

Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID: ISSZ2888Z0614094158

Truss Fabricator: Arnold Truss Company
Job Identification: 19311-HOMES BY WHITTAKER / #2021 ACUNA RES.
Truss Count: 46
Model Code: Florida Building Code
Truss Criteria: ANSI/TPI-1995(STD)/FBC
Engineering Software: Alpine Software, Version 7.10.
Structural Engineer of Record:
Address:

Minimum Design Loads: Roof - 37.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-98 -Partially Enclosed

Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR2888

Details: VALCONVF

Seal Date: 12/14/2005

-Truss Design Engineer-
James F. Collins Jr.

Florida License Number: 52212
1950 Marley Drive
Haines City, FL 33844



#	Ref	Description	Drawing#	Date
1	96068--T-1		05347166	12/13/05
2	96069--T-2		05347140	12/13/05
3	96070--T-3		05347139	12/13/05
4	96071--T-4		05347141	12/13/05
5	96072--T-5		05347142	12/13/05
6	96073--T-6		05347143	12/13/05
7	96074--T-7		05347136	12/13/05
8	96075--T-8		05347170	12/13/05
9	96076--T-9		05347144	12/13/05
10	96077--T-10		05347146	12/13/05
11	96078--T-11		05347156	12/13/05
12	96079--T-12		05347155	12/13/05
13	96080--T-13		05347171	12/13/05
14	96081--T-14		05347158	12/13/05
15	96082--T-15		05347150	12/13/05
16	96083--T-16		05347127	12/13/05
17	96084--T-17		05347154	12/13/05
18	96085--T-18		05347153	12/13/05
19	96086--T-19		05347152	12/13/05
20	96087--T-20		05347138	12/13/05
21	96088--T-21		05347157	12/13/05
22	96089--T-22		05347137	12/13/05
23	96090--T-23		05347131	12/13/05
24	96091--T-24		05347130	12/13/05
25	96092--T-25		05347129	12/13/05
26	96093--T-26		05347128	12/13/05
27	96094--T-27		05347172	12/13/05
28	96095--T-28		05347151	12/13/05
29	96096--T-29		05347145	12/13/05
30	96097--T-30		05347162	12/13/05
31	96098--T9A		05347161	12/13/05
32	96099--J7		05347135	12/13/05
33	96100--J7A		05347163	12/13/05
34	96101--J7B		05347169	12/13/05
35	96102--J6		05347164	12/13/05
36	96103--J3		05347168	12/13/05

#	Ref	Description	Drawing#	Date
37	96104--J3A		05347165	12/13/05
38	96105--CJ5		05347133	12/13/05
39	96106--CJ3		05347134	12/13/05
40	96107--CJ1		05347159	12/13/05
41	96108--CJ1A		05347160	12/13/05
42	96109--HJ10		05347132	12/13/05
43	96110--HJ5		05347167	12/13/05
44	96111--HJ4		05347149	12/13/05
45	96112--HJ4A		05347148	12/13/05
46	96113--HJ4B		05347147	12/13/05



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Page 1 of 1 Document ID: ISSZ2888Z0614094158

Truss Fabricator: Arnold Truss Company
Job Identification: 19311-HOMES BY WHITTAKER / #2021 ACUNA RES. (JUSTICE #1381 OCALA. FL)
Truss Count: 2
Model Code: Florida Building Code
Truss Criteria: ANSI/TPI-1995(STD)/FBC
Engineering Software: Alpine Software, Version 7.10.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - 37.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-98 -Partially Enclosed

Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR2888

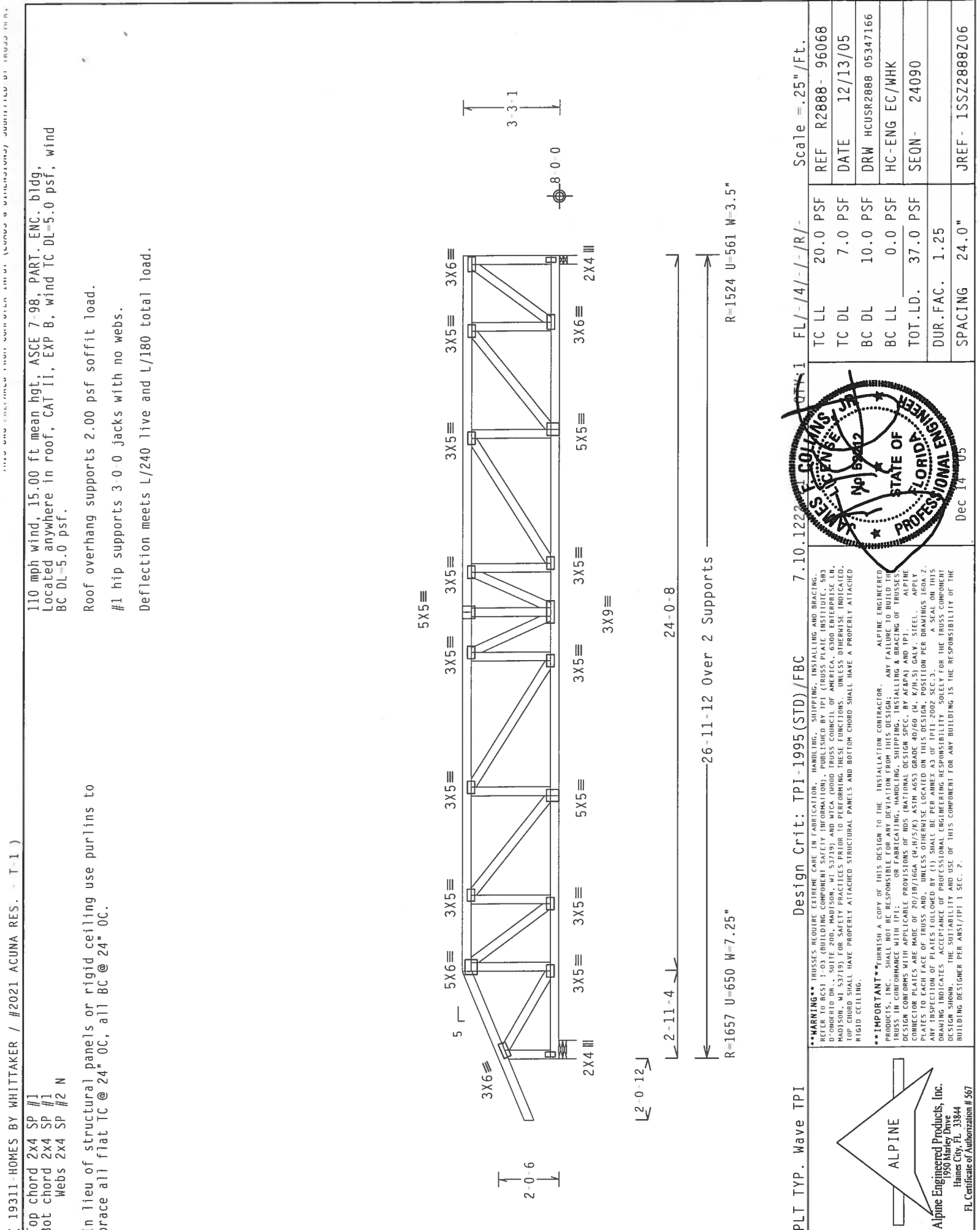
Seal Date: 12/14/2005

-Truss Design Engineer-
James F. Collins Jr.
Florida License Number: 52212
1950 Marley Drive
Haines City, FL 33844

Revised Trusses

#	Ref	Description	Drawing#	Date
1	96084--T-17		05347154	12/13/05
2	96088--T-21		05347157	12/13/05





(19311-HOMES BY WHITTAKER / #2021 ACUNA RES. - T-1)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2 N

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

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

Roof overhang supports 2.00 psf soffit load.

#1 hip supports 3-0-0 jacks with no webs.

Deflection meets L/240 live and L/180 total load.

Scale = .25" / Ft.

PLT TVP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.10.1223

FL / - / 4 / - / R / -

REF R2888- 96068

DATE 12/13/05

DRW HCUSR2888 05347166

HC-ENG EC/WHK

SEQN- 24090

JREF- 1SSZ2888Z06

DUR.FAC. 1.25

SPACING 24.0"

Dec 14 '03

ALPINE

Alpine Engineered Products, Inc.

Haines City, FL 33844

FL Certificate of Authorization # 567

	Top	Chord	2x4	SP	#1
	Bot	chord	2x4	SP	#1
		webs	2x4	SP	#2 N

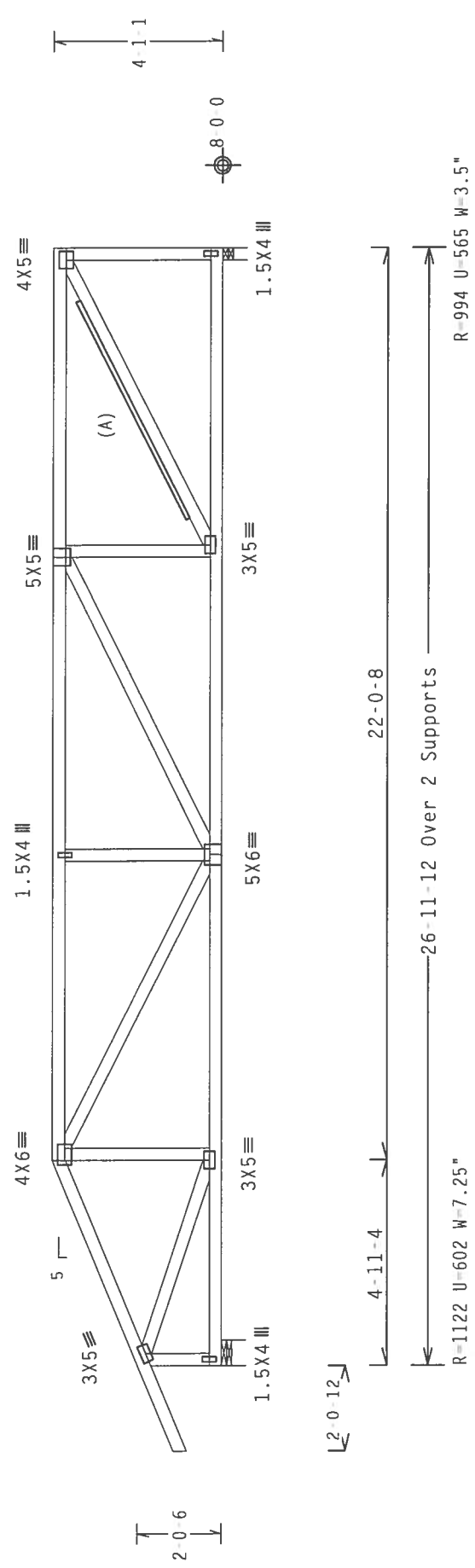
110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf.

Components and cladding wind pressures considered for uplift callouts.

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

Deflection meets L/240 live and L/180 total load.

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



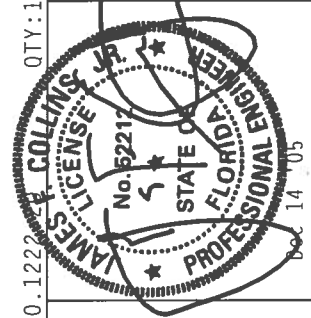
PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

QTY:1 FL/-/4/-/-/R/-

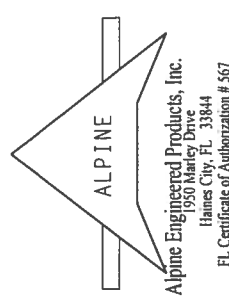
Scale = .25"/Ft.

TC LL	20.0 PSF	REF	R2888 - 96069
BC DL	7.0 PSF	DATE	12/13/05
BC DL	10.0 PSF	DRW	HCUSR2888 05347140
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT. LD.	37.0 PSF	SEQN -	45529
DUR. FAC.	1.25		
SPACING	24.0"	JREF -	1SSZ2888Z06



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESS J 03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IP1 (TRUSS PULPIT INSTITUTE, 583 O'DONOR 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. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING PRELIMINARY DESIGN INFORMATION TO BUILD THE PROJECT CONFORMANT WITH ALL APPLICABLE PROVISIONS OF NATIONAL DESIGN SPEC., PER ACIPRA AND IPTI. ALPINE DESIGN CONSULTANTS WILL PROVIDE RECOMMENDATIONS OF NDS (NATIONAL DESIGN SPEC., PER ACIPRA) AND IPTI. ALPINE CONNECTOR PLATES ARE MADE OF 20/10/16GA (.W./M/S/P) ASTM A563 GRADE 470/60 (M, .K/J/S) GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS POSITION PER DRAWINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF IPTI 2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF THIS PROJECT. THE DESIGNER'S SIGNATURE AND SEAL MUST BE IN THE SPACE PROVIDED FOR THE TRUSS COMPONENT OF THE BUILDING DESIGNER PER ANSI/PTI 1 SEC. 2.



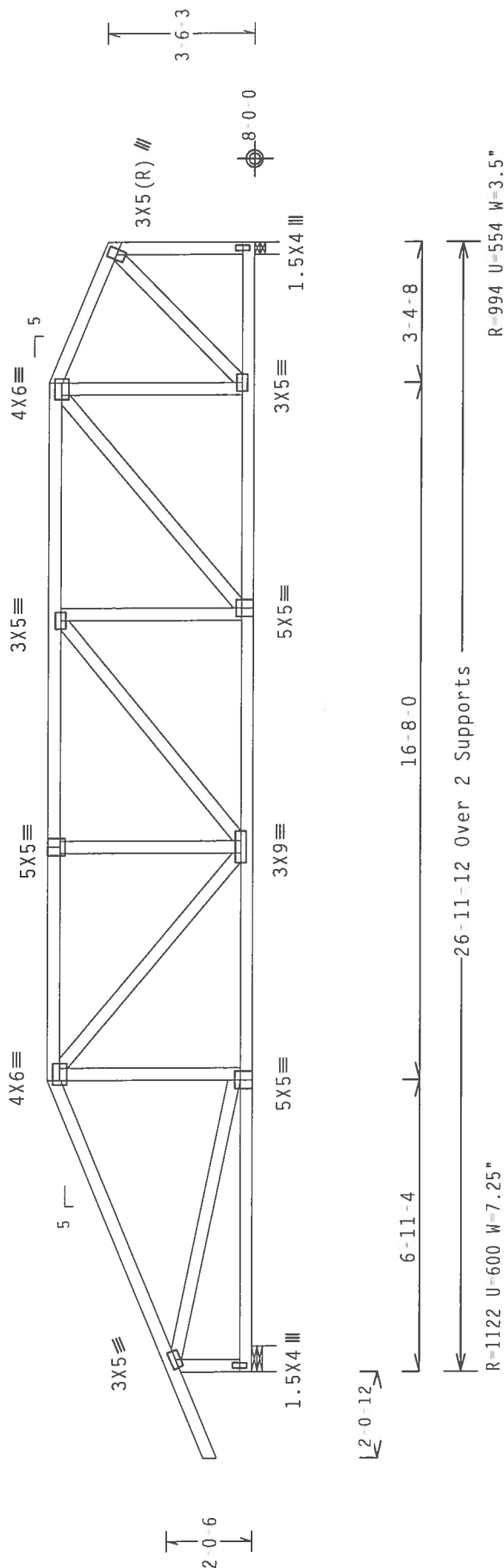
Top chord	2x4	SP	#1
Bot chord	2x4	SP	#1
webs	2x4	SP	#2 N

1110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. 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.

Components and cladding wind pressures considered for uplift callouts.

Deflection meets L/240 live and L/180 total load.

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



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

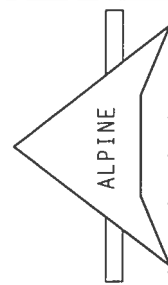
7.10.1222

QTY:1 EL / - / 4 / - / - / R / -

Scale = .25"/Ft.

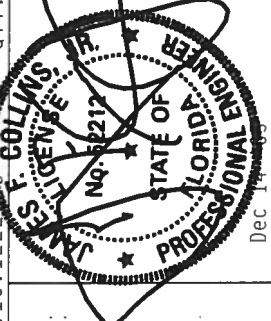
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. FOLLOW THESE PRECAUTIONS TO AVOID SAFETY INFORMATION, PUBLISHED BY THE MANUFACTURER OF THE PRODUCT, IS REQUIRED FOR PROPER USE. THIS INFORMATION IS NOT TO BE USED AS A SUBSTITUTE FOR THE MANUFACTURER'S INSTRUCTIONS. ALWAYS CONSULT THE MANUFACTURER'S LITERATURE FOR THE MOST CURRENT INFORMATION ON THE PRODUCT. ALWAYS FOLLOW THE MANUFACTURER'S INSTRUCTIONS FOR THE PROPER USE OF THE PRODUCT. ALWAYS USE THE CORRECT TYPE AND SIZE OF MATERIALS. ALWAYS USE THE CORRECT TYPE AND SIZE OF FASTENERS. ALWAYS USE THE CORRECT TYPE AND SIZE OF JOINTS. ALWAYS USE THE CORRECT TYPE AND SIZE OF CONNECTIONS. ALWAYS USE THE CORRECT TYPE AND SIZE OF BRACES. ALWAYS USE THE CORRECT TYPE AND SIZE OF RIGID CELLING.

IMPORTANT—FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. PRODUCTS, ETC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. TRUSSES IN CONFORMANCE WITH TPI-1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING, OR ERECTING TRUSSES USING NON-TYPICAL DESIGN SPEC., BY AIRCRAFT, SHALL BE CONSIDERED AS MODIFICATIONS TO THIS DESIGN. THE DESIGNER SHALL BE RESPONSIBLE FOR THE DESIGN OF ALL CONNECTIONS AND PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, ALL PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, SHALL BE PER ANCHOR A3 OF TPI-2002 SPEC. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANCHOR A3 OF TPI-2002 SPEC. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY THE DESIGNER'S RESPONSIBILITY. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE DESIGNING DESIGNER PER ANCHOR TPI 1 SEC. 2.



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1950 Marley Drive
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James City, FL 33844
Fl. Certificate of Authorization # 567



Der ~~Zusatz~~

REF	R2888 - 96070
DATE	12/13/05
DRW	HCUSR2888 05347139
HC-ENG	EC/WHK
SEQN -	45525
DUR.FAC.	1.25
SPACING	24.0"
JREF-	1SSZ2888Z06

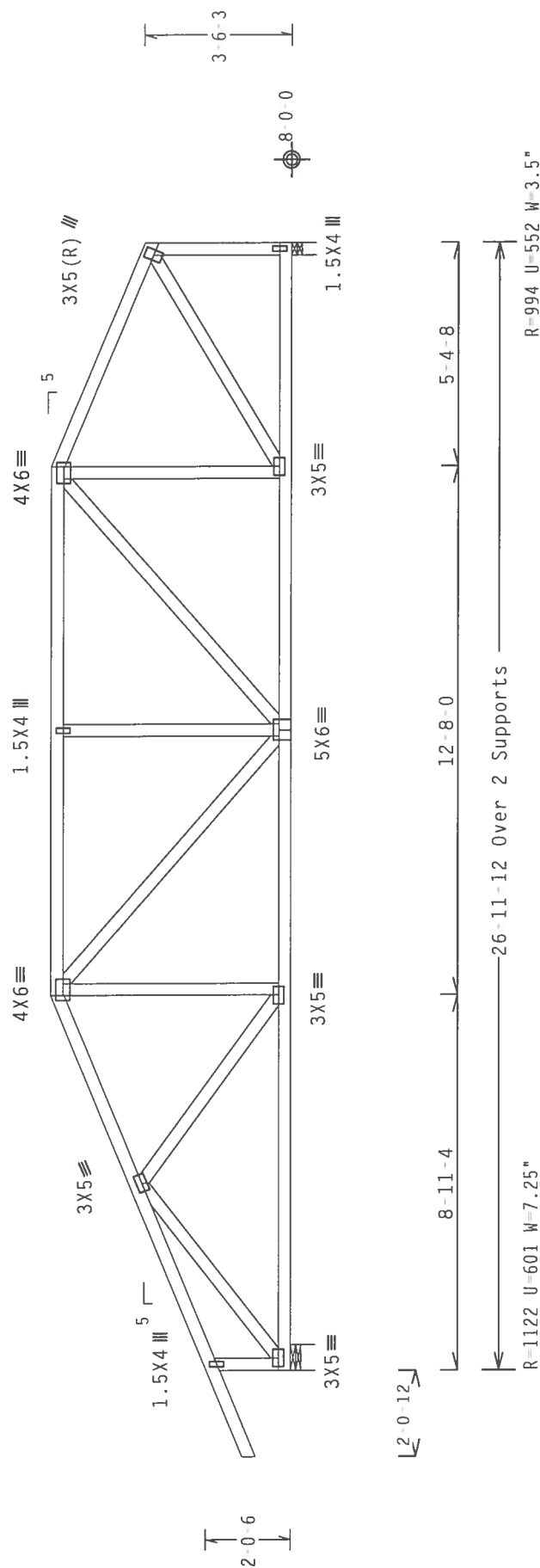
Top	chord	2x4	SP	#1
Bot	chord	2x4	SP	#1
	webs	2x4	SP	#2 N

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT 11, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Components and cladding wind pressures considered for uplift callouts.

