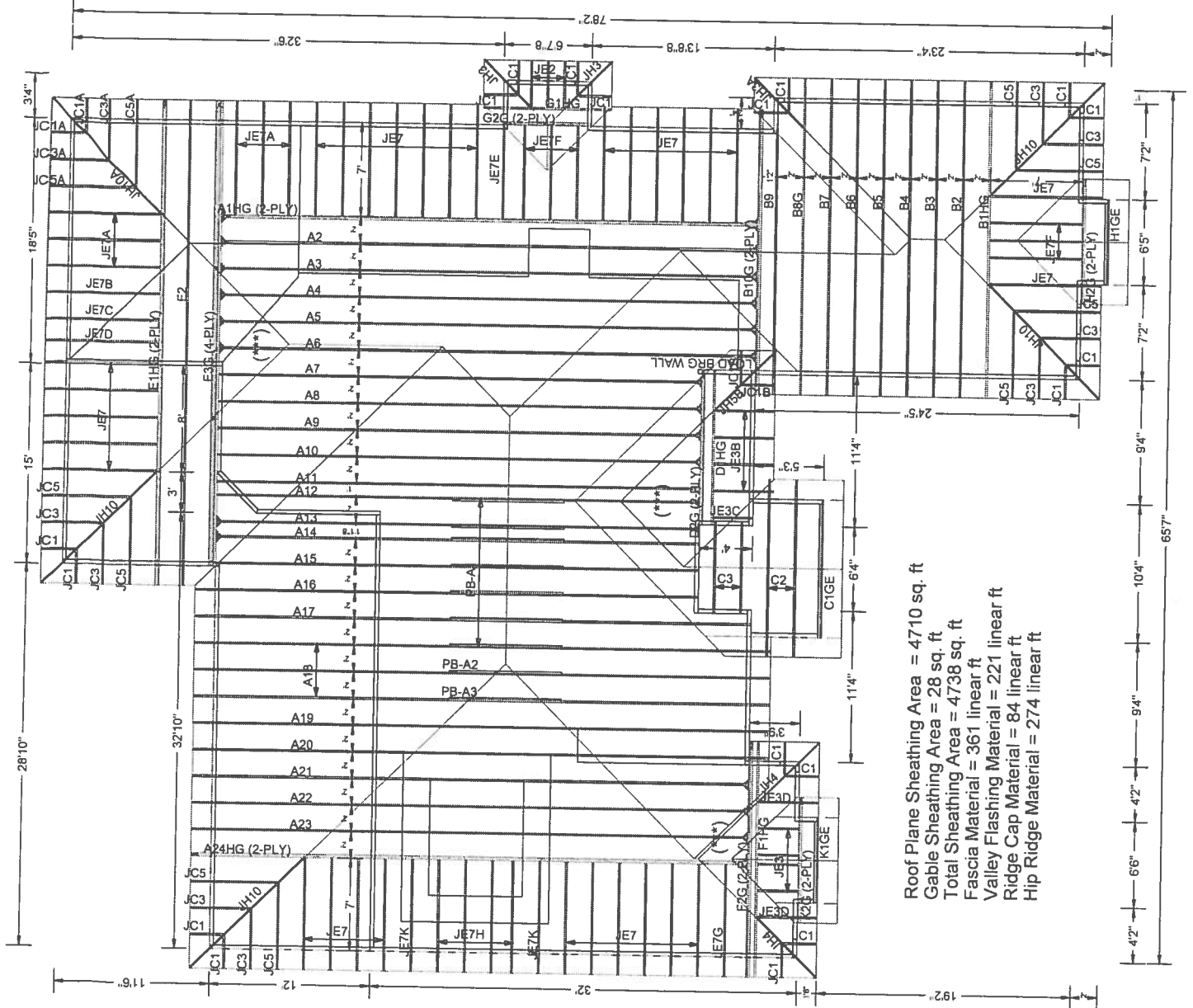


W.B. Howland Truss Co.
P.O. Box 700
Live Oak, FL 32064
(386) 362-1235
(386) 362-7124 (fax)

ROOF PITCH: 7/12
CLG PITCH: 3.5/12
OVERHANG: 18" PLUMB CUT
LOADING: 40 PSF T.L./SHINGLE
WIND LOAD: 110 MPH ENCLOSED
EXT WALLS: 2x4 FRAMING
DATE: 4-20-06

NOTES:

- ALL GABLE END TRUSSES HAVE A DROPPED TOP CHORD FOR 2x4 OUTLOOKERS
- ADDITIONAL INT BRG WALLS NEEDED ARE MARKED ON LAYOUT
- *** DENOTES VALLEY FRAMED WITH TRUSSES ALL OTHER VALLEYS TO BE CONV. FRAMED



Roof Plane Sheathing Area = 4710 sq. ft
Gable Sheathing Area = 28 sq. ft
Total Sheathing Area = 4738 sq. ft
Fascia Material = 361 linear ft
Valley Flashing Material = 221 linear ft
Ridge Cap Material = 84 linear ft
Hip Ridge Material = 274 linear ft

Job Name: Lot #13 Lake Jeffery
Customer: Concept Construction of N
Designer: Chris McCall

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: ISXT215-Z0105103641

Truss Fabricator: W.B. Howland
Job Identification: 3588-/Lot #13 Lake Jeffery /Concept Construction of N -- LAKE CITY, FL
Truss Count: 81
Model Code: Florida Building Code 2004
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Version 7.24.
Structural Engineer of Record: The identity of the structural EOR did not exist as of
Address: the seal date per section 61G15-31.003(5a) of the FAC
Minimum Design Loads: Roof - 32.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-02 -Closed

Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR215

Seal Date: 06/05/2006

-Truss Design Engineer-
Denise Rutledge

Florida License Number: 58752
1950 Marley Drive
Haines City, FL 33844

Details: BRCLBSUB-CNBRGBLK-A11015EE-GBLLETIN-

#	Ref	Description	Drawing#	Date
1	45483--	A1HG (2-PLY)	06156045	06/05/06
2	45484--	A2	06156047	06/05/06
3	45485--	A3	06156048	06/05/06
4	45486--	A4	06156049	06/05/06
5	45487--	A5	06156050	06/05/06
6	45488--	A6	06156072	06/05/06
7	45489--	A7	06156054	06/05/06
8	45490--	A8	06156055	06/05/06
9	45491--	A9	06156070	06/05/06
10	45492--	A10	06156071	06/05/06
11	45493--	A11	06156069	06/05/06
12	45494--	A12	06156056	06/05/06
13	45495--	A13	06156079	06/05/06
14	45496--	A14	06156051	06/05/06
15	45497--	A15	06156067	06/05/06
16	45498--	A16	06156066	06/05/06
17	45499--	A17	06156074	06/05/06
18	45500--	A18	06156064	06/05/06
19	45501--	A19	06156062	06/05/06
20	45502--	A20	06156061	06/05/06
21	45503--	A21	06156060	06/05/06
22	45504--	A22	06156059	06/05/06
23	45505--	A23	06156058	06/05/06
24	45506--	A24HG (2-PLY)	06156057	06/05/06
25	45507--	B1HG	06156020	06/05/06
26	45508--	B2	06156026	06/05/06
27	45509--	B3	06156030	06/05/06
28	45510--	B4	06156042	06/05/06
29	45511--	B5	06156038	06/05/06
30	45512--	B6	06156035	06/05/06
31	45513--	B7	06156034	06/05/06
32	45514--	B8G	06156031	06/05/06
33	45515--	B9	06156033	06/05/06
34	45516--	B10G (2-PLY)	06156053	06/05/06
35	45517--	C1GE	06156018	06/05/06
36	45518--	C2	06156019	06/05/06
37	45519--	C3	06156022	06/05/06
38	45520--	D1HG	06156023	06/05/06

#	Ref	Description	Drawing#	Date
39	45521--D2G (2-PLY)		06156024	06/05/06
40	45522--E1HG (2-PLY)		06156001	06/05/06
41	45523--E2		06156011	06/05/06
42	45524--E3G (4-PLY)		06156021	06/05/06
43	45525--F1HG		06156037	06/05/06
44	45526--F2G (2-PLY)		06156040	06/05/06
45	45527--G1HG		06156010	06/05/06
46	45528--G2G (2-PLY)		06156014	06/05/06
47	45529--H1GE		06156016	06/05/06
48	45530--H2G (2-PLY)		06156017	06/05/06
49	45531--JC1		06156004	06/05/06
50	45532--JC1A		06156073	06/05/06
51	45533--JC1B		06156027	06/05/06
52	45534--JC3		06156003	06/05/06
53	45535--JC3A		06156063	06/05/06
54	45536--JC5		06156002	06/05/06
55	45537--JC5A		06156052	06/05/06
56	45538--JE2		06156013	06/05/06
57	45539--JE3		06156046	06/05/06
58	45540--JE3B		06156028	06/05/06
59	45541--JE3C		06156029	06/05/06
60	45542--JE3D		06156044	06/05/06
61	45543--JE7		06156008	06/05/06
62	45544--JE7A		06156005	06/05/06
63	45545--JE7B		06156006	06/05/06
64	45546--JE7C		06156007	06/05/06
65	45547--JE7D		06156009	06/05/06
66	45548--JE7E		06156039	06/05/06
67	45549--JE7F		06156075	06/05/06
68	45550--JE7G		06156077	06/05/06
69	45551--JE7H		06156078	06/05/06
70	45552--JE7K		06156076	06/05/06
71	45553--JH3		06156012	06/05/06
72	45554--JH3A		06156036	06/05/06
73	45555--JH4		06156043	06/05/06
74	45556--JH5B		06156025	06/05/06
75	45557--JH10		06156081	06/05/06
76	45558--JH10A		06156041	06/05/06

#	Ref	Description	Drawing#	Date
77	45559--K1GE		06156032	06/05/06
78	45560--K2G (2-PLY)		06156015	06/05/06
79	45561--PB-A1		06156080	06/05/06
80	45562--PB-A2		06156065	06/05/06
81	45563--PB-A3		06156068	06/05/06



Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Page 1 of 1 Document ID: ISXT215-Z0105103641

Truss Fabricator: W.B. Howland
Job Identification: 3588-/Lot #13 Lake Jeffery /Concept Construction of N -- LAKE CITY, FL
Truss Count: 10
Model Code: Florida Building Code 2004
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Version 7.24.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - 32.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-02 -Closed

Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR215

Seal Date: 06/05/2006

-Truss Design Engineer-
Denise Rutledge
Florida License Number: 58752
1950 Marley Drive
Haines City, FL 33844

Revised Trusses

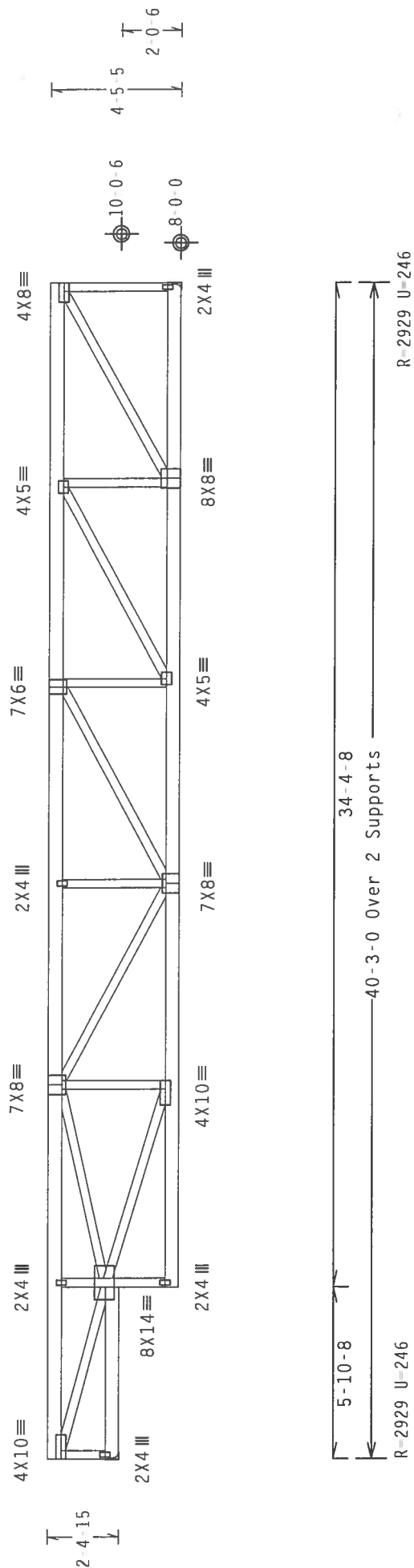
#	Ref	Description	Drawing#	Date
1	45486--A4		06156049	06/05/06
2	45487--A5		06156050	06/05/06
3	45488--A6		06156072	06/05/06
4	45493--A11		06156069	06/05/06
5	45516--B10G (2-PLY)		06156053	06/05/06
6	45530--H2G (2-PLY)		06156017	06/05/06
7	45545--JE7B		06156006	06/05/06
8	45546--JE7C		06156007	06/05/06
9	45547--JE7D		06156009	06/05/06
10	45560--K2G (2-PLY)		06156015	06/05/06



2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun_nails)
Top Chord: 1 Row @ 4.00" O.C.
Bot Chord: 1 Row @ 12.00" O.C.
Webs : 1 Row @ 4" O.C.
Use equal spacing between rows and stagger nails in each row to avoid splitting.
Max JT VERT DEFL: LL: 0.30" DL: 0.32" recommended camber 1/2"
Deflection meets L/360 live and L/240 total load.
Plates sized for a minimum of 3.00 sq.in./piece.
The overall height of this truss excluding overhang is 2 4 15.

Top chord 2x6 SP #2 N
Bot chord 2x6 SP #2 N
Webs 2x4 SP #2 N
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.
End verticals not exposed to wind pressure.
Girder supports 7-0-0 span to TC/BC split one face.
Truss must be installed as shown with top chord up.
The TC of this truss shall be braced with attached spans at 24" OC in lieu of structural sheathing.



PLT TYP. Wave/R

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1230

Scale = .1875"/Ft.

QTY:1 FL/-/5/-/R/-

TC LL	20.0 PSF	REF	R215 - -	45483
TC DL	10.0 PSF	DATE	06/05/06	
BC DL	10.0 PSF	DRW	HCUSR215	06156045
BC LL	0.0 PSF	HC-ENG	EC/ADR	
TOT.LD.	40.0 PSF	SEQN	-	116786
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF	-	1SXT215 Z01

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 PRACTICES (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 5800 W. 10TH AVE., SUITE 100, DENVER, CO 80202, (303) 751-1100, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (4-H/5/K) ASTM A653 GRADE 40/60 (4. K/M, 5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 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.

(3588-/Lot #13 Lake Jeffery /Concept Construction of N - LAKE CITY, FL - A2)

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Max JT VERT DEFL: LL: 0.45" DL: 0.45" recommended camber 3/4"

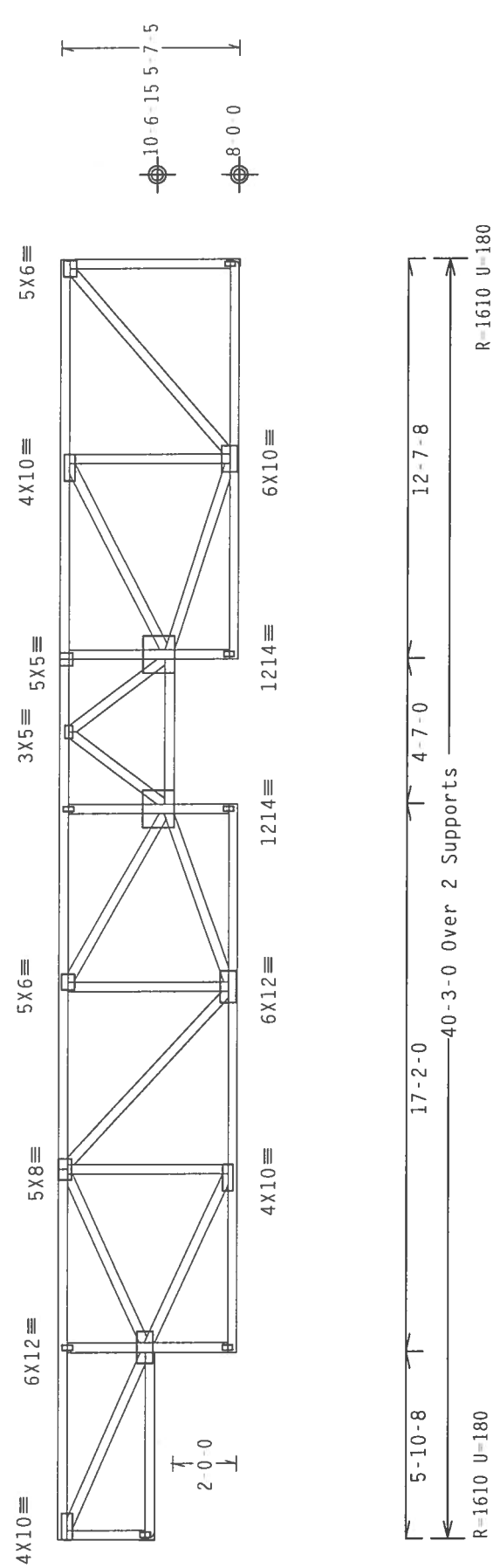
Deflection meets L/360 live and L/240 total load.

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 3 0 6.



Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave/R

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

QTY:1 FL/-/5/-/R/-

Scale = .1875" /Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 MAUISON AVE, 537191 FOR SAFETY PRACTICES. 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 AIA/P) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (N.H/5/K) ASTM A653 GRADE 40/60 (H. K/H-5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE

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

DESIGNER RUTLEDGE
LICENSE
No. 5878
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
Jun 05 '06

TC LL	20.0 PSF	REF	R215 -	45484
TC DL	10.0 PSF	DATE	06/05/06	
BC DL	10.0 PSF	DRW	HCUSR215	06156047
BC LL	0.0 PSF	HC-ENG	EC/ADR	
TOT.LD.	40.0 PSF	SEQN	-	116790
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF	-	1SXT215_Z01

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

1110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Max JT VERT DEFL: LL: 0.25" DL: 0.27" recommended camber 1/2"

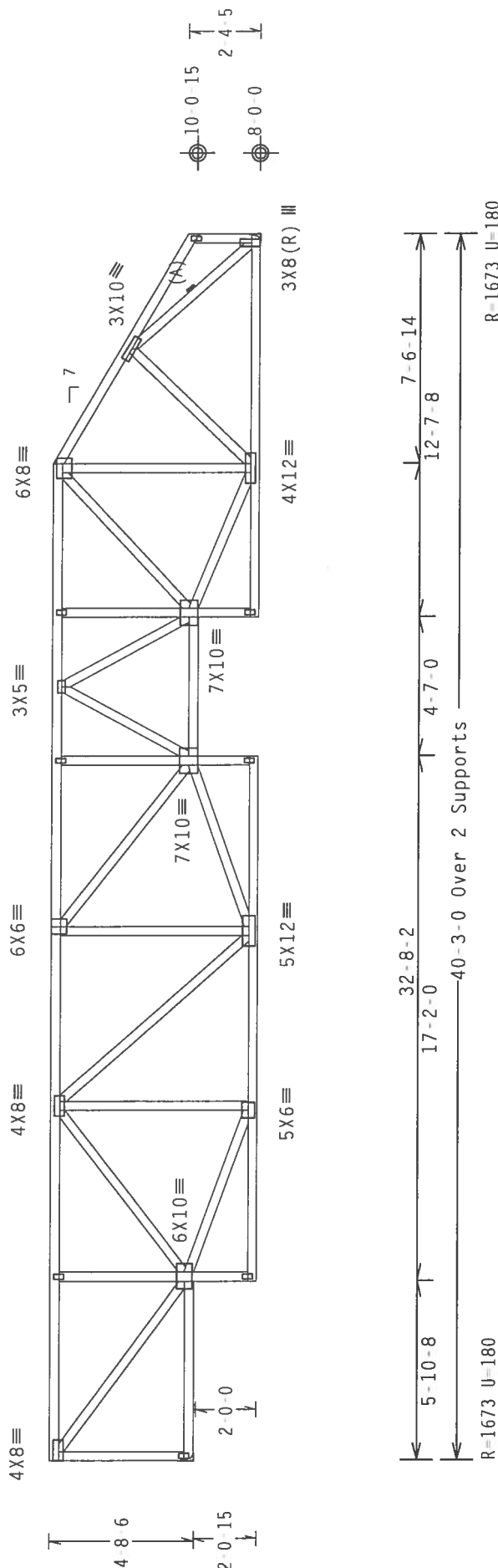
(A) Continuous lateral bracing equally spaced on member.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

Plates sized for a minimum of 3.00 sq. in./piece.

The overall height of this truss excluding overhang is 48.6.



Note: All Plates Are 2X4 Except As Shown.

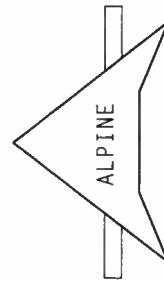
Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave\R

7.24.1234

QTY:1 EL/-/5/-/-/R/-

Scale = .1875"/Ft.



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

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

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BECS 1-03 (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY TP1 (TRUSS PULPIT INSTITUTE, 583 D-0900 RD. E., SUITE 200, MADISON, WI 53719) AND WEA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, ALL TRUSSES SHOULD HAVE PROPERLY ATTACHED STRUCTURAL PAINS AND BOTTOM CHORD SHALL HAVE OTHERWISE ATTACHED

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 THIS OR FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC NATIONAL DESIGN SPEC. FOR STEEL AND ALPINE TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC NATIONAL DESIGN SPEC. FOR STEEL. ALPINE TRUSSES ARE DESIGNED TO BE USED WITH 1/2" THICK PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A & 160B. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNE A3 OF 1911-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT OF THIS DESIGN. THE USE OF THIS COMMENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNE A3 OF 1911-2002 SEC.3.



TC LL	20.0 PSF	REF	R215 - -	45485
TC DL	10.0 PSF	DATE	06/05/06	
BC DL	10.0 PSF	DRW	HCUSR215 06156048	
BC LL	0.0 PSF	HC-ENG	ADR/ADR	
TOT.LD.	40.0 PSF	SEQN-	116793	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1SXT215_Z01	

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

110 mph wind; 15.00 ft mean hgt., ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf

Calculated horizontal deflection is 0.17" due to live load and 0.19" due to dead load.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

(A) Continuous lateral bracing equally spaced on member.

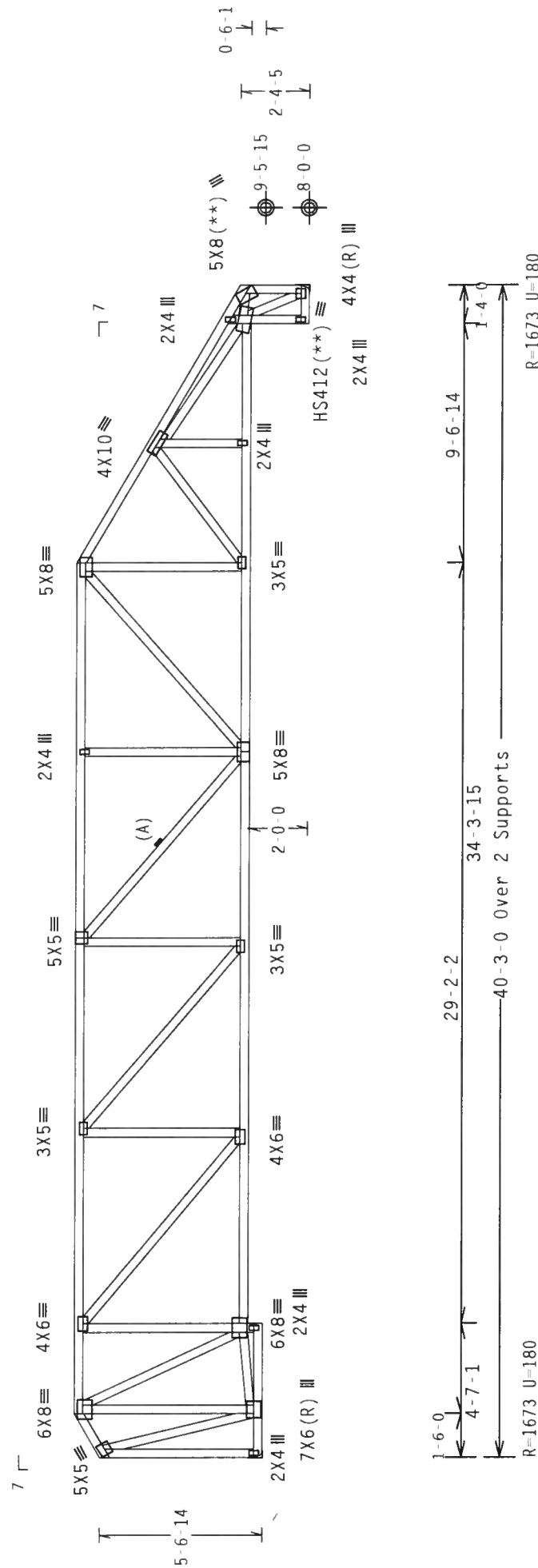
Plates sized for a minimum of 3.00 sq.in./piece.

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

The overall height of this truss excluding overhang is 6-5-6.

(**) plate(s) require special positioning.

Refer to scaled plate plot details for special positioning requirements.


$$R=1673 \quad U=180$$

R=1673 U=180

PLT TYP. 20 Gauge HS, Wave\R

Design Crit: TPI-2002(STD)/FBC

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

7.24.1230

QTY:1 FL/-/5/-/-/R/-/

Scale = 1875"/Ft.



Jun 05 06



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

ET Certificate of Authorization # 567

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

1110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Calculated horizontal deflection is 0.18" due to live load and 0.19" due to dead load.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

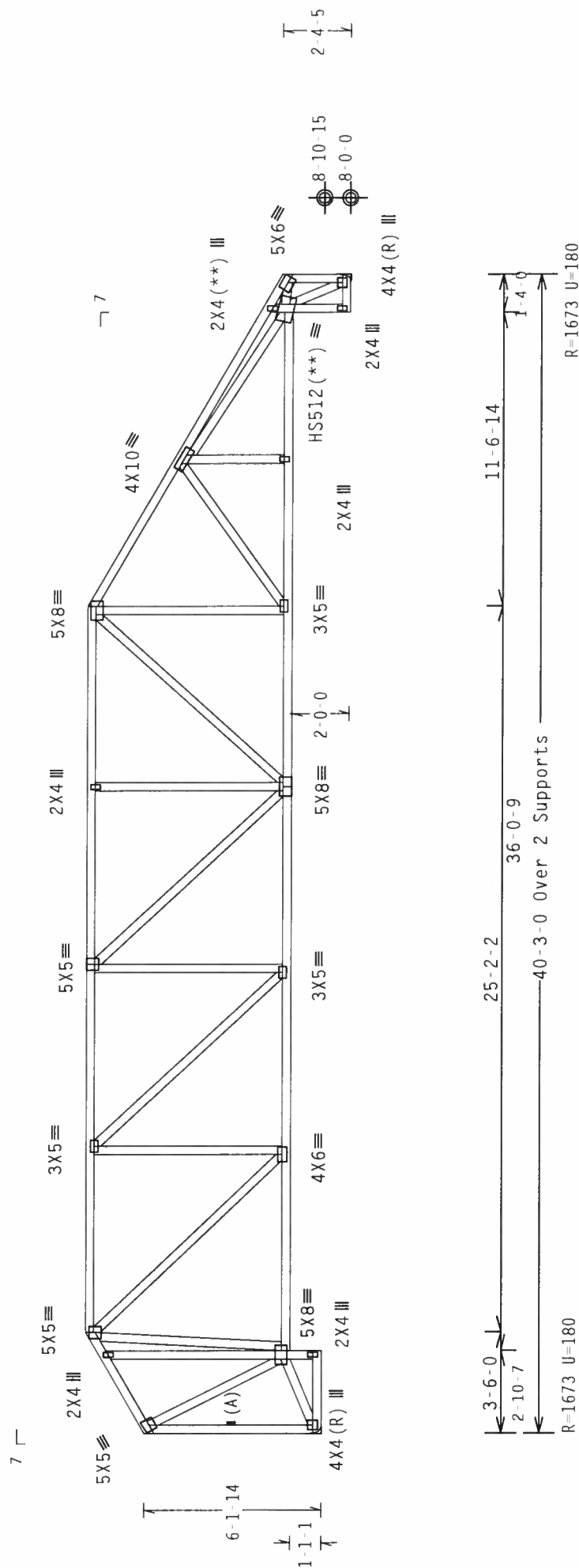
(A) Continuous lateral bracing equally spaced on member.

Plates sized for a minimum of 3.00 sq.in./piece.

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

(**) plate(s) require special positioning.

The overall height of this truss excluding overhang is 8-2-6.

Design Crit: $\text{TPI-2002(STD)}/\text{FBC}$

Design Crit: TPI-2002(STD)/FBC

 $Cq/RT=1.00(1.25)/10(0) \quad 7.24.1230$

Scale = .1875"/Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO HES-1-03 (BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PLEK INSTITUTE, 583 CRESTER AVE., MADISON, AL 37115)) AND MTC (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, AL 37115)) FOR SAFETY PRECEPTS PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAIRS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED TOP CHORDS.

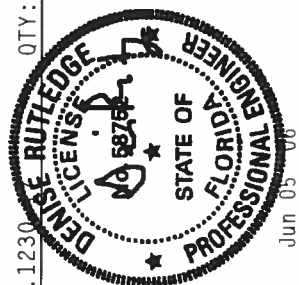
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLATION AND BRACING. REFER TO RCSC 1.03, VOUCHER, COMPONENT SAFETY INFORMATION, PUBLISHED BY THE TRUSS SOCIETY OF AMERICA, 6300 INTERSTATE 10, MADISON, MI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CELLING.

****IMPORTANT****URNISH 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 HDOS (NATIONAL DESIGN SPEC. BY AIA/AISI) AND ALPINE TRUSS COMPANY PLATES ARE MADE OF 20/18/16GA (20/15/7K) ASTM A663 GRADE 40/60 (14, 4/15) GALV. STEEL. APPLY PLATING PATCH FACES OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS THOR-2. TRUSS SPECIFICATIONS. ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSSING AND DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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

James City, FL 33844
FL Certificate of Authorization # 567



Jun 05 06

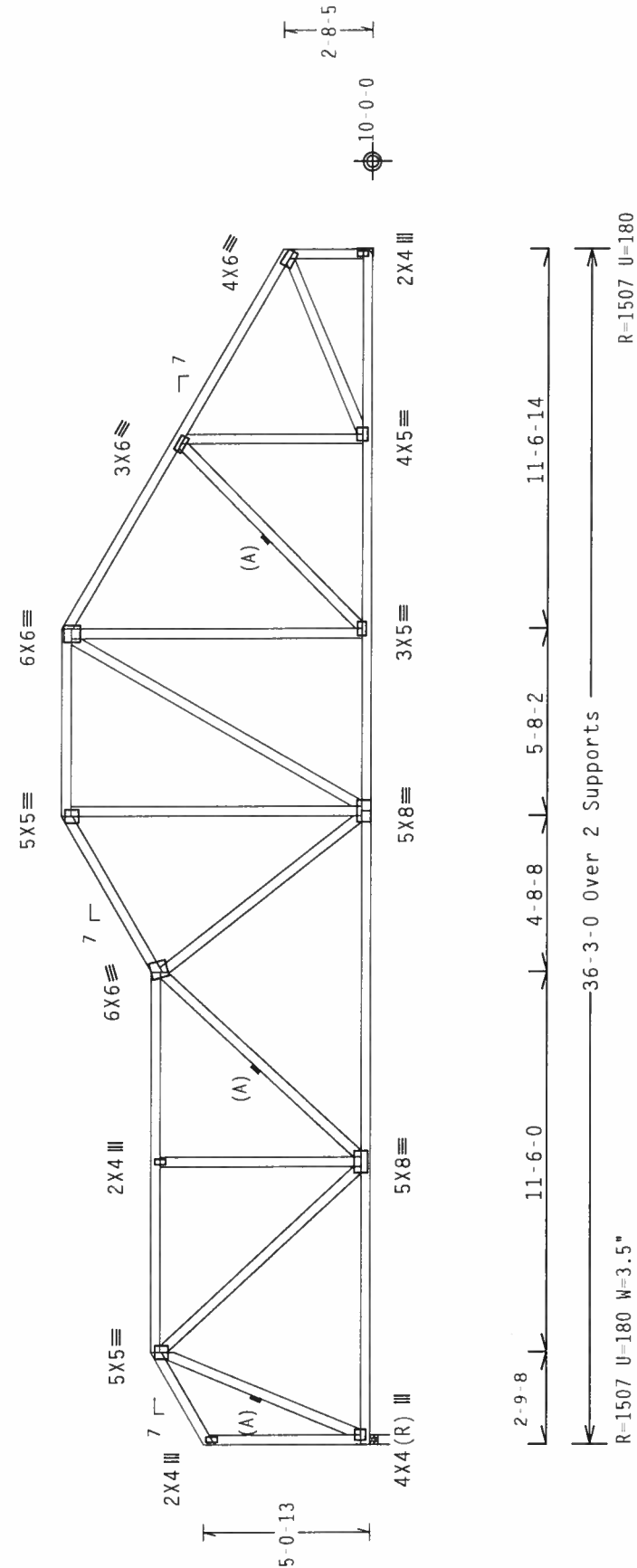
TC LL	20.0 PSF	REF	R215 - 45487
TC DL	10.0 PSF	DATE	06/05/06
BC DL	10.0 PSF	DRW	HCUHR215 06156050
BC LL	0.0 PSF	HC-ENG	EC/ADR
TOT.LD.	40.0 PSF	SEQN-	116799 REV
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1SXT215 Z01

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

110 mph wind, 16.07 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.
Deflection meets L/360 live and L/240 total load.
The overall height of this truss excluding overhang is 9-5 5.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.
Plates sized for a minimum of 3.00 sq.in./piece.



PLT TYP. Wave/R

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1230

QTY:1 FL/-/5/-/R/- Scale = .1875"/Ft.

TC LL	20.0 PSF	REF	R215 - -	45489
TC DL	10.0 PSF	DATE	06/05/06	
BC DL	10.0 PSF	DRW	HCUSR215	06156054
BC LL	0.0 PSF	HC-ENG	EC/ADR	
TOT.LD.	40.0 PSF	SEQN	-	116726
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF	-	1SXT215_Z01

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

DENISE RUTLEDGE
LICENSE
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Jun 05 '06

****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, 593 HANCOCK ST., WILMINGTON, MA 01897) AND TPI (TRUSS PLATE INSTITUTE, 593 HANCOCK ST., WILMINGTON, MA 01897) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. THE TRUSS MANUFACTURER SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

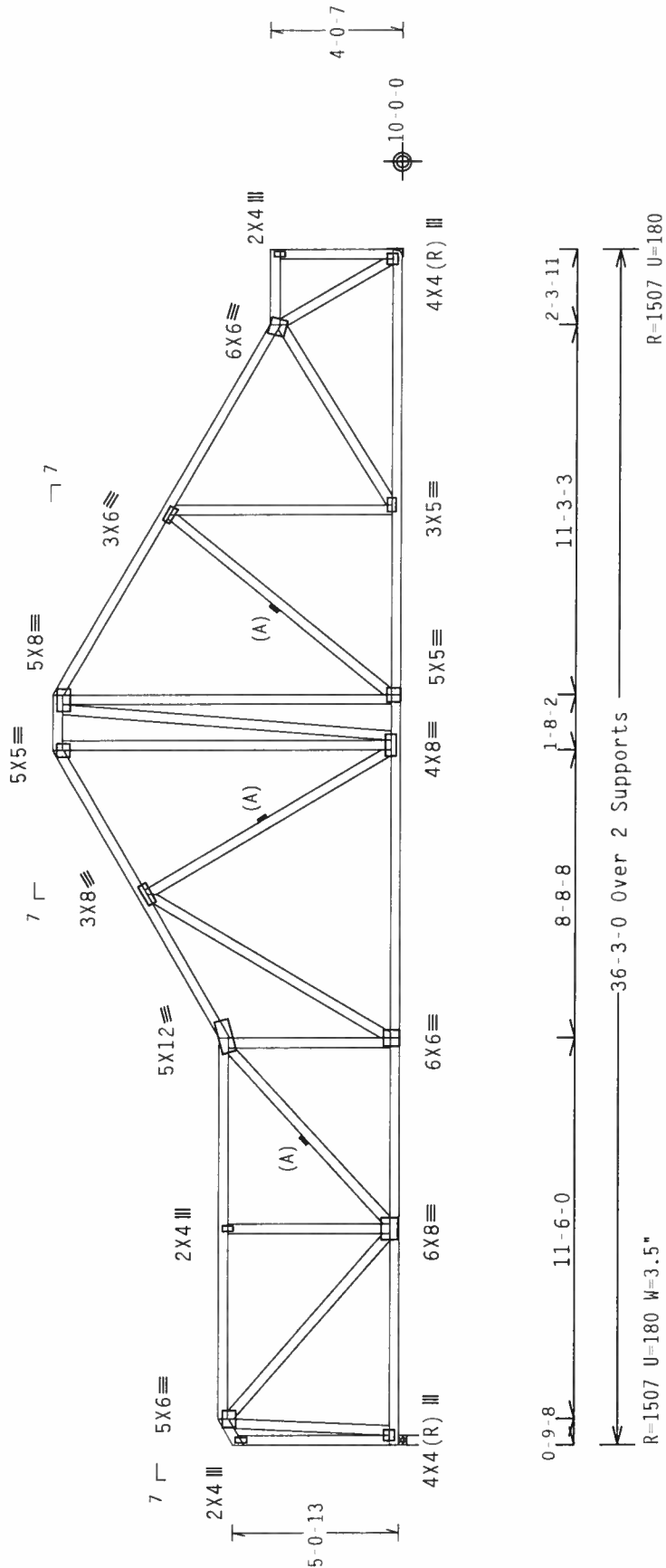
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AFAPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/1816GA (W-H/S/P) ASTM A653 GRADE 40/60 (W, K/H, S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

110 mph wind, 17.32 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.
Deflection meets L/360 live and L/240 total load.
The overall height of this truss excluding overhang is 10-7 5.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.
Plates sized for a minimum of 3.00 sq.in./piece.



PLT TYP., Wave/R

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.123

Scale = .1875"/Ft.

TC LL	20.0 PSF	REF	R215 - -	45490
TC DL	10.0 PSF	DATE	06/05/06	
BC DL	10.0 PSF	DRW	HCUSR215	06156055
BC LL	0.0 PSF	HC-ENG	EC/ADR	
TOT.LD.	40.0 PSF	SEQN -	116721	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF -	1SXT215	Z01

ALPINE

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

STATE OF FLORIDA
PROFESSIONAL ENGINEER
DENSE & RUTLEDGE
LICENSE # 58752

Jun 05 '06

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THE USER MUST FOLLOW THE INSTRUCTIONS AND SAFETY INFORMATION PROVIDED BY THE MANUFACTURER OF THE TRUSS. THE USER SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND BRACING OF THE TRUSS. THE USER SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND BRACING OF THE TRUSS. THE USER SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND BRACING OF THE TRUSS.

****IMPORTANT**** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/P) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 70/18/166A (N-H/5/K) ASTM A653 GRADE 40/60 (N. K/M.5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENTS. THE SEAL IS THE PROPERTY OF ALPINE ENGINEERED PRODUCTS, INC. AND SHALL NOT BE REPRODUCED OR COPIED WITHOUT THE WRITTEN PERMISSION OF ALPINE ENGINEERED PRODUCTS, INC. BUILDING DESIGNER PER ANNEX A3 OF TPI-2002 SEC. 2.

