

COLUMBIA COUNTY BUILDING DEPARTMENT

RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2001

ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

EFFECTIVE MARCH 1, 2002

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

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

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

APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

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

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

Wall Sections including:

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

☒ b) Wood frame wall

1. All materials making up wall
2. Size and species of studs
3. Sheathing size, type and nailing schedule
4. Headers sized
5. Gable end showing balloon framing detail or gable truss and wall hinge bracing detail
6. All required fasteners for continuous tie from roof to foundation (truss anchors, straps, anchor bolts and washers)
7. Roof assembly shown here or on roof system detail (FBC104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
8. Fire resistant construction (if applicable)
9. Fireproofing requirements
10. Show type of termite treatment (termiticide or alternative method)
11. Slab on grade
 - a. Vapor retarder (6Mil. Polyethylene with joints lapped 6 inches and sealed
 - b. Must show control joints, synthetic fiber reinforcement or welded wire fabric reinforcement and supports
12. Indicate where pressure treated wood will be placed
13. Provide insulation R value for the following:
 - a. Attic space
 - b. Exterior wall cavity
 - c. Crawl space (if applicable)

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

Floor Framing System:

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

Plumbing Fixture layout

Electrical layout including:

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

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

Private Potable Water

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

S/N

RSR24586

RIGHT-J SHORT FORM

01/27/04

File name: SKOWRO~1.RSR

Job #: 040110

For: Sean & Kristi Skowron
Smith Lane
Lake City

FL 32055

By: Aaron Simque Homes, Inc.
Rt. 9 Box 785-33
Lake City
(386) 397-3785

FL 32024

	Htg	Clg
Outside db	31	93
Inside db	70	75
Design TD	39	18
Daily Range	-	M
Inside Humid.	-	50
Grains Water	-	51
Method	Simplified	
Const. qty	Average	
Fireplaces	1	

HEATING EQUIPMENT

COOLING EQUIPMENT

Make
TradeMake
Trade

Efficiency 7.4 HSPF
 Heating Input 0 Btuh
 Heating Output 0 Btuh
 Heating Temp Rise 0 Deg F
 Actual Heating Fan 1737 CFM
 Htg Air Flow Factor 0.047 CFM/Btuh

Efficiency 11.0 EER
 Sensible Cooling 0 Btuh
 Latent Cooling 0 Btuh
 Total Cooling 0 Btuh
 Actual Cooling Fan 1737 CFM
 Clg Air Flow Factor 0.053 CFM/Btuh

Space Thermostat

Load Sensible Heat Ratio 87

ROOM NAME	AREA SQ.FT.	HTG BTUH	CLG BTUH	HTG CFM	CLG CFM
Master Bedroom	246	5407	4492	254	240
Master Bath	113	1744	813	82	43
Master W.I.C.	67	1001	309	47	17
Laundry	75	1753	1268	82	68
Kitchen	124	176	1578	8	84
Breakfast	124	4625	4244	217	227
Great Room	294	5382	3831	253	205
Dining Room	151	5868	6386	276	341
Foyer	56	2390	1677	112	90
Bedroom #2	176	3100	2599	146	139
Hall Bath	64	673	308	32	16
Bedroom #3	182	4758	4887	224	261
Hallways	55	78	87	4	5
Core	0	0	0	0	0
Entire House	1726	36954	32478	1737	1737
Ventilation Air		0	0		
Equip. @ 0.98 RSM			31829		
Latent Cooling			5053		
TOTALS	1726	36954	36882	1737	1737

LYNCH WELL DRILLING, INC.

RT. 6 BOX 464
LAKE CITY, FL 32025
PHONE (386) 752-6677
FAX (386) 752-1477

RESIDENTIAL WATER WELL BUILDING PERMIT INFORMATION

Building Permit # _____ Owners Name _____

Well Depth 180 Ft. Casing Depth 130 Ft. Water Level 120 Ft.Casing Size 4 PVC _____ Steel XPump Installation: Submersible X Deep Well Jet _____ Shallow Well _____Pump Make Aermotor Pump Model # S20-100 Hp 1System Pressure (PSI) _____ On 30 Off 50 Avg. Pressure _____
(PSI)Pumping System GPM at average pressure and pumping level 20 (GPM)Tank Installation: Precharged (Baldder) X Atmospheric (Galvanized)Make Challenger Model PC 244 Size 81 GallonTank Draw-down per cycle at system pressure 25.1 Gallons

I HEREBY CERTIFY THAT THIS WATER WELL SYSTEM HAS BEEN
INSTALLED AS PER ABOVE INFORMATION.

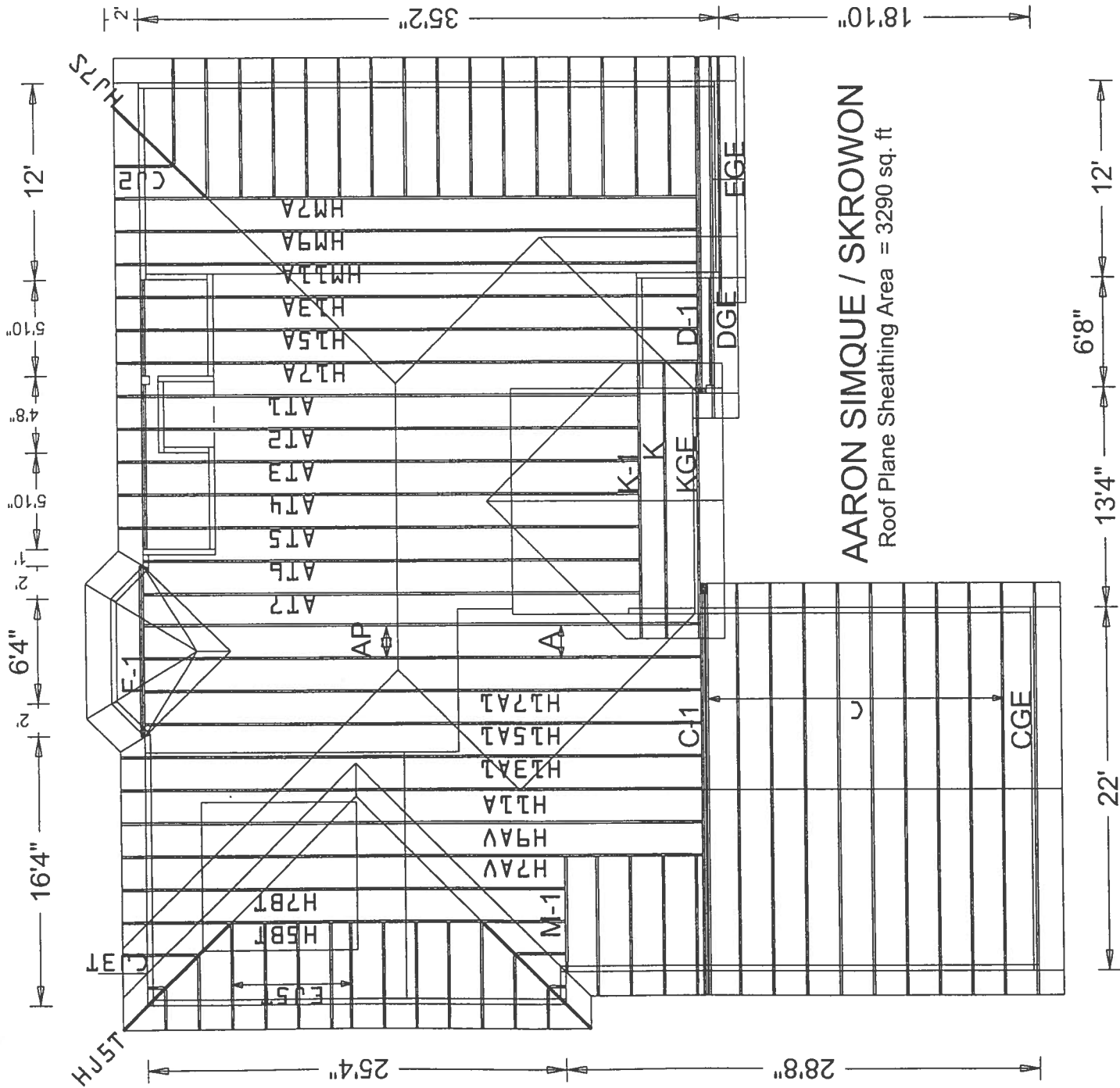
Lynch Well Drilling
Signature

Lynch Well Drilling, Inc.
Print Name

1274 or 2609
License Number

Date

JOB LOCATION:	JOB DESCRIPTION: ARARON SIMQUE / SKROWON	DESIGNED BY:	JOB NO: 065	PAGE NO: 1 OF 1
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Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844 (863) 422-8685

Florida Engineering Certificate of Authorization Number: 567

Page 1 of 1 Document ID: ISAR487-Z0127110920

Truss Fabricator: Anderson Truss Company

Job Identification: 065-ARARON SIMQUE / SKROWON (065|-ARARON SIMQUE / SKROWON)

Truss Count: 46

Model Code: Florida Building Code 2001

Truss Criteria: ANSI/TPI-1995(STD)

Engineering Software: Alpine Software, Version 19.633.

Structural Engineer of Record:

Address:

Minimum Design Loads: Roof - 40 PSF @ 1.25 Duration

Floor - N/A

Wind - 110 MPH ASCE-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 seal date shown on the individual truss component drawings must match the seal date on this index sheet.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR487

Seal Date: 02/27/2004

-Truss Design Engineer-
Manuel Martinez

Florida License Number: 47182

1950 Marley Drive

Haines City, FL 33844

Details: BRCLBSUB-A11015EC-GBLLETIN-CNBRGBLK

#	Ref	Description	Drawing#	Date
1	05449--H11A		04058035	02/27/04
2	05450--H13A		04058036	02/27/04
3	05451--H15A		04058037	02/27/04
4	05452--H17A		04058038	02/27/04
5	05453--A		04058039	02/27/04
6	05454--HM7A		04058040	02/27/04
7	05455--H17A		04058041	02/27/04
8	05456--H15A		04058042	02/27/04
9	05457--H13A		04058043	02/27/04
10	05458--HM11A		04058044	02/27/04
11	05459--HM9A		04058045	02/27/04
12	05460--AT7		04058046	02/27/04
13	05461--AT6		04058047	02/27/04
14	05462--AT5		04058048	02/27/04
15	05463--AT4		04058049	02/27/04
16	05464--AT3		04058050	02/27/04
17	05465--AT2		04058051	02/27/04
18	05466--AT1		04058052	02/27/04
19	05467--H7AV		04058053	02/27/04
20	05468--H9AV		04058054	02/27/04
21	05469--H5BT		04058055	02/27/04
22	05470--H7BT		04058056	02/27/04
23	05471--CGE		04058057	02/27/04
24	05472--C		04058058	02/27/04
25	05473--C-1		04058059	02/27/04
26	05474--DGE		04058060	02/27/04
27	05475--D-1		04058061	02/27/04
28	05476--EGE		04058062	02/27/04
29	05477--EJ7		04058063	02/27/04
30	05478--EJ5		04058064	02/27/04
31	05479--CJ3		04058065	02/27/04
32	05480--HJ5T		04058066	02/27/04
33	05481--HJ5		04058067	02/27/04
34	05482--CJ3		04058068	02/27/04
35	05483--M-1		04058069	02/27/04
36	05484--CJ1		04058070	02/27/04
37	05485--CJ3T		04058071	02/27/04
38	05486--EJ5T		04058072	02/27/04

#	Ref	Description	Drawing#	Date
39	05487--CJ5		04058073	02/27/04
40	05488--HJ7S		04058074	02/27/04
41	05489--CJ2		04058075	02/27/04
42	05490--F-1		04058076	02/27/04
43	05491--KGE		04058077	02/27/04
44	05492--K-1		04058078	02/27/04
45	05493--K		04058079	02/27/04
46	05494--AP		04058080	02/27/04

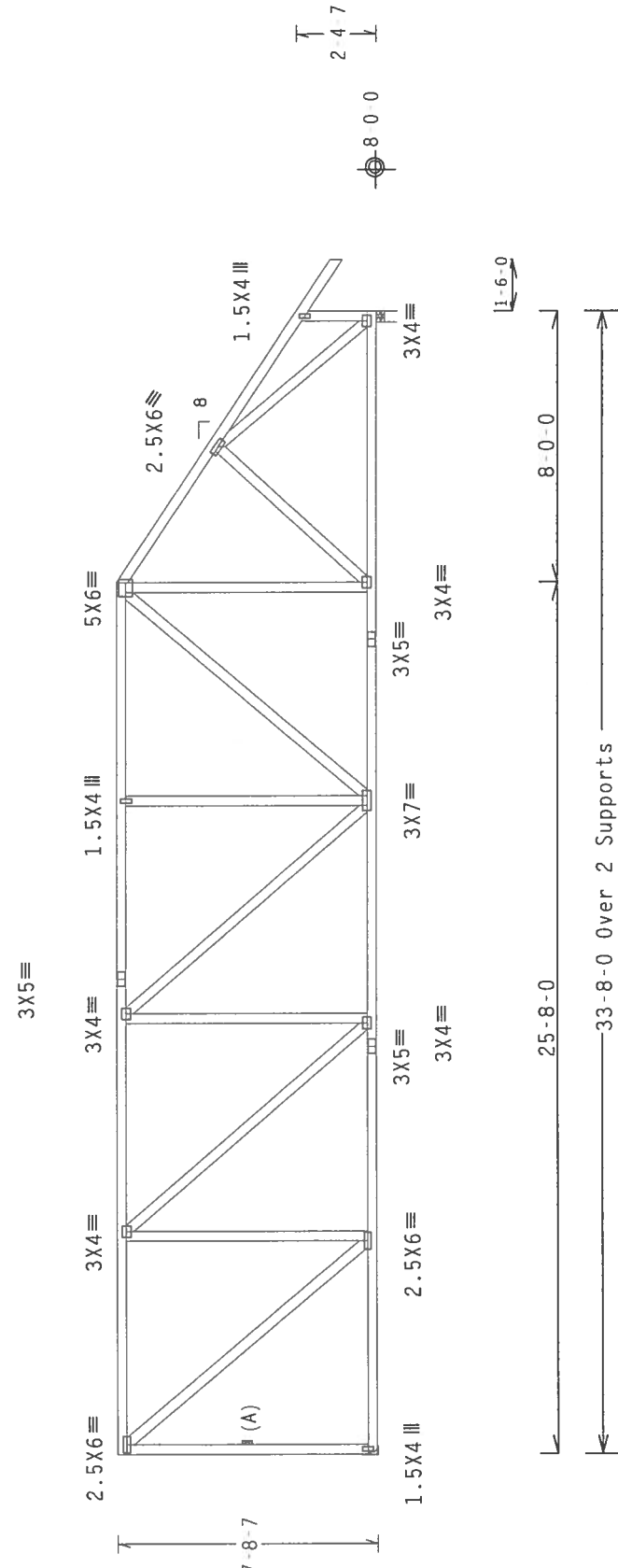


Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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.



R 1345 U=271 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	Design Crit: TPI-1995 (STD)	19.63		FL / - 4 / R / -	Scale = .1875" / Ft.
Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844 EIT Certificate of Authorization # 567	**WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D-DORRIS 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, MODELING, SHIPPING, INSTALLING & BRACING OF THOUSANDS OF OTHER TRUSSES WITHIN APPLICABLE PROVISIONS OF THIS NATIONAL DESIGN SPEC. (NDS) AND TPI ALPINE CONNECTION PLATES ARE AVAILABLE AT WWW.ALPINEENGINEERING.COM. SEE ALSO THE DESIGN, MANUFACTURING AND ASSEMBLY OF TRUSSES FOR PIP DRAWINGS 100A-Z. ALL INSPECTION OF PLANTS FOLLOWED BY U.S. SHALL BE PROVIDED BY U.S. AS OF TPI 2002 SEC. 7. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SUEPLY FOR THE TRUSS COMPANY DESIGN SHOWN. THE LIABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AWS/TPI 1 SEC. 2.				
	REF R487 -- 5449 DATE 02/27/04 DRW HCUSR487 04058035 HC-ENG JB/MMA SEQN- 70969 FROM JP JREF- 1SAR487_Z01				
	LL 20.0 PSF DL 10.0 PSF BL 10.0 PSF LL 0.0 PSF TOT.LD. 40.0 PSF DUR.FAC. 1.25 SPACING 24.0"				

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

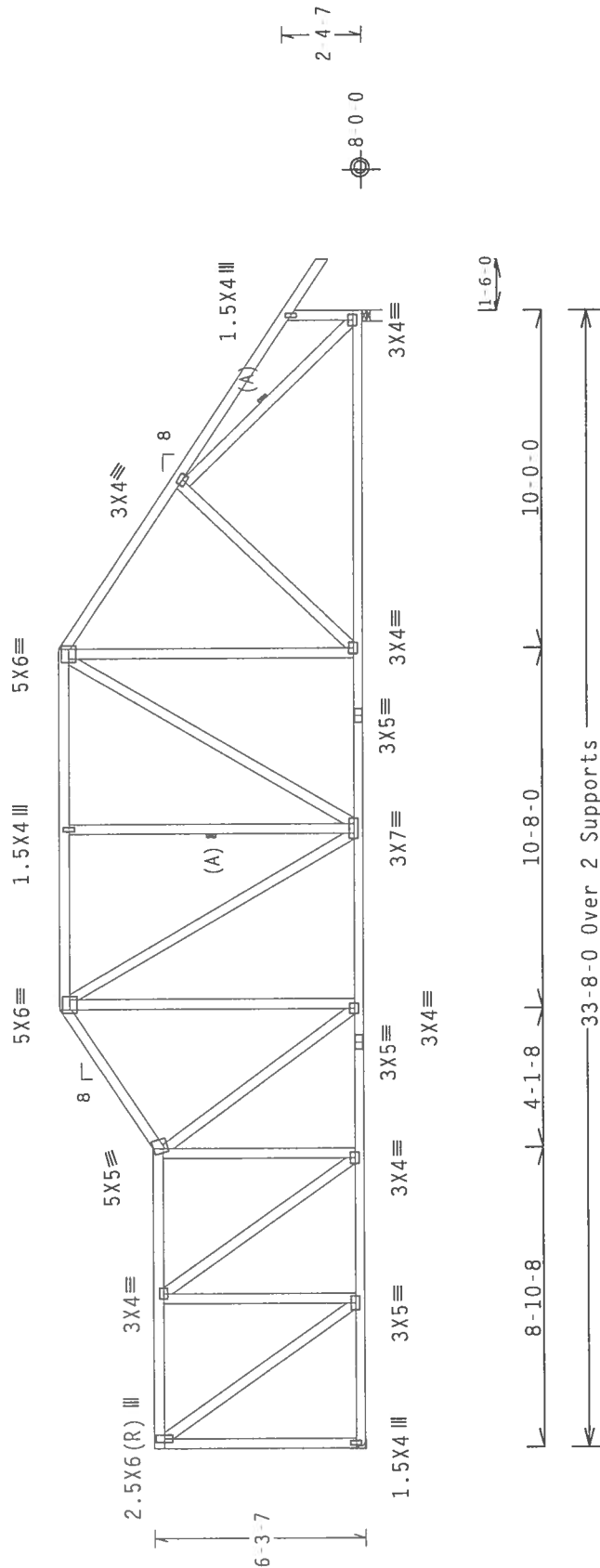
110 mph wind, 13.20 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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.



