

Alpine Engineered Products, Inc.

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

Florida Engineering Certificate of Authorization Number: 567

Page 1 of 1 Document ID: 1S2Q215-Z1015095745

Truss Fabricator: W.B. Howland

Job Identification: 9132-BRYAN ZECHER - SPEC HOUSE (-)

Truss Count: 54

Model Code: Florida Building Code

Truss Criteria: ANSI/TPI

Engineering Software: Alpine Software, Version .

Structural Engineer of Record:

Address:

Truss Design Loads: Roof - 40 PSF @ 1.25 Duration

Floor - N/A

Wind - 110 MPH (ASCE 7-98)

Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1-1995 Section 2.2
2. The seal date shown on the individual truss component drawings must match the seal date on this index sheet.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR215

Seal Date: 05/15/2003

-Truss Design Engineer-

Manuel Martinez

Florida License Number: 47182

1950 Marley Drive

Haines City, FL 33844

Details: CNBRGBLK-BRCLBSUB-A11015EC-GBLLETIN

#	Ref	Description	Drawing#
1	37418--H7A		03134068
2	37419--H9A		03134069
3	37420--H11A		03134070
4	37421--H13A		03134071
5	37422--H15A		03134072
6	37423--H17A		03134073
7	37424--A1		03134074
8	37425--A2		03134075
9	37426--A3		03134076
10	37427--A4		03134077
11	37428--A5		03134078
12	37429--H7B		03134079
13	37430--H9B		03134080
14	37431--B1		03134081
15	37432--H7C		03134082
16	37433--H9C		03134083
17	37434--CG		03134084
18	37435--H7D		03134085
19	37436--H9D		03134086
20	37437--DG		03134087
21	37438--HJ7		03134088
22	37439--HJK		03134089
23	37440--EJ7		03134090
24	37441--J7C		03134091
25	37442--JK1		03134092
26	37443--JK2		03134093
27	37444--JK3		03134094
28	37445--J7KK		03134095
29	37446--JK4		03134096
30	37447--HJJK		03134097
31	37448--J5		03134098
32	37449--J5K		03134099
33	37450--HJA		03134100
34	37451--J3KK		03134101
35	37452--J3K		03134102
36	37453--J2KK		03134103
37	37454--J1KK		03134104
38	37455--J3		03134105

#	Ref	Description	Drawing#
39	37456--J1		03134106
40	37457--J1K		03134107
41	37458--J1KK		03134108
42	37459--H7K		03134109
43	37460--H9K		03134110
44	37461--H11K		03134111
45	37462--H13K		03134112
46	37463--H15K		03134113
47	37464--K1		03134114
48	37465--K2		03134115
49	37466--K3		03134116
50	37467--K4		03134117
51	37468--K5		03134118
52	37469--K6		03134119
53	37470--R1-GE		03134120
54	37471--R2		03134121



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

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.

Deflection meets L/360 live and L/240 total load.
The overall height of this truss excluding overhang is 6-10-3.

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

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

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.

Deflection meets L/360 live and L/240 total load.
The overall height of this truss excluding overhang is 6-10-3.

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

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

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.

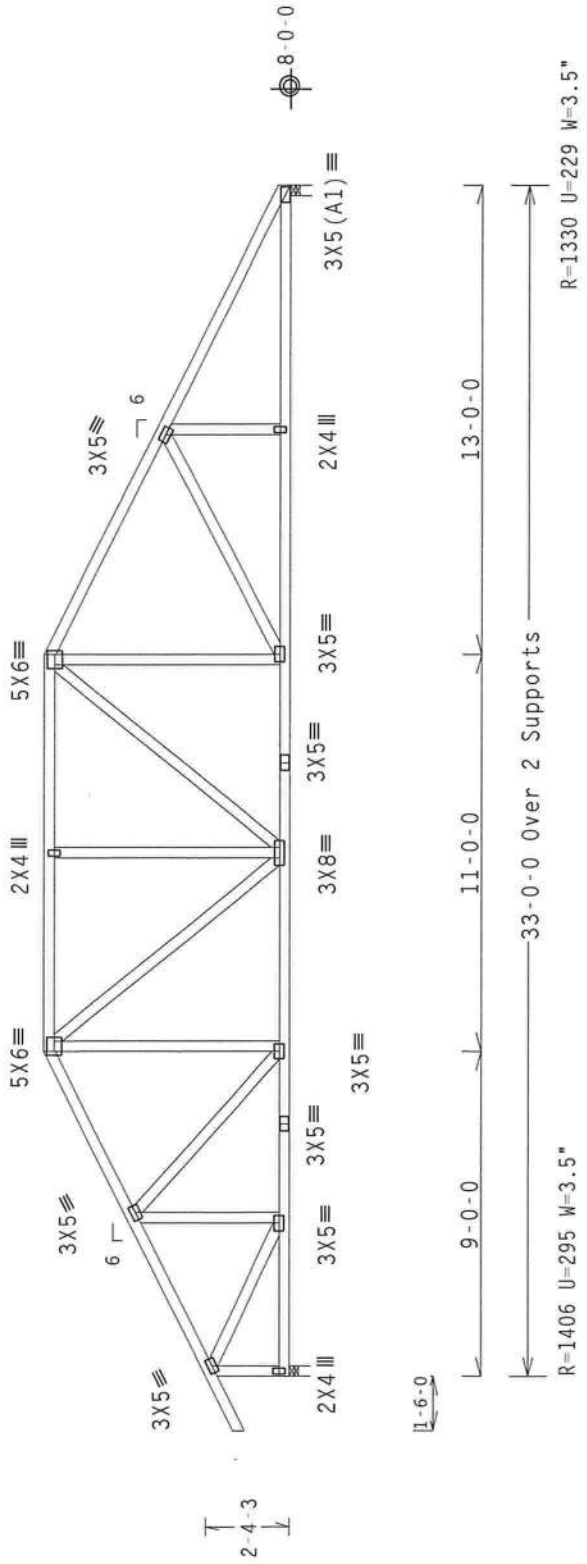
Deflection meets L/360 live and L/240 total load.
The overall height of this truss excluding overhang is 6-10-3.

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

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

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.

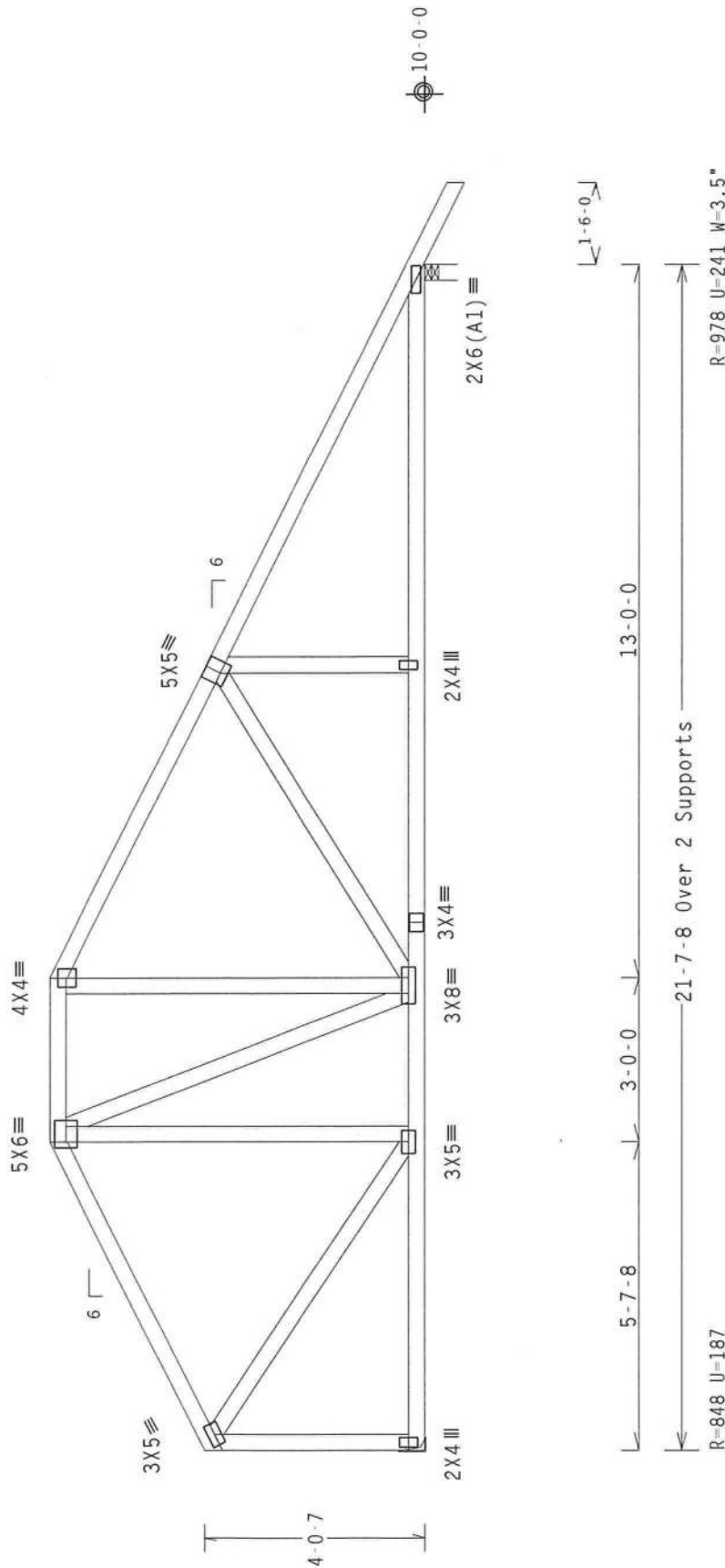
Deflection meets L/360 live and L/240 total load.
The overall height of this truss excluding overhang is 6-10-3.



