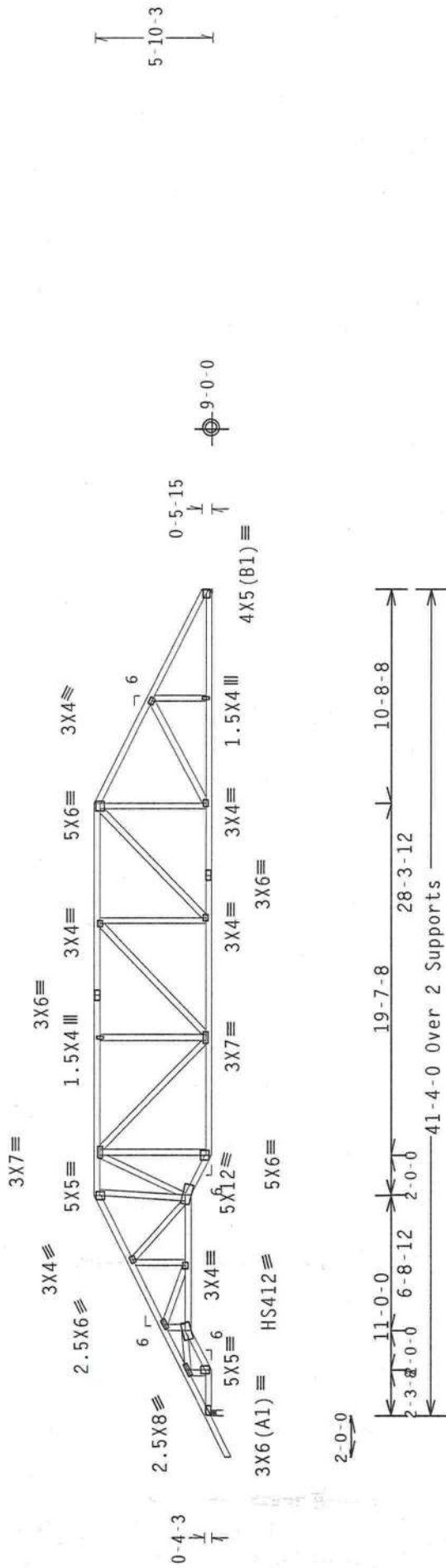
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TC DL	10.0 PSF	DATE	08/30/05
BC DL	10.0 PSF	DRW	HCUSR487 05242025
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	40.0 PSF	SEQN	153798
DUR.FAC.	1.25		
SPACING	24.0"	JREF	1S02487_Z01

	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 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=2.8 psf, wind BC DL=2.2 psf.

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

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



R=1787 U=546 W=3.5"

R=1648 U=500 H=Simpson HUS26

w/ (6) 10d common, 0.148"x3.0" nails in Truss
w/ (4) 10d common, 0.148"x3.0" nails in Girder

PLT TYP. 20 Gauge HS, Wave TPI

Design Crit: TPI-1995(STD)/FBC

7

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

Scale = .125"/Ft.

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLATION AND BRACING. REFER TO SECT 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 5683 O'GORMIR DR., SUITE 200, MADISON, WI 53719), AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6200 ENTERPRISE IN MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

ALPINE

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No 59687

Index

9/30/95

STATE OF

EXORDIUM:

191015

(5-349-DONNIE WILLIAMS/HOLLINGSWORTH - AT)

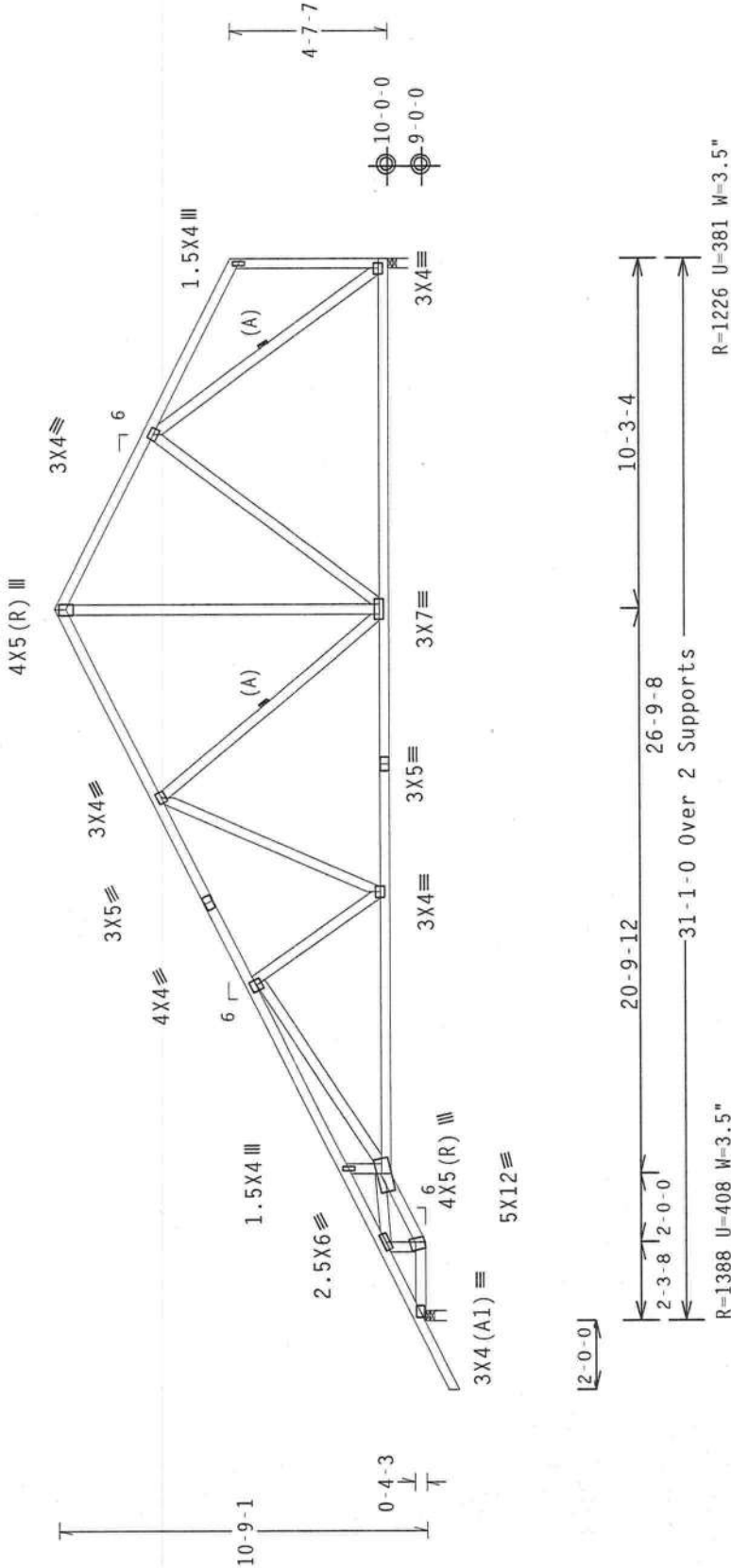
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 14.05 ft mean hgt, ASCE 7-98, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=2.8 psf, wind
BC DL=2.2 psf.

(A) Continuous lateral bracing equally spaced on member.

Right end vertical not exposed to wind pressure.

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



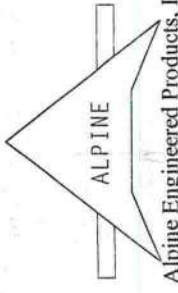
PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04

FL/-/3/-/R/-

Scale = .1875"/Ft.



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC. (AISC), FOR THE LATEST EDITION OF THIS INFORMATION. THE USER OF THIS INFORMATION SHALL BE RESPONSIBLE FOR THE PROPER APPLICATION OF THE INFORMATION TO THE PROJECT. THE USER SHALL BE RESPONSIBLE FOR THE PROPER APPLICATION OF THE INFORMATION TO THE PROJECT. THE USER SHALL BE RESPONSIBLE FOR THE PROPER APPLICATION OF THE INFORMATION TO THE PROJECT.

****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 TPI1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI1. ALPINE CONNECTOR PLATES ARE MADE OF 2018/T606 (0.015% C, 0.015% AL, 0.015% CU, 0.015% NI, 0.015% ZN, 0.015% IN, 0.015% P, 0.015% S, 0.015% SE, 0.015% SI, 0.015% TE, 0.015% TI, 0.015% V, 0.015% W, 0.015% Y, 0.015% Z, 0.015% B, 0.015% F, 0.015% G, 0.015% H, 0.015% J, 0.015% K, 0.015% L, 0.015% M, 0.015% N, 0.015% O, 0.015% P, 0.015% Q, 0.015% R, 0.015% S, 0.015% T, 0.015% U, 0.015% V, 0.015% W, 0.015% X, 0.015% Y, 0.015% Z, 0.015% AA, 0.015% AB, 0.015% AC, 0.015% AD, 0.015% AE, 0.015% AF, 0.015% AG, 0.015% AH, 0.015% AI, 0.015% AJ, 0.015% AK, 0.015% AL, 0.015% AM, 0.015% AN, 0.015% AO, 0.015% AP, 0.015% AQ, 0.015% AR, 0.015% AS, 0.015% AT, 0.015% AU, 0.015% AV, 0.015% AW, 0.015% AX, 0.015% AY, 0.015% AZ, 0.015% BA, 0.015% BB, 0.015% BC, 0.015% BD, 0.015% BE, 0.015% BF, 0.015% BG, 0.015% BH, 0.015% BI, 0.015% BJ, 0.015% BK, 0.015% BL, 0.015% BM, 0.015% BN, 0.015% BO, 0.015% BP, 0.015% BQ, 0.015% BR, 0.015% BS, 0.015% BT, 0.015% BU, 0.015% BV, 0.015% BW, 0.015% BX, 0.015% BY, 0.015% BZ, 0.015% CA, 0.015% CB, 0.015% CC, 0.015% CD, 0.015% CE, 0.015% CF, 0.015% CG, 0.015% CH, 0.015% CI, 0.015% CJ, 0.015% CK, 0.015% CL, 0.015% CM, 0.015% CN, 0.015% CO, 0.015% CP, 0.015% CQ, 0.015% CR, 0.015% CS, 0.015% CT, 0.015% CU, 0.015% CV, 0.015% CW, 0.015% CX, 0.015% CY, 0.015% CZ, 0.015% DA, 0.015% DB, 0.015% DC, 0.015% DD, 0.015% DE, 0.015% DF, 0.015% DG, 0.015% DH, 0.015% DI, 0.015% DJ, 0.015% DK, 0.015% DL, 0.015% DM, 0.015% DN, 0.015% DO, 0.015% DP, 0.015% DQ, 0.015% DR, 0.015% DS, 0.015% DT, 0.015% DU, 0.015% DV, 0.015% DW, 0.015% DX, 0.015% DY, 0.015% DZ, 0.015% EA, 0.015% EB, 0.015% EC, 0.015% ED, 0.015% EE, 0.015% EF, 0.015% EG, 0.015% EH, 0.015% EI, 0.015% EJ, 0.015% EK, 0.015% EL, 0.015% EM, 0.015% EN, 0.015% EO, 0.015% EP, 0.015% EQ, 0.015% ER, 0.015% ES, 0.015% ET, 0.015% EU, 0.015% EV, 0.015% EW, 0.015% EX, 0.015% EY, 0.015% EZ, 0.015% FA, 0.015% FB, 0.015% FC, 0.015% FD, 0.015% FE, 0.015% FF, 0.015% FG, 0.015% FH, 0.015% FI, 0.015% FJ, 0.015% FK, 0.015% FL, 0.015% FM, 0.015% FN, 0.015% FO, 0.015% FP, 0.015% FQ, 0.015% FR, 0.015% FS, 0.015% FT, 0.015% FU, 0.015% FV, 0.015% FW, 0.015% FX, 0.015% FY, 0.015% FZ, 0.015% GA, 0.015% GB, 0.015% GC, 0.015% GD, 0.015% GE, 0.015% GF, 0.015% GG, 0.015% GH, 0.015% GI, 0.015% GJ, 0.015% GK, 0.015% GL, 0.015% GM, 0.015% GN, 0.015% GO, 0.015% GP, 0.015% GQ, 0.015% GR, 0.015% GS, 0.015% GT, 0.015% GU, 0.015% GV, 0.015% GW, 0.015% GX, 0.015% GY, 0.015% GZ, 0.015% HA, 0.015% HB, 0.015% HC, 0.015% HD, 0.015% HE, 0.015% HF, 0.015% HG, 0.015% HH, 0.015% HI, 0.015% HJ, 0.015% HK, 0.015% HL, 0.015% HM, 0.015% HN, 0.015% HO, 0.015% HP, 0.015% HQ, 0.015% HR, 0.015% HS, 0.015% HT, 0.015% HU, 0.015% HV, 0.015% HW, 0.015% HX, 0.015% HY, 0.015% HZ, 0.015% IA, 0.015% IB, 0.015% IC, 0.015% ID, 0.015% IE, 0.015% IF, 0.015% IG, 0.015% IH, 0.015% II, 0.015% IJ, 0.015% IK, 0.015% IL, 0.015% IM, 0.015% IN, 0.015% IO, 0.015% IP, 0.015% IQ, 0.015% IR, 0.015% IS, 0.015% IT, 0.015% IU, 0.015% IV, 0.015% IW, 0.015% IX, 0.015% IY, 0.015% IZ, 0.015% JA, 0.015% JB, 0.015% JC, 0.015% JD, 0.015% JE, 0.015% JF, 0.015% JG, 0.015% JH, 0.015% JI, 0.015% JJ, 0.015% JK, 0.015% JL, 0.015% JM, 0.015% JN, 0.015% JO, 0.015% JP, 0.015% JQ, 0.015% JR, 0.015% JS, 0.015% JT, 0.015% JU, 0.015% JV, 0.015% JW, 0.015% JX, 0.015% JY, 0.015% JZ, 0.015% KA, 0.015% KB, 0.015% KC, 0.015% KD, 0.015% KE, 0.015% KF, 0.015% KG, 0.015% KH, 0.015% KI, 0.015% KJ, 0.015% KK, 0.015% KL, 0.015% KM, 0.015% KN, 0.015% KO, 0.015% KP, 0.015% KQ, 0.015% KR, 0.015% KS, 0.015% KT, 0.015% KU, 0.015% KV, 0.015% KW, 0.015% KX, 0.015% KY, 0.015% KZ, 0.015% LA, 0.015% LB, 0.015% LC, 0.015% LD, 0.015% LE, 0.015% LF, 0.015% LG, 0.015% LH, 0.015% LI, 0.015% LJ, 0.015% LK, 0.015% LL, 0.015% LM, 0.015% LN, 0.015% LO, 0.015% LP, 0.015% LQ, 0.015% LR, 0.015% LS, 0.015% LT, 0.015% LU, 0.015% LV, 0.015% LW, 0.015% LX, 0.015% LY, 0.015% LZ, 0.015% MA, 0.015% MB, 0.015% MC, 0.015% MD, 0.015% ME, 0.015% MF, 0.015% MG, 0.015% MH, 0.015% MI, 0.015% MJ, 0.015% MK, 0.015% ML, 0.015% MN, 0.015% MO, 0.015% MP, 0.015% MQ, 0.015% MR, 0.015% MS, 0.015% MT, 0.015% MU, 0.015% MV, 0.015% MW, 0.015% MX, 0.015% MY, 0.015% MZ, 0.015% NA, 0.015% NB, 0.015% NC, 0.015% ND, 0.015% NE, 0.015% NF, 0.015% NG, 0.015% NH, 0.015% NI, 0.015% NJ, 0.015% NK, 0.015% NL, 0.015% NM, 0.015% NO, 0.015% NP, 0.015% NQ, 0.015% NR, 0.015% NS, 0.015% NT, 0.015% NU, 0.015% NV, 0.015% NW, 0.015% NX, 0.015% NY, 0.015% NZ, 0.015% OA, 0.015% OB, 0.015% OC, 0.015% OD, 0.015% OE, 0.015% OF, 0.015% OG, 0.015% OH, 0.015% OI, 0.015% OJ, 0.015% OK, 0.015% OL, 0.015% OM, 0.015% ON, 0.015% OO, 0.015% OP, 0.015% OQ, 0.015% OR, 0.015% OS, 0.015% OT, 0.015% OU, 0.015% OV, 0.015% OW, 0.015% OX, 0.015% OY, 0.015% OZ, 0.015% PA, 0.015% PB, 0.015% PC, 0.015% PD, 0.015% PE, 0.015% PF, 0.015% PG, 0.015% PH, 0.015% PI, 0.015% PJ, 0.015% PK, 0.015% PL, 0.015% PM, 0.015% PN, 0.015% PO, 0.015% PP, 0.015% PQ, 0.015% PR, 0.015% PS, 0.015% PT, 0.015% PU, 0.015% PV, 0.015% PW, 0.015% PX, 0.015% PY, 0.015% PZ, 0.015% QA, 0.015% QB, 0.015% QC, 0.015% QD, 0.015% QE, 0.015% QF, 0.015% QG, 0.015% QH, 0.015% QI, 0.015% QJ, 0.015% QK, 0.015% QL, 0.015% QM, 0.015% QN, 0.015% QO, 0.015% QP, 0.015% QQ, 0.015% QR, 0.015% QS, 0.015% QT, 0.015% QU, 0.015% QV, 0.015% QW, 0.015% QX, 0.015% QY, 0.015% QZ, 0.015% RA, 0.015% RB, 0.015% RC, 0.015% RD, 0.015% RE, 0.015% RF, 0.015% RG, 0.015% RH, 0.015% RI, 0.015% RJ, 0.015% RK, 0.015% RL, 0.015% RM, 0.015% RN, 0.015% RO, 0.015% RP, 0.015% RQ, 0.015% RR, 0.015% RS, 0.015% RT, 0.015% RU, 0.015% RV, 0.015% RW, 0.015% RX, 0.015% RY, 0.015% RZ, 0.015% SA, 0.015% SB, 0.015% SC, 0.015% SD, 0.015% SE, 0.015% SF, 0.015% SG, 0.015% SH, 0.015% SI, 0.015% SJ, 0.015% SK, 0.015% SL, 0.015% SM, 0.015% SN, 0.015% SO, 0.015% SP, 0.015% SQ, 0.015% SR, 0.015% SS, 0.015% ST, 0.015% SU, 0.015% SV, 0.015% SW, 0.015% SX, 0.015% SY, 0.015% SZ, 0.015% TA, 0.015% TB, 0.015% TC, 0.015% TD, 0.015% TE, 0.015% TF, 0.015% TG, 0.015% TH, 0.015% TI, 0.015% TJ, 0.015% TK, 0.015% TL, 0.015% TM, 0.015% TN, 0.015% TO, 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0.015% XK, 0.015% XL, 0.015% XM, 0.015% XN, 0.015% XO, 0.015% XP, 0.015% XQ, 0.015% XR, 0.015% XS, 0.015% XT, 0.015% XU, 0.015% XV, 0.015% XW, 0.015% XX, 0.015% XY, 0.015% XZ, 0.015% YA, 0.015% YB, 0.015% YC, 0.015% YD, 0.015% YE, 0.015% YF, 0.015% YG, 0.015% YH, 0.015% YI, 0.015% YJ, 0.015% YK, 0.015% YL, 0.015% YM, 0.015% YN, 0.015% YO, 0.015% YP, 0.015% YQ, 0.015% YR, 0.015% YS, 0.015% YT, 0.015% YU, 0.015% YV, 0.015% YW, 0.015% YX, 0.015% YZ, 0.015% ZA, 0.015% ZB, 0.015% ZC, 0.015% ZD, 0.015% ZE, 0.015% ZF, 0.015% ZG, 0.015% ZH, 0.015% ZI, 0.015% ZJ, 0.015% ZK, 0.015% ZL, 0.015% ZM, 0.015% ZN, 0.015% ZO, 0.015% ZP, 0.015% ZQ, 0.015% ZR, 0.015% ZS, 0.015% ZT, 0.015% ZU, 0.015% ZV, 0.015% ZW, 0.015% ZX, 0.015% ZY, 0.015% ZZ.