R-1345 U-255 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-1445 U-277 W=4"

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)

19.6

FL / - / 4 / - / R / -

Scale = .1875" / Ft.

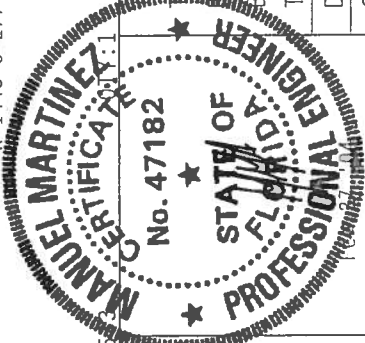
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RESISTANCE TO WIND UPLIFT AND DOWNDRAFT FOR MORE INFORMATION. SEE TPI-1995 (STD) FOR MORE INFORMATION. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-1995 (STD) OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, OR CONNECTIONS WITH APPLICABLE PROVISIONS OF AISC, (NATIONAL DESIGN SPEC., BY AISC) AND TPI-1995 (STD) SHALL BE THE RESPONSIBILITY OF THE USER. TRUSSES ARE MADE OF 20/10/10GA (N.W.S/2) ASH 6053 GRADE 40/60 (N.W.S/2) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS TYPED. ANY INSPECTION OF TRUSSES FOLLOWED BY (1) SHALL BE PER AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE DESIGN AND CONSTRUCTION OF THE TRUSS. THE SIGNATURE OF THE PROFESSIONAL ENGINEER SHALL BE THE RESPONSIBILITY OF THE BUILDING INSPECTOR PER AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE DESIGN AND CONSTRUCTION OF THE TRUSS.



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

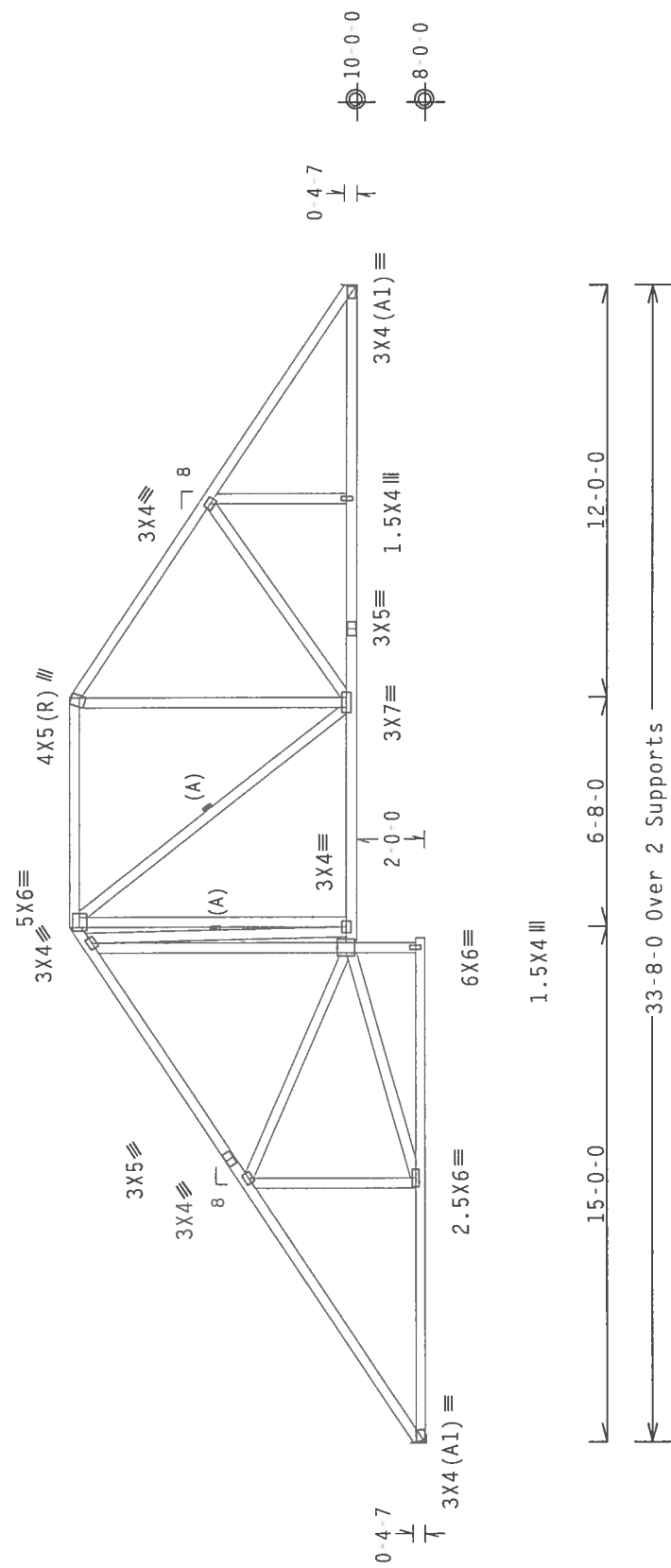
FL Certificate of Authorization # 567



REF	R487 --	5450
DATE	02/27/04	
DRW	HCUSR487	04058036
HC-ENG	JB/MMA	
SEQN	70975	
FROM	JP	
JREF	1SAR487_Z01	

110 mph wind, 13.37 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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



R-1347 U-217 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=1347 U=222 H=Simpson HUS26
 (6) 10d Common, 0.148"x3.0" nails in Truss
 (1) 10d Common, 0.148"x3.0" nails in Girder
 (1) 2X6 min. So.Pine

PLT TYP. Wave TPI



ALPINE

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

Design Crit: TPI-1995 (STD) 19.63

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DGS1 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D ORRIS 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 UNCTIONS. UNLESS OTHERWISE INDICATED, JOINTS AND SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS IS THE DESIGNER AND RESPONSIBLE FOR ANY CALCULATIONS, DESIGN, FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING OF THIS TRUSS. THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/ASA) AND TPI. ALPINE CONNECTION PLATES ARE MADE OF 2024/T306A (H/2/S/P) ASH OR A653 GRADE 40/60 (H, P, H/2/S) GALV. STEEL. PLATES TO EACH END OF TRUSS AND, UNLESS OTHERWISE LOCATED OR THIS DESIGN, POSITION PER DRAWINGS T00A, 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMBX X3 OF TPI 1 2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SUELEY FOR THE TRUSS CONTRACTOR SHALL SIGN. THE SUITABILITY AND USE OF THIS CORP WHEN FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMS/TPI 1 SEC 2

Scale = .1875" / Ft.

REF R487 - 5451

DATE 02/27/04

DRW HCUSR487 04058037

HC-ENG JB/MMA

SEQN- 71040

FROM JP

JREF 15AR487 Z01

FL / - / 4 / - / R / -

LL 20.0 PSF

DL 10.0 PSF

BL 10.0 PSF

LL 0.0 PSF

TOT.LD. 40.0 PSF

DUR.FAC. 1.25

SPACING 24.0"

MANUFACTURED BY

STATE OF FLORIDA

PROFESSIONAL ENGINEER

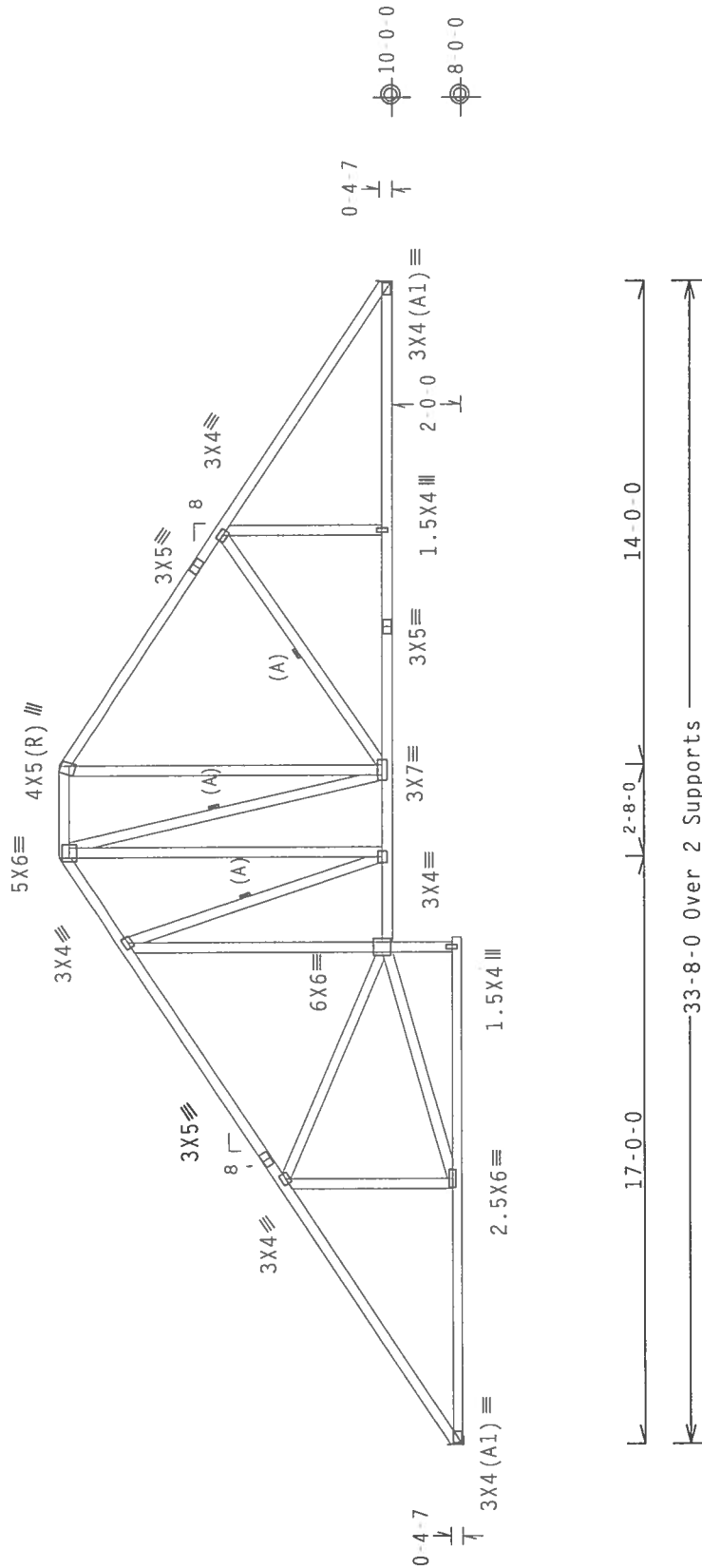
No. 47182

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

110 mph wind, 14.04 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf.

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

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



R-1347 U=214 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-1347 U 218 H-Simpson HUS26
10d Common, 0.148"x3.0" nails in Truss
10d Common, 0.148"x3.0" nails in Girder
12X6 min. So.Pine

PLT TYP. Wave TPI

Design Crit: TPI-1995 (STD)

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

Scale = .1875"/Ft.

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND DRIVING. ALWAYS CONSULT THE TRUSS MANUFACTURER'S PUBLISHED JOINTS, LUGS, PLATE INSTITUTE, 583
N. DOWNEY DR., SUITE 200, MADISON, WI 53719, AND NCA, 14001 BRUSS COUNCIL OF AMERICA, 6000 ENTERPRISE LN.,
MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP
CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED
CEILING STRING.

REF	R487--	5452
DATE	02/27/04	
DRW	HCUSR487	04058038
HC-ENG	JB/MMA	
SEQN-	71044	
FROM	JP	
JREF-	1SAR487	Z01

A circular professional engineer seal for the State of Florida. The outer ring contains the text "STATE OF FLORIDA" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by stars. Inside the ring, the number "No. 47182" is on the left and the date "FEB 22 1994" is on the right. The center of the seal features a large, stylized "E" with a diagonal line through it.

*****WARNING***** BRUSSES EXTREME CABLE IN FABRICATION, HANDLING, SHIPPING, INSTALLATION AND BRACING. SEE REF. TO BCSJ 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 2ND FLOOR DR., SUITE 200, MADISON, WI 53719), AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE, LN., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO FORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

*****IMPORTANT***** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY ALTERATION TO BUILD THE DESIGN CONCEPTS WITH ANY AVAILABLE PROVISIONS OF ANY NATIONAL DESIGN SPEC. (BY AIA/CES AND TPI) OR ANY OTHER CODES SHALL BE MADE OF 20/10/10GA (W/5/10/10) ASTM A663 GRADE 40/60 (W/ 4/10/5) GALV. STEEL. APPLY PLATES TO EACH FACE OF JOINTS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION TOP BRACINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMX AT X OF 1/1/1 2002 SEC. 3. REPAIRING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY TO SOLELY FOR THE TRUSS COMPONENT DESIGN. SHOWN. THE SUBMITTAL AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING OWNER. (PER AMX/1/1/1 2002 SEC. 2).



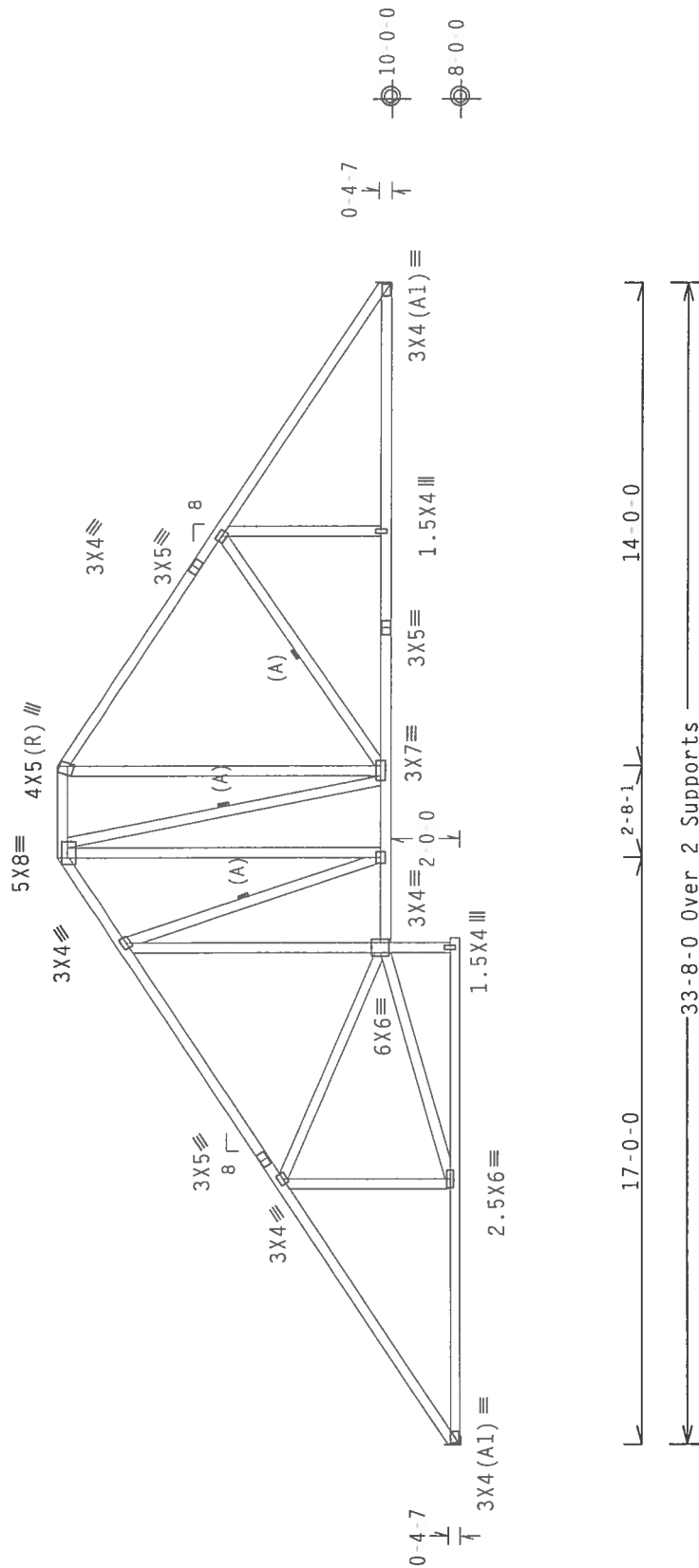
ALPINE
 Alpine Engineered Products, Inc.
 1930 Marley Drive
 Haines City, FL 33844

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

110 mph wind, 14.04 ft mean hgt, ASEC 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

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



R=1347 U=214 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-1347 U-218 H-Simpson HUS26
 10d Common, 0.148"x3.0" nails in Truss
 10d Common, 0.148"x3.0" nails in Girder
 112X6 min. So.Pine

PLT TYP. Wave TPI

Design Crit: TPI-1995 (STD)

19.63

EL/-/4/-/-/R/-/-

Scale = 1875"/Ft

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND UNLOADING. REPEATEDLY CONSULT TRUSSING COMPONENT SAFETY INFORMATION. PROHIBITED BY THE TRUSS COUNCIL OF AMERICA, 6500 ENTERPRISE DR., MADISON, WI 53719. AND WCA TRUSS COUNCIL OF AMERICA, 6500 ENTERPRISE DR., MADISON, WI 53719. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

[illegible]

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. PRODUCTS, ETC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THIS DESIGN, INCLUDING HANDLING, SHIPPING, INSTALLING, OR BRACING OF TRUSSES, CORRUPTIVE PRACTICES, OR OTHER ACTIONS BY THE USER, IS NOT COVERED BY THIS DESIGN. AIRLINE ENGINEERED PLATES TO EACH FACE OF TRUSS AND WELLS ARE REQUIRED ON ALL JOINTS. SEE ATTACHED DRAWING FOR LABEL INFORMATION. THIS DESIGN WAS DEVELOPED BY AIRLINE ENGINEERING, INC. 10600 WILLOW CREEK ROAD, SUITE 100, DALLAS, TEXAS 75243-8901. PERMANENTLY LOCATED ON THIS DESIGN, POSITION PER DRAWINGS, FIGS. 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801,

LL	20.0 PSF	REF R487 - 5453
DL	10.0 PSF	DATE 02/27/04
DL	10.0 PSF	DRW HCUSR487 04058039
LL	0.0 PSF	HC-ENG JB/MMA
TOT.LD.	40.0 PSF	SEQN- 71047
DUR.FAC.	1.25	FROM JP
SPACING	24.0"	JREF- 1SAR487 Z01

Top chord 2x6 SP #1 Dense :T1 2x4 SP #2 Dense:

Bot chord 2x6 SP #2 :B2 2x6 SP #1 Dense:

Webs 2x4 SP #3 :W4, W10 2x4 SP #2 Dense:

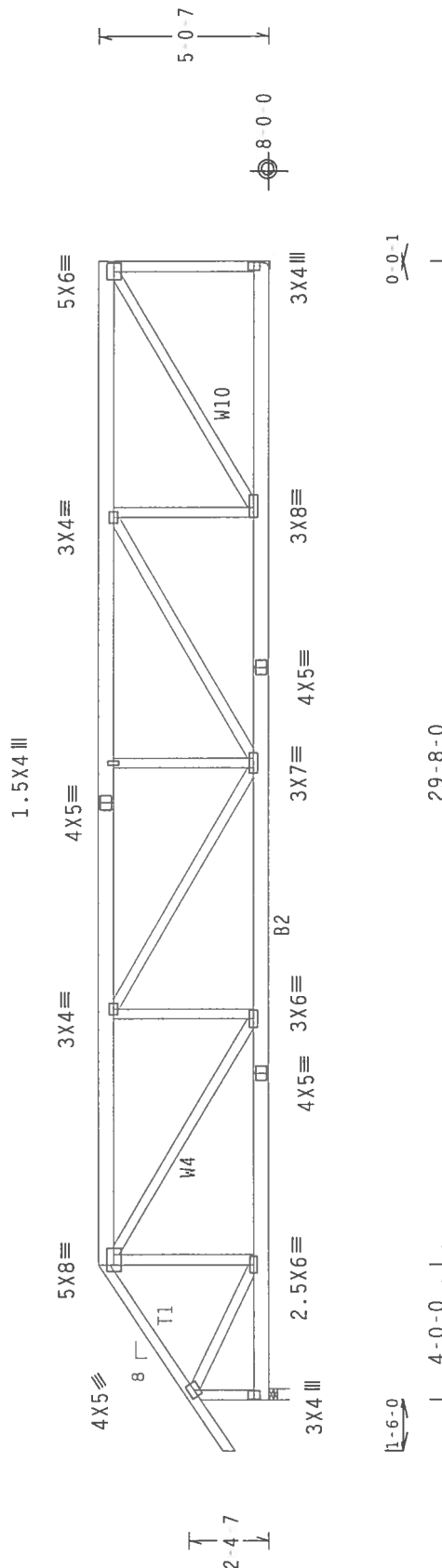
H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

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

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

End verticals not exposed to wind pressure.