Deflection meets L/240 live and L/180 total load.

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

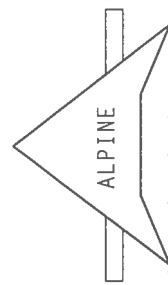


PLT_TYP: Wave TPI

Design Crit: TPI-1995(STD)/FBC

QTY:1 EL1-141-1-1R1-

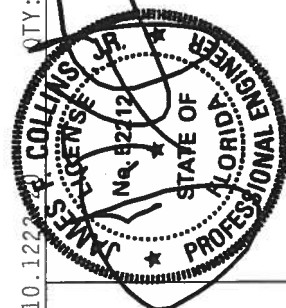
Scale = 25"/Ft.



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Haines City, FL 33844
FL Certificate of Authorization # 567

*WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, SHIPPING, HANDLING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY ITI (TRUSS PACE INSTITUTE, 563 DEMPSTER AVE., SUITE 200, CHICAGO, ILL. 60649), TRUSS COUNCIL OF AMERICA, 6300 COLLETTAVE TR., SUITE 337, FALLS CHURCH, VA 22044, FOR RECOMMENDATIONS TO PREVENTING THESE INCIDENTS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PLYS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED TOP CHORD PLYS.

**** IMPORTANT ****—FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE REQUIREMENTS OF NDS (NATIONAL DESIGN SPEC. BY AIA) AND STEEL. ALPINE CONNECTION PLATES ARE AVAILABLE FOR 20X19X16GA (N/5/25) ASTM A575 GRADE 40/50 (N/4 K/1/5) GALV. STEEL. APPLY EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS. IGA 2. 1. PLATING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SPECIFICALLY FOR THE TRUSS COMPONENTS SHOWN. THE RESPONSIBILITY FOR THE DESIGN OF THE BUILDING IS THE RESPONSIBILITY OF THE DESIGNING DESIGNER PER SUBMITTAL 1, SEC. 2.



Dec 14 '05

TC LL	20.0	PSF	REF R2888- 96071
TC DL	7.0	PSF	DATE 12/13/05
BC DL	10.0	PSF	DRW HCUSR2888 05347141
BC LL	0.0	PSF	HC-ENG EC/WHK
TOT.LD.	37.0	PSF	SEQN- 45521
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1SSZ2888Z06

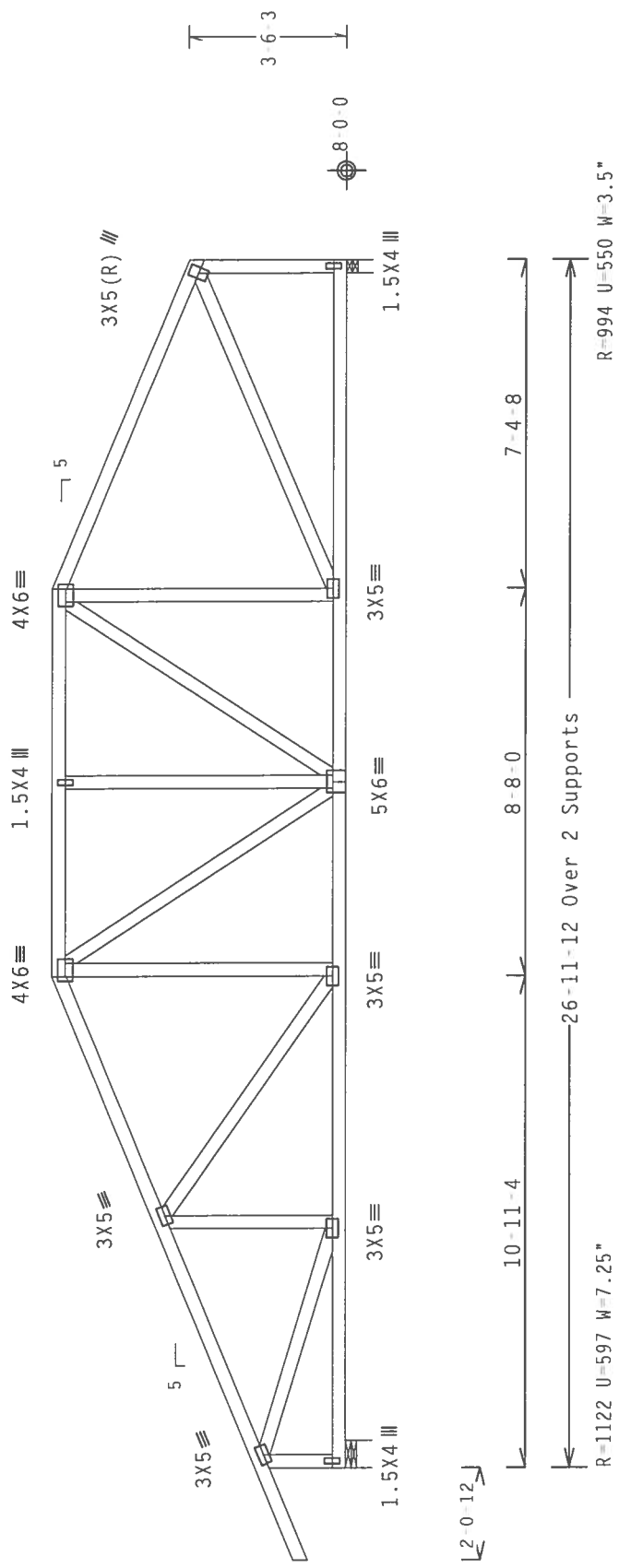
Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2 N

Components and cladding wind pressures considered for uplift callouts.

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

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. 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/240 live and L/180 total load.



PLT TYP. Wave TPI

ALPINE

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

Design Crit: TPI-1995(STD)/FBC

7.10.1222

Scale = .25"/Ft.

QTY: 1

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

REF	R2888 - 96072
DATE	12/13/05
DRW	HCUSR2888 05347142
HC-ENG	EC/WHK
SEQN	45517
JREF	1SSZ2888Z06

26'-11-12 Over 2 Supports

R=1122 U=597 W=7.25"

R=994 U=550 W=3.5"

7.10.1222

Scale = .25"/Ft.

QTY: 1

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

TC LL	20.0 PSF
TC DL	7.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	37.0 PSF
DUR.FAC.	1.25
SPACING	24.0"

James F. Collins, P.E.

No. 52217

STATE OF FLORIDA

PROFESSIONAL ENGINEER

Dec 14 2005

WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RES 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 DODD RD., SUITE 200, MADISON, WI 53719) AND NCA (WOOD TRUSS COUNCIL OF AMERICA, 6100 ENTERPRISE LN., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/ASA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (40/50/55) ASTM A653 GRADE 40/60 (40 K/50 K) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS TIGA-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) 13.1. A SEAL ON THIS DESIGN SHALL BE THE SULLABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

Top chord	2x4	SP #1
Bot chord	2x4	SP #1
webs	2x4	SP #2 N

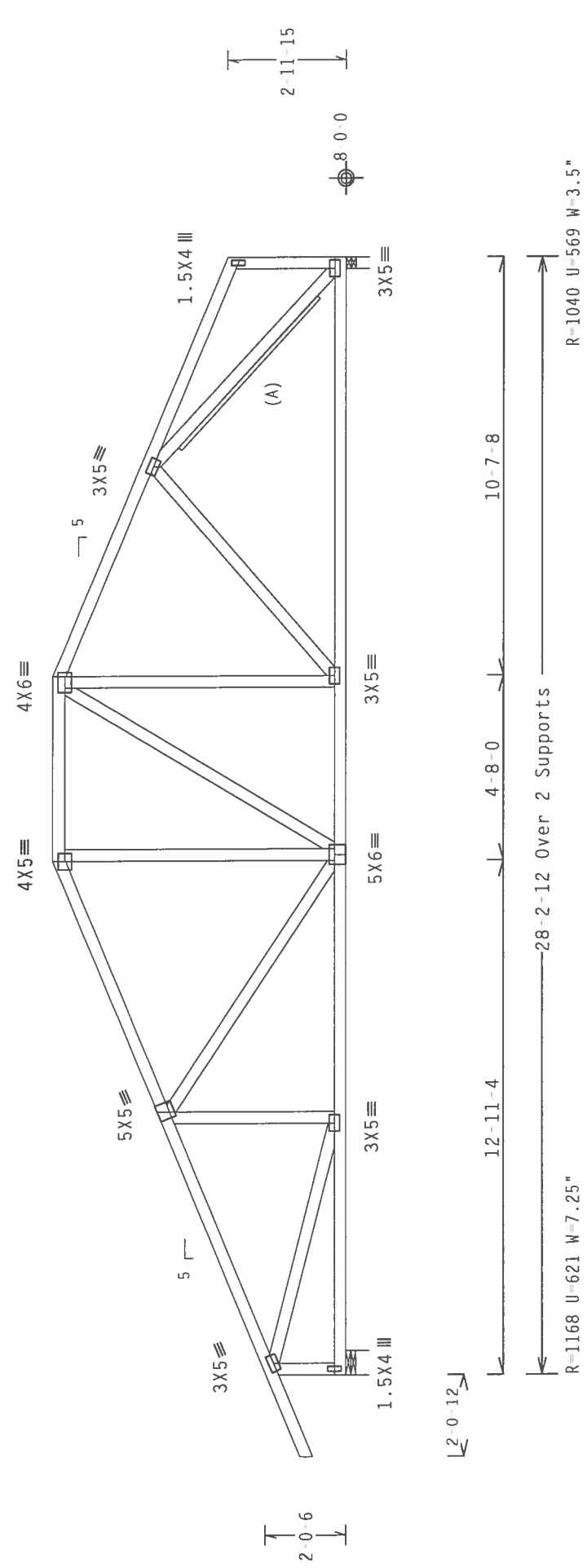
110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Components and cladding wind pressures considered for uplift callouts.

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

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

Deflection meets L/240 live and L/180 total load.

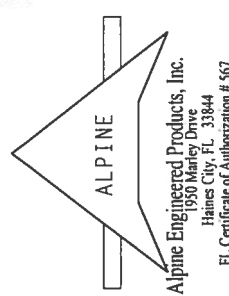


PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.10.1222 QTY:1

Scale = .25"/Ft.



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DESIGNS (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IP1 (TRUSS PAPER INSTITUTE, 593 RIVER TO BECK LANE, SUITE 200, MADISON, WI 53719) AND WICO (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., FORT MONROE, VA 22031) FOR SAFETY PRACTICES PERTAINING TO TRUSS FABRICATION, HANDLING, SHIPPING, INSTALLATION, BRACING AND ERECTION. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED TOP-EDGING.

****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 THIS DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH ALL APPLICABLE PROVISIONS OF AISC NATIONAL DESIGN SPEC. BY AISC AND THE ALPINE DESIGN COMPANY. THE TRUSS SHALL BE MANUFACTURED AND ASSEMBLED IN ACCORDANCE WITH THE ALPINE TRUSS PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING 100A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TP11 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEX TP11 SEC. 2.

TC LL	20.0	PSF	REF	R2888 - 96073
TC DL	7.0	PSF	DATE	12/13/05
BC DL	10.0	PSF	DRW	HCUSR2888 05347143
BC LL	0.0	PSF	HC-ENG	EC/WHK
TOT.LD.	37.0	PSF	SEQN -	45513
DUR.FAC.	1.25			
SPACING	24.0"		JREF -	1SSZ28888Z06

Top chord	2x4	SP	#1
Bot chord	2x4	SP	#1
Webbs	2x4	SP	#2 N

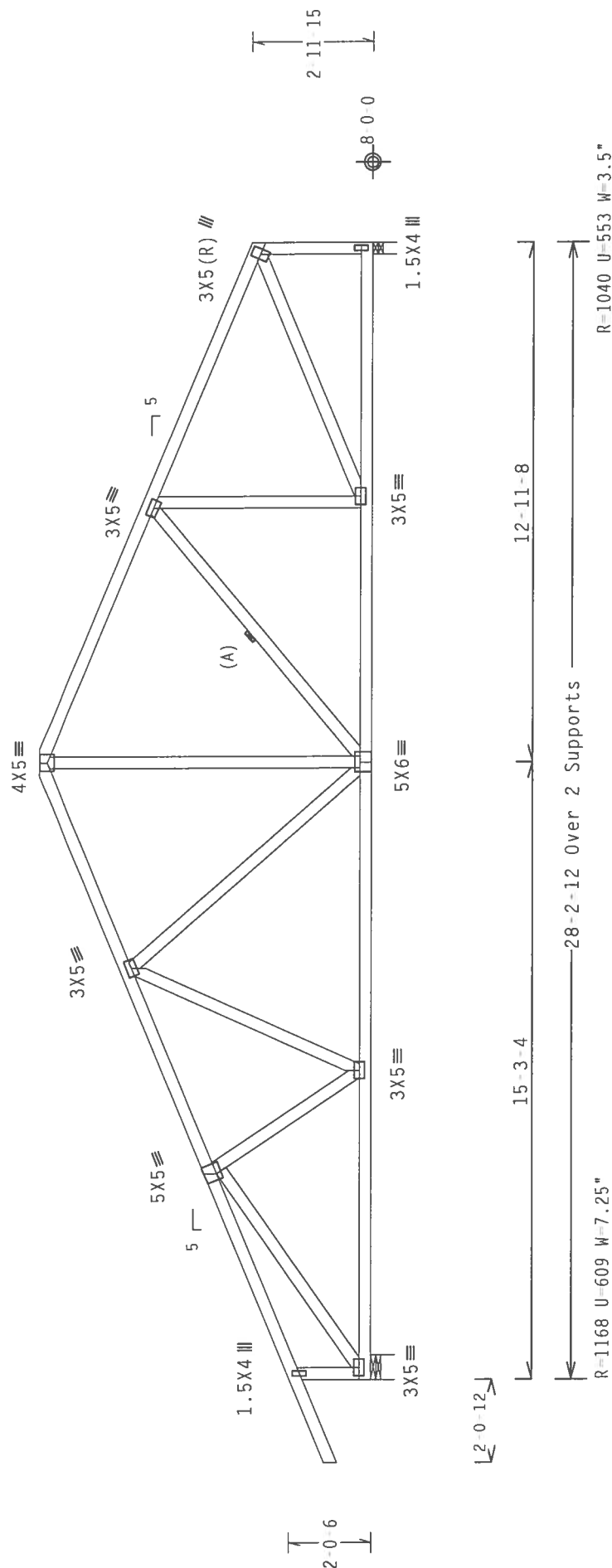
1110 mph wind, 30.00 ft mean hgt, ASCE 7 98, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Components and cladding wind pressures considered for uplift callouts.

In lieu of rigid ceiling use purlins to brace BC @ 24" OC.

(A) Continuous lateral bracing equally spaced on member.

Deflection meets L/240 live and L/180 total load.



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

222-20 QTY:1

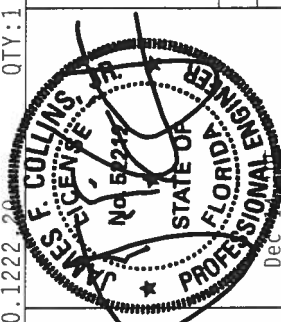
Scale = .25"/Ft.



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

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-800 BUILDING COMPONENTS SAFETY INFORMATION, PUBLISHED BY IPI (CONSTRUCTION INFORMATION PUBLICATIONS, INC., 5371 1ST AVENUE, SUITE 100, WILSONVILLE, OR 97150) FOR CRITICAL SAFETY INFORMATION. IF YOU ARE UNABLE TO OBTAIN THIS INFORMATION, PLEASE CONTACT IPI AT 503-685-1100. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT: SUBMIT A COPY OF THIS DESIGN TO AN INSTALLATION CONTRACTOR. ALPINE ENGINEERING PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS DESIGN IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES DESIGN COMBINED WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI: ALPINE TRUSS DESIGN SPEC. (REV. 10/17/2012) SHALL BE THE RESPONSIBILITY OF THE USER. THE USER SHALL BE RESPONSIBLE FOR PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE NOTED ON THIS DESIGN, POSITION PER DRAWINGS TGA-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AISC A3 OF 10/11/2002 SPEC. 3. A SEAL ON THE DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN. THE USER SHALL BE RESPONSIBLE FOR THE DESIGN AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISC SPEC. 3.1.



TC LL	20.0	PSF	REF	R2888	-	96074
TC DL	7.0	PSF	DATE	12/13/05		
BC DL	10.0	PSF	DRW	HCUSR2888	05347136	
BC LL	0.0	PSF	HC-ENG	EC/WHK		
TOT.LD.	37.0	PSF	SEQN-	45509		
DUR.FAC.	1.25					
SPACING	24.0"		JREF-	1SSZ2888706		

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2 N

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind IC DL=5.0 psf, wind BC DL=5.0 psf.

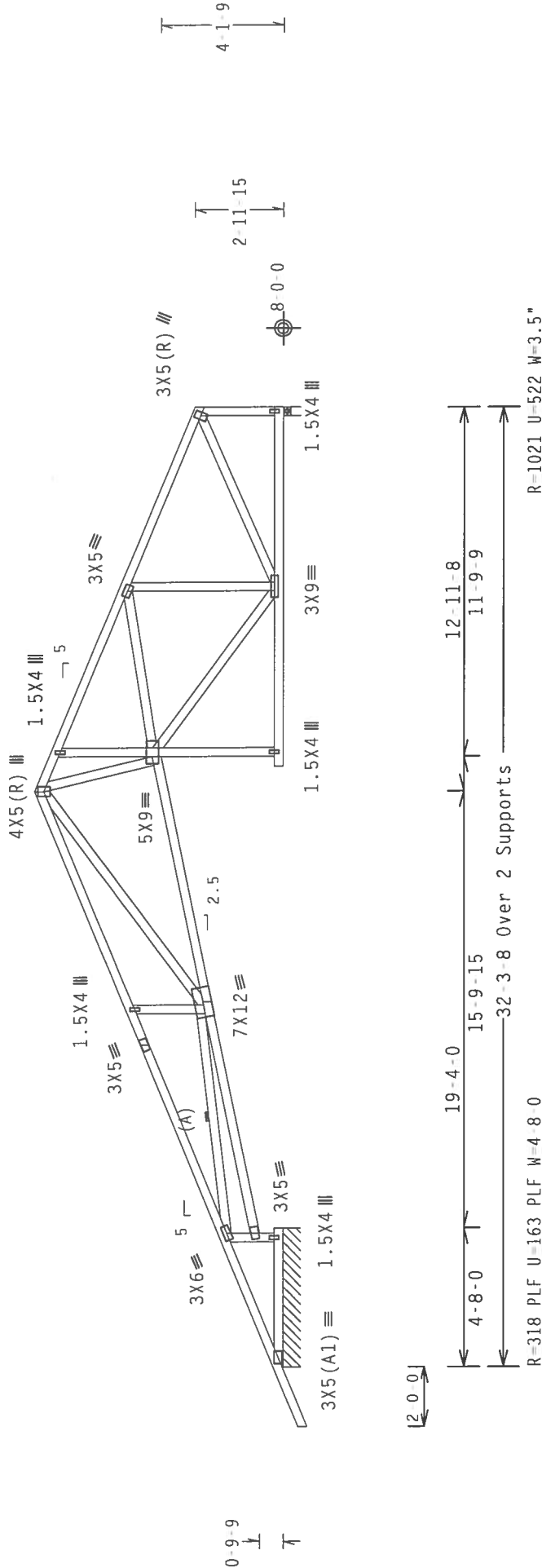
Components and cladding wind pressures considered for uplift callouts.