FL Certificate of Authorization # 567

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

110 mph wind, 13.54 ft mean hgt., ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, Exp B, wind TC DL=2.8 psf, wind BC DL=2.2 psf.

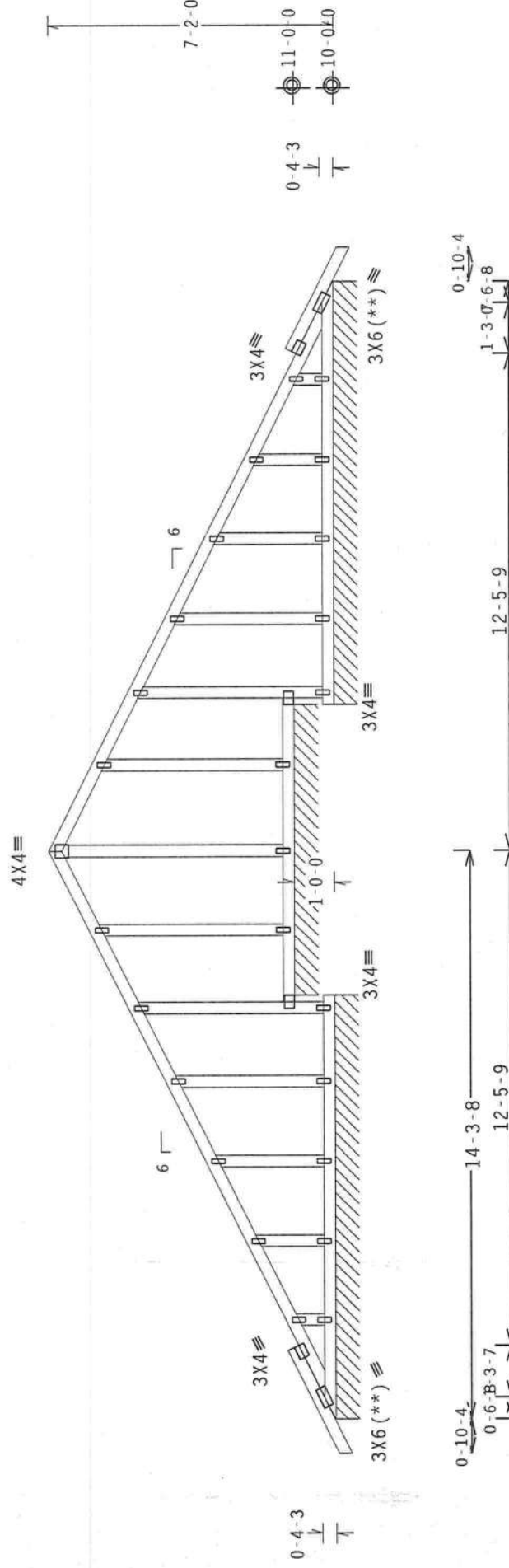
See DWGS A11015EC1103 & GBULLETIN0405 for more requirements.

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

SPECIAL LOADS

SPECIAL LOADS		DUR. FAC. = 1.25 / PLATE DUR. FAC. = 1.25	
----- (LUMBER)			
TC	From	81 PLF at -0.85 to	81 PLF at 29.44
BC	From	4 PLF at -0.85 to	4 PLF at 0.00
BC	From	20 PLF at 0.00 to	20 PLF at 28.58
BC	From	4 PLF at 28.58 to	4 PLF at 29.44

(**) Plate relocated as shown.



-28-7-0 Over 3 Supports

R=113 PLF U=36 PLF W=10-7-12

R=91 PLF U=29 PLF W=7-3-8

Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.944-080510 1 FL/-/3/-/-/R/-

Scale = .25" / Ft.

*WARNING** ROSSSES REQUIRE EXTREME CARE IN ERECTION. HANDING, SHIPPING, INSTALLING AND BRACING MUST BE DONE IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. THIS PRODUCT IS NOT TO BE USED IN ANY MANNER NOT AUTHORIZED BY THE MANUFACTURER. PUBLISHED BY THE TRUSS COMPANY, INC., 1000 W. WILSON AVENUE, SUITE 200, MADISON, WI 53719. THE TRUSS COMPANY, INC. TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE DRIVE, SUITE 100, WILSONVILLE, NC 28095. FOR MORE INFORMATION, CONTACT THE TRUSS COMPANY, INC. OR THE TRUSS COUNCIL OF AMERICA. UNLESS OTHERWISE INDICATED IN THE INSTRUCTIONS, ALL DIMENSIONS ARE IN INCHES. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED TOP CEILING.



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

*** IMPORTANT *** YOUR SIGNATURE IS A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERS
THESS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE
TRESS IN CONFORMANCE WITH THIS OR FABRICATING, HANDLING, SPECIFYING, INSTALLING & BRACING OF TRESS.
THESS IN CONFORMANCE WITH THE PROVISIONS OF MOD (NATIONAL DESIGN SPEC. BY AISC) AND THE
DESIGNER'S COMMENTS ON THE DRAWINGS. THESS SHALL BE RESPONSIBLE FOR THE DESIGN OF THE
TRESS 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 ABX 43 OF TPI-2002 SEC.3.
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRESS COMPONENT
OF THIS DESIGN. THESS HAS NO RESPONSIBILITY FOR THE DESIGN OF THE BUILDING OR THE RESPONSIBILITY OF THE
BUILDING DESIGNER PER ABX 4311 SEC. 3.



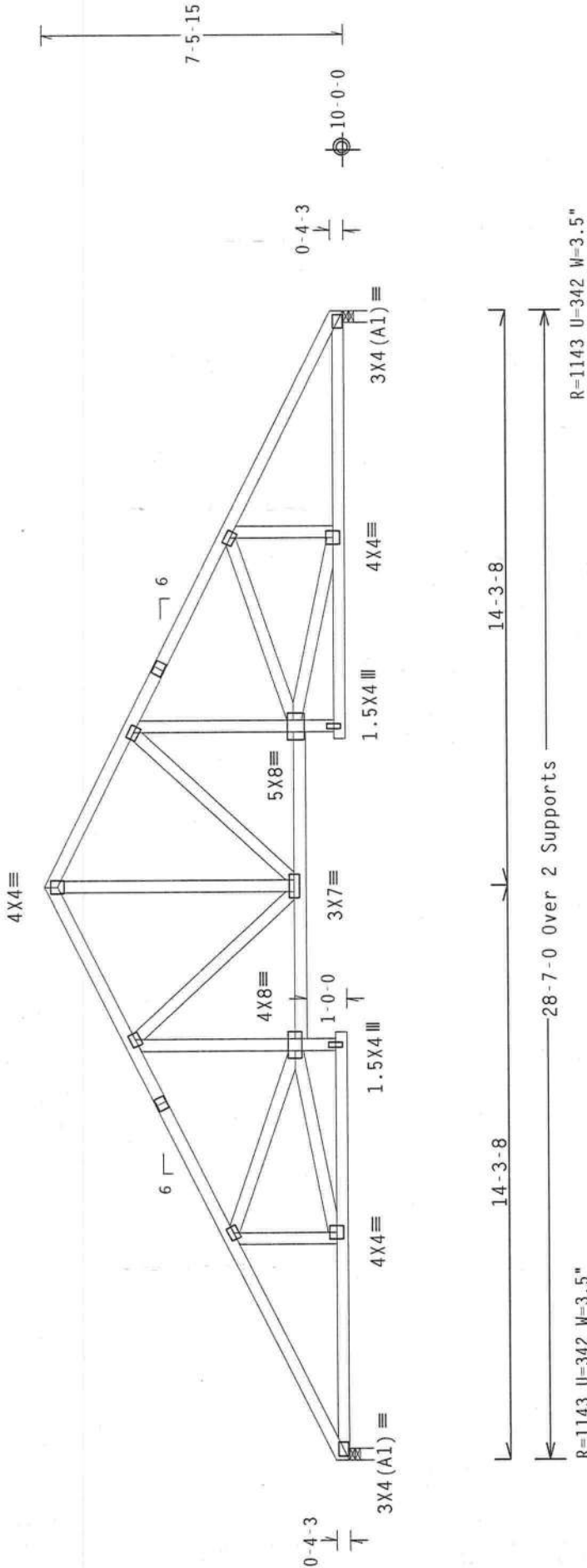
TC LL	20.0 PSF	REF R487 - - 94785
TC DL	10.0 PSF	DATE 08/30/05
BC DL	10.0 PSF	DRW HCUSR487 05242031
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	40.0 PSF	SEQN- 122657
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1502487_Z01

(5-349-DONNIE WILLIAMS/HOLLINGSWORTH - B)

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, 13.92 ft mean ht, ASCE 7-98, CLOSED bldg, Located
anywhere in roof, CAT II, EXP B, wind TC DL=2.8 psf, wind BC DL=2.2
psf.