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

110 mph wind, 17.73 ft mean hgt., ASCE 7 02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf

Max JT VERT DEFL: LL: 0.14" DL: 0.15" recommended camber 1/4"

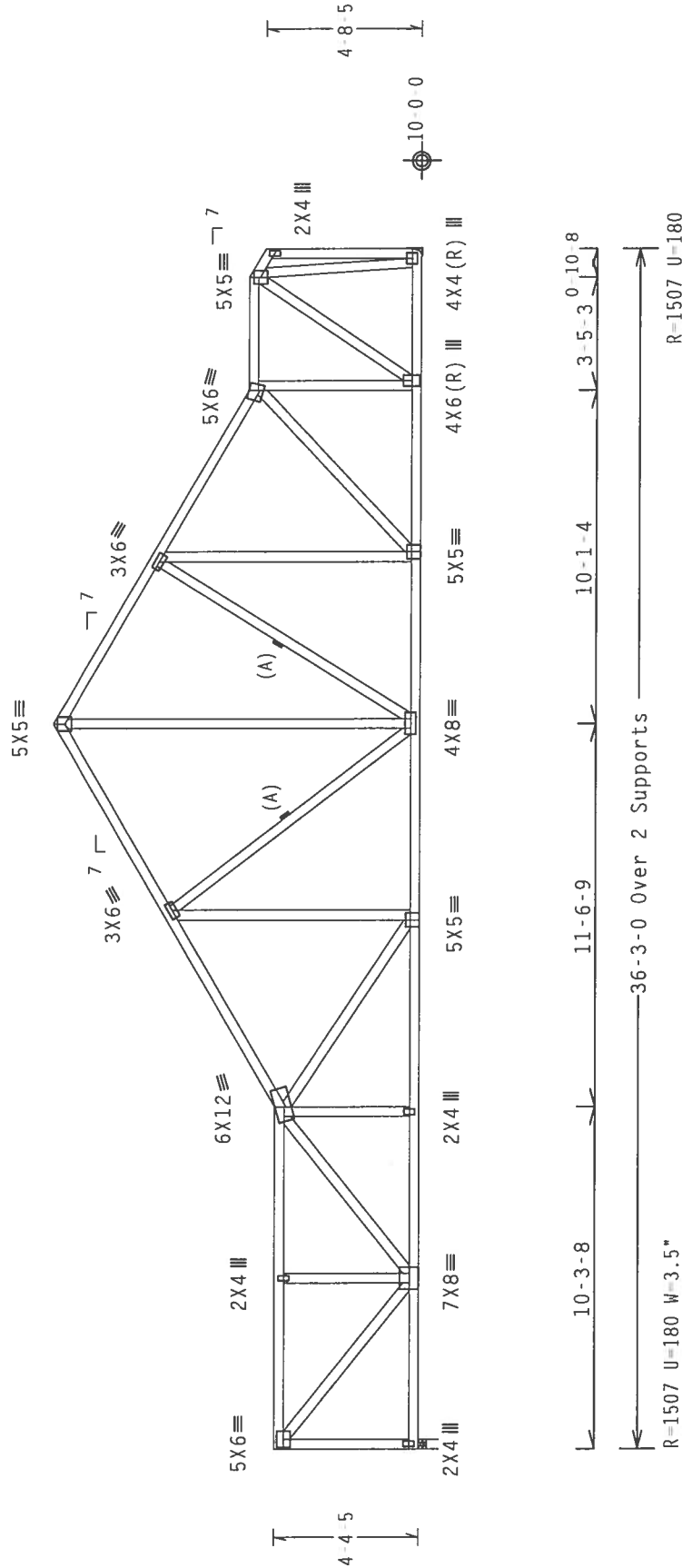
(A) Continuous lateral bracing equally spaced on member.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 11'-1'-3".



Design Crit: TPI-2002(STD)/FBC

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

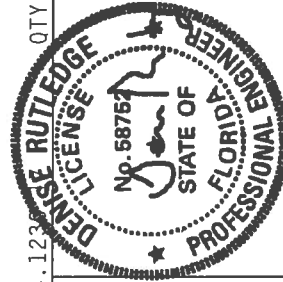
123

QTY:1 FL/-/5/-/-/R/-

Scale = .1875"/Ft.

WARNING: TRUSSES REQUIRE EXPOSED CARLITE FABRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING REFER TO BEST PRACTICES BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY IPI (TRUSS PLATE INSTITUTE, 383 D'ORFORD DR., SUITE 200, MADISON, WI 53719) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6000 ENTERPRISE BLVD., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED CEILING.

IMPORTANTTURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALTHOUGH ENGINEERS
 OF STRUCTURAL STEEL, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE
 TRUSS TO CONFORMANCE WITH TPI-1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES
 TO CONFORMANCE WITH TPI-1 OR PROVIDING AND INSTALLING THE TYPICAL CONNECTIONS AND BRACING SPEC. BY AFAPA) AND TPI-1, THE ENGINEER SHALL BE RESPONSIBLE FOR THE
 CONNECTION PLATES AND MADE UP OF 1/2" PLATE. THE CONNECTION PLATES SHALL BE 1/2" PLATE. THE
 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 ANNEC 43 OF TPI-1 2002, SEC.3-2. A SEAL ON THIS
 DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT
 OF THIS DESIGN. THE USE OF THIS COMMENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE
 BUILDING DESIGNER PER ANNEC 43 OF TPI-1 2002, SEC. 3-2.



Jun 05 '06

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

FL Certificate of Authorization # S67

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

Max JT VERT DEFL: LL: 0.16" DL: 0.17" recommended camber 1/4"

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

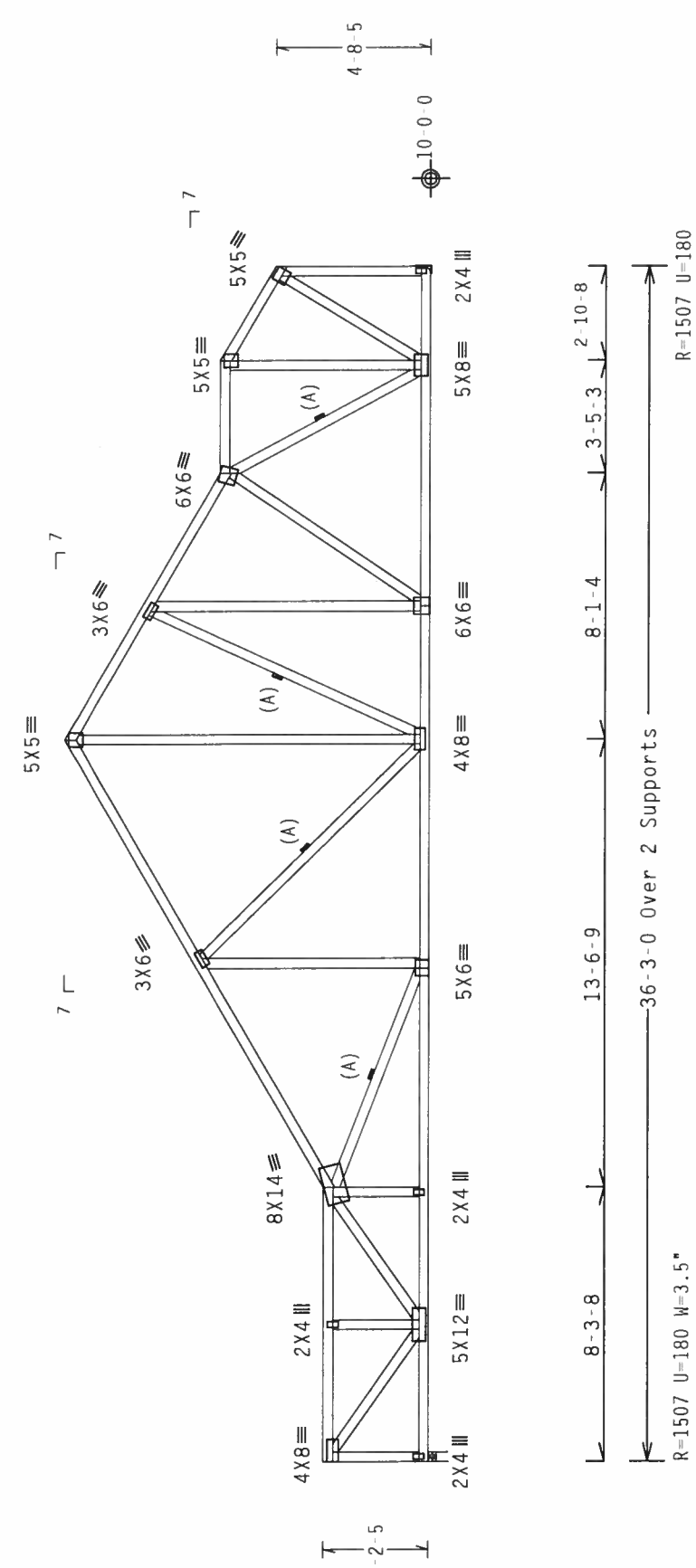
The overall height of this truss excluding overhang is 11-1 3/4.

110 mph wind, 17.15 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

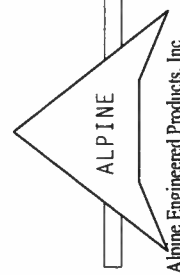
(A) Continuous lateral bracing equally spaced on member.

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

Plates sized for a minimum of 3.00 sq.in./piece.



PLT TYP. Wave/R Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 7.24.1230 QTY:1 FL/-5/-/-R/- Scale = .1875"/Ft.



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

WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY APA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (M./I./S./K) ASTM A653 GRADE 40/60 (W. K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z. INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER AS OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY APA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (M./I./S./K) ASTM A653 GRADE 40/60 (W. K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z. INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER AS OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



Denise Rutledge
License
State of Florida
Professional Engineer
No. 68761
Jun 05 '06

TC LL	20.0 PSF	REF	R215 -	45492
TC DL	10.0 PSF	DATE	06/05/06	
BC DL	10.0 PSF	DRW	HCUSR215	06156071
BC LL	0.0 PSF	HC-ENG	EC/ADR	
TOT.LD.	40.0 PSF	SEQN -	116708	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF -	1SXT215_Z01	

(3588 /Lot #13 Lake Jeffery /Concept Construction of N -- LAKE CITY, FL -- A11)

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

110 mph wind, 16.56 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

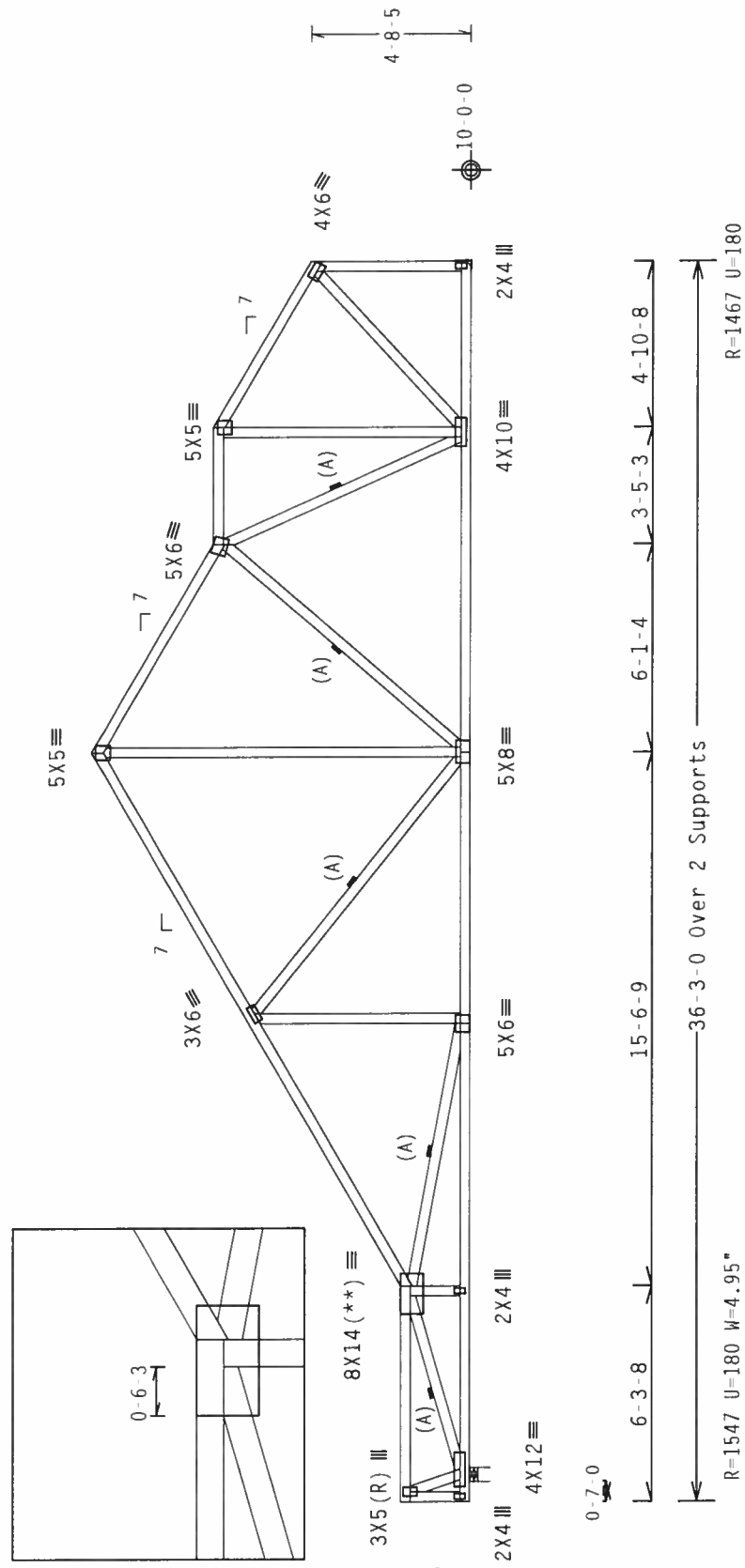
(A) Continuous lateral bracing equally spaced on member.

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

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

The overall height of this truss excluding overhang is 11-1-3.

Plates sized for a minimum of 3.00 sq.in./piece.
(**) plate(s) require special positioning.
Refer to scaled plate plot details for special positioning requirements.



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

QTY:1 FL/-/5/-/R/- Scale = .1875"/Ft.

TC LL	20.0 PSF	REF	R215 - -	45493
TC DL	10.0 PSF	DATE	06/05/06	
BC DL	10.0 PSF	DRW	HCUSR215	06156069
BC LL	0.0 PSF	HC-ENG	EC/ADR	
TOT.LD.	40.0 PSF	SEQN-	116701	REV
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1SXT215	Z01

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 W. MONROE DR., SUITE 200, MADISON, WI 53719), AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE CR., WILMINGTON, DE 19804) FOR ADDITIONAL INFORMATION. THESE PRACTICES SHALL BE FOLLOWED 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 ACPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (N.H./S/K) ASTM A653 GRADE 40/60 (N. K/M-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

Jun 05 06

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

110 mph wind, 15.05 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf.

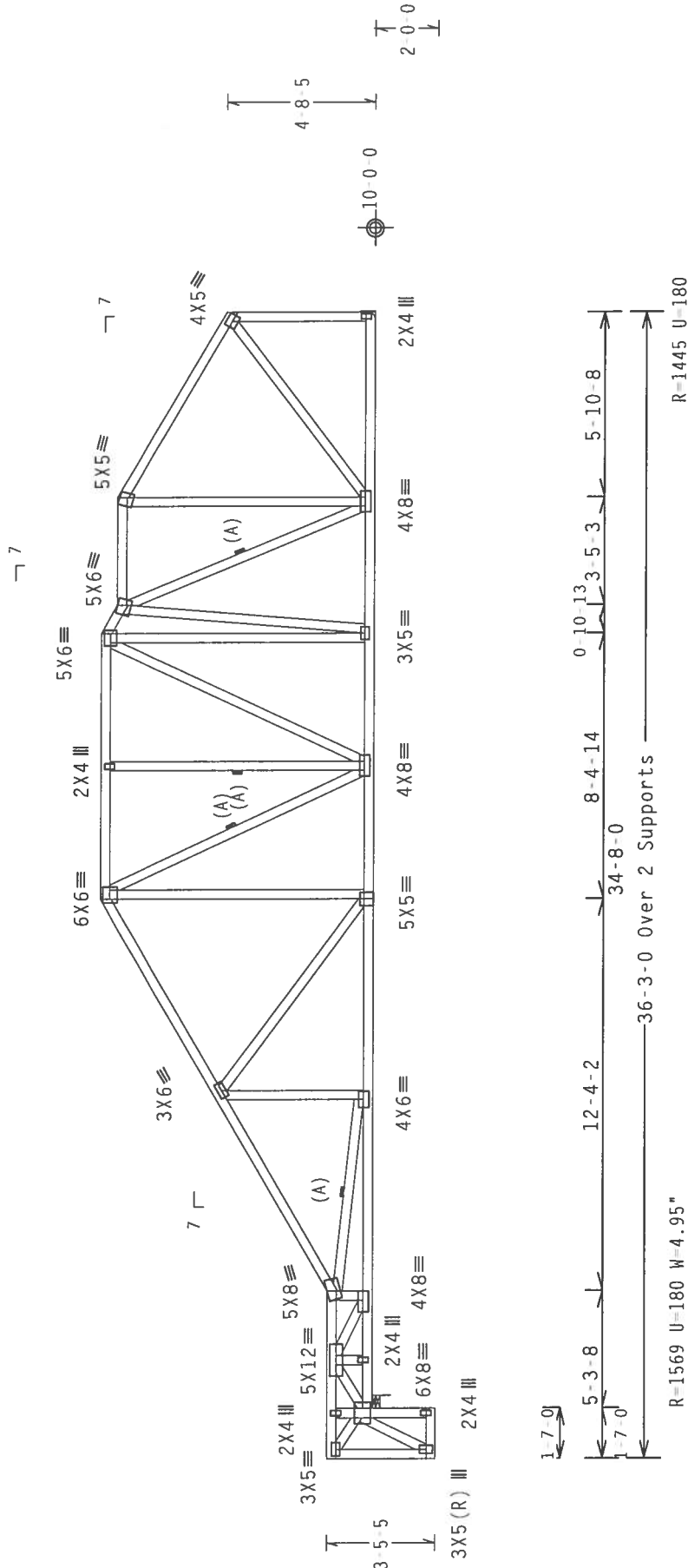
(A) Continuous lateral bracing equally spaced on member.

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

The overall height of this truss excluding overhang is 10'-7-12".

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Plates sized for a minimum of 3.00 sq.in./piece.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave\ R

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

4.1239-12 RIIT

Scale = .1875"/Ft.

***WARNING:** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES (BUILDING CONCRETE SAFETY INFORMATION) PUBLISHED BY THE NATIONAL CONCRETE CONSTRUCTION EDUCATION CENTER, 5805 DUNFORD DR., SUITE 200, MADISON, WI 53719, AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6000 INTERLAKEN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED TOP CHORD CEILING.

TC LL	20.0	PSF	REF	R215 -	45494
TC DL	10.0	PSF	DATE	06/05/06	
BC DL	10.0	PSF	DRW	HCUSR215	06156056
BC LL	0.0	PSF	HC-ENG	EC/ADR	
TOT.LD.	40.0	PSF	SEQN-	116690	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1SXT1215	Z01

A circular professional engineer seal for the State of Florida. The outer ring contains the text "FLORIDA PROFESSIONAL ENGINEER" at the top and "STATE OF" at the bottom, separated by a star. Inside the ring, the license number "No. 58762" is printed. A stylized signature is written across the center of the seal. To the right of the seal, the date "Jun 05 '06" is printed.

****WARNING**** TRUSSES REQUIRING EXTREME CARE IN HANDLING. SHIPPING, INSTALLING AND BRACING REFER TO BEST 1-03 (BUILDING CONTRACT SAFETY INFORMATION). PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 540 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, THE TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE 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 CONCORDS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTION PLATES ARE MADE OF 2018-T3 ALUMINUM 48"X16"X1/2" WITH A503 GRADE 40/60 (W/ 42MPS) GALV. STEEL APPLY TO ALL TRUSSES. CONNECTIONS SHALL BE PERFORMED IN ACCORDANCE WITH THE CONNECTION PER DRAWINGS 100A-2. ANY INSPECTION OF PLATES FOLLOWED BY REWORK SHALL BE PERFORMED BY THE DESIGNER. THE DESIGNER SHALL DRAWING 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 BUILDING DESIGNER PER AMS/TP1 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
Web	2x4	SP	#2 N

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

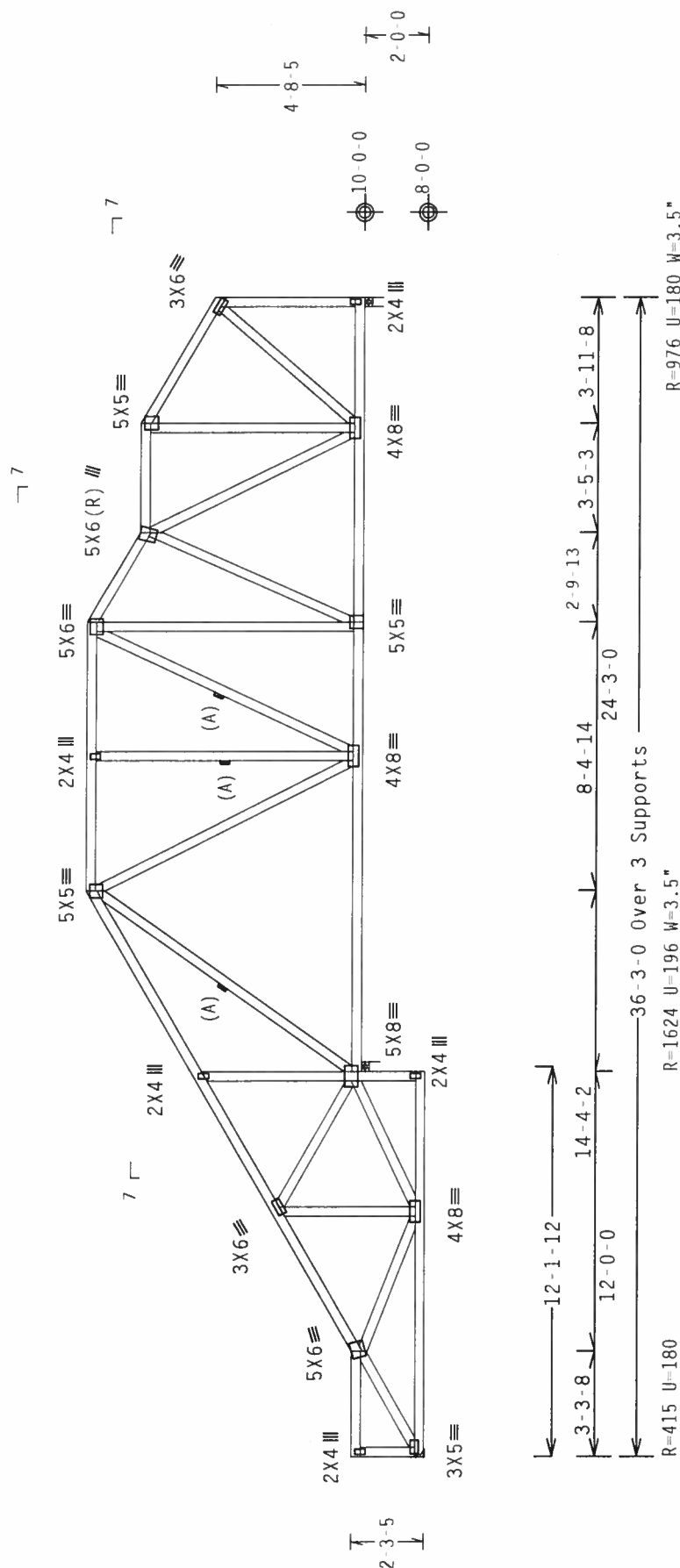
(A) Continuous lateral bracing equally spaced on member.

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

The overall height of this truss excluding overhang is 10'-7-12".

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Plates sized for a minimum of 3.00 sq.in./piece.

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

230

QTY:1 FL/-/5/-/-/R/-/

Scale = 1875"/Ft

*****WARNING***** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESS 1-03 (BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PACE INSTITUTE, 583 O'DONOGHUE BLVD., SUITE 200, MAISON, IL 53719), AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., SUITE 200, CHICAGO, IL 60631) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORDS SHALL HAVE PROPERLY ATTACHED BRACING. CELLING.

*****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. CONNECTIONS WITH APPLICABLE PROVISIONS OF AISC NATIONAL DESIGN SPEC. (W/ AINPA) AND TPI. APPLY PLATES TO EACH FACE OF TRUSS AND HUNGERS. 2018 AISC GRADE 40/60 (40, F/Y=50) GALV. STEEL. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2009 SEC 3.1. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPLETION SHOWN. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEX I/1 SEC. 2.



Haines City, FL 33844
FL Certificate of Authorization # S67

Haines City, FL 33844
 El Certificate of Authorization # S67

Haines City, FL 33844
 El Certificate of Authorization # S67

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

(A) Continuous lateral bracing equally spaced on member.

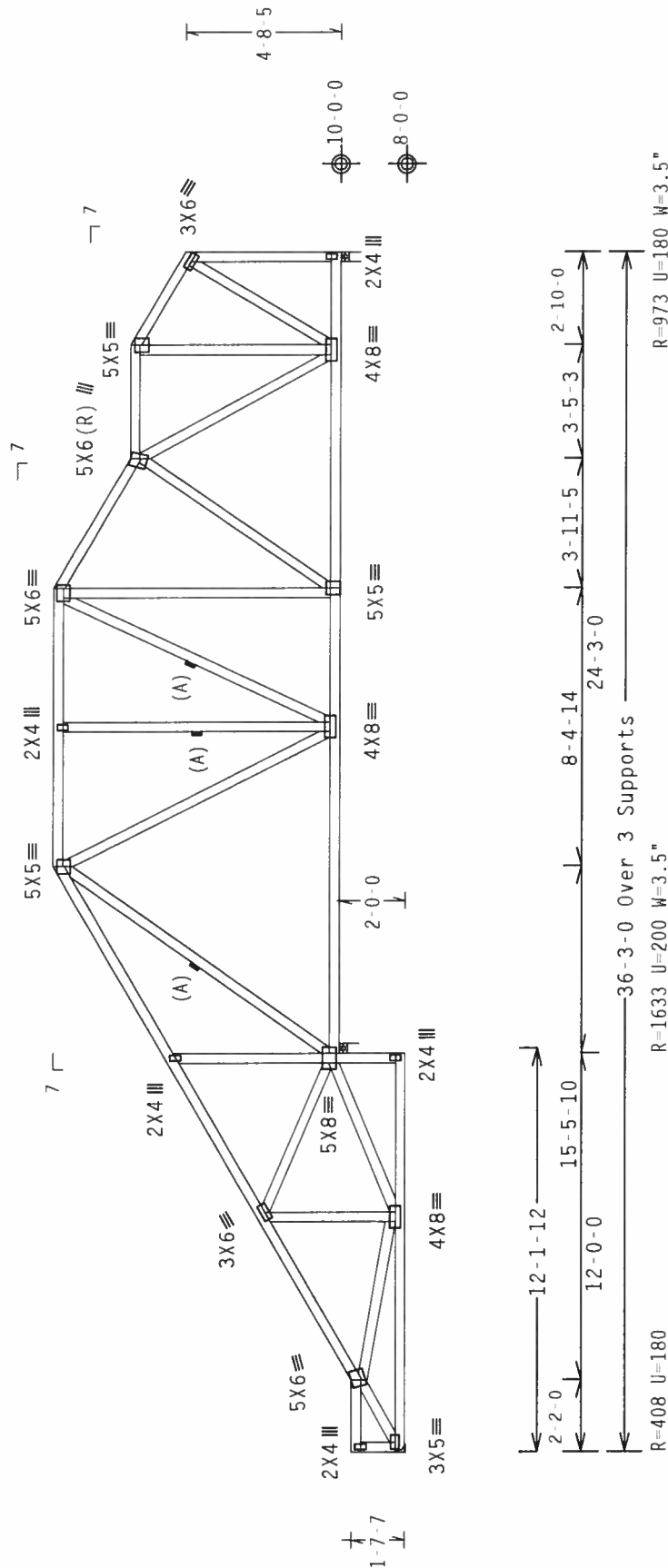
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

The overall height of this truss excluding overhang is 10-7-12.

Right end vertical not exposed to wind pressure.

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

Plates sized for a minimum of 3.00 sq.in./piece.



Design Crit: TPI-2002(STD)/FBC

Scale = .1875"/Ft.

QTY:1 FL/-/5/-/-/R/-

4.1230 ~~4.1230~~ **RIIT** QTY:1

7.24.1239

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

5
 6
 7
 8
 9
 10
 11
 12
 13
 14
 15
 16
 17
 18
 19
 20
 21
 22
 23
 24
 25
 26
 27
 28
 29
 30
 31
 32
 33
 34
 35
 36
 37
 38
 39
 40
 41
 42
 43
 44
 45
 46
 47
 48
 49
 50
 51
 52
 53
 54
 55
 56
 57
 58
 59
 60
 61
 62
 63
 64
 65
 66
 67
 68
 69
 70
 71
 72
 73
 74
 75
 76
 77
 78
 79
 80
 81
 82
 83
 84
 85
 86
 87
 88
 89
 90
 91
 92
 93
 94
 95
 96
 97
 98
 99
 100
 101
 102
 103
 104
 105
 106
 107
 108
 109
 110
 111
 112
 113
 114
 115
 116
 117
 118
 119
 120
 121
 122
 123
 124
 125
 126
 127
 128
 129
 130
 131
 132
 133
 134
 135
 136
 137
 138
 139
 140
 141
 142
 143
 144
 145
 146
 147
 148
 149
 150
 151
 152
 153
 154
 155
 156
 157
 158
 159
 160
 161
 162
 163
 164
 165
 166
 167
 168
 169
 170
 171
 172
 173
 174
 175
 176
 177
 178
 179
 180
 181
 182
 183
 184
 185
 186
 187
 188
 189
 190
 191
 192
 193
 194
 195
 196
 197
 198
 199
 200
 201
 202
 203
 204
 205
 206
 207
 208
 209
 210
 211
 212
 213
 214
 215
 216
 217
 218
 219
 220
 221
 222
 223
 224
 225
 226
 227
 228
 229
 230
 231
 232
 233
 234
 235
 236
 237
 238
 239
 240
 241
 242
 243
 244
 245
 246
 247
 248
 249
 250
 251
 252
 253
 254
 255
 256
 257
 258
 259
 260
 261
 262
 263
 264
 265
 266
 267
 268
 269
 270
 271
 272
 273
 274
 275
 276
 277
 278
 279
 280
 281
 282
 283
 284
 285
 286
 287
 288
 289
 290
 291
 292
 293
 294
 295
 296
 297
 298
 299
 300
 301
 302
 303
 304
 305
 306
 307
 308
 309
 310
 311
 312
 313
 314
 315
 316
 317
 318
 319
 320
 321
 322
 323
 324
 325
 326
 327
 328
 329
 330
 331
 332
 333
 334
 335
 336
 337
 338
 339
 340
 341
 342
 343
 344
 345
 346
 347
 348
 349
 350
 351
 352
 353
 354
 355
 356
 357
 358
 359
 360
 361
 362
 363
 364
 365
 366
 367
 368
 369
 370
 371
 372
 373
 374
 375
 376
 377
 378
 379
 380
 381
 382
 383
 384
 385
 386
 387
 388
 389
 390
 391
 392
 393
 394
 395
 396
 397
 398
 399
 400
 401
 402
 403
 404
 405
 406
 407
 408
 409
 410
 411
 412
 413
 414
 415
 416
 417
 418
 419
 420
 421
 422
 423
 424
 425
 426
 427
 428
 429
 430
 431
 432
 433
 434
 435
 436
 437
 438
 439
 440
 441
 442
 443
 444
 445
 446
 447
 448
 449
 450
 451
 452
 453
 454
 455
 456
 457
 458
 459
 460
 461
 462
 463
 464
 465
 466
 467
 468
 469
 470
 471
 472
 473
 474
 475
 476
 477
 478
 479
 480
 481
 482
 483
 484
 485
 486
 487
 488
 489
 490
 491
 492
 493
 494
 495
 496
 497
 498
 499
 500
 501
 502
 503
 504
 505
 506
 507
 508
 509
 510
 511
 512
 513
 514
 515
 516
 517
 518
 519
 520
 521
 522
 523
 524
 525
 526
 527
 528

PLT TYP. Wave\R

TC LL	20.0 PSF	REF	R215 --	45496
TC DL	10.0 PSF	DATE	06/05/06	
BC DL	10.0 PSF	DRW	HCUSR215	06156051
BC LL	0.0 PSF	HC-ENG	EC/ADR	
TOT.LD.	40.0 PSF	SEQN-	116808	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1SXT215	Z01



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

(A) Continuous lateral bracing equally spaced on member.

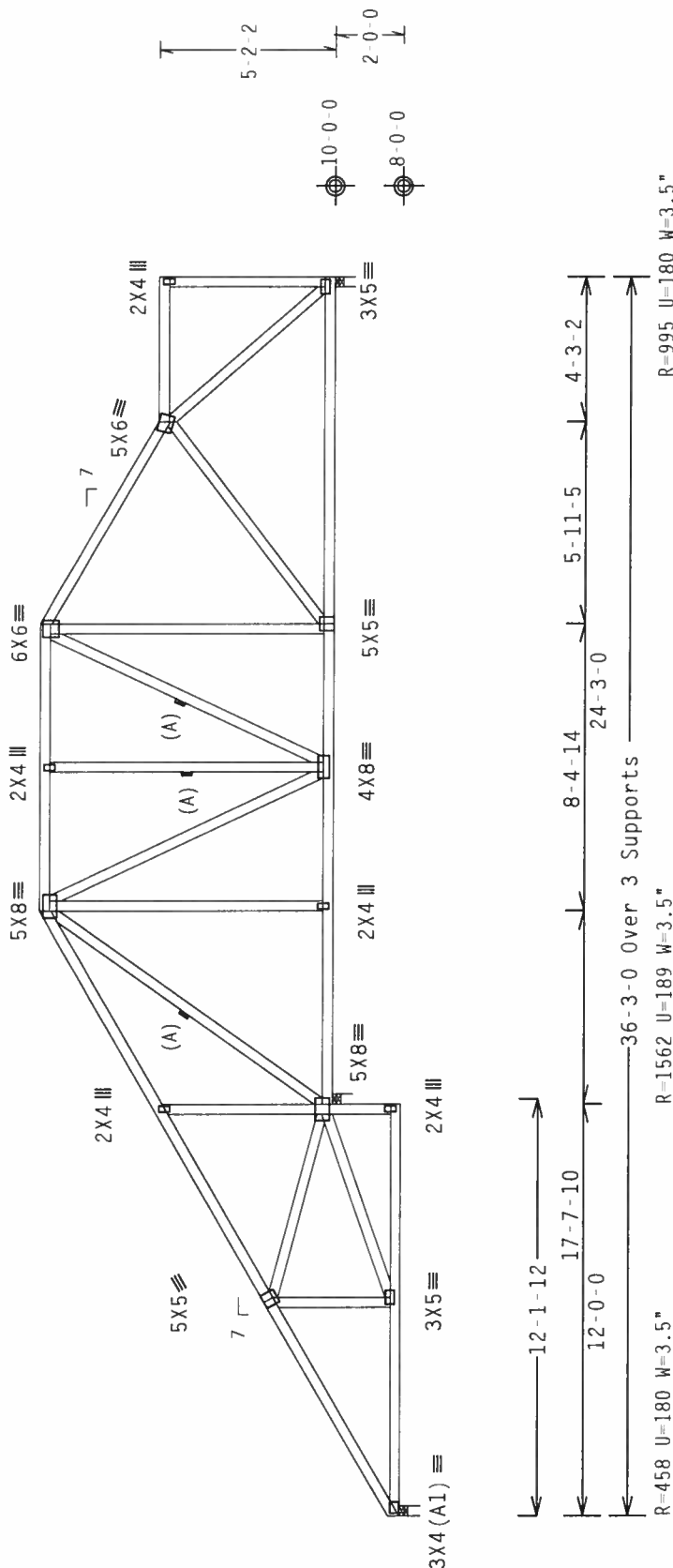
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

The overall height of this truss excluding overhang is 10'-7-12".

Right end vertical not exposed to wind pressure.

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

Plates sized for a minimum of 3.00 sq.in./piece.



PLT TYP. Wave\R

Design Crit: $\text{TPI} - 2002(\text{STD}) / \text{FBC}$ $Cq/RT=1.00(1.25)/10(0) \quad 7.24.123$

QTY:1 FL/-/5/-/-/R/-/

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

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSP 1-03, BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE CRIPPS PLATE INSTITUTE, 383 W. CONCORD RD., SUITE 200, MADISON, WI 53719, AND NCA SOURCEBOOK, 1000 W. CONCORD RD., SUITE 200, MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE ACTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED TOP CHORD CEILING.

TC LL	20.0	PSF	REF	R215	--	45497
TC DL	10.0	PSF	DATE	06/05/06		
BC DL	10.0	PSF	DRW	HCUSR215	06156067	
BC LL	0.0	PSF	HC-ENG	EC/ADR		
TOT.LD.	40.0	PSF	SEQN-	116674		
DUR.FAC.	1.25		FROM	CDM		
SPACING	24.0"		JREF-	1SXT215 Z01		



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

Jun 05 '06

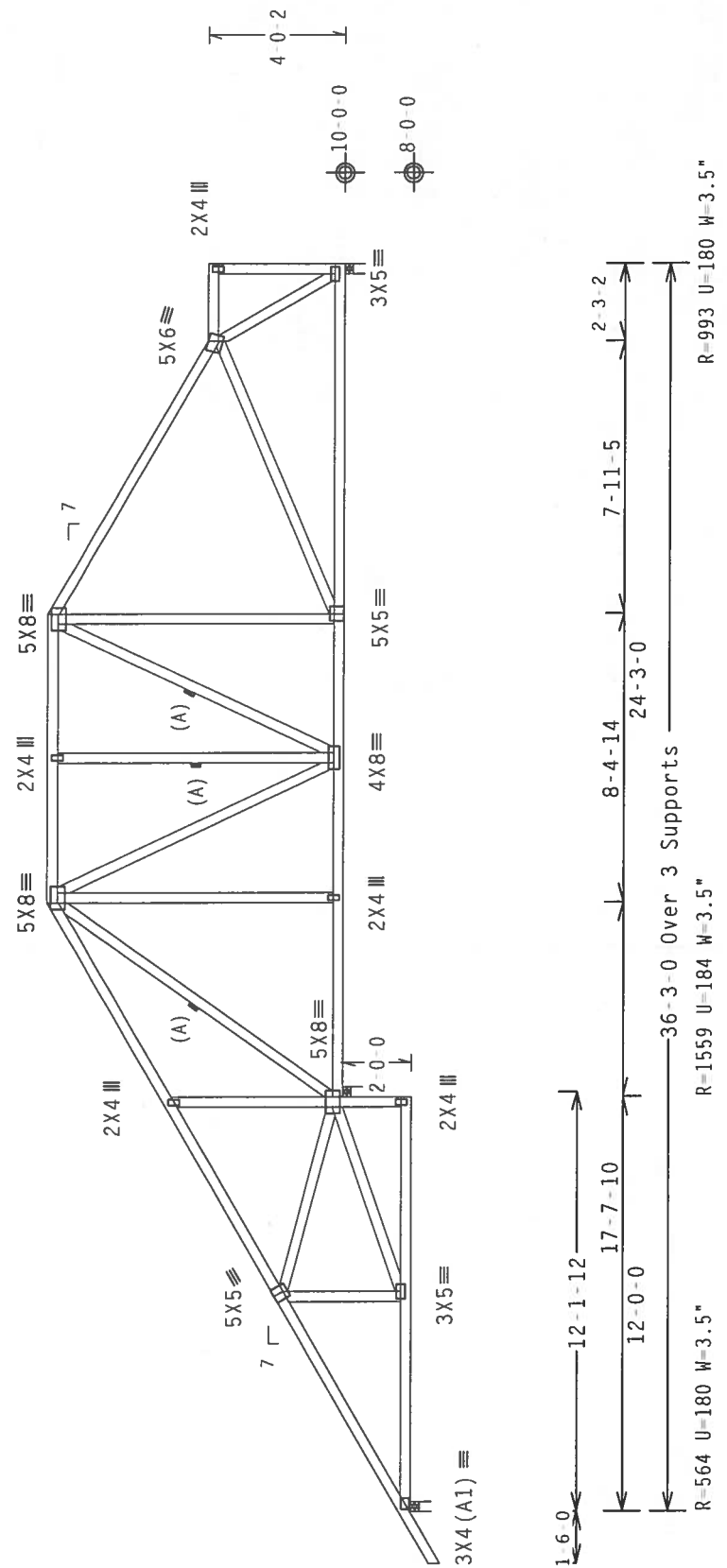
(3588 - /Lot #13 Lake Jeffery /Concept Construction of N -- LAKE CITY, FL - A16)

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

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

- (A) Continuous lateral bracing equally spaced on member.
- In lieu of structural panels use purlins to brace all flat TC @ 24" OC.
- The overall height of this truss excluding overhang is 10'-7-1/2".

Right end vertical not exposed to wind pressure.
Deflection meets L/360 live and L/240 total load.
Plates sized for a minimum of 3.00 sq.in./piece.