#1 hip supports 4-0-0 jacks with no webs.



33-8-0 Over 2 Supports

R=1978 H=363 W=4"

R=1883 U=318 H=Simpson HUS26

(6) 10d Common, 0.148"x3.0" nails in Truss
(4) 10d Common, 0.148"x3.0" nails in Girder
Deck is (2) 2X8 min. So.Pine

Scale = .1875"/Ft.

Design Crit: TPI-1995 (STD)

[illegible]

*****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DELAYATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE PLATES CORRECTLY WILL BE THE CONTRACTOR'S RESPONSIBILITY. THE FOLLOWING INFORMATION IS REQUIRED FOR THE DESIGN: CONTRACTOR PROVIDES THE FOLLOWING INFORMATION: DESIGN SPEC., PER APPROVED DRAWINGS AND MATERIALS. CONTRACTOR PLATES ARE MADE OF 2019/T3 ASH 6061 GRADE .040/.050 IN. THICK GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND WELDS OVERLAP/LOCATED ON THIS DESIGN. POSITION PER DIMENSIONS LOKA 7. AN INSPECTOR OF PLATES FOLLOWED BY IT, SHALL BE PER AMEC AS OF APRIL 2002 SEC. 3. A SEAL ON THIS WRAPPING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSSES COMPILED DESIGN SHOWN. THE SUBMITTAL AND USE OF THIS COMPLIMENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER VOL.1/P.1 SEC. 2.

PLT TYP. Wave TPI

REF	R487 - -	5454
DATE	02/27/04	
DRW	HCUSR487	04058040
HC - ENG	JB/MMA	
SEQN -	71336	
FROM	JP	
DUR.FAC.	1.25	
SPACING	24.0"	



Alpine Engineered Products, Inc.
1950 Marley Drive

Haines City, FL 33844
FL Certificate of Authorization # 567

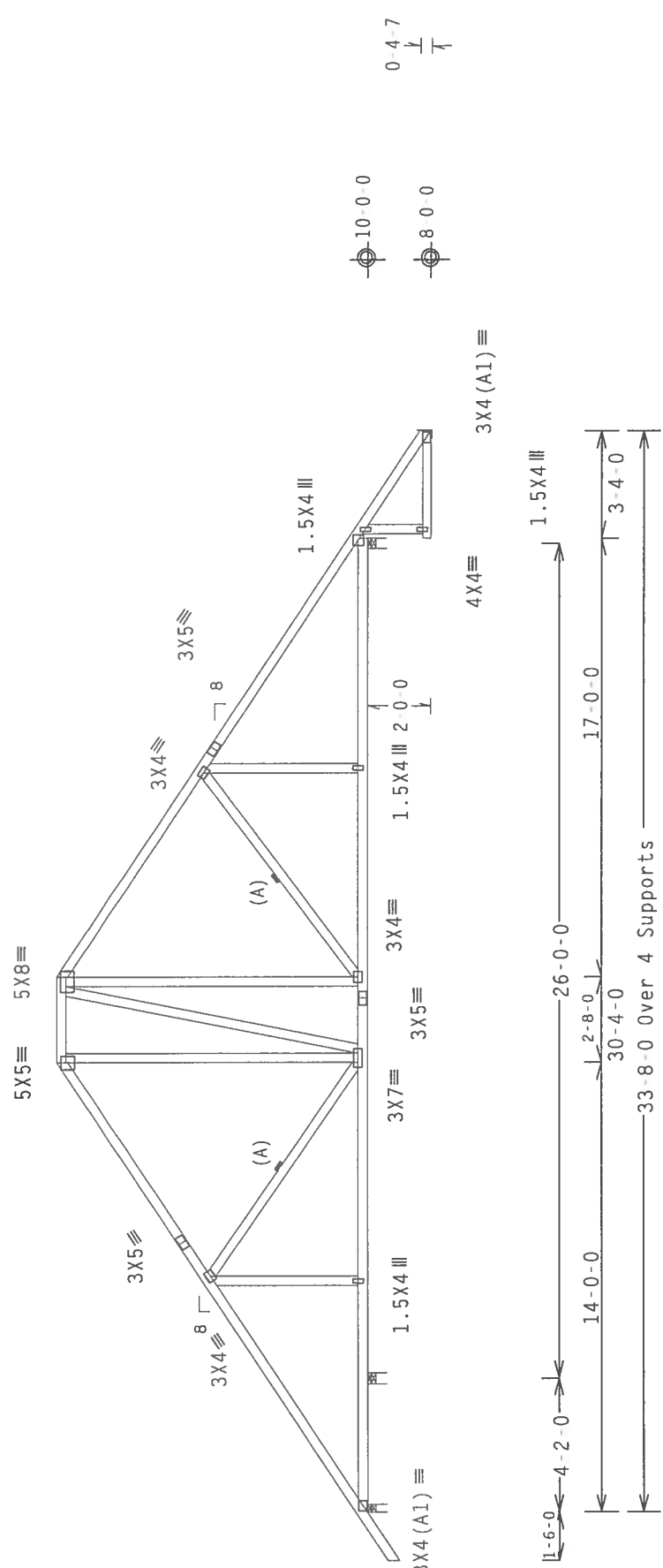
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

10 mph wind, 14.04 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

4 = 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.

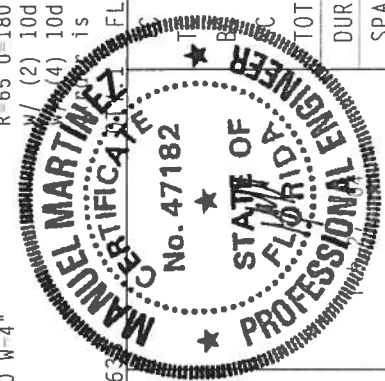
(A) Continuous lateral bracing equally spaced on member.

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



R-65 U-180 H=Simpson LU24
w/ (2) 10d, 0.148"x1.5" nails in Truss
(4) 10d Common, 0.148"x3.0" nails in Girder
is (1)2X6 min. So.Pine

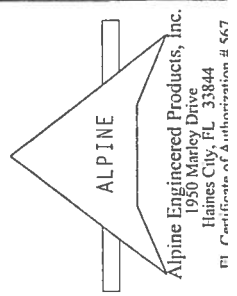
FL / - / 4 / - / - / R / -	Scale = .1875" / Ft.
LL 20.0 PSF	REF R487 - - 5455
DL 10.0 PSF	DATE 02/27/04
DL 10.0 PSF	DRW HCUSR487 04058041
LL 0.0 PSF	HC - ENG JB/MMA
TOT.LD. 40.0 PSF	SEQN - 71204
DUR.FAC. 1.25	FROM JP
SPACING 24.0"	JREF - 1SAR487 Z01



****WARNING**** RUSSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCS-1, D03 (BUILDING COMPONENT SAFETY) AND INFORMATION PUBLISHED BY TPI (TRUSS PITCH INSTITUTE, 583 C/O MURPHY CORP., SUITE 100, MADISON, WI 53719), AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE BLVD., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED, TOP CHORD CEILING.

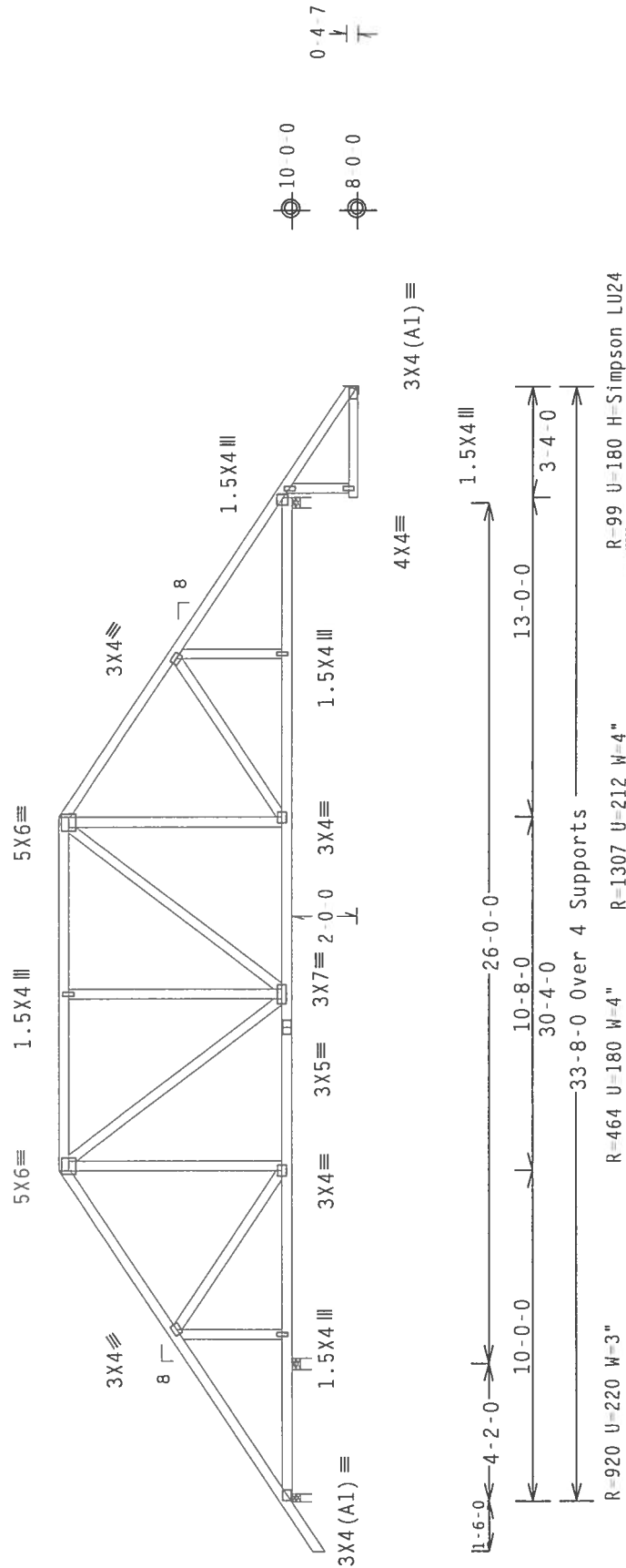
[illegible]

PLT TYP. Wave TPI



110 mph wind, 12.70 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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



R-99 U=180 H=Simpson LU24
 10d, 0.148"x1.5" nails in Truss
 Common, 0.148"x3.0" nails in Girder
 12X6 min. So.Pine

[illegible]

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

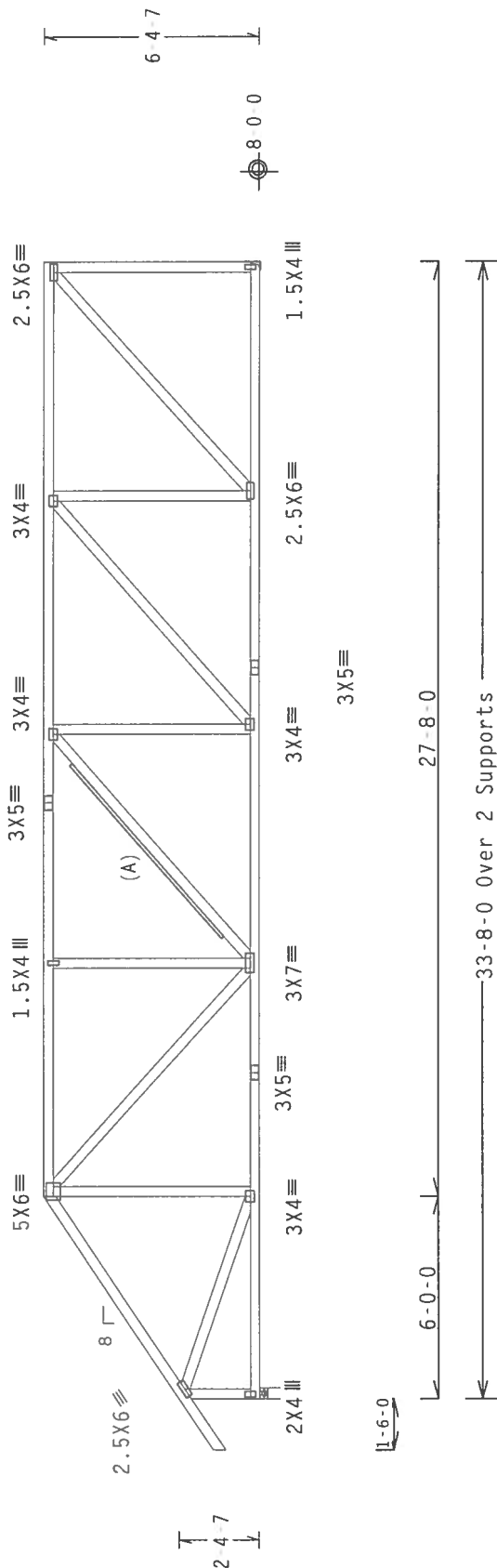
110 mph wind, 11.87 ft mean hgt., ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

End verticals not exposed to wind pressure.

(A) 1x4 #3 or better "I" brace. 80% length of web member. Attach with 8d nails @ 6" OC.

H = recommended connection based on manufacturer tested capacities and recalculations. 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=1445 I=286 W=4"

R=1345 U=264 H-Simpson HUS26
10d Common, 0.148"x3.0" nails in Truss
10d Common, 0.148"x3.0" nails in Girder
2X6 min. So.Pine

PIT TYP Wave TPT

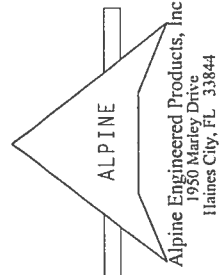
Design Crit: TPI-1995 (STD)

19.63

Scale = 1875"/ft

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. WRITER TO BEST 1-03 (BUILDING COMPONENT SAFETY AND INFORMATION), PUBLISHED BY THE (KROSS PAPER INSTITUTE, 581 1/2 DONIPHAN DR., SUITE 200, PADISON, WI 53719) AND THE (WOOD PRESERVATION AND SERVICE COUNCIL OF AMERICA, 6161 E. LEPAGE DR., PADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, ALL TRUSSES SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAIRS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED TOP CHORDS.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS TO THIS DESIGN CONFORMS WITH ALL APPLICABLE PROVISIONS OF NATIONAL DESIGN SPEC. BY AISC AND THE BUILDING DESIGNER PFP ANCHORS/PLATE ANGLE OR 2001/1606 (W/USP) ASIN AGES GRADE 40/60 (4 X 1/2 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 ANCH AS OF 1/11/2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PFP ANCH/PL 1 SEC. 2.



FFL Certificate of Authorization # 567

LL	20.0 PSF	REF	R487-- 5459
DL	10.0 PSF	DATE	02/27/04
DL	10.0 PSF	DRW	HCUSR487 04058045
LL	0.0 PSF	HC-ENG	JB/MMA
TOT.LD.	40.0 PSF	SEQN-	71224
DUR.FAC.	1.25	FROM	JP
SPACING	24.0"	JREF-	1SAR487_Z01

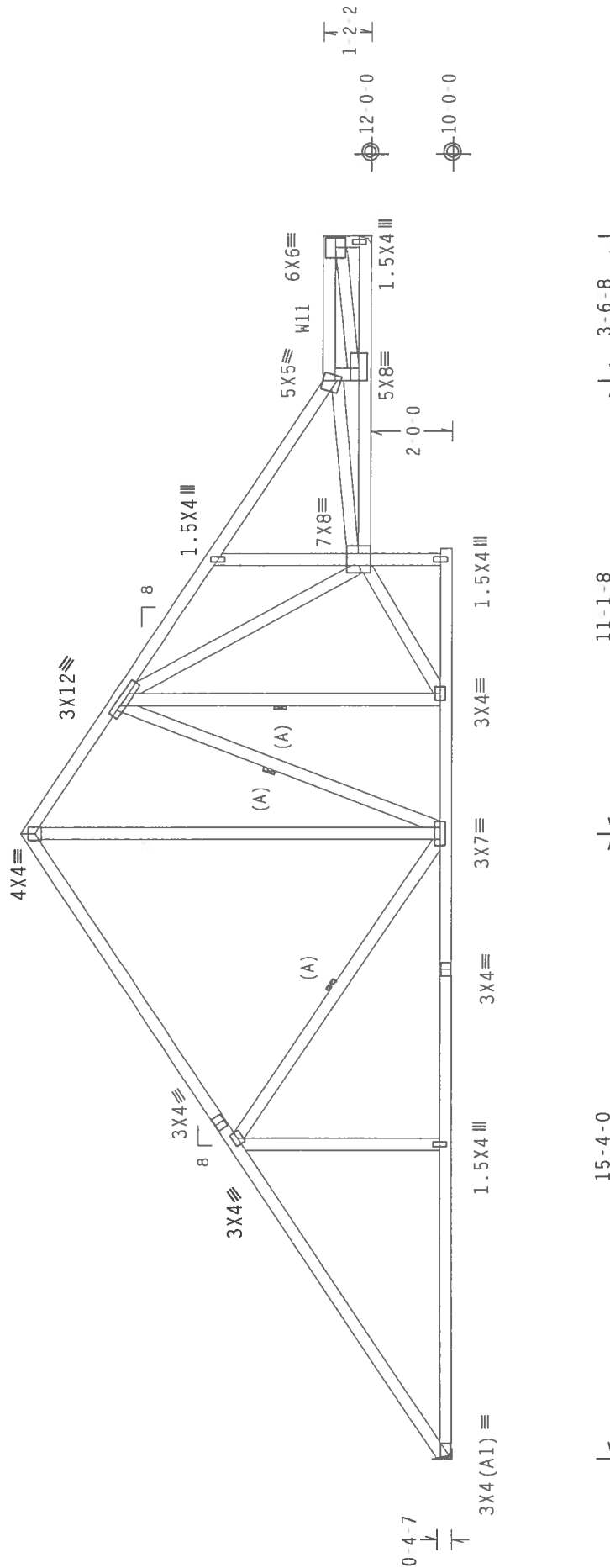
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W11

110 mph wind, 15.48 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

(A) Continuous lateral bracing equally spaced on member.