PLT TYP. Wave TPI 95\R		Design Crit: TPI(STD)/FLBC		Scale = .1875" / Ft.	
TC LL	20.0 PSF	REF	R215 -37421	TC LL	20.0 PSF
TC DL	10.0 PSF	DATE	05/14/03	TC DL	10.0 PSF
BC DL	10.0 PSF	DRW	HCUSR215 03134071	BC DL	10.0 PSF
BC LL	0.0 PSF	HC-ENG	CR/MMA	BC LL	0.0 PSF
TOT.LD.	40.0 PSF	SEQN-	37207	TOT.LD.	40.0 PSF
DUR.FAC.	1.25	FROM	JP	DUR.FAC.	1.25
SPACING	24.0"	JREF-	1S20215_Z10	SPACING	24.0"

110 mph wind, 13.22 ft mean hgt., ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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



R=848 U=187

R=978 U=241 W=3.5"

Design Crit: TPI (STD)/FLBC

6.10

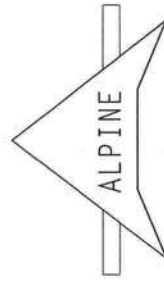
FL/-/5/-/-/R/-

Scale = .3125"/Ft.

"WARNING"- TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND UNLOADING. REFER TO HIB-91 (HANDLING, INSTALLING AND BRACING), PUBLISHED BY TPI (TRUSS INSTITUTION), 583 D'ONOFIO DR., SUITE 200, MADISON, WI 53719, FOR SAFETY PRACTICES PRESENTED IN PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS. 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 TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPECIFICATION) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/16GA (W-HSVK) ASTM A656 (STEEL). ALPINE TRUSSES ARE GALV. STEEL. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE IN ACCORDANCE WITH DRAWING 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (2) SHALL BE IN ACCORDANCE WITH DRAWING 160A-2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. PER TPI/TPI 1 SEC. 2.

TC LL	20.0 PSF	REF R215 -37426
TC DL	10.0 PSF	DATE 05/14/03
BC DL	10.0 PSF	DRW HCUR215 03134076
BC LL	0.0 PSF	HC-ENG CR/MMA
TOT.LD.	40.0 PSF	SEQN- 37151
DUR.FAC.	1.25	FROM JP
SPACING	24.0"	JREF- 1S20215 Z10



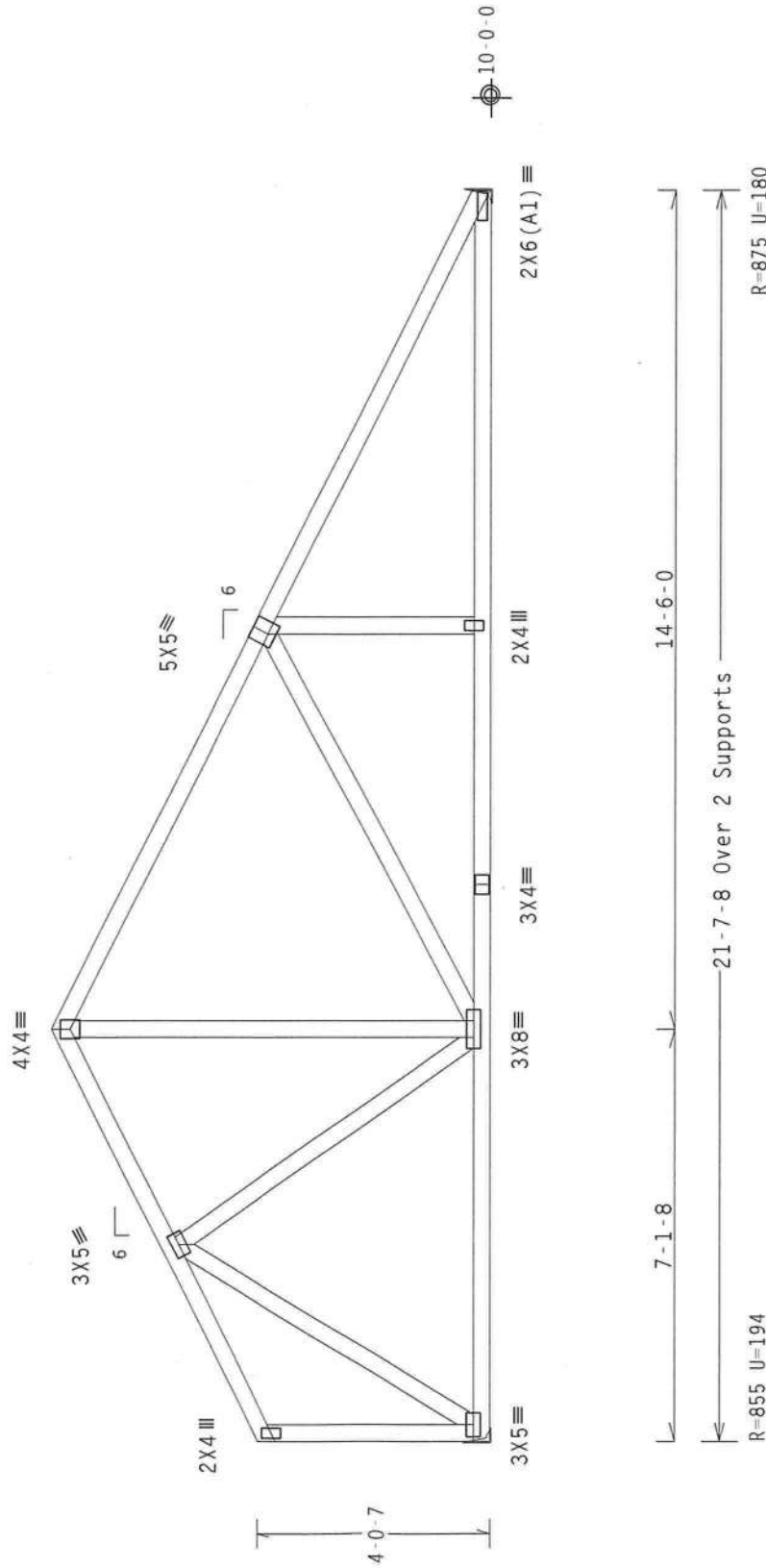
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 Certificate of Authorization # 567⁷NSI/TPI 1 SEC. 2.

110 mph wind, 13.97 ft mean hgt., ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

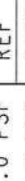
The overall height of this truss excluding overhang is 7-7-3.

Deflection meets L/360 live and L/240 total load.
Plates sized for a minimum of 3.00 sq.in./piece.



6.10

Scale = 3125"/Ft.



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****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO H1B-91 (HANDLING INSTALLING AND SHIPPING), PUBLISHED BY TPI (TRUSSING INSTITUTE, 583 D ONDRIPO DR., SUITE 200, WAUWATON, WI 53191). FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS. 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 FABRICATING, HANDLING, SHIPPING, INSTALLING AND BUILDING THE TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/16GA (M-HS/K) ASTM A575 (M, K/HSS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THE DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE IN ACCORDANCE WITH ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER TPI 1-2002 SEC. 2.



TC LL	20.0	PSF	REF	R215	- 37425
TC DL	10.0	PSF	DATE	05/14/03	
BC DL	10.0	PSF	DRW	HCUSR215	03134075
BC LL	0.0	PSF	HC-ENG	CR/MMA	
TOT.LD.	40.0	PSF	SEQN-	37161	
DUR.FAC.	1.25		FROM	JP	
SPACING	24.0"		JREF-	1S20215	Z10

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

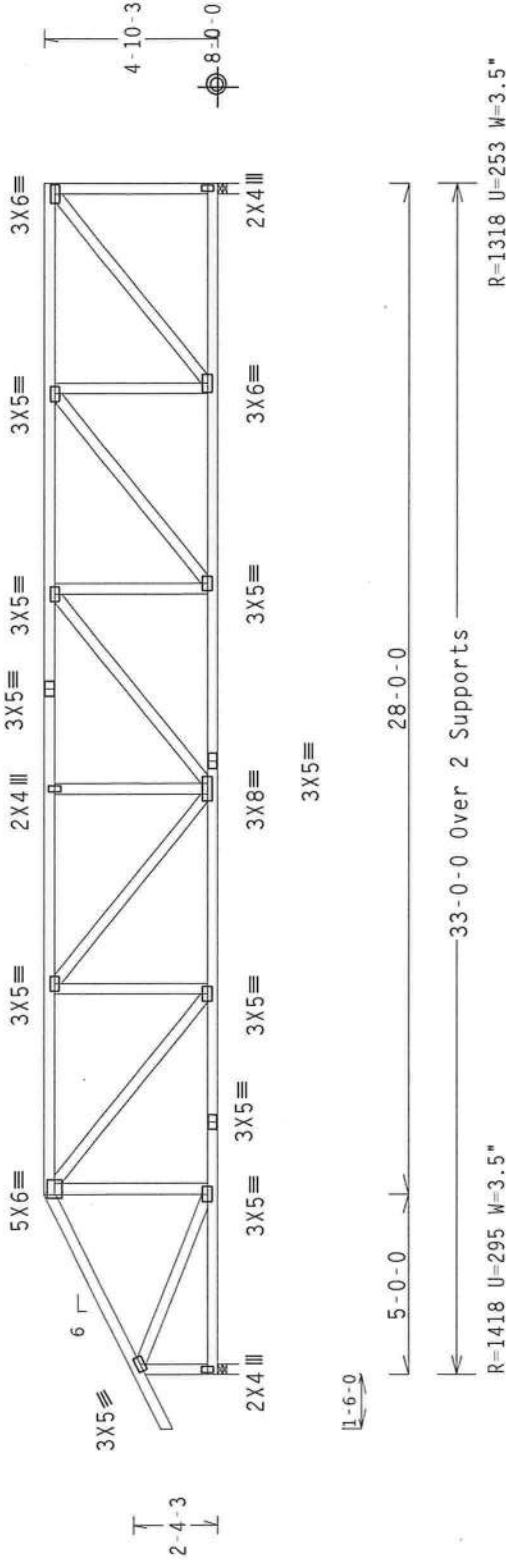
Deflection meets L/360 live and L/240 total load.