PLT TYP. Wave\|R
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1230

Scale = .1875" / Ft.	QTY: 1	FL / - / 5 / - / R / -
REF R215 - - 45498	TC LL	20.0 PSF
DATE 06/05/06	TC DL	10.0 PSF
DRW HCUSR215 06156066	BC DL	10.0 PSF
HC-ENG EC/ADR	BC LL	0.0 PSF
SEQN- 116670	TOT.LD.	40.0 PSF
FROM CDM	DUR.FAC.	1.25
JREF- 1SXT215_Z01	SPACING	24.0"



WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (M-17/5X) 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 BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (M-17/5X) 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 BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

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

110 mph wind, 15.00 ft mean hgt. ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

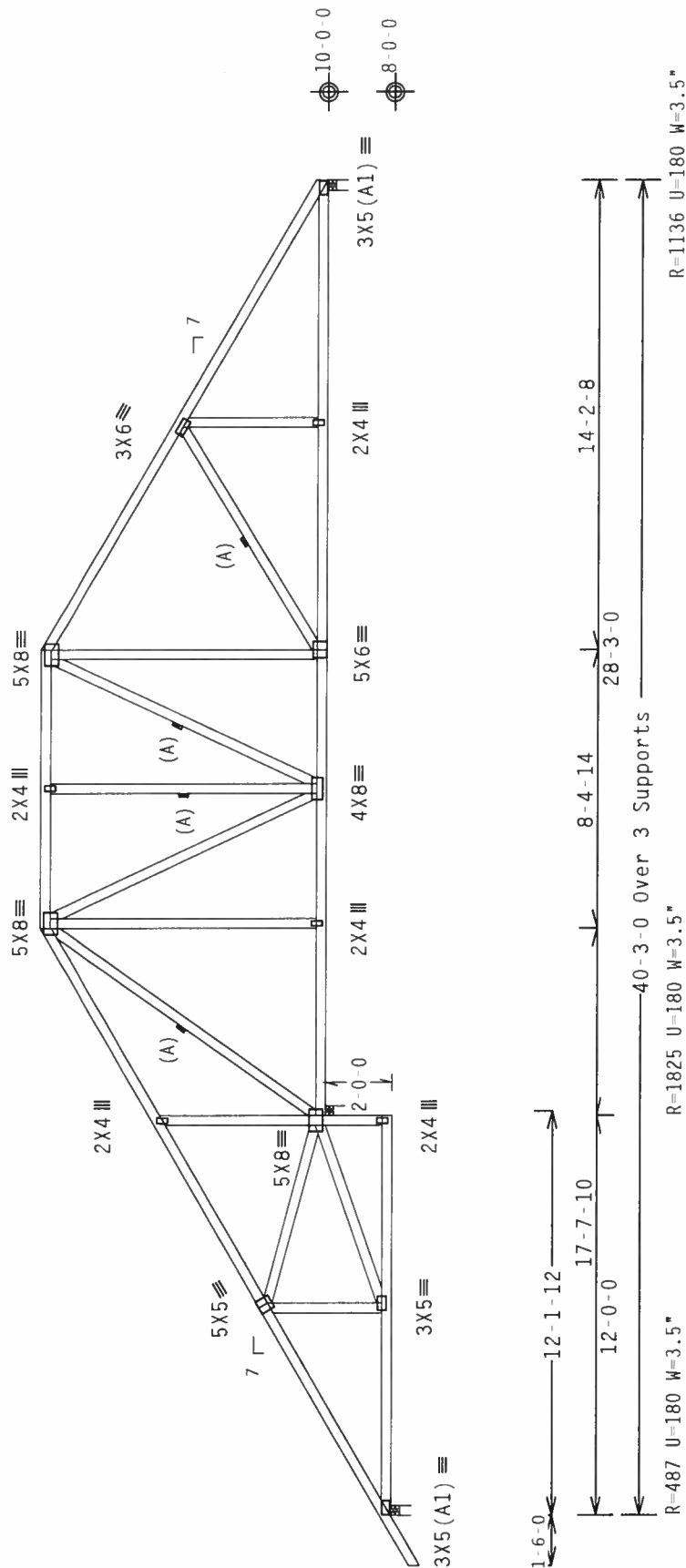
(A) Continuous lateral bracing equally spaced on member.

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

The overall height of this truss excluding overhang is 10-7-12.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Plates sized for a minimum of 3.00 sq.in./piece.



PLT_TYP. Wave\R

Design Crit: TPI-2002(STD)/FBC

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

230

QTY:1 FL/-/5/-/-/R/-/

Scale = .1875"/Ft.

TC LL	20.0 PSF	REF	R215--	45499
TC DL	10.0 PSF	DATE	06/05/06	
BC DL	10.0 PSF	DRW	HCUSR215	06156074
BC LL	0.0 PSF	HC-ENG	EC/ADR	
TOT.LD.	40.0 PSF	SEQN-	116666	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1SXT215	Z01



Haines City, FL 33844
FL Certificate of Authorization # 567

ALPINE

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

WARNING THUSSE'S EXTERIOR CARE, THE FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING OF THUSSE'S TRUSS SYSTEMS, INC. (THUSSE TRUSSES), IS A TRADE SECRET OF THUSSE'S TRUSS SYSTEMS, INC. (THUSSE TRUSSES). THUSSE TRUSSES IS A DIVISION OF THE TRUSSING PLATE INSTITUTE, 1543 BEECHER DRIVE, SUITE 100, MADISON, WI 53719, AND NICA GROUP TRUSSE 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 BRIDG CELLING.

IMPORTANT: FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO FOLLOW THE DESIGN CONFORMS WITH THE OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. TRUSS IN CONFORMANCE WITH IPE: ALPINE ENGINEERED WOOD CONNECTION PLATES ARE MADE OF 20X18/16GA (W/J-S/K) ASTM A963 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. IF ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF IPTI 2002 AC.3-C. 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 IPTI 1 C-2.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

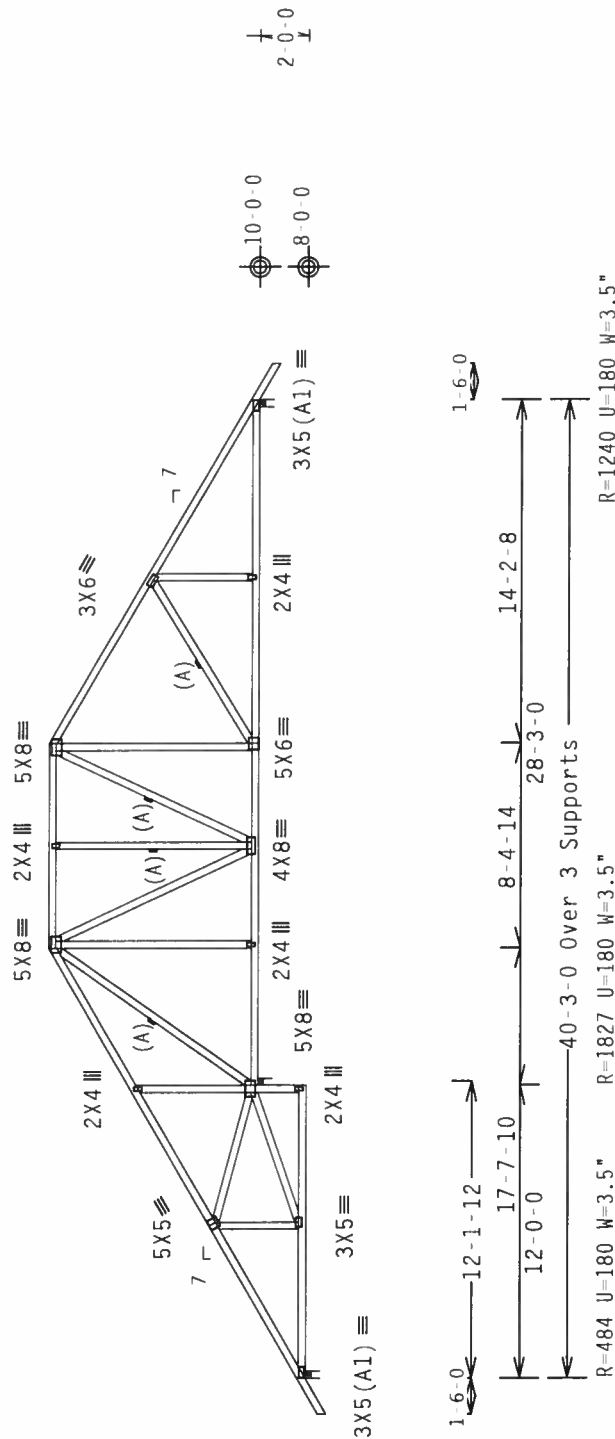
(A) Continuous lateral bracing equally spaced on member.

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

The overall height of this truss excluding overhang is 10-7-12.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Plates sized for a minimum of 3.00 sq.in./piece.



PLT TYP. Wave\R

Design Crit: $\text{TPI} - 2002(\text{STD})/\text{FBC}$ $Cq/RT=1.00(1.25)/10(0) \quad 7.24.1230$

QTY:3 FL/-/5/-/-/R/-
Scale =.125"/Ft.

****WARNING**** THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESS 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IPI (FRANCE), 6300 ENTERPRISE BL., MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE TASKS. 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 IN CONFORMANCE WITH TPI: OR USING NON-ALPINE DESIGN SPEC., (BY ALPINA) AND STEEL CONNECTIONS ARE MADE UPON/BEFORE/ AFTER DATE OF 20/10/2018 WILL BE AT OWNERS RISK.

PLATES TO EACH FACE OF TRUSSES AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS I6DA 2. IF ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AN/A 3 OF TPI1 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT OF THIS CONSTRUCTION PROJECT. NO OTHER USE OF THIS CONCEPT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AN/SP1 1-1 SEC. 2.



Haines City, FL 33844
FL Certificate of Authorization # S67

Haines City, FL 33844
 FI Certificate of Authorization# 567

(3588 /Lot #13 Lake Jeffery /Concept Construction of N -- LAKE CITY, FL - A19)

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

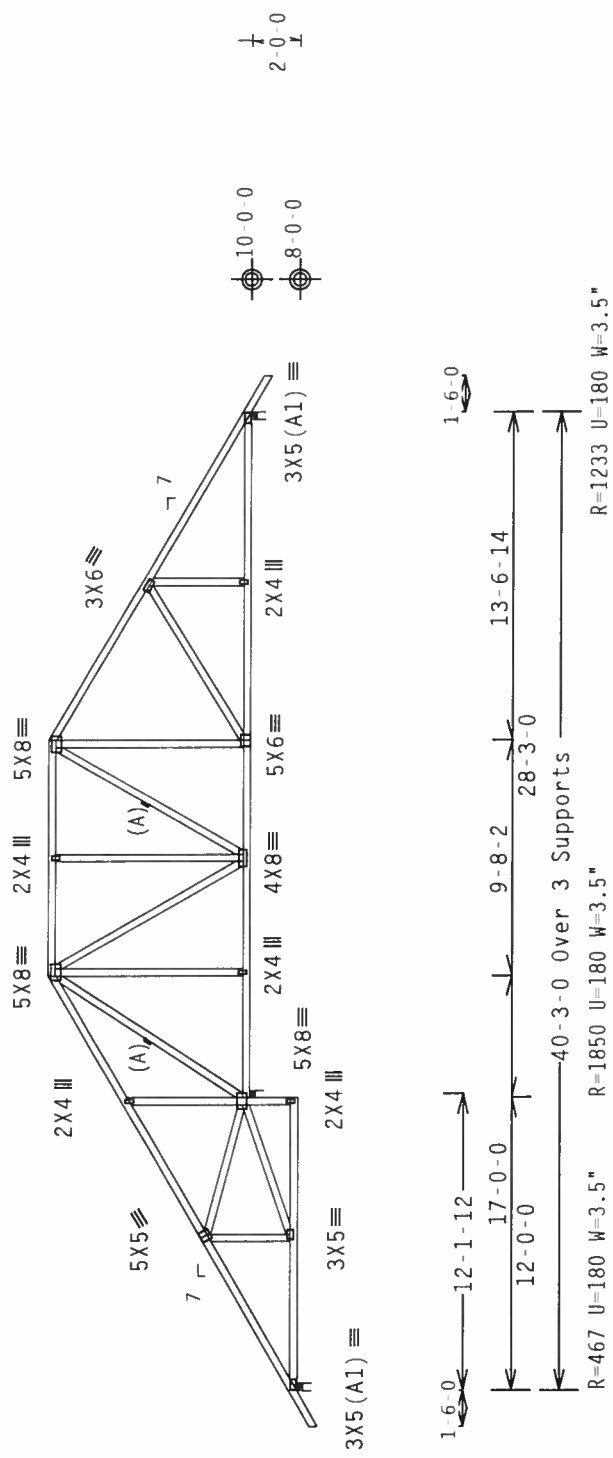
(A) Continuous lateral bracing equally spaced on member.

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

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 10'-3.5".



Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0) 7.24.1230

QTY:1

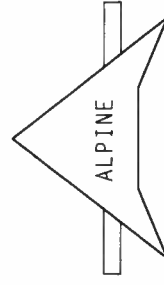
Scale = .125"/Ft.

TC LL	20.0 PSF	REF	R215 -- 45501
TC DL	10.0 PSF	DATE	06/05/06
BC DL	10.0 PSF	DRW	HCUSR215 06156062
BC LL	0.0 PSF	HC-ENG	EC/ADR
TOT.LD.	40.0 PSF	SEQN	116654
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF	1SXT215_Z01

PLT TYP. Wave\R

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. 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 ACAPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/1866 (4-H/5K) ASTM A653 GRADE 40/60 (4. K/H-5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DESIGN SHOWN. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

****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 ACAPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/1866 (4-H/5K) ASTM A653 GRADE 40/60 (4. K/H-5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DESIGN SHOWN. THE 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.
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, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

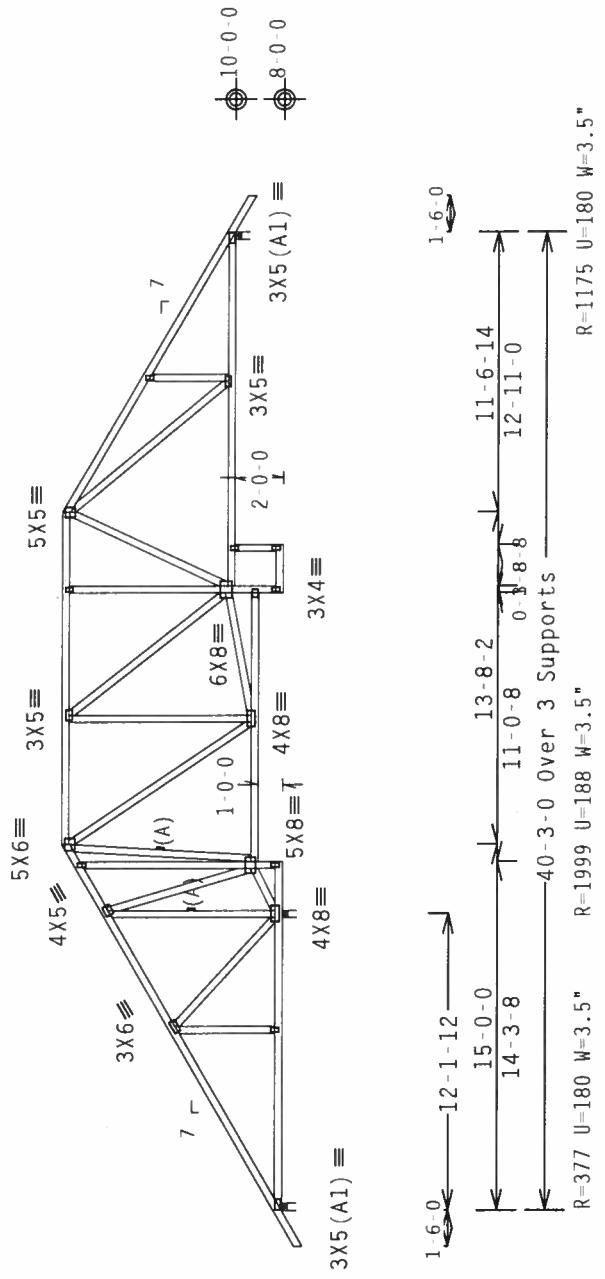
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 9'-1.5".

SEE DWGS BCFILLER1103 FOR FILLER DETAILS.
LATERALLY BRACE BOTTOM CHORD ABOVE FILLER @24"OC.
INCLUDING A LATERAL BRACE AT CHORD ENDS.



Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave\R

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

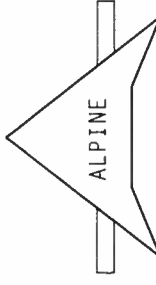
QTY:1

FL/-/5/-/R/-

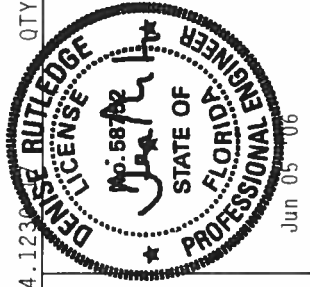
Scale = .125"/ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATING INSTITUTE, 503 MADISON, MI 48219), FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE SPECIFIED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY ACPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 70/18/16GA (4-11/16" X 1/2") ASTM A653 GRADE 40/60 (40 KSI YIELD, 60 KSI TENSILE) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT FABRICATED BY ALPINE ENGINEERED PRODUCTS, INC. NO OTHER SEALING OR MARKING SHALL BE USED. 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



Denise Rutledge
LICENSE
No. 68742
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Jun 05 '06

TC LL	20.0 PSF	REF	R215 - -	45502
TC DL	10.0 PSF	DATE	06/05/06	
BC DL	10.0 PSF	DRW	HCUSR215	06156061
BC LL	0.0 PSF	HC-ENG	EC/ADR	
TOT.LD.	40.0 PSF	SEQN -	116650	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF -	1SXT215	Z01

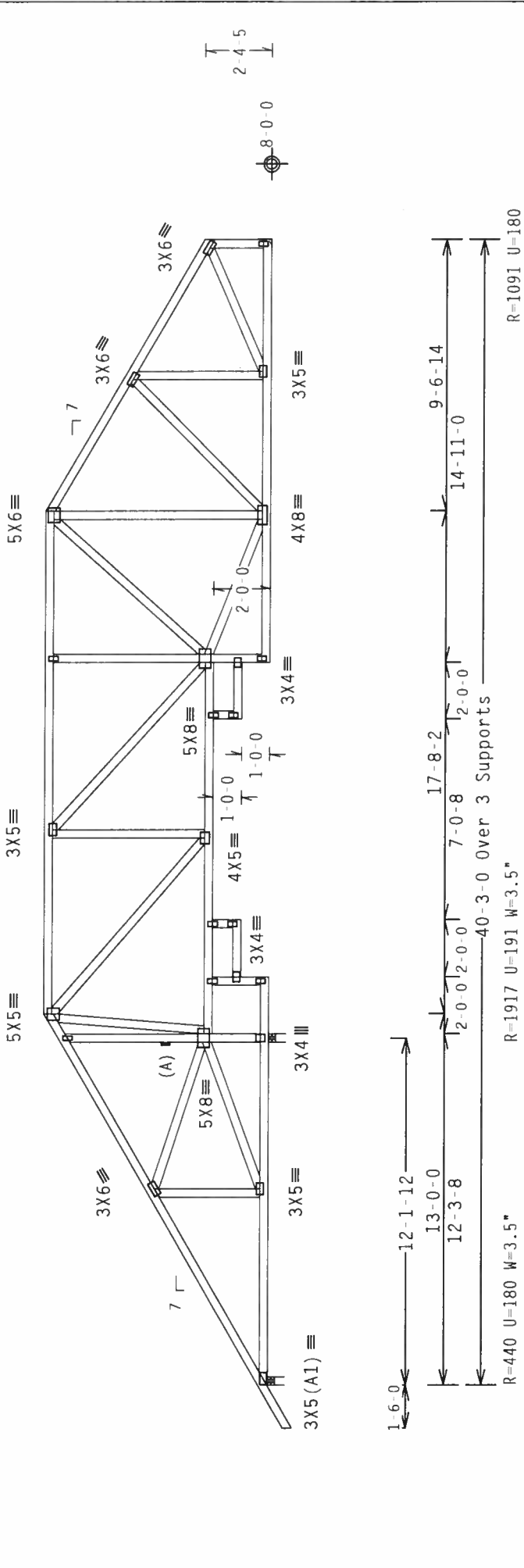
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

(A) Continuous lateral bracing equally spaced on member.
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.
The overall height of this truss excluding overhang is 7-11-5.

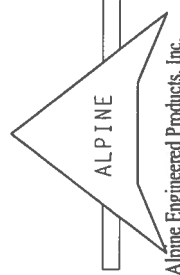
SEE DWGS BCFILLER1103 FOR FILLER DETAILS.
LATERALLY BRACE BOTTOM CHORD ABOVE FILLER @24"OC.
INCLUDING A LATERAL BRACE AT CHORD ENDS.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.
Deflection meets L/360 live and L/240 total load.
Plates sized for a minimum of 3.00 sq.in./piece.



Note: All Plates Are 2x4 Except As Shown.
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1230 QTY:1 FL/-/5/-/R/- Scale = .1875"/Ft.



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



Denise Rutledge
Professional Engineer
State of Florida
License No. 12345
Jun 09 '08

TC LL	20.0 PSF	REF	R215 -	45503
TC DL	10.0 PSF	DATE	06/05/06	
BC DL	10.0 PSF	DRW	HCUSR215	06156060
BC LL	0.0 PSF	HC-ENG	EC/ADR	
TOT.LD.	40.0 PSF	SEQN	116647	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF	1SXT215	Z01

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

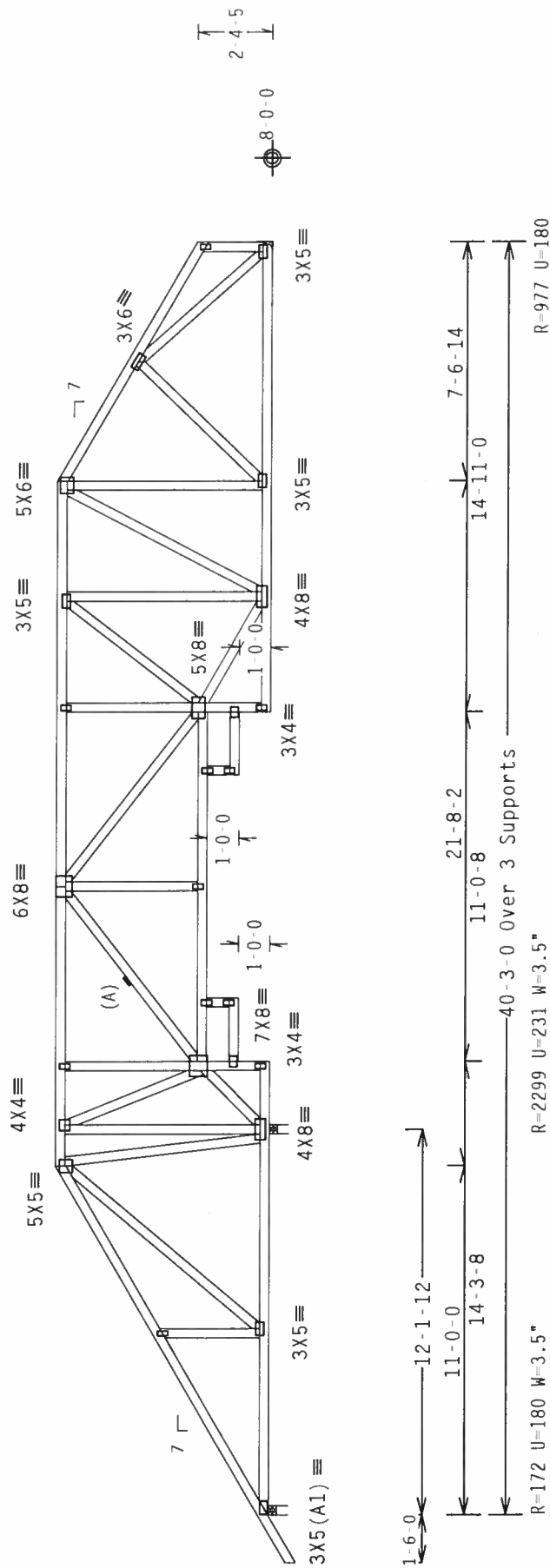
110 mph wind; 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

The overall height of this truss excluding overhang is 6-9-5.

SEE DWGS BCFILLER103 FOR FILLER DETAILS.
LATERAL BRACE BOTTOM CHORD ABOVE FILLER @24"OC.
INCLUDING A LATERAL BRACE AT CHORD ENDS



Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave\R

Scale = .1875"/Ft.

QTY:1 FL/-/5/-/-/R/-

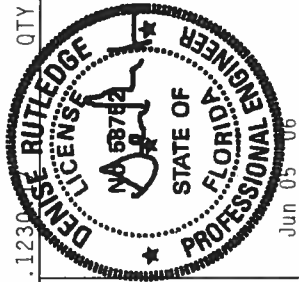
7.24.1230

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

DESIGN 1111:

PLT TYP. Wave\R

TC LL	20.0	PSF	REF	R215--	45504
TC DL	10.0	PSF	DATE	06/05/06	
BC DL	10.0	PSF	DRW	HCUSR215	06156059
BC LL	0.0	PSF	HC-ENG	EC/ADR	
TOT.LD.	40.0	PSF	SEQN-	116637	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1SXT215_Z01	



90-50 UNP

BUILDING DESIGNER PER ANSI/APT 1 SEC. 7.

FL Certificate of Authorization # 567

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

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Plates sized for a minimum of 3.00 sq.in./piece.

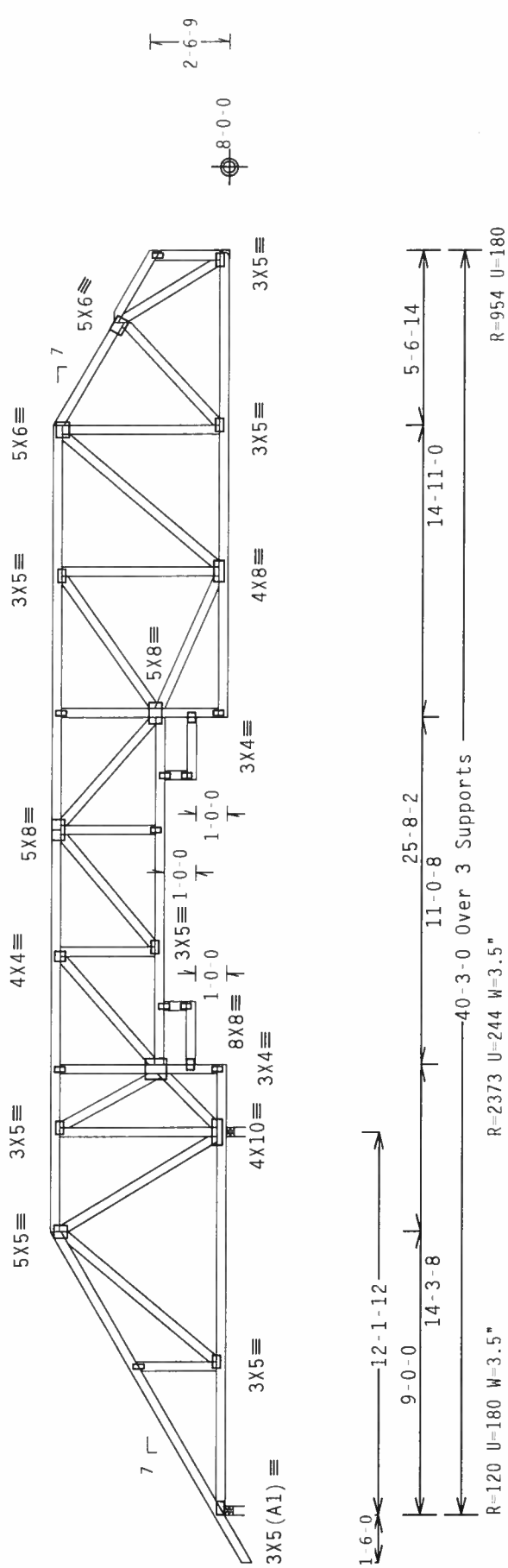
SEE DWGS BCFILLER1103 FOR FILLER DETAILS.
LATERALLY BRACE BOTTOM CHORD ABOVE FILLER @24"OC.
INCLUDING A LATERAL BRACE AT CHORD ENDS.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

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

The overall height of this truss excluding overhang is 5-7-5.



Note: All Plates Are 2X4 Except As Shown.
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1230
Scale = .1875"/Ft.

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

WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-2002(STD)/FBC OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI-2002(STD)/FBC. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (4-H/57K) ASTM A653 GRADE 40/60 (4-H/57K) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) DESIGN SPECIFICATION FOR STRUCTURAL 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 AWS/D11.1 SEC. 2.

****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-2002(STD)/FBC OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI-2002(STD)/FBC. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (4-H/57K) ASTM A653 GRADE 40/60 (4-H/57K) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) DESIGN SPECIFICATION FOR STRUCTURAL 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 AWS/D11.1 SEC. 2.

PLT TYP. Wave\R

QTY:1 FL/-/5/-/10(0) 7.24.1230

TC LL	20.0 PSF	REF R215 -- 45505
TC DL	10.0 PSF	DATE 06/05/06
BC DL	10.0 PSF	DRW HCUSR215 06156058
BC LL	0.0 PSF	HC-ENG EC/ADR
TOT.LD.	40.0 PSF	SEQN- 118225
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1SXT215_Z01

Top chord 2x4 SP #2 N :T2, T3 2x6 SP #2 N:
Bot chord 2x6 SP #2 N
Webs 2x4 SP #2 N

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

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

#1 hip supports 7-0-0 jacks W/2 panel TC and no end vert. Plates sized for a minimum of 3.00 sq.in./piece.

SEE DWGS BCFILLER1103 FOR FILLER DETAILS.
LATERAL BRACE BOTTOM CHORD ABOVE FILLER @24"OC.
INCLUDING A LATERAL BRACE AT CHORD ENDS.

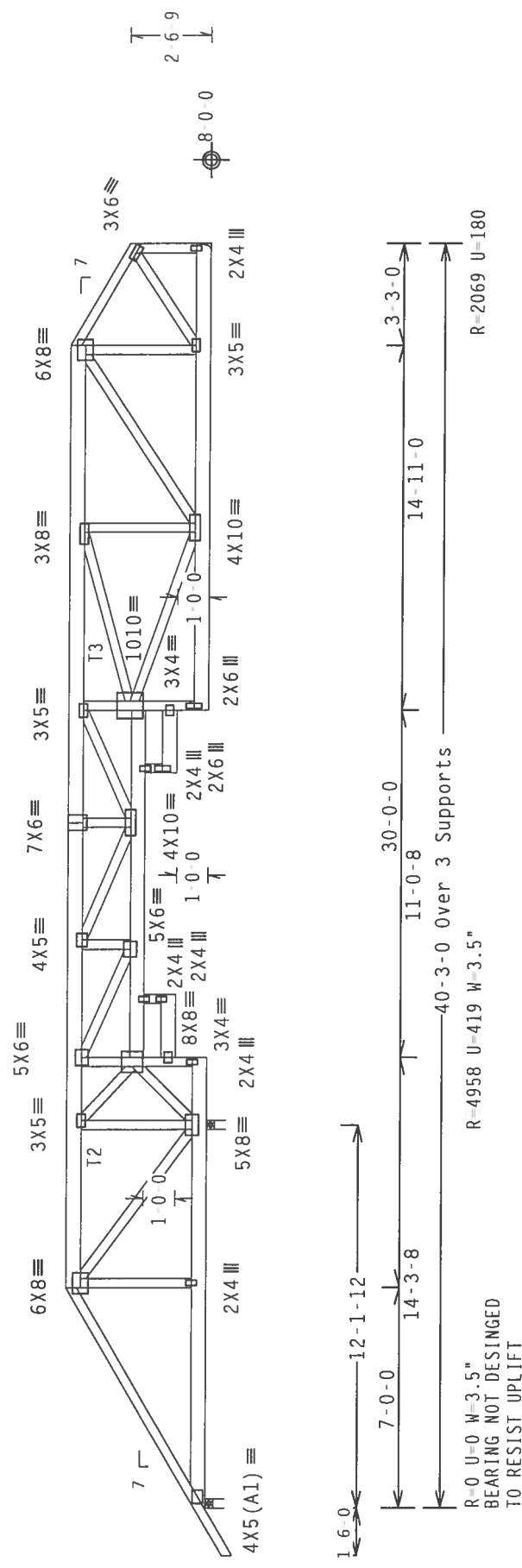
2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun_nails)
Top Chord: 1 Row @6.00" O.C.
Bot Chord: 1 Row @12.00" O.C.
Webs : 1 Row @ 4" O.C.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Right end vertical not exposed to wind pressure.

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

The overall height of this truss excluding overhang is 4-5-5.



PLT TYP. Wave\R

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1238

Scale = .1875"/Ft.

TC LL	20.0 PSF	REF	R215--	45506
TC DL	10.0 PSF	DATE	06/05/06	
BC DL	10.0 PSF	DRW	HCUSR215	06156057
BC LL	0.0 PSF	HC-ENG	EC/ADR	
TOT.LD.	40.0 PSF	SEQN-	118206	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1SXT215_Z01	

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

WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. (SEE COMMENTS FOR INFORMATION). PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFIO DR., SUITE 200, MADISON, WI 53715) AND ALPINE ENGINEERED PRODUCTS, INC., HAINES CITY, FL 33844. 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 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 (M-H/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-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

QTY:1 FL/-/5/-/R/-

Jun 05 '06

STATE OF FLORIDA
PROFESSIONAL ENGINEER
LICENSE
56761

	Top chord	2x4	SP	#2	N	:T2	2x6	SP	#2	N:
Bot chord	2x6	SP	#2	N						
webs	2x4	SP	#2	N						

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

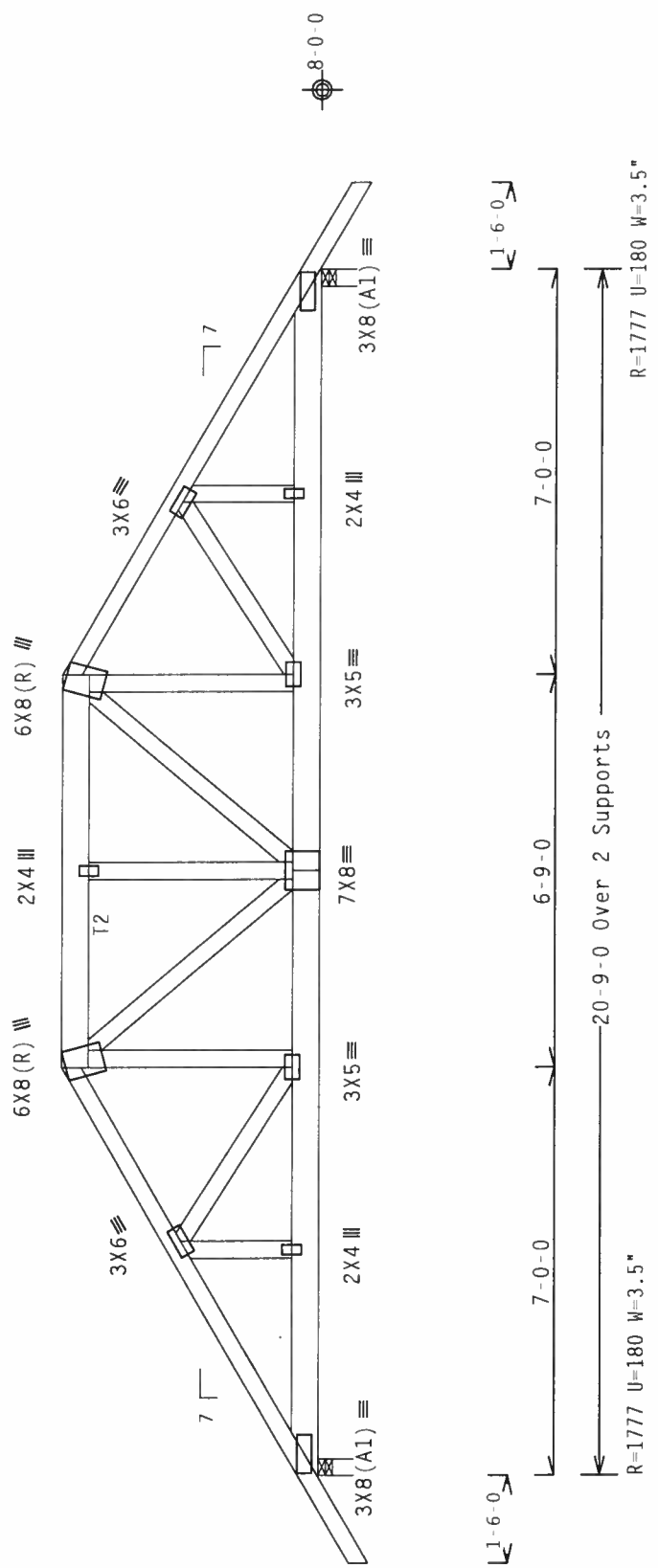
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Plates sized for a minimum of 3.00 sq.in./piece.

#1 hip supports 7-0-0 jacks w/2 panel TC and no end vert.

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

The overall height of this truss excluding overhang is 4-5-5.

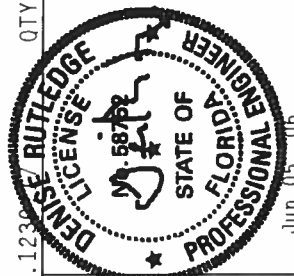


PLT TYP.	Wave\ R	Design Crit: TPI-2002(STD)/FBC	Cq/RT=1.00(1.25)/

QTY: 1 FL / - 5 / - - / R / - Scale = .3125" / Ft.

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

*****IMPORTANT***** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE CONTRACTOR 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 CONTRACTOR. THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF INTERNATIONAL DESIGN SPEC. BY ALLOWING THE CONNECTOR PLATES TO BE MADE OF 20/10/16GA (0.0153X) ASTM A663 GRADE 40/60 (A, K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND (WHY/USE) LOCATED ON DESIGN PER DRAWINGS 1604-2. 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 ANNEX 1 SEC. 2.



Haines City, FL 33844
FL Certificate of Authorization # 567

(3588 /Lot #13 Lake Jeffery /Concept Construction of N -- LAKE CITY, FL - B2)

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

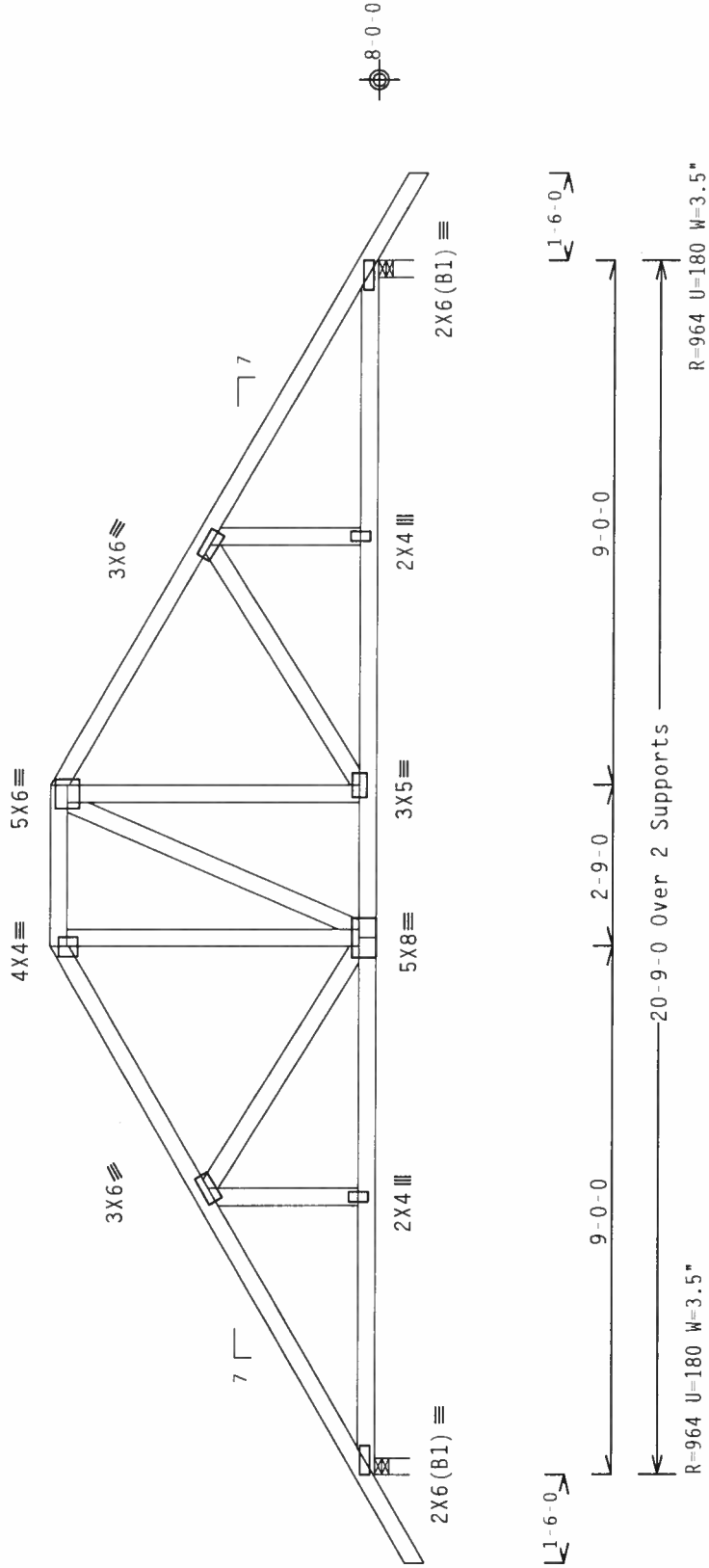
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

The overall height of this truss excluding overhang is 5-7-5.