Note: All Plates Are 3x4 Except As Shown.

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.0

FL/-3/-/-R/-

Scale = .25"/Ft.



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC61 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 O'CONNOR DR., SUITE 200, MADISON, WI 53719) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE 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 FAILURE TO BUILD THE TRUSS TO THE DESIGN SPECIFICATIONS. THE DESIGNER SHALL BE RESPONSIBLE FOR THE TRUSS BEING BUILT TO THE DESIGN SPECIFICATIONS. THE DESIGNER SHALL BE RESPONSIBLE FOR THE TRUSS BEING BUILT TO THE DESIGN SPECIFICATIONS. THE DESIGNER SHALL BE RESPONSIBLE FOR THE TRUSS BEING BUILT TO THE DESIGN SPECIFICATIONS.



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

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

REF	R487--	94786
DATE	08/30/05	
DRW	HCUSR487	05242003
HC-ENG	JB/AF	*
SEQN	122667	
JREF	1S02487_Z01	

Top chord 2x4 SP #2 Dense
Bot chord 2x8 SP #5
Webs 2x4 SP #3 :W4, W11 2x6 SP #1 Dense:
:W5, W8, W12 2x6 SP #2: :W6, W10 2x4 SP #2 Dense:
:Lt Wedge 2x4 SP #3: :Rt Wedge 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 28.58
BC - From 20 PLF at 0.00 to 20 PLF at 28.58
PLB- 1226 LB Conc. Load at (2.02, 10.04)
PLB- 1226 LB Conc. Load at (4.02, 10.04)
PLB- 1153 LB Conc. Load at (6.02, 10.04)
PLB- 1153 LB Conc. Load at (8.02, 10.04)
PLB- 1163 LB Conc. Load at (10.02, 10.04)
PLB- 1163 LB Conc. Load at (12.02, 11.04)
PLB- 1163 LB Conc. Load at (12.56, 11.04)
PLB- 1163 LB Conc. Load at (14.56, 11.04)
PLB- 1163 LB Conc. Load at (16.56, 11.04)
PLB- 1163 LB Conc. Load at (18.56, 10.04)
PLB- 1163 LB Conc. Load at (20.56, 10.04)
PLB- 1153 LB Conc. Load at (22.56, 10.04)
PLB- 1153 LB Conc. Load at (24.56, 10.04)
PLB- 1227 LB Conc. Load at (26.56, 10.04)

2 COMPLETE TRUSSES REQUIRED

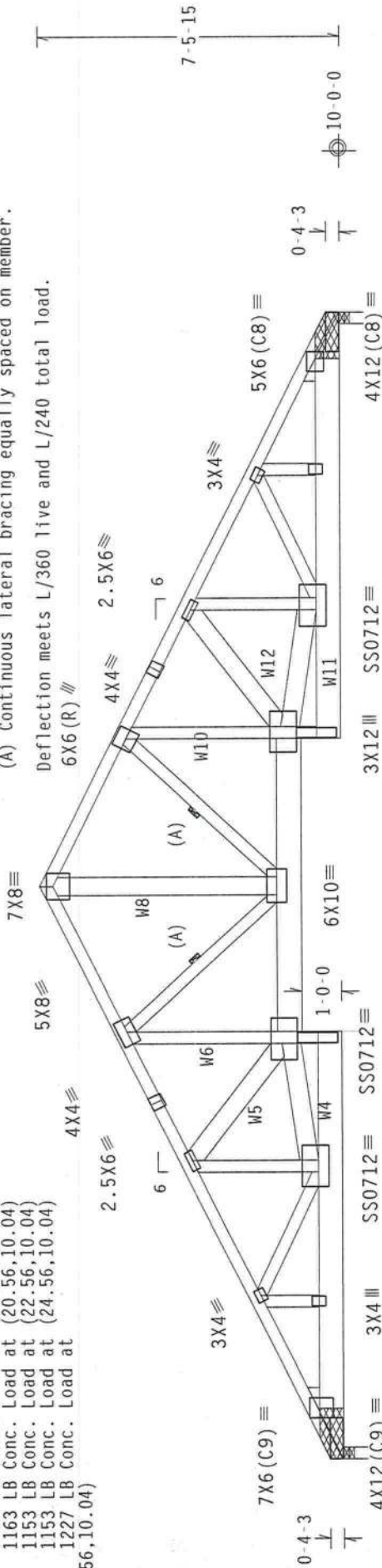
MAILING SCHEDULE: (10d common nails)
TOP CHORD: 1 ROW @ 12" O.C.
BOT CHORD: 1 ROW @ 12" O.C.
WEBS : 1 ROW @ 4" O.C.
USE EQUAL SPACING BETWEEN ROWS AND STAGGER NAILS
IN EACH ROW TO AVOID SPLITTING.

Bearing blocks: Nail type: 10d common nails
BRG X-LOC #BLOCKS LENGTH/BLK #NAILS/BLK WALL PLATE
1 0.000' 2 15" 16 Match Truss
2 28.292' 2 14" 15 Match Truss
Bearing block to be same size and species as bottom chord.
Refer to drawing CNBRGK0503 for additional information.

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, Located
anywhere in roof, CAT II, EXP B, wind TC DL=2.8 psf, wind BC DL=2.2
psf.

(A) Continuous lateral bracing equally spaced on member.

Deflection meets L/360 live and L/240 total load.
6X6 (R) //



14-3-8 10-7-12 7-3-8 14-3-8 10-7-12
28-7-0 Over 2 Supports
R=9446 U=3036 W=3.5"
R=9276 U=3322 W=3.5"

PLT TYP. 18 Gauge HS.Wave TPI

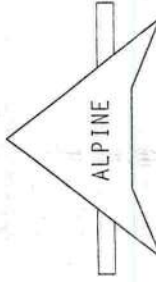
Design Crit: TPI-1995(STD)/FBC

7.0

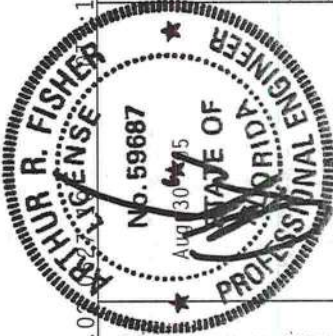
Scale = .25" / Ft.

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

***IMPORTANT** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.
PRODUCTS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION OF THE TRUSSES.
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/ASCE), ALPINE
CONTRACTOR PLATES ARE MADE OF 20/10/16GA (H/M/S/P) ASTM A653 GRADE 40/60 (W, K/H/S) GALV. STEEL. APPLY
PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2.
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS
DESIGN SHOWN. THE SUFFICIENCY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE
BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



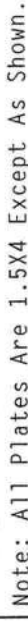
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567



TC LL	20.0 PSF	REF R487-- 94787
TC DL	10.0 PSF	DATE 08/30/05
BC DL	10.0 PSF	DRW HCUSR487 05242032
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	40.0 PSF	SEQN- 110897 REV
DUR.FAC.	1.25	JREF- 1S02487_Z01
SPACING	24.0"	

See DWGS A11015EC1103 & GBLETTIN0405 for more requirements.
Deflection meets L/360 live and L/240 total load.

(**) Plate relocated as shown.



7.

TC LL	20.0 PSF	REF	R487 - -	94788
TC DL	10.0 PSF	DATE	08/30/05	
BC DL	10.0 PSF	DRW	HCUSR487	05242033
BC LL	0.0 PSF	HC-ENG	JB/AF	
TOT.LD.	40.0 PSF	SEQN-	122625	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1SQ2487_Z01	



ALPINE

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

* **IMPORTANT:** * FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERS
STRUCTURES, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE
TRUSS IN CONFORMANCE WITH TP12 OR FABRICATING, HANDLING, SHIPPING, INSTALLING OR BRACING TO MEET THE
DESIGNATION REQUIREMENTS WITHIN THE SPECIFIED TIME FRAME OF 20/10/1604, 16/03/05, ASTM A553 4060, 40/60, 6/10-5, GALV., STEEL, APPLY
PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1604-2, 2
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER A553 4060, 40/60, 6/10-5, GALV., STEEL, THIS
DRAWING INDICATES ACCEPTABILITY AND USE OF THIS COMPONENT FOR THE TRUSS SHALL BE THE RESPONSIBILITY OF THE
BUILDING DESIGNER. PER A553/TP12 SEC. 2.

FL Certificate of Authorization # 567

Top chord 2x4 SP #2 Dense
Bot chord 2x6 SP #1 Dense
Webs 2x4 SP #3 :W5 2x4 SP #2 Dense:

SPECIAL LOADS

-----LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 60 PLF at -0.04 to 60 PLF at 20.29
BC - From 20 PLF at 0.00 to 20 PLF at 20.29
BC - 1173 LB Conc. Load at 0.69, 2.69, 17.23, 19.23
BC - 1163 LB Conc. Load at 4.69, 6.69, 7.23, 9.23, 11.23
13.23, 15.23

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=2.8 psf, wind
BC DL=2.2 psf.

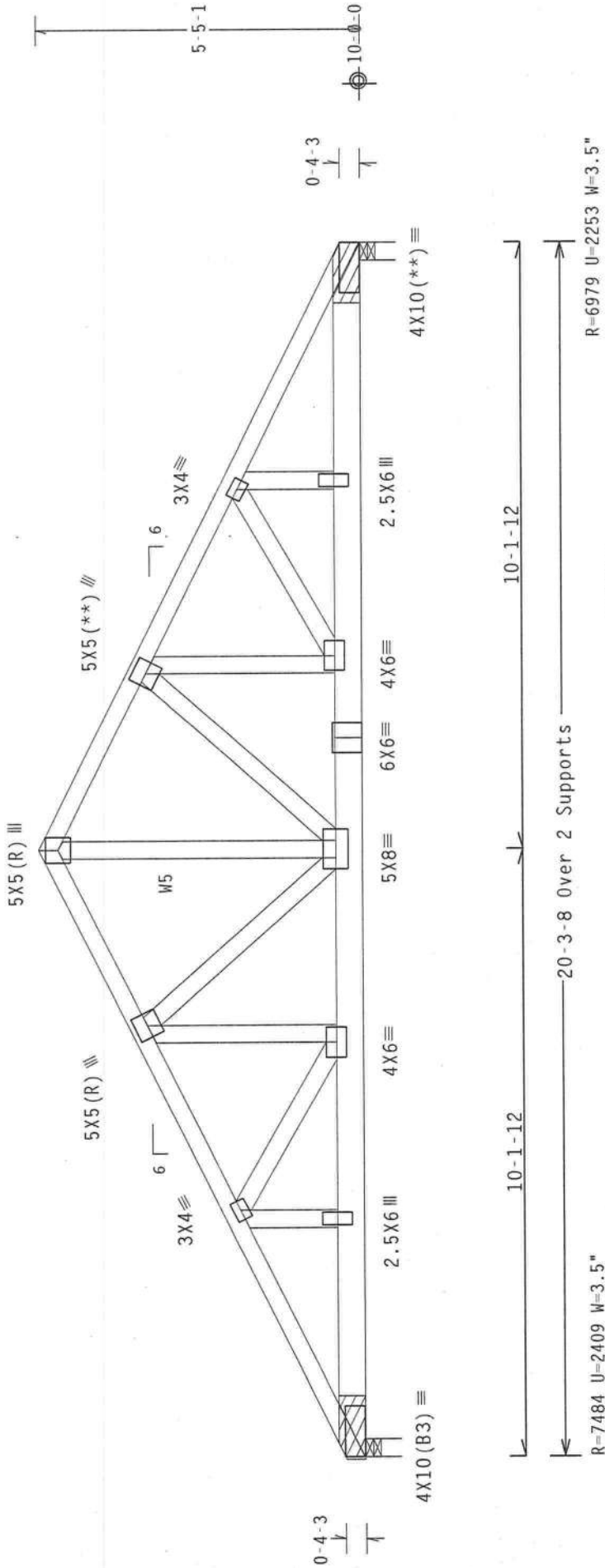
(**) Plate relocated as shown.

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (10d Common (0.148"x3", min.) nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 2 Rows @ 5.00" o.c. (Each Row)
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails
in each row to avoid splitting.

Bearing blocks: Nail type: 10d Common (0.148"x3", min.) nails
BRG X-LOC #BLOCKS LENGTH/BLK #NAILS/BLK WALL PLATE
1 0.000' 1 12" 5 Match Truss
2 20.000' 1 12" 4 Match Truss
Bearing block to be same size and species as bottom chord.
Refer to drawing CNRBGLK1103 for additional information.

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



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

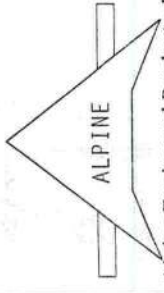
7.0

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

Scale =.375"/Ft.

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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR THE DESIGN OR CONSTRUCTION OF THE TRUSS OR FOR ANY FAILURE TO BUILD THE TRUSS IN ACCORDANCE WITH THE DESIGN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, 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 20/10/100A (0.1/0.5/3) ASTM A653 GRADE 40/60 (0.4/0.5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSSES AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ABLEX 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
FL Certificate of Authorization # 567



TC LL	20.0 PSF	REF	R487 - -	94790
TC DL	10.0 PSF	DATE	08/30/05	
BC DL	10.0 PSF	DRW	HCUSR487	05242034
BC LL	0.0 PSF	HC-ENG	JB/AF	
TOT.LD.	40.0 PSF	SEON	153896	
DUR.FAC.	1.25			
SPACING	24.0"	JREF	1S02487_Z01	

(5-349-DONNIE WILLIAMS/HO					
Top	chord	2x4	SP	#2	Dense
Bot	chord	2x4	SP	#2	Dense
		webs	2x4	SP	#3

110 mph wind, 11.35 ft mean hot, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=2.8 psf, wind BC DL=2.2 psf.