Right end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

In lieu of rigid ceiling use purlins to brace BC @ 24" OC.

Deflection meets L/240 live and L/180 total load.



PLT TYP. Wave TPI

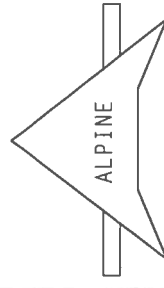
Design Crit: TPI-1995(STD)/FBC

QTY: 1

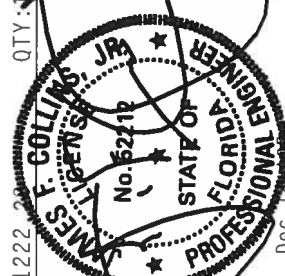
Scale = .1875" / Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1.03, BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 D'ORFORD DR., SUITE 200, MADISON, WI 53719), AND MICA (MIDWEST TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY APA) AND TPI. APPLY CONNECTOR PLATES ARE MADE OF 2018/10GA (.0475) ASTM A653 GRADE 40/60 (W. K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSSES AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS T004 Z. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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



TC LL	20.0 PSF
TC DL	7.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT. LD.	37.0 PSF
DUR. FAC.	1.25
SPACING	24.0"

REF R2888- 96075	DATE 12/13/05	DRW HCUSR2888 05347170	HC-ENG EC/WHK	SEQN- 109073	JREF- 1SSZ2888Z06
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Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2 N

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. 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.

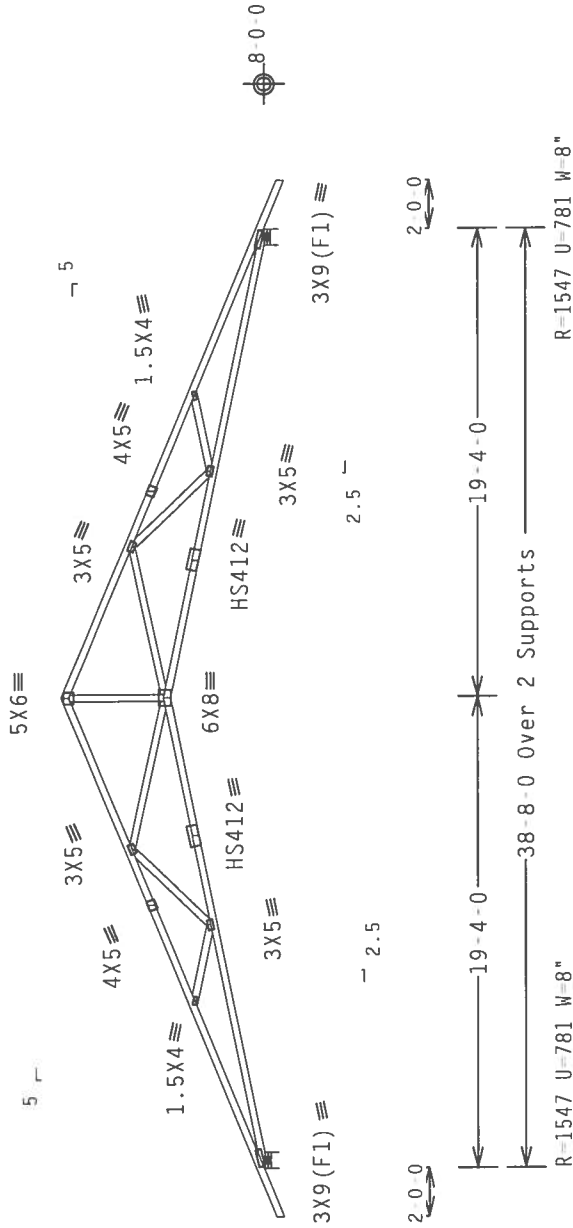
Components and cladding wind pressures considered for uplift callouts.

In lieu of rigid ceiling use purlins to brace BC @ 24" OC.

Calculated vertical deflection is 0.71" due to live load and 0.58" due to dead load at X = 24'-11"-15.

Calculated horizontal deflection is 0.38" due to live load and 0.31" due to dead load.

Deflection meets L/240 live and L/180 total load.



PLT TYP. 20 Gauge HS, Wave TPI

Design Crit: TPI-1995(STD)/FBC

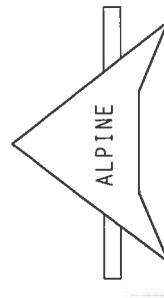
7.10.1222

QTY: 4

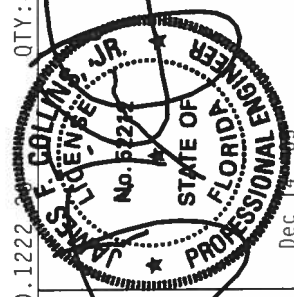
Scale = .125"/Ft.

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

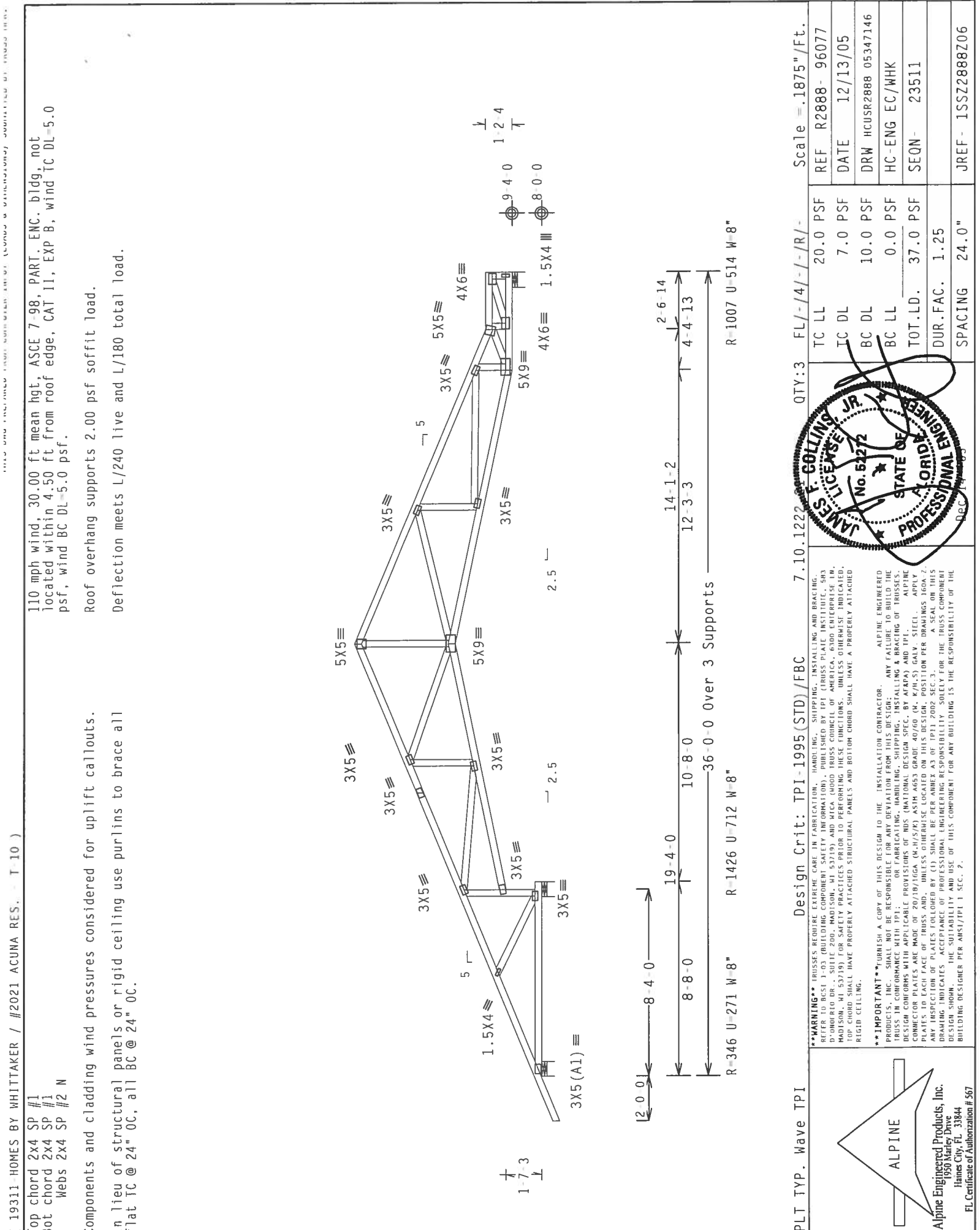
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERS & PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/PA) AND IPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (4.0/3.5/2.5) ASTM A653 GRADE 40/60 (4.0/3.5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-Z. ANY ASSESSMENT OF PLATES FOLLOWED PROPERLY (SEE 100A-Z) SHALL BE THE RESPONSIBILITY OF THE TRUSS COMPONENT DESIGNER. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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



REF	R2888 - 96076
DATE	12/13/05
DRW	HCUSR2888 05347144
HC-ENG	EC/WHK
SEQN	108847
DUR.FAC.	1.25
SPACING	24.0"
JREF	1SSZ2888Z06



(19311 HOMES BY WHITTAKER / #2021 ACUNA RES. - T 10)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2 N

Components and cladding wind pressures considered for uplift callouts.
In lieu of structural panels or rigid ceiling use purlins to brace all flat TC @ 24" OC, all BC @ 24" OC.

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. 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.

Roof overhang supports 2.00 psf soffit load.
Deflection meets L/240 live and L/180 total load.

Design Crit: TPI-1995(STD)/FBC

PLT TYP. Wave TPI

Scale = .1875"/Ft.

QTY: 3

REF R2888 - 96077

DATE 12/13/05

DRW HCUR2888 05347146

HC-ENG EC/WHK

SEQN- 23511

JREF- 1SSZ2888Z06

JAMES F. GOLLINS, JR.
No. 54272
STATE OF FLORIDA
PROFESSIONAL ENGINEER

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

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2 N

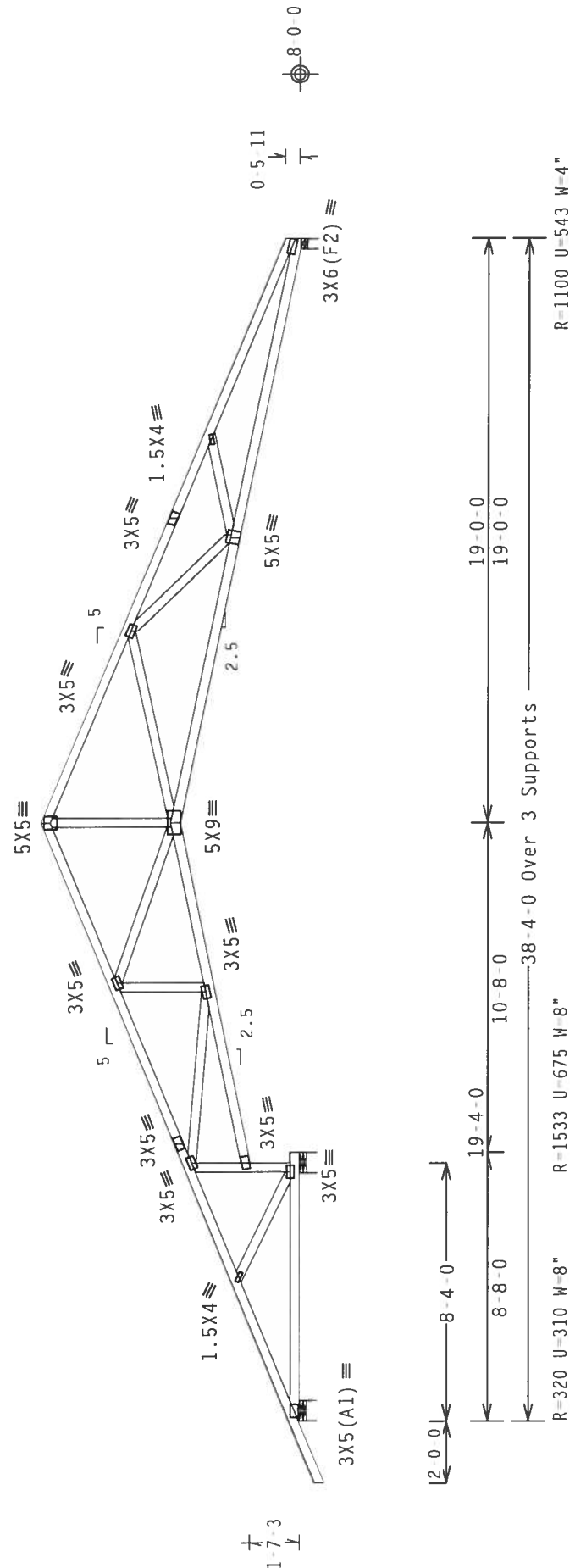
110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Components and cladding wind pressures considered for uplift callouts.

In lieu of rigid ceiling use purlins to brace BC @ 24" OC.

Deflection meets L/240 live and L/180 total load.

Shim all supports to solid bearing.



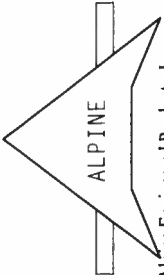
PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.10.1222

QTY:1 FL/-4/-R/-

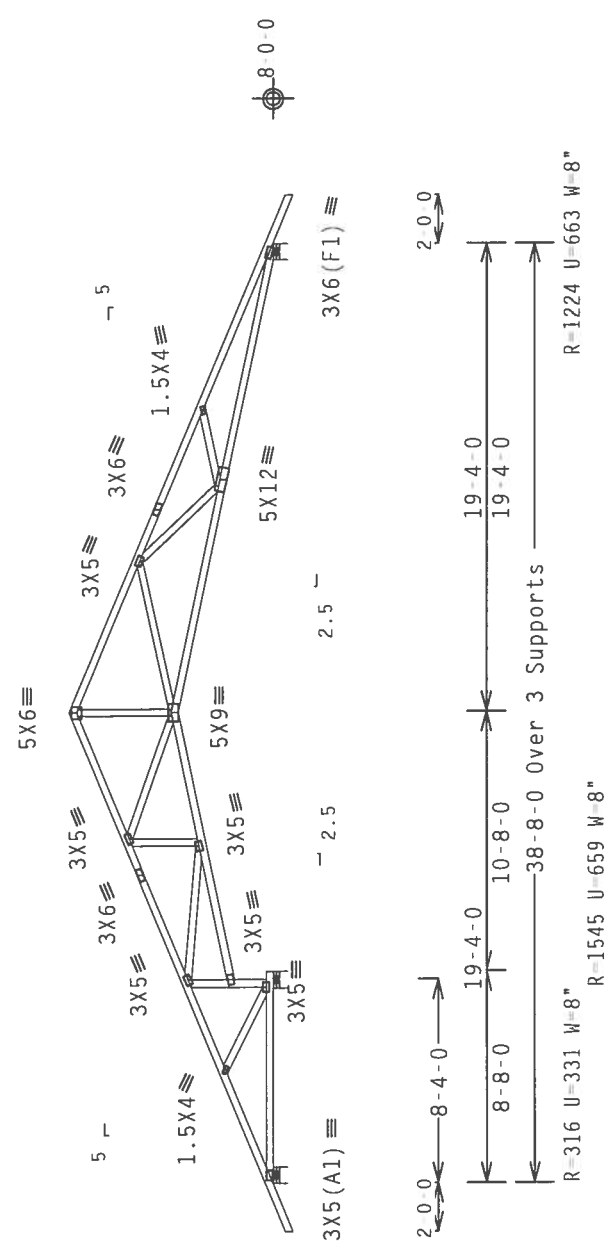
Scale = .1875"/Ft.

 Alpine Engineered Products, Inc. Haines City, FL 33844 FL Certificate of Authorization # 567	**WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSP 1.03 BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE TRUSS PLATE INSTITUTE, 503 O'DONNELL DR., SUITE 200, MADISON, WI 53719, AND NCA (NATIONAL 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.		REF R2888- 96078
	IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. CONNECTOR PLATES ARE MADE OF 2018/16GA (W.H/5/6) ASTM A653 GRADE 40/60 (W. K/H/5) GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) SPECIFICATION FOR STRUCTURAL STEEL, PART 10, SECTION 10.3. A SEAL ON THIS SPECIFICATION INDICATES THE SIGNATURE OF THE PROFESSIONAL ENGINEER RESPONSIBLE FOR THE TRUSS COMPANY'S BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.		DATE 12/13/05
			DRW HCUSR2888 05347156
			HC-ENG EC/WHK
			SEQN- 108974
		DUR.FAC. 1.25	JREF- 1SSZ2888Z06
		SPACING 24.0"	



110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. 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.

Components and cladding wind pressures considered for uplift callouts.
In lieu of rigid ceiling use purlins to brace BC @ 24" OC.
Shim all supports to solid bearing.
Deflection meets L/240 live and L/180 total load.

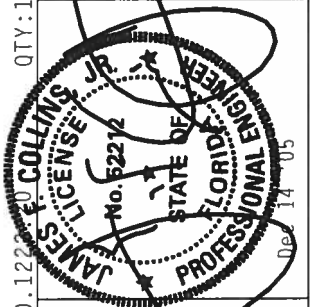
PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

QTY:1 FL/-/4/-/-/R/-/-

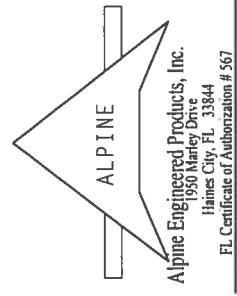
Scale = .125"/Ft.

TC LL	20.0 PSF	REF R2888- 96079
TC DL	7.0 PSF	DATE 12/13/05
BC DL	10.0 PSF	DRW HCUSR2888 05347155
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	37.0 PSF	SEQN- 108874
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SSZ2888Z06



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TP1 (TRUSS PLEAT INSTITUTE), 583 D'AMORE 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: TURNISH A COPY OF THIS DESIGN TO THE INSULATION CONTRACTOR. PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THIS OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AIA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/106GA. (N.W./S) ASTM A663 GRADE 40/60 (N. K/H-S) GALV. STEEL. PLATES TO EACH FACE OF TRUSS/LOGGA. OTHERWISE LOCATED ON THIS POSITION PER DRAWINGS LOGA-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A.3 OF TPI-2002 SEC 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLICIT FOR THE TRUSS COMPONENT DESIGN SHOWN. SUBMIT AND USE OF THIS DESIGN COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEX TPI-1 SEC. 7.



Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2 N

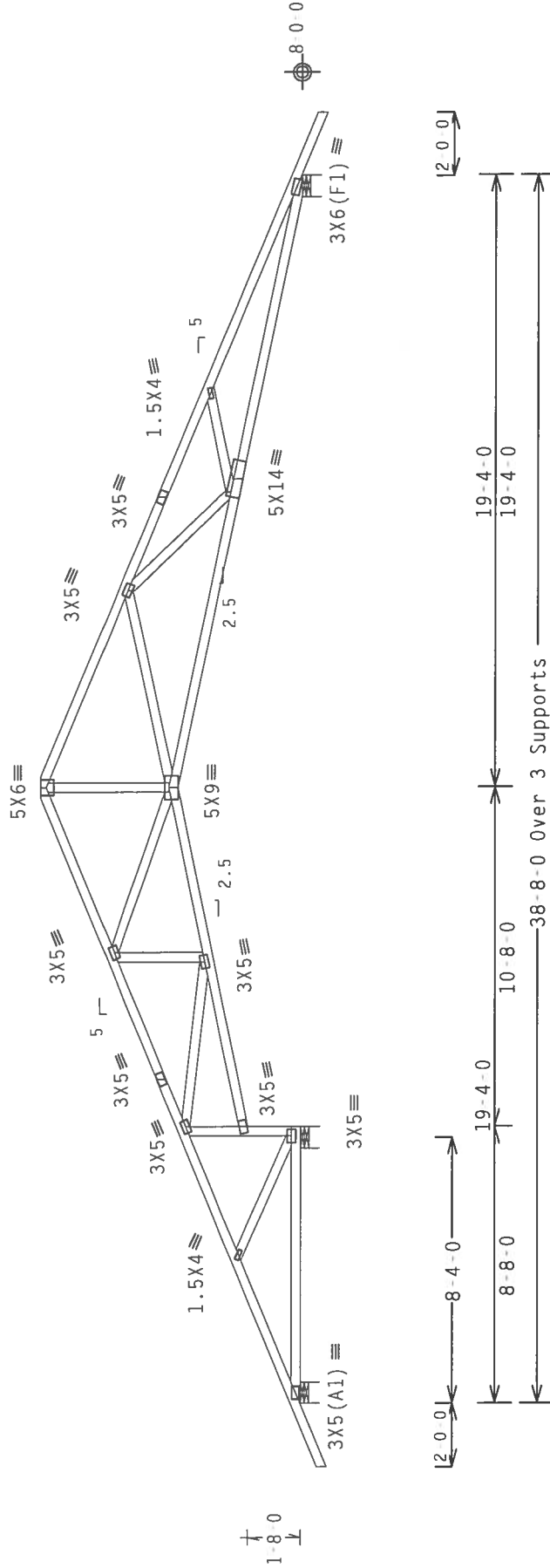
Components and cladding wind pressures considered for uplift callouts.

Deflection meets L/240 live and L/180 total load.

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

In lieu of rigid ceiling use purlins to brace BC @ 24" OC.

Shim all supports to solid bearing.



R=437 U=379 W=8"

R=1422 U=587 W=8"

R=1234 U=657 W=8"

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

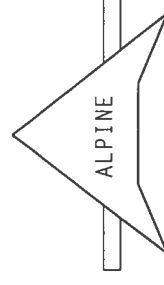
7.10.1222

QTY:1 FL/-/4/-/R/-

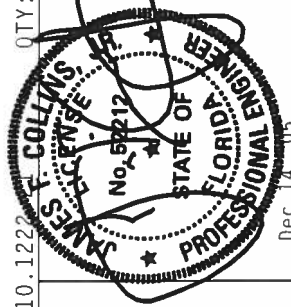
Scale = .1875"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES (BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE TRUSS ASSOCIATION, 10000 W. 11TH AVE., SUITE 200, MADISON, WI 53719) AND AISC (STEEL EDITION) FOR THE TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2019/16GA (4-H/5K) ASTM A653 GRADE 40/60 (40 K/40.5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS (FIG. 2). A SEAL ON THIS DRAWING INDICATES THE TRUSS HAS BEEN INSPECTED AND APPROVED FOR THE TRUSS CONTRACTOR. THE SUELIABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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



TC LL	20.0 PSF	REF	R2888 - 96080
TC DL	7.0 PSF	DATE	12/13/05
BC DL	10.0 PSF	DRW	HCUSR2888 05347171
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT.LD.	37.0 PSF	SEQN	24083
DUR.FAC.	1.25		
SPACING	24.0"	JREF	1SSZ2888Z06

Top	chord	2x4	SP	#1
Bot	chord	2x4	SP	#1
	webs	2x4	SP	#2 N

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. 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.

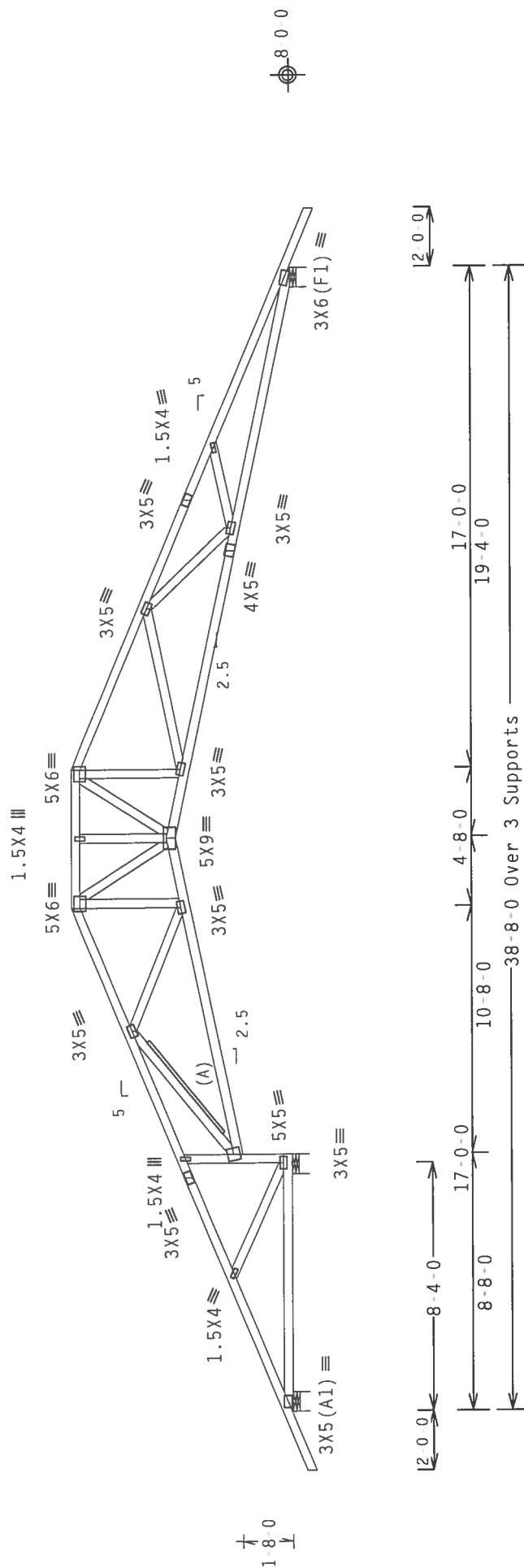
Components and cladding wind pressures considered for uplift callouts.

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

Shim all supports to solid bearing.

(A) 1x4 #3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.13"x2.5".min.)nails @ 6" OC.

Deflection meets L/240 live and L/180 total load.



R=443 U=380 W=8^m

R-1415 U-602 W-8"

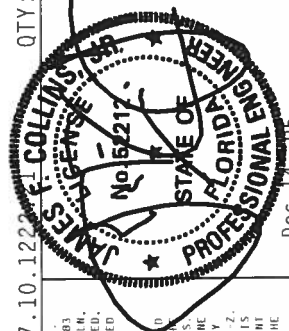
R-1236 U-676 W-8"

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

QTY:1

Scale = .1875" / Ft.

[illegible][illegible]

1930 Hainey Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

REF- 1SSZ2888Z06

TC LL	20.0 PSF	REF R2888 - 96081
TC DL	7.0 PSF	DATE 12/13/05
BC DL	10.0 PSF	DRW HCUSR2888 05347158
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	37.0 PSF	SEQN- 24078
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SSZ2888Z06

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2 N

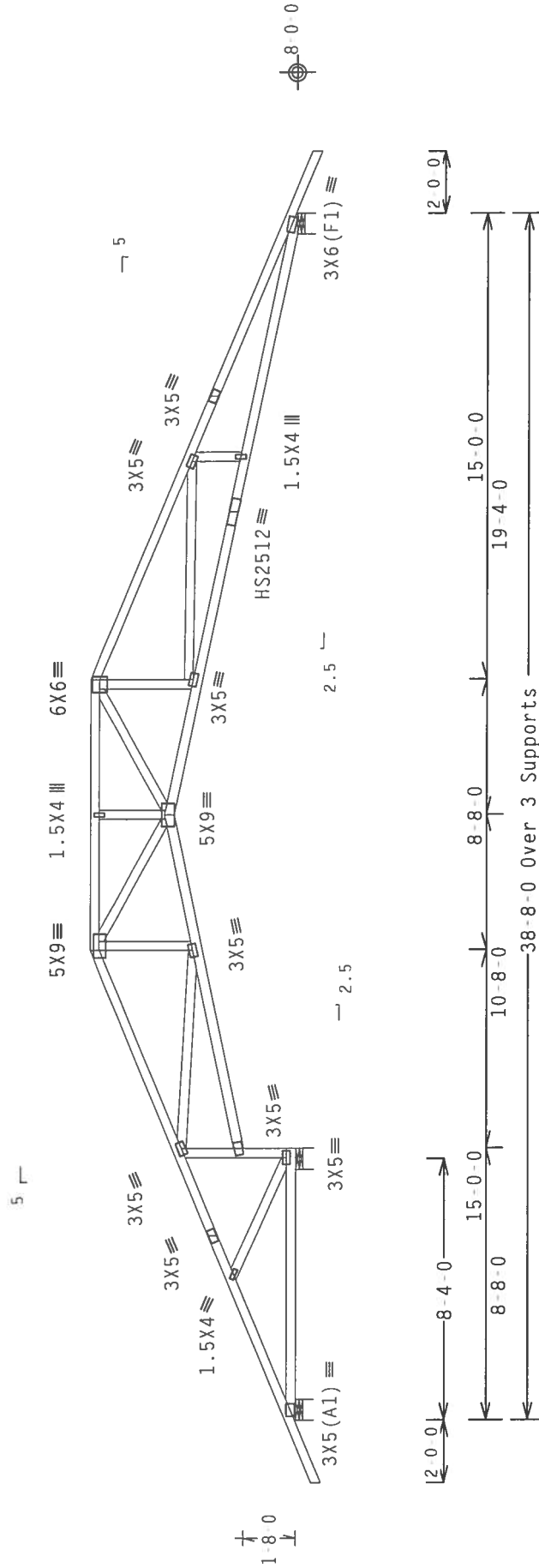
Components and cladding wind pressures considered for uplift callouts.

Deflection meets L/240 live and L/180 total load.

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf.

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

Shim all supports to solid bearing.



R-423 U=367 W=8"

R=1441 U=622 W=8"

R-1230 U=673 W=8"

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

7.10.1222.21

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

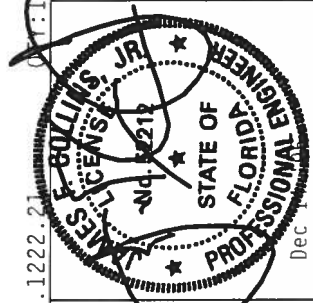
Scale = 1/8" = 1'-0"

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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD IN ACCORDANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE DESIGNER'S RESPONSIBILITY IS TO PROVIDE A DESIGN THAT CONFORMS TO THE DESIGN SPECIFICATIONS AND TO THE BUILDING CODES. THE DESIGNER'S RESPONSIBILITY IS TO PROVIDE A DESIGN THAT CONFORMS TO THE DESIGN SPECIFICATIONS AND TO THE BUILDING CODES. THE DESIGNER'S RESPONSIBILITY IS TO PROVIDE A DESIGN THAT CONFORMS TO THE DESIGN SPECIFICATIONS AND TO THE BUILDING CODES.



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



TC LL	20.0 PSF	REF	R2888 - 96082
TC DL	7.0 PSF	DATE	12/13/05
BC DL	10.0 PSF	DRW	HCUSR2888 05347150
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT.LD.	37.0 PSF	SEQN	24073
DUR.FAC.	1.25		
SPACING	24.0"	JREF	1SSZ2888Z06

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2 N

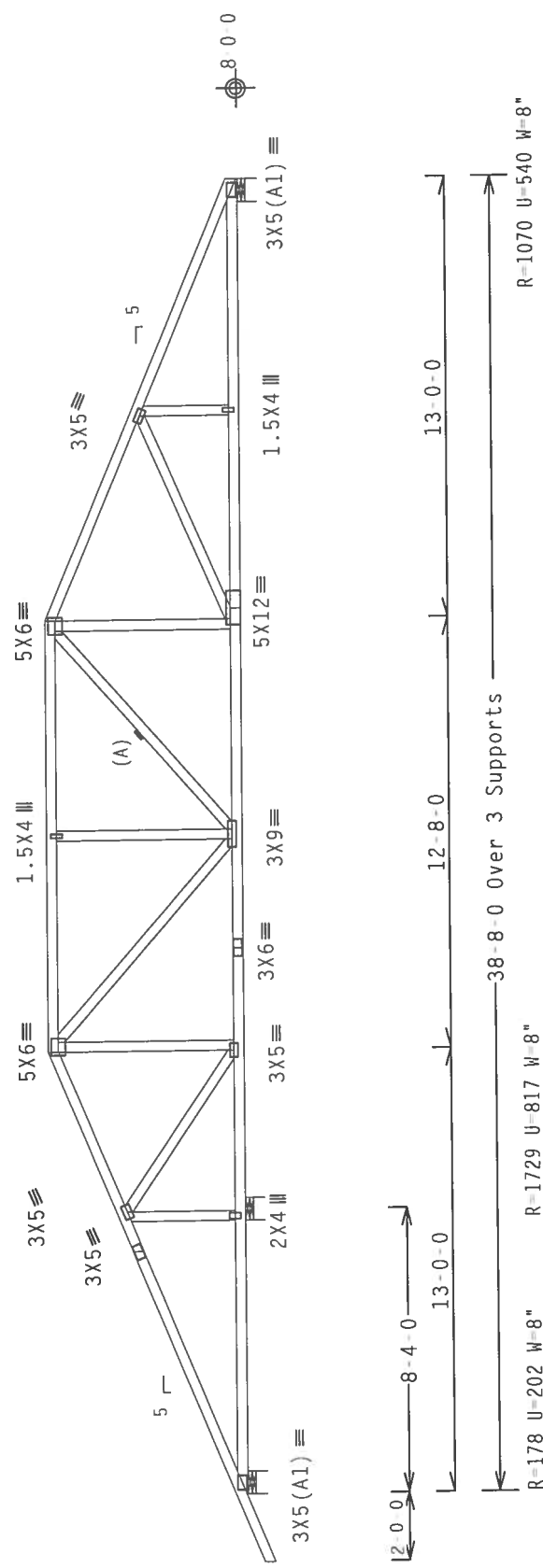
Components and cladding wind pressures considered for uplift callouts.

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

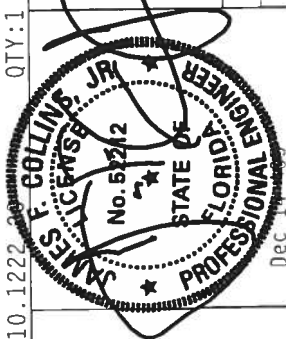
110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

Deflection meets L/240 live and L/180 total load.

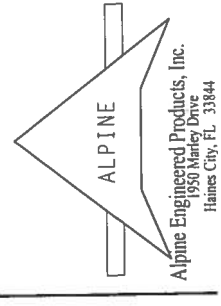


PLT TYP. Wave TPI	Design Crit: TPI-1995(STD)/FBC	7.10.1222	QTY:1	FL/-/4/-/-/R/-	Scale = .1875"/Ft.
					REF R2888- 96083
					DATE 12/13/05
					DRW HCUSR2888 05347127
					HC-ENG EC/WHK
					SEQN- 108905
					DUR.FAC. 1.25
					SPACING 24.0"
					JREF- 1SSZ2888Z06



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC611.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INFORMATION), 1000 D'ORFORD DR., SUITE 200, MADISON, WI 53719, AND NCEA (WOOD TRUSS CONSTRUCTION), 1000 D'ORFORD DR., SUITE 200, MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMANCE. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN ACCORDANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AFAPA) AND TPI. ALL THE CONNECTOR PLATES ARE MADE OF 20/10/16GA (W-1/5/5X) ASTM A653 GRADE 40/60 (M. K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL OF PER ANNEX A3 OF TPI 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2 N

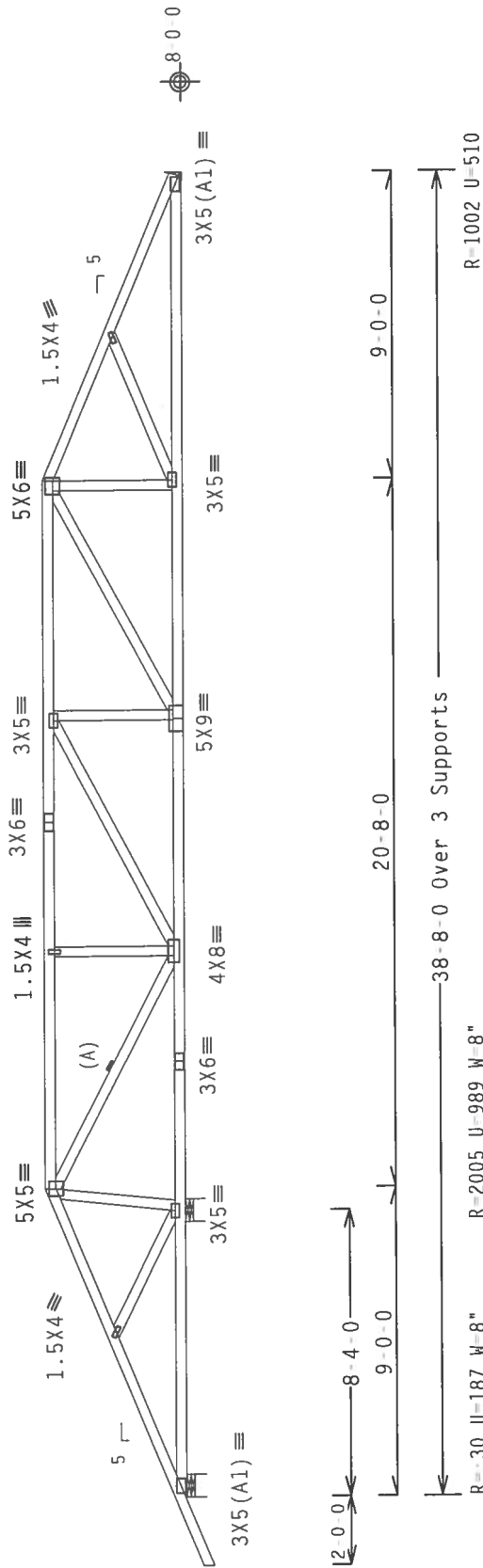
110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Components and cladding wind pressures considered for uplift callouts.

(A) Continuous lateral bracing equally spaced on member.

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

Deflection meets L/240 live and L/180 total load.



PLT TYP. Wave TPI

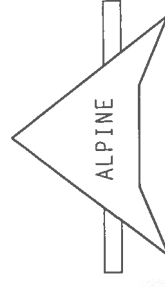
Design Crit: TPI-1995(STD)/FBC

7.10.1222

QTY:1

FL/-4/-/R/-

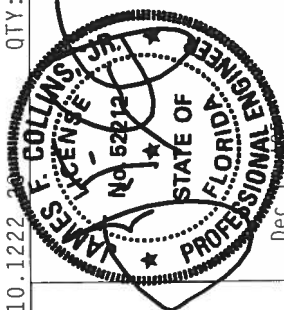
Scale =.1875"/Ft.