Plates sized for a minimum of 3.00 sq.in./piece.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave\R	ALPINE Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844 FL Certificate of Authorization # 557	Cq/RT=1.00(1.25)/10(0) 7.24.1230	QTY:1	FL/-/5/-/R/-	Scale = .3125"/Ft.	REF	R215 --	45508
						DATE	06/05/06	
						DRW	HCUSR215	06156026
						HC-ENG	EC/ADR	*
						SEQN-	116827	
						FROM	CDM	
						JREF-	1SXT215	Z01
						SPACING	24.0"	



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESS 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 593 MADISON, MI 48370) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE OPERATIONS. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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

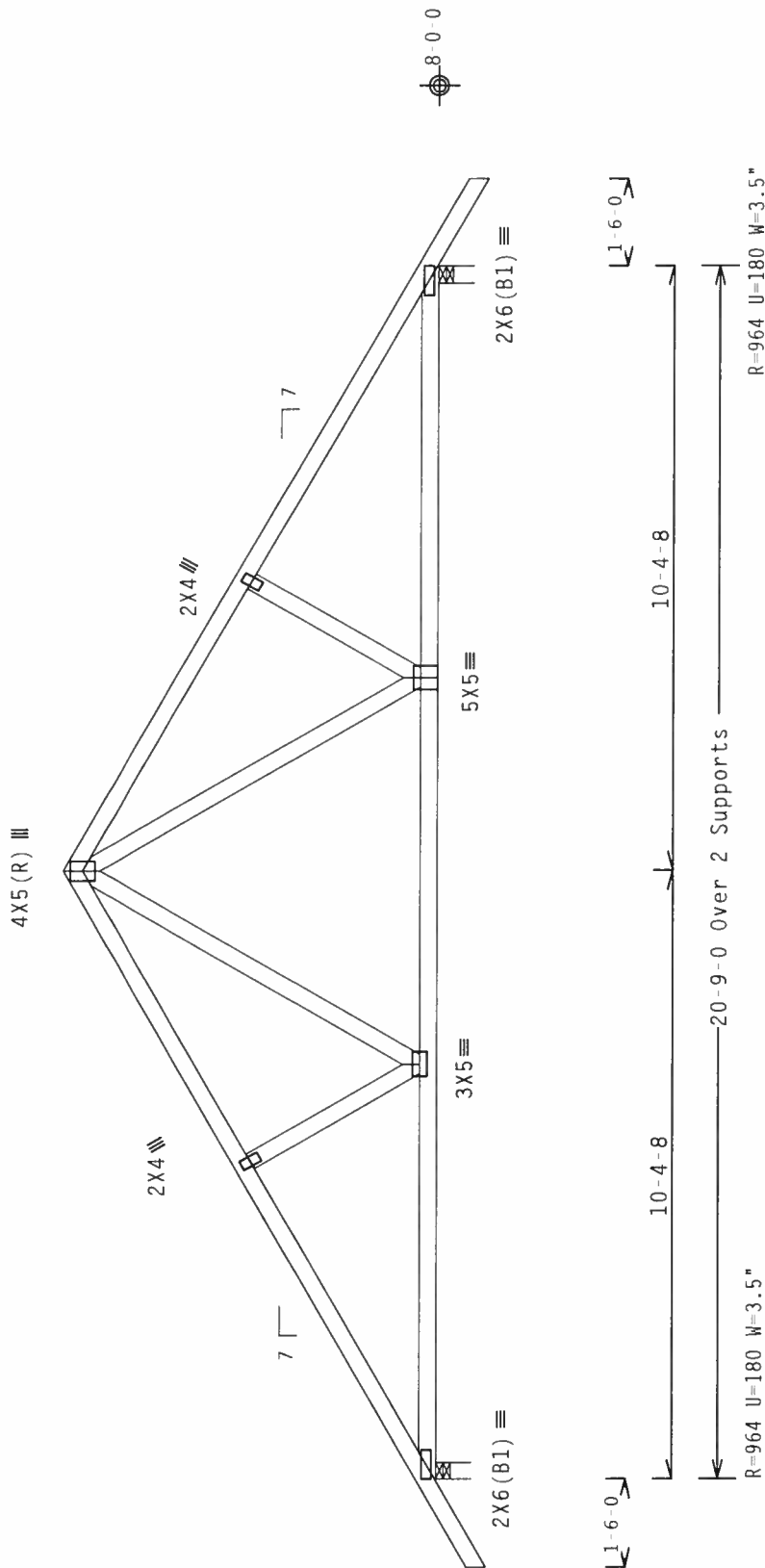
	Top	chord	2x4	SP	#2	N
	Bot	chord	2x4	SP	#2	N
		Webb	2x4	SP	#2	N

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

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

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 6-4-15.



PLT TYP. Wave\R

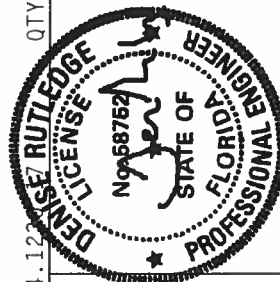
Design Crit: TPI-2002(STD)/FBC

$$Ca/RT=1.00(1.25)/10(0) \quad 7.24.123$$

QTY:1 FI / - / 5 / - / - / R / - /

Scale = .3125"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESS 1-800 (BUILDING COMFORT) FOR SAFETY INFORMATION, PUBLISHED BY IPI (IRVING PULP & PAPER INSTITUTE, 583 MILL ST., WILMINGTON, DE 19801) OR THE NATIONAL TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN WISCONSIN, CONTACT THE WISCONSIN TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN MINNESOTA, CONTACT THE MINNESOTA TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN ILLINOIS, CONTACT THE ILLINOIS TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN OHIO, CONTACT THE OHIO TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN MICHIGAN, CONTACT THE MICHIGAN TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN INDIANA, CONTACT THE INDIANA TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN KENTUCKY, CONTACT THE KENTUCKY TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN TENNESSEE, CONTACT THE TENNESSEE TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN MISSISSIPPI, CONTACT THE MISSISSIPPI TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN ALABAMA, CONTACT THE ALABAMA TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN ARIZONA, CONTACT THE ARIZONA TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN CALIFORNIA, CONTACT THE CALIFORNIA TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN COLORADO, CONTACT THE COLORADO TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN CONNECTICUT, CONTACT THE CONNECTICUT TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN DELAWARE, CONTACT THE DELAWARE TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN FLORIDA, CONTACT THE FLORIDA TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN GEORGIA, CONTACT THE GEORGIA TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN HAWAII, CONTACT THE HAWAII TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN ILLINOIS, CONTACT THE ILLINOIS TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN INDIANA, CONTACT THE INDIANA TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN IOWA, CONTACT THE IOWA TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN KANSAS, CONTACT THE KANSAS TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN KENTUCKY, CONTACT THE KENTUCKY TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN LOUISIANA, CONTACT THE LOUISIANA TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN MAINE, CONTACT THE MAINE TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN MARYLAND, CONTACT THE MARYLAND TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN MASSACHUSETTS, CONTACT THE MASSACHUSETTS TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN MICHIGAN, CONTACT THE MICHIGAN TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN MINNESOTA, CONTACT THE MINNESOTA TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN MISSISSIPPI, CONTACT THE MISSISSIPPI TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN MISSOURI, CONTACT THE MISSOURI TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN MONTANA, CONTACT THE MONTANA TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN NEBRASKA, CONTACT THE NEBRASKA TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN NEVADA, CONTACT THE NEVADA TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN NEW HAMPSHIRE, CONTACT THE NEW HAMPSHIRE TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN NEW JERSEY, CONTACT THE NEW JERSEY TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN NEW YORK, CONTACT THE NEW YORK TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN NORTH CAROLINA, CONTACT THE NORTH CAROLINA TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN NORTH DAKOTA, CONTACT THE NORTH DAKOTA TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN OHIO, CONTACT THE OHIO TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN OKLAHOMA, CONTACT THE OKLAHOMA TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN OREGON, CONTACT THE OREGON TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN PENNSYLVANIA, CONTACT THE PENNSYLVANIA TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN RHODE ISLAND, CONTACT THE RHODE ISLAND TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN SOUTH CAROLINA, CONTACT THE SOUTH CAROLINA TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN SOUTH DAKOTA, CONTACT THE SOUTH DAKOTA TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN TENNESSEE, CONTACT THE TENNESSEE TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN TEXAS, CONTACT THE TEXAS TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN UTAH, CONTACT THE UTAH TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN VERMONT, CONTACT THE VERMONT TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN VIRGINIA, CONTACT THE VIRGINIA TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN WASHINGTON, CONTACT THE WASHINGTON TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN WEST VIRGINIA, CONTACT THE WEST VIRGINIA TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN WISCONSIN, CONTACT THE WISCONSIN TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN WYOMING, CONTACT THE WYOMING TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN ALASKA, CONTACT THE ALASKA TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136. IN HAWAII, CONTACT THE HAWAII TRUSS MANUFACTURERS ASSOCIATION, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136.

[illegible]

Haines City, FL 33844
FL Certificate of Authorization # S67

20

11715

Jun 05 '06

2A 0H

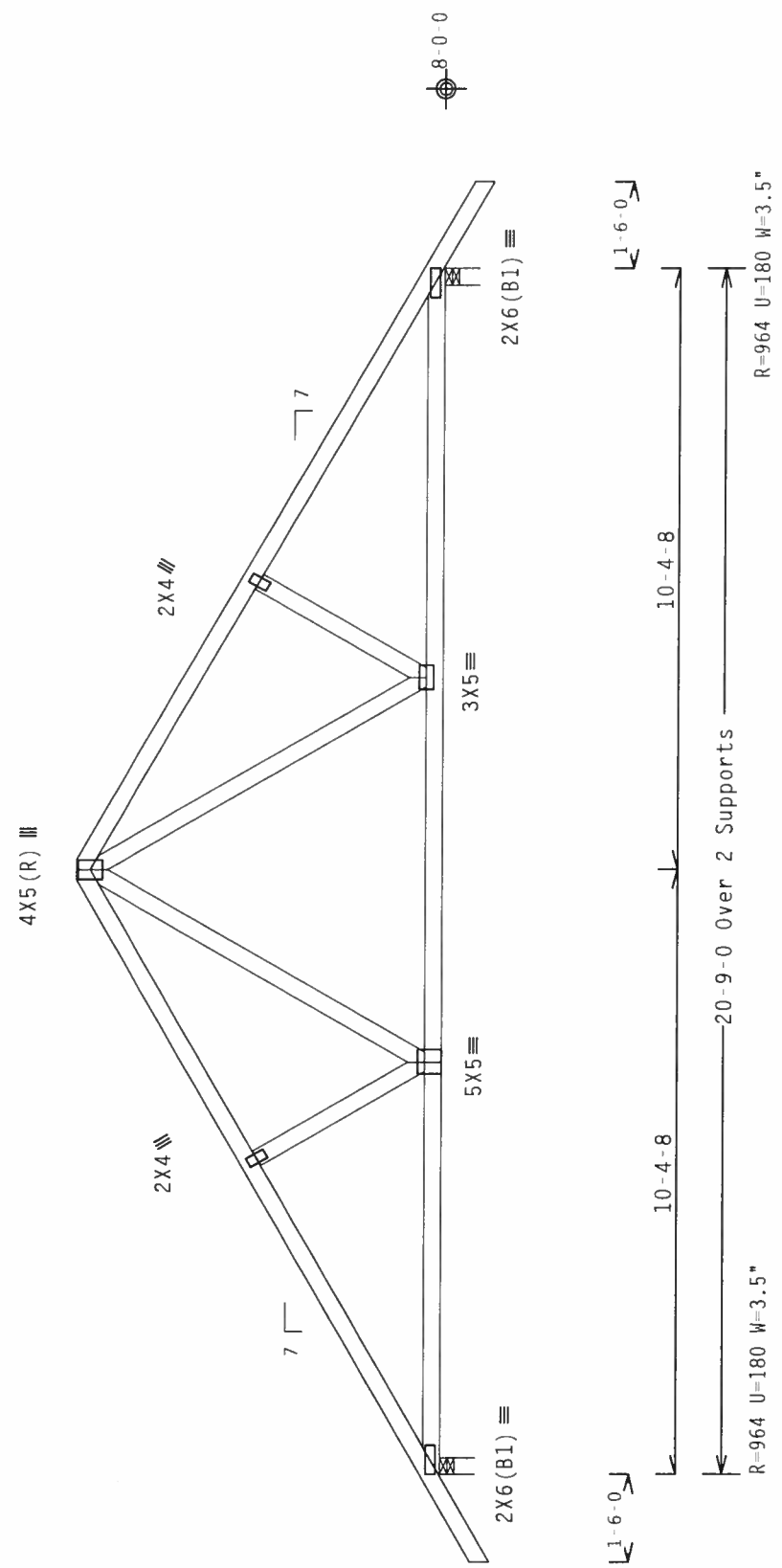
10000 100000 200000

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

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

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

The overall height of this truss excluding overhang is 6-3-12.



PLT TYP. Wave\R

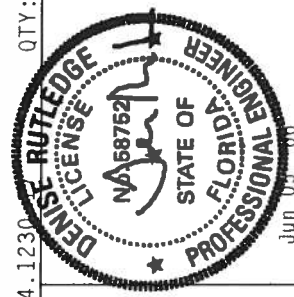
Design Crit: $\text{TPI-2002(STD)}/\text{FBC}$
 $\text{Ca}/\text{RT}=1.00(1.25)/$

7.24.1230

QTY:1 EL/-/5/-/-/R/-/

$$\text{Scale} = 3125"/\text{Foot}$$

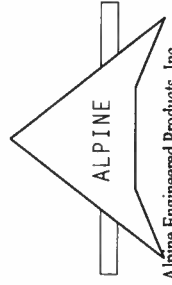
TC LL	20.0	PSF	REF	R215 -	45510
TC DL	10.0	PSF	DATE	06/05/06	
BC DL	10.0	PSF	DRW	HCUSR215	06156042
BC LL	0.0	PSF	HC-ENG	EC/ADR	*
TOT.LD.	40.0	PSF	SEQN-	116835	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1SXT215_Z01	



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 103 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 543 O'DONNOR DR., SUITE 200, MADISON, WI 53719) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6200 ENTERPRISE LN., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

***IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPHINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC. (AISC) DESIGN GUIDE 1, "DESIGN OF PLATES FOR CONNECTIONS TO STEEL SHAPES". ANY FAILURE TO BUILD THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC. (AISC) DESIGN GUIDE 1, "DESIGN OF PLATES FOR CONNECTIONS TO STEEL SHAPES".

CONNECTION PLATES ARE MADE OF 20/18/16GSA (IN 1/2X1/4) ASTM A572 GRADE 50/60 (IN 1/2X1/4) GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND, WHEN OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792,



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

(3588 /Lot #13 Lake Jeffery /Concept Construction of N - LAKE CITY, FL - B5)

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

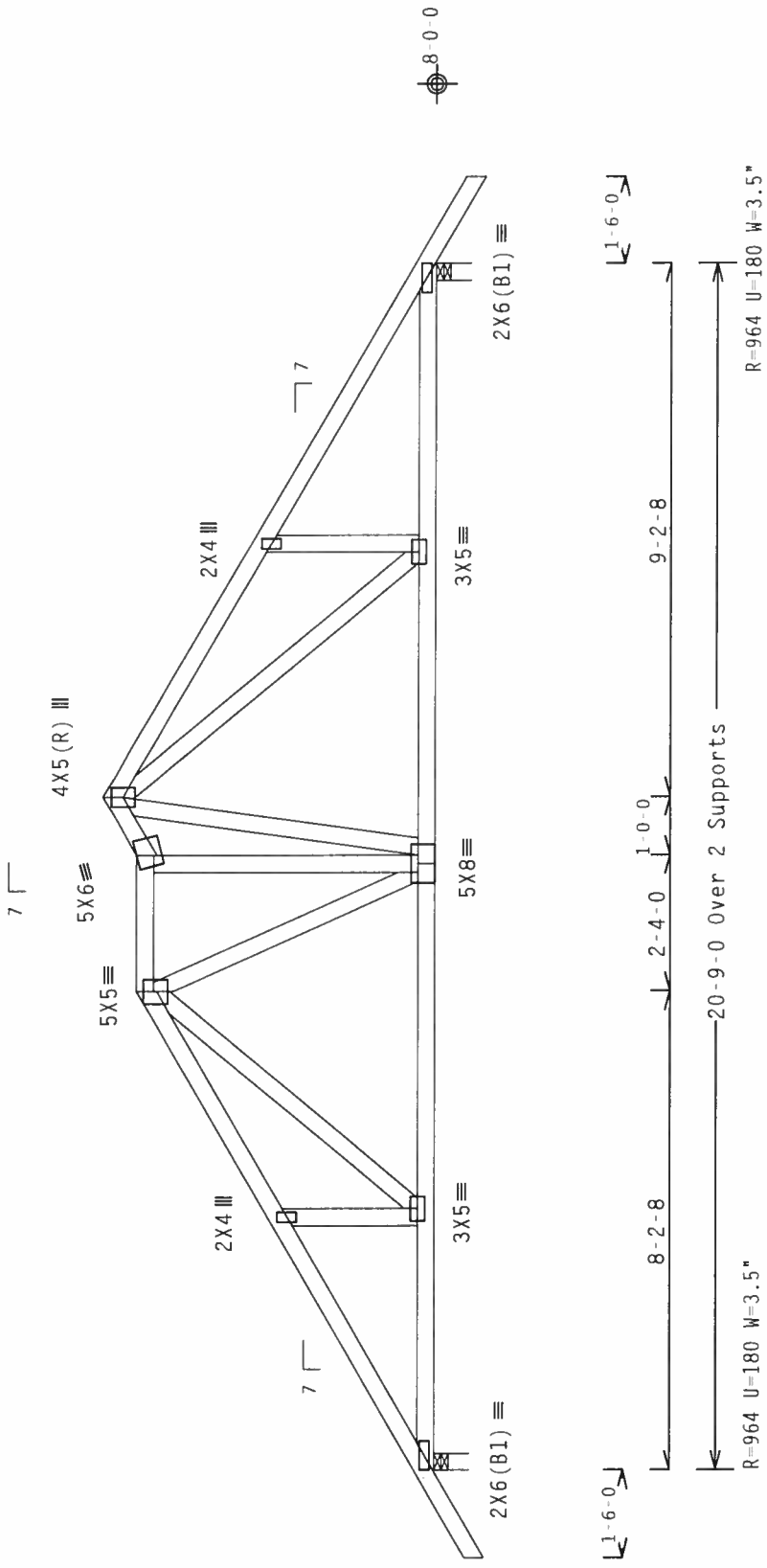
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

The overall height of this truss excluding overhang is 5-8-12.

Plates sized for a minimum of 3.00 sq.in./piece.



PLT TYP. Wave\R Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 7.24.1230 QTY:1 FL/-/5/-/-/R/- Scale = .3125"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. 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 AITPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2010/16GA (M/H/S/K) ASTM A653 GRADE 40/60 (M, K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT MANUFACTURED BY ALPINE ENGINEERED PRODUCTS, INC. THE USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

****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 AITPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2010/16GA (M/H/S/K) ASTM A653 GRADE 40/60 (M, K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT MANUFACTURED BY ALPINE ENGINEERED PRODUCTS, INC. THE 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

Jun 03, 2008

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

REF	R215--	45511
DATE	06/05/06	
DRW	HCUSR215	06156038
HC-ENG	EC/ADR	*
SEQN-	116839	
FROM	CDM	
JREF-	1SXT215	Z01

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

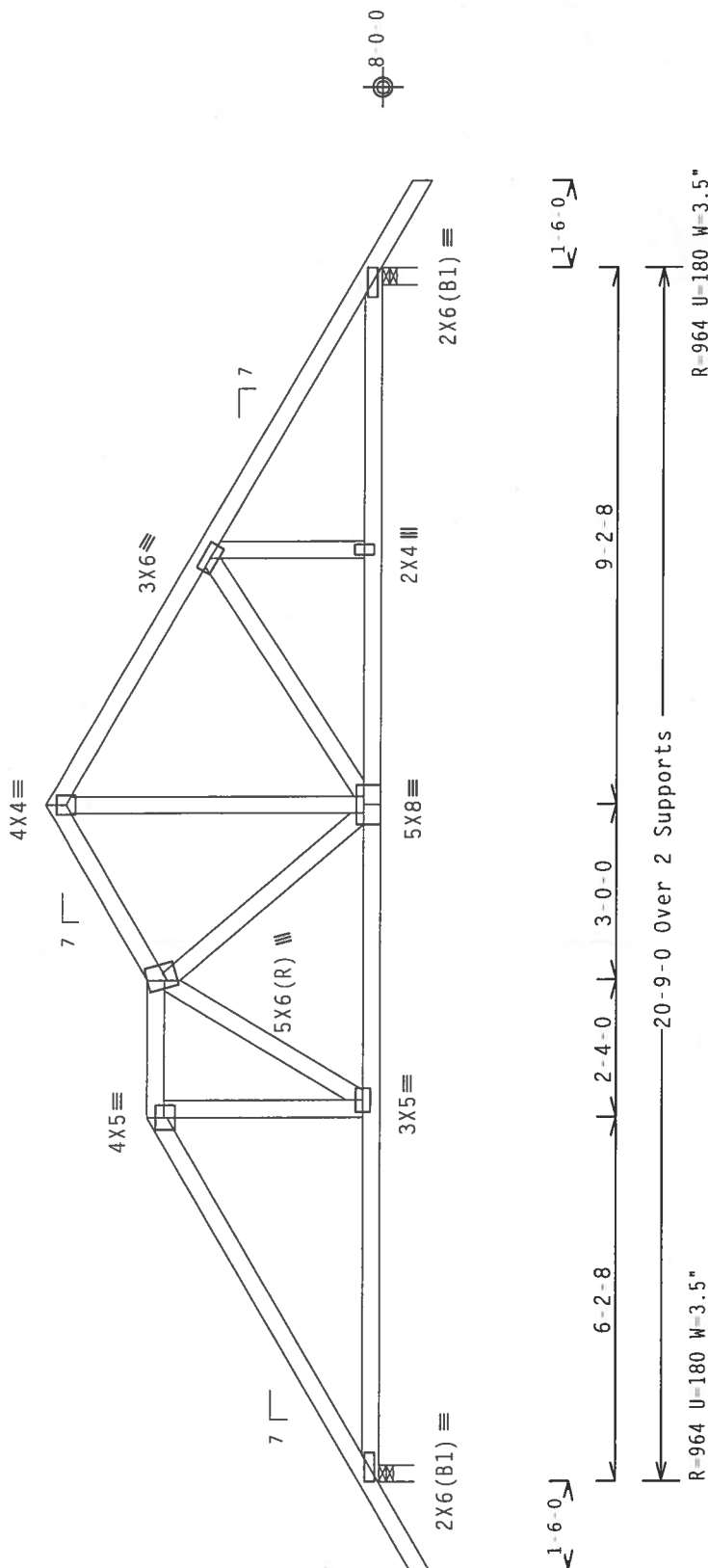
110 mph wind, 15.00 ft mean ht, ASCE 7-02, CLOSED bldg, not
located within 4.50 ft from roof edge, CAT II, EXP B, wind TC
DL-5.0 psf, wind BC DL-5.0 psf.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

Plates sized for a minimum of 3.00 sq. in./piece.

The overall height of this truss excluding overhang is 5-8-12.



PLT TYP. Wave\ R

Design Crit: TPI-2002(STD)/FBC

7.24.1230

QTY:1 FL/-/5/-/-/R/-

Scale = .3125"/Ft.

EF R215-- 45512

DATE 06/05/06

RW HCUSR215 06156035

C-ENG EC/ADR

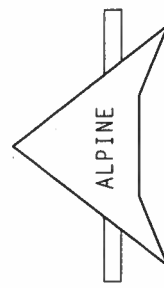
EON- 116843

ROM CDM

REF- 1SXT215 701

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO THE FOLLOWING INFORMATION, PUBLISHED BY THE TRUSS PANEL INSTITUTE, 383 S. CONCORD DR., SUITE 200, MADISON, WI 53719, AND THE TRUSS PANEL INSTITUTE OF AMERICA, 6500 ENTERPRISE LN., SUITE 100, 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 PROPERLY ATTACHED TOP CHORD CELLS.

*** IMPORTANT:** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERS & ARCHITECTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TP1; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, OR DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (MATERIAL DESIGN SPEC., BY A570) AND TP1. ALL PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, TOP PER DRAININGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF TP11 2002-SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT OF THIS DESIGN, THE SEAL OF THIS CONTRACT FOR ANY BUILDING IS NOT VALID. THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEX A OF TP11 1 SEC. 2.



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

FL. Certificate of Authorization # 567
Tallahassee City, FL 32304

(3588 /Lot #13 Lake Jeffery /Concept Construction of N -- LAKE CITY, FL - B7)

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

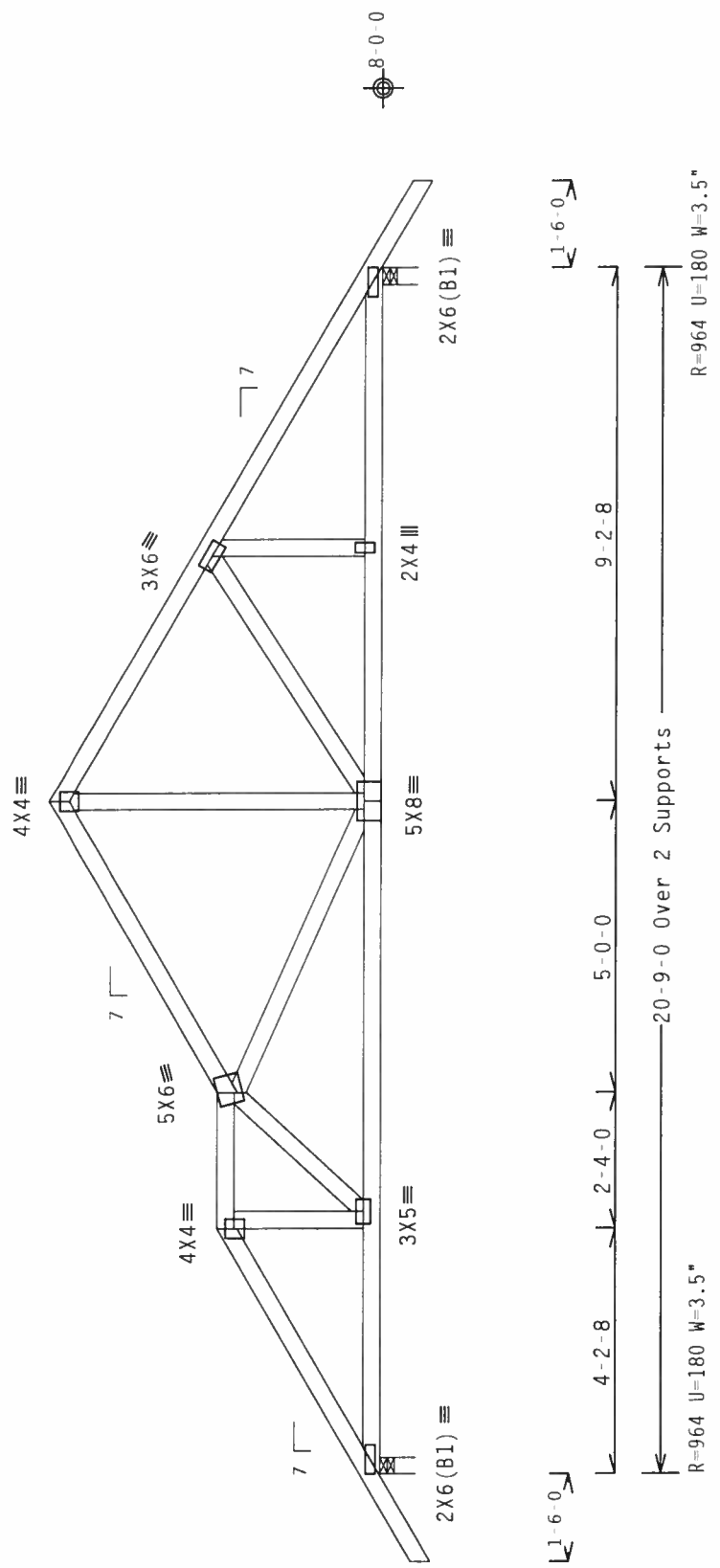
110 mph wind, 15.00 ft mean ht, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP 8, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

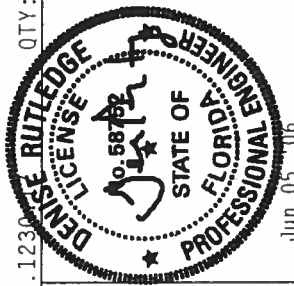
Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 5-8-12.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.12300

Scale = .3125"/Ft.
REF R215 -- 45513
DATE 06/05/06
DRW HCUSR215 06156034
HC-ENG EC/ADR
SEQN- 116847
FROM CDM
JREF- 1SXT215_Z01



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSS 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 MADISON, WI 53719), FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY ACAPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (4-11/16" X 5/8") ASTM A653 GRADE 40/60 (4, 6/16.5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT FABRICATOR'S USE. THIS SIGNATURE AND SEAL ARE NOT VALID FOR ANY OTHER USE. THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 7.

Alpine Engineered Products, Inc.
1950 Marley Drive
Tallahassee, FL 32304
FL Certificate of Authorization # 567

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

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

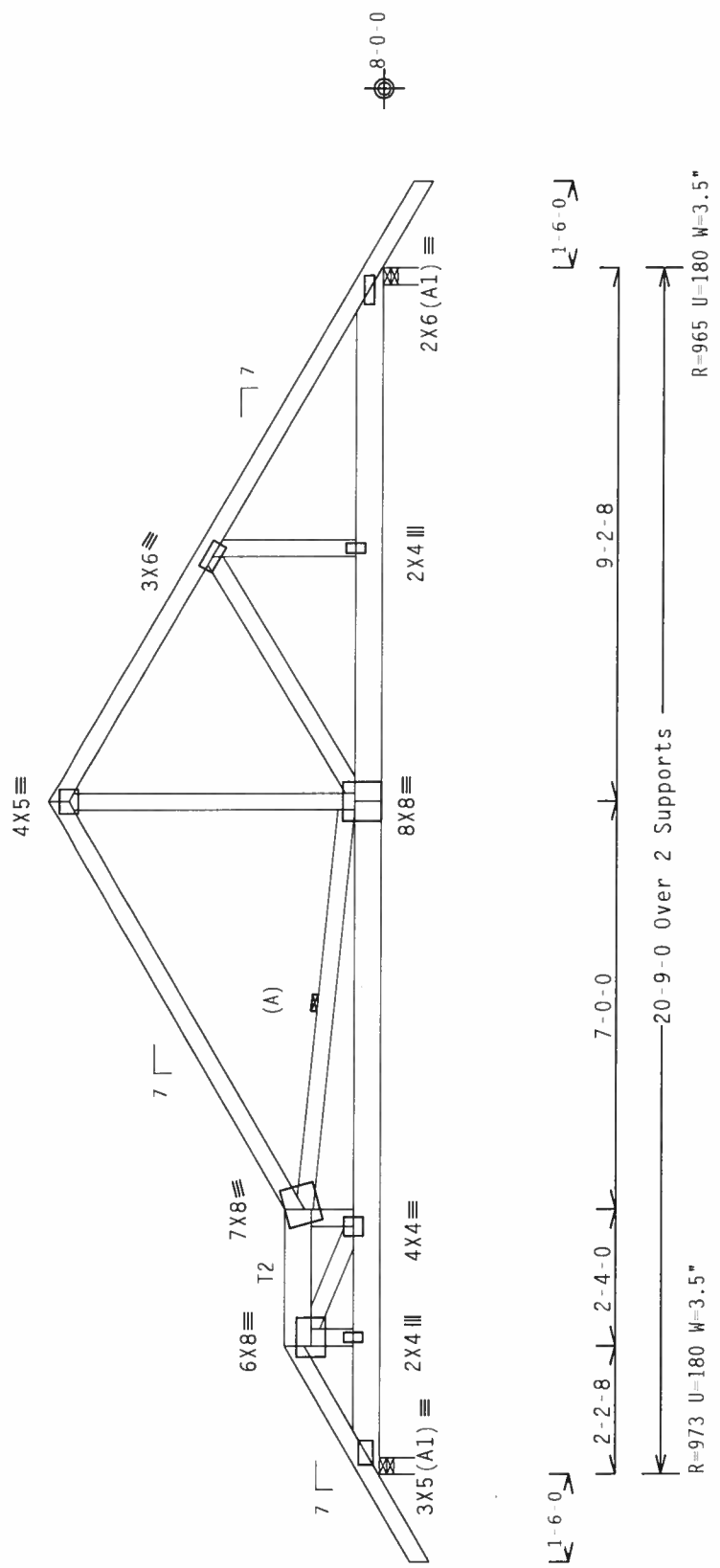
(A) Continuous lateral bracing equally spaced on member.
Deflection meets L/360 live and L/240 total load.
Plates sized for a minimum of 3.00 sq.in./piece.
LOADING HAS BEEN CALCULATED BY THE TRUSS MANUFACTURER. IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO VERIFY AND APPROVE THE LOADING.

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 63 PLF at -1.50 to 63 PLF at 22.25
BC - From 5 PLF at -1.50 to 5 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 20.75
TC - From 5 PLF at 20.75 to 5 PLF at 22.25
TC - 14 LB Conc. Load at 2.21
BC - 4 LB Conc. Load at 2.21

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

The overall height of this truss excluding overhang is 5-8-12.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave\R

ALPINE

Alpine Engineered Products, Inc.
11950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

QTY:1

FL / - / 5 / - / R / -

Scale = .3125" / Ft.

REF	R215 - -	45514
DATE	06/05/06	
DRW	HCUSR215	06156031
HC-ENG	EC/ADR	
SEQN	116851	
FROM	CDM	
JREF	1SXT215	Z01

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0) 7.24.123

TC LL 20.0 PSF

TC DL 10.0 PSF

BC DL 10.0 PSF

BC LL 0.0 PSF

TOT.LD. 40.0 PSF

DUR.FAC. 1.25

SPACING 24.0"

ALPINE ENGINEERED PRODUCTS, INC. 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 ACPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/166A (4-H/57K) ASTM A653 GRADE 40/60 (4- F/N-5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY RESPECT OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS ANNEX HAS PLACED THE SUFFICIENCY OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY ACPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/166A (4-H/57K) ASTM A653 GRADE 40/60 (4- F/N-5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY RESPECT OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS ANNEX HAS PLACED THE SUFFICIENCY OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

PLT TYP. Wave\R

ALPINE

Alpine Engineered Products, Inc.
11950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

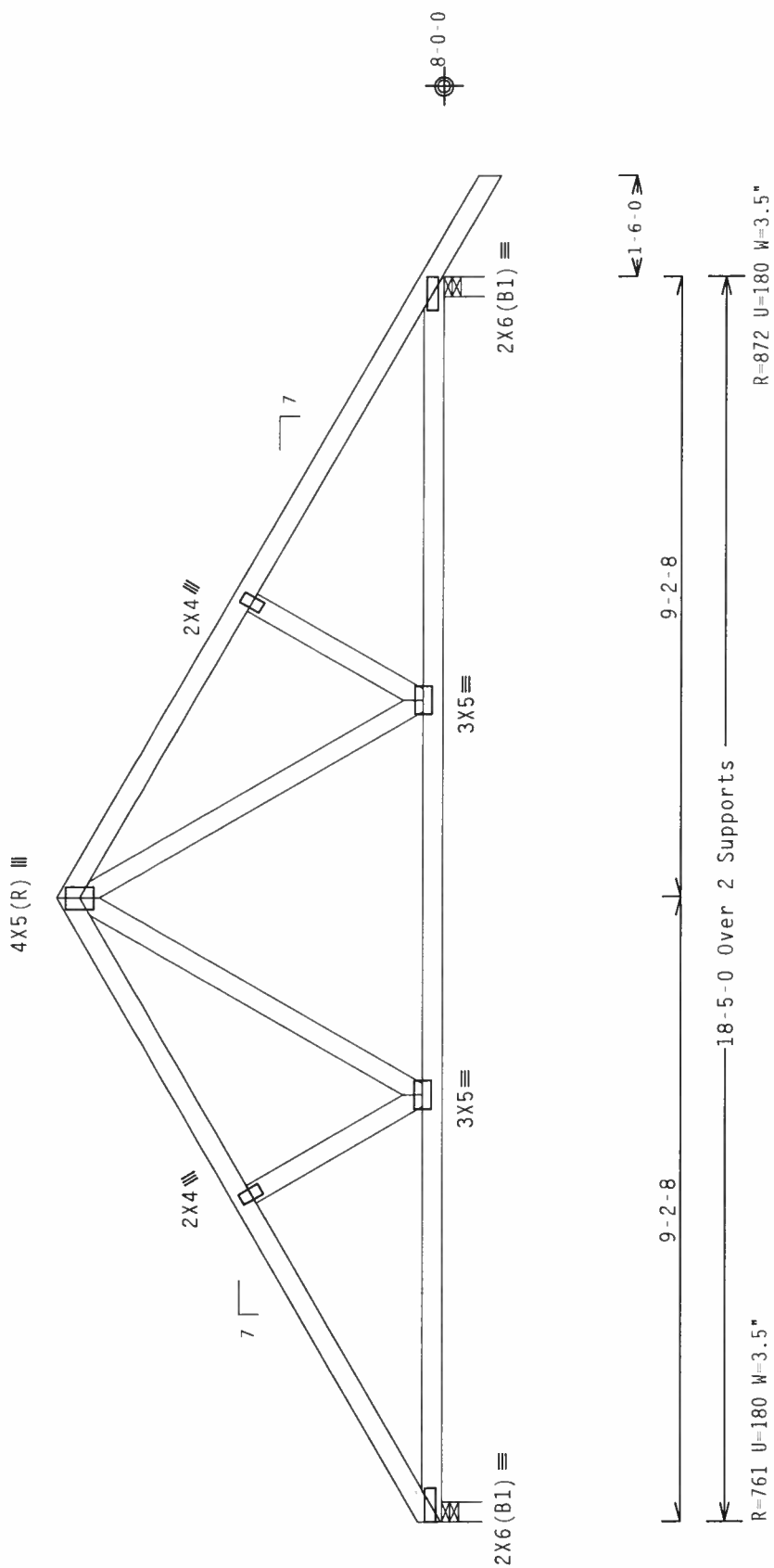
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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

Plates sized for a minimum of 3.00 sq.in./piece.

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

The overall height of this truss excluding overhang is 5-8-12.



PLT TYP. Wave\R

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1230

Scale = .375"/Ft.

QTY:1	FL/-/5/-/R/-	REF	R215--	45515
TC LL	20.0 PSF	DATE	06/05/06	
TC DL	10.0 PSF	DRW	HCUSR215	06156033
BC DL	10.0 PSF	HC-ENG	EC/ADR	*
BC LL	0.0 PSF	SEQN	118139	
TOT.LD.	40.0 PSF	FROM	CDM	
DUR.FAC.	1.25	JREF	1SXT215_Z01	
SPACING	24.0"			

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

ENGINEERED CONTRACTOR
DENISE RUTLEDGE
LICENSE
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Jun 03 '00

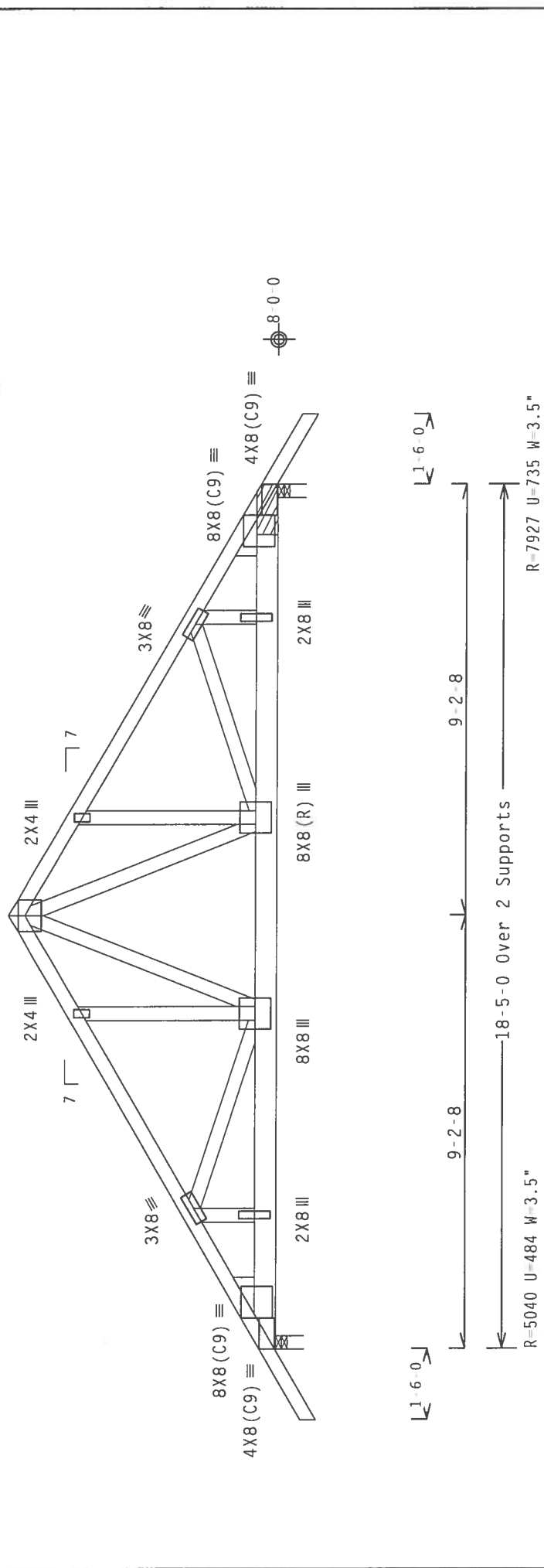
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (4-11/16) ASTM A653 GRADE 40/60 (4, 6/8, 5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT OF THIS BUILDING. THE ACCEPTANCE 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 2x6 SP SS
Webs 2x4 SP #2 N
:lt Wedge 2x6 SP #2 N::Rt Wedge 2x6 SP #2 N:

SPECIAL LOADS
----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 63 PLF at 1.50 to 63 PLF at 19.92
BC - From 5 PLF at 1.50 to 5 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 18.42
BC - From 5 PLF at 18.42 to 5 PLF at 19.92
BC - 2929 LB Conc. Load at 7.13
BC - 1610 LB Conc. Load at 9.06
BC - 1673 LB Conc. Load at 11.06, 13.06, 15.06, 17.06

Deflection meets L/360 live and L/240 total load.
The overall height of this truss excluding overhang is 5-8-12.