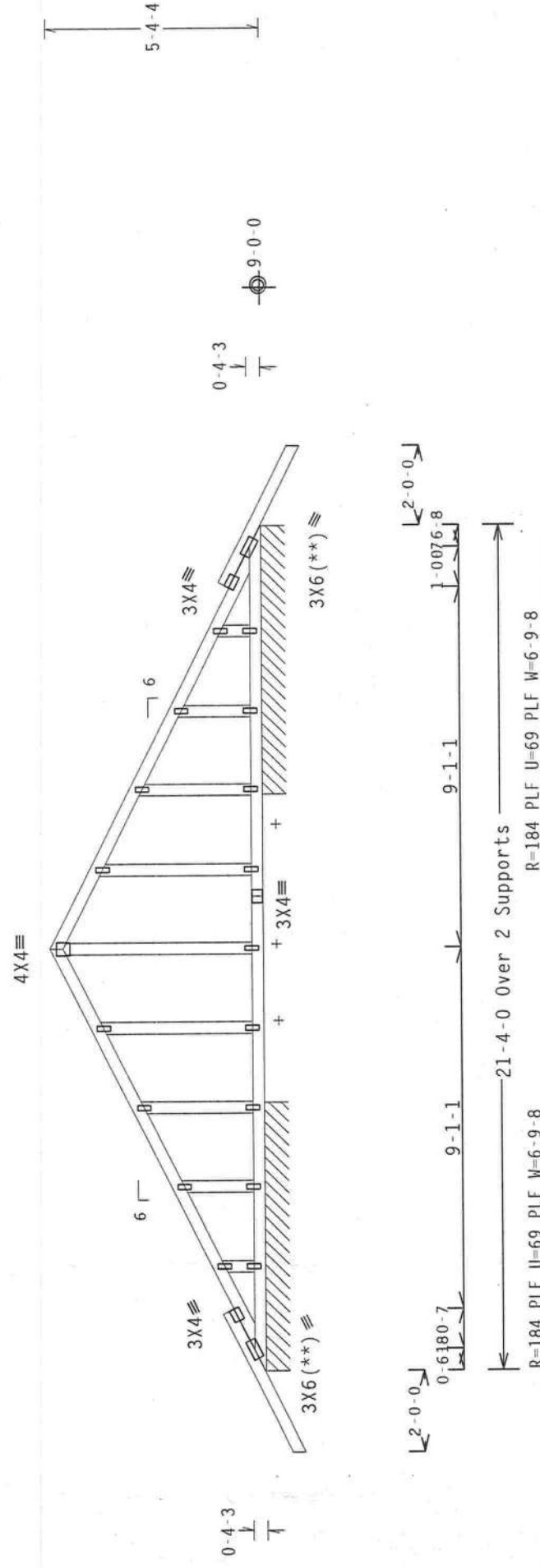
See DWGS A11015EC1103 & GBLLETIN0405 for more requirements.

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

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

(**) Plate relocated as shown.

+ MEMBER TO BE Laterally Braced for Horizontal Wind Loads.
Bracing System to be Designed and Furnished by Others.



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 = .25"/Ft.
 ALPINE Alpine Engineered Products, Inc. 1950 Manley Drive Haines City, FL 33844	**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 0'DONOFRIO 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.		TC LL 20.0 PSF	REF R487 -- 94791
			TC DL 10.0 PSF	DATE 08/30/05
			BC DL 10.0 PSF	DRW HCUSR487 05242035
			BC LL 0.0 PSF	HC-ENG JB/AF
			TOT.LD. 40.0 PSF	SEQN- 122640
			DUR.FAC. 1.25	
		SPACING 24.0"	JREF- 1SQ2487_Z01	

TC LL	20.0	PSF	REF R487 -- 94792
TC DL	10.0	PSF	DATE 08/30/05
BC DL	10.0	PSF	DRW HCUSR487 05242005
BC LL	0.0	PSF	HC-ENG JB/AF
TOT.LD.	40.0	PSF	SEQN- 122648
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1S02487 701

Top chord 2x4 SP #2 Dense
Bot chord 2x8 SP SS
Webs 2x4 SP #3 :W7 2x4 SP #2 Dense:
:Lt Wedge 2x4 SP #3:Rt Wedge 2x4 SP #3:

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 60 PLF at -2.00 to 60 PLF at 23.33
BC - From 4 PLF at -2.00 to 4 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 21.33
BC - From 4 PLF at 21.33 to 4 PLF at 23.33
BC - 1648 LB Conc. Load at 2.27, 4.27, 6.27, 8.27, 10.27
BC - 4311 LB Conc. Load at 12.21

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

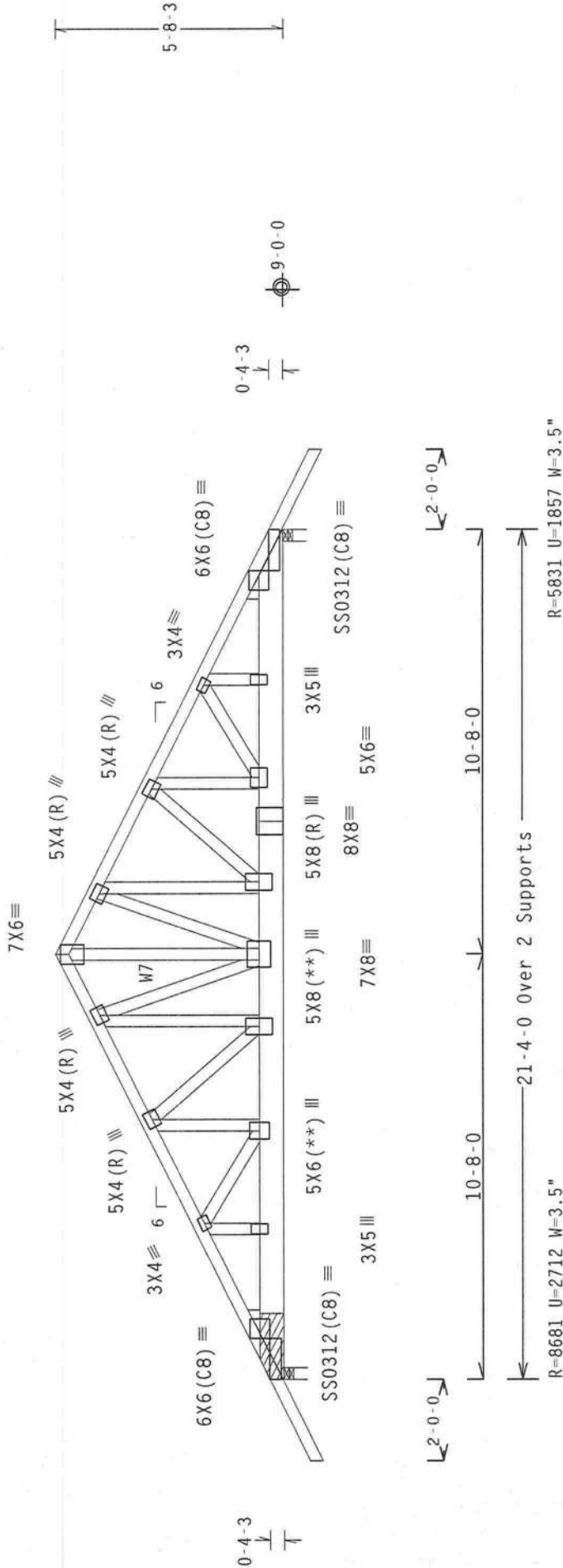
(**) Plate relocated as shown.

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (10d Common (0.148"x3",_min.)_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 2 Rows @ 5.50" o.c. (Each Row)
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails
in each row to avoid splitting.

Bearing blocks: Nail type: 10d Common (0.148"x3",_min.)_nails
BRG X-LOC #BLOCKS LENGTH/BLK #NAILS/BLK WALL PLATE
1 0.000' 1 20" 24 Match Truss
Refer to drawing CNRBGLK1103 for additional information.

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located
within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=2.8 psf, wind
BC DL=2.2 psf.



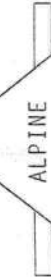
PLT TYP. 18 Gauge HS, Wave TPI

Design Crit: TPI-1995 (STD) /FBC

7.0

Scale = .25" /Ft.

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



Alpine Engineered Products, Inc.
1950 N. Highway 10
Haines City, FL 33844

Fl. Certificate of Authorization # 567



IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH TPI-1995 (STD) OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&P) AND TPI. CONNECTOR PLATES ARE MADE OF 2010/160A (0.41/5/3) ASTM A653 GRADE 40/60 (4, 8/16-5) GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMEX 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 AOSI/TPI 1 SEC. 2.

TC LL	20.0 PSF	REF	R487--	94793
TC DL	10.0 PSF	DATE	08/30/05	
BC DL	10.0 PSF	DRW	HCUSR487	05242036
BC LL	0.0 PSF	HC-ENG	JB/AF	
TOT.LD.	40.0 PSF	SEQN-	122839	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1S02487_Z01	

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

SPECIAL LOADS

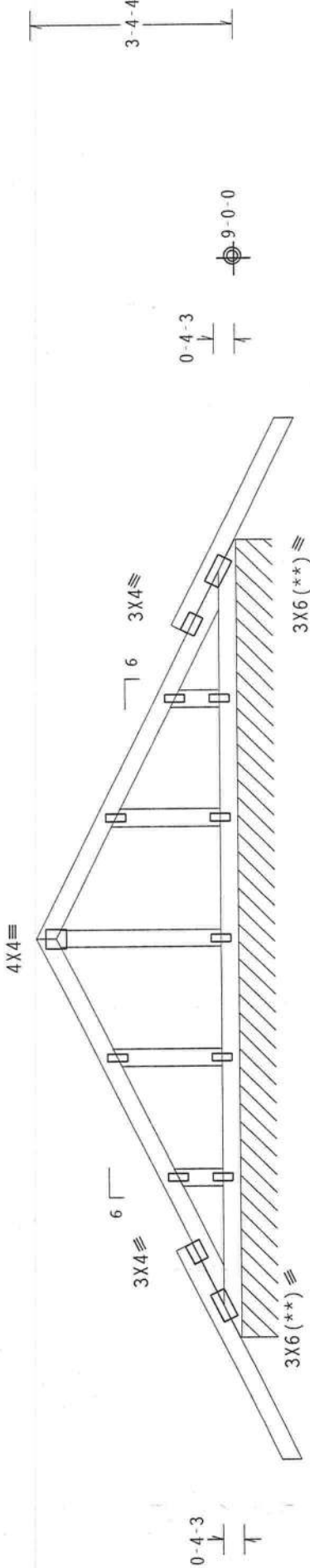
----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 81 PLF at -2.00 to 81 PLF at 15.33
BC - From 4 PLF at -2.00 to 4 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 13.33
BC - From 4 PLF at 13.33 to 4 PLF at 15.33

(**) Plate relocated as shown.

110 mph wind, 10.35 ft mean ht., ASCE 7-98, CLOSED bldg. Located
anywhere in roof, CAT II, EXP B, wind TC DL=2.8 psf, wind BC DL=2.2
psf.

See DWGS A11015EC1103 & GBLLETIN0405 for more requirements.

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



Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.0

Scale = .375"/Ft.

TC LL	20.0 PSF	FL/-3/-/-/R/-	REF R487-- 94794
TC DL	10.0 PSF		DATE 08/30/05
BC DL	10.0 PSF		DRW HCUSR487 05242037
BC LL	0.0 PSF		HC-ENG JB/AF
TOT.LD.	40.0 PSF		SEQN- 122613
DUR.FAC.	1.25		JREF- 1SQ2487_Z01
SPACING	24.0"		



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1950 Marley Drive
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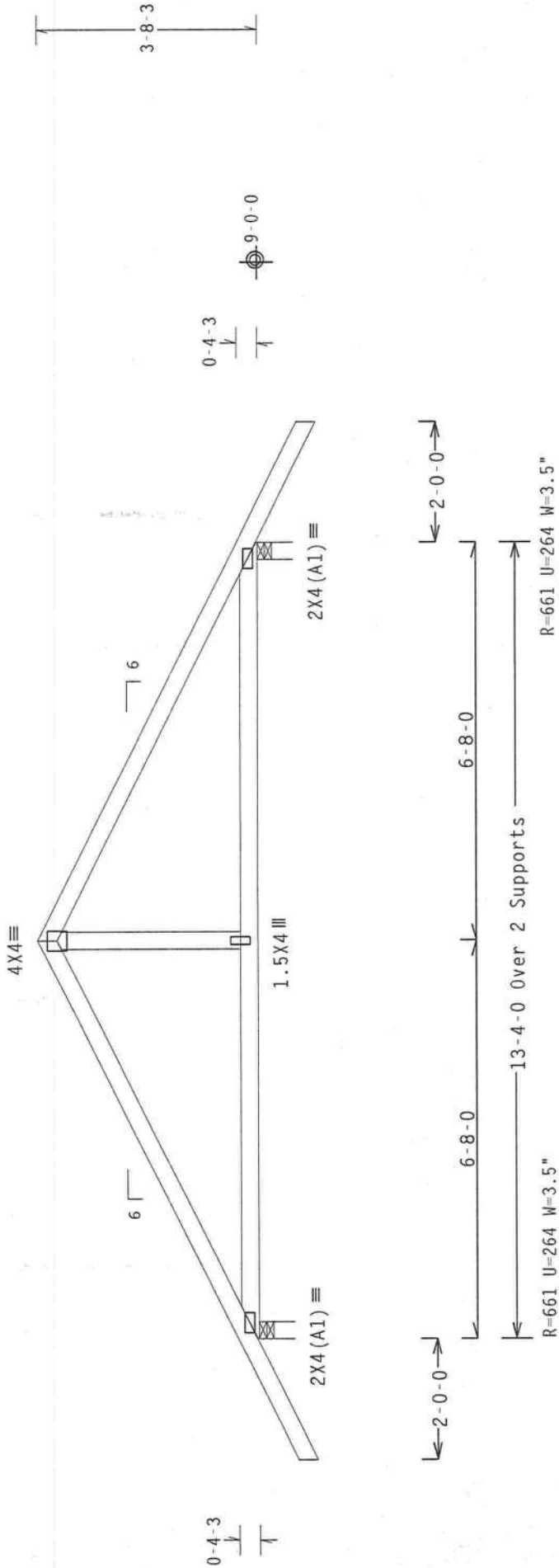
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 983 O'CONNOR DR., SUITE 200, MADISON, WI 53719) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE 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 THE DESIGN OR FOR ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE PROVISIONS OF THIS NATIONAL DESIGN SPEC. BY ATRPA) AND TPI. DESIGN CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROVISIONS OF THIS NATIONAL DESIGN SPEC. BY ATRPA) AND TPI. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR THE PROVISIONS OF THIS NATIONAL DESIGN SPEC. BY ATRPA) AND TPI. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

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

110 mph wind, 10.51 ft mean hgt, ASCE 7-98, CLOSED bldg. Located
anywhere in roof, CAT II, EXP B, wind TC DL=2.8 psf, wind BC DL=2.2
psf.