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



-30-0-0 Over 2 Supports -

R=1210 U=193 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-1190 U-206 H-Simpson HUS26
 10d Common, 0.148"x3.0" nails in Truss
 10d Common, 0.148"x3.0" nails in Girder
 2X6 min. So. Pine

PLT TYP.: Wave TPI

Design Crit: TPI-1995 (STD)

19

****WARNING**** TRUSSES REQUIRE CARE IN FABRICATION, ERECTION, AND COMPLETION. THE FOLLOWING COMPANIES ARE RECOMMENDED FOR THE DESIGN, FABRICATION, ERECTION, AND COMPLETION OF TRUSSES. THESE COMPANIES ARE NOT ENDORSED BY THE TRUSS COUNCIL OF AMERICA. 6350 UNIVERSITY DR., SUITE 200, MADISON, WI 53719, AND MTCA (WOOD TRUSS COUNCIL OF AMERICA) 6350 UNIVERSITY DR., SUITE 200, MADISON, WI 53719. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, LLC, SHALL NOT BE RESPONSIBLE FOR ANY OVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF WISCONSIN DESIGN SPEC. BY KEARNEY AND PETERSON. CONNECTOR PLATES ARE MADE OF 20X10X .125 AL-6061 T6 ASH-805 GRADE 40/60 (4 X 1/8) S. EASY, APPLY PLATES TO EACH FACE OF TRUSS AND, WELD 1/8X2X1/8 PLATE LOCATED ON THIS DESIGN POSITION FOR DRAINING. LOGS 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMEX AT OF APRIL 2009 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY TO SUFFY FOR THE TRUSS COMPONENT OF THE SHOWN. THE SUSTAINABLE AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. PER AMEX/PT 1 SEC. 2.

Scale = .25"/Ft.

C LL	20.0	PSF	REF	R487 - -	5460
C DL	10.0	PSF	DATE	02/27/04	
C DL	10.0	PSF	DRW	HCUSR487	04058046
C LL	0.0	PSF	HC-ENG	JB/MMA	
TOT.LD.	40.0	PSF	SEQN-	71301	
DUR.FAC.	1.25		FROM	JP	
SPACING	24.0"		JREF-	1SAR487	Z01



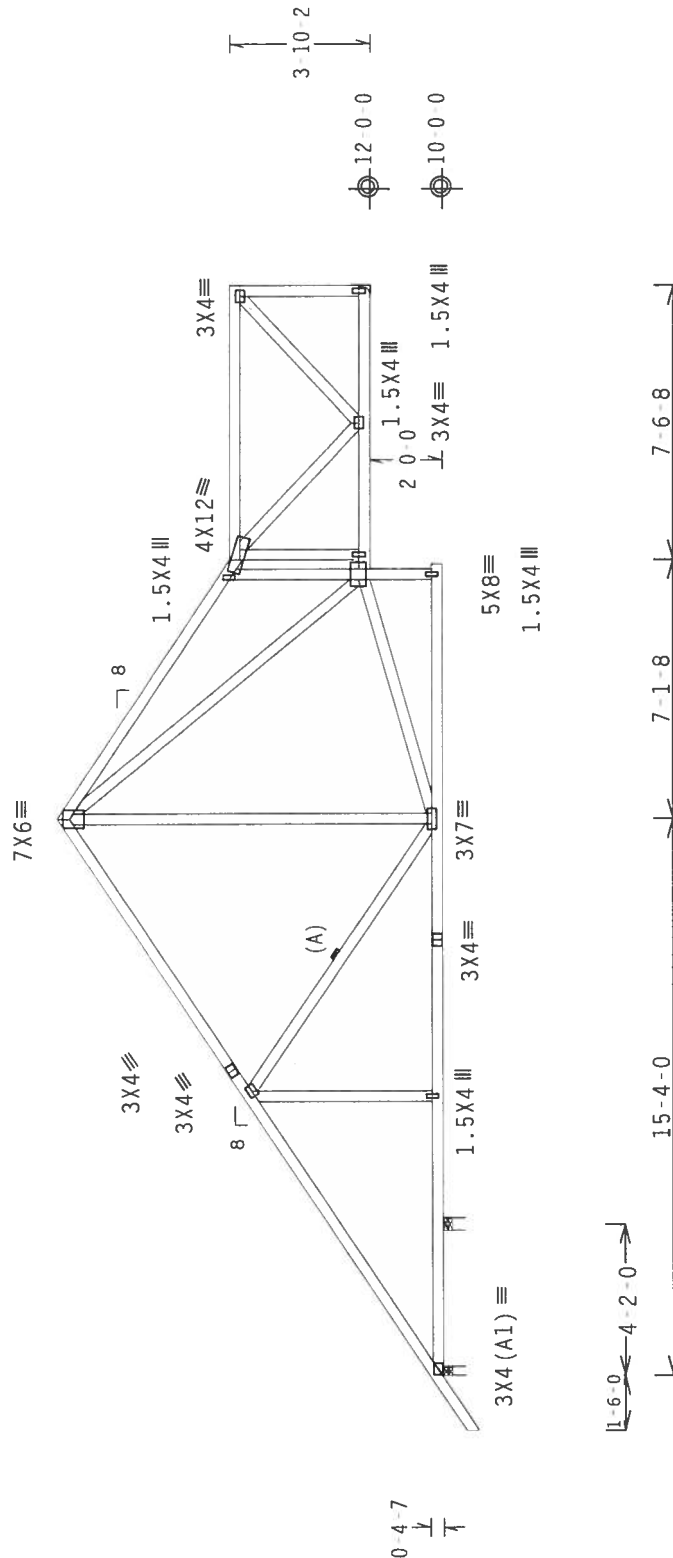
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844

FL Certificate of Authorization # 567
 Gaines City, FL 33844

110 mph wind, 14.98 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

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



R-108 U-180 W 4"

R-1172 II-216 H-Simmon HUS26

Design Crit: TPI-1995 (STD)

19.634

Scale = .1875"/Ft.

WARNING TRUSSES, JOISTS, EXTREME CARE IN FABRICATING HANDLING, SHIPPIING, INSTALLING AND BRACING. READ INSTRUCTIONS. (FOR BUILDING COMPONENT INFORMATION, PUBLISHED BY THE TRUSS PLATE INSTITUTE, 593 WEST 100TH STREET, 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 TOP CHORD CEILING.

ALPINE

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

FL Certificate of Authorization # 567

[illegible]

W/MARTINA 0.148"x3.0" nails in Girder..5 min. So.Pine

A circular professional engineer seal for the State of Florida. The outer ring contains the text "FLORIDA PROFESSIONAL ENGINEER" at the top and "STATE OF FLORIDA" at the bottom, separated by stars. The center of the seal contains the text "No. 47182" and "12/1/99".

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THESE TRUSSES ARE THE PROPERTY OF THE TRUSS PLATE INSTITUTE, 5931 WOODBURN RD., SUITE 200, MADISON, WI 53719, AND MUST BE USED IN ACCORDANCE WITH THE TRUSS PLATE INSTITUTE'S DESIGN SPECIFICATIONS. TRUSSES FROM THE TRUSS PLATE INSTITUTE OF AMERICA, 6300 OVERLUSH, U.S. 101, MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSSES TO THE SPECIFICATIONS OF THE TRUSS PLATE INSTITUTE'S DESIGN SPECIFICATIONS SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE TRUSS PLATE INSTITUTE'S DESIGN SPECIFICATIONS FOR APPLICABLE TRUSSES OF THIS (NATIONAL) DESIGN SPEC. NO. (FAPA) AND (FPA) CONNECTIONS ARE MADE ON 2007/10/16 (A) (WUSP) 35TH A653 GRADE 40/60 (A) (WUS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING 160A. 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED AT 01-11-2002 SPEC. 3. A SEAL ON THIS DRAWING INDICATES THE AVAILABILITY OF PROFESSIONAL ENGINEERING RESPONSIBILITY. VERIFY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPANION FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

REF	R487 - -	5462
DATE	02/27/04	
IRW	HCUSR487	04058048
IC	ENG JB/MMA	
EQN	- 71309	
FROM	JP	
REF	1SAR487	Z01

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

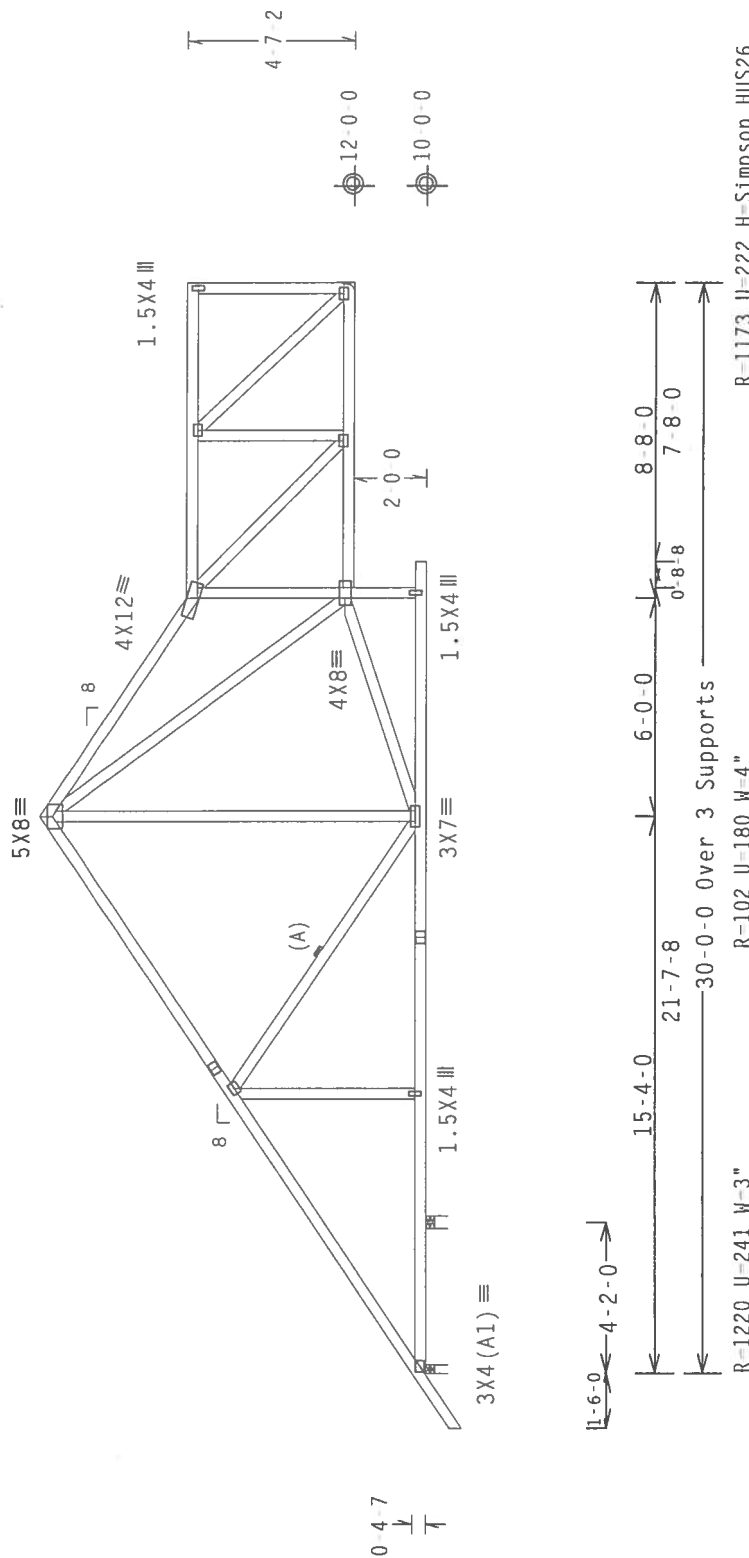
110 mph wind, 14.98 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP 8, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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.



Note: All Plates Are W3X4 Except As Shown.

PLT TYP. Wave TPI

Design Crit: TPI-1995 (STD)

FILE 1-141-1-1R1-

Scale = 1875"/Ft

WARNING THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THUSSES MUST BE PROPERLY COMPLETED AND SECURED TO THE CHORDS. (SEE PLATE 100, FIGURE 303) FOR MORE INFORMATION. THE TRUSS COUNCIL OF THE UNITED STATES, 100 MADISON, MI 48209, AND MICHAEL E. MADISON, MI 48219, ARE THE TRUSS COUNCIL'S OFFICIAL ENGINEERS. THUSSES MUST BE PROPERLY ATTACHED TO THE CHORDS PRIOR TO PERFORMING THEIR FUNCTIONS. UNLESS OTHERWISE INDICATED, ALL THUSSES MUST 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. THE SEALANT SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE DESIGN CONFORMS WITH APPLICABLE PRESCRIPTIVE OR NON-PRESCRIPTIVE DESIGN SPEC. PER ACPA AND THE CONNECTION PLATES ARE MADE OF 2014-T3 ALUMINUM (AL-6063) 457H 4050 GRADE 40/60 (F 438) GALV. STEEL. PLATES IN EACH FACE OF BRISSES AND WELLS THIRTYFOUR (36) INCHES LONG POSITION PER DRAWINGS FIGO 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMX AT OF APRIL 2002 SEC. 1. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SURETY FOR THE BRISSES COMPONENT DESIGN SHOWN. THE SUBMITTAL AND USE OF THIS COMPONENT FOR ANY INCLUDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMX AT OF APRIL 2002 SEC. 2.

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REF- 1SAR487 Z01

SPACING 24.0"

Figure 1

PLATE 2.

Haines City, FL 33844
FL Certificate of Authorization

(065-ARARON SIMQUE / SKROWON - AT3)

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

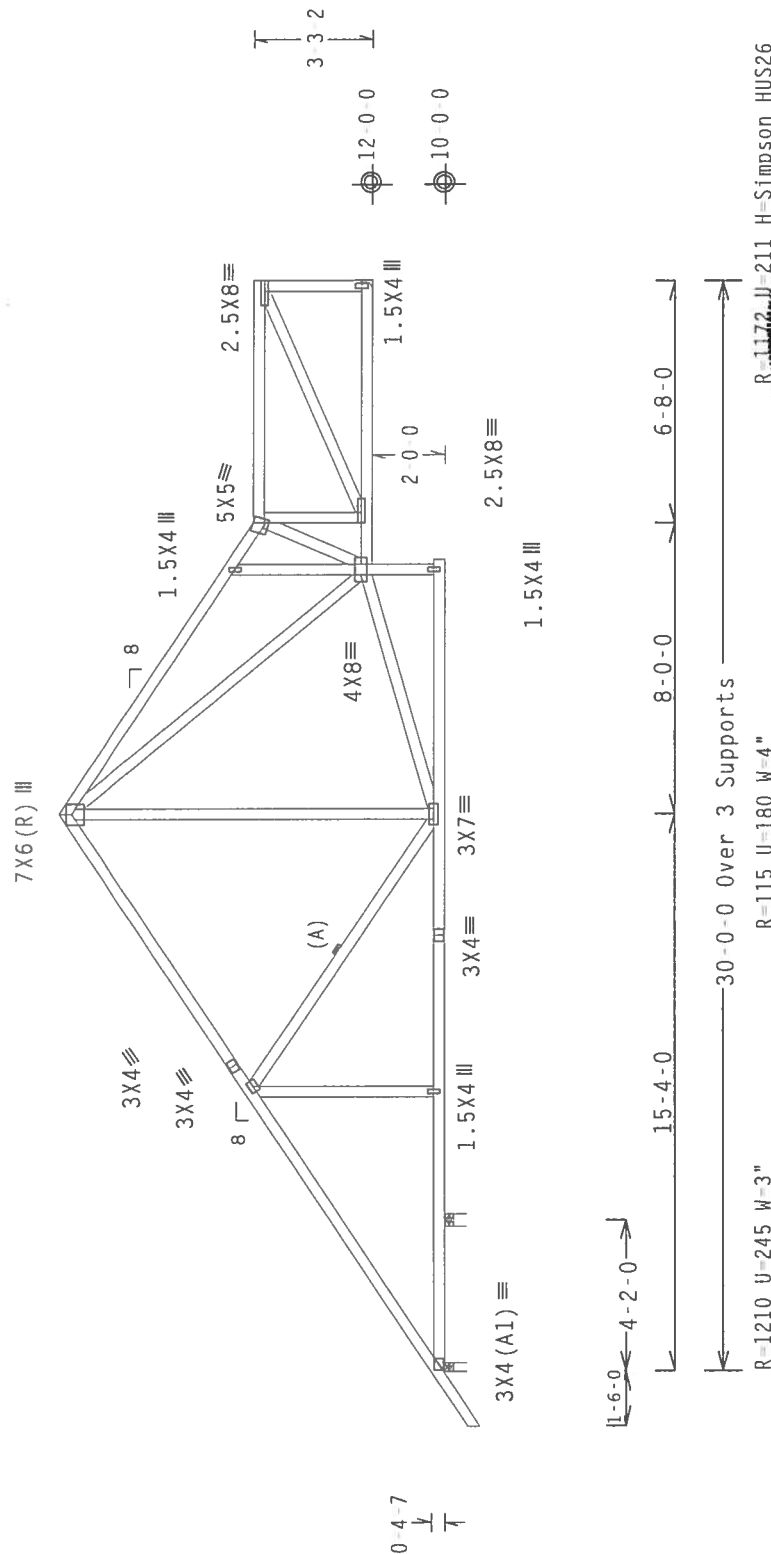
110 mph wind, 14.98 ft mean hgt, ASCE 7-98, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC
DL=5.0 psf.