The overall height of this truss excluding overhang is 4-10-3.

110 mph wind, 11.22 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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.



R=1418 U=295 W=3.5"

33'-0" 0 Over 2 Supports

R=1318 U=253 W=3.5"

PLT TYP. Wave TPI 95\ Design Crit: TPI(STD)/FLBC

6.10

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

Scale = .1875"/Ft.

TC LL	20.0 PSF	REF	R215 -37419
TC DL	10.0 PSF	DATE	05/14/03
BC DL	10.0 PSF	DRW	HCUSR215 03134069
SC LL	0.0 PSF	HC-ENG	CR/MMA
TOT.LD.	40.0 PSF	SEQN-	37193
DUR.FAC.	1.25	FROM	JP
SPACING	24.0"	JREF-	1S20215_Z10



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FL Certificate of Authorization # 367951/TPI 1 SEC. 2.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO HIB-91 (HANDLING, INSTALLING AND BRACING), PUBLISHED BY TPI (TRUSS PRODUCTS INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719), FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS. BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. ****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERING PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATING, HANDLING, SHIPPING, INSTALLING AND BUILDING THE TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2016GA (W.HS/K) ASTM A572 (W, K/HS) 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 (I) SHALL BE PERFORMED IN ACCORDANCE WITH TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER TPI 1 SEC. 2.

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

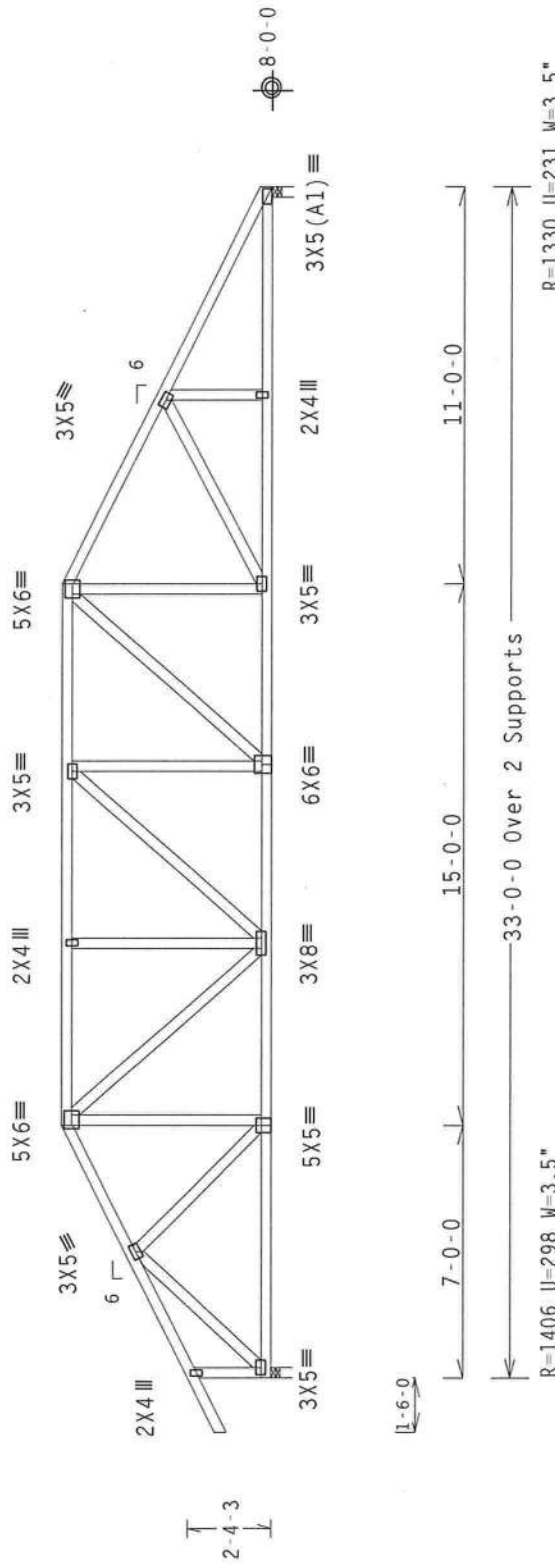
Deflection meets L/360 live and L/240 total load.

The overall height of this truss excluding overhang is 5-10-3.

110 mph wind, 11.10 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=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 TPI 95\ Design Crit: TPI(STD)/FLBC

6.10

FL/-/5/-/-/R/- Scale = .1875"/Ft.

TC LL	20.0 PSF	REF	R215 -37420
TC DL	10.0 PSF	DATE	05/14/03
BC DL	10.0 PSF	DRW	HCUSR215 03134070
BC LL	0.0 PSF	HC-ENG	CR/MMA *
TOT.LD.	40.0 PSF	SEQN-	37200
DUR.FAC.	1.25	FROM	JP
SPACING	24.0"	JREF-	1S20215_Z10



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO HIB-91 (HANDLING, INSTALLING AND BRACING), PUBLISHED BY TPI (TRUSS PROTECTIVE INSTITUTE), 5881 O'CONNOR DR., SUITE 200, MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS. 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 AND BUILD THE TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI.

ALPINE CONNECTOR PLATES ARE MADE OF 20/16GA (W-HS/K) ASTM (W, K/H) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON DESIGN, POSITION PER DRAWINGS 160A-2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANEX A3 OF TPI 1-2002 SEC. 3.

FL Certificate of Authorization # 567NS1/TPI 1 SEC. 2.



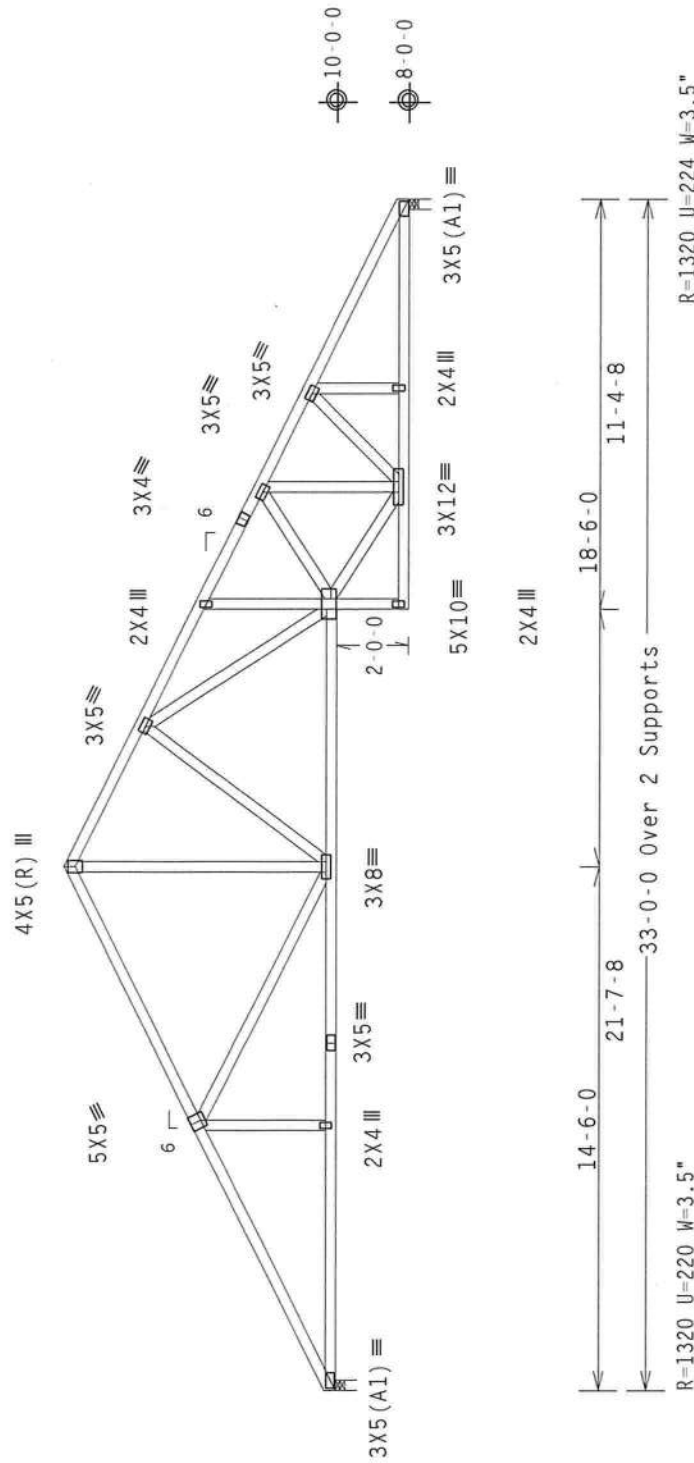
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Haines City, FL 33844

110 mph wind, 12.97 ft mean hgt., ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

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

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



PLT TYP. Wave TPI 95\R

Design Crit: TPI(STD)/FLBC

6.10.

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

Scale = 1875" / Ft.