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.0

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

Scale = .375" / Ft.

TC LL	20.0 PSF	REF	R487 -- 94795
TC DL	10.0 PSF	DATE	08/30/05
BC DL	10.0 PSF	DRW	HCUSR487 05242006
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	40.0 PSF	SEQN	122617
DUR.FAC.	1.25		
SPACING	24.0"	JREF	1502487_Z01

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

****IMPORTANT**** FURNISH 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 FBC11-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ORFORD DR., SUITE 200, MADISON, WI 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.



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

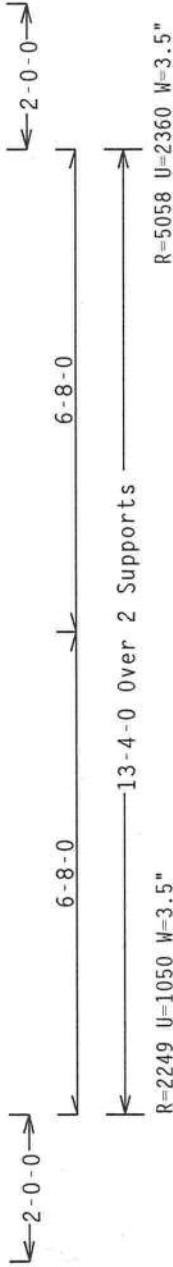
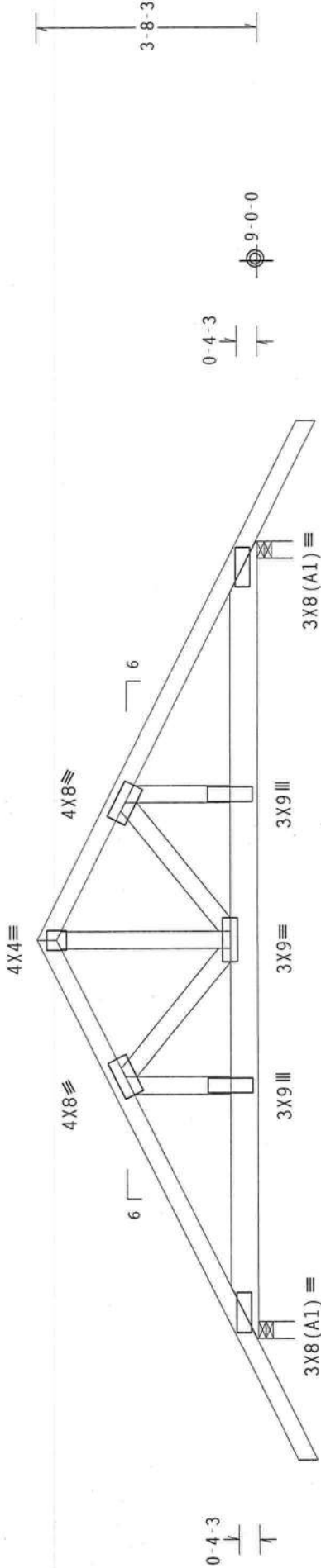
SPECIAL LOADS
----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 60 PLF at -2.00 to 60 PLF at 15.33
BC - From 4 PLF at -2.00 to 4 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 13.33
BC - From 4 PLF at 13.33 to 4 PLF at 15.33
BC - 4337 LB Conc. Load at 9.13
BC - 1648 LB Conc. Load at 11.06

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

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (10d Common (0.148"x3",_min.)_nails)
Top Chord: 1 Row @12.00" O.C.
Bot Chord: 1 Row @ 3.50" O.C.
Webs : 1 Row @ 4" O.C.
Use equal spacing between rows and stagger nails
in each row to avoid splitting.

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=2.8 psf, wind
BC DL=2.2 psf.



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

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, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND MTCA (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 FOLLOW THE DESIGN REQUIREMENTS OR TO PROVIDE THE NECESSARY INFORMATION TO THE INSTALLATION CONTRACTOR SHALL BE THE RESPONSIBILITY OF THE 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 Engineered Products, Inc.
1950 Marley Drive
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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--	94796
DATE	08/30/05	
DRW	HCUSR487	05242038
HC-ENG	JB/AF	
SEQN	122751	
JREF	1S02487_Z01	

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

110 mph wind, 12.02 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=2.8 psf, wind BC DL=2.2 psf.

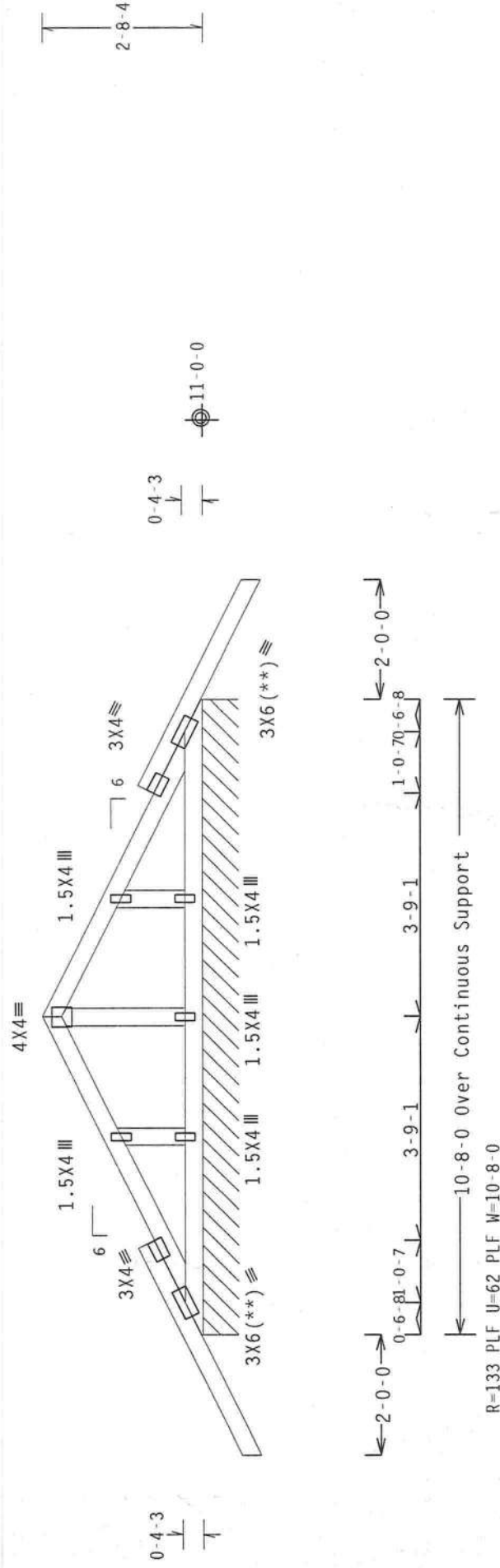
See DWGS A11015EC1103 & GBLLETIN0405 for more requirements.

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

SPECIAL LOADS

STANDARD LONGS			DUR. FAC.=1.25 / PLATE DUR. FAC.=1.25		
----- (LUMBER)					
TC	- From	81 PLF at -2.00 to	81 PLF at 12.67		
BC	- From	4 PLF at -2.00 to	4 PLF at 0.00		
BC	- From	20 PLF at 0.00 to	20 PLF at 10.67		
BC	- From	4 PLF at 10.67 to	4 PLF at 12.67		

(**) Plate relocated as shown.



PLT TYP: Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04.

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

Scale = .375"/Ft.

4. **WARNING:** RUSSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO PCS1 3.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'AMORE DR., SUITE 200, MADISON, WI 53719) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6200 ENTERPRISE IN. MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED TOP CHORD CEILING.

**** IMPORTANT **** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALCTHE ENGINEERS
PROTANTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE
TRUSS IN CONFORMANCE WITH THIS OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES,
DESIGN CONFORMANCE WITH THE PROVISIONS OF MID NATIONAL CODE SPEC. BY AFPA) AND TRAILER.
DESIGN CONFORMANCE WITH APPLICABLE PROVISIONS OF MID NATIONAL CODE SPEC. BY AFPA) AND TRAILER.
PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z.
ANY INSPECTION OF PLATE FOLLOWED BY (I) SHALL BE PER ARH EX 43 OF TP-1-2009 SEC. 3.2. A SEAL ON THIS
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT
BUILDING ORDER. PER-AHS/TP-1 SEC. 3.2 OF THIS DOCUMENT FOR BUILDING IS THE RESPONSIBILITY OF THE
BUILDING ORDER. PER-AHS/TP-1 SEC. 3.2 OF THIS DOCUMENT FOR BUILDING IS THE RESPONSIBILITY OF THE



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Haines City, FL 33844
FL Certificate of Authorization # 567

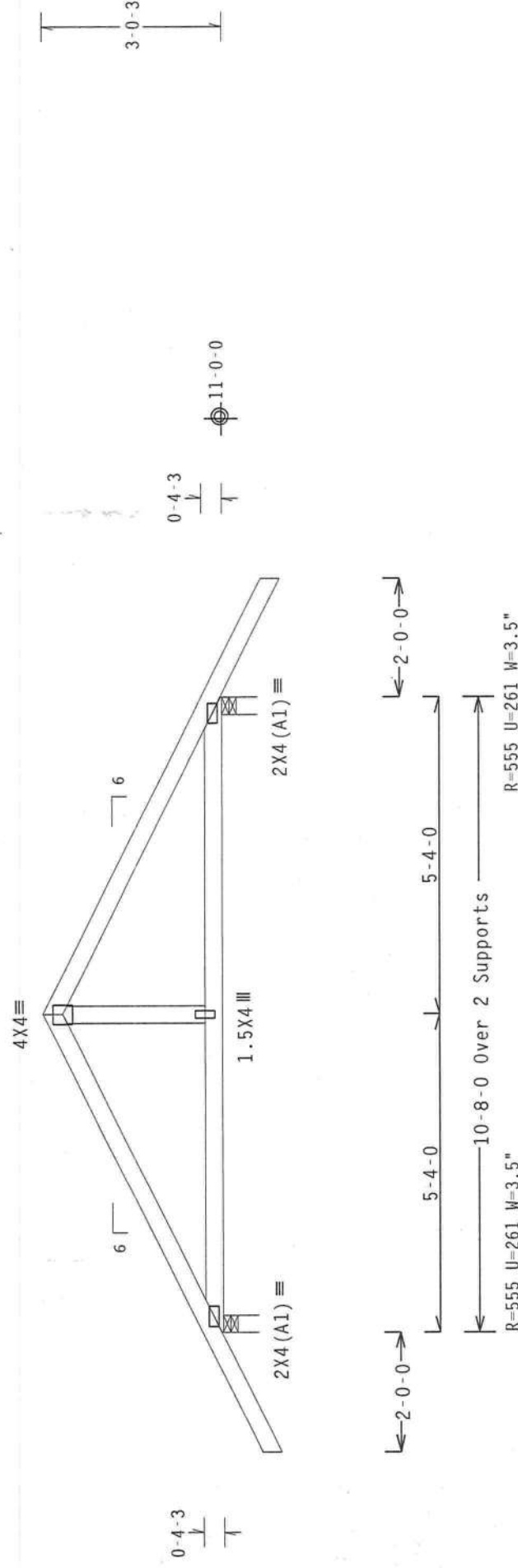
FL Certificate of Authorization # 567

JREF- 1S02487_Z01

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

110 mph wind, 12.18 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=2.8 psf, wind BC DL=2.2 psf.

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



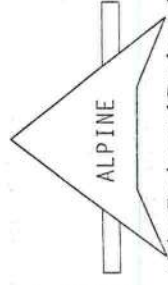
PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.

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

Scale = .375"/Ft.



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1950 Marley Drive
Haines City, FL 33844

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*WARNING** THOSSES REQUIRE EXTREME CARE IN FABRICATION, DELIVERY, INSTALLATION, AND SHIPPING. HANDLING, SHIPPING, INSTALLING AND BRACING REFER TO BEST PRACTICES FOR STEEL TRUSS MANUFACTURING, STEEL PLANT INSTITUTE, 693 SOUTH LEXINGTON, SUITE 200, WESTPORT, MI 48191, AND AISC, 6000 TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, MI 48119. ADVISE ALL PERSONNEL INVOLVED IN THE FABRICATION, DELIVERY, INSTALLATION, AND BRACING OF TRUSSES OF THE PROPER SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, ALL TRUSSES SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED TOP CHORD SEALING.

****IMPORTANT****-FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR OBTAINING ANY NECESSARY PERMITS OR FLUORIDE BUILDING DEPARTMENT APPROVALS PRIOR TO CONSTRUCTION. THE DESIGNER SHALL BE RESPONSIBLE FOR VERIFYING THAT ALL APPLICABLE PROVISIONS OF THE NATIONAL DESIGN SPEC., BY AIAA) AND IPTI-ALPINE CONNECTOR PLATES ARE MADE OF 2010/16GA. ASTM A575 GRADE 40/50 (H. JIN-SI GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMEX AX OF TP11-2002 SEC.2. 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 AMEX/TPT1 SEC. 2.