Plates sized for a minimum of 3.00 sq.in./piece.



PLT TYP. Wave\|R

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1230

Scale = .3125"/Ft.

REF	R215--	45516
DATE	06/05/06	
DRW	HCUSR215	06156053
HC-ENG	EC/ADR	
SEQN-	116763	REV
FROM	CDM	
JREF-	1SXT215	Z01

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

DEMOISE RUTLEDGE
LICENSE
No. 58762
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Jun 05 '06

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLATION AND BRACING. (SEE TPI-2002(STD) FOR MORE INFORMATION). PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 593 REVERSHOPE RD., SUITE 200, MADISON, WI 53719. ANY DEVIATION FROM THE TPI DESIGN SPECIFICATIONS, MODIFICATION, OR 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 IBCS (NATIONAL DESIGN SPEC. BY AISC) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (4-H/5/8) ASTM A653 GRADE 40/60 (IN. K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 16GA 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) 13. A SEAL ON THIS DESIGN INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN. THE SIGNATURE 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

Plates sized for a minimum of 3.00 sq.in./piece.

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.

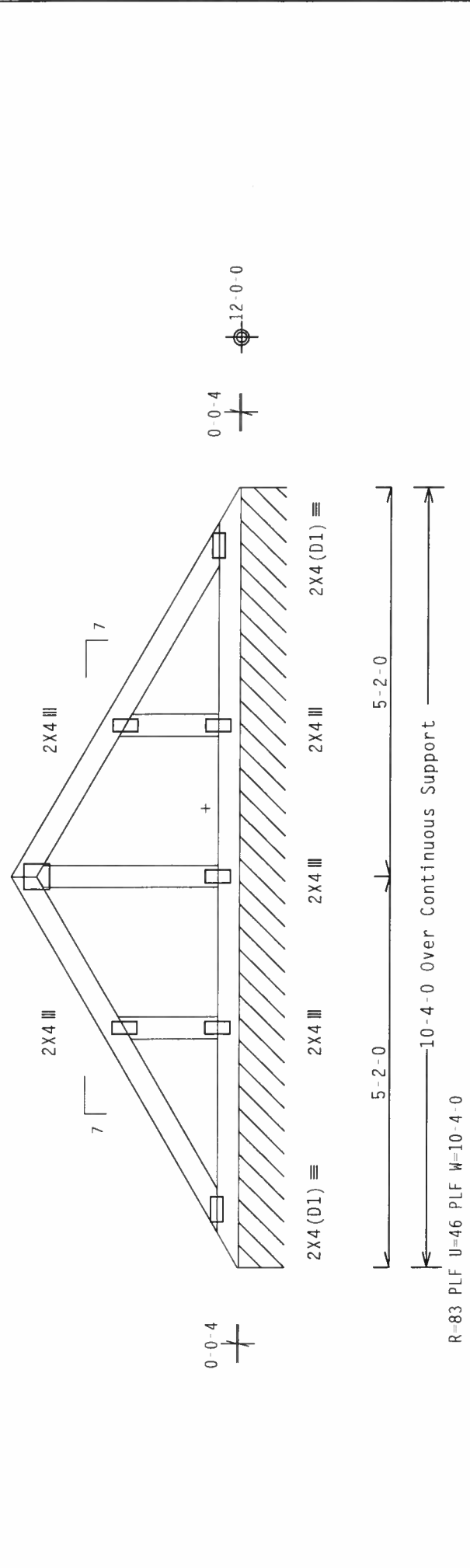
+ MEMBER TO BE Laterally Braced for Horizontal Wind Loads. BRACING SYSTEM TO BE DESIGNED AND FURNISHED BY OTHERS.

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

See DWGS A11015EE0405 & GBLLEIIN0405 for more requirements.

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

The overall height of this truss excluding overhang is 3-0-7.



PLT TYP. Wave\R

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

QTY: 1

Scale = 5"/Ft.

	TC LL	20.0 PSF	REF	R215 - 45517
	TC DL	10.0 PSF	DATE	06/05/06
	BC DL	10.0 PSF	DRW	HCUSR215 06156018
	BC LL	0.0 PSF	HC-ENG	EC/ADR
	TOT.LD.	40.0 PSF	SEON	118094
	DUR.FAC.	1.25	FROM	CDM
SPACING		24.0"	JREF	1SXT215_Z01

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI, 1000 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 905 (NATIONAL DESIGN SPEC. BY AIA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (40/16/5/8) ASTM A653 GRADE 40/60 (IN. K/H/S) GALV. STEEL. APPLY ANY SPECIFIC NOTES TO THIS TRUSS AND BY THE INSTALLATION CONTRACTOR. A SEAL OR THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE DESIGN. THE BUILDING DESIGNER SHALL HAVE THE SUFFICIENCY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

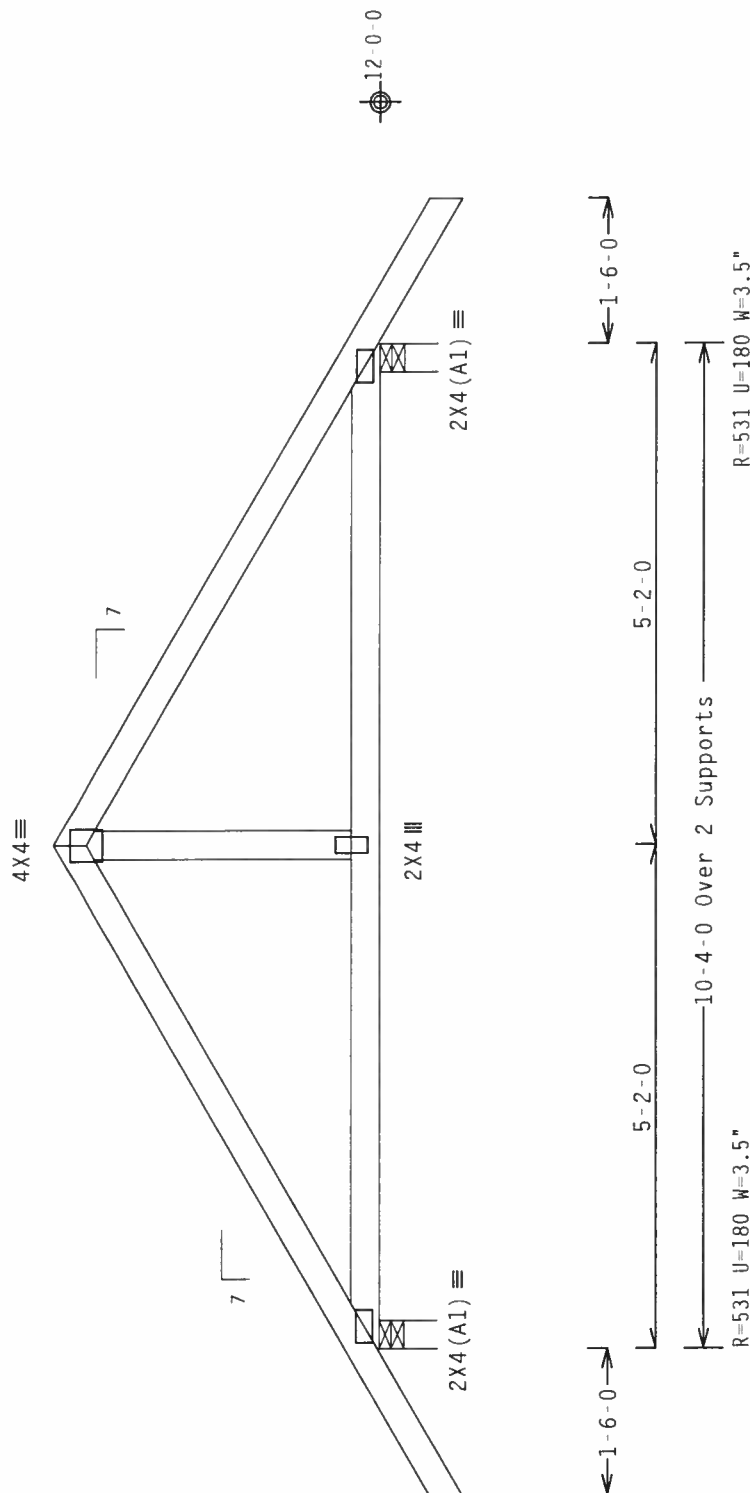
Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	Webs	2x4	SP	#2	N

1110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 3-4-7.



PLT TYP. Wave\R

Design Crit: TPI-2002(STD)/FBC $Cq/RT=1.00(1.25)/10(0) \quad 7.24.1230$

QTY:2 FL/-/5/-/-/R/-

Scale = .5"/Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, MARKING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSP 1100 BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE TRUSS PLAIN INSTITUTE, 600 CONVENT DR., SUITE 200, MADISON, WI 53719, AND NETA WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE BLVD., MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

TC LL	20.0 PSF	REF	R215 - - 45518
TC DL	10.0 PSF	DATE	06/05/06

IMPORTANT-FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS TO THE DESIGN REQUIREMENTS WILL BE AT THE USER'S RISK. THE USER IS ALLOWING THE USE OF TRUSSING SYSTEMS WITH CONNECTION PLATES MADE OF 2018/16GA (.0145) S&W ASH A663 GRADE 40/60 (IN. K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 16GA-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEAL A3 OF IP11 2009 SEC.3.

The user is assuming engineering responsibility solely for the truss component design shown herein. The suitability and use of this content for any building is the responsibility of the building designer per ANSI/AP1 1 SEC.-2.

BC DL	10.0	PSF	DRW	HCUSR215	06156019
BC LL	0.0	PSF	HC-ENG	EC/ADR	
TOT.LD.	40.0	PSF	SEQN-	118097	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		DEE-	15VITILE	701



Alpine Engineered Products, Inc.

1950 Marley Drive
Haines City, FL 33844

FL Certificate of Authorization # 567
Haines City, FL 33844

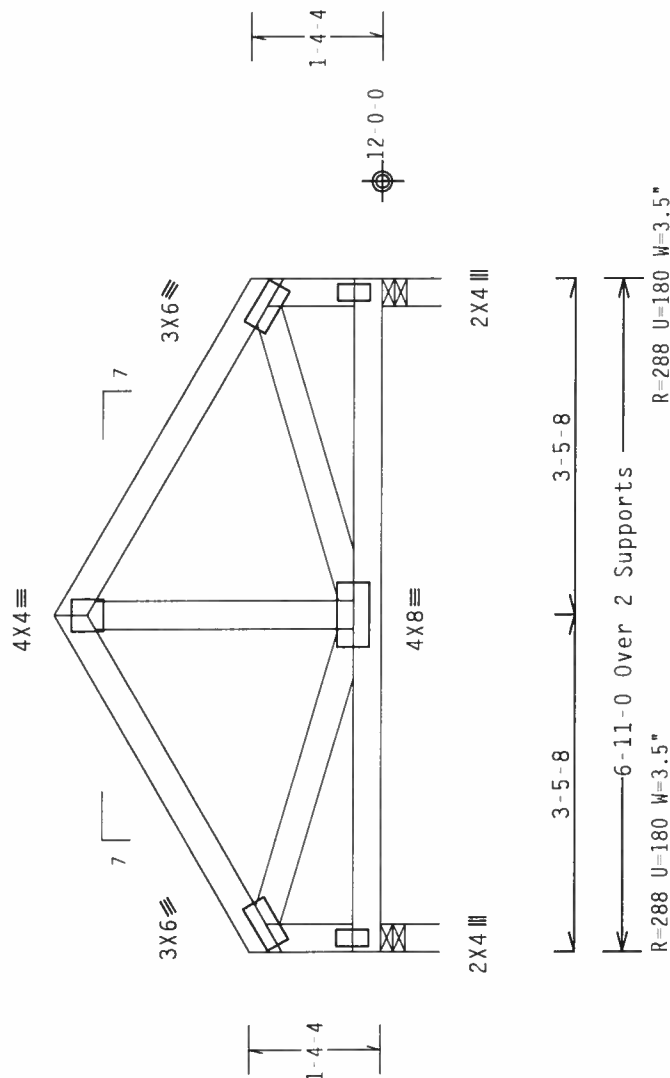
Top chord	2x4	SP	#2 N
Bot chord	2x4	SP	#2 N
Web	2x4	SP	#2 N

1110 mph wind, 15.00 ft mean ht, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

Plates sized for a minimum of 3.00 sq. in./piece.

The overall height of this truss excluding overhang is 3'-4"-7."



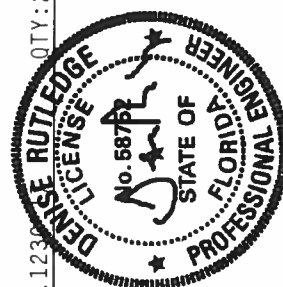
PLT TYP. Wave\R

Design Crit: TPI-2002(STD)/FBC

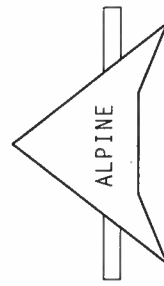
 $Cg/RT=1.00(1.25)/10(0)$ 7.24.1230

Scale = .5"/Ft.

TC LL	20.0 PSF	REF	R215 --	45519
TC DL	10.0 PSF	DATE	06/05/06	
BC DL	10.0 PSF	DRW	HCUSR215	06156022
BC LL	0.0 PSF	HC-ENG	EC/ADR	*
TOT.LD.	40.0 PSF	SEQN-	118100	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1SXT215_Z01	



Jun 05 '06



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

El Certificate of Authorization # 567
Haines City, FL 33844

Top chord 2x4 SP #2 N :T2 2x6 SP #2 N:
Bot chord 2x6 SP #2 N
Webs 2x4 SP #2 N
:Rt Bearing Leg 2x6 SP #2 N:

Left end vertical not exposed to wind pressure.

#1 hip supports 3-0-0 jacks W/2 panel TC and no end vert.

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

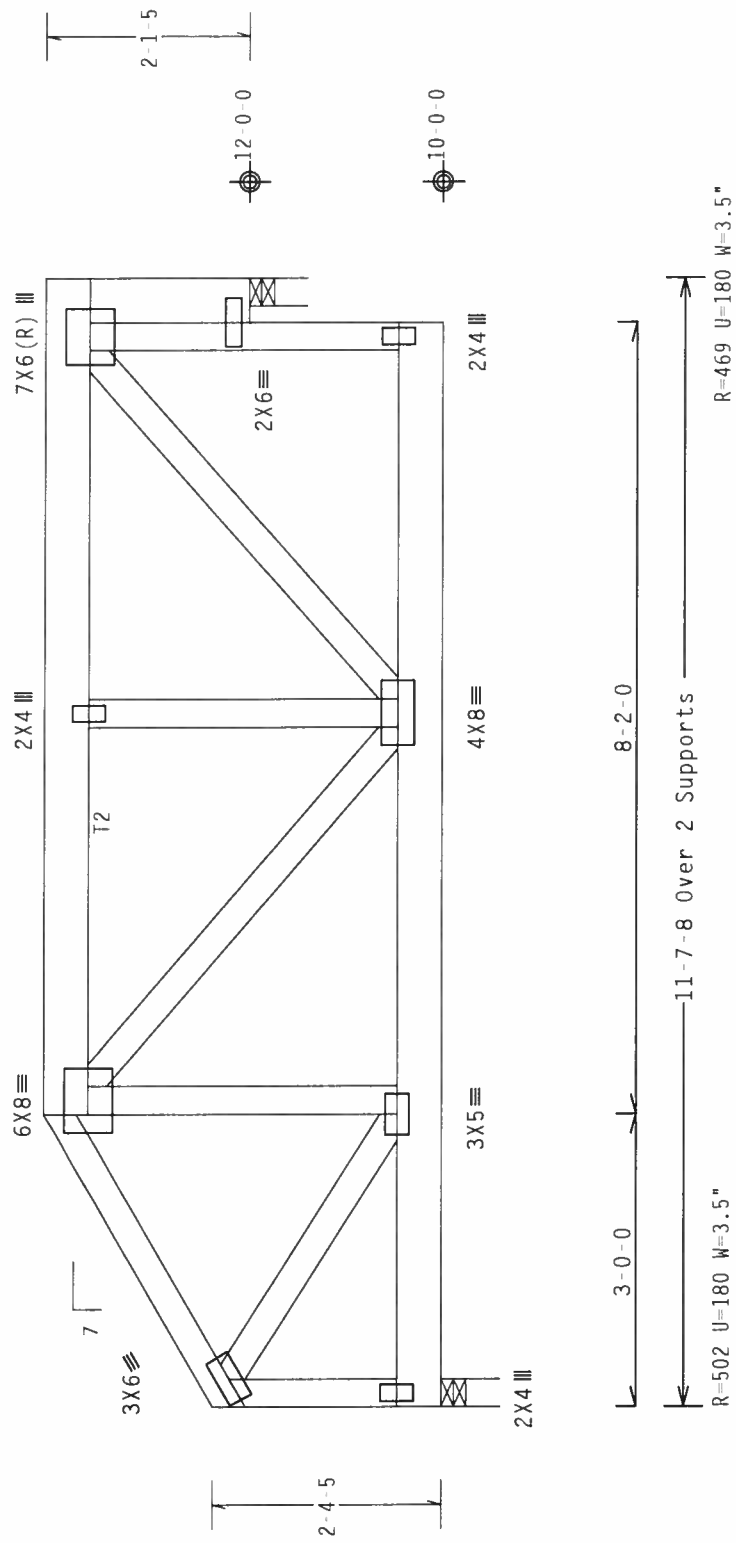
Plates sized for a minimum of 3.00 sq.in./piece.

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

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Left side jacks have 3-0-0 setback with 0-0-0 cant and 1-6-0 overhang. End jacks have 3-0-0 setback with 0-0-0 cant and 1-6-0 overhang. Right side jacks have 0-0-0 setback with 0-0-0 cant and 0-0-0 overhang.

The overall height of this truss excluding overhang is 4-1-5.

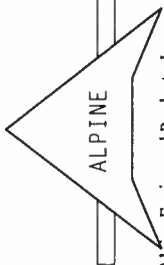


Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave\R

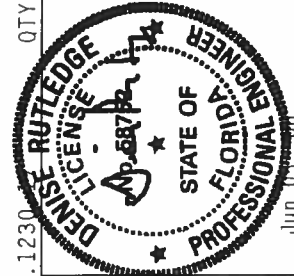
WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. OFFER TO BEST T.O.S. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 583 MADISON, RI 02719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE 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 HUD, NATIONAL DESIGN SPEC, BY AREA AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/166A (M-11/5X) 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 BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL OR THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGNER'S SIGNATURE AND SEAL. USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



ALPINE

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



QTY:1	FL/-/5/-/R/-	Scale = .5"/Ft.
TC LL	20.0 PSF	REF R215 -- 45520
TC DL	10.0 PSF	DATE 06/05/06
BC DL	10.0 PSF	DRW HCUSR215 06156023
BC LL	0.0 PSF	HC-ENG EC/ADR
TOT.LD.	40.0 PSF	SEQN- 118175
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1SXT215_Z01

Top chord 2x4 SP #2 N
Bot chord 2x6 SP #2 N
Webs 2x4 SP #2 N
:Rt Bearing Leg 2x6 SP #2 N:

SPECIAL LOADS
----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 63 PLF at 0.00 to 63 PLF at 11.63
BC - From 20 PLF at 0.00 to 20 PLF at 11.17
PLB- 1507 LB Conc. Load at (0.94,10.04), (2.94,10.04), (4.94,10.04)
(6.94,10.04)
PLB- 1467 LB Conc. Load at (8.94,10.04)
PLB- 1445 LB Conc. Load at (9.94,10.04)

Left end vertical not exposed to wind pressure.
Deflection meets L/360 live and L/240 total load.
The overall height of this truss excluding overhang is 4'-6"-9".

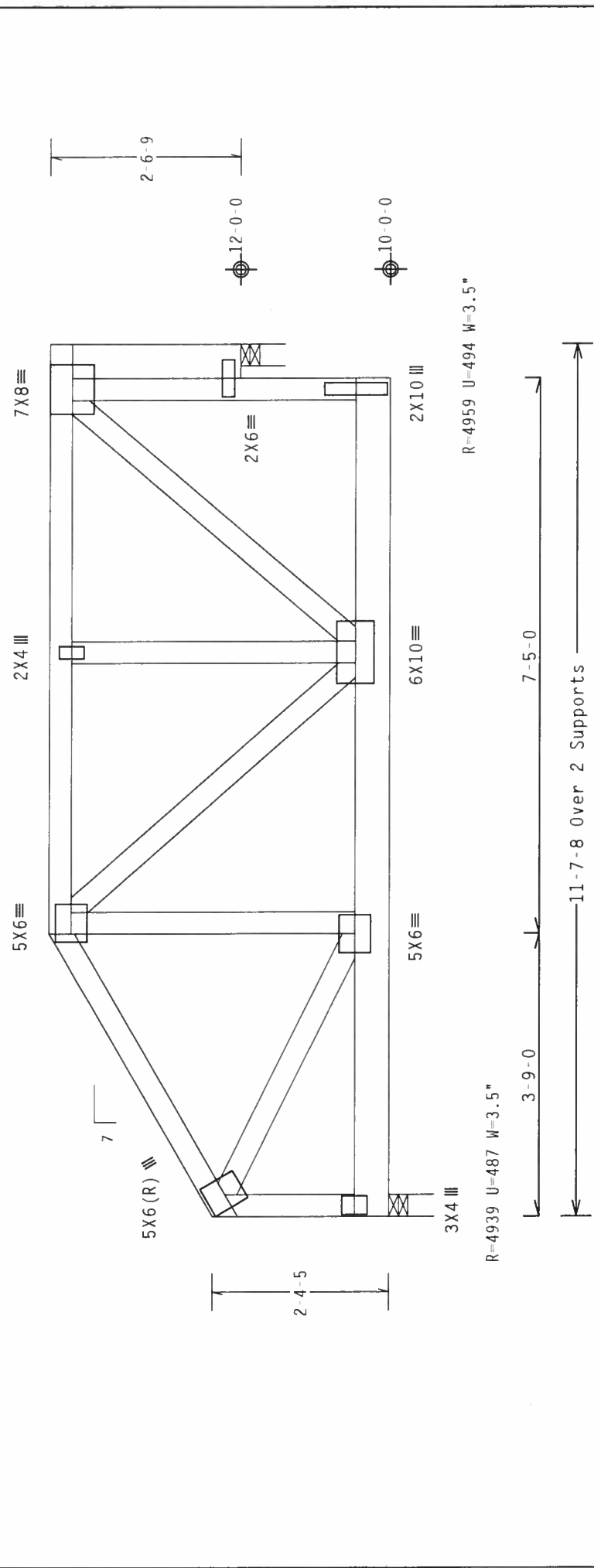
2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun_nails)
Top Chord: 1 Row @12.00" o.c. (Each Row)
Bot Chord: 2 Rows @ 4.00" o.c. (Each Row)
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

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

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Plates sized for a minimum of 3.00 sq.in./piece.



PLT TYP. Wave\R

ALPINE

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

WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THE USER SHALL 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/AIA AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (M-H/S/K) ASTM A653 GRADE 40/60 (M, K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGNER'S SIGNATURE AND SEAL. USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMST/TPI 1 SEC. 2.

****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/AIA AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (M-H/S/K) ASTM A653 GRADE 40/60 (M, K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGNER'S SIGNATURE AND SEAL. USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMST/TPI 1 SEC. 2.

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1238

Scale = .5" / Ft.

REF	R215 - -	45521
DATE	06/05/06	
DRW	HCUSR215	06156024
HC-ENG	EC/ADR	
SEQN	116729	
FROM	CDM	
JREF	1SXT215	Z01

Top chord 2x4 SP #2 N :T2, T3 2x6 SP #2 N:
Bot chord 2x6 SP #2 N
Webs 2x4 SP #2 N

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

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

Shim all supports to solid bearing.

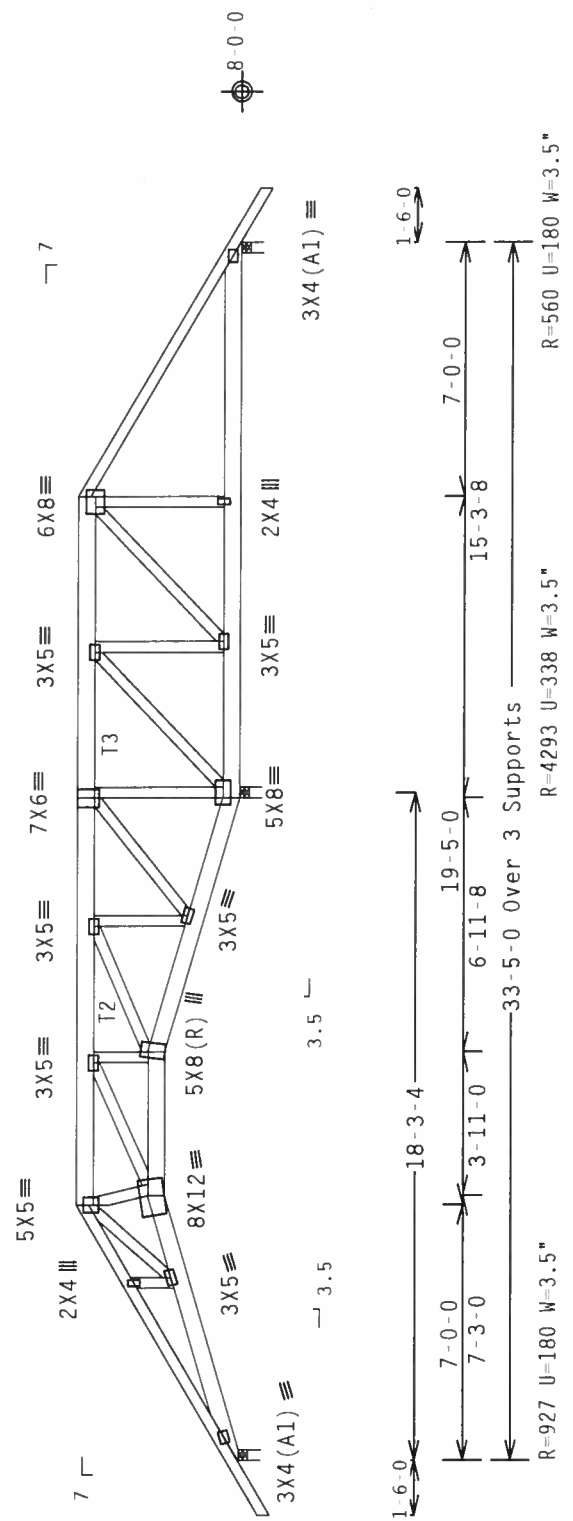
2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun nails)
Top Chord: 1 Row @12.00" O.C.
Bot Chord: 1 Row @12.00" O.C.
Webs : 1 Row @ 4" O.C.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

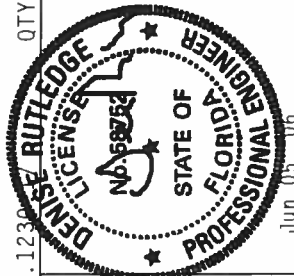
#1 hip supports 7'-0" jacks W/2 panel TC and no end vert.

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 4'-5.5".



PLT TYP. Wave\R
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.123



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RECHECK ALL CONNECTIONS AND BRACING PRIOR TO ERECTION. THE USER OF THIS DESIGN SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND BRACING OF THE TRUSS. THE USER SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND BRACING OF THE TRUSS. THE USER SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND BRACING OF THE TRUSS.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/166GA (N-H/S) ASTM A653 GRADE 40/60 (N-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 ANNEC A3 OF TPI-2002 SEC.3. A SEAL ON THIS DESIGN SHALL BE THE SURETY OF THE DESIGNER'S RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGNER. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANS/101 1 SEC. 2.

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

QTY:1	FL/-/5/-/R/-	Scale = .1875"/Ft.
TC LL	20.0 PSF	REF R215 - 45522
TC DL	10.0 PSF	DATE 06/05/06
BC DL	10.0 PSF	DRW HCUSR215 06156001
BC LL	0.0 PSF	HC-ENG EC/ADR
TOT.LD.	40.0 PSF	SEQN- 116819
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1SXT215_Z01

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

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

(A) Continuous lateral bracing equally spaced on member.

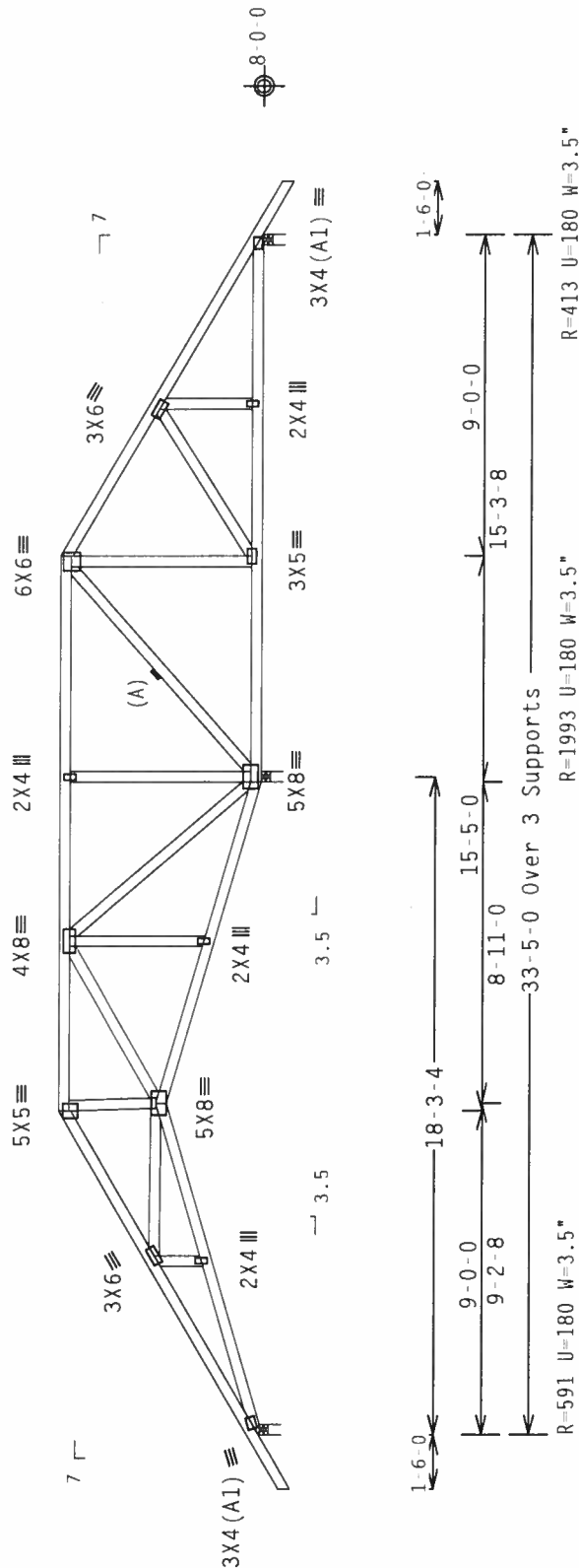
Deflection meets L/360 live and L/240 total load.

Shim all supports to solid bearing.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 5-7-5.



PLT TYP. Wave\R

Design Crit: TPI-2002(STD)/FBC

****WARNING**** THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO REG. 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (THUSS & PLATE INSTITUTE, 503 D'ONOFIO RD., SUITE 200, MADISON, WI 53719) AND TPI (THUSS & PLATE INSTITUTE, 503 D'ONOFIO RD., 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 PROPERLY ATTACHED BRACING CELLS.

****IMPORTANT*****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERS & PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TP1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES, OR COMBINING THEM WITH ANY LOCAL PROVISIONS OF AOS (NATIONAL DESIGN SPEC., BY AISC) AND TP1, SHALL BE THE RESPONSIBILITY OF THE USER OF THIS DRAWING. ALL PLATES TO EACH FACE OF TRUSSES AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES, FOLLOWED BY (1) SHALL BE PER AMER AS OF TP11-2009 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF THIS DESIGN. THE USE OF THIS COMMENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMER TP11 SEC.2.



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



Jun 05 '06

FL / - 5 / - / - R / -		Scale = .1875" / Ft.
TC LL	20.0 PSF	REF R215 - 45523
TC DL	10.0 PSF	DATE 06/05/06
BC DL	10.0 PSF	DRW HCURSR215 06156011
BC LL	0.0 PSF	HC-ENG EC/ADR
TOT.LD.	40.0 PSF	SEQN- 118186
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1SX7215_Z01

Top	chord	2x4	SP	#2	N
Bot	chord	2x6	SP	#2	N
	Webs	2x4	SP	#2	N

Nailing Schedule: (0.131"x3" Gun_nails)
 Top Chord: 1 Row @ 4.00" o.c.
 Bot Chord: 1 Row @ 4.25" o.c.
 Webs : 1 Row @ 4" o.c.

	----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25) -----		
TC	From	63 PLF at -1.50 to	63 PLF at 33.42
BC	From	5 PLF at -1.50 to	5 PLF at 0.00
8BC	From	21 PLF at 0.00 to	21 PLF at 18.13
BC	From	20 PLF at 18.13 to	20 PLF at 33.42

Bearing blocks: Nail type: 0.131"x3" Gun nails
BRG X-LOC #BLOCKS LENGTH/BLK #NAILS/BLK WALL PLATE
2 18.125' 1 12" 8 Match Truss

Bearing block to be same size and species as bottom chord.
Refer to drawing CNBRGblk1103 for additional information.

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

IN ADDITION, APPLY SCREWS TO EACH FACE OF THE TOP CHORDS. APPLY ALL SCREWS IN A SINGLE ROW AT 12" O.C. PROVIDE MINIMUM OF 3" END DISTANCE AT ALL MEMBERS. DO NOT INSTALL SCREWS THROUGH PLATES.

The overall height of this truss excluding overhang is 6'-9"-5."

Shim all supports to solid bearing.



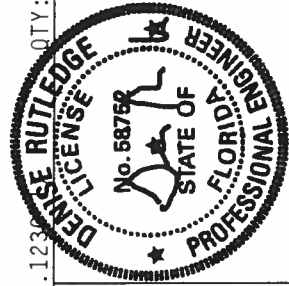
R=100 U=100 W=3.5"
BEARING NOT DESIGNED
TO RESIST UPLIFT

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

0TY.1 FI / - / 5 / - / - / R / -

Scale = 1875"/ft

TC LL	20.0	PSF	REF	R215--	45524
TC DL	10.0	PSF	DATE	06/05/06	
BC DL	10.0	PSF	DRW	HCUSR215	06156021
BC LL	0.0	PSF	HC-ENG	EC/ADR	
TOT.LD.	40.0	PSF	SEQN-	116813	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1SXT215_Z01	



Jun 05 '06

REF- 1SXT215_Z01

CLPINE

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

FL Certificate of Authorization # 567



2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun nails)

Top Chord: 1 Row @ 6.00" o.c.

Bot Chord: 1 Row @ 4.50" o.c.

Webs : 1 Row @ 4" O.C.

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

110 mph wind, 15.00 ft mean hgt., ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Plates sized for a minimum of 3.00 sq. in./piece.

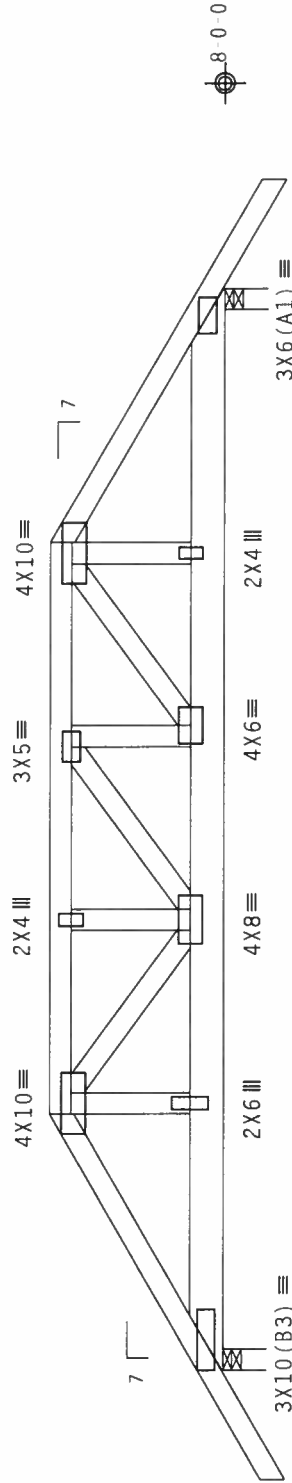


Diagram of a continuous beam with three supports. The beam is divided into four segments by three supports. The first segment is 3'-6" long, the second is 7'-10" long, the third is 3'-6" long, and the fourth is 14'-10" long. The total length is 29'-0". The beam is labeled "Over 2 Supports" and has a total length of 29'-0".

Design Crit: TPI-2002(STD)/FBC

****WARNING**** FRASSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. TOP CHORD MUST BE PROPERLY SECURED TO PREVENT COLLAPSE OF THE CHORDS BY THE CHASSIS PULLER. INSTEAD OF THE TOP CHORD BEING USED TO HOLD THE CHASSIS PULLER, THE CHASSIS PULLER SHOULD BE USED TO HOLD THE TOP CHORD. THE TOP CHORD SHALL HAVE A PROPERLY ATTACHED TOP CHORD 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 TP11, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN OR CONSTRUCTION, WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY APA) AND TP11, PLACES THE CONTRACTOR WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY APA) AND TP11, ON THE FRONT LINE OF TRUSSES AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS, SECTION 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF TP11-2002 SEC. 3. A SEAL ON THIS BRACING 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 BUILDING DESIGNER PER ANNEX A TP11-2002 SEC. 2.

Scale = .375"/Ft.

REF B215-- 45526

DATE	06/06/06
------	----------

DATE 06/05/06

DRW HCUSR215 0615604

HC - ENG EC/ADR

SFON- 116657

EDQM CDM

FROM COM

PLT TYP. Wave\R

ALPINE

Alpine Engineered Products, Inc.

1950 Marley Drive
Haines City, FL 33844

FL Certificate of Authorization # 567

(3588 - Lot #13 Lake Jeffery / Concept Construction of N LAKE CITY, FL - GIHG)

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

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

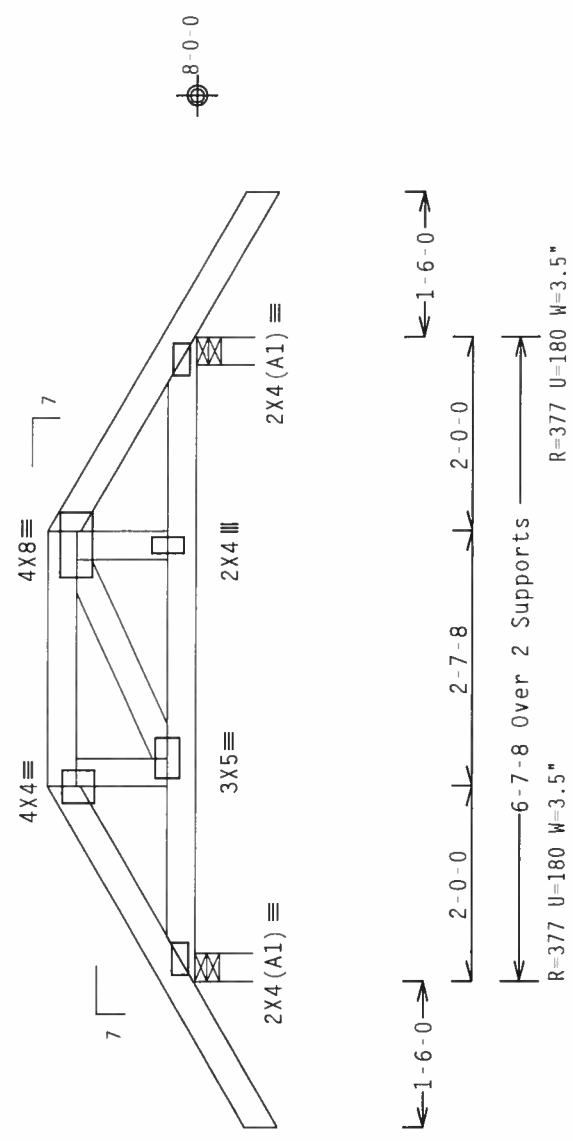
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

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

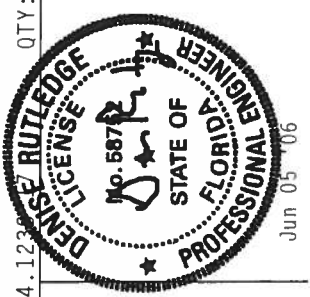
Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 1-6-5.



PLT TYP. Wave\R

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.123



QTY: 1	FL/-/5/-/-/R/-	Scale = .5"/Ft.
TC LL	20.0 PSF	REF R215 - 45527
TC DL	10.0 PSF	DATE 06/05/06
BC DL	10.0 PSF	DRW HCUSR215 06156010
BC LL	0.0 PSF	HC-ENG EC/ADR
TOT.LD.	40.0 PSF	SEON - 118149
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF - 1SXT215_Z01

****WARNING**** TRUSSES REQUIRE EXTERIOR GABLE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DECS 1.03 BUILDING COMPONENT SAFETY, WIND, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. D'UNDEFIELD DR., SUITE 200, MADISON, WI 53719, AND WEA (WOOD 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 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 2018/1064 (M-11/5/5) ASTM A653 GRADE 40/60 (N. 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 AMER A3 OR TPI 1 2002 SEC.3. A SEAL ON THIS DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

Alpine Engineered Products, Inc.
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 63 PLF at 0.00 to 63 PLF at 6.63
BC - From 20 PLF at 0.00 to 20 PLF at 6.63
BC - 296 LB Conc. Load at 1.62, 3.62, 5.62

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

Plates sized for a minimum of 3.00 sq.in./piece.