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1930 Highway 1
Haines City, FL 33844
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****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE INTERNATIONAL ASSOCIATION OF BRIDGE ENGINEERS (IABSE) OR THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC. (AISC) FOR THE LATEST RECOMMENDATIONS. THE TRUSS 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)/FBC OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HDS (NATIONAL DESIGN SPEC. BY AISC) AND TPI-1. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (N-H/S/K) ASTM A653 GRADE 40/60 (M. K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TC LL	20.0 PSF	REF R2888- 96085
TC DL	7.0 PSF	DATE 12/13/05
BC DL	10.0 PSF	DRW HCUSR2888 05347153
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	37.0 PSF	SEQN- 108727
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SSZ2888Z06

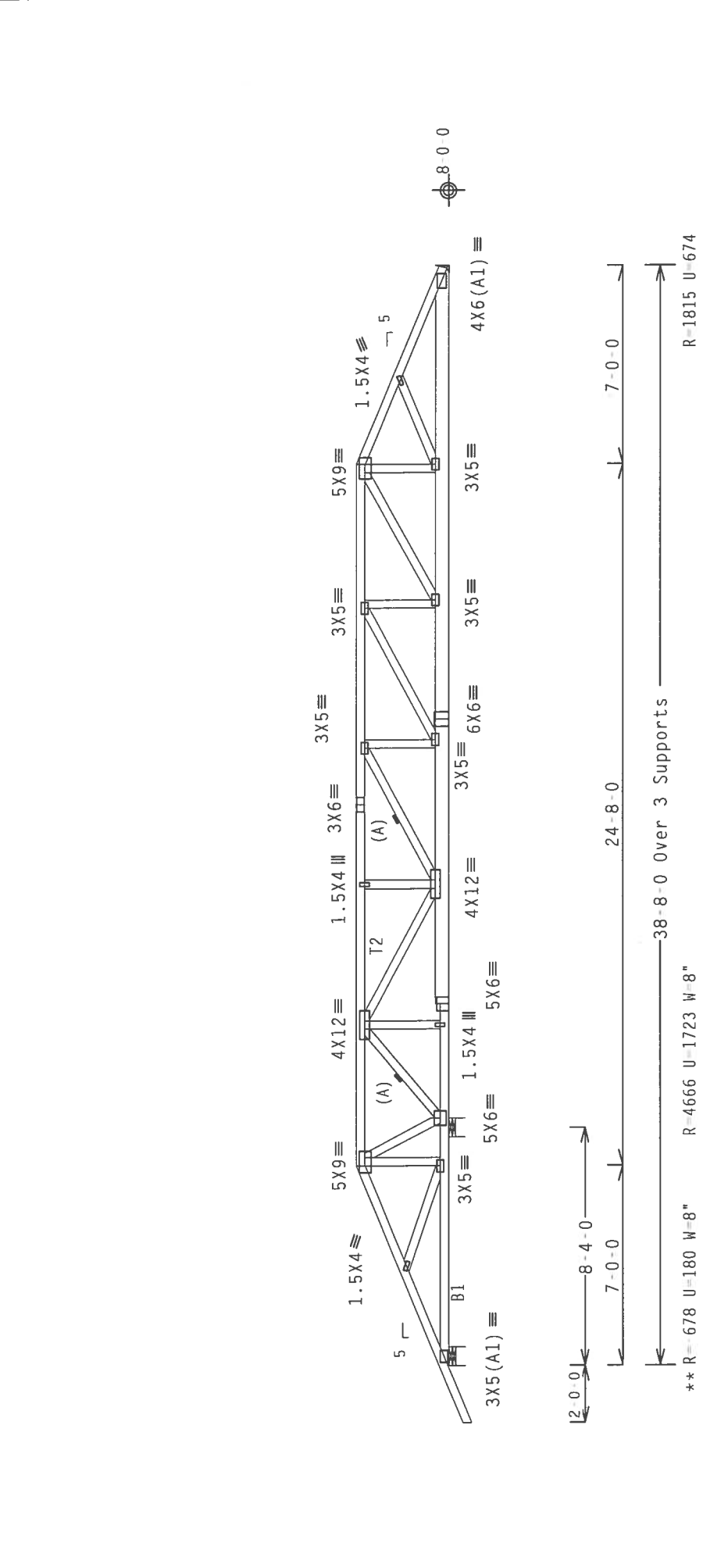
Top chord 2x4 SP #1 :T2 2x4 SP SS:
Bot chord 2x6 SP #2 :B1 2x4 SP #1:
Webs 2x4 SP #2 N

Roof overhang supports 2.00 psf soffit load.

(A) Continuous lateral bracing equally spaced on member.

#1 hip supports 7 0 0 jacks with no webs.

Deflection meets L/240 live and L/180 total load.

[illegible]

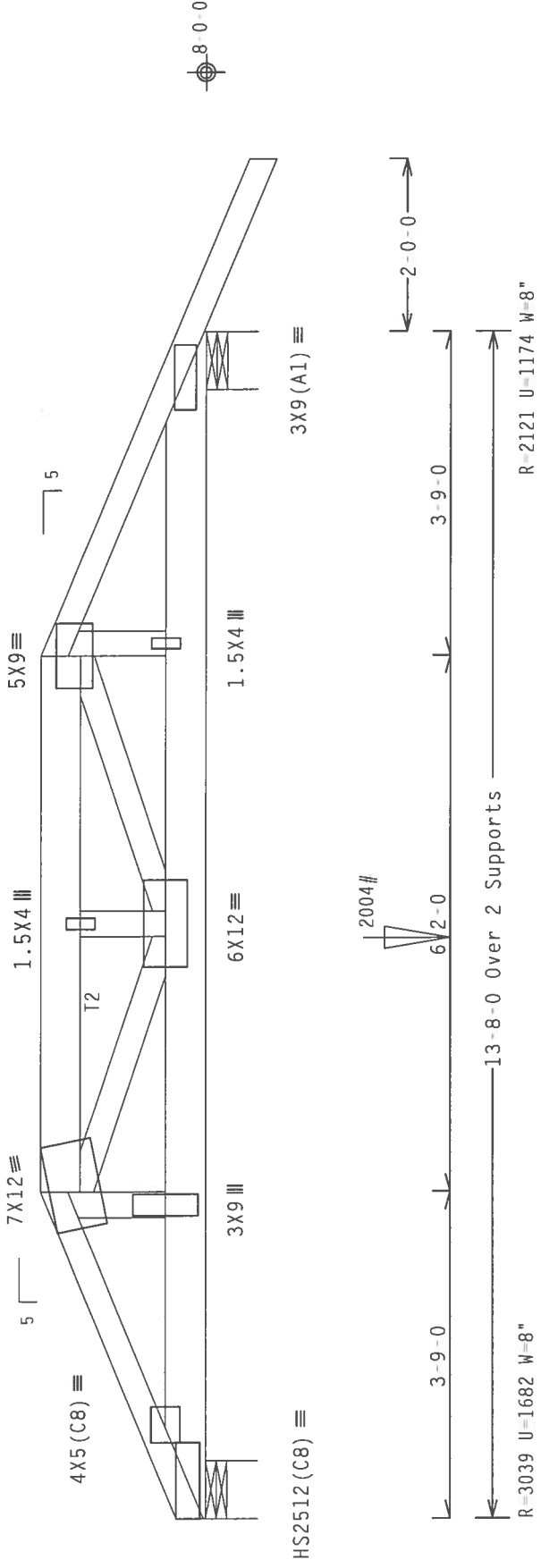
Top chord 2x4 SP #2 N :T2 2x6 SP #2:
Bot chord 2x6 SP S5
Webs 2x4 SP #2 N

SPECIAL LOADS

- LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
- TC - From 54 PLF at 0.00 to 54 PLF at 15.67
- BC - From 20 PLF at 0.00 to 20 PLF at 13.67
- BC - From 4 PLF at 13.67 to 4 PLF at 15.67
- BC 1027 LB Conc. Load at 2.60
- BC - 1002 LB Conc. Load at 4.60
- BC - 2004 LB Conc. Load at 6.67

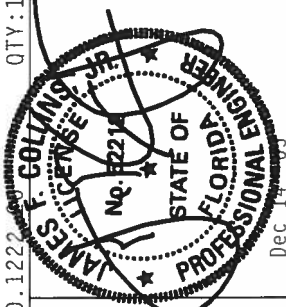
110 mph wind, 15.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

In lieu of structural panels or rigid ceiling use purlins to brace all flat TC @ 24" OC, all BC @ 24" OC.
Deflection meets L/240 live and L/180 total load.



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

QTY:1	FL/-/4/-/R/-	Scale =.5"/Ft.
TC LL	20.0 PSF	REF R2888- 96087
TC DL	7.0 PSF	DATE 12/13/05
BC DL	10.0 PSF	DRW HCUSR2888 05347138
BC LL	0.0 PSF	HC-ENG SSB/WHK
TOT.LD.	37.0 PSF	SEQN- 108850
DUR.FAC.	1.25	
SPACING	SEE ABOVE	JREF- 1SSZ2888Z06



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ORFORD DR., SUITE 200, MADISON, WI 53719), AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719), FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/S/K) ASTM A653 GRADE 40/60 (M. K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-2. DRAWING 100B-2. THE SELLER SHALL BE RESPONSIBLE FOR THE TRUSS CONSTRUCTION. THE SELLER SHALL BE RESPONSIBLE FOR THE TRUSS CONSTRUCTION. THE SELLER SHALL BE RESPONSIBLE FOR THE TRUSS CONSTRUCTION. THE SELLER SHALL BE RESPONSIBLE FOR THE TRUSS CONSTRUCTION.

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

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

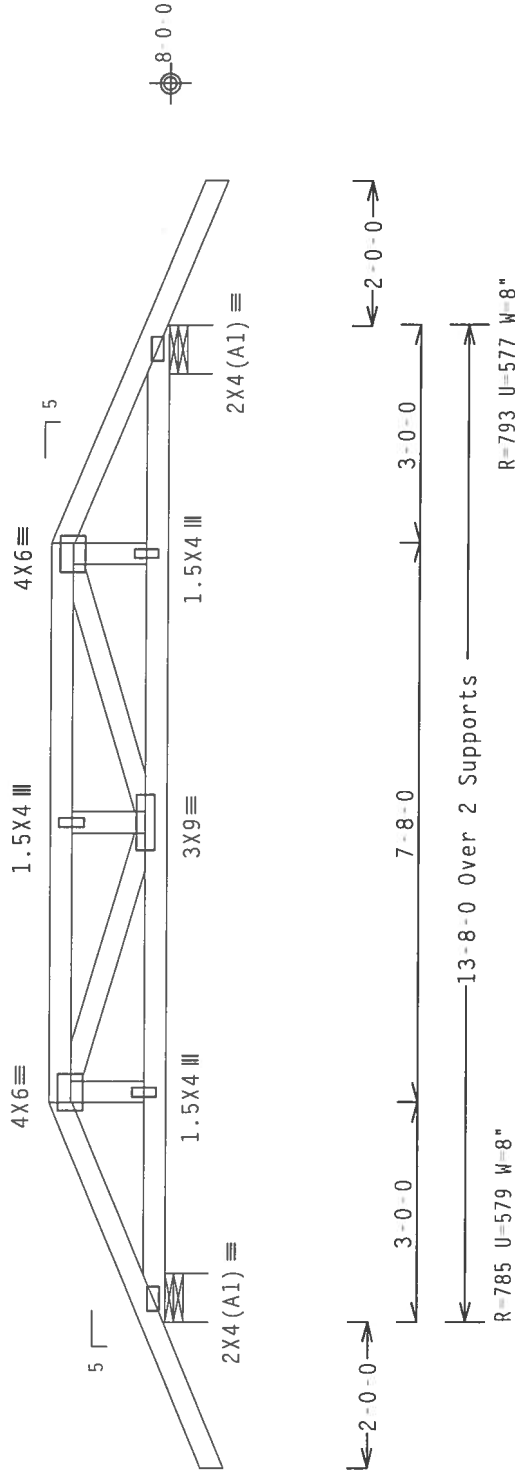
SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 54 PLF at 2.00 to 54 PLF at 15.67
BC - From 20 PLF at 0.00 to 20 PLF at 13.67
BC - From 4 PLF at 13.67 to 4 PLF at 15.67
TC - 64 LB Conc. Load at 3.00, 10.67
TC - 12 LB Conc. Load at 3.06, 10.60
TC - 26 LB Conc. Load at 5.06, 6.60, 8.60
BC - 30 LB Conc. Load at 3.06, 10.60
BC - 18 LB Conc. Load at 5.06, 6.60, 8.60

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

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

Deflection meets L/240 live and L/180 total load.



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.22.1122

Scale = .375"/Ft.

REF R2888- 96088

DATE 12/13/05

DRW HCUSR2888 05347157

HC-ENG SSB/WHK

SEON- 49171 REV

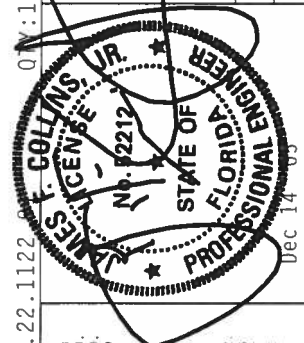
DUR.FAC. 1.25

SPACING SEE ABOVE

JREF- 1SSZ2888Z06



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



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***IMPORTANT** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, CORRELATION PLATES ARE MADE TO THE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY ALPINE) AND TPI. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN. THIS DESIGN IS FOR PER A SEAL ON THIS ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANCH A3 OF TPI 2002 SEC 3.2. APPLY SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

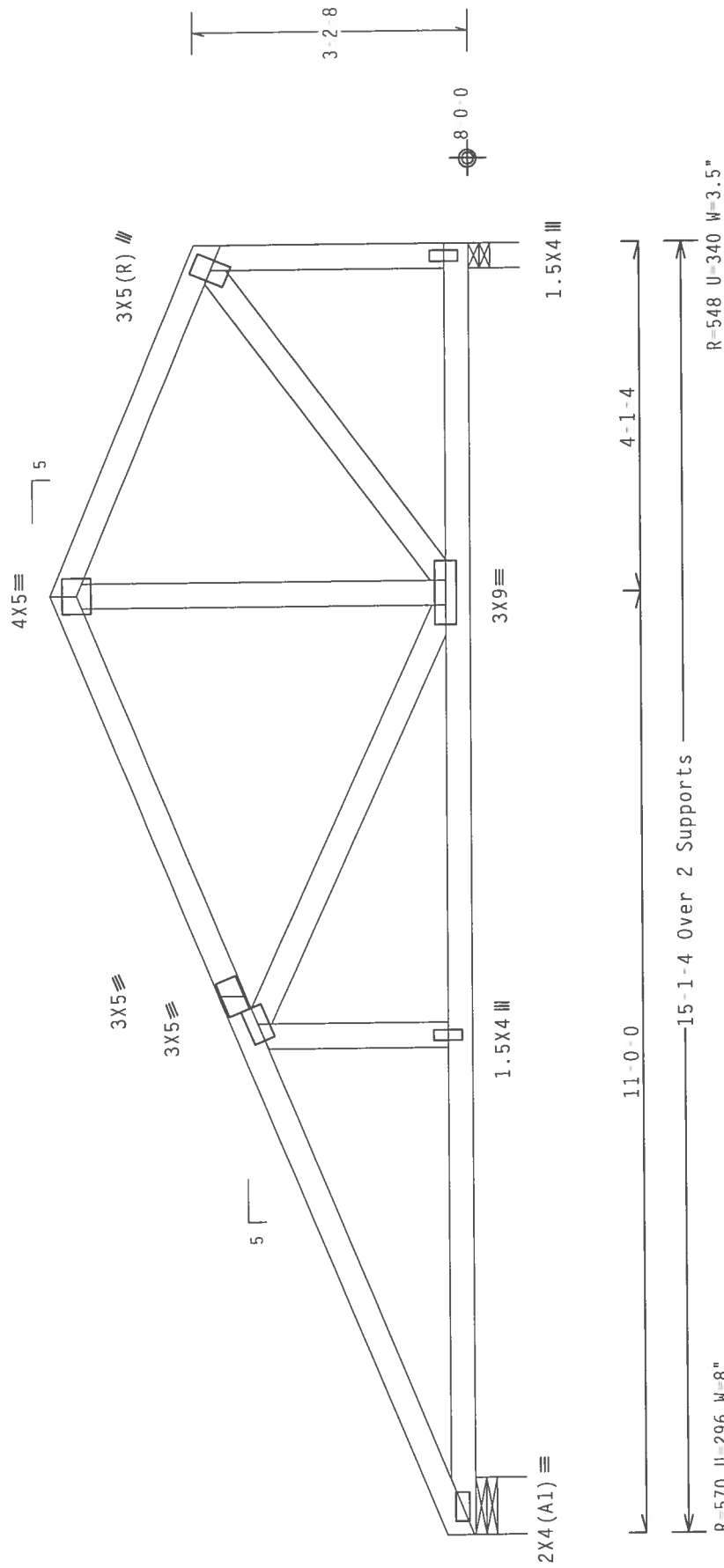
110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Components and cladding wind pressures considered for uplift callouts.

In lieu of rigid ceiling use purlins to brace BC @ 24" OC.

Right end vertical not exposed to wind pressure.

Deflection meets L/240 live and L/180 total load.



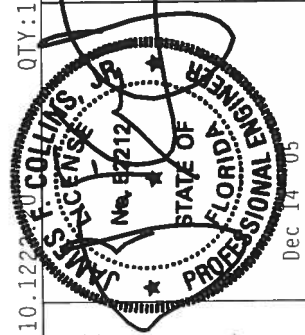
PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

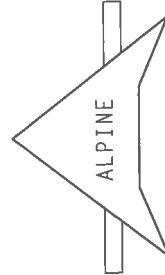
QTY:1 FL/-/4/-/-/R/-/-

Scale = .5" / Ft.

TC LL	20.0 PSF	REF R2888- 96089
TC DL	7.0 PSF	DATE 12/13/05
BC DL	10.0 PSF	DRW HCURS2888 05347137
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	37.0 PSF	SEQN- 108858
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SSZ2888Z06



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IPI (CRUSS PLATE INSTITUTE, 581 0'DONNIO 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 TOP CHORD SILLING.

[illegible]

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Haines City, FL 33844
FL Certificate of Authorization # 567

Top	chord	2x4	SP #1
Bot	chord	2x4	SP #1
	Webs	2x4	SP #2

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf.