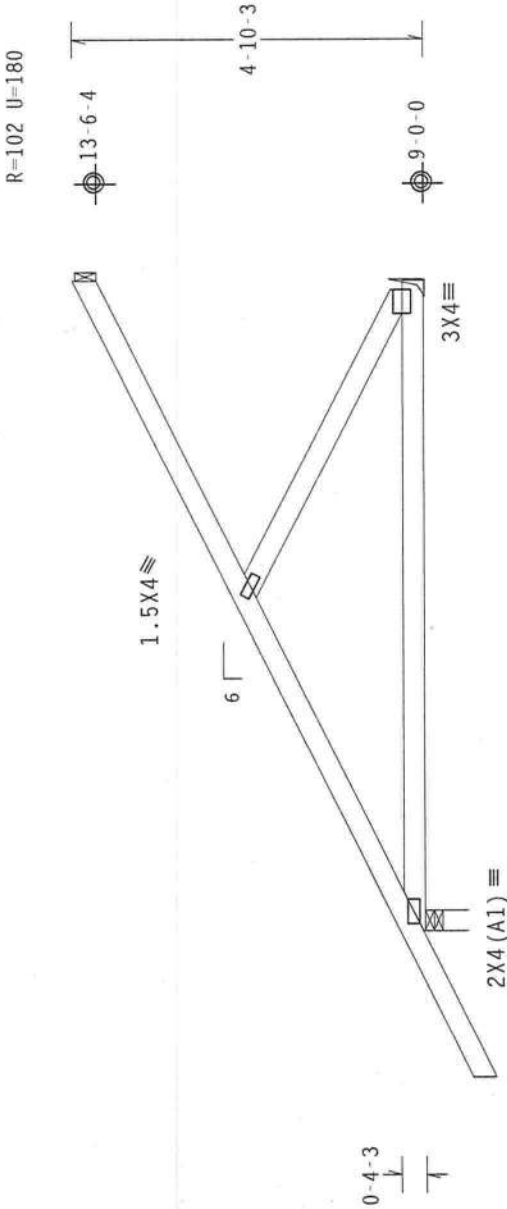
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TC DL	10.0	PSF	DATE	08/30/05	
BC DL	10.0	PSF	DRW	HCUSR487	05242007
BC LL	0.0	PSF	HC-ENG	JB/AF	*
TOT.LD.	40.0	PSF	SEQN-	122506	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	1SQ2487_Z01	

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

110 mph wind, 11.10 ft mean hgt., ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=2.8 psf, wind BC DL=2.2 psf.

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

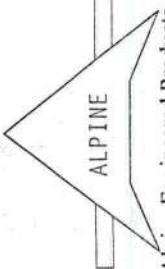
Deflection meets L/360 live and L/240 total load.



9-0-0 Over 3 Supports
R=516 U=200 W=3.5"

R=230 U=180 H=516
w/ (2) 10d, 0.145 in Truss
w/ (4) 10d Corrosion in Girder

PLT TYP. Wave TPI



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

Design Crit: TPI-1995 (STD)/FBC

Scale = .375" / Ft.

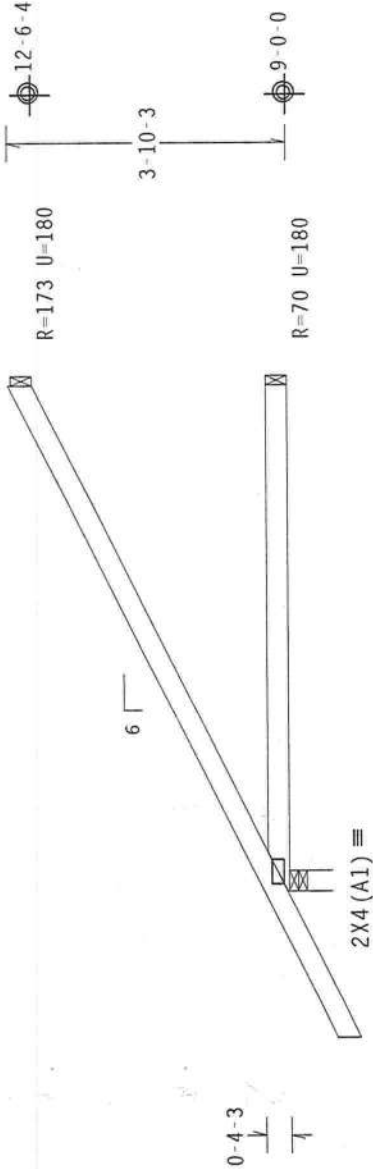
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TC DL	10.0 PSF	DATE	08/30/05	
BC DL	10.0 PSF	DRW	HCUSR487	05242008
BC LL	0.0 PSF	HC-ENG	JB/AF	*
TOT.LD.	40.0 PSF	SEQN	122549	
DUR.FAC.	1.25			
SPACING	24.0"	JREF	1S02487_Z01	

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

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

110 mph wind, 10.60 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=2.8 psf, wind BC DL=2.2 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

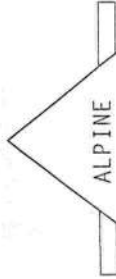
7.0

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

Scale = .375" / Ft.

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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING OF THE TRUSS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF RCSS 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.



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No. 59687

STATE OF FLORIDA

PROFESSIONAL ENGINEER

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-- 94800

DATE 08/30/05

DRW HCUSR487 05242040

HC-ENG JB/AF

SEQN- 122564

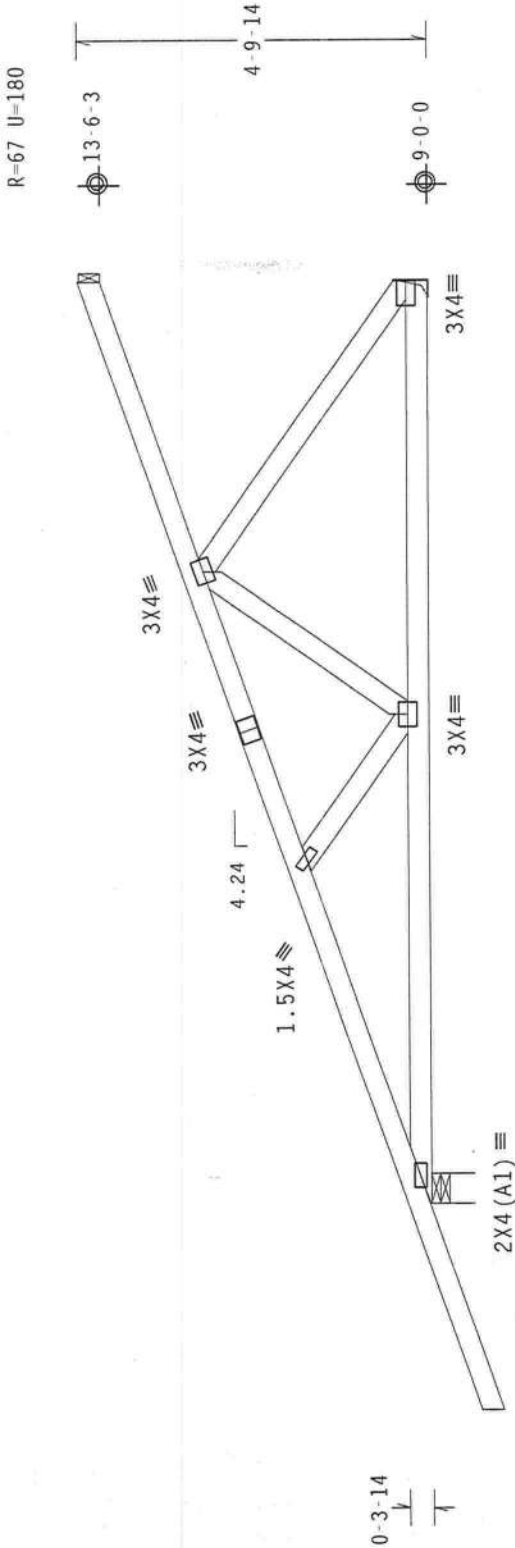
JREF- 1SQ2487_Z01

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=2.8 psf, wind BC DL=2.2 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.

Hipjack supports 9-0-0 setback jacks. Jacks up to 7' have no webs. Longer jacks supported to BC.
Deflection meets L/360 live and L/240 total load.



2-9-15

12-8-12 Over 3 Supports

R=719 U=361 W=4.95

R=937 U=424 H-Simpson SUL26
w/ (6) 10d, 0.148"x1.5" nails in Truss
w/ (6) 16d, 0.162"x2.5" nails in Girder
Girder is (2)2X6 min. So.Pine

PLT TYP. Wave TPI

Design Crit: TPI-1995 (STD)/FBC

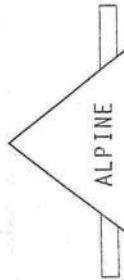
7.0

FL/-13/-1/R/-

Scale = .375"/Ft.

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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO FOLLOW THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES OR DESIGN CONFORMS TO THE DESIGN OF THE TRUSS. THE TRUSS SHALL BE MADE OF 20/18/160A (IN W/2/3) ASTM A955 GRADE 40/60 (IN, E/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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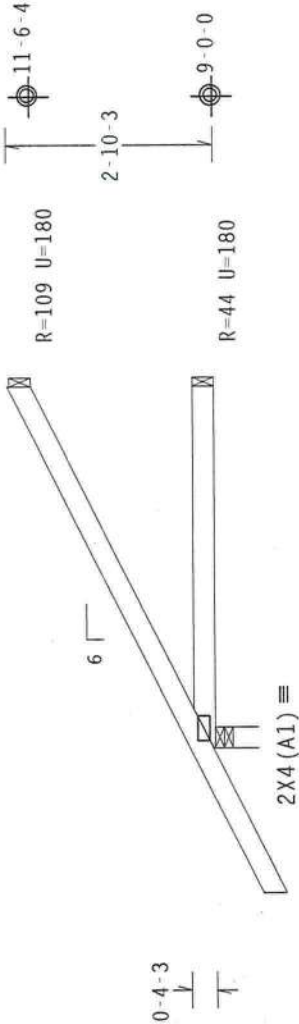
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TC DL	10.0	PSF	DATE	08/30/05	
BC DL	10.0	PSF	DRW	HCUSR487	05242041
BC LL	0.0	PSF	HC-ENG	JB/AF	
TOT.LD.	40.0	PSF	SEQN	122584	
DUR.FAC.	1.25				
SPACING	24.0"		JREF	1S02487_Z01	

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

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

110 mph wind, 10.10 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=2.8 psf, wind BC DL=2.2 psf.

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



←-2-0-0→

←-5-0-0 Over 3 Supports→

R=376 U=180 W=3.5"

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.0

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

Scale = .375" / Ft.

ALPINE

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****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 TPI1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING THE TRUSS DESIGN CONFORMS WITH ANY TYPICAL PROVISIONS IN THE TPI1 SPECIFICATIONS AND THE ALPINE DESIGN. APPLY CORRECTION FACTORS TO THE TRUSS DESIGN AS SHOWN IN THE TPI1 SPECIFICATIONS AND THE ALPINE DESIGN. APPLY ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ABREX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DESIGN INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT BUILDING DESIGNER. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

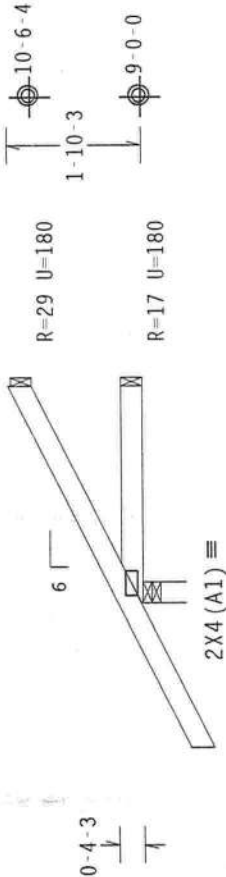
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TC DL	10.0 PSF	DATE	08/30/05
BC DL	10.0 PSF	DRW	HCUSR487 05242042
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	40.0 PSF	SEQN-	122560
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1S02487_Z01

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, Located
anywhere in roof, CAT II, EXP B, wind TC DL=2.8 psf, wind BC DL=2.2
psf.

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



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

PLT TYP. Wave TPI

Design Crit: TPI-1995 (STD)/FBC

7.0

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

Scale = .375" /Ft.

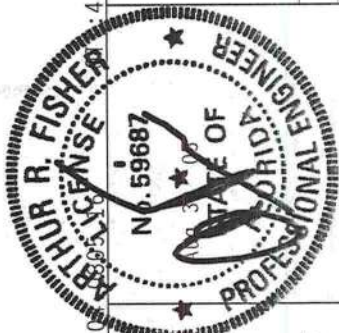
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TC DL	10.0 PSF	DATE	08/30/05	
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BC LL	0.0 PSF	HC-ENG	JB/AF	
TOT.LD.	40.0 PSF	SEQN	122569	
DUR.FAC.	1.25			
SPACING	24.0"	JREF	1S02487_Z01	

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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DETAILING FROM THIS DESIGN. ANY FAILURE TO BUILD TRUSSES IN CONFORMANCE WITH TPI1 OR FABRICATING, INSTALLING, HANDLING, SHIPPING, OR BRACING TRUSSES DESIGN COMPONENTS WITH TPI1 OR PROVIDING AN INADEQUATE DESIGN SPEC. (B, A/R/D) AND TPI1. APPLY 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 TPI1-2002 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
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Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

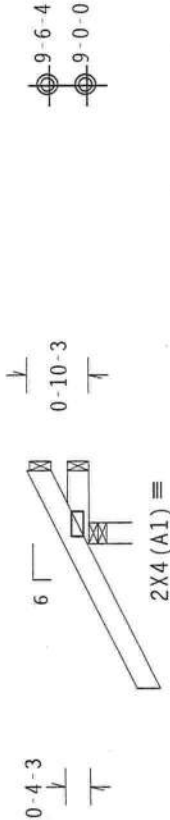
110 mph wind, 9.10 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere
in roof, CAT II, EXP 8, wind TC DL=2.8 psf, wind BC DL=2.2 psf.