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

Right end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

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



PLT TYP. Wave TPI

Design Crit: TPI-1995 (STD)

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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE 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 BOYS (NATIONAL DESIGN SPEC., BY AIA/SA) AND TPI. ALL THE CODES FOR PLATES ARE BASED ON 2018/16GA (4-10/5/PS) ASH 1603 GRADE 40/60 (V, R/A/S) 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 AREA AT OF TPI 2002 SEC. 1. A SEAL OR THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOFTLY FOR THE TPISS CONFORM TO DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMBINATION OF BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMSE/TPI 1 SEC. 2.



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

FL Certificate of Authorization # 567

R-1172 U=211 H=Simpson HUS26

W=Common, 0.148"x3.0" nails in Truss
W=Common, 0.148"x3.0" nails in Girder
min. So.Pine

Scale = .1875" / Ft.

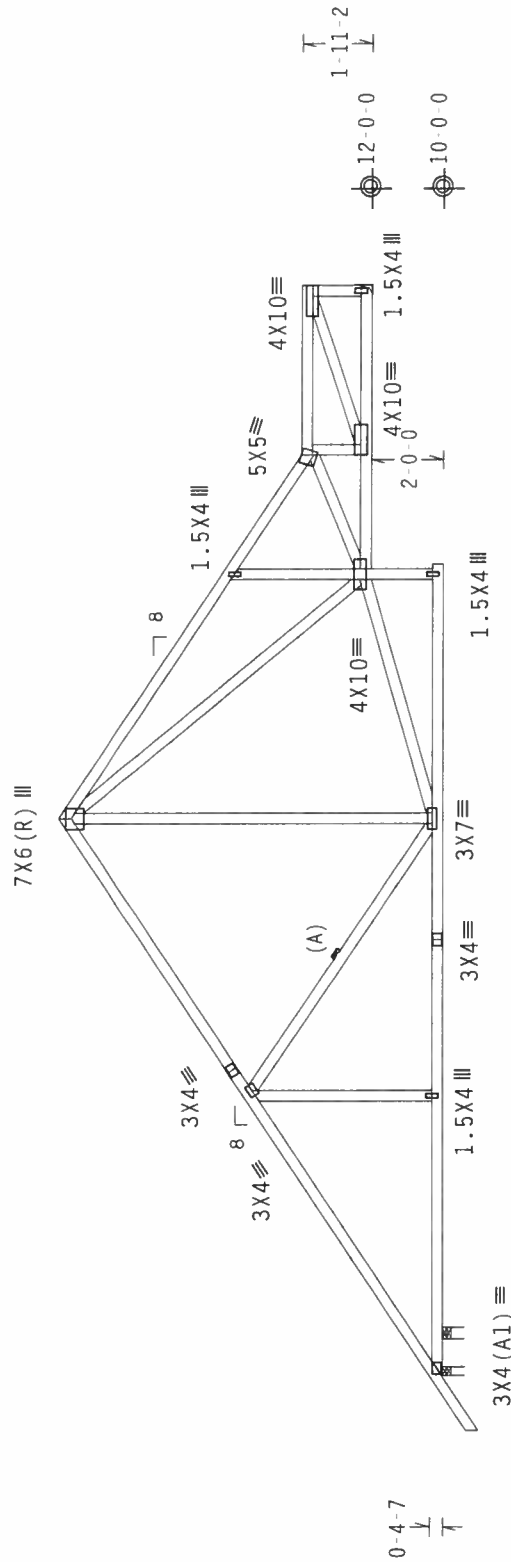
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DL	10.0 PSF	DATE	02/27/04	
DL	10.0 PSF	DRW	HCUSR487	04058050
LL	0.0 PSF	HC-ENG	JB/MMA	
TOT.LD.	40.0 PSF	SEQN	71315	
DUR.FAC.	1.25	FROM	JP	
SPACING	24.0"	JREF	1SAR487_Z01	

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

110 mph wind, 14.98 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

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



1-6-11-2-0

Diagram illustrating the distribution of 30-0-0 fertilizer over 3 supports:

- Top line: 15-4-0 split into two 10-0-0 sections and a 4-8-0 section.
- Bottom line: 15-4-0 split into a 10-0-0 section and a 5-4-0 section. The 5-4-0 section is further divided into two 30-0-0 sections over 3 supports.

R=107 U=180 W=4^H
R=1205 U=268 W=3^H

R=1183 U-204 H=Simpson HUS26
 1/2" x 3" x 18" Common, 0.148"x3.0" nails in Truss
 1/2" x 3" x 18" Common, 0.148"x3.0" nails in Girder
 1/2" x 3" x 18" Common, 0.148"x3.0" nails in Joist. So.Pine
 1/2" x 3" x 18" Common, 0.148"x3.0" nails in Joist. So.Pine

PLT TYP. Wave TPI

Design Crit: TPI-1995 (STD)

19.634

FILE 1-141-1-1R1-

Scale = 1875"/Ft

****WARNING**** FRIGES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. ALL FRIGES MUST BE SHIPPED BY AIR TO THE CHASS PLANT INSTITUTE, 583 DOWNSHIP RD., SUITE 100, MADISON, WI 53719. ALL MICROPROCESSORS MUST BE SHIPPED BY AIR TO THE CHASS PLANT INSTITUTE, 583 DOWNSHIP RD., SUITE 100, MADISON, WI 53719. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, PLEASE REFERENCED TO THE USER'S MANUAL ATTACHED TO EACH MICROPROCESSOR. TOP THIRD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM THIRD SHALL HAVE A PROPERLY ATTACHED LIGED 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 QUESTION. ANY FAILURE TO BUILD THE DESIGN CONFORMS WITH ALL APPLICABLE PROVISIONS OF NATIONAL DESIGN SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO SECTION 506.1.1 AND 506.1.2 OF THE AISC STEEL EDITION 2002.

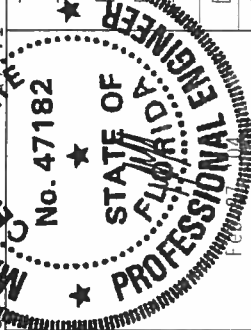
CONNECTION PLATES API MADE OF 20/10/1068A UL 94V-0 ASH 4653 GRADE 40/60 (F 438 SS) GALV. STEEL APPLIED TO BOTH SIDES OF THE PIPE. THE CONNECTION PLATE IS TO BE WELDED TO THE PIPE USING 7018 E70T1C ELECTRODES.

IF ANY INSPECTION OF PLATES FOLLOWED BY UJ SHALL BE PER AMUL AT IN 1911-2002 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. PFR ABUILDING 11 SEC. 2.



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Haines City, FL 33844

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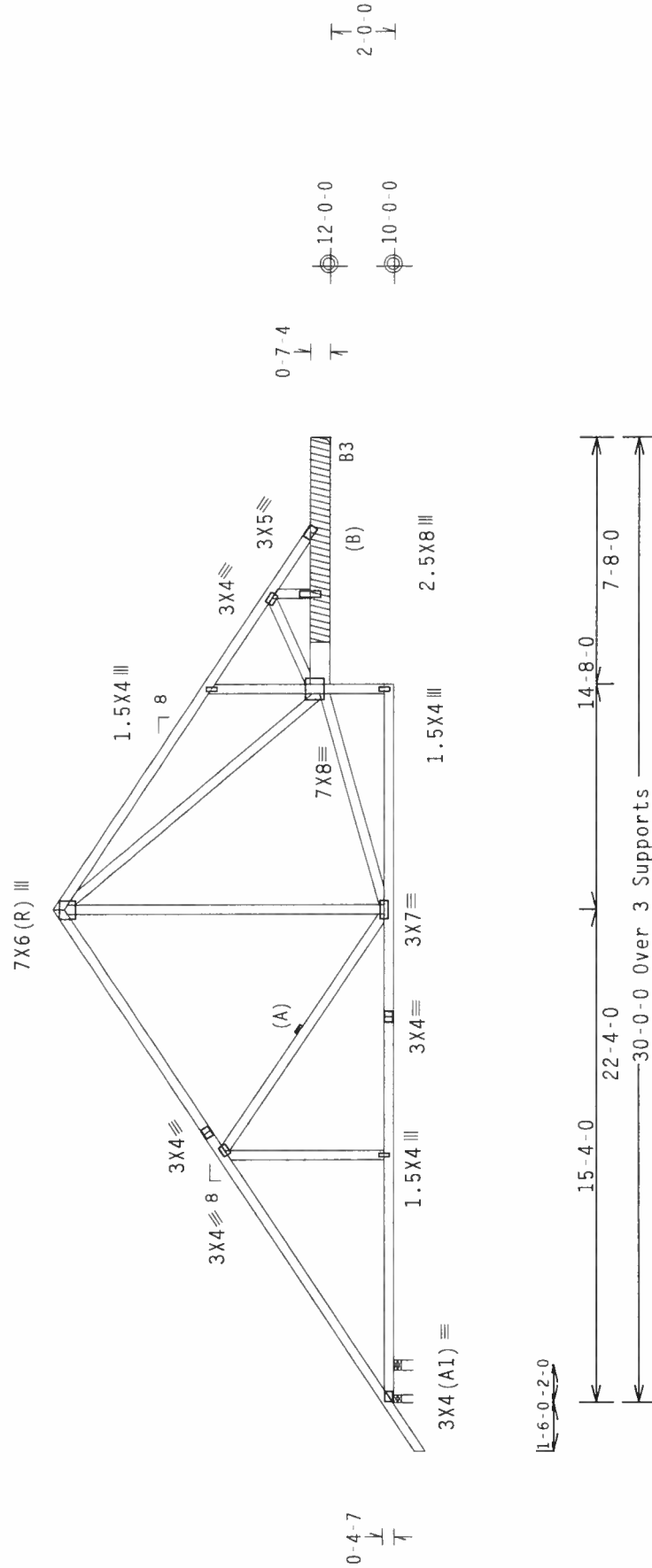
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DATE	02/27/04	
DRW	HCUSR487	04058051
HC-ENG	JB/MMA	
SEQN-	71318	
FROM	JP	
JREF-	1SAR487	Z01

110 mph wind, 14.98 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

(1) 2x8x6-4-5 SP SS scab at right end. Attach scab to face of chord with:
12d common nails @ 8" OC, plus additional nail clusters at: BRG.: (4),
heel: (10), 1st panel point: (6).

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.00.

 $R=130 \quad \psi=180 \quad W=4"$

R=1188 U=180 H=Simpson HHUS26-2
Common, 0.148"x3.0" nails in Truss
Common, 0.148"x3.0" nails in Girder
EL MARTIN
Common, So.Pine

Design Crit: TPI-1995 (STD)

19.63

Scale = .1875"/Ft.

[illegible]

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE PROJECT IN COMPLIANCE WITH TPI-1 OR FABRICATING, WELDING, SHIPPING, INSTALLING OR IMPROVING THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THIS NATIONAL MINIMUM SPEC., BY APPEAL AND TPI-1 ALPINE BUILDING CORP. HAS NO LIABILITY FOR ANY VIOLATIONS OF THIS SPECIFICATION LOCATED IN THIS SPECIFICATION. APPLICATION OF THESE TERMS AND CONDITIONS TO THE TRUSS AND JOISTS SHALL BE LIMITED TO THE FOLLOWING PER PARAGRAPHS: 1) IF AN INSPECTION OF PLAYS IS FOLLOWED BY (D) SHALL BE REPAIR UNDER AS OF TPI-1-2002 SEC.3. A SIAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF EACH SHOW. THE SAFETY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TPI-1 SEC. 2.



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1950 Marley Drive
Haines City, FL 33844

James City, FL 33844
FL Certificate of Authorization # 567

Top chord 2x4 SP #2 Dense :T1, T2 2x6 SP #2:
Bot chord 2x6 SP #1 Dense :B3, B4 2x6 SP #2:
Webs 2x4 SP #3 :W2 2x6 SP #2:
:W4, W13 2x4 SP #2 Dense:

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

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.

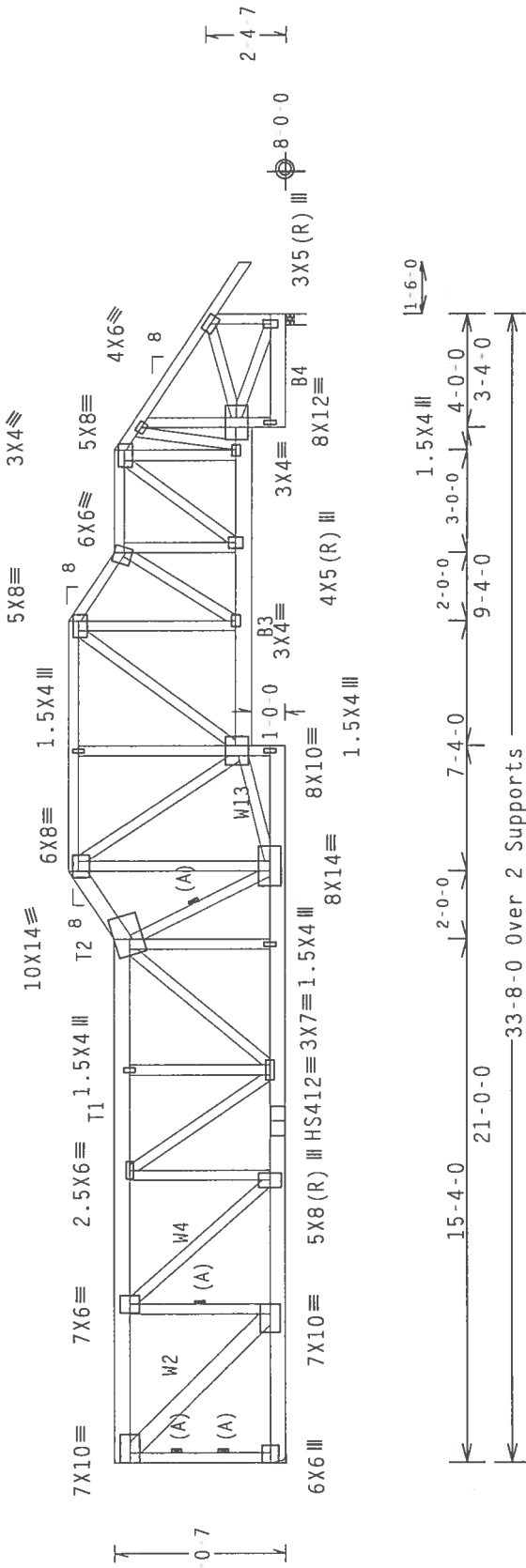
SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 60 PLF at 0.00 to 60 PLF at 35.17
BC - From 20 PLF at 0.00 to 20 PLF at 33.67
BC - From 4 PLF at 33.67 to 4 PLF at 35.17
TC - 179 LB Conc. Load at 0.40, 2.40, 4.40, 6.40
TC - 1851 LB Conc. Load at 8.27
BC - 74 LB Conc. Load at 0.40, 2.40, 4.40, 6.40
BC - 1851 LB Conc. Load at 8.27

Max JT VERT DEF: LL: 0.27" DL: 0.27" recommended camber 1/2"

(A) Continuous lateral bracing equally spaced on member.

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



R=5047 U-1606 H-Simpson HGUS28
w/ (12) 16d, 0.162"x2.5" nails in Truss
w/ (36) 16d, 0.162"x2.5" nails in Girder
Girder is (2)2X8 min. So.Pine

PLT TYP. 20 Gauge HS.Wave TPI Design Crit: TPI-1995(STD) 19.6

Scale = .1875"/Ft.

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

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONDITIONS WITH APPLICABLE PROVISIONS OF THIS (NATIONAL DESIGN SPEC., BY ACP&P) AND TPI APPLICABLE FOR PLATE FASTENING. THE DESIGNER SHALL BE RESPONSIBLE FOR THE PROPER LOCATION, SIZE, AND TYPE OF FASTENERS. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED AS OF 1991 2002 SEC. 3. A SEAL OR THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS COMPANY'S DESIGN. THE LIABILITY AND USE OF THIS COMPANY FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. TPI AND TPI SEC. 2

ALPINE

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Haines City, FL 33844
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MANUEL MARTINEZ
CERTIFICATE No. 47182
STATE OF FLORIDA
PROFESSIONAL ENGINEER

R-2456 U-617 W-4"

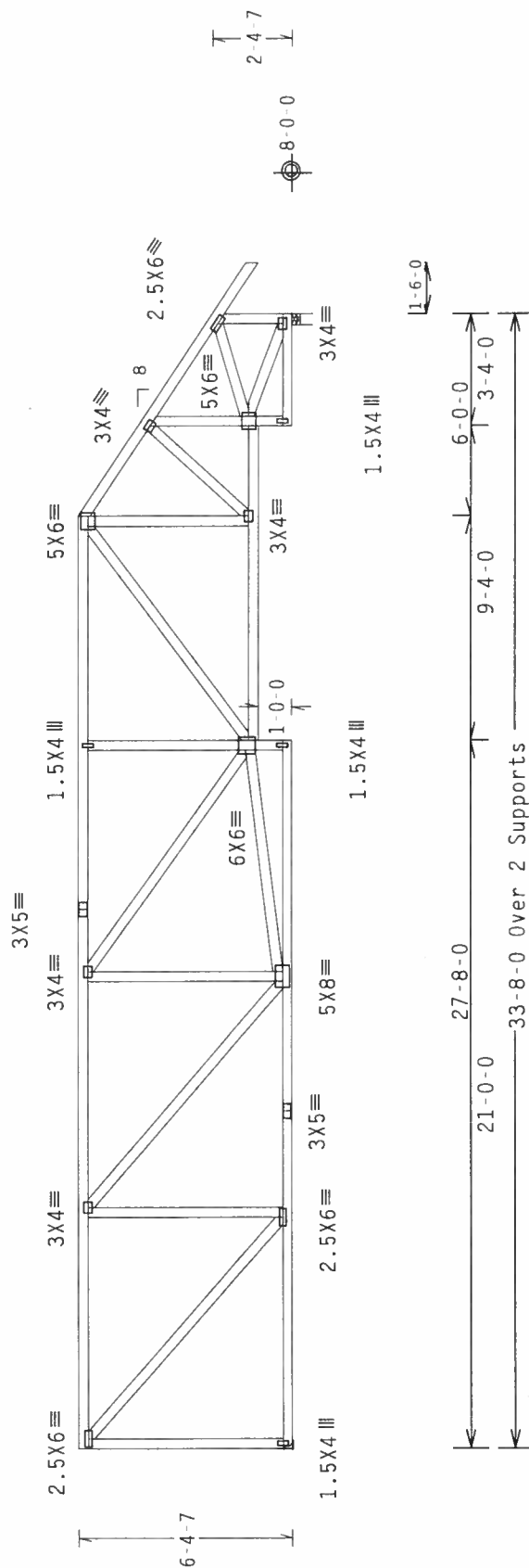
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DATE	02/27/04	
DRW	HCUSR487	04058053
HC-ENG	JB/MNA	
SEON-	70951	
FROM	JP	
JREF	1SAR487_Z01	

110 mph wind, 11.87 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

End verticals not exposed to wind pressure.