TC LL	20.0	PSF	REF R215 -37424
TC DL	10.0	PSF	DATE 05/14/03
BC DL	10.0	PSF	DRW HCUSR215 03134074
BC LL	0.0	PSF	HC-ENG CR/MMA *
TOT.LD.	40.0	PSF	SEON- 75072
DUR.FAC.	1.25		FROM JP
SPACING	24.0"		JREF- 1S20215 Z10



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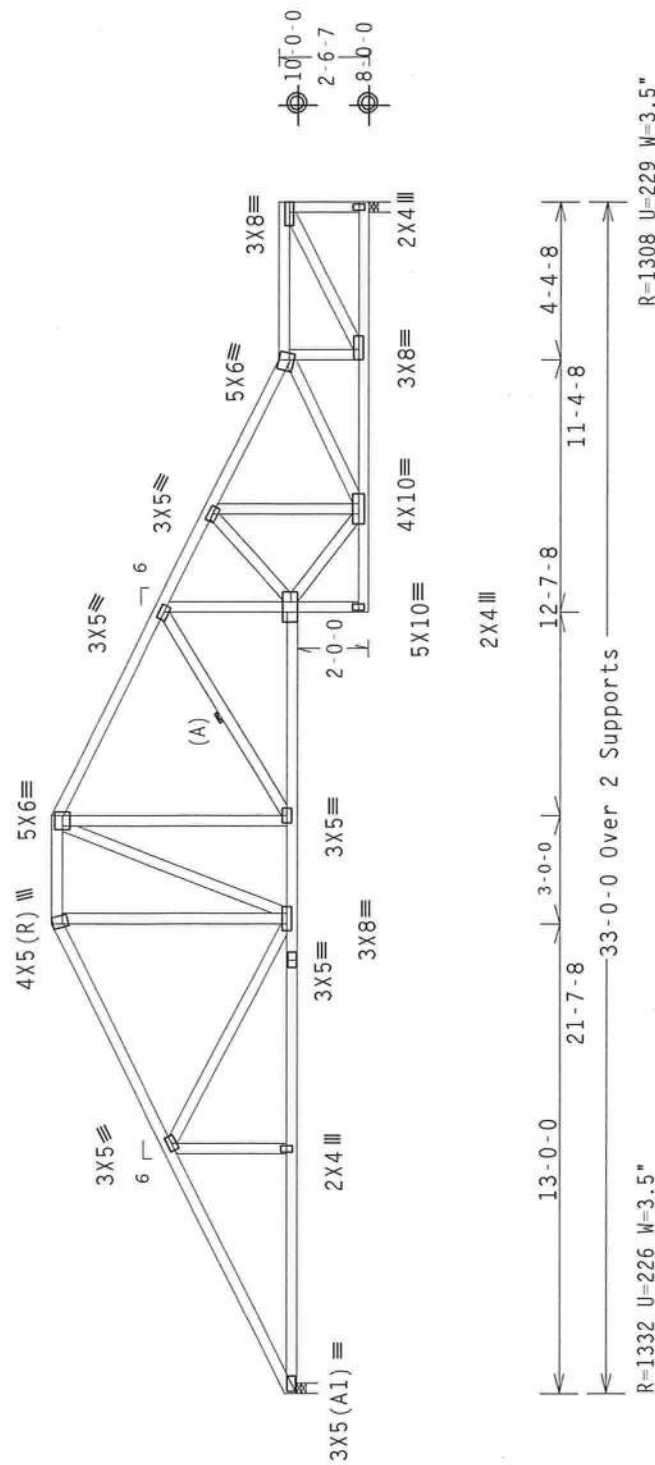
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 FL Certificate of Authorization # 567NSI / TPI 1 SEC. 2.

110 mph wind, 13.60 ft mean hgt., ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP 8, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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.



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

Scale = .1875"/Ft.

TC LL	20.0	PSF	REF R215 - 37423
TC DL	10.0	PSF	DATE 05/14/03
SC DL	10.0	PSF	DRW HCUSR215 03134073
SC LL	0.0	PSF	HC-ENG CR/MMA *
TOT.LD.	40.0	PSF	SEQN- 75059
DUR.FAC.	1.25		FROM JP
SPACING	24.0"		JREF- 1S20215 Z10



Alpine Engineered Products, Inc.
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ST. Certificate of Authorization # 567NS1/TPI 1 SEC. 2.

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

110 mph wind, 13.10 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

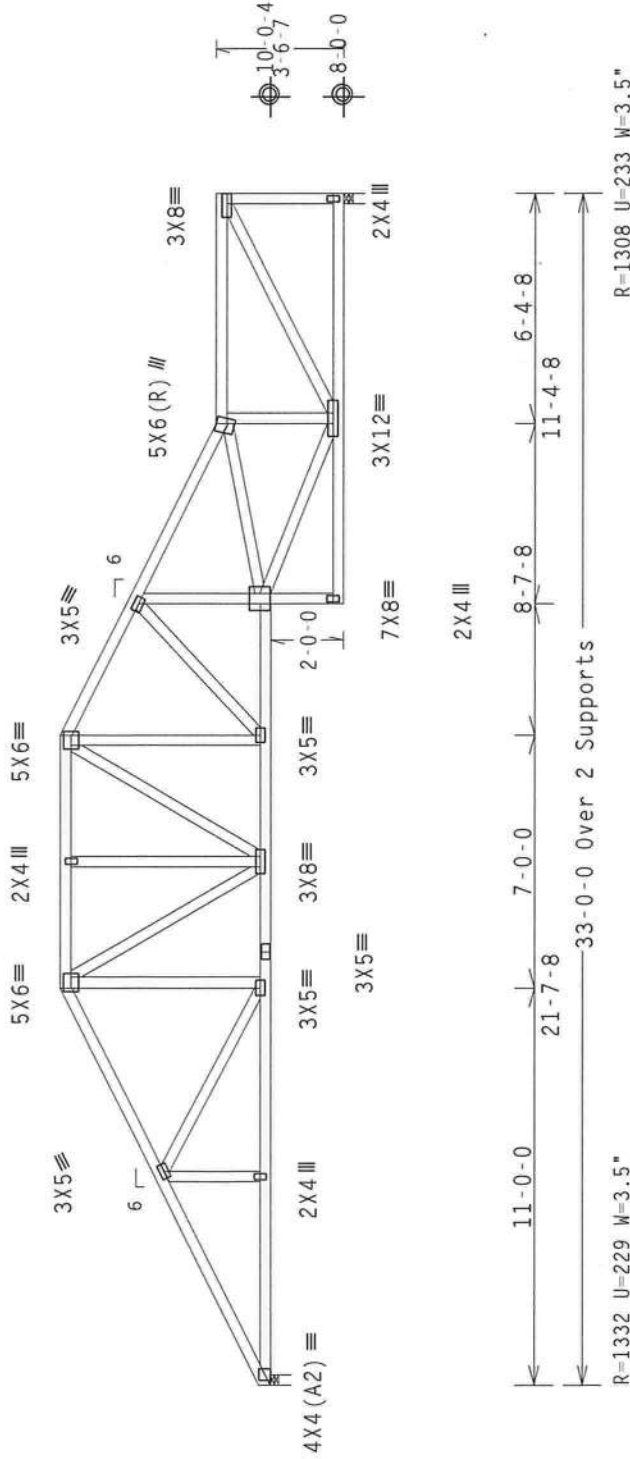
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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.

The overall height of this truss excluding overhang is 5-10-3.



PLT TYP. Wave TPI 95/R

Design Crit: TPI(STD)/FLBC

6.10

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

Scale = .1875\"/>



Alpine Engineered Products, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567951/TPI 1 SEC. 2.

TC LL	20.0 PSF	REF	R215 -37422
TC DL	10.0 PSF	DATE	05/14/03
BC DL	10.0 PSF	DRW	HCUSR215 03134072
BC LL	0.0 PSF	HC-ENG	CR/MMA
TOT.LD.	40.0 PSF	SEQN-	37214
DUR.FAC.	1.25	FROM	JP
SPACING	24.0"	JREF-	1S2Q215_Z10

MANUEL MARTINEZ
CERTIFICATE
No. 47182
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

ALPINE
ENGINEERED PRODUCTS, INC.
HAINES CITY, FL 33844
FL CERTIFICATE OF AUTHORIZATION # 567951/TPI 1 SEC. 2.

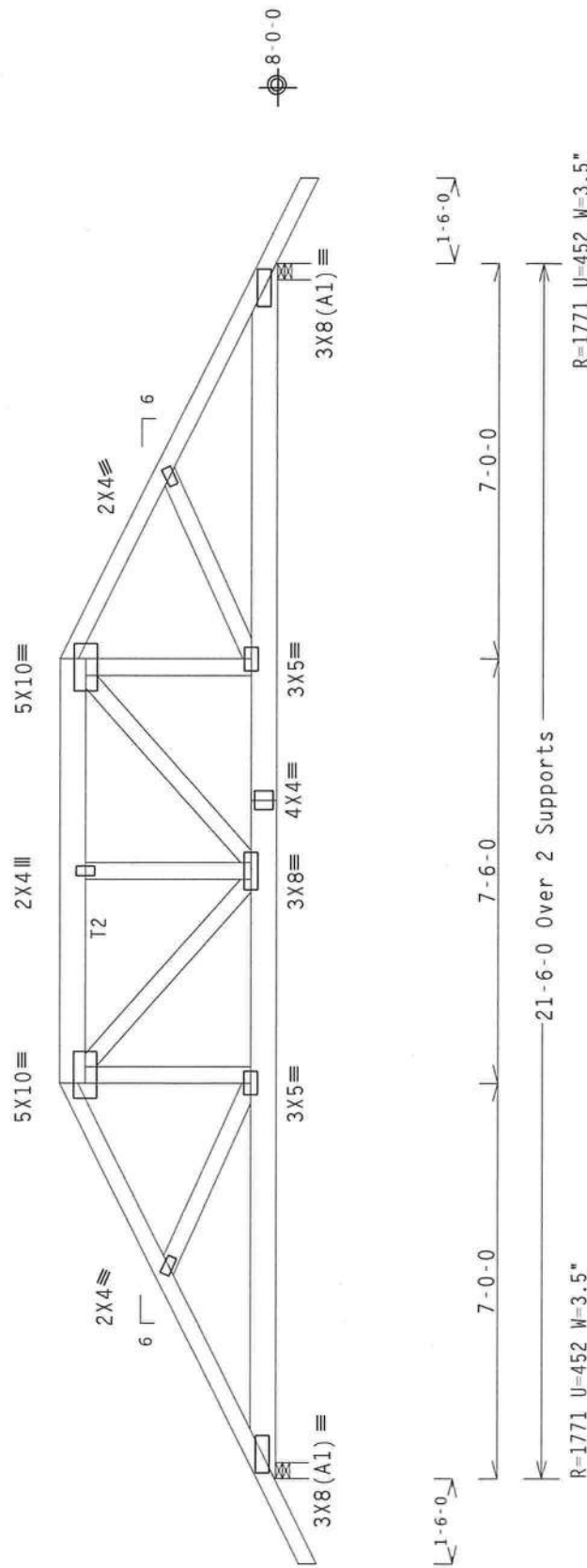
ALPINE
ENGINEERED PRODUCTS, INC.
HAINES CITY, FL 33844
FL CERTIFICATE OF AUTHORIZATION # 567951/TPI 1 SEC. 2.