LOADING HAS BEEN CALCULATED BY THE TRUSS MANUFACTURER.
IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO
VERIFY AND APPROVE THE LOADING.

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun_nails)

Top Chord: 1 Row @12.00" O.C.

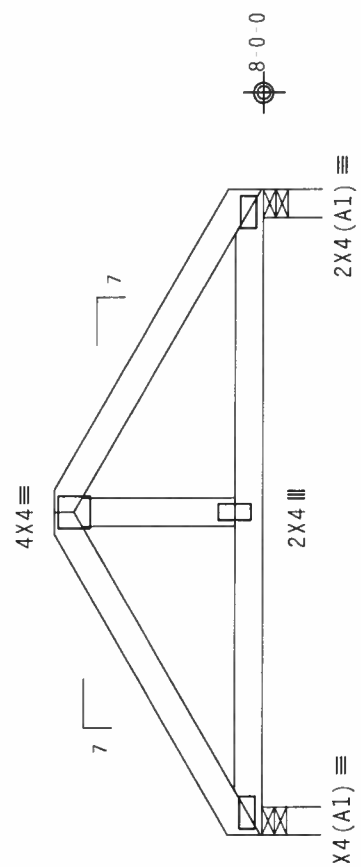
Bot Chord: 1 Row @11.00" O.C.

Webs : 1 Row @ 4" O.C.

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

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

The overall height of this truss excluding overhang is 2-1-14.



3-3-12 3-3-12
6-7-8 Over 2 Supports
R=677 U=180 W=3.5"
R=763 U=180 W=3.5"

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1230

PLT TYP. Wave\R



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. ANY BUILDING COMPONENTS (TRUSSES, CHORDS, WEBS, PLATES, ETC.) MUST BE DESIGNED AND MANUFACTURED TO MEET THE REQUIREMENTS OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC. (AISC) SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS, 13TH EDITION, 2005. ALL TRUSSES SHALL BE DESIGNED AND MANUFACTURED TO MEET THE REQUIREMENTS OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC. (AISC) SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS, 13TH EDITION, 2005. ALL TRUSSES SHALL BE DESIGNED AND MANUFACTURED TO MEET THE REQUIREMENTS OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC. (AISC) SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS, 13TH EDITION, 2005.

****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 PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/166A (N-H/S/K) ASTM A653 GRADE 40/60 (N, K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DESIGN INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGNER'S USE. THIS SEAL IS NOT VALID WITHOUT THE SIGNATURE OF THE DESIGNER. A SEAL ON THIS BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

QTY:1	FL/-/5/-/-/R/-	Scale = .5" /Ft.
TC LL	20.0 PSF	REF R215 -- 45528
TC DL	10.0 PSF	DATE 06/05/06
BC DL	10.0 PSF	DRW HCUSR215 06156014
BC LL	0.0 PSF	HC-ENG EC/ADR
TOT.LD.	40.0 PSF	SEQN- 118155
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1SXT215 Z01

(3588 -/Lot #13 Lake Jeffery /Concept Construction of N - LAKE CITY, FL - HIGE)

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

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

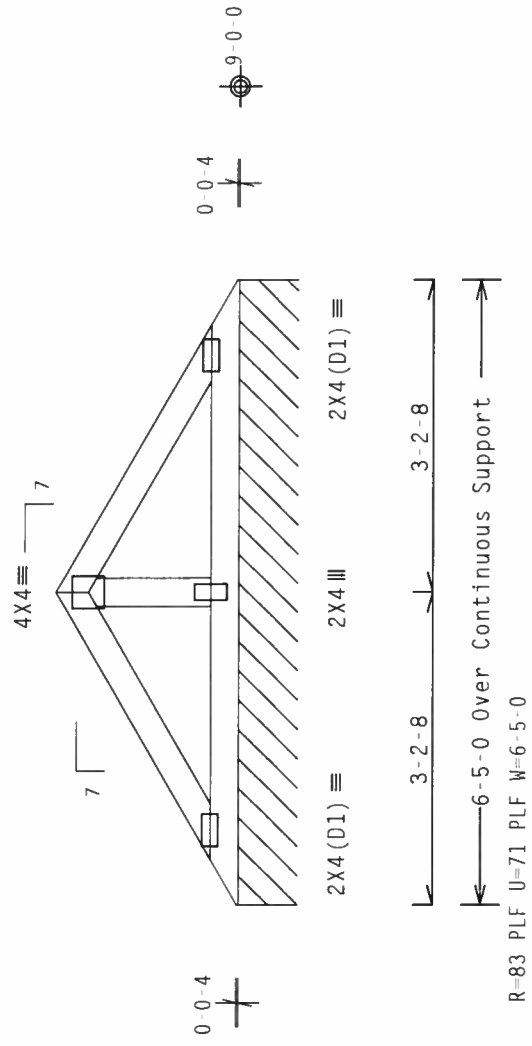
Plates sized for a minimum of 3.00 sq.in./piece.

See DWGS A11015EE0405 & GBLETTIN0405 for more requirements.

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.

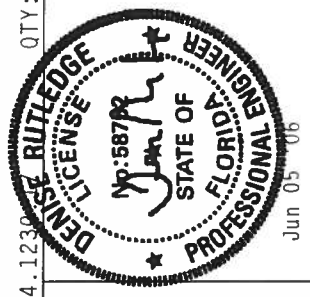
Deflection meets L/360 live and L/240 total load.

The overall height of this truss excluding overhang is 1'-10"-11."



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

QTY:1	FL/-/5/-/R/-	Scale = .5"/Ft.
TC LL	20.0 PSF	REF R215-- 45529
TC DL	10.0 PSF	DATE 06/05/06
BC DL	10.0 PSF	DRW HCUSR215 06156016
BC LL	0.0 PSF	HC-ENG EC/ADR
TOT.LD.	40.0 PSF	SEQN- 118030
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1SXT215_Z01



****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 HUNTER RD, WILSON, NC 27157) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, HUNTERDON, NJ 07030) FOR MORE INFORMATION. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE TRUSS DESIGN, FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. THE TRUSS MANUFACTURER SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DETAILING FROM THIS DESIGN. ANY FAILURE TO BUILD 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 AFAPA) AND TPI. ALPINE CONNECTION PLATES ARE MADE OF 20/18/16GA (W/1/5/K) ASTM A653 GRADE 40/60 (W. K/H.5) 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 ANHER A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

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

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun_nails)
 Top Chord: 1 Row @12.00" o.c.
 Bot Chord: 1 Row @10.75" o.c.
 Webs : 1 Row @ 4" o.c.
 Use equal spacing between rows and stagger nails
 in each row to avoid splitting.

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

Plates sized for a minimum of 3.00 sq.in./piece.

SEE DWGS BCFILLER1103 FOR FILLER DETAILS.
LATERAL BRACE BOTTOM CHORD ABOVE FILLER @24" OC.
INCLUDING A LATERAL BRACE AT CHORD ENDS.

SPECIAL LOADS

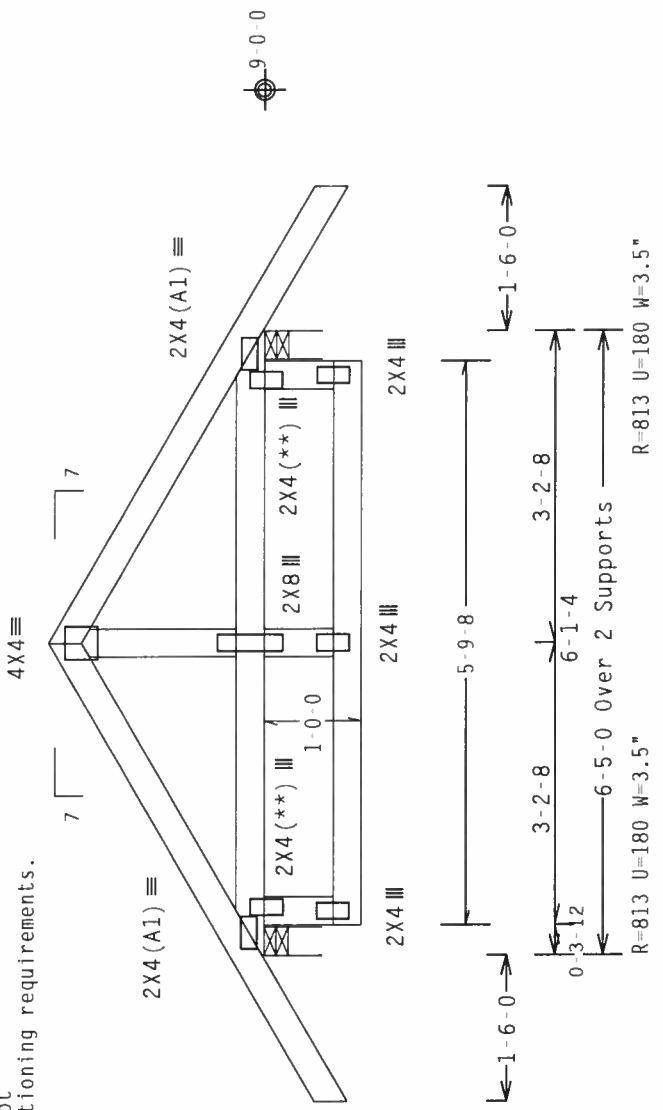
(LUMBER DUR. FAC. = 1.23 / PLATE DUR. FAC. = 1.23)
 TC - From 63 PLF at 1.50 to 63 PLF at 7.92
 BC - From 5 PLF at 1.50 to 5 PLF at 0.00
 BC - From 20 PLF at 0.00 to 5 PLF at 7.92
 PLB- 296 LB Conc. Load at (1.90,8.04), (3.21,8.04), (4.52,8.04)

1110 mph wind, 15.00 ft mean hgt., ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

The overall height of this truss excluding overhang is 2-2-12.

LOADING HAS BEEN CALCULATED BY THE TRUSS MANUFACTURER. IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO VERIFY AND APPROVE THE LOADING.

(**) plate(s) require special positioning.
Refer to scaled plate plot
details for special positioning requirements.

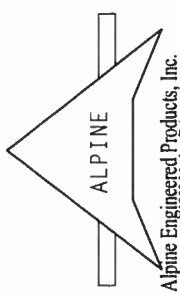
Design Crit: $\text{TPI-2002(STD) / FBC}$
 $\text{Cq/RT} = 1.00(1.25) /$

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

FL/-/5/-/-R/-	Scale = 5"/Ft.
TC LL	20.0 PSF
TC DL	10.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	40.0 PSF
DUR.FAC.	1.25
SPACING	24.0"



Jun 05 '06



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

(3588 /Lot #13 Lake Jeffery /Concept Construction of N LAKE CITY, FL - JCI)

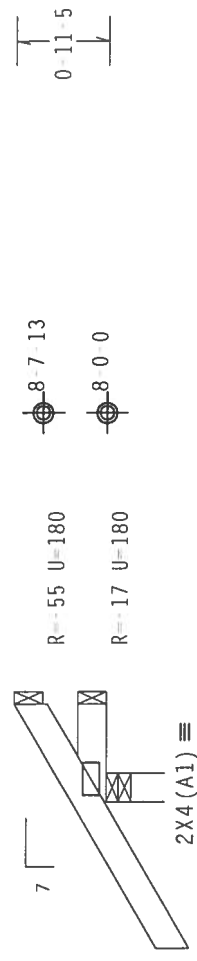
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

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

The overall height of this truss excluding overhang is 0-11-5.

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

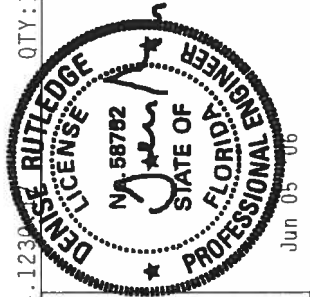
Plates sized for a minimum of 3.00 sq.in./piece.



PLT TYP. Wave \R

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1230

QTY:18	FL/-/5/-/-/R/-	Scale = .5"/Ft.
TC LL	20.0 PSF	REF R215 - 45531
TC DL	10.0 PSF	DATE 06/05/06
BC DL	10.0 PSF	DRW HCUSR215 06156004
BC LL	0.0 PSF	HC-ENG EC/ADR
TOT.LD.	40.0 PSF	SEQN - 118017
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF - 1SXT215_Z01



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (M-H/5/S) ASTM A553 GRADE 40/60 (W. K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A & 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AISC 308 OF TPI-2002 SEC.3 A SEAL ON THIS DESIGN SHOWS THE DESIGNER'S ACCEPTANCE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISC/TPI 1 SEC. 2.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (M-H/5/S) ASTM A553 GRADE 40/60 (W. K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A & 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AISC 308 OF TPI-2002 SEC.3 A SEAL ON THIS DESIGN SHOWS THE DESIGNER'S ACCEPTANCE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISC/TPI 1 SEC. 2.

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

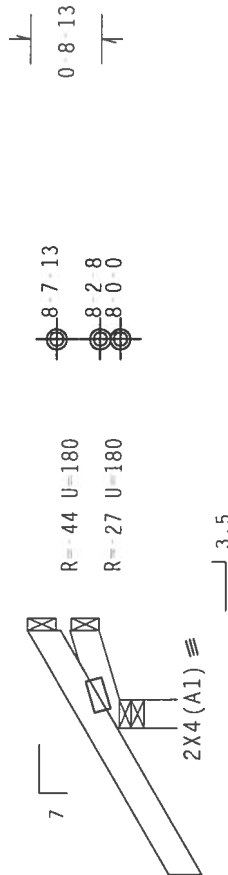
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

1110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 0.115.



7-6-07

1 0 0 over 3 Supports

R=257 II=180 W=3.5"

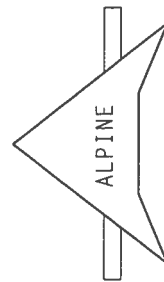
PLT TYP. Wave\R

Design Crit: $\text{TPI} - 2002(\text{STD})/\text{FBC}$
$$Cq/RT = 1.00(1.25)/10(0)$$

Scale = .5"/Ft.

*WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCS 1-03 (INSTALLING COMPONENT SAFETY INFORMATION), PUBLISHED BY IPI (TRUSS PACE INSTITUTE, 583 PIERCE STREET, ST. LOUIS, MISSOURI 63103-2375), AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 CATERPILLAR, IN. MADISON, WI 53719-0001) FOR SAFETY PRECAUTIONS TO BE FOLLOWED WHEN PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CUTTING.

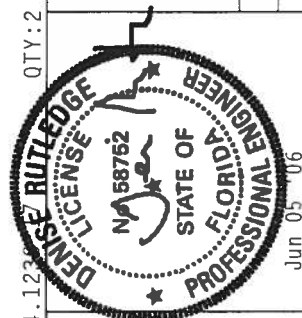
*** IMPORTANT *** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERING, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TP1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES DESIGN CONFORMS WITH ALL CODES OR FABRICATING PROVISIONS OF AISC (MATERIAL DESIGN SPEC., BY A360) AND TP1. PLATES TO EACH FACE OF TRUSS AND GUSSET, OVERLAPPING LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A & 160B. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF TP11 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT OF THIS PROJECT. THIS IS IN FULL COMPLIANCE WITH THE CODES OF THIS COUNTRY FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEX A OF TP11 1 SEC.2.



Alpine Engineered Products, Inc.

1950 Marley Drive
Taines City, FL 33844

James City, FL 33844
FL Certificate of Authorization # 567



Jun 05 '06

TC LL	20.0	PSF	REF	R215 -	45532
TC DL	10.0	PSF	DATE	06/05/06	
BC DL	10.0	PSF	DRW	HCUSR215	06156073
BC LL	0.0	PSF	HC - ENG	EC/ADR	
TOT.LD.	40.0	PSF	SEQN -	118061	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF -	1SXT215	701

(3588 - /Lot #13 Lake Jeffery /Concept Construction of N - LAKE CITY, FL - JC1B)

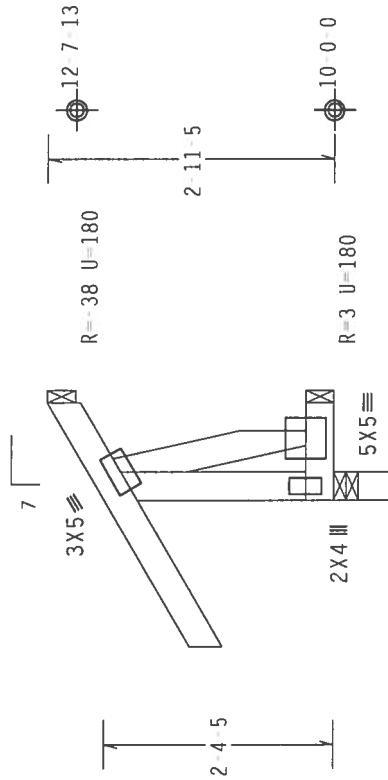
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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

Plates sized for a minimum of 3.00 sq.in./piece.

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

The overall height of this truss excluding overhang is 211.5.



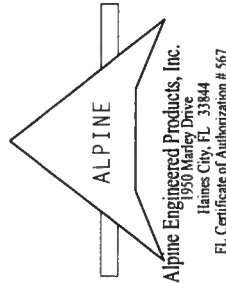
1'-6-0
1'-0-0 Over 3 Supports
R=220 U=180 W=3.5"

PLT TYP. Wave \R

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

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-2002 OR ANY OTHER CODE OR SPECIFICATION SHALL BE THE RESPONSIBILITY OF THE INSTALLER. THE INSTALLER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND INSURANCE. THE INSTALLER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND INSURANCE. THE INSTALLER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND INSURANCE.

****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-2002 OR ANY OTHER CODE OR SPECIFICATION SHALL BE THE RESPONSIBILITY OF THE INSTALLER. THE INSTALLER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND INSURANCE. THE INSTALLER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND INSURANCE. THE INSTALLER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND INSURANCE.



Scale = .5" / Ft.

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

REF	R215 - 45533
DATE	06/05/06
DRW	HCUSR215 06156027
HC-ENG	EC/ADR
SEQN	118161
FROM	CDM
JREF	1SXT215_Z01

(3588 /Lot #13 Lake Jeffery /Concept Construction of N - LAKE CITY, FL - JC3)

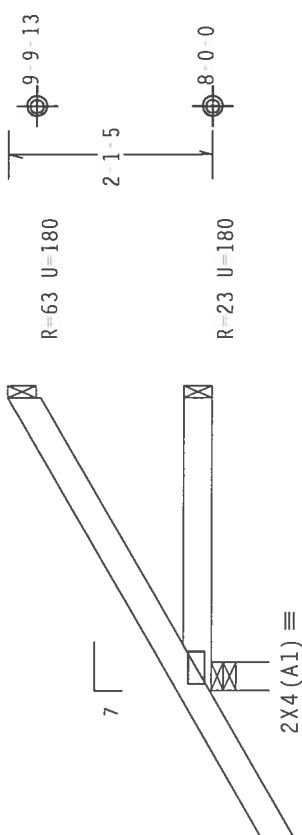
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

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

The overall height of this truss excluding overhang is 21-5.

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

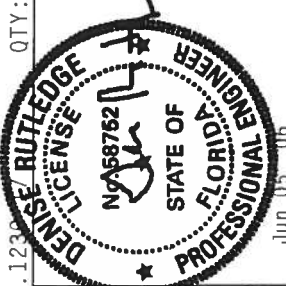
Plates sized for a minimum of 3.00 sq.in./piece.



3-0-0 Over 3 Supports
R=265 U=180 W=3.5"

PLT TYP. Wave\R Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 7.24.1238

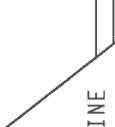
ALPINE Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844		**WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RES-1 (BUILDING INFORMATION), PUBLISHED BY IPTI (TRUSS PLATE INSTITUTE), 583 W. 10TH AVE., SUITE 100, MADISON, WI 53719, AND RES-2 (INSTALLATION INFORMATION), PUBLISHED BY IPTI, 583 W. 10TH AVE., SUITE 100, 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 IPTI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CORRECTIONS WITH APPLICABLE PROVISIONS OF AISC QUALIFIED DESIGN SPEC, BY AISC AND IPTI. 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 NOTED ON THIS DESIGN, POSITION PER DRAWINGS LOGA 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERICAN A3 OF IPTI 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/IPTI 1 SEC. 2.		ALPINE Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844		FL Certificate of Authorization # 567	
TC LL		20.0 PSF		REF R215 -- 45534			
TC DL		10.0 PSF		DATE 06/05/06			
BC DL		10.0 PSF		DRW HCUSR215 06156003			
BC LL		0.0 PSF		HC-ENG EC/ADR *			
TOT.LD.		40.0 PSF		SEQN- 118014			
DUR.FAC.		1.25		FROM CDM			
SPACING		24.0"		JREF- 1SXT215_Z01			



Jun 05 '06

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING & BRACING. 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 ACPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (N-17/5X) ASTM A653 GRADE 40/60 (N. K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS FIG. 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) 360-16. A SEAL ON THIS DESIGN DRAWING IS REQUIRED. THE USER OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMST/TPI 1 SEC. 2.

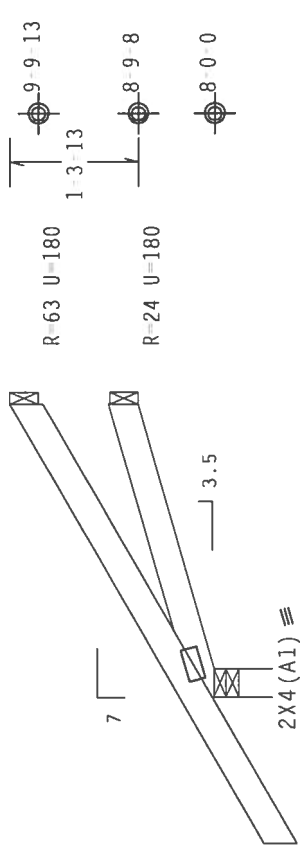
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY ACPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (N-17/5X) ASTM A653 GRADE 40/60 (N. K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS FIG. 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) 360-16. A SEAL ON THIS DESIGN DRAWING IS REQUIRED. THE USER OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMST/TPI 1 SEC. 2.



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

(3588 - Lot #13 Lake Jeffery / Concept Construction of N - LAKE CITY, FL - JC3A)

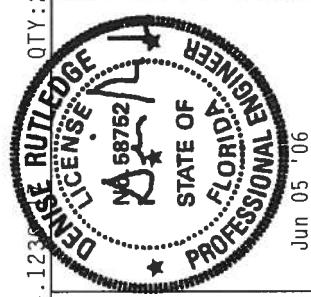
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Deflection meets L/360 live and L/240 total load.
Shim all supports to solid bearing.
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.
Plates sized for a minimum of 3.00 sq.in./piece.
The overall height of this truss excluding overhang is 21-5.



1-6-0
3 0 0 Over 3 Supports
R-266 U-180 W-3.5"

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1230

QTY:2	FL/-5/-1-R/-	Scale = .5"/Ft.
TC LL	20.0 PSF	REF R215-- 45535
TC DL	10.0 PSF	DATE 06/05/06
BC DL	10.0 PSF	DRW HCUSR215 06156063
BC LL	0.0 PSF	HC-ENG EC/ADR *
TOT.LD.	40.0 PSF	SEQN- 118058
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1SXT215_Z01



****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), 983 W. 10TH AVE., SUITE 100, TAMPA, FL 33604, FOR ADDITIONAL INFORMATION. TRUSSES ARE TO BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. ALL TRUSSES SHALL BE PRELIMINARILY CHECKED FOR PROPER CONNECTIONS. 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 AIAA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W-11/5/K) ASTM A653 GRADE 40/60 (W-11/5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

(3588 - Lot #13 Lake Jeffery /Concept Construction of N - LAKE CITY, FL - JC5)

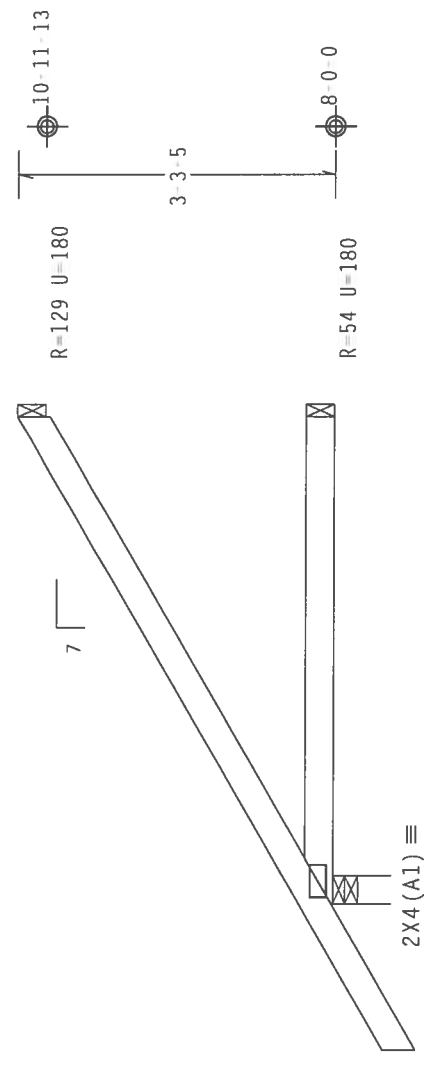
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

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

The overall height of this truss excluding overhang is 3 3-5.

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

Plates sized for a minimum of 3.00 sq.in./piece.



← 1 - 6 - 0 →

← 5 - 0 - 0 Over 3 Supports →
R=335 U=180 W=3.5"

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0) 7.24.123

Scale = .5"/Ft.

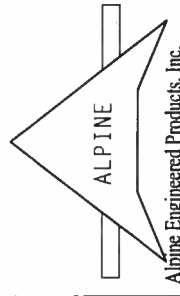
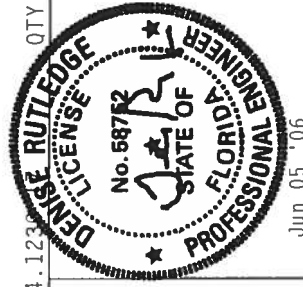
QTY: 8

FL/-/5/-/-/R/-

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST U.O. (BUILDING CODES) FOR TRUSS INFORMATION. TRUSSES ARE NOT TO BE USED FOR ANY OTHER PURPOSES. MAISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. APPLY CONNECTOR 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. BOTTOM PLATE TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A 2. DRAWING INDICATES ACCEPTABLE INSTALLATION. ACCEPTABLE INSTALLATION SHALL BE THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

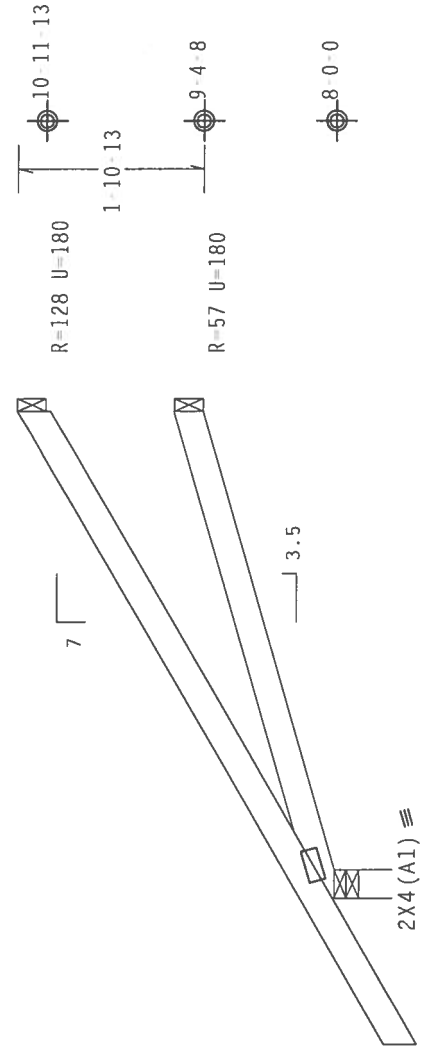
TC LL	20.0 PSF	REF	R215 - - 45536
TC DL	10.0 PSF	DATE	06/05/06
BC DL	10.0 PSF	DRW	HCUSR215 06156002
BC LL	0.0 PSF	HC-ENG	EC/ADR
TOT.LD.	40.0 PSF	SEQN-	118010
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1SXT215_Z01



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

(3588 - /Lot #13 Lake Jeffery /Concept Construction of N - LAKE CITY, FL - JC5A)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Deflection meets L/360 live and L/240 total load.
Shim all supports to solid bearing.
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.
Plates sized for a minimum of 3.00 sq.in./piece.
The overall height of this truss excluding overhang is 3-3 5/8.



← 1 - 6 - 0 →
← 5 - 0 - 0 Over 3 Supports →
R=337 U=180 W=3.5"

PLT TYP. Wave \R

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.123

QTY: 2 FL/-/5/-/R/-
Scale = .5"/Ft.

ALPINE

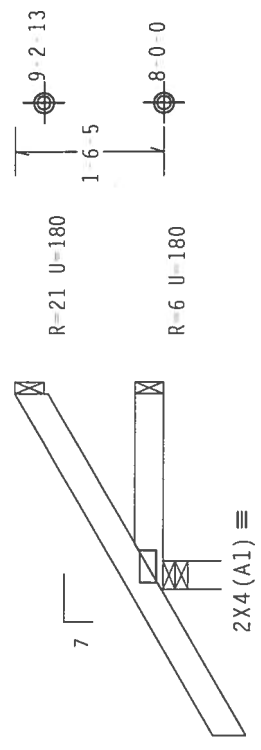
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

DEMISE RUTLEDGE
LICENSE
No. 5875
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Jun 05 '06

TC LL	20.0 PSF	REF	R215 - -	45537
TC DL	10.0 PSF	DATE	06/05/06	
BC DL	10.0 PSF	DRW	HCUSR215	06156052
BC LL	0.0 PSF	HC-ENG	EC/ADR	*
TOT.LD.	40.0 PSF	SEQN	118054	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF	1SXT215	Z01

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Deflection meets L/360 live and L/240 total load.
The overall height of this truss excluding overhang is 1-6-5.
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.
Plates sized for a minimum of 3.00 sq.in./piece.



←1-6-0→
2-0-0 Over 3 Supports
R=240 U=180 W=3.5"

PLT TYP. Wave\R

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

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1230

Scale = .5"/Ft.

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

REF	R215--	45538
DATE	06/05/06	
DRW	HCUSR215	06156013
HC-ENG	EC/ADR	*
SEQN	118142	
FROM	CDM	
JREF	1SXT215_Z01	

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. BEST PRACTICES (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 DUNSTON RD, SUITE 200, MADISON, MI 48071) AND THE NATIONAL DESIGN SPEC. FOR STEEL TRUSSES (AISC 308-03) SHALL BE FOLLOWED. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC 308-03 AND THE NATIONAL DESIGN SPEC. FOR STEEL TRUSSES (AISC 308-03). CONNECTOR PLATES ARE MADE OF 20/18/16GA (N-H/S/K) ASTM A653 GRADE 40/60 (N. K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT. INSTALLATION OF TRUSSES SHALL BE THE RESPONSIBILITY OF THE SUBMITTER AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISI/TPI 1 SEC. 2.

(3588 /Lot #13 Lake Jeffery /Concept Construction of N - LAKE CITY, FL - JE3)

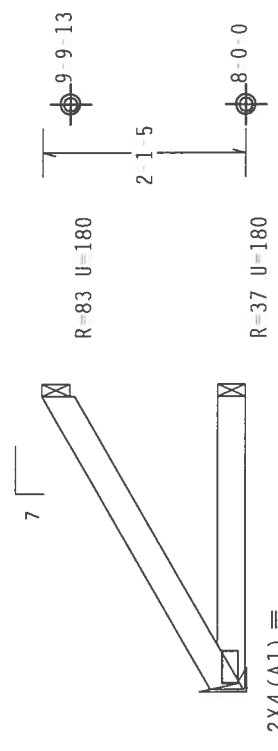
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

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

The overall height of this truss excluding overhang is 21-5.

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

Plates sized for a minimum of 3.00 sq.in./piece.



3-0-0 Over 3 Supports
R=130 U=180

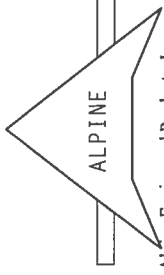
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1230

PLT TYP. Wave\R



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THE TRUSS SHALL BE DESIGNED TO BE USED IN CONFORMANCE WITH THE TPI (TRUSS PLATE INSTITUTE, 583 MADISON, MI 48179) 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 IBCS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/166A (M-17/S/KS) ASTM A653 GRADE 40/60 (M. K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGNER'S DESIGN 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

QTY: 4	FL / - / 5 / - / R / -	Scale = .5" / Ft.
TC LL	20.0 PSF	REF R215 - - 45539
TC DL	10.0 PSF	DATE 06/05/06
BC DL	10.0 PSF	DRW HCUSR215 06156046
BC LL	0.0 PSF	HC-ENG EC/ADR
TOT.LD.	40.0 PSF	SEQN- 118087
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1SXT215 Z01

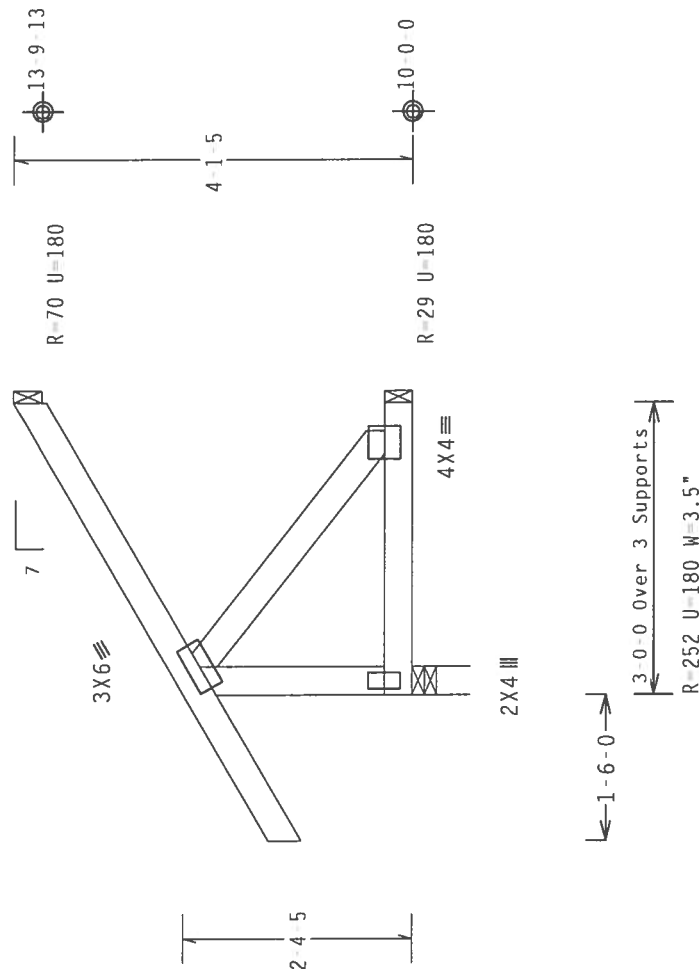
Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

1110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Plates sized for a minimum of 3.00 sq.in./piece.

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

The overall height of this truss excluding overhang is 41.5.



PLT TYP. Wave\|R

Design Crit: $TPI-2002(STD)/FBC$

****WARNING**** THESSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING (RECEIVING) (FIELD ERECTION) INFORMATION: PHOENIX STEEL PTI (THUSS PLATE INSTITUTE), 503 S. CENTRAL RD., SUITE 200, MADISON, WI 53719 AND 503 S. CENTRAL RD., SUITE 200, MADISON, WI 53719. PHOENIX STEEL PTI IS THE SOLE AUTHORITY FOR SPECIFYING AND INSTALLING THESE THESSES. PHOENIX STEEL PTI HAS BEEN ADVISED THAT THE 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 ENGINEERS & ARCHITECTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TP1 : OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MDS (NATIONAL DESIGN SPEC. BY AIA/A) AND TP1 : ALPINE ENGINEERS & ARCHITECTS, INC. HAS REVIEWED THE TRUSS DESIGN AND FOUND IT TO BE IN ACCORDANCE WITH THE PLATES TO EACH FACE OF TROUSSED AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-7. 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 OF THIS PROJECT. NO USE OF THIS COMMENT. FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. PER ANNEX (TP11) SEC.



Haines City, FL 33844
El Certificate of Authorization # 567

Jun 05 '06 SPACING 24.0"

FL / - / 5 / - / - / R / -	Scale = .5" / Ft.
TC LL 20.0 PSF	REF R215 - - 45540
TC DL 10.0 PSF	DATE 06/05/06
BC DL 10.0 PSF	DRW HCUR215 06156028
BC LL 0.0 PSF	HC-ENG EC/ADR
TOT.LD. 40.0 PSF	SEQN- 118165
DUR.FAC. 1.25	FROM CDM
SPACING 24.0"	JREF- 1SYT215 Z01

(3588 -/Lot #13 Lake Jeffery /Concept Construction of N - LAKE CITY, FL - JE3C)

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

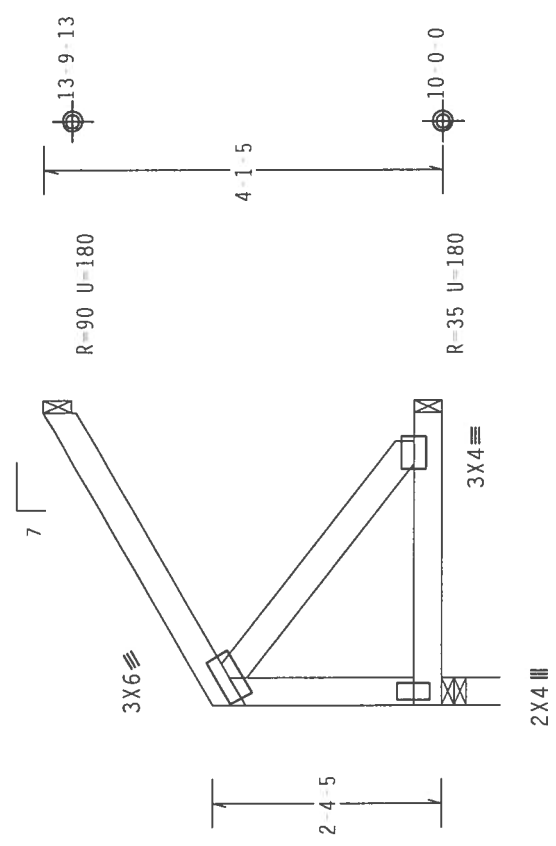
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located
anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC
DL=5.0 psf.

Left end vertical not exposed to wind pressure.

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

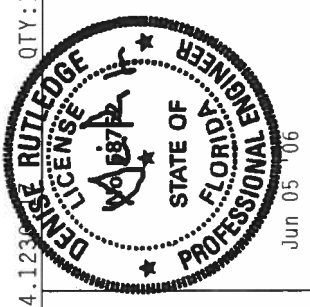
Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 4'-1-5".



3'-0" Over 3 Supports
R=125 U=180 W=3.5"

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



QTY:1	FL/-/5/-/1-/R/-	Scale = .5"/Ft.
TC LL	20.0 PSF	REF R215-- 45541
TC DL	10.0 PSF	DATE 06/05/06
BC DL	10.0 PSF	DRW HCUSR215 06156029
BC LL	0.0 PSF	HC-ENG EC/ADR
TOT.LD.	40.0 PSF	SEQN- 118169
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1SXT215_Z01

****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 MADISON, MI 48131, 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 A BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (N-11/5/1) ASTM A653 GRADE 40/60 (N. K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

(3588 - /Lot #13 Lake Jeffery /Concept Construction of N - LAKE CITY, FL - JF3D)

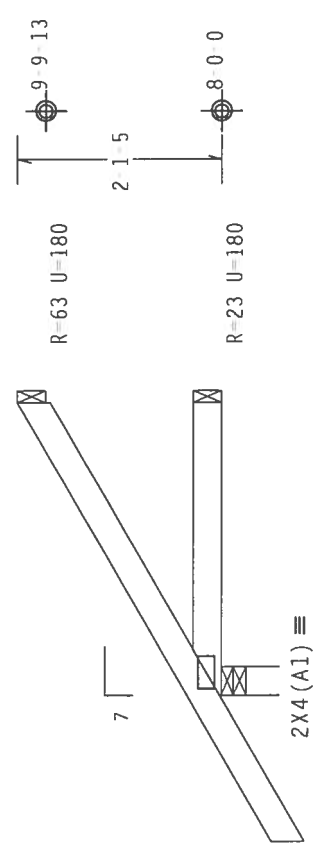
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

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

The overall height of this truss excluding overhang is 21.5.

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

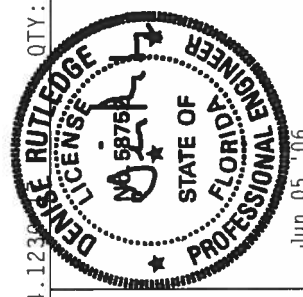
Plates sized for a minimum of 3.00 sq.in./piece.