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

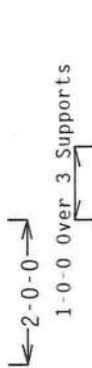
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

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

R=-191 U= *



R=-19 U=180



R=418 U=235 W=3.5"

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.0

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

Scale =.375"/Ft.

 Alpine Engineering Products, Inc. 1950 Marley Drive Haines City, FL 33844 FL Certificate of Authorization # 567	**WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RCES 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 O'CONNOR DR., SUITE 200, MADISON, WI 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.		TC LL	20.0 PSF	REF	R487--	94804
	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 FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING OF THE TRUSS OR OTHER COMPONENTS SHALL BE THE RESPONSIBILITY OF THE INSTALLER. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.		TC DL	10.0 PSF	DATE	08/30/05	
			BC DL	10.0 PSF	DRW	HCUSR487	05242044
			BC LL	0.0 PSF	HC-ENG	JB/AF	
			TOT.LD.	40.0 PSF	SEQN	-	122573
						DUR.FAC.	1.25
			SPACING	24.0"			
			JREF- 1SQ2487_Z01				

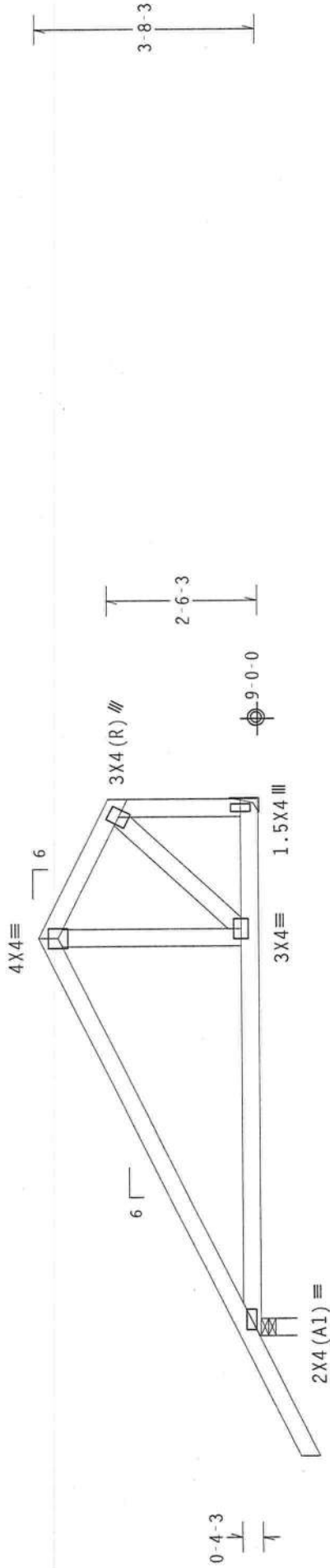


Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 10.51 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=2.8 psf, wind BC DL=2.2 psf.

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

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



R=519 U-237 W=3.5"
R=329 U=180 H=Simpson LU24
w/ (2) 10d, 0.148"x1.5" nails
w/ (4) 10d Common, 0.148"x1.5" nails
Girder is (2) 2x6 min.

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 BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONDRIFF DR., SUITE 200, MADISON, WI 53719) AND MTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISI (NATIONAL INSTITUTE OF STEEL CONSTRUCTION, INC., 1000 LEXINGTON AVENUE, NEW YORK, NY 10017) OR AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC., 500 N. MICHIGAN AVENUE, CHICAGO, IL 60610) OR AIAA (AMERICAN INSTITUTE OF AERONAUTICS AND ASTRONAUTICS, 1801 ALEXANDER BELMONT AVENUE, WASHINGTON, DC 20036). APPLY AND INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AISI 3.3 OF TPI-2002 SEC. 3. A SEAL ON THIS DESIGN INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISI/TPI 1 SEC. 2.



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TC LL	20.0 PSF
TC DL	10.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	40.0 PSF
DUR.FAC.	1.25
SPACING	24.0"
JREF	1S02487_Z01

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

SPECIAL LOADS

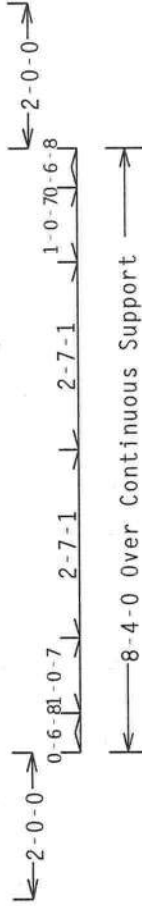
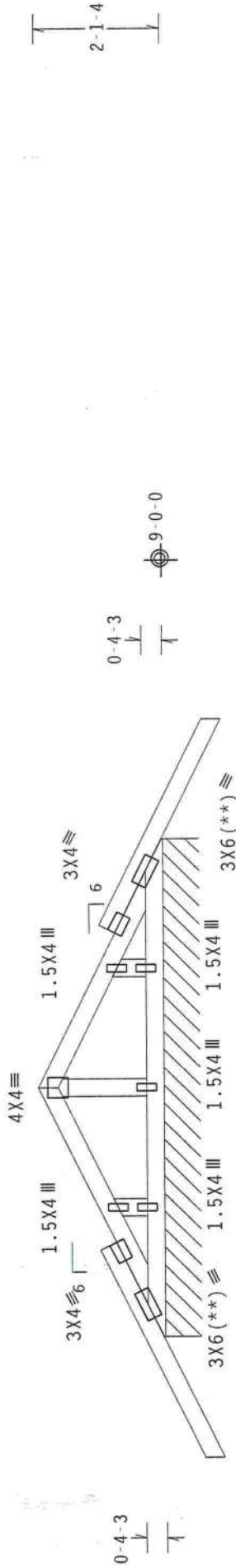
----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 81 PLF at -2.00 to 81 PLF at 10.33
BC - From 4 PLF at -2.00 to 4 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 8.33
BC - From 4 PLF at 8.33 to 4 PLF at 10.33

(**) Plate relocated as shown.

110 mph wind, 9.73 ft mean hgt, ASCE 7-98, CLOSED bldg, Located
anywhere in roof, CAT II, EXP B, wind TC DL=2.8 psf, wind BC DL=2.2
psf.

See DWGS A11015EC1103 & GBLLETIN0405 for more requirements.

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



R=142 PLF U=66 PLF W=8-4-0

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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/PA) AND TPI STEEL APPLICABLE PLATES TO EACH FACE OF TRUSSES SHALL BE MADE OF 2010/16GA (IN./IN./57%) ASTM A575 DRILLING DESIGN. POSITION PIP DRILLING 160A-22. A SEAL ON THIS DESIGN INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGNER. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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TC LL	20.0 PSF	REF	R487--	94806
TC DL	10.0 PSF	DATE	08/30/05	
BC DL	10.0 PSF	DRW	HCUSR487	05242045
BC LL	0.0 PSF	HC-ENG	JB/AF	
TOT.LD.	40.0 PSF	SEQN-	122595	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1SQ2487_Z01	

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.

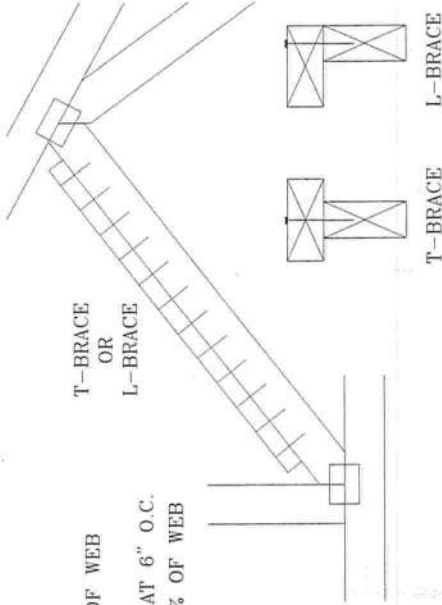
WEB MEMBER SIZE	SPECIFIED CLB BRACING	T OR L-BRACE	ALTERNATIVE BRACING
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

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

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

T-BRACING
OR
L-BRACING:

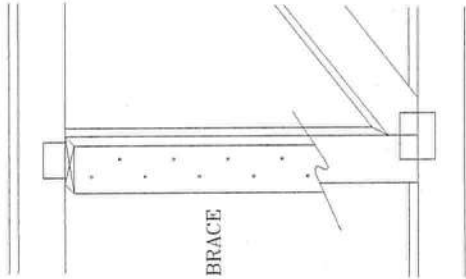
APPLY TO EITHER SIDE OF WEB
NARROW FACE
ATTACH WITH 16d NAILS AT 6" O.C.
BRACE IS A MINIMUM 80% OF WEB
MEMBER LENGTH



T-BRACE L-BRACE

SCAB BRACING:

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



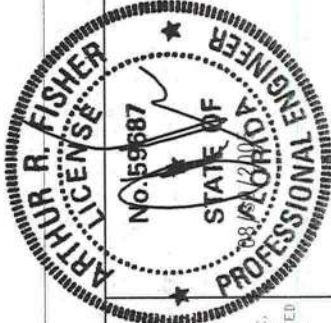
SCAB BRACE



ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC511-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 DUNDRIED DR., SUITE 200, MADISON, WI 53719) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR APPLICABLE PROVISIONS OF NDS NATIONAL DESIGN SPEC. BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS NATIONAL DESIGN SPEC. BY AF&PA AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (20/18/20) ASTM A653 GRADE 40/50 (20/18/20) 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 (D) SHALL BE PER ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF THE PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. PER 4061/TPI 1 SEC. 2.



THIS DRAWING REPLACES DRAWING 579.640

TC LL	PSF	REF	CLB SUBST.
TC DL	PSF	DATE	11/26/03
BC DL	PSF	DRWG	BRLBSUB1103
BC LL	PSF	-ENG	MLH/KAR
TOT. LD.	PSF		
DUR. FAC.			
SPACING			

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

BRACING GROUP SPECIES AND GRADES:

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

GROUP B:			
DOUGLAS FIR-LARCH	SOUTHERN PINE		
#3	STUD	#3	STUD
STANDARD	STUD	STANDARD	STUD

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

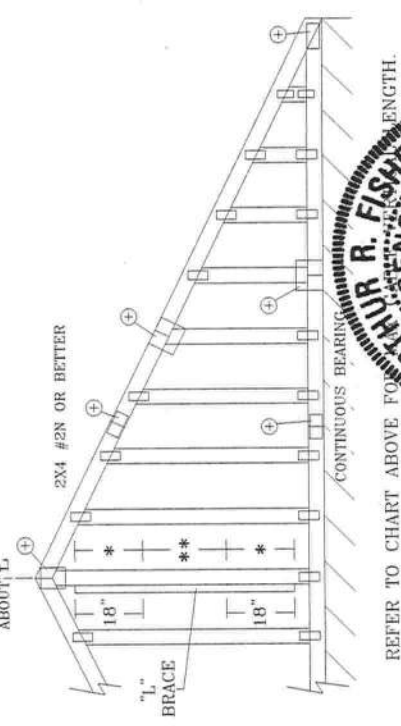
GROUP B:			
DOUGLAS FIR-LARCH	SOUTHERN PINE		
#3	STUD	#3	STUD
STANDARD	STUD	STANDARD	STUD

GABLE TRUSS DETAIL NOTES:

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

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

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



SYMM ABOUT CL

REFER TO CHART ABOVE FOR TOTAL LENGTH.



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST-1103 BUILDING COMPONENTS SAFETY MANUAL, PUBLISHED BY THE TRUSS BRACING INSTITUTE, 1500 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136, FOR THE LATEST DESIGN SPECIFICATIONS FOR TRUSS BRACING. ENTERPRISE IN WADSWORTH, MI 48093 AND VICA-LVAD TRUSS COUNCIL, 10000 WADSWORTH AVE., SUITE 100, WADSWORTH, MI 48093, FOR THE LATEST DESIGN SPECIFICATIONS FOR TRUSS BRACING. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. DESIGN CONFORMS WITH TPI 1-2002 SEC. 3.1 AND 3.2. ANY FAILURE TO FOLLOW THESE SPECIFICATIONS SHALL BE THE RESPONSIBILITY OF THE USER. THE USER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE DESIGN OF THE TRUSS SHALL BE THE RESPONSIBILITY OF THE USER. THE USER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE DESIGN OF THE TRUSS SHALL BE THE RESPONSIBILITY OF THE USER.

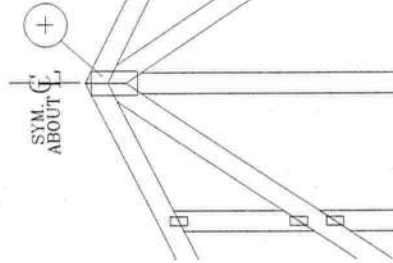


ALPINE ENGINEERED PRODUCTS, INC.
POMPAHO BEACH, FLORIDA

REF	ASCE7-98-GAB11015
DATE	11/26/03
DRWG	A11015EC1103
—ENG	

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

GABLE DETAIL
FOR LET-IN VERTICALS



GABLE VERTICAL PLATE SIZES

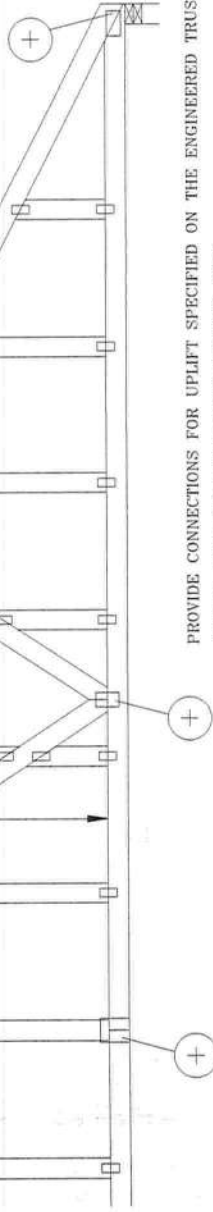
VERTICAL LENGTH BETWEEN CHORDS	PLATE SIZE	IF PLATES OVERLAP*
LESS THAN 4' 0"	1X4 OR 2X3	2X6
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2X4	2X8
GREATER THAN 11' 6"	2.5X4	2.5X8

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

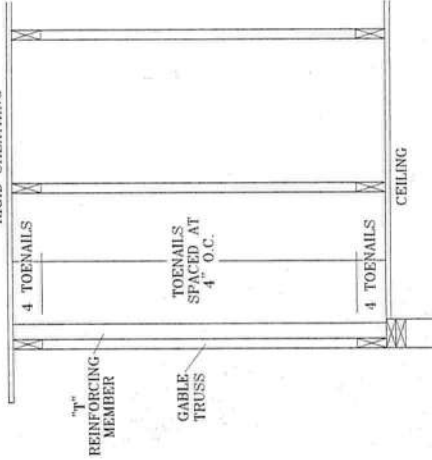
REFER TO ENGINEERED TRUSS DESIGN FOR PEAK, SPLICE, WEB AND HEEL PLATES.