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

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

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

The overall height of this truss excluding overhang is 3-10-3.



6-10

Scale = 3125"/Ft

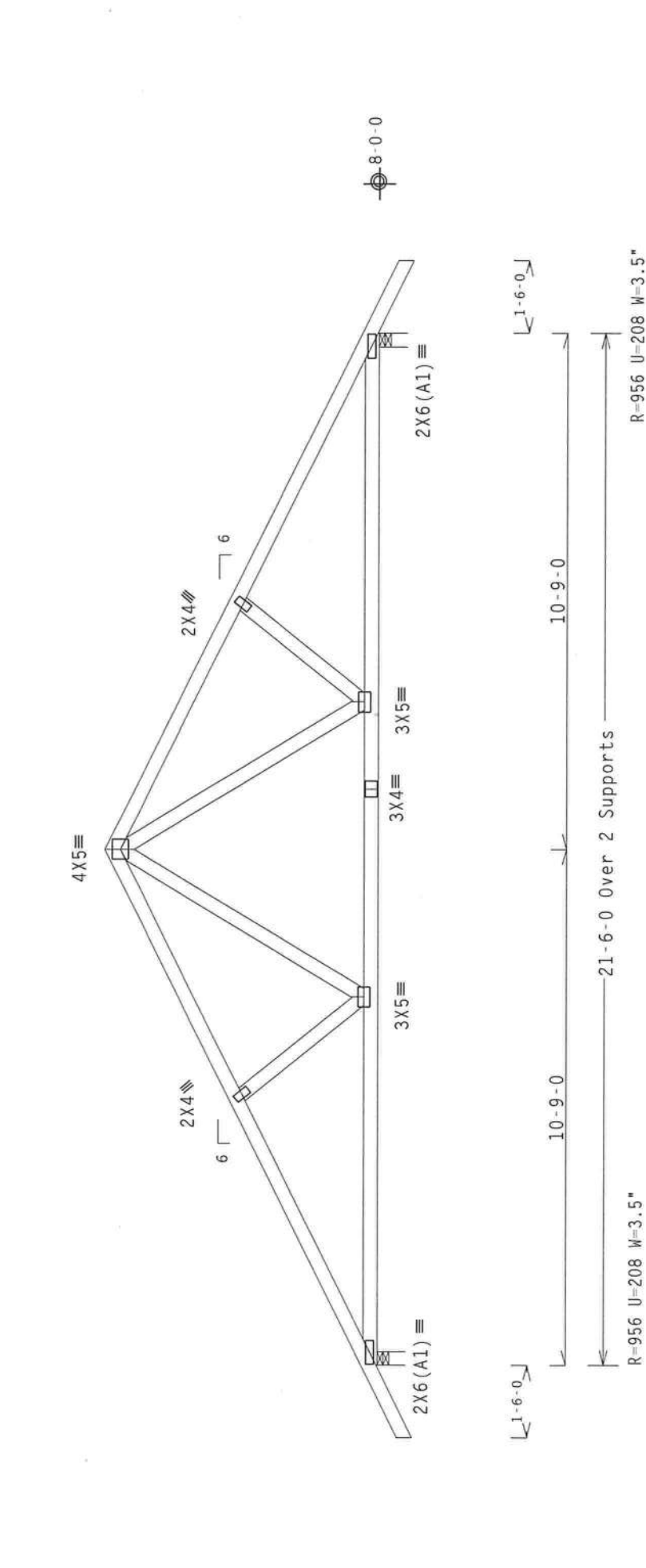
ALPINE Alpine Engineered Products, Inc. Haines City, FL 33844 FL Certificate of Authorization # SC67MS17PI 1 SEC. 2.	**WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO HIB-91 (HANDLING INSTALLING AND BRACING), PUBLISHED BY TPI (TRUSSING INSTITUTE, 983 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719), FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS. 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 FABRICATING, HANDLING, SHIPPING, INSTALLING AND BUILDING THE TRUSSES IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BUILDING OF TRUSSES. THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/16GA (W, M, K) ASTM A575 (W, K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THE DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE IN ACCORDANCE WITH TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER TPI 1-2002 SEC. 2.		MAINE CERTIFICATE OF PROFESSIONAL ENGINEERING STATE OF FLORIDA No. 47182 		REF R215 -37429
			TC LL 20.0 PSF		
			TC DL 10.0 PSF	DATE 05/14/03	
			BC DL 10.0 PSF	DRW HCUSR215 03134079	
			BC LL 0.0 PSF	HC-ENG CR/MMA	
			TOT.LD. 40.0 PSF	SEEN- 37011	
			DUR.FAC. 1.25	FROM JP	
			SPACING 24.0"	JREF- 1S20215_Z10	

110 mph wind, 10.66 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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 5-8-11.



PLT TYP. Wave TPI 95/R

Design Crit: TPI(STD)/FLBC

6.10

Scale = .3125"/Ft.

REF	R215	-37431
DATE	05/14/03	
DRW	HCUSR215	03134081
HC-ENG	CR/MMA	*
SEQN	-	37024
FROM	JP	
JREF	-	1S20215_Z10

ALPINE

Alpine Engineered Products, Inc.
Haines City, FL 33844

FL Certificate of Authorization # 567951/TPI 1 SEC. 2.

CERTIFICATE

No. 47182

STATE OF FLORIDA

ENGINEER

MANUEL MARTINEZ

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING, BRACING. REFER TO HIB-91 (HANDLING, INSTALLING AND BRACING), PUBLISHED BY TPI (TRUSS PRODUCTS INSTITUTE, 588 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719), FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS, 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 DEVIATING FROM THIS DESIGN: ANY FAILURE AND BUILD THE TRUSSES IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI.

(M, K/HIS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANNEX A3 OF TPI 1-2002 SEC. 3.

FL 567951/TPI 1 SEC. 2.

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

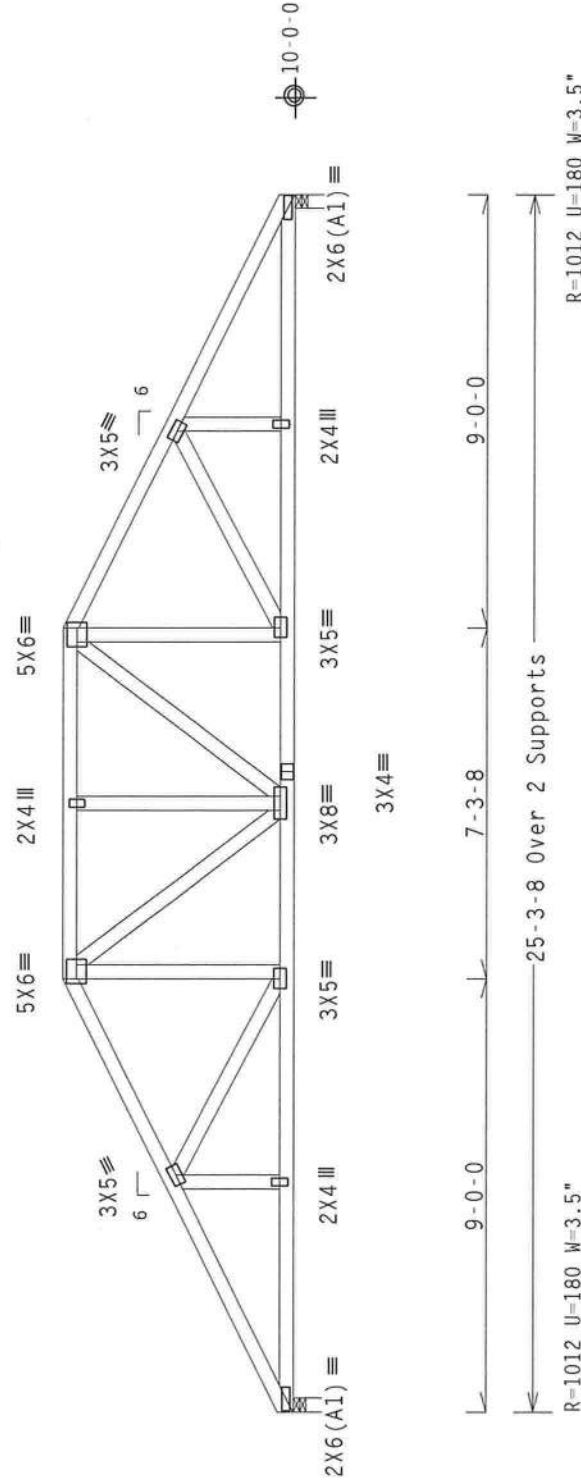
110 mph wind, 12.60 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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 4-10-3.



PLT TYP. Wave TPI 95\

Design Crit: TPI(STD)/FLBC

6.10

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

Scale = .25"/Ft.

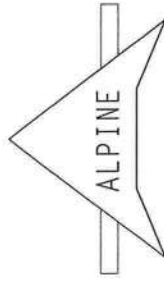
TC LL	20.0 PSF	REF	R215 -37433
TC DL	10.0 PSF	DATE	05/14/03
BC DL	10.0 PSF	DRW	HCUSR215 03134083
BC LL	0.0 PSF	HC-ENG	CR/MMA
TOT.LD.	40.0 PSF	SEQN-	37172
DUR.FAC.	1.25	FROM	JP
SPACING	24.0"	JREF-	1S2Q215_Z10



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO THE TPI TRUSS DESIGN MANUAL, 1999 EDITION, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS. BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERS BUILD THE TRUSSES IN CONFORMANCE WITH TPI. OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI.