3.00 Over 3 Supports
R=265 U=180 W=3.5"

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

QTY:2	FL/-/5/-/R/-	Scale = .5"/Ft.
TC LL	20.0 PSF	REF R215-- 45542
TC DL	10.0 PSF	DATE 06/05/06
BC DL	10.0 PSF	DRW HCUSR215 06156044
BC LL	0.0 PSF	HC-ENG EC/ADR *
TOT.LD.	40.0 PSF	SEON- 118077
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1SXT215_Z01



****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), 593 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 AITPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (M/H/S/K) ASTM A653 GRADE 40/60 (M, K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A.2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

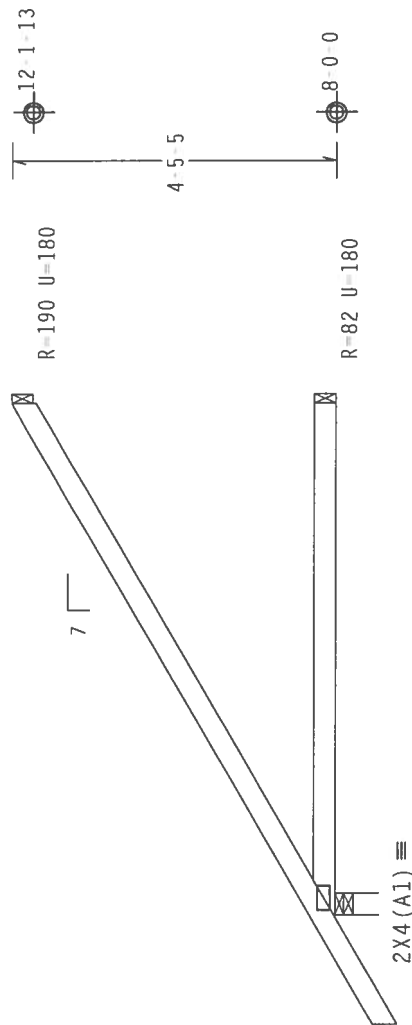
Top chord	2x4	SP	#2	N
Bot chord	2x4	SP	#2	N

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

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

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 45.5.



LE1-6-07

7-0-0 Over 3 Supports

PLT TYP. Wave\R

Design Crit: TPI-2002(STD)/FBC

$$Cq/RT=1.00(1.25)/10(0) \quad 7.24.1230$$

QTY:30 FL/-/5/-/1-/R/-/

Scale = .375"/Ft.



Alpine Engineered Products, Inc.
1950 Marley Drive

1900 Mauley Drive
Haines City, FL 33844

*WARNING** THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. WORKS BY THE CROSS PLASTIC INSTITUTE, 363 S. 4000th RD., SUITE 200, MADISON, WI 53719, AND MICROMADISON, INC. 510 E. 5TH ST., SUITE 200, MADISON, WI 53703, HAVE THE TECHNICAL KNOWLEDGE AND EXPERIENCE TO DESIGN, FABRICATE, SHIP, AND INSTALL THUSSES CORRECTLY. 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. * ALTHOUGH ENGINEERED TRUSSES, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH THE FOLLOWING INFORMATION, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, OR ANY OF THE ABOVE, WHICH MAY CAUSE PROBLEMS AND/OR DAMAGE TO THE BUILDING, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. * THE FOLLOWING INFORMATION IS BASED ON THE NATIONAL DESIGN SPEC. FOR ALUMINUM AND STEEL CONNECTIONS, PART 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812,



REF- 1SXT215 Z01

24.0"

SPACING

50

Jun 05 00

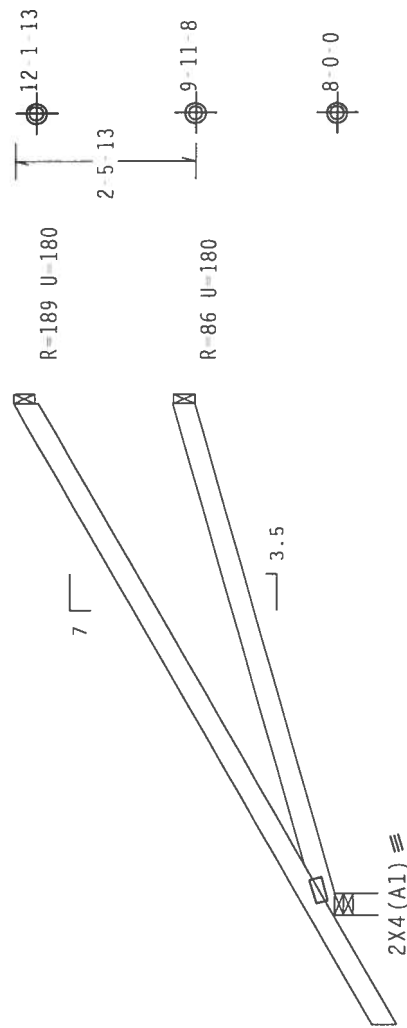
Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N

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

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

Shim all supports to solid bearing.

The overall height of this truss excluding overhang is 4-5-5.



1607

7-0-0 Over 3 Supports

PLT TYP. Wave\R

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

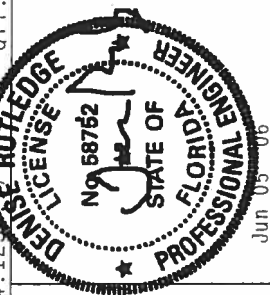
7

7 24 1230

070

13 / 15 / 1 - 18 / -

Scale = 375"/ft

[illegible]

ALPINE

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

FL Certificate of Authorization # S67

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

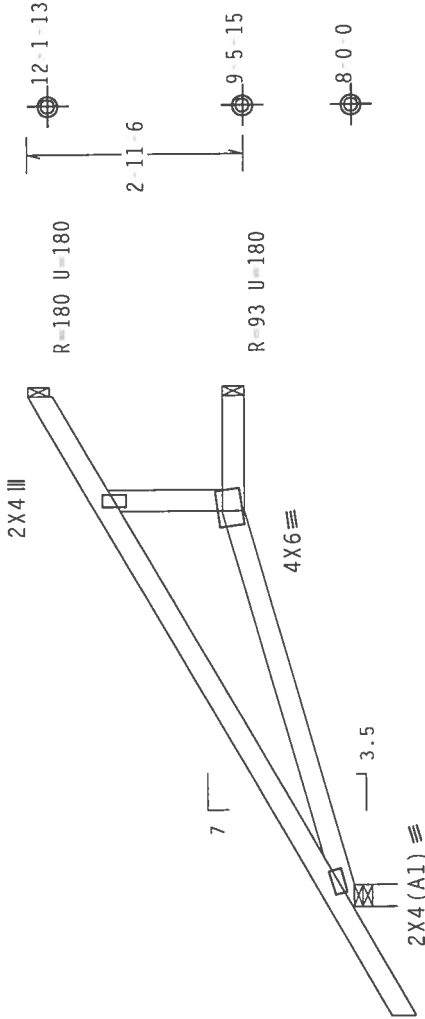
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 4 5-5.

Shim all supports to solid bearing.



1-6-0

5-5-0
7-0-0 Over 3 Supports
R-415 U=180 W=3.5"

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave/R

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

7.24.1230

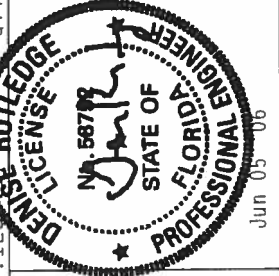
QTY:1

FL/-5/-/-R/-

Scale = .375" / Ft.

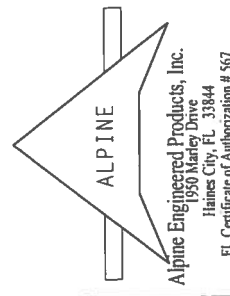
TC LL	20.0 PSF
TC DL	10.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	40.0 PSF
DUR.FAC.	1.25
SPACING	24.0"

REF	R215 - 45545
DATE	06/05/06
DRW	HCUSR215 06156006
HC-ENG EC/ADR	
SEQN	118048 REV
FROM	CDM
JREF	1SXT215_Z01



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSE 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 10000 RICHMOND DR., SUITE 200, RICHMOND, VA 23193, AND NCCA (WOOD TRUSS CONNECTIONS ASSOCIATION), 10000 RICHMOND DR., SUITE 200, RICHMOND, VA 23193, FOR SAFETY PRACTICES AND PROCEDURES. UNLESS OTHERWISE INDICATED, ALL MATERIALS 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/PFA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (N-1/5/5) ASTM A653 GRADE 40/60 (N- K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 16GA Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



(3588 - /Lot #13 Lake Jeffery /Concept Construction of N - LAKE CITY, FL - JE7C)

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

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

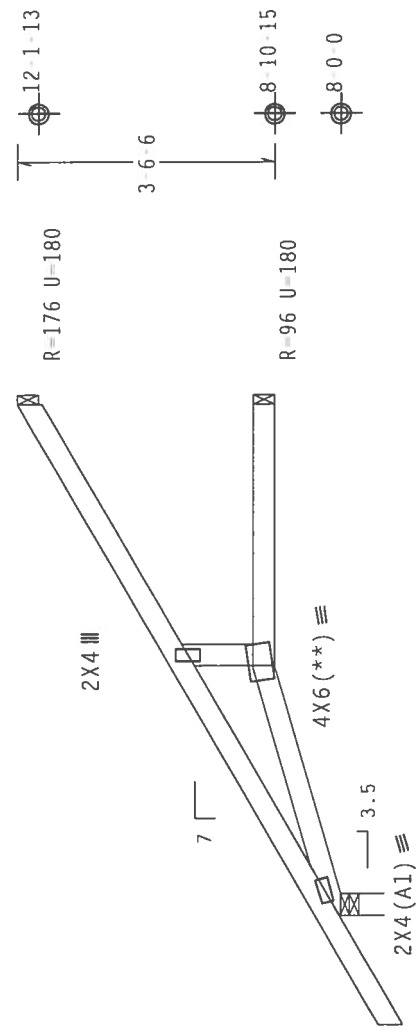
Deflection meets L/360 live and L/240 total load.

Shim all supports to solid bearing.

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 4'5.5."

(**) plate(s) require special positioning.
Refer to scaled plate plot details for special positioning requirements.



L=16'0"

3'-5'-0" 3'-7'-0"
7'-0'-0" Over 3 Supports
R=414 U=180 W=3.5"

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1230

PLT TYP. Wave R



****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), 593 W. 10TH AVE., SUITE 100, DENVER, CO 80202-1500, 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 AIAA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (M-H/S/K) ASTM A653 GRADE 40/60 (W. K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DESIGN INDICATES THE ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DRAWING SHOWN HEREON. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANY/TPI 1 SEC. 2.

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

QTY: 1	FL / - / 5 / - / - / R / -	Scale = .375" / Ft.
TC LL	20.0 PSF	REF R215 - 45546
TC DL	10.0 PSF	DATE 06/05/06
BC DL	10.0 PSF	DRW HCUSR215 06156007
BC LL	0.0 PSF	HC-ENG EC/ADR
TOT.LD.	40.0 PSF	SEQN - 118045 REV
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF - 1SXT215_Z01

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

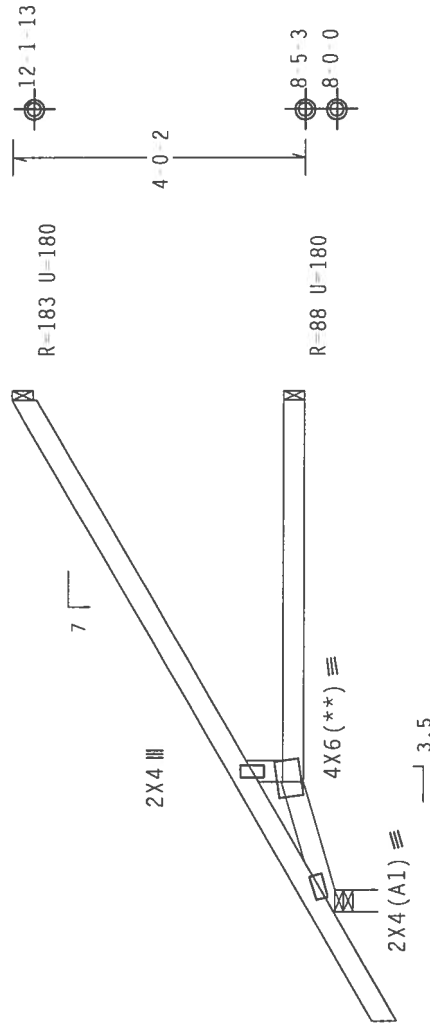
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf.

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

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 4-5-5.

(**) plate(s) require special positioning.
Refer to scaled plate plot
details for special positioning requirements.


$$\leq 1.607$$

$\overbrace{1-9-4}^{5-2-12}$
 $\overbrace{7-0-0}^{\text{Over 3 Supports}}$
 $R=414 \parallel 180 \text{ W} 3.5''$

PLT TYP. Wave\|R

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

7.24.123

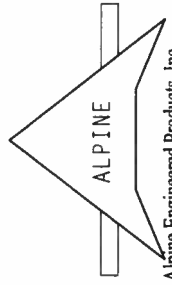
QTY:1 FL/-/5/-/-/R/-

Scale = .375" / Ft.

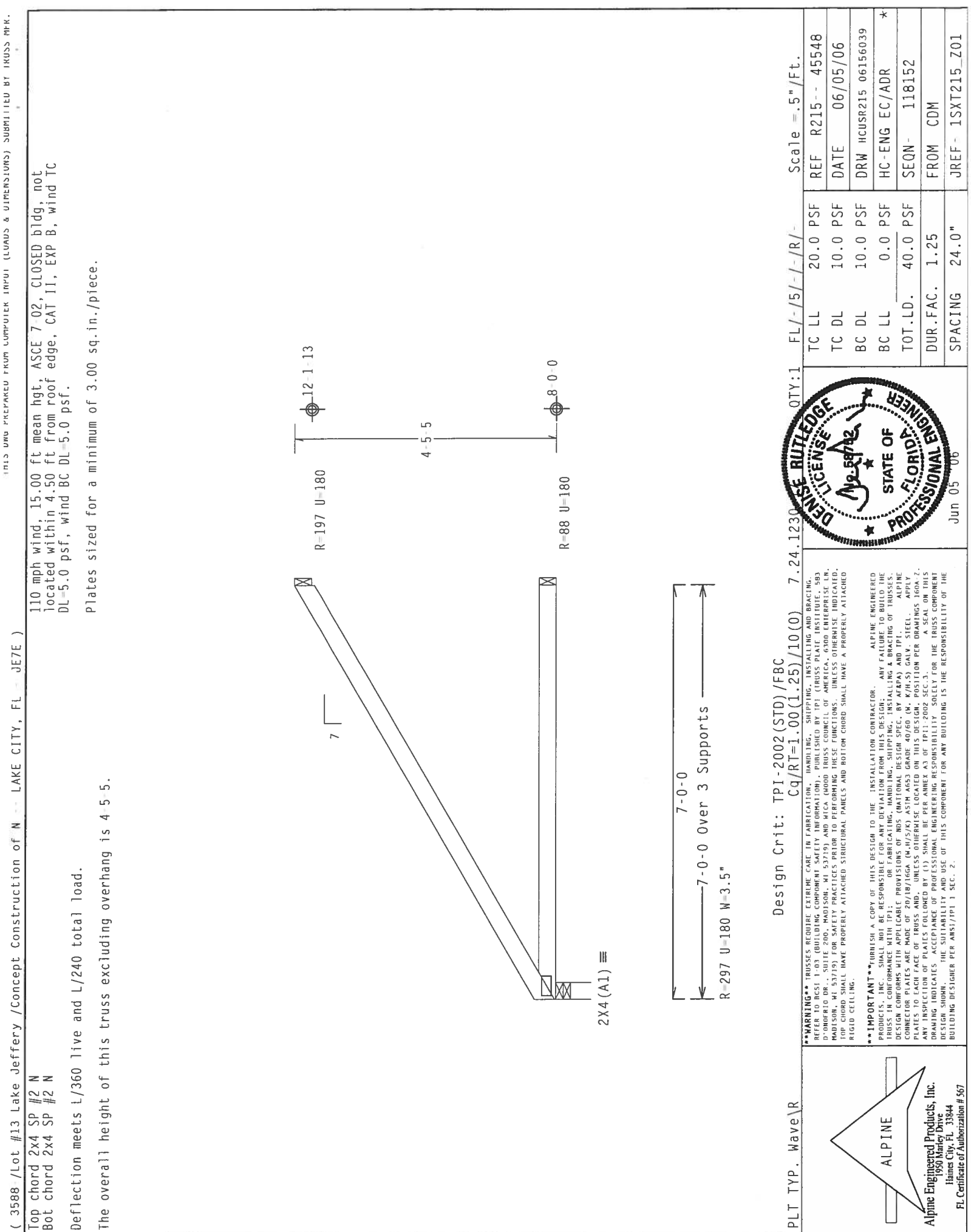
TC LL	20.0	PSF	REF	R215 - -	45547
TC DL	10.0	PSF	DATE	06/05/06	
BC DL	10.0	PSF	DRW	HCUSR215	06156009
BC LL	0.0	PSF	HC-ENG	EC/ADR	
TOT.LD.	40.0	PSF	SEQN-	118042	REV
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1SXT215	Z01



Jun 05 '06



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



(3588 /Lot #13 Lake Jeffery /Concept Construction of N - LAKE CITY, FL - JE7E)

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

Plates sized for a minimum of 3.00 sq.in./piece.

Top chord 2x4 SP #2 N

Bot chord 2x4 SP #2 N

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

The overall height of this truss excluding overhang is 4 5 5.

THIS DRAW PREPARED FROM COMPUTER INPUT (UNITS & DIMENSIONS) SUBMITTED BY KRUSS MFG.

PLT TYP. Wave\R

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1230

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

TC LL 20.0 PSF

TC DL 10.0 PSF

BC DL 10.0 PSF

BC LL 0.0 PSF

TOT.LD. 40.0 PSF

DUR.FAC. 1.25

SPACING 24.0"

REF R215 - 45548
DATE 06/05/06
DRW HCUSR215 06156039
HC-ENG EC/ADR
SEQN - 118152
FROM CDM
JREF - 1SXT215_Z01

ALPINE

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

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. DESIGNER SHALL 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 AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/18716GA (M-H/S/K) ASTM A653 GRADE 40/60 (N. K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-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.

****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 PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/18716GA (M-H/S/K) ASTM A653 GRADE 40/60 (N. K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-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.

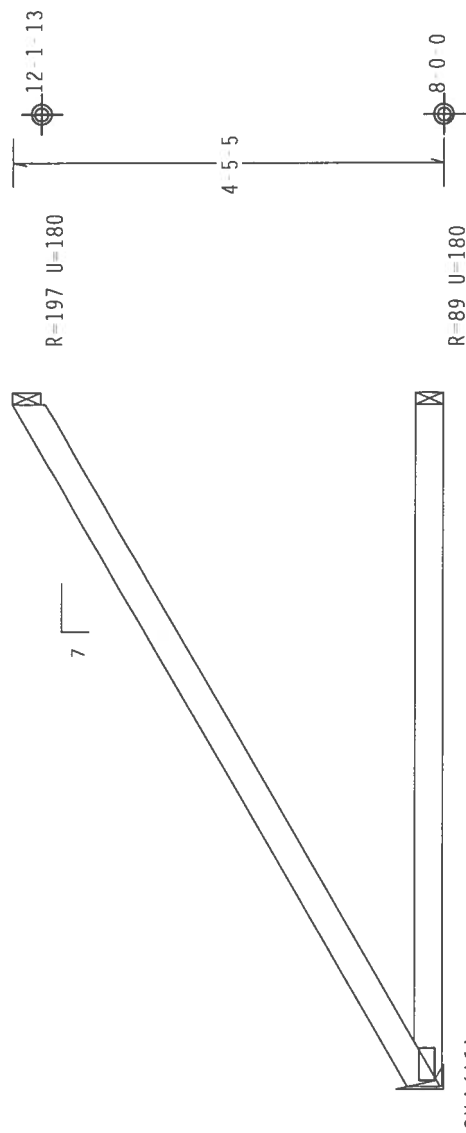
Top chord	2x4	SP	#2	N
Bot chord	2x4	SP	#2	N

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

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

Plates sized for a minimum of 3.00 sq. in./piece.

The overall height of this truss excluding overhang is 45.5.



$\overbrace{7-0-0}^{7-0-0}$
 $\overbrace{7-0-0 \text{ Over } 3 \text{ Supports}}^{7-0-0}$
 $\overbrace{296 \parallel 180}^{7-0-0}$

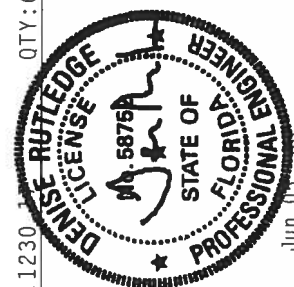
PLT TYP. Wave/R

Design Crit: TPI-2002(STD)/FBC
Ca/RT=1.00(1.25)/
$$Ca/RT = 1.00(1.25)/10(0) \quad 7$$

QTY: 6 EL 1-151-1-181-

Scale = 5"/Ft

TC LL	20.0	PSF	REF	R215 -	45549
TC DL	10.0	PSF	DATE	06/05/06	
BC DL	10.0	PSF	DRW	HCUSR215	06156075
BC LL	0.0	PSF	HC-ENG	EC/ADR	*
TOT.LD.	40.0	PSF	SEON-	118024	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1SX2T15_Z01	



Haines City, FL 33844
FL Certificate of Authorization # 567

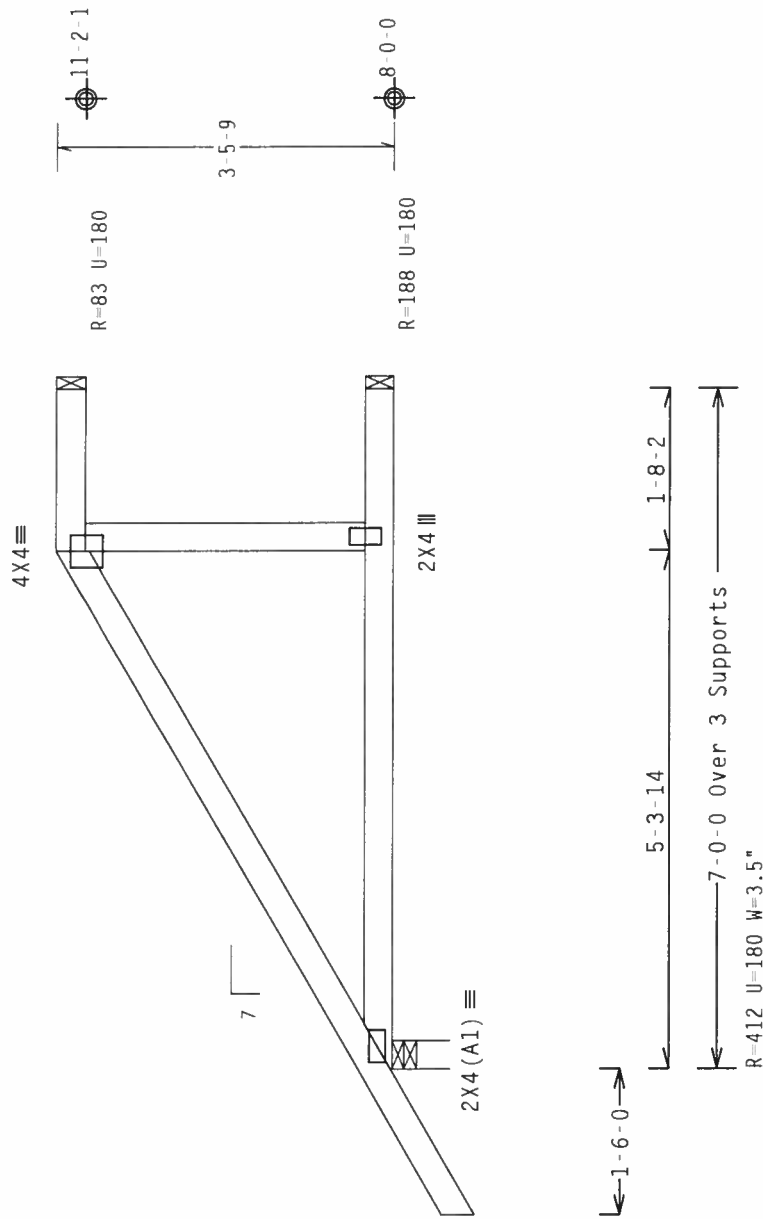
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

Plates sized for a minimum of 3.00 sq.in./piece.

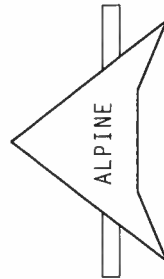
The overall height of this truss excluding overhang is 3-5-9.



Design Crit: TPI-2002(STD)/FBC

****WARNING**** THUSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. RIGID TO BESS 100 BUILDING COMPONENT SAFETY WARNING: THIS PRODUCT IS NOT TO BE USED IN ANY APPLICATIONS WHERE THE TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

*****IMPORTANT***** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPHEE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE DESIGN CONFORMS WITH THE FOLLOWING PARTICIPATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH THE FOLLOWING PROVISIONS: ALL TRUSSES SHALL BE DESIGNED TO MEET THE ALPHEE CONNECTOR PLATES ARE MADE OF 20/18/16GA./16GA./18 GA./ASTM A653 GRADE 40/50 A. KIN/ALU/STEEL PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER 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 1 SEC. 2.



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

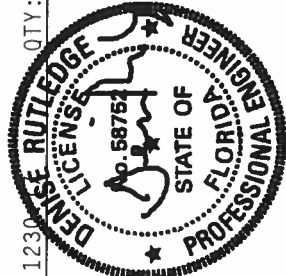
PLT TYP. Wave\R

 $Cq/RT=1.00(1.25)/10(0) \quad 7.24.1230$

QTY:1

Scale = .5"/Ft.

TC LL	20.0	PSF	REF	R215--	45550
TC DL	10.0	PSF	DATE	06/05/06	
BC DL	10.0	PSF	DRW	HCUSR215	06156077
BC LL	0.0	PSF	HC-ENG	EC/ADR	*
TOT.LD.	40.0	PSF	SEQN-	118039	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1SXT215	Z01



Jun 05 '06

(3588-/Lot #13 Lake Jeffery /Concept Construction of N - LAKE CITY, FL - JE7H)

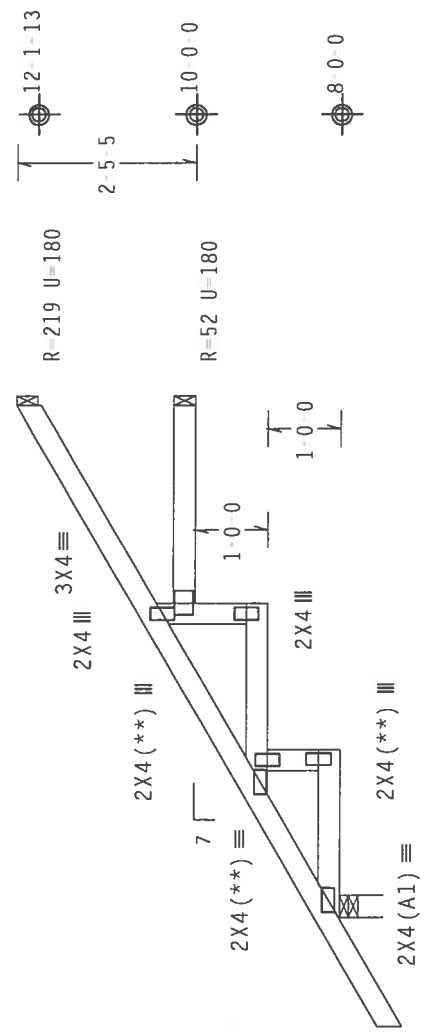
Top chord 2x4 SP SS
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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

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

Plates sized for a minimum of 3.00 sq.in./piece.

(**) Plate(s) require special positioning.
Refer to tooth count on scaled plot for special plate positioning requirements.

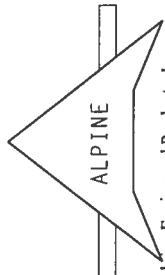


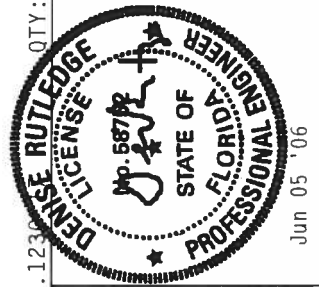
1-6-0

1-8-2 7-6 2-0-0 2-8-8
7-0-0 Over 3 Supports
R-412 U=180 W=3.5"

PLT TYP. Wave/R

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1230 QTY:4 FL/-5/-/R/- Scale = .375"/Ft.

 ALPINE Alpine Engineered Products, Inc. 1950 Nalley 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 PRACTICES (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 DUNSTON RD, SUITE 100, HAINES CITY, FL 33844) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.		TC LL	20.0	PSF	REF	R215 - -	45551	
	IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AFAPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/S/K) ASTM A653 GRADE 40/60 (W. K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 16GA-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGNER. NO USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.		TC DL	10.0	PSF	DATE	06/05/06		
			BC DL	10.0	PSF	DRW	HCUSR215	06156078	
			BC LL	0.0	PSF	HC-ENG	RK/ADR		
			TOT.LD.	40.0	PSF	SEQN-	117995		
						DUR.FAC.	1.25	FROM	CDM
			SPACING	24.0"	JREF-	1SXT215_Z01			



(3588 - /Lot #13 Lake Jeffery /Concept Construction of N - LAKE CITY, FL - JE7K)

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

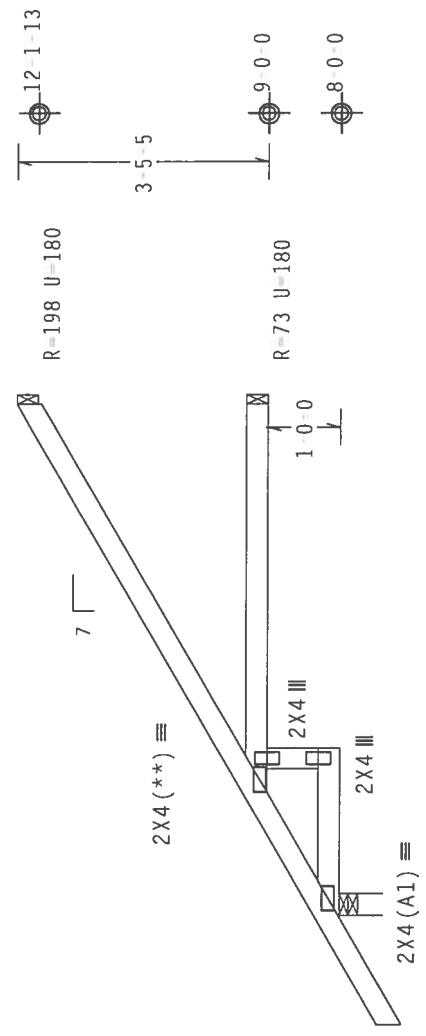
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

The overall height of this truss excluding overhang is 4-5 5.

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

Plates sized for a minimum of 3.00 sq.in./piece.

(**) Plate(s) require special positioning.
Refer to tooth count on scaled plot for special plate positioning requirements.

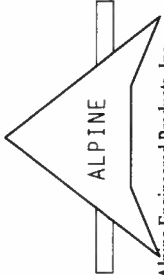


L=16 0

1-8-2 4-8-8
7-0-0 Over 3 Supports
R-412 U=180 W=3.5"

PLT TYP. Wave\R

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1230 QTY:2 FL/-5/-/-R/- Scale = .375"/Ft.



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

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. 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 2018/16GA (M-17/5/R) ASTM A653 GRADE 40/60 (W. K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS T604-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEK A3 OF TPI-2002 SEC.3. A SEAL ON THIS DESIGN SHOWS THE OCCURRENCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGNER'S USE. THIS COMPONENT OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AFAPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (M-17/5/R) ASTM A653 GRADE 40/60 (W. K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS T604-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEK A3 OF TPI-2002 SEC.3. A SEAL ON THIS DESIGN SHOWS THE OCCURRENCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGNER'S USE. THIS COMPONENT 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

DESIGNER'S LICENSE
STATE OF FLORIDA
PROFESSIONAL ENGINEER
NO 68762
JUN 05 '06

TC LL	20.0 PSF	REF	R215 - 45552
TC DL	10.0 PSF	DATE	06/05/06
BC DL	10.0 PSF	DRW	HCUSR215 06156076
BC LL	0.0 PSF	HC-ENG	RK/ADR
TOT.LD.	40.0 PSF	SEQN	118001
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF	1SXT215_Z01

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

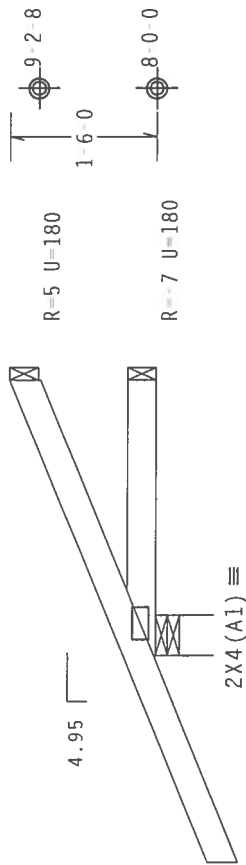
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Hipjack supports 2-0-0 setback jacks with no webs.

Plates sized for a minimum of 3.00 sq.in./piece.

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

The overall height of this truss excluding overhang is 1.60.



2-1-7
2-9-15 Over 3 Supports
R=166 U=180 W=4.95"

PLT TYP. Wave\R

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

7.24.1230

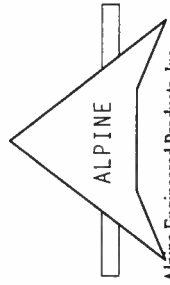
Scale = .5" / Ft.

TC LL	20.0 PSF	REF	R215 -	45553
TC DL	10.0 PSF	DATE	06/05/06	
BC DL	10.0 PSF	DRW	HCUSR215 06156012	
BC LL	0.0 PSF	HC-ENG	EC/ADR	
TOT.LD.	40.0 PSF	SEQN -	118146	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF -	1SXT215_Z01	



WARNING: THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLATION, AND BRACING. REFER TO DESIG 1-01 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IPI (IRVING PLATE INSTITUTE, 1503 D'ORFIO DR., SUITE 200, MADISON, WI 53719) AND MICA (WOOD BRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE, ILMADISON, 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. ASSUMES NO RESPONSIBILITY FOR THE CONSTRUCTION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE SPECIFICATIONS OF THIS DESIGN, INCLUDING THE USE OF TRUSSESS, CONNECTOR PLATES, OR PLATES, SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC.) FOR STEEL AND TIMBER. CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/12/24) ASTM A653 GRADE 40/50 (W/ 4/16 S) GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER AS OF 1/1/1 2002 SEC-3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMER/1/1 SEC. 2.



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

FL Certificate of Authorization # 567

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

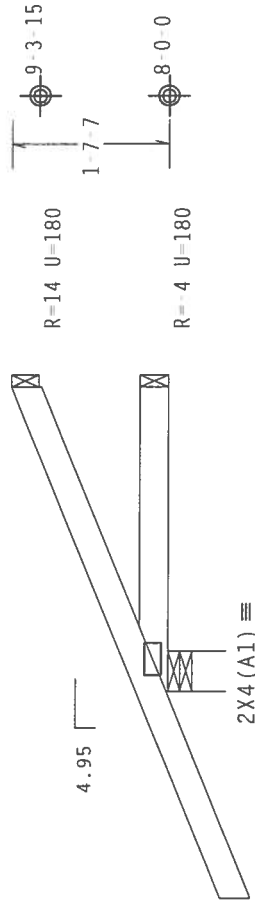
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Hipjack supports 2-2-8 setback jacks with no webs.

Plates sized for a minimum of 3.00 sq. in./piece.

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

The overall height of this truss excluding overhang is 17.7.


$$\overrightarrow{2-1-7}$$

3-1-8 Over 3 Supports

R=176 U=180 W=4 95"

PLT TYP. Wave/R

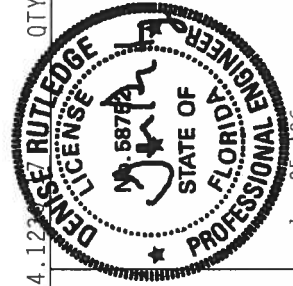
Design Crit: TPI-2002(STD)/FBC
Ca/RT=1.00(1.25)

7 24 123

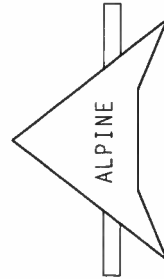
0TY·1 EI·1-151-1-181-

$$\text{scale} = 5/\text{E} +$$

TC LL	20.0	PSF	REF	R215--	45554
TC DL	10.0	PSF	DATE	06/05/06	
BC DL	10.0	PSF	DRW	HCUSR215	06156036
BC LL	0.0	PSF	HC-ENG	EC/ADR	
TOT.LD.	40.0	PSF	SEQN-	118130	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1SXT215_Z01	



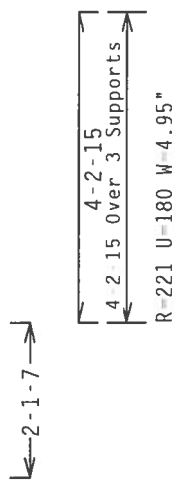
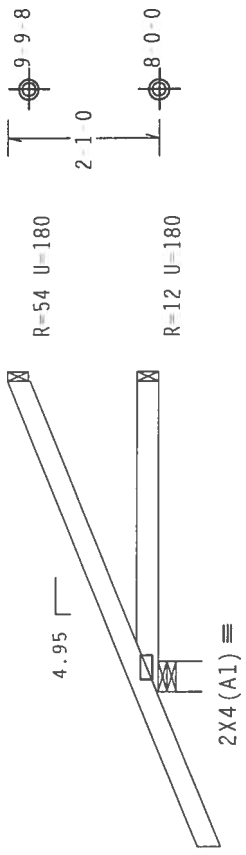
Jun 05 '06



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

El Certificate of Authorization # 567
Haines City, FL 33844

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Hipjack supports 3-0-0 setback jacks with no webs.
Plates sized for a minimum of 3.00 sq.in./piece.
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.
Deflection meets L/360 live and L/240 total load.
The overall height of this truss excluding overhang is 21-0.



PLT TYP. Wave\R

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

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

7.20.0918 7.20.0918 QTY:2 FL/-5/-/-R/- Scale = .375"/Ft.

TC LL	20.0 PSF	REF	R215-- 45555
TC DL	10.0 PSF	DATE	06/05/06
BC DL	10.0 PSF	DRW	HCUSR215 06156043
BC LL	0.0 PSF	HC-ENG	EC/ADR
TOT.LD.	40.0 PSF	SEQN-	101870
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1SXT215_Z01

****WARNING**** TRUSSES BEARING EXTERIOR LOADS IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-031 (BUILDING COMPONENT SAFETY INFORMATION), 1993, BY THE NATIONAL BUREAU OF STANDARDS, 422 NORTH 19TH STREET, ARLINGTON, VA 22203-4133, FOR THE LATEST EDITIONS OF THE NATIONAL TRUSS COUNCIL OF AMERICA (NTCA) TRUSS DESIGN SPECIFICATION, 1999, 1000 ENTERPRISE BLVD., MADISON, MI 48071-1900, AND VITA (WOOD TRUSS COUNCIL OF AMERICA) 6300 ENTERPRISE BLVD., MADISON, MI 48071-1900, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (M-H/5/K) ASTM A653 GRADE 40/60 (N. K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DESIGN INDICATES THE ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGNER'S USE. THE DESIGNER'S SIGNATURE AND SEAL ARE REQUIRED FOR THE TRUSS COMPONENT. THE DESIGNER'S SIGNATURE AND SEAL OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 7.

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

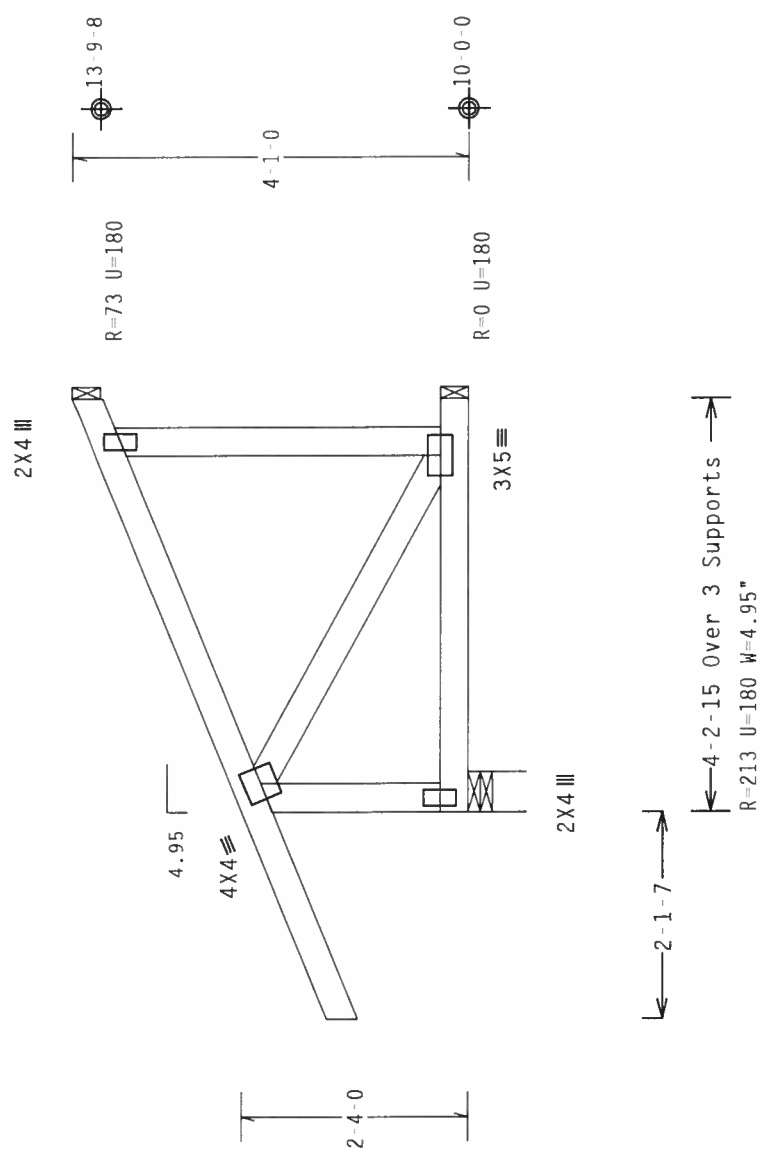
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

Hipjack supports 3'-0" setback jacks with no webs.