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

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



R=1345 U=264 H=Simpson HUS26

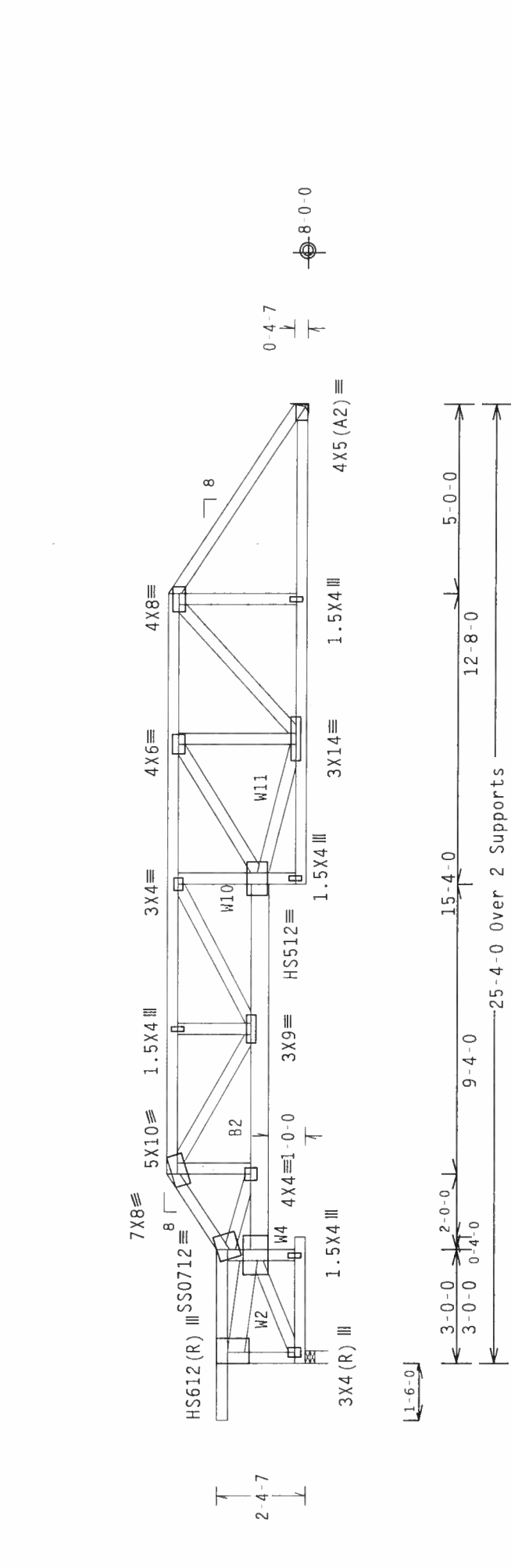
w/ (6) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So.Pine

PLT TYP. Wave TPI
Design Crit: TPI - 1995 (STD)
19.63% FL / - / - / R /
AMERICAN
Scale = 1875" / Ft.

ALPINE Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844 FL Certificate of Authorization # 567	**WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RESJ 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE - 583 GUNFORD DR., SUITE 200, MADISON, MI 53719), AND MICA (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 FABRICATION, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (HANS/K) AISC A663 GRADE 40/60 (A, K/L/S) GALV. STEEL. APPLY CORRUPTOR PLATES ARE MADE OF 20/10/10GA (W/H/S/K) AISC A663 GRADE 40/60 (A, K/L/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED OR THIS DESIGN, POSITION PER DRAWINGS 100A 2. ANY DISPOSITION OF PLATES FOLLOWED BY (1) SHALL BE PER AISC A3 OF TPI 2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SUFFICIENCY FOR THE PROSS CONFORMING DESIGN SHOWN. THE SUSTAINABILITY AND USE OF THIS CONFORMED FOR ANY BUILDING, IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.	STATE OF FLORIDA PROFESSIONAL ENGINEER No. 47182	LL 20.0 PSF T DL 10.0 PSF B DL 10.0 PSF C LL 0.0 PSF TOT.LD. 40.0 PSF DUR.FAC. 1.25 SPACING 24.0"	REF R487 -- 5468 DATE 02/27/04 DRW HCUSR487 04058054 HC-ENG JB/MMA SEQN - 70964 FROM JP JREF - 1SAR487_Z01
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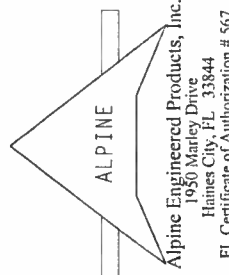
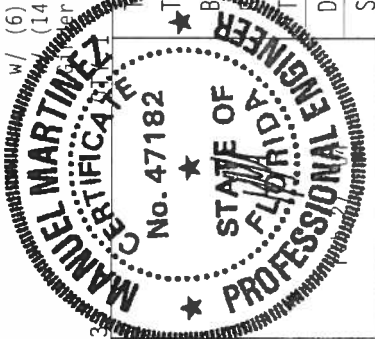
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense :B2 2x6 SP #2:
Webs 2x4 SP #3 :W2 2x6 SP #2:
:W4, W10, W11 2x4 SP #2 Dense:
110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC
DL=5.0 psf.
Left end vertical not exposed to wind pressure.
Max JT VERT DEFL: LL: 0.27" DL: 0.27" recommended camber 1/2"

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=2056 U=778 H=Simpson HUS26
w/ (6) 10d Common, 0.148"x3.0" nails in Truss
(14) 10d Common, 0.148"x3.0" nails in Girder
is (1)2X6 min. So.Pine
Scale = .25"/Ft.
FL/-4/-/-R/-

LL	20.0 PSF	REF	R487--	5469
DL	10.0 PSF	DATE	02/27/04	
DL	10.0 PSF	DRW	HCUSR487	04058055
LL	0.0 PSF	HC	ENG JB/MMA	
TOT.LD.	40.0 PSF	SEQN	70887	
DUR.FAC.	1.25	FROM	JP	
SPACING	24.0"	JREF	1SAR487	201

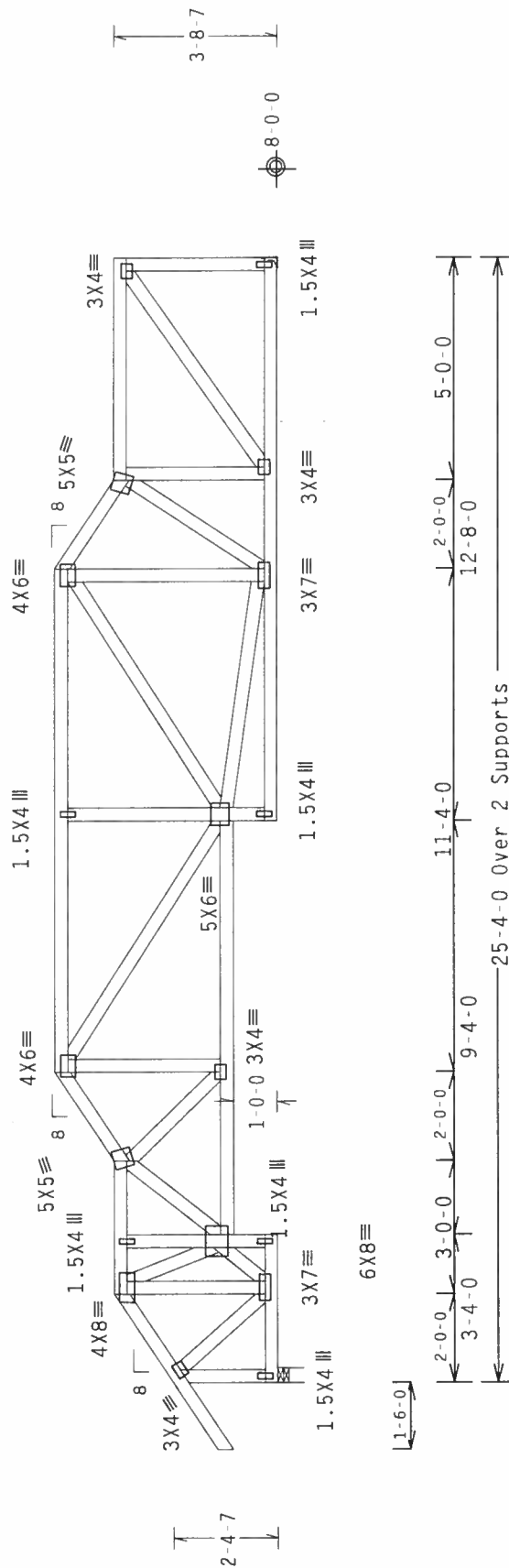


110 mph wind, 11.20 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

End verticals not exposed to wind pressure.

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

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

 $R=11112 \quad ||=2333 \quad W=4''$

R=1010 U=188 H=Simpson HUS26
w/ (6) 10d Common, 0.148"x3.1
(14) 10d Common, 0.148"x3
Consider is (1)2X6 min. So.Pinc

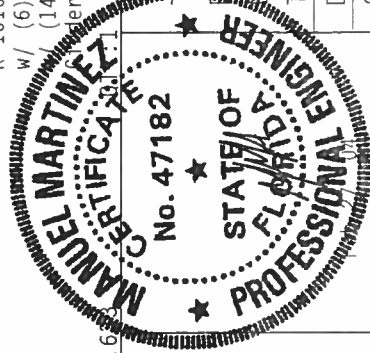
PIT TYP. Wave TPI

Design Crit: TPI-1995 (STD)

19.63

Scale = .25"/Ft.

C LL	20.0	PSF	REF	R487 --	5470
DL	10.0	PSF	DATE	02/27/04	
DL	10.0	PSF	DRW	HCUSR487	04058056
C LL	0.0	PSF	HC-ENG	JB/MMA	
TOT.LD.	40.0	PSF	SEQN-	70890	
DUR.FAC.	1.25		FROM	JP	
SPACING	24.0"		JREF-	1SAR487	Z01



ALPINE

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

FL Certificate of Authorization # 567

110 mph wind, 11.36 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

See DWGS A11015EC1103 & GBLLETIN1103 for more requirements.

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

SPECIAL LOADS

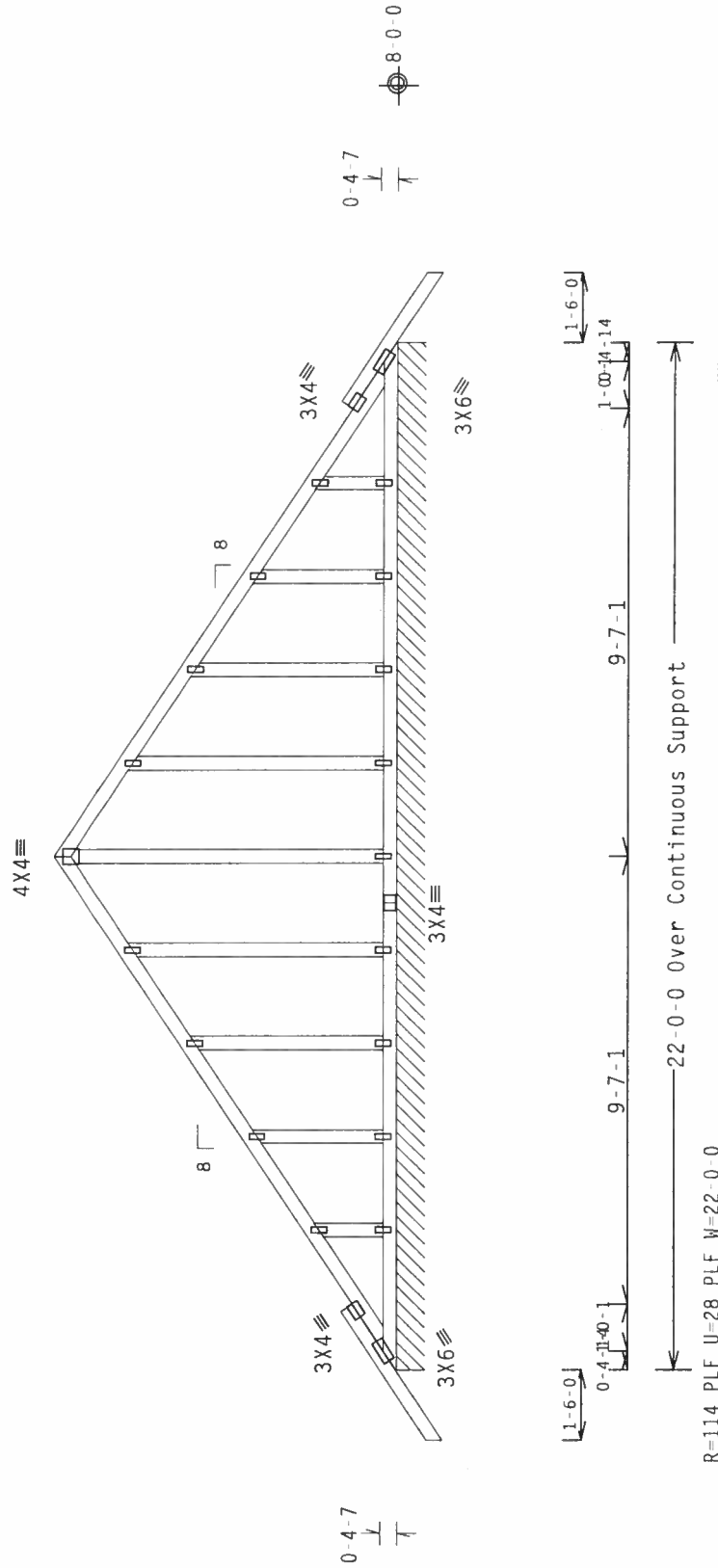
----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)

TC - From 82 PLF at -1.50 to 82 PLF at 23.50

BC - From	4 PLF at -1.50 to	4 PLF at 0.00
1	0.00	0.00
2	0.00	0.00
3	0.00	0.00
4	0.00	0.00
5	0.00	0.00
6	0.00	0.00
7	0.00	0.00
8	0.00	0.00
9	0.00	0.00
10	0.00	0.00
11	0.00	0.00
12	0.00	0.00
13	0.00	0.00
14	0.00	0.00
15	0.00	0.00
16	0.00	0.00
17	0.00	0.00
18	0.00	0.00
19	0.00	0.00
20	0.00	0.00
21	0.00	0.00
22	0.00	0.00
23	0.00	0.00
24	0.00	0.00
25	0.00	0.00
26	0.00	0.00
27	0.00	0.00
28	0.00	0.00
29	0.00	0.00
30	0.00	0.00
31	0.00	0.00
32	0.00	0.00
33	0.00	0.00
34	0.00	0.00
35	0.00	0.00
36	0.00	0.00
37	0.00	0.00
38	0.00	0.00
39	0.00	0.00
40	0.00	0.00
41	0.00	0.00
42	0.00	0.00
43	0.00	0.00
44	0.00	0.00
45	0.00	0.00
46	0.00	0.00
47	0.00	0.00
48	0.00	0.00
49	0.00	0.00
50	0.00	0.00
51	0.00	0.00
52	0.00	0.00
53	0.00	0.00
54	0.00	0.00
55	0.00	0.00
56	0.00	0.00
57	0.00	0.00
58	0.00	0.00
59	0.00	0.00
60	0.00	0.00
61	0.00	0.00
62	0.00	0.00
63	0.00	0.00
64	0.00	0.00
65	0.00	0.00
66	0.00	0.00
67	0.00	0.00
68	0.00	0.00
69	0.00	0.00
70	0.00	0.00
71	0.00	0.00
72	0.00	0.00
73	0.00	0.00
74	0.00	0.00
75	0.00	0.00
76	0.00	0.00
77	0.00	0.00
78	0.00	0.00
79	0.00	0.00
80	0.00	0.00
81	0.00	0.00
82	0.00	0.00
83	0.00	0.00
84	0.00	0.00
85	0.00	0.00
86	0.00	0.00
87	0.00	0.00
88	0.00	0.00
89	0.00	0.00
90	0.00	0.00
91	0.00	0.00
92	0.00	0.00
93	0.00	0.00
94	0.00	0.00
95	0.00	0.00
96	0.00	0.00
97	0.00	0.00
98	0.00	0.00
99	0.00	0.00
100	0.00	0.00

BC - From	20 PLF at 0.00 to	20 PLF at 22.00
-----------	-------------------	-----------------

BC - From	4 PLF at 22.00 to	4 PLF at 23.50
BC - From	4 PLF at 22.00 to	4 PLF at 23.50



Note: All Plates Are W1.5X4 Except As Shown.

PLT TYP. Wave TPI

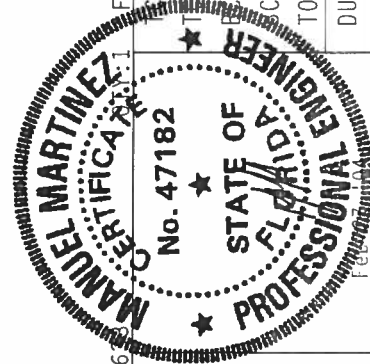
Design Crit: TPI-1995(STD)

19.63

EI / - / Δ / - / - / R / -

$$\text{Scale} = 25^{\text{th}}/\text{E} +$$

LL	20.0	PSF	REF	R487--	5471
DL	10.0	PSF	DATE	02/27/04	
DL	10.0	PSF	DRW	HCUSR487	04058057
LL	0.0	PSF	HC-ENG	JB/MMA	
TOT.LD.	40.0	PSF	SEQN-	70798	
DUR.FAC.	1.25		FROM	JP	
SPACING	24.0"		JREF	1SAR487	701

[illegible]

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

Haines City, FL 33844
Fl. Certificate of Authorization # 567

110 mph wind, 10.86 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

See DWGS A11015EC1103 & GBLLETIN1103 for more requirements.