ALPINE CONNECTOR PLATES ARE MADE OF 2016G6 (N.HS/K) ASTM (N. K/H5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON DESIGN, POSITION PER DRAWINGS 160A-2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER FL Certificate of Authorization # 567951/TPI 1 SEC. 2.



Alpine Engineered Products, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567951/TPI 1 SEC. 2.

	Top chord	2x4	SP	#2	N
	Bot chord	2x8	SP	#1	Dense
	Webbs	2x4	SP	#2	N

2 COMPLETE TRUSSES REQUIRED

NAILING SCHEDULE: (0.131x3.0_g_nails)
TOP CHORD: 1 ROW @ 12" o.c.
BOT CHORD: 1 ROW @ 4" o.c.
WEBS : 1 ROW @ 4" o.c.
USE EQUAL SPACING BETWEEN ROWS AND STAYS
IN EACH ROW TO AVOID SPLITTING.

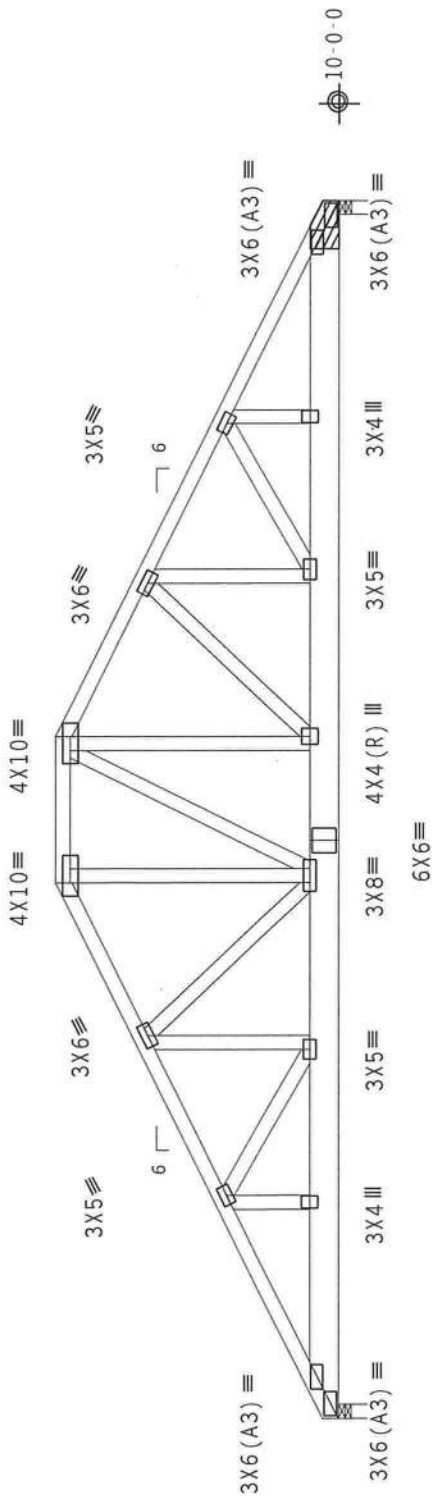
SPECIAL LOADS

TC	From	60 PLF at 0.00 to	60 PLF at 25.29
BC	From	20 PLF at 0.00 to	20 PLF at 25.29
BC	-	855 LB Conc. Load at 1.56,	3.56, 5.56, 7.56, 9.56
		11.56, 13.56, 15.56, 17.56, 19.56	
BC	-	848 LB Conc. Load at 21.56,	23.56, 24.94

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

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.



11-1-8	3-0-8	11-1-8
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—25-3-8 Over 2 Supports

R=6176 U=1387 W=3.5"

R=6941 U=1536 W=3.5"

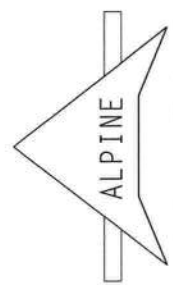
PLT TYP. Wave TPI 95\R

Design Crit: TPI(STD)/FLBC

6.10.

Scale = .25"/Ft.

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TC DL	10.0	PSF	DATE	05/14/03	
BC DL	10.0	PSF	DRW	HCUSR215	03134084
BC LL	0.0	PSF	HC-ENG	CR/MMA	
TOT.LD.	40.0	PSF	SEQN -	37178	
DUR.FAC.	1.25		FROM	JP	
SPACING	24.0"		JREF -	1S20215_Z10	



Alpine Engineered Products, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 58

Haines City, FL 33844
FL Certificate of Authorization # 567^{NSI}/TPI 1 SEC. 2.

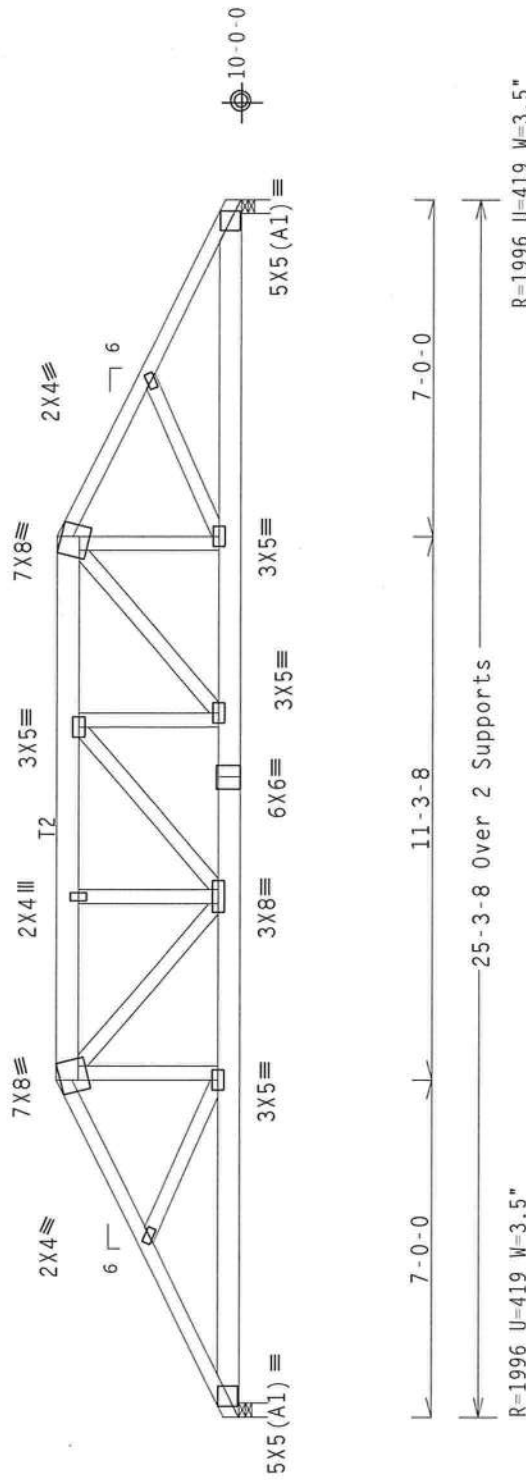
110 mph wind, 15.00 ft mean hgt., ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

Left side jacks have 7-0-0 setback with 0-0-0 cant and 1-6-0 overhang.
End jacks have 7-0-0 setback with 0-0-0 cant and 1-6-0 overhang.

Right side jacks have 7-0-0 setback with 0-0-0 cant and 1-6-0 overhang.

The overall height of this truss excluding overhang is 3-10-3.



6.10

Scale = 25"/Ft.

TC LL	20.0	PSF	REF R215 - 37432
TC DL	10.0	PSF	DATE 05/14/03
BC DL	10.0	PSF	DRW HCUSR215 03134082
BC LL	0.0	PSF	HC-ENG CR/MMA
TOT.LD.	40.0	PSF	SEQN- 37167
DUR.FAC.	1.25		FROM JP
SPACING	24.0"		JREF- 1S20215 Z10



Alpine Engineered Products, Inc.
Haines City, FL 33844

James City, LE 55844
 Certificate of Authorization # 567NS1/TPI 1 SEC. 2.

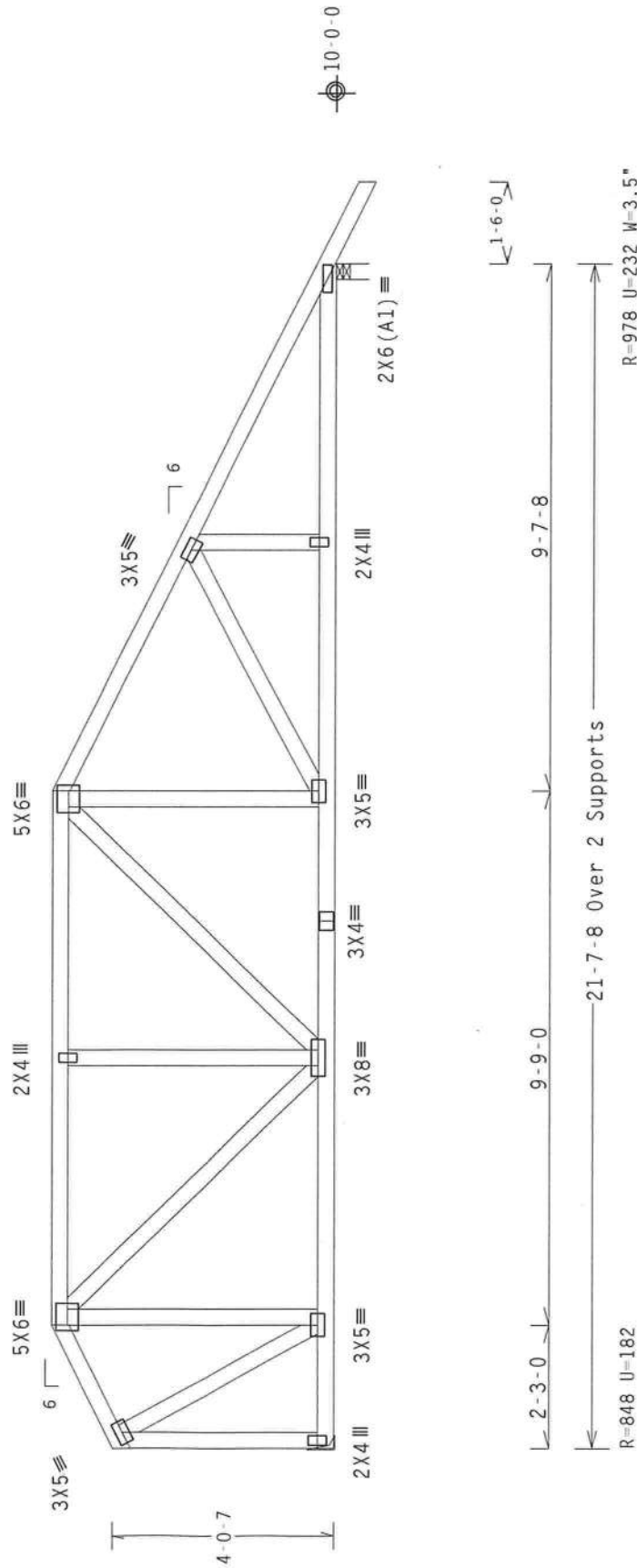
110 mph wind, 12.38 ft mean hgt., ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

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 5-1-15.