The overall height of this truss excluding overhang is 4'-1-0".

Plates sized for a minimum of 3.00 sq.in./piece.



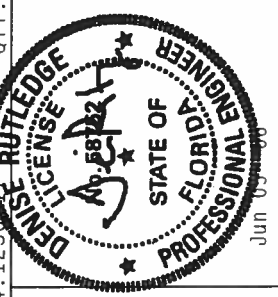
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1230

PLT TYP. Wave\R

QTY:1 FL/-/5/-/R/-

Scale = .5" / Ft.

TC LL	20.0 PSF	REF	R215 -- 45556
TC DL	10.0 PSF	DATE	06/05/06
BC DL	10.0 PSF	DRW	HCUSR215 06156025
BC LL	0.0 PSF	HC-ENG	EC/ADR
TOT.LD.	40.0 PSF	SEQN-	118172
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1SXT215_Z01



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCS1 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 MONROE DR., SUITE 200, MADISON, WI 53719) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6500 ENTERPRISE LN., MADISON, WI 53719) FOR ADDITIONAL INFORMATION. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND 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 (M/H/S/K) ASTM A653 GRADE 40/60 (M, K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

Alpine Engineered Products, Inc.
11400 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

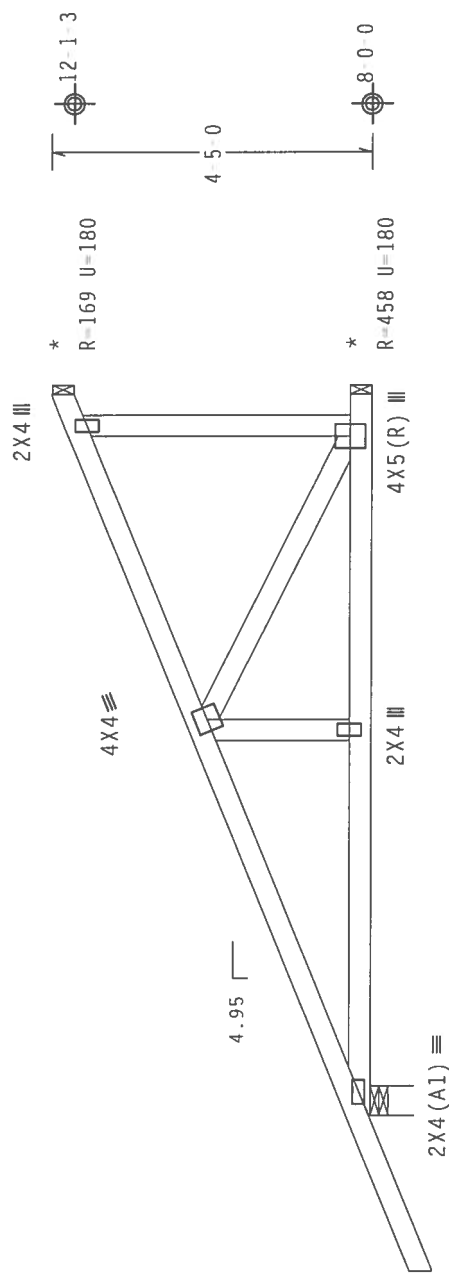
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Hipjack supports 7-0-0 setback jacks with no webs.
Plates sized for a minimum of 3.00 sq.in./piece.
* Toenail allowed based on average reaction.

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

Deflection meets L/360 live and L/240 total load.
The overall height of this truss excluding overhang is 4-5-0.

THIS WAS PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY KRUSS MFG.



← 2-1-7 →
← 9-10-13 Over 3 Supports →
R-466 U=180 W=4.95"

PLT TYP. Wave\R

ALPINE

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

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1230

Scale = .375"/Ft.

TC LL	20.0 PSF	REF	R215--	45557
TC DL	10.0 PSF	DATE	06/05/06	
BC DL	10.0 PSF	DRW	HCUSR215	06156081
BC LL	0.0 PSF	HC-ENG	EC/ADR	
TOT.LD.	40.0 PSF	SEQN	118036	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF	1SXT215_Z01	

QTY: 4 FL/-/5/-/R/-

Scale = .375"/Ft.

REF R215-- 45557

DATE 06/05/06

DRW HCUSR215 06156081

HC-ENG EC/ADR

SEQN 118036

FROM CDM

JREF 1SXT215_Z01

THIS WAS PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY KRUSS MFG.

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

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

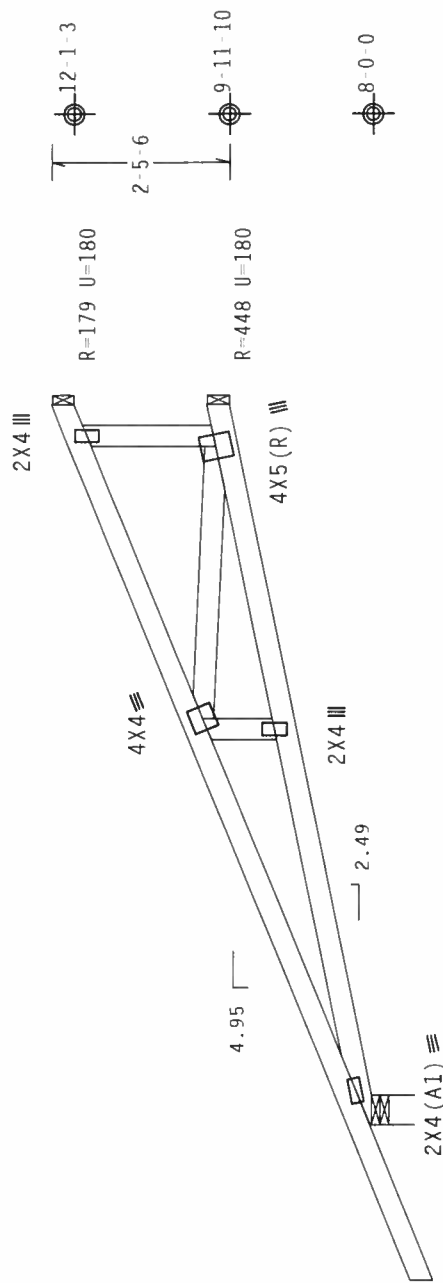
Hipjack supports 7-0-0 setback jacks with no webs.

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 4-5-0.

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

Shim all supports to solid bearing.



↓ 2 - 1 - 7 ↓

9-10-13 Over 3 Supports

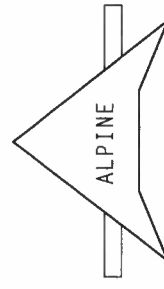
PLT_TYP. Wave\R

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

****WARNING**** THESE REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BECS-103 BUILDING COMPLEX SAFETY INFORMATION, PUBLISHED BY TPI (TROSS PLATE INSTITUTE), 983 COLUMBIA AVENUE, CHICAGO, ILLINOIS 60642 AND A4000 SERIES CONNECTIONS, PUBLISHED BY TPI, 6500 INDUSTRIAL COURT, MADISON, WISCONSIN 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE CONNECTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED DECKING.

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

*****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 IT); OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING TO TRUSSES. DESIGNATIONS ON APPLICABLE PROVISIONS OF AISI (NATIONAL DESIGN SPEC., BY AIA/PAPI) AND IPTI, ALPINE ENGINEERED PRODUCTS, INC. SHALL BE USED TO IDENTIFY ALL DIMENSIONS, MATERIALS, FINISHES, COATINGS, AND PLATES TO EACH FACE OF TRUSSES AND UNLESS OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DRAWINGS. IF ANY INSPECTION OF PLATES FOLLOWED BY (1). SHALL BE PER AMBER A3 OF IPTI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT BEING SHOWN. THE SUBMITTAL FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMS/IPTI 1 SEC. 2.



Haines City, FL 33844
FL Certificate of Authorization # 567

FL/-/5/-/-R/-		Scale =.375"/Ft.
TC LL	20.0 PSF	REF R215 - - 45558
TC DL	10.0 PSF	DATE 06/05/06
BC DL	10.0 PSF	DRW HCUSR215 0615041
BC LL	0.0 PSF	HC-ENG EC/ADR
TOT.LD.	40.0 PSF	SEQN- 118067
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1SXT215 Z01

(3588- /Lot #13 Lake Jeffery /Concept Construction of N - LAKE CITY, FL - K1GE)

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

Plates sized for a minimum of 3.00 sq.in./piece.

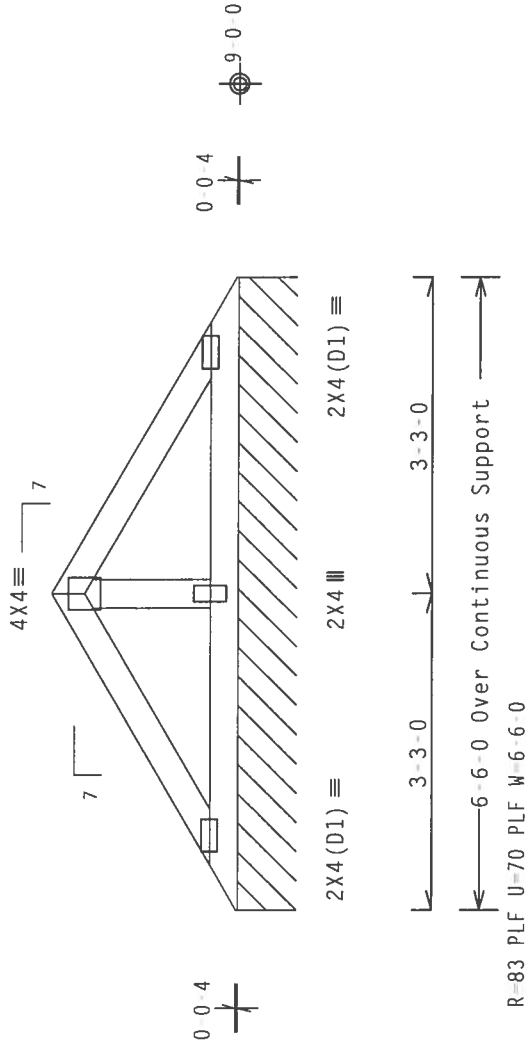
THE BUILDING DESIGNER IS RESPONSIBLE FOR THE DESIGN OF THE ROOF AND CEILING DIAPHRAGMS, GABLE END SHEAR WALLS, AND SUPPORTING SHEAR WALLS. SHEAR WALLS MUST PROVIDE CONTINUOUS LATERAL RESTRAINT TO THE GABLE END. ALL CONNECTIONS TO BE DESIGNED BY THE BUILDING DESIGNER.

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

See DWGS A11015EE0405 & GBLLETIN0405 for more requirements.

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

The overall height of this truss excluding overhang is 1-11-0.



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

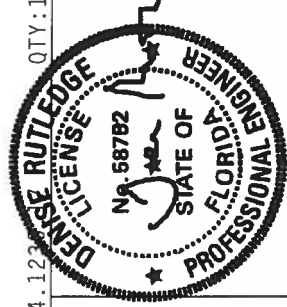
PLT TYP. Wave/R

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGNER, MANUFACTURER, OR INSTALLER SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE BUILDING OR PERSONS. UNLESS OTHERWISE SPECIFIED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGNER, MANUFACTURER, OR INSTALLER SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE BUILDING OR PERSONS. UNLESS OTHERWISE SPECIFIED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.



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



Jun 05 '06

QTY: 1	FL / - / 5 / - / R / -	Scale = .5" / Ft.
TC LL	20.0 PSF	REF R215 - - 45559
TC DL	10.0 PSF	DATE 06/05/06
BC DL	10.0 PSF	DRW HCUSR215 06156032
BC LL	0.0 PSF	HC-ENG EC/ADR
TOT.LD.	40.0 PSF	SEQN - 118074
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF - 1SXT215 Z01

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 63 PLF at 1.50 to 63 PLF at 8.00
BC - From 5 PLF at 1.50 to 5 PLF at 0.00
BC - From 20 PLF at 0.00 to 5 PLF at 8.00
PLB 130 LB Conc. Load at (0.90,8.04), (2.90,8.04), (3.60,8.04)
(5.60,8.04)

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

The overall height of this truss excluding overhang is 2-3-1.

SEE DWGS BCFILLER1103 FOR FILLER DETAILS.
LATERAL BRACE BOTTOM CHORD ABOVE FILLER @24"OC.
INCLUDING A LATERAL BRACE AT CHORD ENDS.

2 COMPLETE TRUSSES REQUIRED

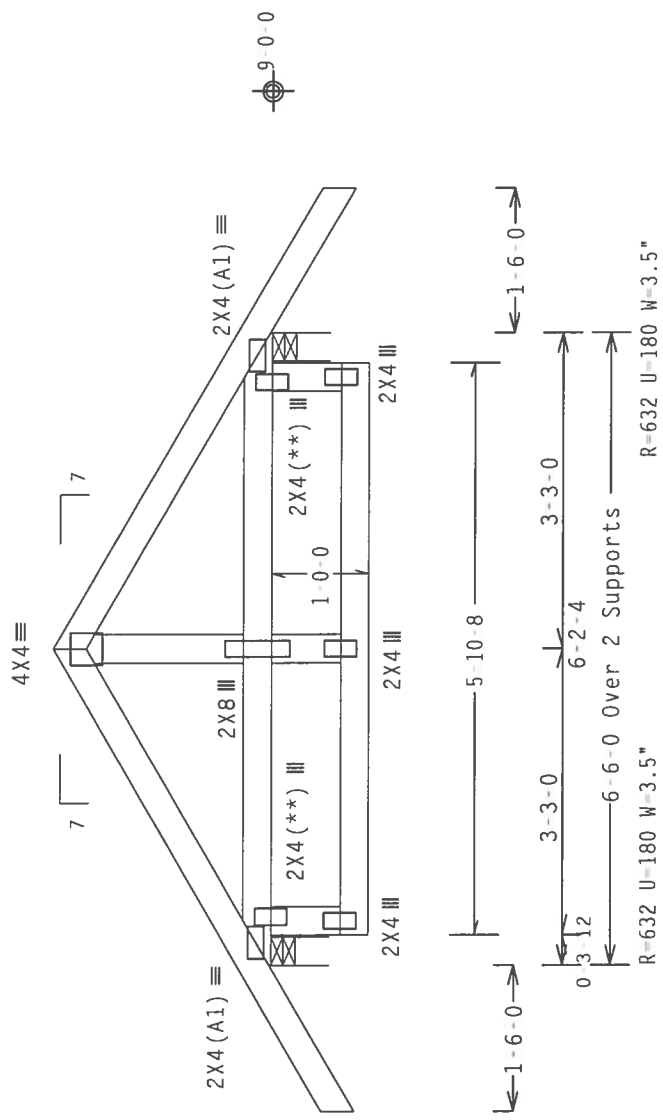
Nailing Schedule: (0.131"x3" Gun_nails)
Top Chord: 1 Row @12.00" O.C.
Bot Chord: 1 Row @12.00" O.C.
Webs : 1 Row @ 4" O.C.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

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

Plates sized for a minimum of 3.00 sq.in./piece.

LOADING HAS BEEN CALCULATED BY THE TRUSS MANUFACTURER. IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO VERIFY AND APPROVE THE LOADING.

(**) plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.



PLT TYP. Wave/R

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.123



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THE USER MUST FOLLOW THE INSTRUCTIONS AND SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 OLYMPIAN BLVD., SUITE 100, FARMINGTON, CT 06031-1500, TEL: 860-676-1111, FAX: 860-676-1112, WWW.TPI-TRUSSES.COM) AND THE MANUFACTURER'S INSTRUCTIONS. 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 A BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/P) AND TPI. CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/S/K) ASTM A653 GRADE 40/60 (N. K/H/S) 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 ANNEX A3 OF TPI 2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT MANUFACTURED BY ALPINE ENGINEERED PRODUCTS, INC. AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 7.

ALPINE

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

QTY:1	FL/-5/-/R/-	Scale = .5" / Ft.
TC LL	20.0 PSF	REF R215 - 45560
TC DL	10.0 PSF	DATE 06/05/06
BC DL	10.0 PSF	DRW HCUSR215 06156015
BC LL	0.0 PSF	HC-ENG EC/ADR
TOT.LD.	40.0 PSF	SEQN- 118106 REV
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1SXT215_Z01

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

110 mph wind, 19.88 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=1.2 psf.

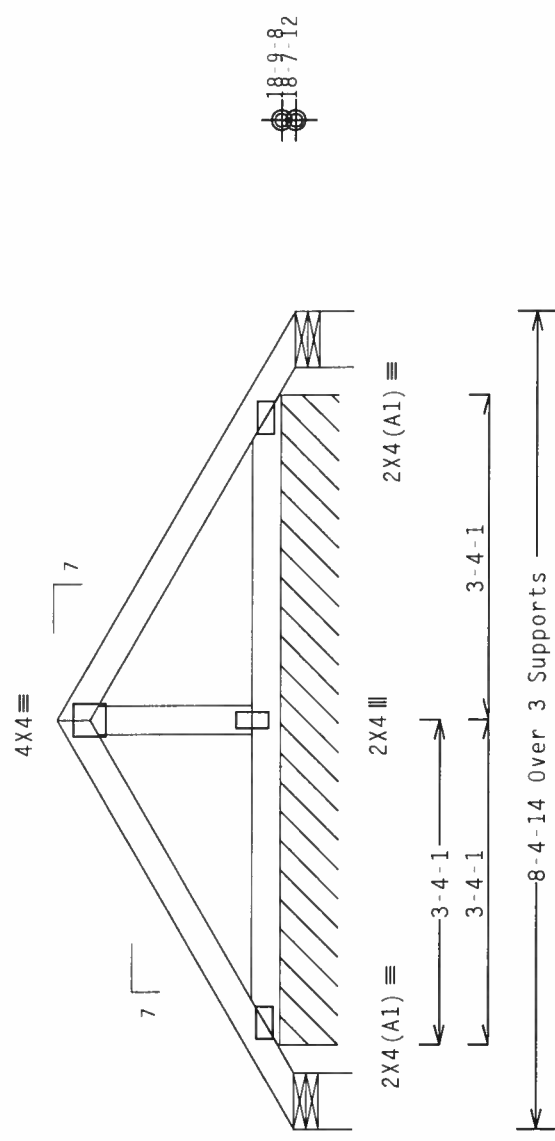
In lieu of rigid ceiling use purlins to brace BC @ 24" OC.

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

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 2'-5"-7".

REFER TO DRAWING PIGGYBACK0204 FOR PIGGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED @ 24" O.C.



R=19 U=180 W=6.946"
(6.732" Effective Contact)

R=84 PLF U=28 PLF W=6-8-2
(6.732" Effective Contact)

R=19 U=180 W=6.946"
(6.732" Effective Contact)

PLT TYP. Wave\R
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1238

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. 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 AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/106A (M-H/S/K) ASTM A653 GRADE 40/60 (M. K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT MANUFACTURED BY ALPINE ENGINEERED PRODUCTS, INC. THE SUBSEQUENT USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISI/TPI 1 SEC. 2.

****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 PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/106A (M-H/S/K) ASTM A653 GRADE 40/60 (M. K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT MANUFACTURED BY ALPINE ENGINEERED PRODUCTS, INC. THE SUBSEQUENT USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISI/TPI 1 SEC. 2.

ALPINE

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

STATE OF FLORIDA

PROFESSIONAL ENGINEER

License

58762

Jun 05 '06

QTY: 7	FL/-/5/-/-/R/-	Scale = 5"/Ft.
TC LL	20.0 PSF	REF R215-- 45561
TC DL	10.0 PSF	DATE 06/05/06
BC DL	2.0 PSF	DRW HCUSR215 06156080
BC LL	0.0 PSF	HC-ENG EC/ADR
TOT.LD.	32.0 PSF	SEQN- 117984
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1SXT215_Z01

(3588 - Lot #13 Lake Jeffery /Concept Construction of N - LAKE CITY, FL - PB-A2)

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

110 mph wind, 19.63 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=1.2 psf.

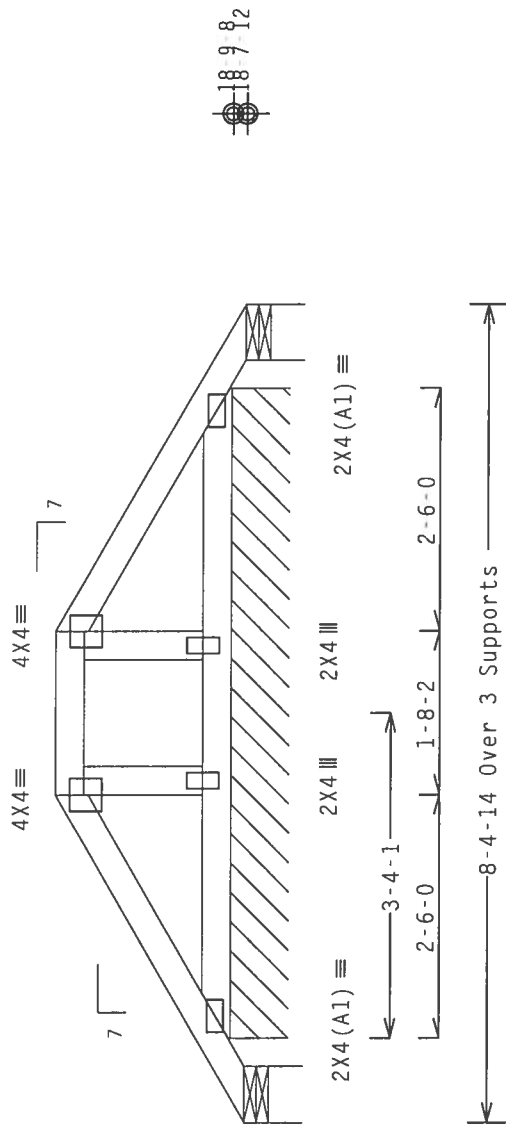
In lieu of structural panels or rigid ceiling use purlins to brace all flat TC @ 24" OC, all BC @ 24" OC.

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

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 1-11 9.

REFER TO DRAWING PIGBACKB0204 FOR PIGGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED @ 24" O.C.



PLT TYP. Wave/R

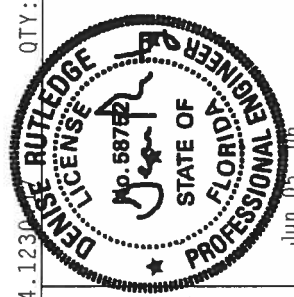
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1230

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (H/5/S/K) ASTM A553 GRADE 40/60 (W, K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN. NO LIABILITY FOR USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (H/5/S/K) ASTM A553 GRADE 40/60 (W, K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN. NO LIABILITY FOR USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE

Alpine Engineered Products, Inc.
11400 Hwy 13844
Haines City, FL 33844
FL Certificate of Authorization # 567

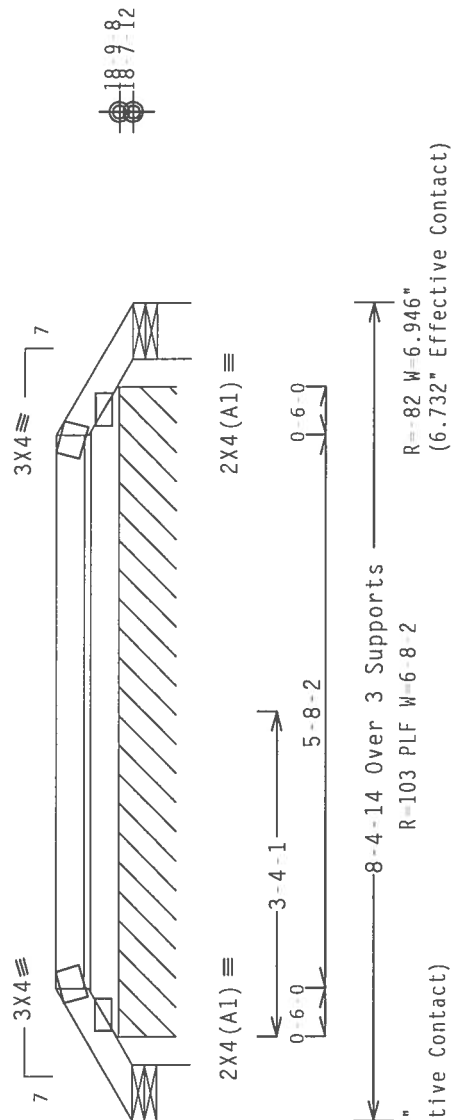


QTY: 1	FL / - / 5 / - / R / -	Scale = .5" / Ft.
TC LL	20.0 PSF	REF R215 - - 45562
TC DL	10.0 PSF	DATE 06/05/06
BC DL	2.0 PSF	DRW HCUSR215 06156065
BC LL	0.0 PSF	HC-ENG EC/ADR
TOT.LD.	32.0 PSF	SEQN - 117987
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF - 1SXT215_Z01

(3588 -/Lot #13 Lake Jeffery /Concept Construction of N -- LAKE CITY, FL - PB-A3)

Top chord 2x4 SP #2 N
Bot chord 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.
Plates sized for a minimum of 3.00 sq.in./piece.

Deflection meets L/360 live and L/240 total load.
The overall height of this truss excluding overhang is 0-9-9.
REFER TO DRAWING PIGBACK0204 FOR PIGGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED @ 24" O.C.



PLT TYP. Wave/R

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

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1238

R=82 W=6.946"
(6.732" Effective Contact)

R=103 PLF W-6-8-2

R=82 W=6.946"
(6.732" Effective Contact)

QTY: 1 FL / - / 5 / - / - / R / -

Scale = .5" / Ft.

TC LL	20.0 PSF	REF	R215 -	45563
TC DL	10.0 PSF	DATE	06/05/06	
BC DL	2.0 PSF	DRW	HCUSR215	06156068
BC LL	0.0 PSF	HC-ENG	EC/ADR	
TOT.LD.	32.0 PSF	SEQN	117990	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF	1SXT215_Z01	

CLB WEB BRACE SUBSTITUTION

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

NOTES:

THIS DETAIL IS ONLY APPLICABLE FOR CHANGING THE SPECIFIED CLB SHOWN ON SINGLE PLY SEALED DESIGNS TO T-BRACING OR SCAB BRACING.

ALTERNATIVE BRACING SPECIFIED IN CHART BELOW MAY BE CONSERVATIVE. FOR MINIMUM ALTERNATIVE BRACING, RE-RUN DESIGN WITH APPROPRIATE BRACING.

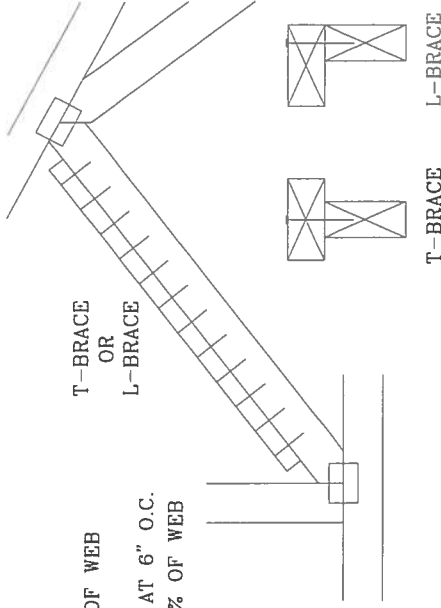
WEB MEMBER SIZE	SPECIFIED CLB BRACING	T OR L-BRACE	ALTERNATIVE BRACING
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

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

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

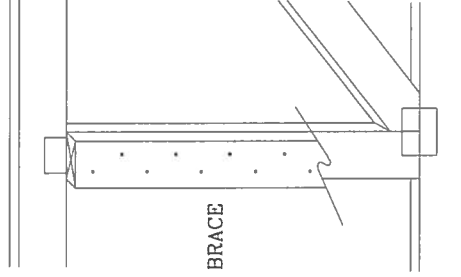
T-BRACING OR L-BRACING:

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



SCAB BRACING:

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



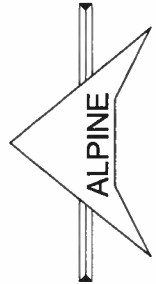
THIS DRAWING REPLACES DRAWING 579.640



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 DINGRIDD DR., SUITE 200, MADISON, VT 53719) AND WPCA (WOOD TRUSS COUNCIL, 1000 WOOD TRUSS DRIVE, SUITE 100, FARMINGTON, CT 06031) FOR ADDITIONAL INFORMATION. THESE FUNCTIONS, UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AISC) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (W/H/S/K) ASTM A653 GRADE 50 (W/H/S/K) AND TPI. ALPINE TRUSSES ARE DESIGNED TO BE USED WITH 16d NAILS. ALL TRUSSES SHALL BE PER ANEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF THE PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. PER ANSI/TPI 1 SEC. 2.

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



ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

BEARING BLOCK NAIL SPACING DETAIL

MAXIMUM NUMBER OF NAIL LINES PARALLEL TO GRAIN

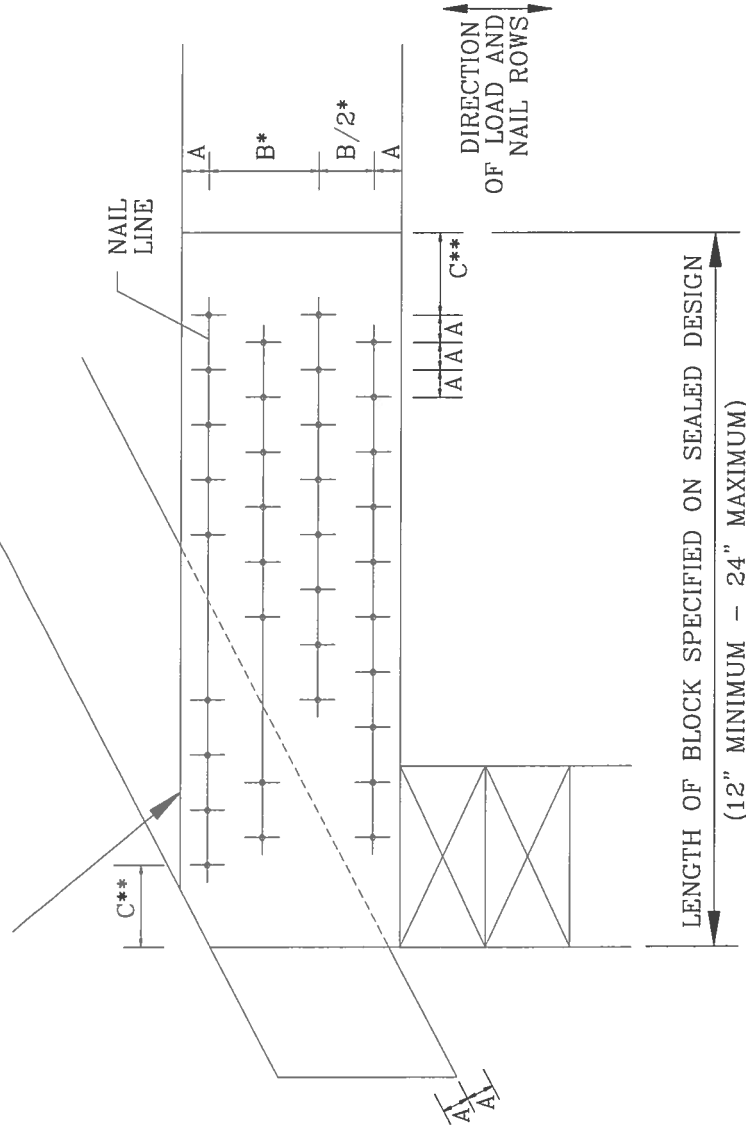
NAIL TYPE	CHORD SIZE				
	2X4	2X6	2X8	2X10	2X12
8d BOX (0.113"x2.5")	3	6	9	12	15
10d BOX (0.128"x3")	3	5	7	10	12
12d BOX (0.128"x3.25")	3	5	7	10	12
16d BOX (0.135"x3.5")	3	5	7	10	12
20d BOX (0.148"x4")	2	4	5	6	8
8d COMMON (0.131"x2.5")	3	5	7	10	12
10d COMMON (0.148"x3")	2	4	6	8	10
12d COMMON (0.148"x3.25")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

MINIMUM SPACING FOR SINGLE BEARING BLOCK IS SHOWN. DOUBLE NAIL SPACINGS AND STAGGER NAILING FOR TWO BLOCKS. GREATER SPACING MAY BE REQUIRED TO AVOID SPLITTING.

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

IF NAIL HOLES ARE PREBORED, SOME SPACING MAY BE REDUCED BY THE AMOUNTS GIVEN BELOW:
• SPACING MAY BE REDUCED BY 50%
•• SPACING MAY BE REDUCED BY 33%

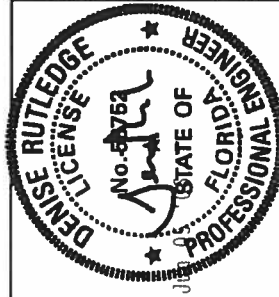
BEARING BLOCK TO BE SAME SIZE AND SPECIES AS BOTTOM CHORD. BLOCKS MAY BE ANY GRADE WITHIN THE SPECIES, PROVIDED THE COMPRESSION PERPENDICULAR TO GRAIN VALUE (F_c -perp) IS AT LEAST THAT OF THE CHORD.



MINIMUM NAIL SPACING DISTANCES

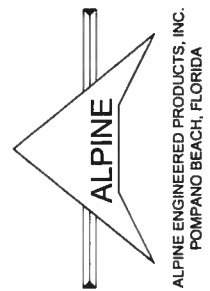
NAIL TYPE	DISTANCES		
	A	B*	C**
8d BOX (0.113"x2.5")	3/4"	1 3/8"	1 3/4"
10d BOX (0.128"x3")	7/8"	1 5/8"	2"
12d BOX (0.128"x3.25")	7/8"	1 5/8"	2"
16d BOX (0.135"x3.5")	7/8"	1 5/8"	2 1/8"
20d BOX (0.148"x4")	1"	1 7/8"	2 1/4"
8d COMMON (0.131"x2.5")	7/8"	1 5/8"	2"
10d COMMON (0.148"x3")	1"	1 7/8"	2 1/4"
12d COMMON (0.148"x3.25")	1"	1 7/8"	2 1/4"
16d COMMON (0.162"x3.5")	1"	2"	2 1/2"
0.120"x2.5" GUN	3/4"	1 1/2"	1 7/8"
0.131"x2.5" GUN	7/8"	1 5/8"	2"
0.120"x3.0" GUN	3/4"	1 1/2"	1 7/8"
0.131"x3.0" GUN	7/8"	1 5/8"	2"

THIS DRAWING REPLACES DRAWING B139 AND CNBRGBLK0699



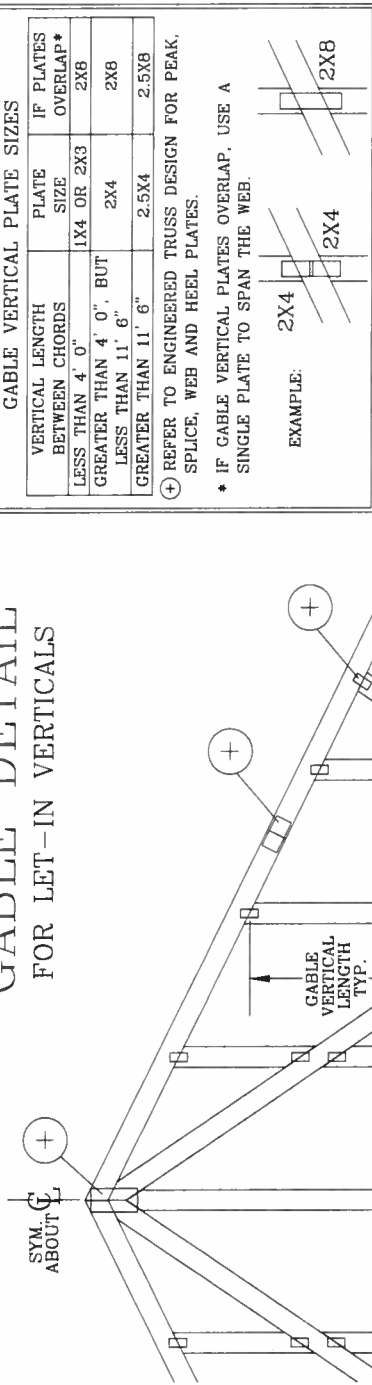
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 583 DONDROFF DR., SUITE 200, MADISON, WI 53719, AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE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

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS NATIONAL DESIGN SPEC. BY AF&PA AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (W/H/S/K) ASTM A653 GRADE 40/60 (W/K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (C) SHALL BE PER ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SEAL IS NOT VALID FOR ANY OTHER COMPONENT OR FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.



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

GABLE DETAIL FOR LET-IN VERTICALS



PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.

ATTACH EACH "T" REINFORCING MEMBER WITH HAND DRIVEN NAILS:

10d COMMON (0.148" X 3.1" MIN) TOENAILS AT 4" O.C. PLUS

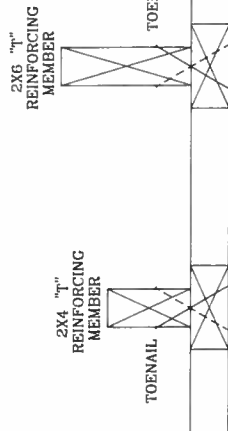
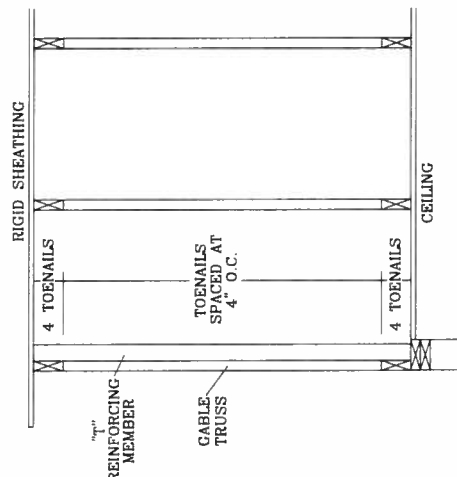
(4) 10d COMMON (0.162" X 3.5" MIN) TOENAILS IN TOP AND BOTTOM CHORD.

8d COMMON (0.131" X 2.5" MIN) TOENAILS AT 4" O.C. PLUS

(4) TOENAILS IN TOP AND BOTTOM CHORD.

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

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



TO CONVERT FROM "L" TO "T" REINFORCING MEMBERS, MULTIPLY "T" FACTOR BY LENGTH (BASED ON GABLE VERTICAL SPECIES, GRADE AND SPACING) FOR (1) 2X4 "L" BRACE, GROUP A, OBTAINED FROM THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR SBCCI WIND LOAD.

MAXIMUM ALLOWABLE "T" REINFORCED GABLE VERTICAL LENGTH IS 14' FROM TOP TO BOTTOM CHORD.

WEB LENGTH INCREASE W/ "T" BRACE

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

EXAMPLE:

ASCE WIND SPEED = 100 MPH

MEAN ROOF HEIGHT = 30 FT

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

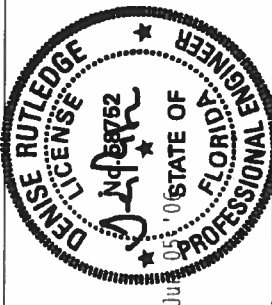
"T" REINFORCING MEMBER SIZE = 2X4

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

(1) 2X4 "L" BRACE LENGTH = 6' 7"

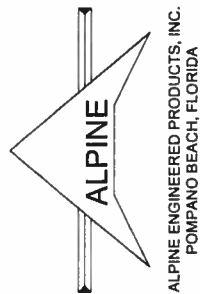
MAXIMUM "T" REINFORCED GABLE VERTICAL LENGTH 1.10 x 6' 7" = 7' 3"

THIS DRAWING REPLACES DRAWINGS GAB98117 876,719 & HC26294035



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

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI, OR 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 (W/H/S/K) ASTM A653 GRADE 40/60 (W/K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (C) SHALL BE CONSIDERED ACCEPTANCE OF THE DESIGN. THIS DRAWING INDICATES ACCEPTANCE OF THE DESIGN BY THE PROFESSIONAL ENGINEER. THE PROFESSIONAL ENGINEER'S RESPONSIBILITY IS TO THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.



REF	LET-IN VERT
DATE	04/14/05
DRWG	GBLLETIN0405
-ENG	DLJ/KAR

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