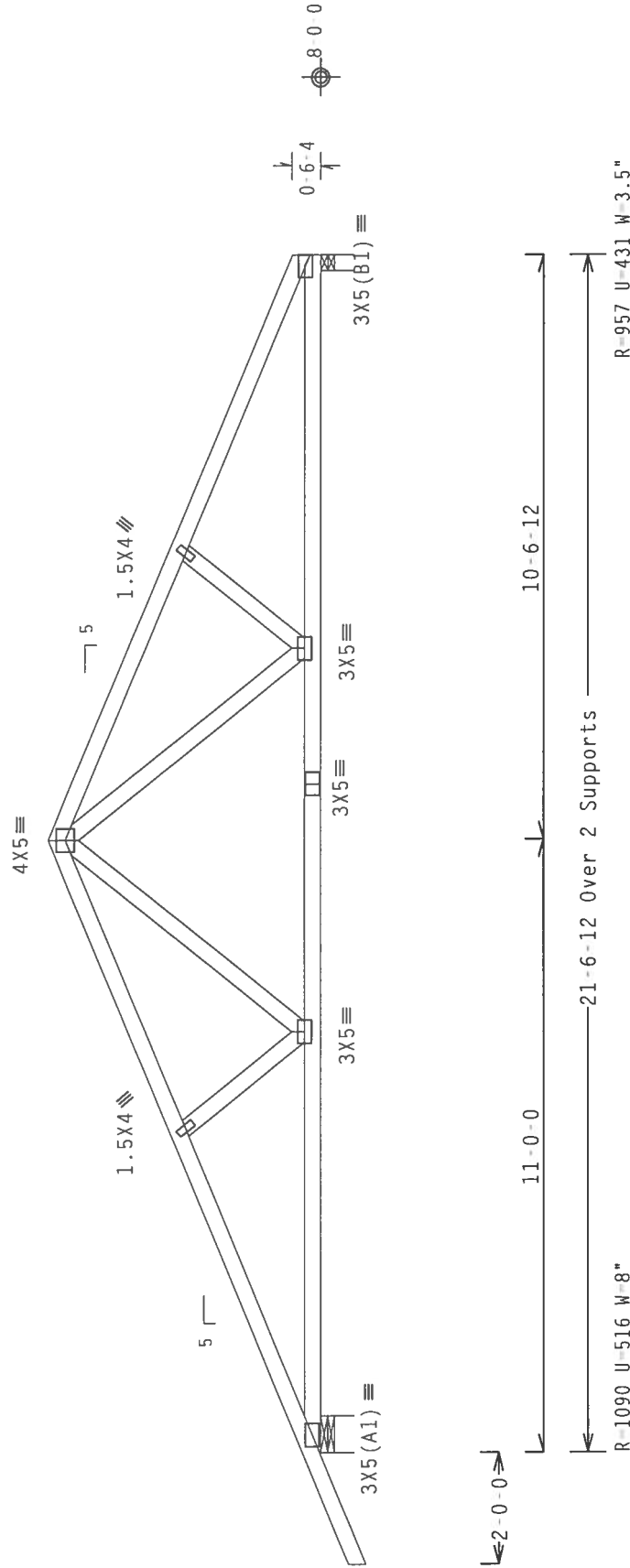
SPECIAL LOADS

		(LUMBER DUR.FAC. -1.25 / PLATE DUR.FAC. -1.25)
TC	From	54 PLF at 2.00 to 54 PLF at 21.56
BC	From	4 PLF at 2.00 to 4 PLF at 0.00
BC	From	20 PLF at 0.00 to 20 PLF at 7.55
BC	From	70 PLF at 7.55 to 70 PLF at 14.26
BC	From	20 PLF at 14.26 to 20 PLF at 21.56

Components and cladding wind pressures considered for uplift callouts.

In lieu of rigid ceiling use purlins to brace BC @ 24" OC.

Deflection meets L/240 live and L/180 total load.



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

QTY: 3 FL/-/4/-/-/R/-/

Scale = .3125"/Ft.

****WARNING**** THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCS 1-03 (BUILDING COMPONENT SAFETY IN OPERATION), PUBLISHED BY THE STEEL PLATE INSTITUTE 363 MADISON, VA 22119 FOR SAFETY PRACTICES PRIOR TO OPERATING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED SLEIGH CELLING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: TRUSS IN CONFORMANCE WITH IPI1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING OR ERECTING WITH APPLICABLE PROVISIONS OF THIS NATIONAL DESIGN SPEC. BY ANY OTHER MEANS. THIS DESIGN IS THE PROPERTY OF PRODUCTS, INC. AND IS NOT TO BE REPRODUCED OR COPIED WITHOUT THE WRITTEN CONSENT OF PRODUCTS, INC. UNLESS OTHERWISE LOCATED ON THIS DESIGN. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER 43 OF IPI1 2002 SECTIONS 10.1.1 AND 10.1.2. (2) SHALL BE PER AMER 43 OF IPI1 2002 SECTIONS 10.1.1 AND 10.1.2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SEE DRAWING SHOWING THE ANSUL/IPI1 1 SEC. 2 BUILDING DESIGNER PER AMER 43 OF IPI1 2002 SECTIONS 10.1.1 AND 10.1.2.



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

Dec 14 05

JREF = 15572888706

SPACING 24.0"

Dec 14 05

THE CITY OF THE

IT FOR ANY BUILDING IS THE RE

R ANSI/TPI 1 SEC. 2.

344 DESIGN SHOW BUILDING DES

Haines Ci

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2 N

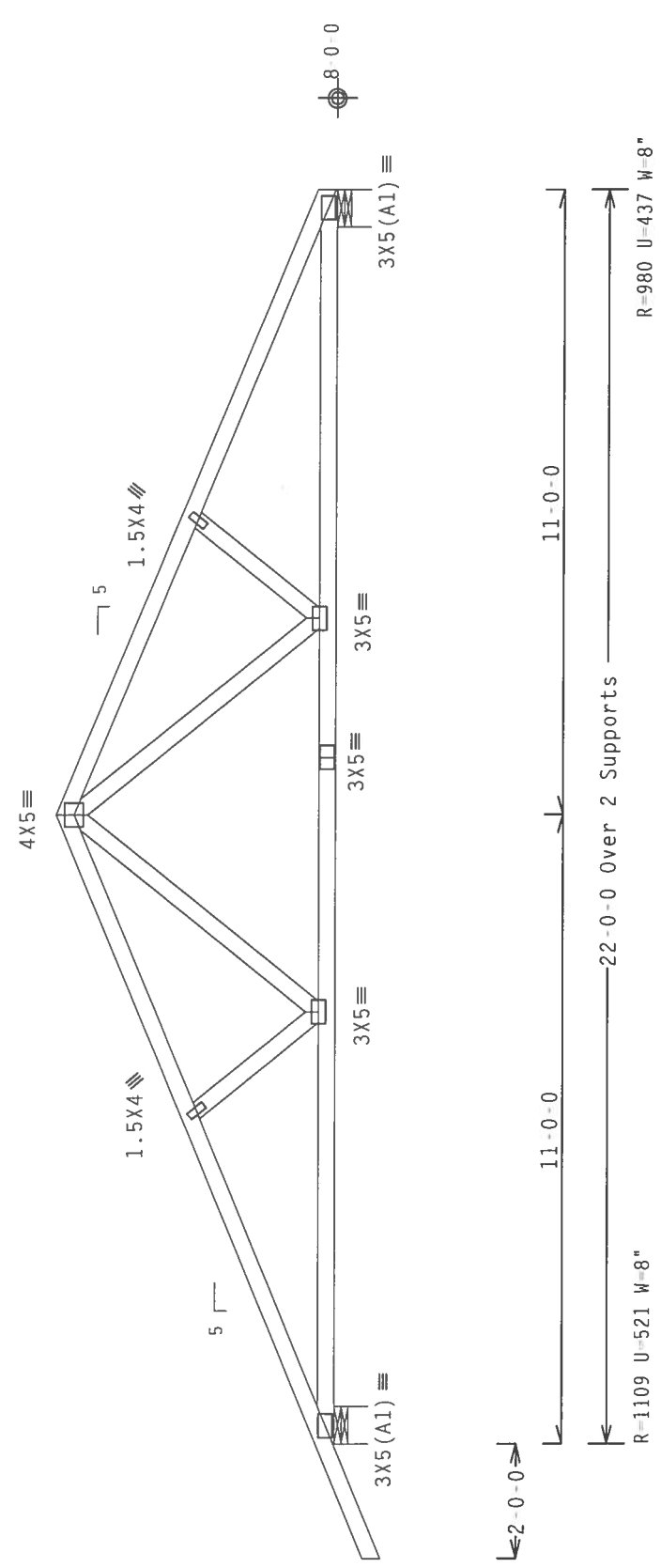
SPECIAL LOADS
----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 54 PLF at -2.00 to 54 PLF at 22.00
BC - From 4 PLF at -2.00 to 4 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 7.55
BC - From 70 PLF at 7.55 to 70 PLF at 14.45
BC - From 20 PLF at 14.45 to 20 PLF at 22.00

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. 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.

Components and cladding wind pressures considered for uplift callouts.

In lieu of rigid ceiling use purlins to brace BC @ 24" OC.

Deflection meets L/240 live and L/180 total load.



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.10.1222

Scale = .3125"/Ft.

QTY:1

TC LL	20.0 PSF
TC DL	7.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	37.0 PSF
DUR.FAC.	1.25
SPACING	24.0"

REF R2888 - 96091

DATE 12/13/05

DRW HCUSR2888 05347130

HC-ENG EC/WHK

SEQN- 108882

JREF- 1SSZ2888Z06

ALPINE

Alpine Engineered Products, Inc.

1950 Marley Drive

James City, FL 33844

FL Certificate of Authorization # 567

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 563 D'AMORE DR., SUITE 200, MADISON, WI 53719) AND NCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA) AND TPI. ALPINE CONNECTION PLATES ARE MADE OF 2017/16GA (4.0/5.8) ASH A553 GRADE 40/60 (IN. K/1.5) GALV. STEEL. APPLY UNLESS OTHERWISE NOTED ON THIS DESIGN. POSITION PER DRAWINGS 100A-2. ANY INSPECTION OF PLATES FOLLOWED BY SMALL PERMANENT STAMPING OF THE DESIGNER'S NAME AND DATE OF DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

Dec 14 2005

STATE OF FLORIDA

PROFESSIONAL ENGINEER

NO. 5242

F. COLLINS, JR.

ENGINEER

Top chord	2x4	SP #1
Bot chord	2x4	SP #1
webs	2x4	SP #2

SPECIAL LOADS

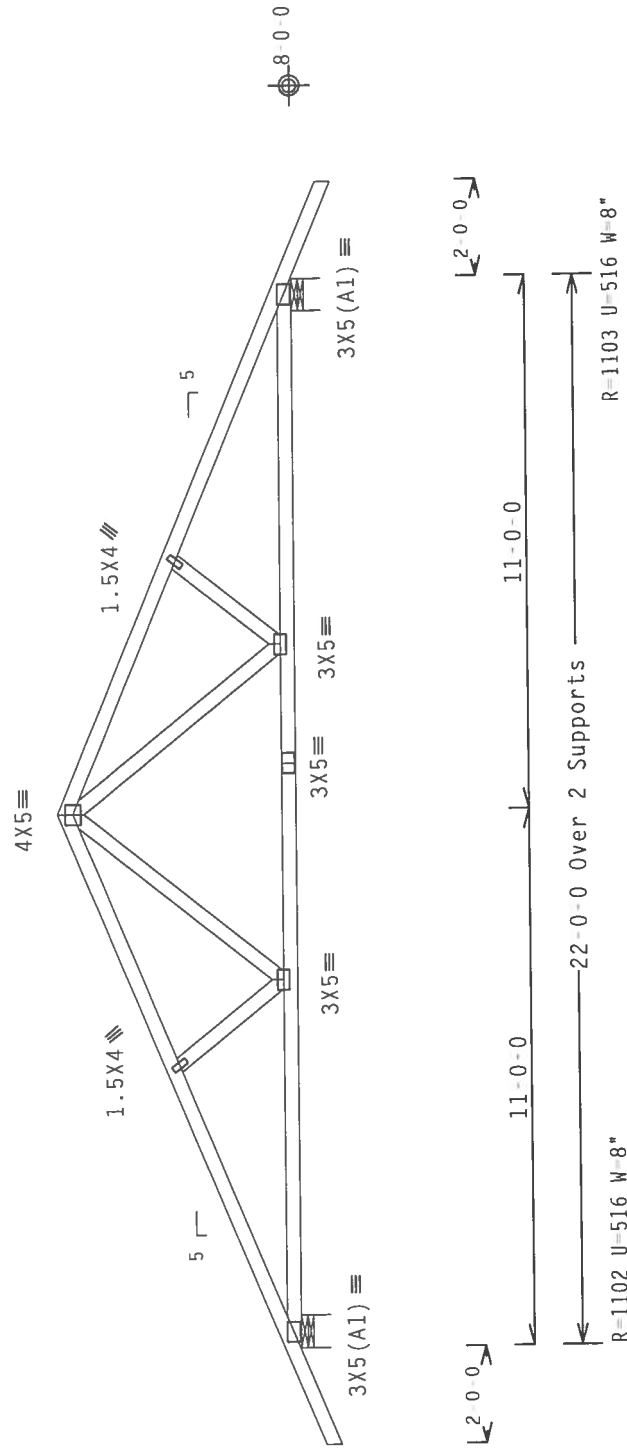
SPECIAL LOADS		(LUMBER DUR.FAC. = 1.25 / PLATE DUR.FAC. = 1.25)	
TC	From	54 PLF at 2.00 to	54 PLF at 24.00
BC	From	4 PLF at 2.00 to	4 PLF at 0.00
BC	From	20 PLF at 0.00 to	20 PLF at 7.55
BC	From	70 PLF at 7.55 to	70 PLF at 14.45
BC	From	20 PLF at 14.45 to	20 PLF at 22.00
BC	From	4 PLF at 22.00 to	4 PLF at 24.00

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. 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.

Components and cladding wind pressures considered for uplift callouts.

In lieu of rigid ceiling use purlins to brace BC @ 24" OC.

Deflection meets L/240 live and L/180 total load.



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7 10 1222

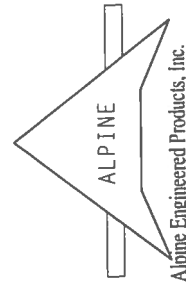
QTY:1 FL/-/4/-/-/R/-

Scale = .25"/Ft.

TC LL	20.0 PSF	REF R2888- 96092
TC DL	7.0 PSF	DATE 12/13/05
BC DL	10.0 PSF	DRW HCUSR2888 05347129
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	37.0 PSF	SEQN- 108884
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SSZ2888Z06

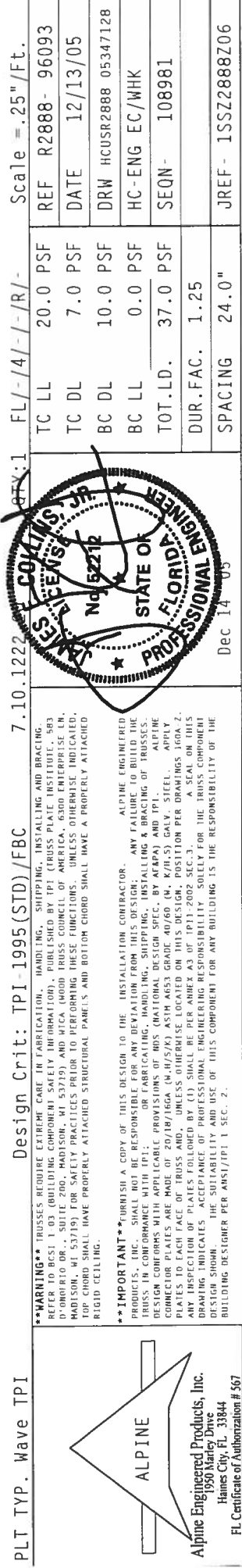
WARNING TRUSSES REQUIRE EXTREME CARE THE FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING REFER TO BECS 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TRUSS PAPER INSTITUTE, 583 OGDON RD., SUITE 200, MADISON, WI 53719) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, 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 ENGINEERING PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY FAILURE FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPLIANCE WITH THE MANUFACTURING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. DESIGNS DO NOT HAVE APPLICABLE PROVISIONS OF HDOS (NATIONAL DESIGN SPEC., BY AFAPA) AND TP1. PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMEFC AS OF TP11 2002 SEC.3. WRAPPING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT BEING SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGNING DESIGNER PER AMB18/TP1 1 SEC. 2.



110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg, not
located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0
psf, wind BC DL=5.0 psf.

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



Top chord	2x4	SP #1
Bot chord	2x6	SP #2
webs	2x4	SP #2

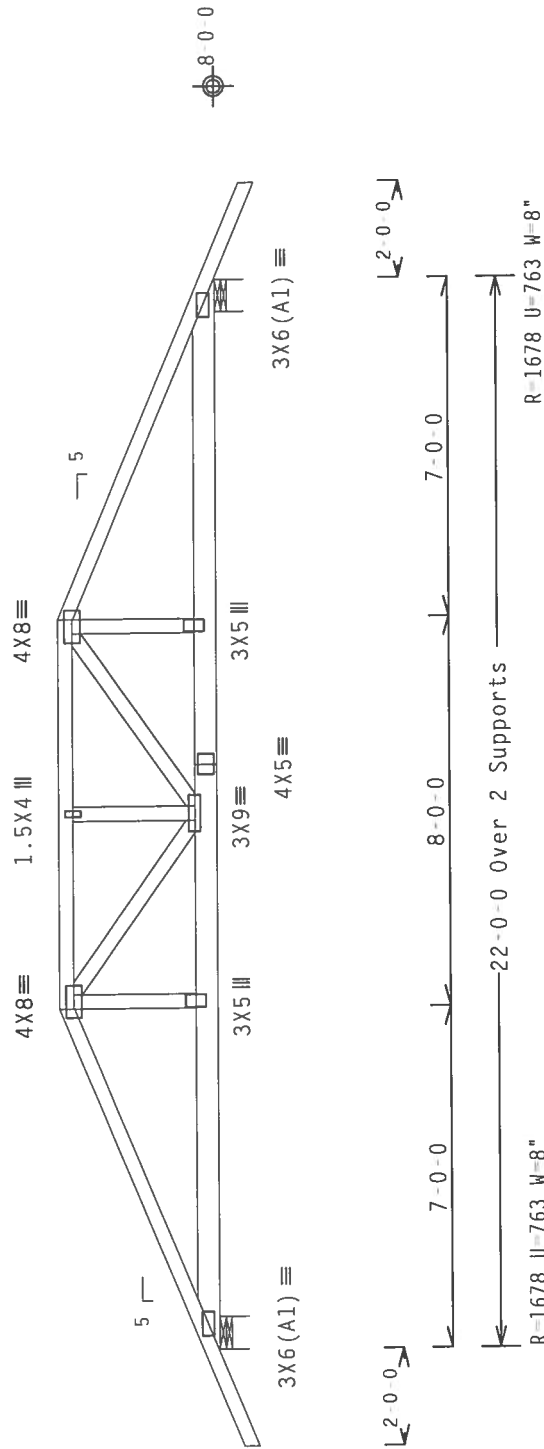
110 mph wind, 15.00 ft mean hgt., ASCE 7-98, PART. ENC. bldg,
Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind
BC DL=5.0 psf.

Roof overhang supports 2.00 psf soffit load.

#1 hip supports 7-0-0 jacks with no webs.

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

Deflection meets L/240 live and L/180 total load.



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

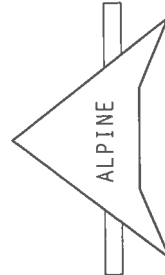
7.10.1222

QTY:1 FL/-/4/-/-/R/-

Scale = .25"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DESIG. 1-03, (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IPI (CHURCH PAPER INSTITUTE, 583 MADISON DR., SUITE 200, MADISON, WI 53719) AND WICA (WOOD RESEARCH 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. ADVISE THE ENGINEER OF THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY FAILURE TO BUILD THE TRUSS TO THE PRESS REQUIREMENTS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AFAPA) AND IPI. THE CONNECTOR PLATES ARE MADE OF 2010/166GA W/1/2"X5/8" ASTM A563 GRADE 40/60 W/ .0115 GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND, THEREWHISE LOCATED ON THIS DESIGN, POSITION FOR DRAMINGS 160A.2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMHX 43 OF TPI1 2002 SEC.2. A SEAL ON THIS DRAMING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT BEING SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGN DESIGNER PER AMHX/TPI1 1 SEC. 2.