Scale = -3125"/Ft.

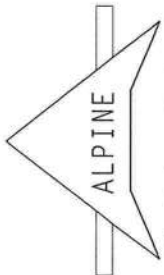
1. ****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO HIB-91 (HANDLING, INSTALLING AND BRACING), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 583 D'ONOFIO DR., SUITE 200, MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS, BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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 TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NCS (NATIONAL DESIGN SPEC. BY AEP&A) AND TPI.

3. ALPINE CONNECTOR PLATES ARE MADE OF 20166A (W/.HS/K) ASTM (W/. K/HS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSSES AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2.

4. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED IN ACCORDANCE WITH TPI 1-2002 SEC. 3.

5. 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 UNST/TP1 1 SEC. 2.



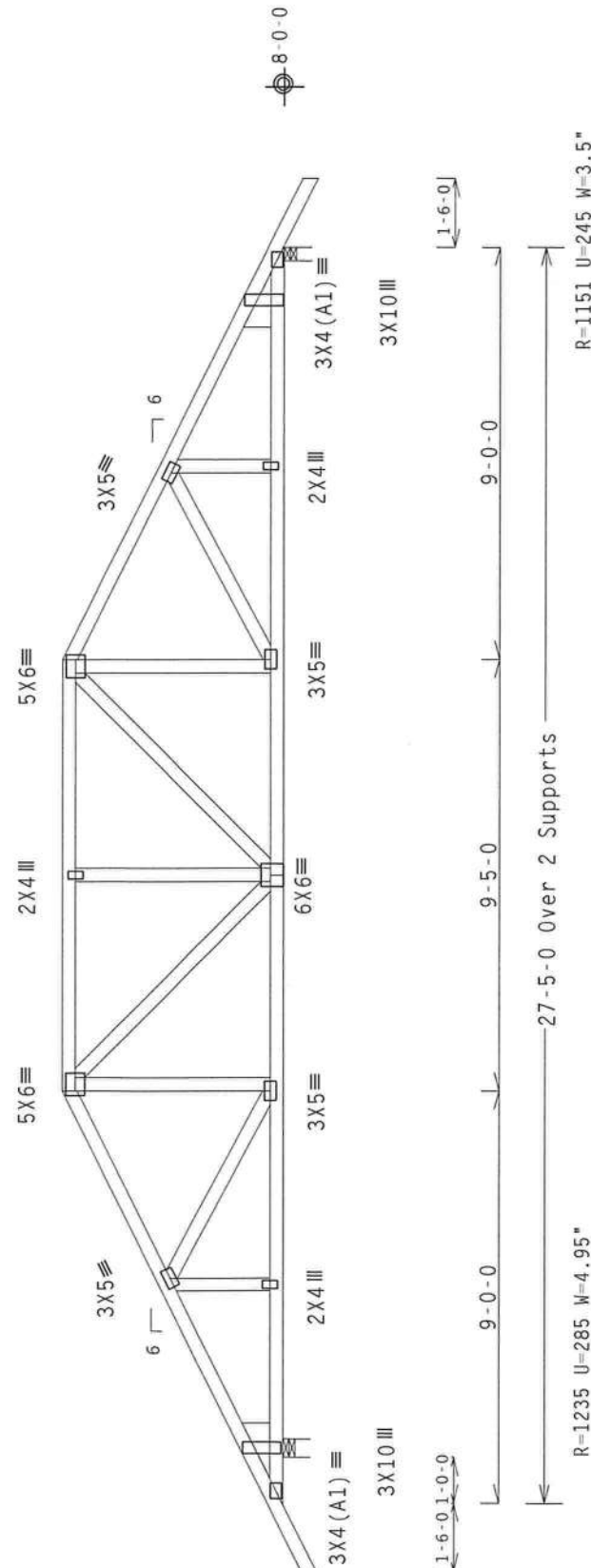
Alpine Engineered Products, Inc.
Haines City, FL 33844

FL Certificate of Authorization # 567NSI/TPI 1 SEC. 2.

TC LL	20.0	PSF	REF R215 -37428
TC DL	10.0	PSF	DATE 05/14/03
TC DL	10.0	PSF	DRW HCUSR215 03134078
TC LL	0.0	PSF	HC-ENG CR/MMA
TOT.LD.	40.0	PSF	SEQN- 37136
DUR.FAC.	1.25		FROM JP
SPACING	24.0"		JREF- 1S20215_Z10

THIS DRAWING IS THE PROPERTY OF ALPINE ENGINEERED PRODUCTS, INC. IT IS TO BE USED ONLY FOR THE PROJECT AND LOCATION SPECIFICALLY IDENTIFIED BY THE DRAWING TITLE.

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
:Lt Wedge 2x8 SP #1 Dense::Rt Wedge 2x8 SP #1 Dense:
Deflection meets L/360 live and L/240 total load.
Plates sized for a minimum of 3.00 sq.in./piece.
110 mph wind, 10.22 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.
The overall height of this truss excluding overhang is 4-10-3.



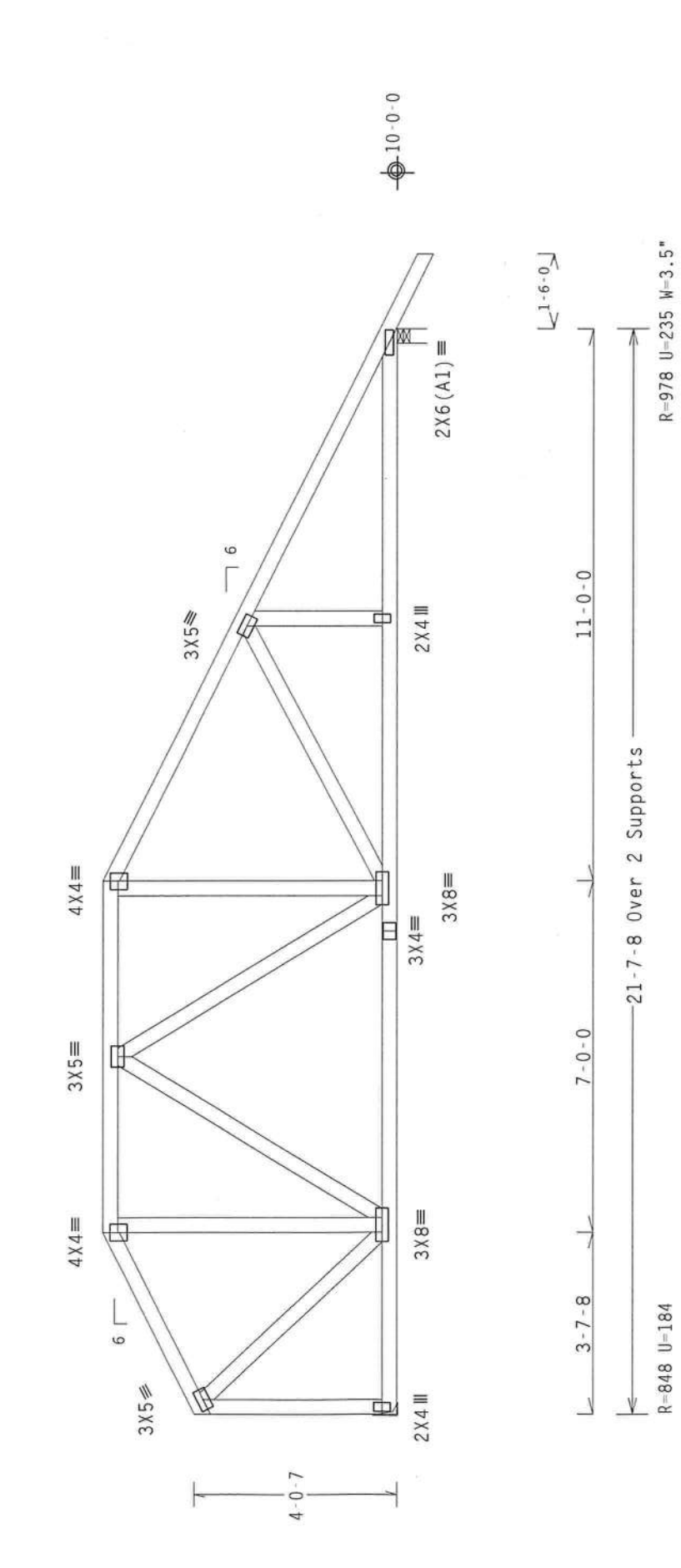
PLT TYP. Wave TPI 95\	Design Crit: TPI(STD)/FLBC	6.10	FL/-/5/-/-/R/-	Scale =.25"/Ft.
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO HB-91 (HANDLING, INSTALLING AND BRACING), PUBLISHED BY TPI (TRUSS PRODUCTS INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719), FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS. 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 TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/16GA (N.HS/K) ASTH 65 (W. K/HS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE IN ACCORDANCE WITH TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER 67N51/TPI 1 SEC. 2.				REF R215 -37436
				DATE 05/14/03
				DRW HCUSR215 03134086
				HC-ENG CR/MMA
				SEQN- 37127
				FROM JP
				JREF- 1S2Q215_Z10

THIS DRAWING IS THE PROPERTY OF ALPINE ENGINEERING, INC. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED ON THIS DRAWING. IT IS NOT TO BE REPRODUCED OR COPIED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF ALPINE ENGINEERING, INC.