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

TC - From	82 PLF at -1.50 to	82 PLF at 20.50 to
BC - From	4 PLF at -1.50 to	4 PLF at 0.00 to
BC - From	20 PLF at 0.00 to	20 PLF at 19.00 to
BC - From	4 PLF at 19.00 to	4 PLF at 20.50 to



PLT TYP. Wave TPI

19.63%

• 2017 2770 21000

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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REF R487-- 5474

DATE 02/27/04

09W HCHSP87 040E8060

000083040 104960211 MYC

HC - ENG JB/MMA

70822 SEQN-

FROM JP

REF- 1SAP487 701

ALPINE

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

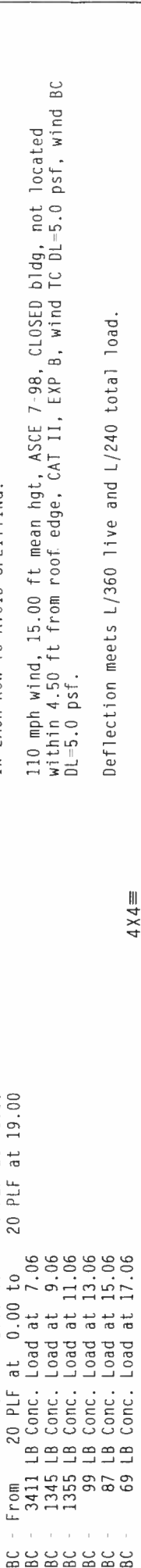
FL Certificate of Authorization # 567

2 COMPLETE TRUSSES REQUIRED

NAILING SCHEDULE: (12d common nails)
TOP CHORD: 1 ROW @ 12" O.C.
BOT CHORD: 1 ROW @ 5" 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=5.0 psf, wind BC
DL=5.0 psf.

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



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

SPECIAL LOADS
----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 60 PLF at 1.50 to 60 PLF at 19.00
BC - From 4 PLF at 1.50 to 4 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 19.00
BC - 3411 LB Conc. Load at 7.06
BC - 1345 LB Conc. Load at 9.06
BC - 1355 LB Conc. Load at 11.06
BC - 99 LB Conc. Load at 13.06
BC - 87 LB Conc. Load at 15.06
BC - 69 LB Conc. Load at 17.06

Design Crit: TPI-1995(STD)
Scale = .3125"/Ft.
REF R487 -- 5475
DATE 02/27/04
DRW HCUSR487 04058061
HC-ENG JB/MMA
SEQN- 71276
FROM JP
JREF- 1SAR487 Z01

MANUEL MARTINEZ
No. 47182
STATE OF FLORIDA
PROFESSIONAL ENGINEER

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

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)
Scale = .3125"/Ft.
REF R487 -- 5475
DATE 02/27/04
DRW HCUSR487 04058061
HC-ENG JB/MMA
SEQN- 71276
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Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

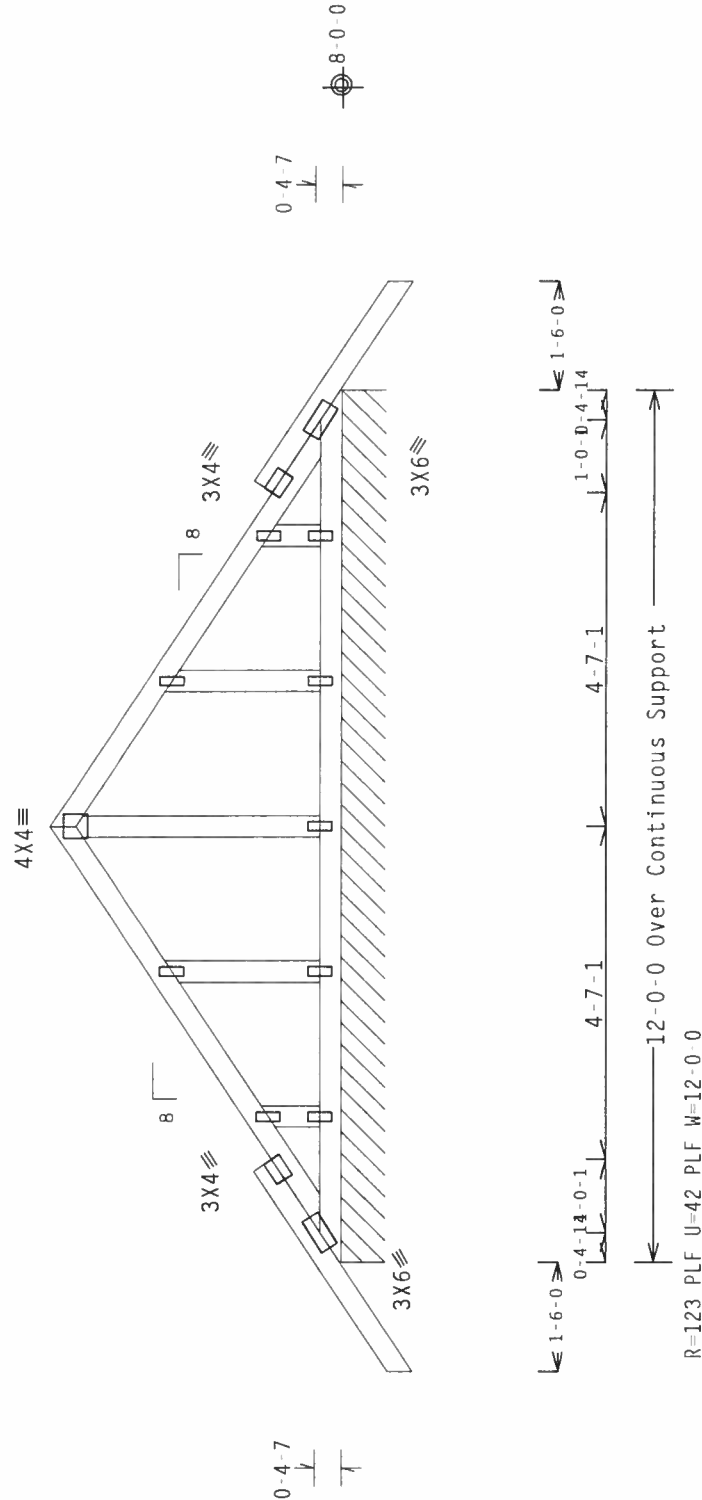
110 mph wind, 9.70 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

See DWGS A11015EC1103 & GBLLETIN1103 for more requirements.

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

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)		
TC - From	82 PLF at 1.50 to	82 PLF at 13.50
BC - From	4 PLF at 1.50 to	4 PLF at 0.00
BC - From	20 PLF at 0.00 to	20 PLF at 12.00
BC - From	4 PLF at 12.00 to	4 PLF at 13.50



Note: All Plates Are W1.5X4 Except As Shown.

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)

19.6

Scale = .375" / Ft.

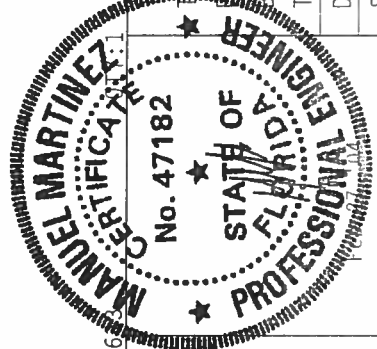
REF	R487--	5476
DATE	02/27/04	
DRW	HCUSR487	04058062
HC-ENG	JB/MMA	
SEQN	70827	
FROM	JP	
JREF	1SAR487_Z01	

WARNING** THUSSES 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, 193 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.

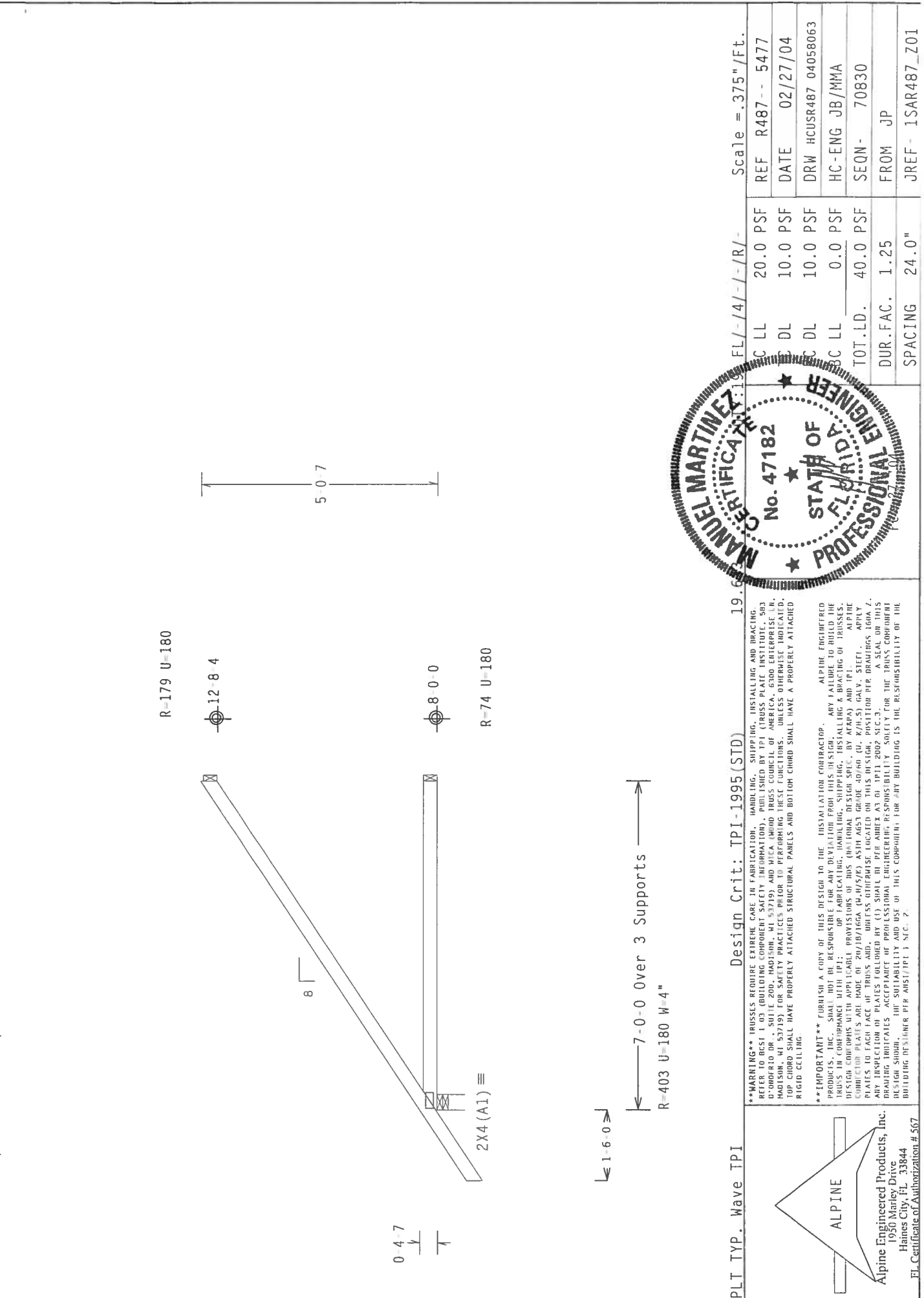
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Haines City, FL 33844
FL Certificate of Authorization # 567



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



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



Design Crit: TPI-1995 (STD)

PLT TYP. Wave TPI

Scale = .375"/Ft.

REF	DATE	DRW	HC	ENG	JB	MMA
R487	02/27/04	HCUSR487	04058064	HC-ENG	JB/MMA	
DATE	02/27/04	DRW	HCUSR487	04058064	HC-ENG	JB/MMA
DATE	02/27/04	DRW	HCUSR487	04058064	HC-ENG	JB/MMA
DATE	02/27/04	DRW	HCUSR487	04058064	HC-ENG	JB/MMA
DATE	02/27/04	DRW	HCUSR487	04058064	HC-ENG	JB/MMA

MANUEL MARTINEZ
CERTIFICATE OF QUALITY
No. 47182
STATE OF FLORIDA
PROFESSIONAL ENGINEER

19.63

110 mph wind, 9.54 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

110 mph wind, 9.54 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

110 mph wind, 9.54 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

110 mph wind, 9.54 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

110 mph wind, 9.54 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

110 mph wind, 9.54 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

110 mph wind, 9.54 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

110 mph wind, 9.54 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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110 mph wind, 9.54 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

110 mph wind, 9.54 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

110 mph wind, 9.54 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

110 mph wind, 9.54 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

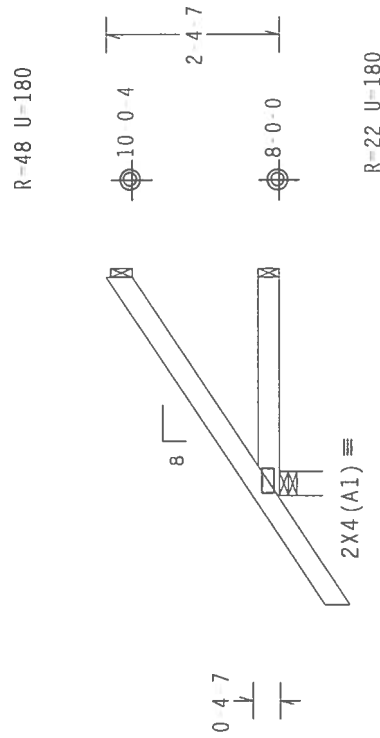
110 mph wind, 9.54 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

110 mph wind, 9.54 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

110 mph wind, 8.87 ft mean hgt, ASCE 7 98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.00.



1-6-07

3-0-0 Over 3 Supports

R=266 U=180 W=4"

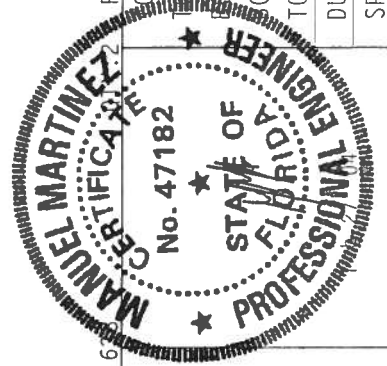
PLT TYP. Wave TPI

Design Crit: TPI-1995 (STD)

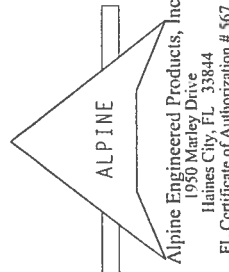
19.63

Scale = .375"/Ft.

C LL	20.0	PSF	REF	R487 - -	5479
DL	10.0	PSF	DATE	02/27/04	
DL	10.0	PSF	DRW	HCUSR487	04058065
C LL	0.0	PSF	HC-ENG	JB/MMA	
TOT.LD.	40.0	PSF	SEQN	-	70839
DUR.FAC.	1.25		FROM	JP	
SPACING	24.0"		JREF	-	1SAR487 Z01

[illegible]

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR, PROCESSOR, ETC., SMALL BUT BE RESPONSIBLE FOR THIS DESIGN; ANY FAILURE TO BUILD THE PROCESSOR IN ACCORDANCE WITH THIS DESIGN, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF JOISTS, DIAPHRAGMS, OR OTHER MEMBERS OF JOIST SYSTEMS, SHALL BE THE RESPONSIBILITY OF THE PROCESSOR. ALL JOIST CONNECTIONS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY APA) AND APT (ALUMINUM DESIGN SPEC., BY ALUMINUM ASSOCIATION) SHALL BE THE RESPONSIBILITY OF THE PROCESSOR. ALL JOIST CONNECTIONS TO PLATES ARE MADE OF 2014-T3 ALUMINUM OR 6061-T6 ALUMINUM OR 40960 (A513) GALV. STEEL. ALL JOIST CONNECTIONS TO PLATES ARE MADE OF 2014-T3 ALUMINUM OR 6061-T6 ALUMINUM OR 40960 (A513) GALV. STEEL. ANY DEVIATION OF PLATES FOLLOWED BY (1) SHALL BE PER. AM. 2.3 OF 1911 2002 SEC. 2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE PROCESS COMPONENT OF THIS DESIGN. THE SEAL IS NOT A PART OF THIS COMPONENT AND BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNED PER AM. 2.3 OF 1911 2002 SEC. 2.



FL Certificate of Authorization #567

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

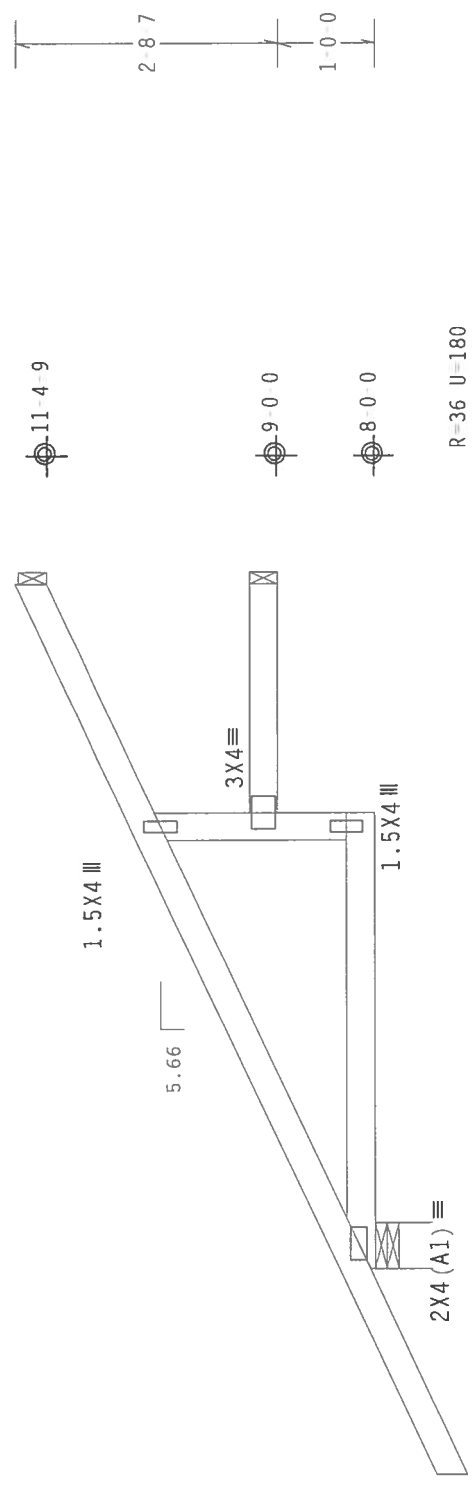
110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Hipjack supports 5 0 0 setback jacks with no webs.

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

R=242 U=180

R=36 U=180



21'-7"
19'-6"
4'-8"
2'-4"
7'-0" Over 3 Supports
R=302 U=180 W=5.657"

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)

19.6

Scale = .5" / Ft.

REF	R487	--	5480
DATE	02/27/04		
DRW	HCUSR487		04058066
HC-ENG	JB/MMA		
SEQN	70868		
FROM	JP		
JREF	1SAR487		_Z01

T	LL	20.0	PSF
T	DL	10.0	PSF
T	DL	10.0	PSF
T	DL	0.0	PSF
T	DL	40.0	PSF
T	FAC.	1.25	
T	SPACING	24.0"	

MANUEL MARTINEZ
No. 47182
STATE OF FLORIDA
PROFESSIONAL ENGINEER
FEB 2004

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

WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. SEE REFER TO REG 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATFORM INSTALLATION), HAINES CITY, FL 33844. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAIRLS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CUTTING.