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

FL Certificate of Authorization # S67

TC LL	20.0 PSF	REF R2888- 96094
TC DL	7.0 PSF	DATE 12/13/05
BC DL	10.0 PSF	DRW HCUR2888 05347172
BC LL	0.0 PSF	HC-ENG SSB/WHK
TOT.LD.	37.0 PSF	SEQN- 23528
DUR.FAC.	1.25	
SPACING	SEE ABOVE	JREF- 1SSZ2888Z06

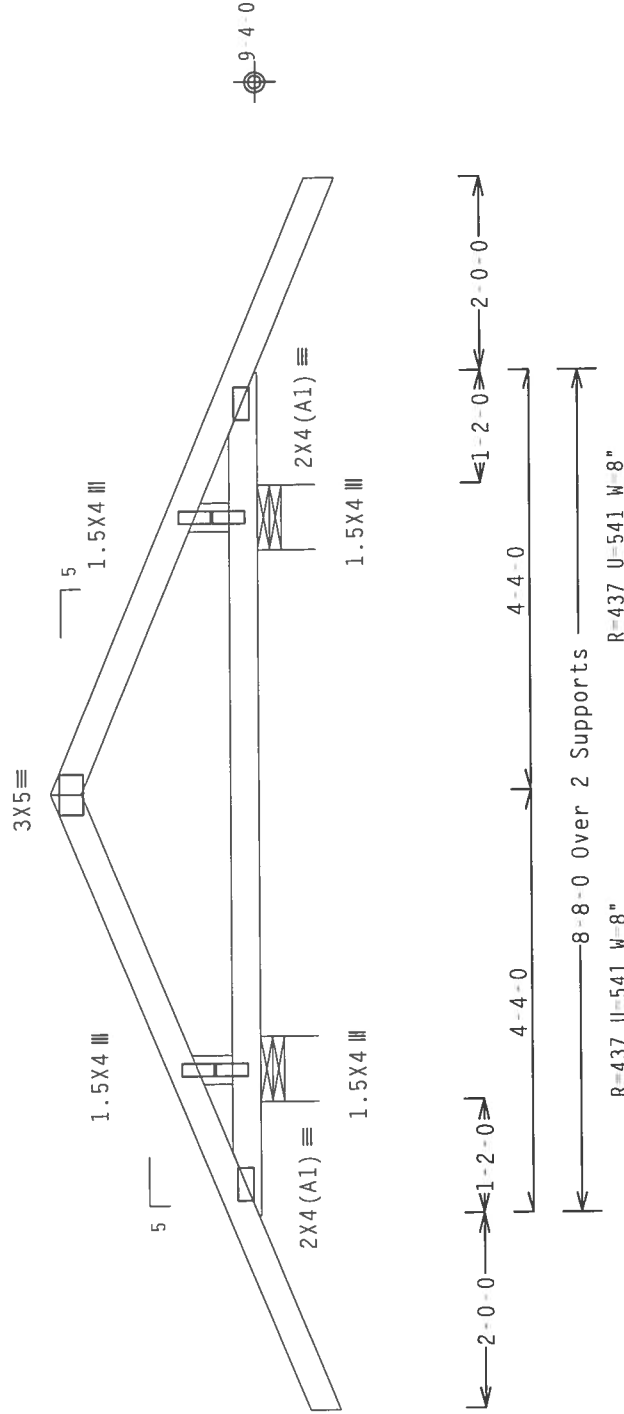
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg, Located anywhere in roof, CAT II, EXP 8, wind TC DL 5.0 psf, wind BC DL 5.0 psf.

Components and cladding wind pressures considered for uplift callouts.

In lieu of rigid ceiling use purlins to brace BC @ 24" OC.

Deflection meets L/240 live and L/180 total load.



PLT TYP. Wave TPI

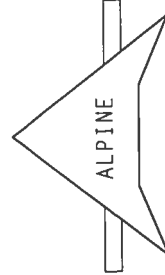
Design Crit: TPI-1995(STD)/FBC

QTY: 1 FL/-/4/-/1-/R/-

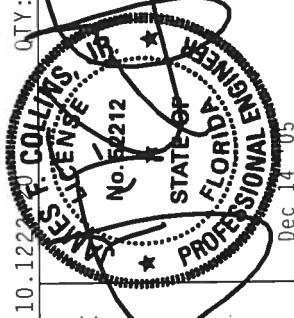
Scale = .5"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), FURNISHING, SHIPPING, INSTALLING AND BRACING OF TRUSSES, D-000100 DR. 12/13/05, AND THE FOLLOWING PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, HAD SHOWN 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 AND BRACING OF TRUSSES DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (N-H/S/K) ASTM A653 GRADE 40/60 (M, K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC. 3. A SEAL, NUMBER 5 DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE DESIGN AND THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



Alpine Engineered Products, Inc.
1980 Highway 100
Haines City, FL 33844
FL Certificate of Authorization # 567



REF	R2888-96095
DATE	12/13/05
DRW	HCUSR2888 05347151
HC-ENG	EC/WHK
SEON	108887
TOT.LD.	37.0 PSF
DUR.FAC.	1.25
SPACING	24.0"
JREF	1SSZ2888Z06

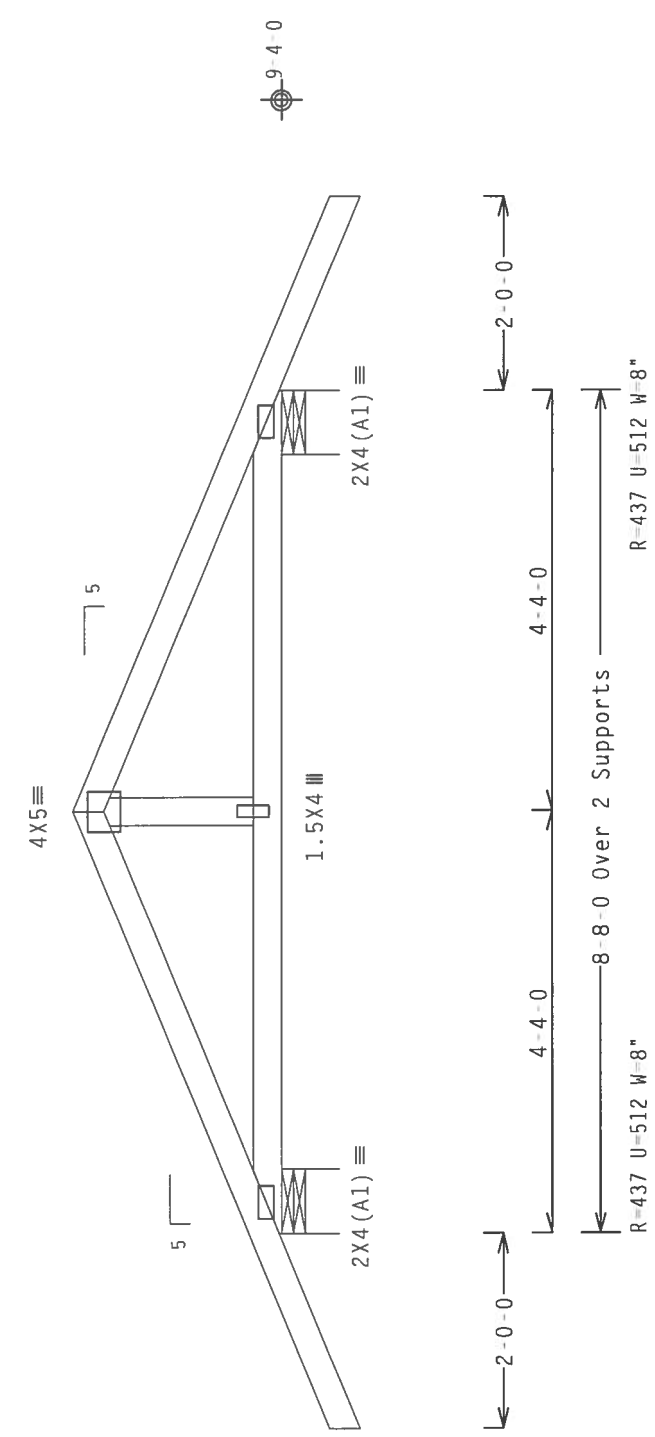
top	chord	2x4	SP	#2	N
rot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

components and cladding wind pressures considered for uplift callouts.

In lieu of rigid ceiling use purlins to brace BC @ 24" OC.

reflection meets L/240 live and L/180 total load.

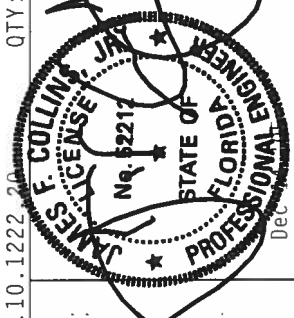


PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

Scale = .5"/Ft.

DATE	12/13/05	REF	R2888 - 96096
DRW	HCUR2888 05347145	DATE	12/13/05
HC-ENG	EC/WHK	DRW	HCUR2888 05347145
SEQN-	108890	HC-ENG	EC/WHK
TOT.LD.	37.0 PSF	SEQN-	108890
DUR.FAC.	1.25	TOT.LD.	37.0 PSF
SPACING	24.0"	DUR.FAC.	1.25
JREF-	1SSZ2888Z06	SPACING	24.0"



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IPT (TRUSS PAPER INSTITUTE, 583 D'AMORIO DR., SUITE 200, MADISON, WI 53719), AND 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 ENGINEERING PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH IPT: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. TRUSS CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY ASEA) AND IPT: ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (20/15/15) ASTM A653 GRADE 40/60 (N. K-115) GALV. STEEL. APPLY PLATES TO EACH LAP OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-2. PLATES TO EACH LAP FOLLOWED BY 1) SHALL BE PER MINOR AS OF IPT: 2002-SEC 3.1.1. THE ALPINE ON THIS DRAWING INDICATES THE LOCATION OF ALL TRUSS HANGING RESPONSIBILITY. COLLECT FOR THE ALPINE COMPANY THE INFORMATION INDICATED ON THIS DRAWING AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER A053/PPT 1 SEC. 2.



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

Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

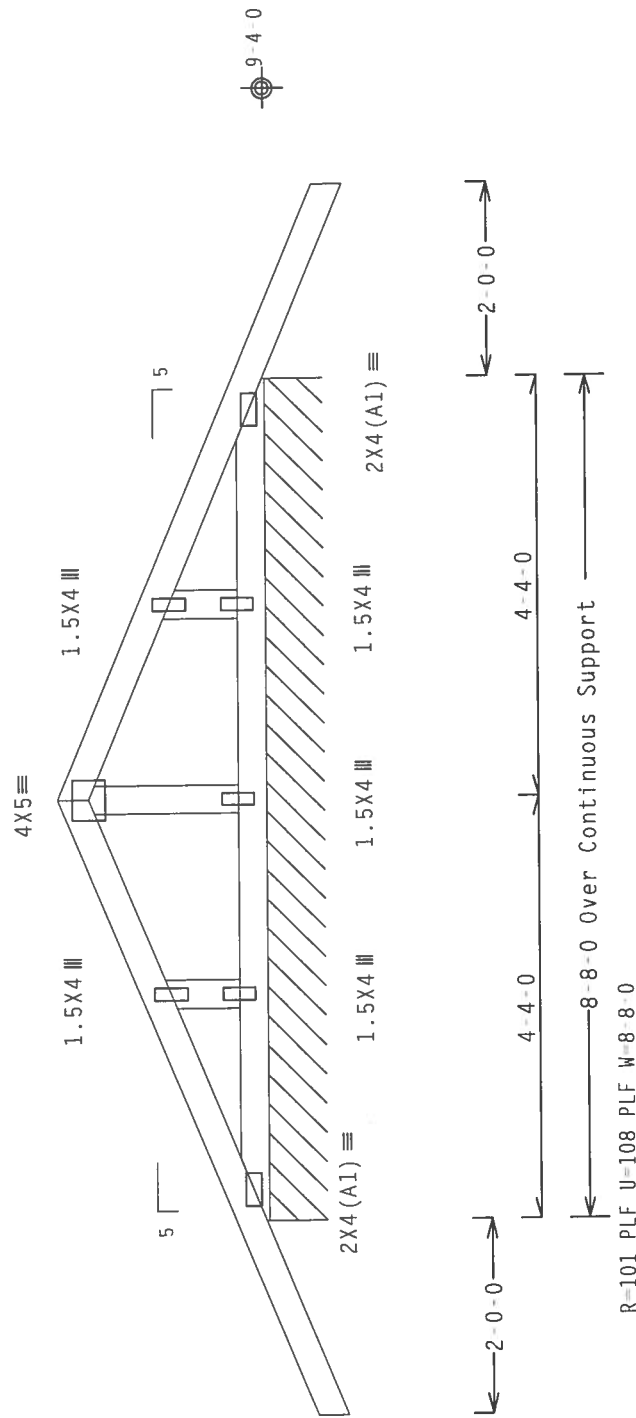
Components and cladding wind pressures considered for uplift callouts.

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

In lieu of rigid ceiling use purlins to brace BC @ 24" OC.

Deflection meets L/240 live and L/180 total load.

See DRW HCUSR001 02086015 for gable details.



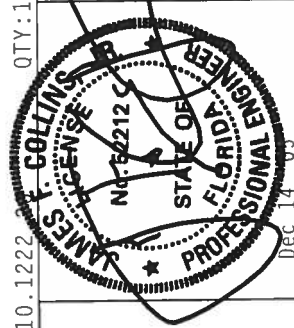
PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

QTY:1 FL/-/4/-/-/R/-

Scale = .5"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSP 103 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TRUSS PICTURE INSTITUTE, 583 E. OGDEN RD., 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 SMALLS HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED RIGID CEILING.

[illegible]

TC LL	20.0 PSF	REF	R2888-	96097
TC DL	7.0 PSF	DATE	12/13/05	
BC DL	10.0 PSF	DRW	HCUSR2888	0534716
BC LL	0.0 PSF	HC - ENG	EC/WHK	
TOT.LD.	37.0 PSF	SEQN-	108893	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1SSZ2888Z06	



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

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2 N

Components and cladding wind pressures considered for uplift callouts.

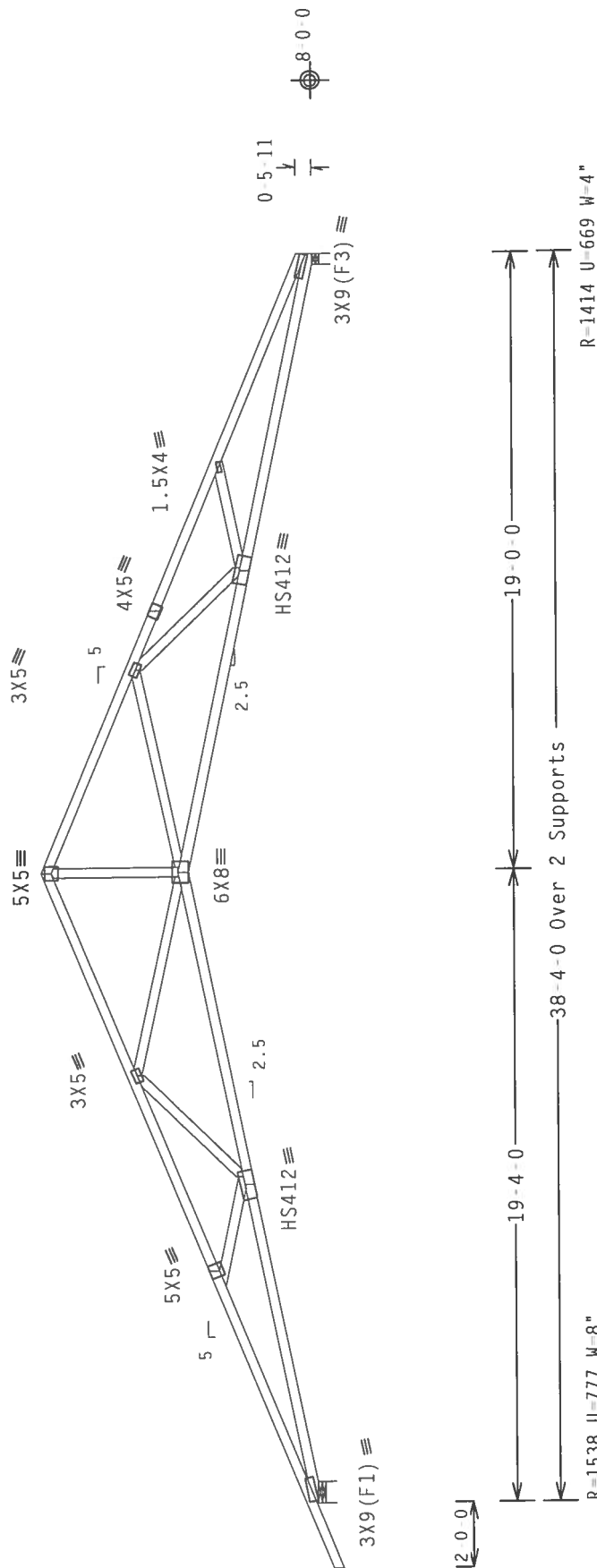
In lieu of rigid ceiling use purlins to brace BC @ 24" OC.

Calculated vertical deflection is 0.60" due to live load and 0.50" due to dead load at X = 19'-4.0".

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. 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.

Calculated horizontal deflection is 0.36" due to live load and 0.30" due to dead load.

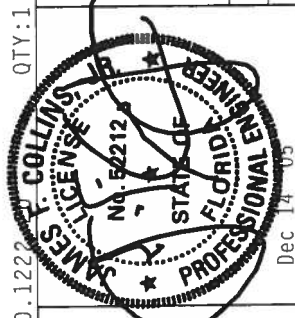
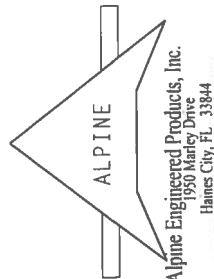
Deflection meets L/240 live and L/180 total load.



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

****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 PRODUCTS, INC.) FOR ADDITIONAL INFORMATION. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGNER, CONTRACTOR, OR SUBMITTER SHALL BE RESPONSIBLE FOR THE CONSEQUENCES. UNLESS OTHERWISE INDICATED, TRUSSES 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 DESIGN FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGNER, CONTRACTOR, OR SUBMITTER SHALL BE RESPONSIBLE FOR THE CONSEQUENCES. UNLESS OTHERWISE INDICATED, TRUSSES SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.



QTY: 1	FL / - / 4 / - / - / R / -	Scale = .1875" / Ft.
TC LL	20.0 PSF	REF R2888- 96098
TC DL	7.0 PSF	DATE 12/13/05
BC DL	10.0 PSF	DRW HCUSR2888 05347161
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT. LD.	37.0 PSF	SEQN- 108969
DUR. FAC.	1.25	
SPACING	24.0"	JREF- 1SSZ2888Z06

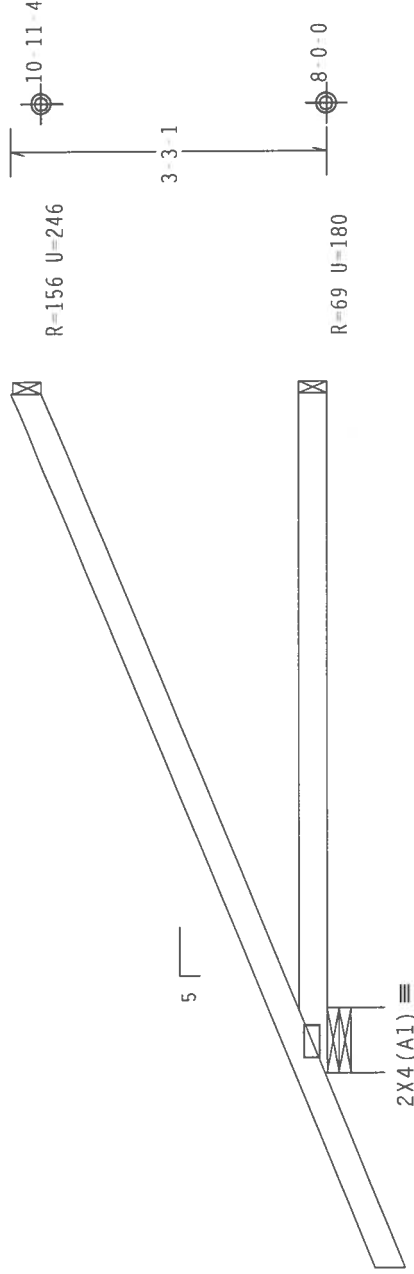
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

Components and cladding wind pressures considered for uplift callouts.