EXAMPLE:
2X4
2X4
2X8

GABLE VERTICAL LENGTH TYP.



RIGID SHEATHING



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31.1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 593 DUNDAS DR., SUITE 200, MADISON, WI 53719) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, ALL GABLES SHALL BE PROPERLY ATTACHED TO STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&P) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (24/16/24) ACTIVE PASS GRADE 40/60 (24/60/40) GALV. STEEL. ALL STEELS SHALL BE GRADE 50 (MIN. YIELD STRENGTH) AND SHALL BE PER ANNEAL 43 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF THE PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. PER ANSI/TPI 1 SEC. 2.



ALPINE ENGINEERED PRODUCTS, INC.
POMPAHO BEACH, FLORIDA

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

ASCE 7-93 GABLE DETAIL DRAWINGS
A10105EN1103, A10015EN1103, A09015EN1103, A08015EN1103, A07015EN1103
A103030EN1103, A1003030EN1103, A0903030EN1103, A0803030EN1103, A0703030EN1103
ASCE 7-98 GABLE DETAIL DRAWINGS
A13015EC1103, A12015EC1103, A11015EC1103, A10015EC1103, A09015EC1103
A130303EC1103, A120303EC1103, A110303EC1103, A100303EC1103, A090303EC1103
SBCCI GABLE DETAIL DRAWINGS
S11015EN1103, S10015EN1103, S09015EN1103, S08015EN1103, S07015EN1103
S1103030EN1103, S1003030EN1103, S0903030EN1103, S0803030EN1103, S0703030EN1103

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

GUN DRIVEN NAILS - 0.131" X 3"

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

ATTACH EACH "T" REINFORCING MEMBER WITH

PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.

WEB LENGTH INCREASE W/ "T" BRACE

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

EXAMPLE:

ASCE WIND SPEED = 100 MPH

MEAN ROOF HEIGHT = 30 FT

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

"T" REINFORCING MEMBER SIZE = 2X4

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

(1) 2X4 "T" BRACE LENGTH = 6' 7"

MAXIMUM "T" REINFORCED GABLE VERTICAL LENGTH

1.10 x 6' 7" = 7' 3"

PLACES DRAWINGS GAB98117 876.719 & HC26294035

REF	LET-IN VERT
DATE	01/16/04
DRWG	GBLETIN1103
-ENG	DLJ/KAR

MAX TOT. LD.	60 PSF
DUR. FAC.	ANY
MAX SPACING	24.0"

MAXIMUM NUMBER OF NAIL LINES PARALLEL TO GRAIN

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

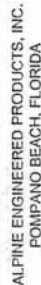
BEARING BLOCK TO BE SAME SIZE AND SPECIES AS BOTTOM CHORD. BLOCKS MAY BE ANY GRADE WITHIN THE SPECIES, PROVIDED THE COMPRESSION PERPENDICULAR TO GRAIN VALUE (Fc-perp) IS AT LEAST THAT OF THE CHORD.



MINIMUM NAIL SPACING DISTANCES

RAWING REPLACES DRAWING B139 AND CNBRGHLK0699

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A circular professional engineer seal for the State of Ohio. The outer ring contains the text "ARTHUR R. FISHER" at the top and "PROFESSIONAL ENGINEER" at the bottom. Inside the ring, the text "LICENSE NO. 59867" is on the left and "STATE OF OHIO" is on the right. A date stamp "08/20/2015" is located in the lower right quadrant. The seal features a central graphic of a plumb line and a level, with three stars positioned around the inner circle.

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

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	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 (1) 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/M2), 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

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 (FBC 1 04.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
8. Fire resistant construction (if applicable)
9. Fireproofing requirements
10. Show type of termite treatment (termicide or alternative method)
11. Slab on grade
 - a. Vapor retardant (6Mil. Polyethylene with joints lapped 6 inches and sealed
 - b. Must show control joints, synthetic fiber reinforcement or welded wire fabric reinforcement and supports
12. Indicate where pressure treated wood will be placed
13. Provide insulation R value for the following:
 - a. Attic space
 - b. Exterior wall cavity
 - c. Crawl space (if applicable)

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

Floor Framing System:

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

Plumbing Fixture layout

Electrical layout including:

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

HVAC information

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

Energy Calculations (dimensions shall match plans)

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

Disclosure Statement for Owner Builders

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

Private Potable Water

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

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

1. **Building Permit Application:** A current Building Permit Application form is to be completed and submitted for all residential projects.
2. **Parcel Number:** The parcel number (Tax ID number) from the Property Appraiser (386) 758-1084 is required. A copy of property deed is also requested.
3. **Environmental Health Permit or Sewer Tap Approval:** A copy of the Environmental Health permit, existing septic approval or sewer tap approval is required before a building permit can be issued.
(386)758-1058 (Toilet facilities shall be provided for construction workers)
4. **City Approval:** If the project is to be located within the city limits of the Town of Fort White, prior approval is required. The Town of Fort White approval letter is required to be submitted by the owner or contractor to this office when applying for a Building Permit. (386) 497-2321
5. **Flood Information:** All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting application to this office. Any project located within a flood zone where the base flood elevation (1 00 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:

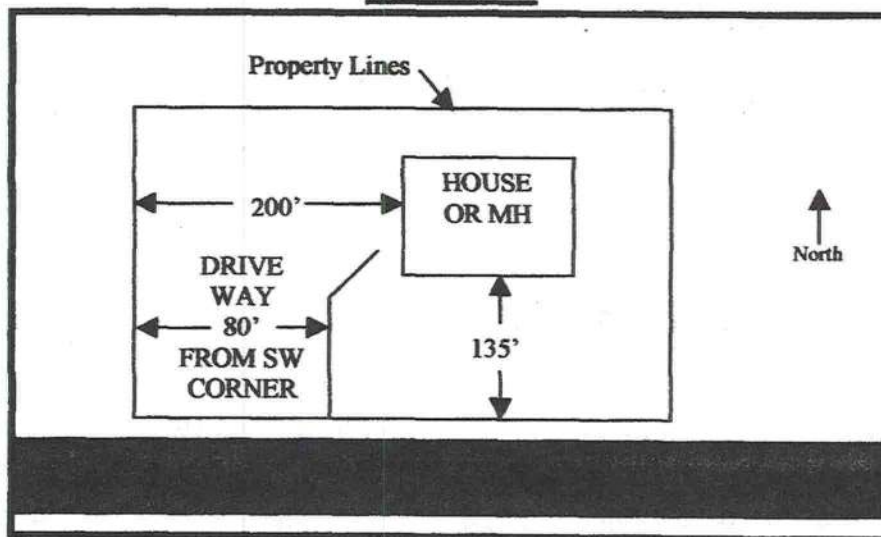
YOU CAN NOT OBTAIN A NEW ADDRESS OVER THE TELEPHONE. MUST MAKE AN APPOINTMENT!

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).

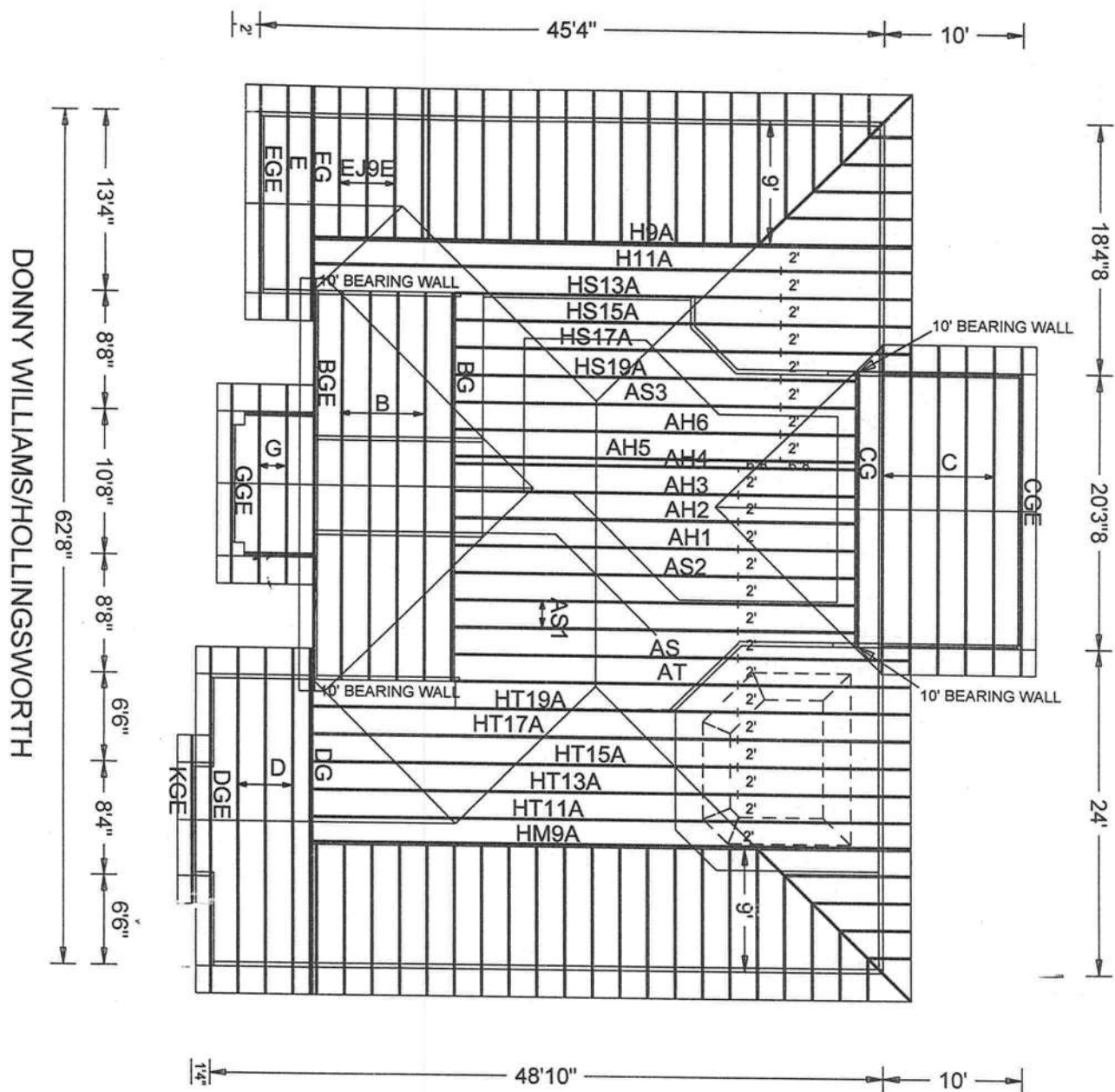
THE REQUESTER WILL NEED THE FOLLOWING:

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.



Roof Plane Sheathing Area = 4007 sq. ft
Fascia Material = 306 linear ft
Valley Flashing Material = 160 linear ft
Ridge Cap Material = 104 linear ft
Hip Ridge Material = 139 linear ft

JOB NO: 5-249	DESIGNED BY:	JOB DESCRIPTION:	JOB LOCATION:
		DONNIE WILLIAMS/HOLLINGSWORTH	

Notice of Treatment				
Applicator: Florida Pest Control & Chemical Co. (www.flapest.com) Address: <u>LC 1700</u> Phone: <u>758-1305</u> City: <u>LC</u>				
Site Location: Subdivision <u>Starbenge</u> Lot # <u>239</u> Block # <u>SW Lane Lot</u> Permit # <u>23772</u> Address <u>239 SW Lane Lot</u>				
Product used Active Ingredient % Concentration ☐ Premise Imidacloprid 0.1% ☐ Termitor Fipronil 0.12% ☒ Bora-Care Disodium Octaborate Tetrahydrate 23.0%				
Type treatment: ☐ Soil ☐ Wood				
Area Treated	Square feet	Linear feet	Gallons Applied	
239	3082	772	5	
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 <u>11/21/06</u> Time <u>1330</u> Print Technician's Name <u>James D. Parker</u>				
Remarks: _____				
Applicator - White Permit File - Canary Permit Holder - Pink				

10/05

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Notice of Treatment				
Applicator: Florida Pest Control & Chemical Co. (www.flapest.com) Address: <u>LC 1700</u> Phone: <u>758-1703</u> City: <u>LC</u>				
Site Location: Subdivision <u>Starbenge</u> Lot # <u>239</u> Block # <u>SW Lane Lot</u> Permit # <u>23772</u> Address <u>239 SW Lane Lot</u>				
Product used Active Ingredient % Concentration ☐ Premise Imidacloprid 0.1% ☐ Termitor Fipronil 0.12% ☒ Bora-Care Disodium Octaborate Tetrahydrate 23.0%				
Type treatment: ☐ Soil ☒ Wood				
Area Treated	Square feet	Linear feet	Gallons Applied	
239	772	772	772	
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 <u>11/21/06</u> Time <u>1145</u> Print Technician's Name <u>James D. Parker</u>				
Remarks: _____				
Applicator - White Permit File - Canary Permit Holder - Pink				

10/05

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