IMPORTANT** FURNISH A COPY OF THIS DESIGN TO THE INSULATION 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 IBCS (NATIONAL DESIGN SPEC. BY AIAA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/10/166A (W-H/S) ASH 6053 GRADE 40/60 (IN. E/IN.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 LICENSING RESPONSIBILITY. SUEPLY FOR THE CROSS COMPONENT BUILDING DESIGNER PER ANNEX TPI 1 SEC 2.

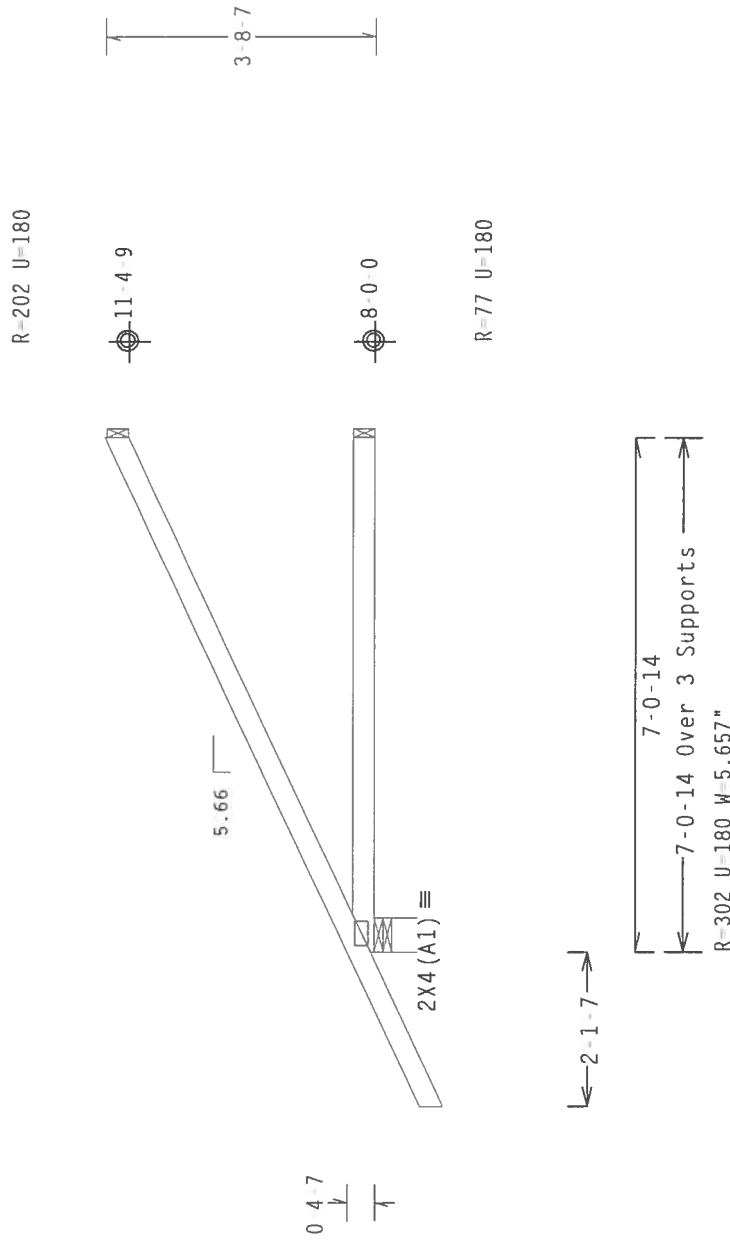
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

Bottom chords beneath the following list of bearings numbered from left end of truss: #3 must be cut prior to applying loads to this truss.

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

Hipjack supports 5 0 0 setback jacks with no webs.

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



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)

19.6

Scale = .375"/Ft.

****WARNING**** FRASSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. TO GET THE BEST OF (FOLLOWING COMPANY'S SAFETY INFORMATION), PUBLISHED BY TPI (CROSS PLAIT INSTITUTE), 983 W. 10TH AVE., SUITE 100, MINNEAPOLIS, MN 55403, 612-338-1111, TOLL FREE 1-800-368-3333, VISIT WWW.TPI-CROSSPLAIT.COM. MAISON, MN 55379, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE CONDITIONS. UNLESS OTHERWISE SPECIFIED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED TOP CHORD GULLING.

REF R487-- 5481

DATE 02/27/04

DRW HCUSR487 0405806

HC-ENG 18/MMA

SFON- 70863

FROM J.P.

REF- 1SAP487 701

ALPINE

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

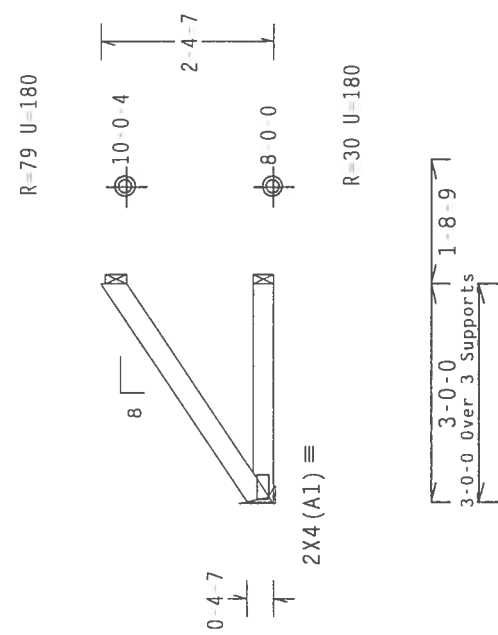
FL Certificate of Authorization # 567
Tallahassee, FL 32304

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

110 mph wind, 9.37 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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/240 live and L/180 total load. Creep increase factor for dead load is 1.00.



R-131 U=180 H-Simpson LU24
w/ (2) 10d, 0.148"x1.5" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So.Pine

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)

19.6

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

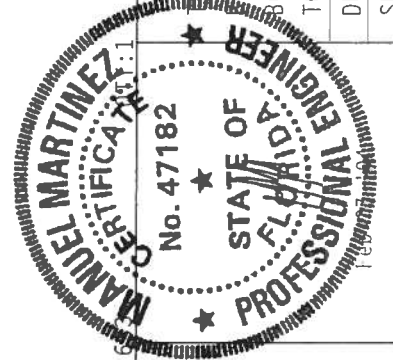
Scale = .375"/Ft.

REF	R487--	5482
DATE	02/27/04	
DRW	HCUSR487	04058068
HC	ENG JB/MMA	
SEQN	70844	
FROM	JP	
JREF	1SAR487	Z01

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES FOR BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE NATIONAL TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE BLVD., MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THIS NATIONAL DESIGN SPEC. (BY ATAPA) AND TPI. APPLY CORRECTION PLATES ARE MADE OF 20/10/16GA (U-10/S/S) ASH 6053 GRADE 40/60 (U, K/H/S) GALT. SIFER. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS, LEGS 2. BRACING INDICATES THE STABILITY 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 Manley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567



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

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

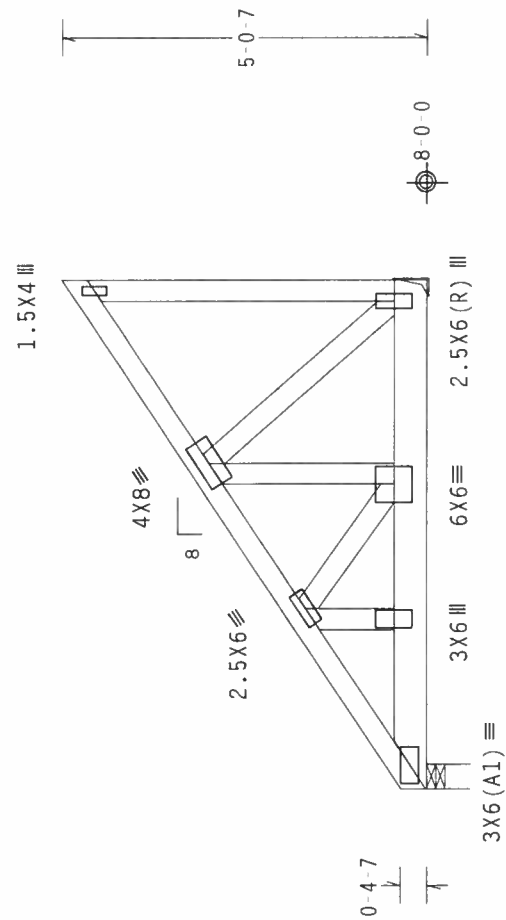
H = recommended connection based on manufacturer tested capacities and
calculations. Conditions may exist that require different connections than
indicated. Refer to manufacturer publication for additional information.

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 60 PLF at 0.00 to 60 PLF at 7.00
BC - From 20 PLF at 0.00 to 20 PLF at 7.00
BC - 131 LB Conc. Load at 1.09
BC - 2056 LB Conc. Load at 3.06
BC - 1010 LB Conc. Load at 5.06

Right end vertical not exposed to wind pressure.

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



7'-0-0 Over 2 Supports

R=1906 U=618 W=4"

R=1851 U=547 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

Design Crit: TPI-1995(STD) 19.6

PLT TYP. Wave TPI

FL/-/4/-/R/-

Scale = .375"/Ft.

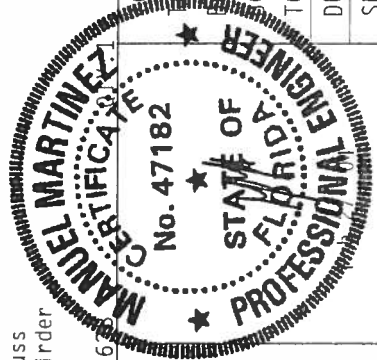
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 U'ONDRIO DR., SUITE 200, MADISON, WI 53719) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 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 THIS NATIONAL DESIGN SPEC. BY ATRPA AND TPI. ALPINE CORRELATES PLATES AND JOINTS TO THE TPI/ALPINE (WCA/ASD) ASD 1653 GRADE 40/60 (OR E7453) ONLY. STEEL APPLY TO ALL OTHERS. ANY DEVIATION FROM THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED BY (1) 2002 SEC. 2. ANY DEVIATION FROM THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED BY (1) 2002 SEC. 2. ANY DEVIATION FROM THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED BY (1) 2002 SEC. 2. ANY DEVIATION FROM THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED BY (1) 2002 SEC. 2.

ALPINE

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

FL Certificate of Authorization # 567



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

REF	R487 - -	5483
DATE	02/27/04	
DRW	HCUSR487	04058069
HC - ENG	JB/MMA	
SEQN	70912	
FROM	JP	
JREF	1SAR487_Z01	

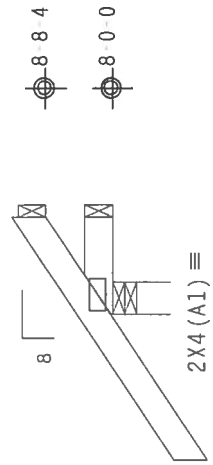
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.00.

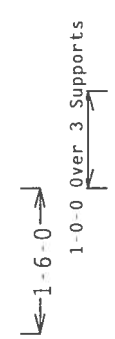
110 mph wind, 8.20 ft mean hgt, ASCE 7-98, CLOSED bldg. Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

PROVIDE (3) 16d COMMON TOE NAILS AT TOP CHORD.
PROVIDE (3) 16d COMMON TOE NAILS AT BOTTOM CHORD.

R=108 U=180



R=9 U=180



R=294 U=180 W=4"

PLT TYP. Wave TPI

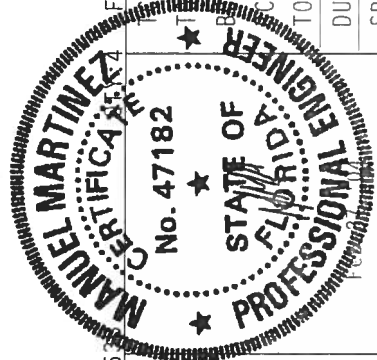
Design Crit: TPI-1995(STD)

19.6

FL/-/4/-/R/-

Scale =.5"/Ft.

 ALPINE Alpine Engineered Products, Inc. 1950 Manley Drive Haines City, FL 33844 FL Certificate of Authorization # 567	**WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.		LL	20.0 PSF	REF	R487 - - 5484
			DL	10.0 PSF	DATE	02/27/04
			BL	10.0 PSF	DRW	HCUSR487 04058070
			CL	0.0 PSF	HC-ENG	JB/MMA
			TOT.LD.	40.0 PSF	SEQN -	70850
			DUR.FAC.	1.25	FROM	JP
	SPACING	24.0"	JREF	1SAR487 Z01		



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

Provide for complete drainage of roof.

Fasten rated sheathing to one face of this frame.

Bottom chords beneath the following list of bearings numbered from left end of truss: #2 must be cut prior to applying loads to this truss.

110 mph wind, 9.71 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.00.

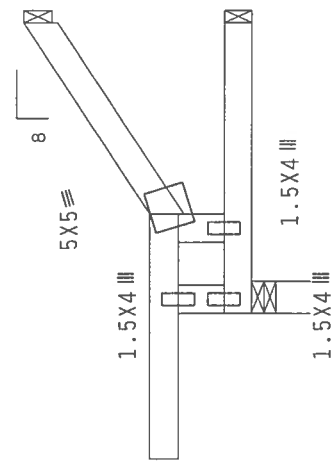
R=59 U=180

2-4 7

10-0 15

8-0 0

R=37 U=180



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)

19.6

FL/-4/-/R/-

Scale = .5" / Ft.

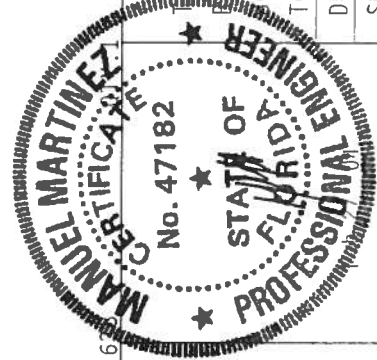
REF	R487	--	5485
DATE	02/27/04		
DRW	HCUSR487	04058071	
HC-ENG	JB/MMA		
SEQN	70856		
FROM	JP		
JREF	1SAR487	Z01	

WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THE TRUSS IS DESIGNED FOR USE WITH TYPICAL TRUSS PLATING. THE TRUSS IS NOT TO BE USED FOR ANY OTHER PURPOSES. THE TRUSS IS NOT TO BE USED FOR ANY OTHER PURPOSES. THE TRUSS IS NOT TO BE USED FOR ANY OTHER PURPOSES.

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 ACCORDANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES, DESIGN OR CONDITIONS WITH APPLICABLE PROVISIONS OF IBCS (NATIONAL DESIGN SPEC, BY AISC) AND TPI. APPLY CORRECTOR PLATES ARE MADE OF 2014/T6 ALUMINUM (AL-6061) AS IN A6061 GRADE 40760 (IN. K/H-S) 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 AISC 308.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING PRACTICE FOR THE TRUSS COMPONENTS. THE SEAL IS THE PROPERTY OF ALPINE ENGINEERED PRODUCTS, INC. AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISC 308.3.2.

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

FL Certificate of Authorization #567



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

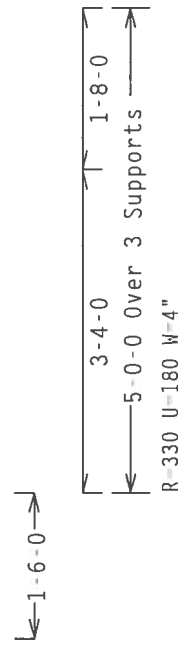
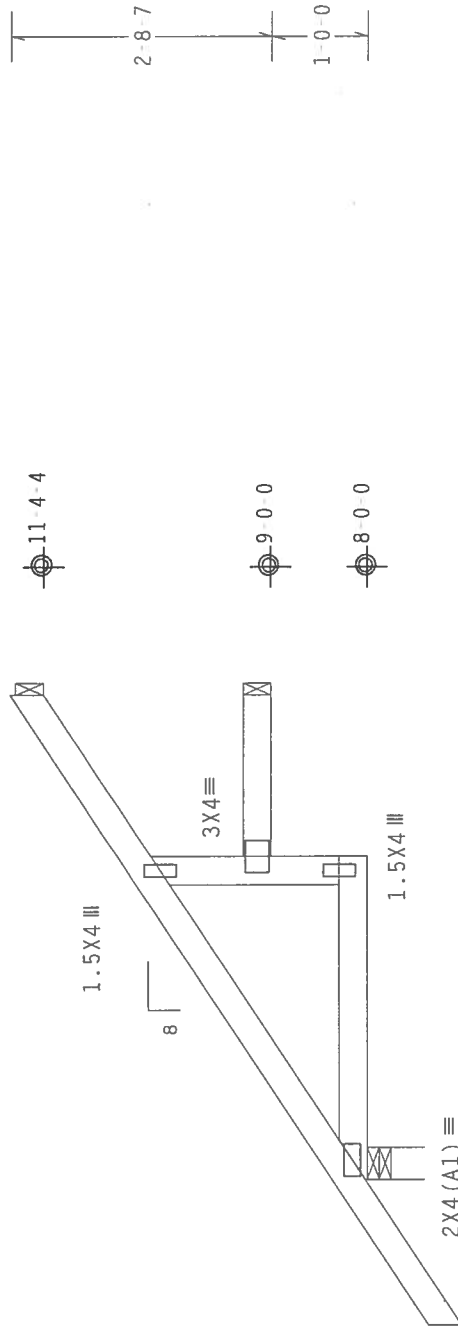
110 mph wind, 9.54 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.00.

R=148 U=180

R=18 U=180



PLT TYP. Wave TPI

Design Crit: TPI-1995 (STD)

19.6

Scale = .5" / Ft.

 Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844 FL Certificate of Authorization # 567	**WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RCST 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 563 D'ONDRIED DR., SUITE 200, MADISON, WI 53719) AND UFGA (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 APPLICATIONS OF UFGA PROVISIONS OF UFGA (NATIONAL DESIGN SPEC. BY AREA) AND TPI. APPLY CONNECTOR PLATES ARE BUILT TO 2010/1600 (4-H/5/2) ASTM A572 GRADE 40/50 (40/50) GALV. STEEL. STEELING TOOL & STATES FOR EACH FACTOR OF DESIGN, UNLESS OTHERWISE INDICATED, THE DESIGN SHALL BE BASED ON THE FOLLOWING ASSUMPTIONS: THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGNER. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.			
	LL	20.0 PSF	FL / - / 4 / - / R / -	REF R487 - - 5486
	TL DL	10.0 PSF		DATE 02/27/04
	BL DL	10.0 PSF		DRW HCUSR487 04058072
	TL LL	0.0 PSF		HC-ENG JB/MMA *
TOT.LD.			40.0 PSF	SEQN- 70859
DUR.FAC.			1.25	FROM JP
SPACING			24.0"	JREF- 1SAR487_Z01