Deflection meets L/240 live and L/180 total load.

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf.

In lieu of rigid ceiling use purlins to brace BC @ 24" OC.



2'-0"-0"

7'-0"-0" Over 3 Supports

R-409 U-291 W=8"

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

QTY:19 FL/-/4/-/-/R/-

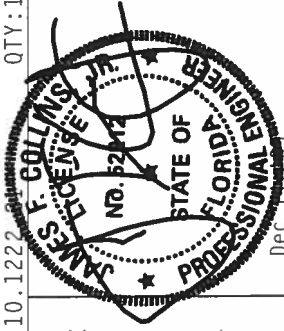
Scale = .5" / Ft.

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

****IMPORTANT**** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (4-N/57K) ASTM A653 GRADE 40/60 (40 KSI) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER AS OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY BY THE DESIGNER. THE BUILDING DESIGNER OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMS/TPI 1 SEC. 2.



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



Dec 11, 2023

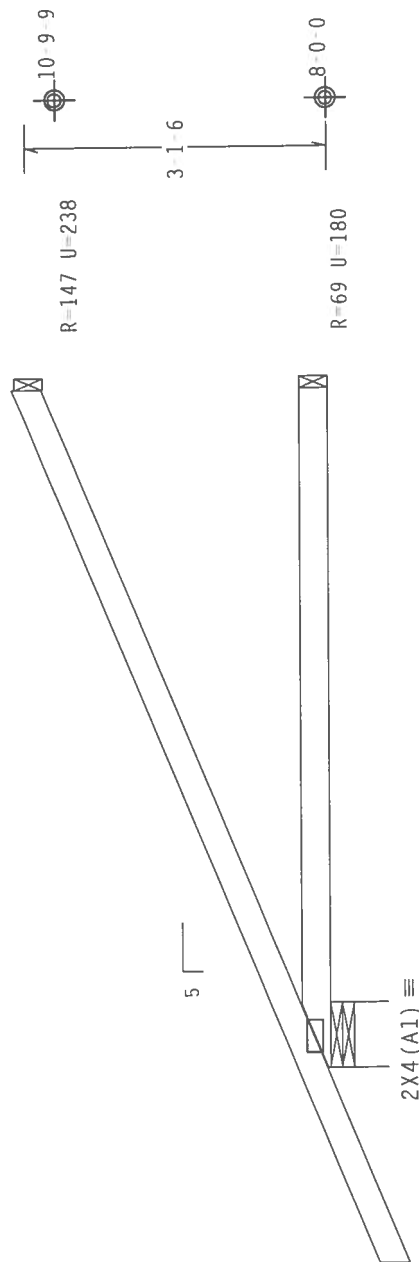
TC LL	20.0 PSF	REF	R2888- 96099
TC DL	7.0 PSF	DATE	12/13/05
BC DL	10.0 PSF	DRW	HCUSR2888 05347135
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT.LD.	37.0 PSF	SEQN-	23476
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SSZ2888Z06

Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. 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.

Components and cladding wind pressures considered for uplift callouts.

Deflection meets L/240 live and L/180 total load.



2007

7-13
6-4-3
7-0-0 Over 3 Supports

R=408 U=292 W=8ⁿ

PLT TYP. Wave TPI

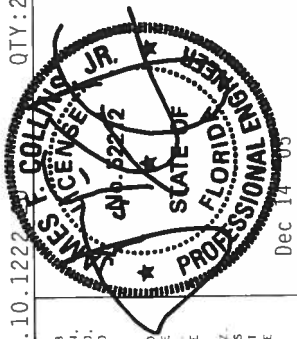
Design Crit: TPI-1995(STD)/FBC

7 10 1222

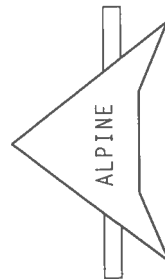
QTY:2 FL1-141-1-1R1-

Scale = .5"/Ft.

TC LL	20.0 PSF	REF	R2888 - 96100
TC DL	7.0 PSF	DATE	12/13/05
BC DL	10.0 PSF	DRW	HCUSR2888 05347163
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT.LD.	37.0 PSF	SEQN-	108897
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SSZ2888Z06



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSP 103 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY CPRI (RUSS PLATE INSTITUTE, 583 DORCHESTER RD., SUITE 200, WADSWORTH, IL 60139) AND AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC., 530 N. DEARBORN RD., SUITE 700, WADSWORTH, IL 60139) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

[illegible]

Alpine Engineered Products, Inc.

1950 Marley Drive
Haines City, FL 33844

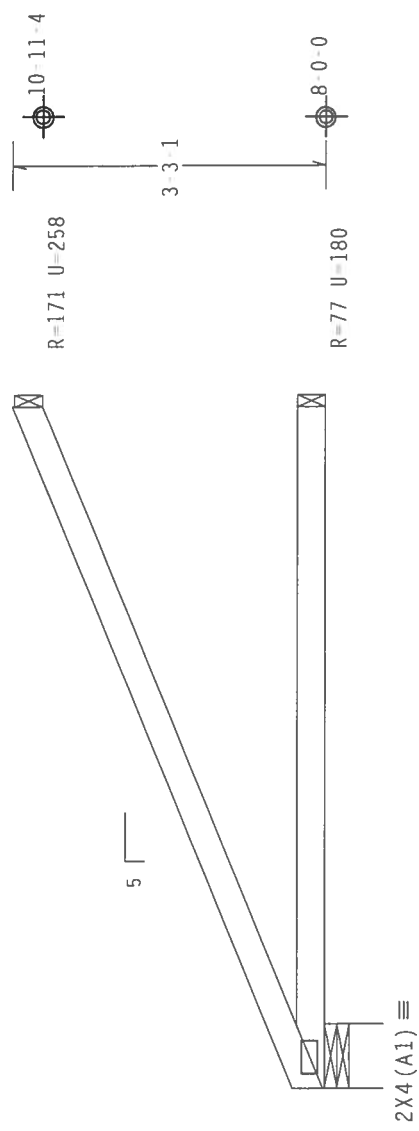
Haines City, FL 33844
FL Certificate of Authorization # 567

Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. 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.

Components and cladding wind pressures considered for uplift callouts.

Deflection meets L/240 live and L/180 total load.



7-0-0 Over 3 Supports
R=270 U=180 W=8"

PLT TYP. Wave TPI	 Alpine Engineering Products, Inc. 1950 Nancy Drive Haines City, FL 33844	**WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 O'DONNELL DR., SUITE 200, MADISON, WI 53719) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE BLVD., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, ALL WALLS 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 ENGINEER PROVIDES NO WARRANTY OR LIABILITY FOR ANY DAMAGE TO PERSONS OR PROPERTY ARISING FROM THE USE OF THIS TRUSS IN CONFORMANCE WITH TPI RESPONSIBILITY. ANY FAILURE OF THE TRUSS IN CONFORMANCE WITH TPI RESPONSIBILITY DURING FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MODS NATIONAL DESIGN SPEC, (BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (.04/.0375) ASTM A653 GRADE 40/60 (W/ K1H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE NOTED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPII 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.		QTY: 5 FL / - / 4' - / -R / - TC LL 20.0 PSF TC DL 7.0 PSF BC DL 10.0 PSF BC LL 0.0 PSF TOT.LD. 37.0 PSF DUR.FAC. SPACING 24.0"	Scale = 5" / Ft. REF R2888 - 96101 DATE 12/13/05 DRW HCUSR2888 05347169 HC-ENG EC/WKH. SEQN - 108930 JREF - 1SSZ2888Z06
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(19311 HOMES BY WHITTAKER / #2021 ACUNA RES. - J6)

Top chord 2x4 SP #1

Bot chord 2x4 SP #1

Webs 2x4 SP #2 N

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

Components and cladding wind pressures considered for uplift callouts.

Deflection meets L/240 live and L/180 total load.

4x5 3x5 3x5 1.5x4 2x4(A1)

R-208 U=186 R-17 U=180

2'-0" 5'-6" 7'-0" Over 3 Supports

R-409 U=308 W=8"

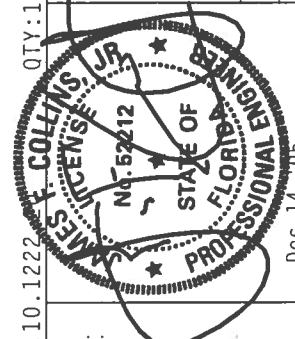
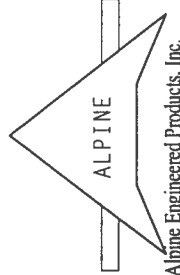
PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.10.1222 QTY:1 FL/-4/-/-R/- Scale =.5"/Ft.

REF	R2888-	96102
DATE	12/13/05	
DRW	HCUSR2888	05347164
HC-ENG	EC/WHK	
SEQN	108712	
JREF	1SSZ2888Z06	

THIS DRAWING IS THE PROPERTY OF ALPINE ENGINEERING, INC. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED BY TRUSS REF.



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'AMICO DR., SUITE 200, MADISON, WI 53719) AND MICA (GOOD 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.

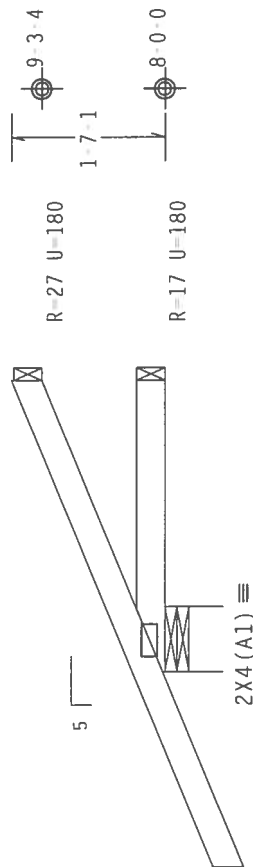
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERING PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HUD NATIONAL DESIGN SPEC. BY ATAPAI AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2019/16GA (44.0/5/5) ASTM A653 GRADE 40/60 (44 K/40.5) GALV. STEEL. APPLY PLATES TO EACH FACE OF ALL TRUSSES AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS (DON'T DRAWING SHOWS). ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE LIABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Components and cladding wind pressures considered for uplift callouts.
Deflection meets L/240 live and L/180 total load.



$\overbrace{2 \ 0 \ 0}^{\text{2 Supports}}$
 $\overbrace{3 \ 0 \ 0 \ 0 \ 0 \ 0}^{\text{3 Supports}}$

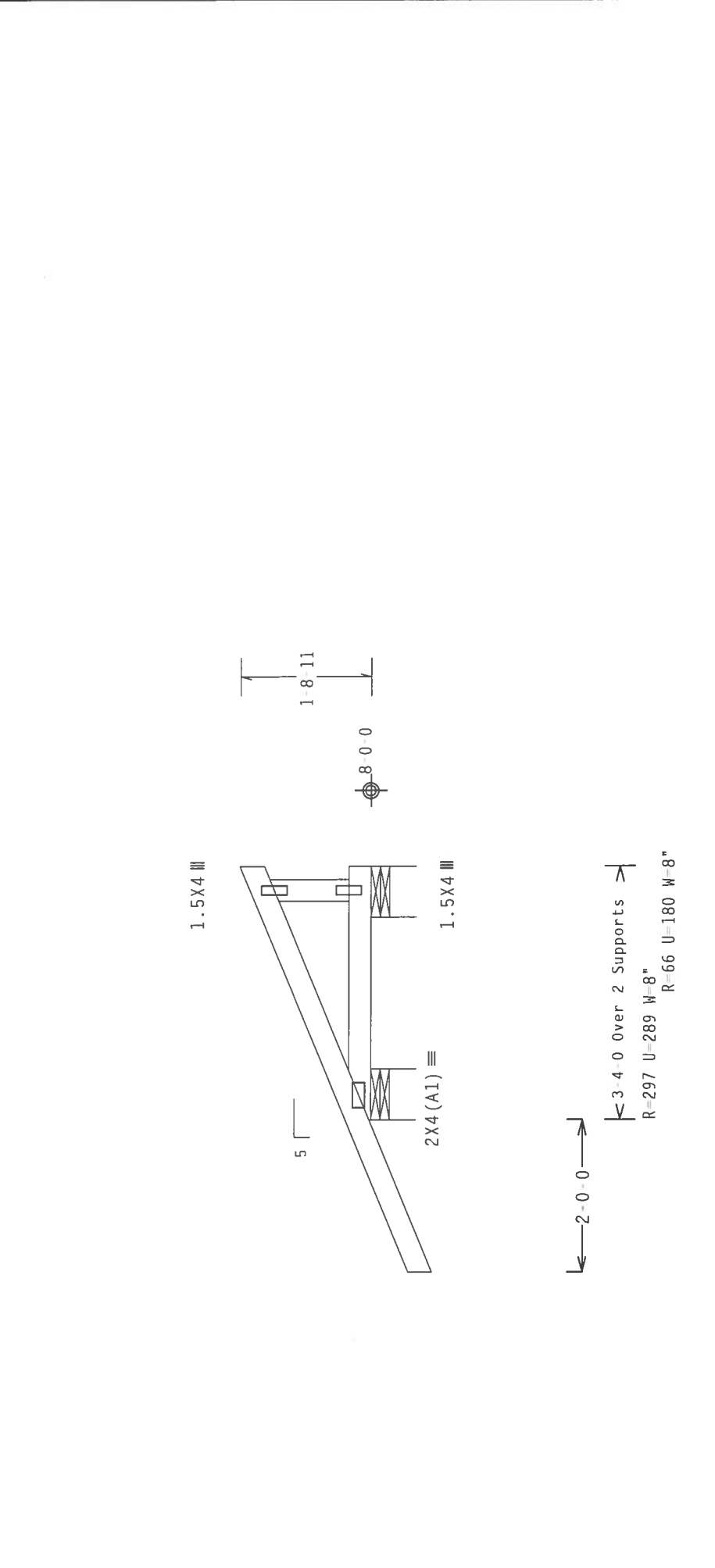
PLT TVP. Wave TPI	 Alpine Engineered Products, Inc. 1950 Nancy Drive Haines City, FL 33844	Design Crit: TPI-1995(STD)/FBC 7.10.1223 QTY: 1 FL / - / 4 / - / - R / - Scale = 5" / Ft.	REF R2888 - 96103 DATE 12/13/05 DRW HCUSR2888 05347168 HC-ENG EC/WHK SEQN - 108910
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RES-1103 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 1503 DORFDRIO DR., SUITE 200, MADISON, WI 53719, AND WICA, 6000 ENTERPRISE, INDIANAPOLIS, IN 46204, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.	ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AFAPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/5/K) ASTM A663 GRADE 40/60 (W, K/H/5) GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 10GA-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-1-2002 SEC. 2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.	20.0 PSF 7.0 PSF 10.0 PSF 0.0 PSF 37.0 PSF 1.25	TC LL TC DL BC DL BC LL TOT.LD. OUR.FAC. SPACING 24.0"
FL Certificate of Authorization # 567	Dec 14 2005	JREF - 1SSZ2888Z06	JREF - 1SSZ2888Z06

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Components and cladding wind pressures considered for uplift callouts.
Deflection meets L/240 live and L/180 total load.

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg, Located anywhere in roof, CAT II, Exp B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

In lieu of rigid ceiling use purlins to brace BC @ 24" OC.



PLT TYP. Wave TPI

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

Design Crit: TPI-1995(STD)/FBC

7.10.1222

QTY: 4

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

Scale = .5" / Ft.

TC LL	20.0 PSF	REF	R2888 - 96104
TC DL	7.0 PSF	DATE	12/13/05
BC DL	10.0 PSF	DRW	HCUSR2888 05347165
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT.LD.	37.0 PSF	SEQN	24042
DUR.FAC.	1.25		
SPACING	24.0"	JREF	1SSZ2888Z06

JAMES F. COLLINS, JR.
No 50212
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Dec 14 '05

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

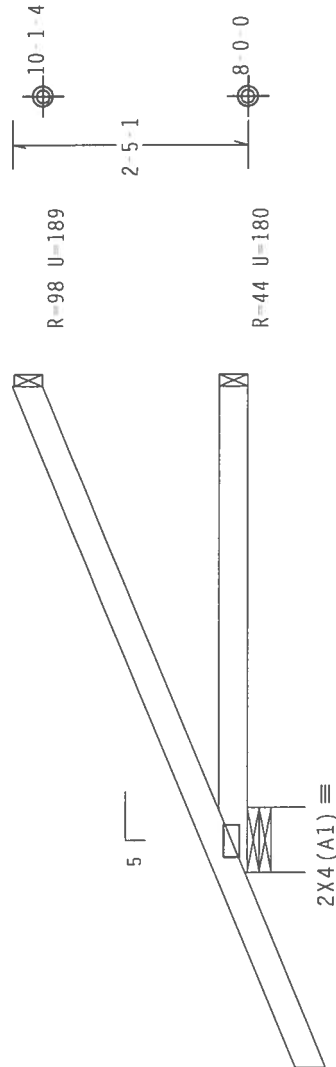
****IMPORTANT**** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (M-J/S/X) ASTM A653 GRADE 40/60 (N. K/N-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A 2. THIS DESIGN IS THE PROPERTY OF ALPINE ENGINEERING. NO PART OF THIS DESIGN MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF ALPINE ENGINEERING. ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE DESIGN AND CONSTRUCTION OF THIS BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N

1110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Components and cladding wind pressures considered for uplift callouts.

Deflection meets L/240 live and L/180 total load.



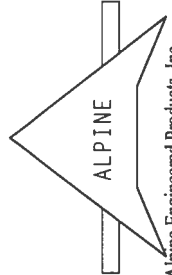
$\overleftarrow{\hspace{1.5cm}} \rightarrow$ 2 - 0 - 0 $\overrightarrow{\hspace{1.5cm}}$
 $\overleftarrow{\hspace{1.5cm}} \rightarrow$ 5 - 0 - 0 Over 3 Supports $\overrightarrow{\hspace{1.5cm}}$
 R=344 U=485 W=8"

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

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

Scale = .5"/Ft.



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

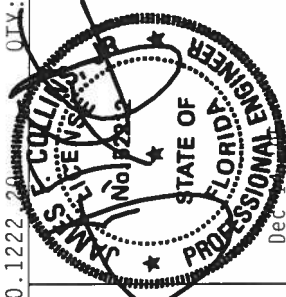
*****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DGCS 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TP1 (TRUSS PULPIT INSTITUTE, 583 D'ONOFIO RD., SUITE 200, MADISON, WI 53719), AND WCA CHORD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE BL, 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 DESIGN AS SHOWN, THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ASPI/11 SEC. 2.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE NATIONAL BUILDING CODE, 2003 EDITION. ANY INSTALLING OR ALTERING OF THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLER. THE DESIGN SHALL BE USED AS SHOWN. ANY ALTERING OF THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLER.

CONNECTOR PLATES ARE MADE OF 20/18/166 (4-WAY/2) ASTM A510 GRADE 40/60 IN. K/15S GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A. 2.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF IP11 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ASPI/11 SEC. 2.



TC LL	20.0	PSF	REF	R2888- 96105
TC DL	7.0	PSF	DATE	12/13/05
BC DL	10.0	PSF	DRW	HCU8R2888 05347133
BC LL	0.0	PSF	HC-ENG	EC/WHK
TOT.LD.	37.0	PSF	SEQN-	108907
DUR.FAC.	1.25			
SPACING	24.0"		JREF-	13SZ2888Z06