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

Left end vertical not exposed to wind pressure.
In lieu of structural panels use purlins to brace all flat TC @ 24"

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





Alpine Engineered Products, Inc.
Haines City, FL 33844

PLT TYP. Wave TPI 95\R

Design Crit: TPI(STD)/FLBC

6.10

Scale = .3125" / Ft.

11-0-0

7-0-0

3-7-8

21-7-8 Over 2 Supports

R=848 U=184

R=978 U=235 W=3.5"

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 -37427

DATE 05/14/03

DRW HCUSR215 03134077

HC-ENG CR/MMA

SEON- 37143

FROM JP

JREF- 1S20215_Z10

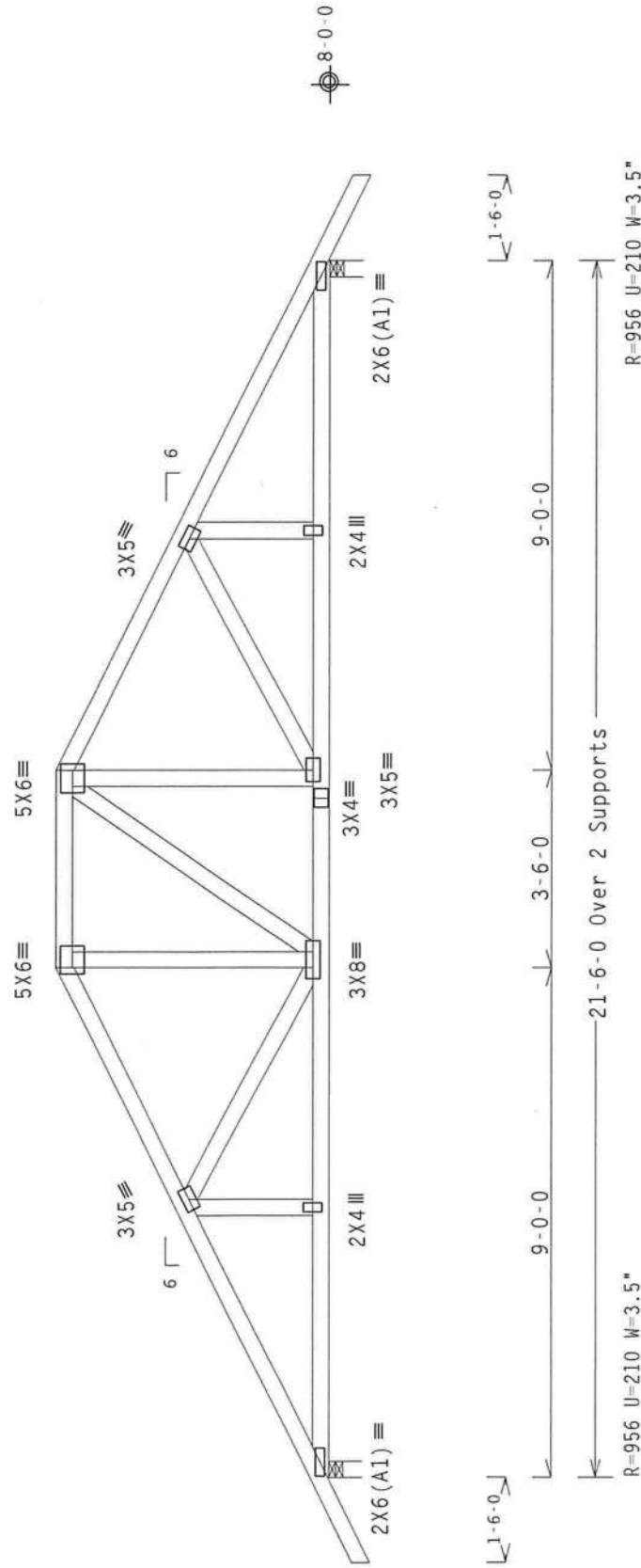
MANUEL MARTINEZ
CERTIFICATE
No. 47182
STATE OF FLORIDA
PROFESSIONAL ENGINEER

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO HIB-91 (HANDLING, INSTALLING AND BRACING), PUBLISHED BY TPI (TRUSS PRODUCTS INSTITUTE), 583 D'AMORIO DR., SUITE 200, MADISON, WI 53719. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS, 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 AND BUILD THE TRUSSES IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AFPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/16GA (N-HS/K) ASTM A575-05 (N. K/HIS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE IN ACCORDANCE WITH TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. PER 677NSI/TPI 1 SEC. 2.

110 mph wind, 10.22 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

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



Design Crit: TPI(STD)/FLBC

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

Scale = .3125" / Ft.

TC LL	20.0	PSF	REF	R215 - 37430
TC DL	10.0	PSF	DATE	05/14/03
BC DL	10.0	PSF	DRW	HCUSR215 03134080
BC LL	0.0	PSF	HC-ENG	CR/MMA *
TOT.LD.	40.0	PSF	SEQN -	37016
DUR.FAC.	1.25		FROM	JP
SPACING	24.0"		JREF-	1S20215_Z10



Alpine Engineered Products, Inc.
Haines City, FL 33844

FL Certificate of Authorization # 567NSI/TP1 1 SEC. 2.

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

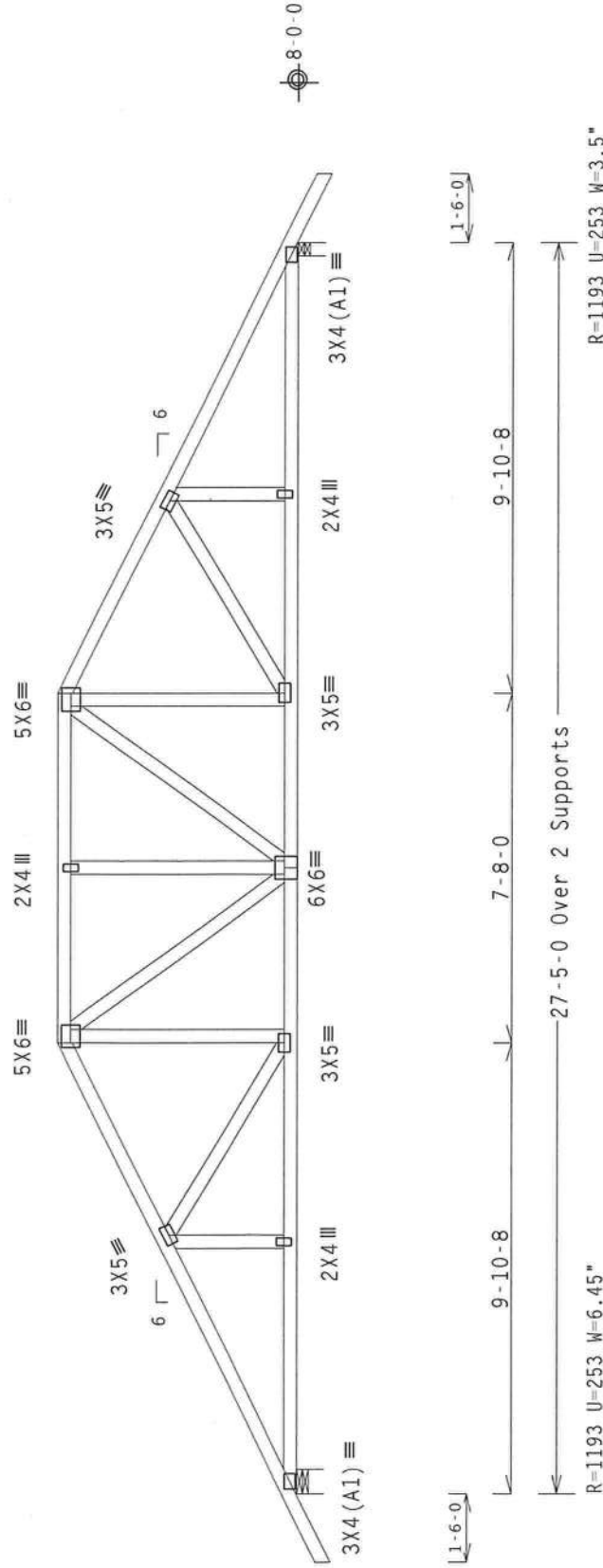
110 mph wind, 10.44 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge. CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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 5-3-7.



PLT TYP. Wave TPI 95\

Design Crit: TPI(STD)/FLBC

6.10

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

Scale = .25"/Ft.

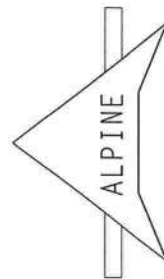
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DATE	05/14/03	
DRW	HCUSR215	03134087
HC-ENG	CR/MMA	*
SEON-	75077	
FROM	JP	
JREF-	1S2Q215_Z10	

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"



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING, AND BRACING. REFER TO HIB-91 (HANDLING, INSTALLING AND BRACING) PUBLISHED BY TPI (TRUSS PANEL INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719). FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS. 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 AND BUILD THE TRUSSES IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/16GA (4-MS/K) ASTM A572 (4-MS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THE DESIGN, POSITION PER DRAWINGS 160A-Z. 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 FL Certificate of Authorization # 567951/TPI 1 SEC. 2.



Alpine Engineered Products, Inc.
Haines City, FL 33844

FL Certificate of Authorization # 567951/TPI 1 SEC. 2.

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

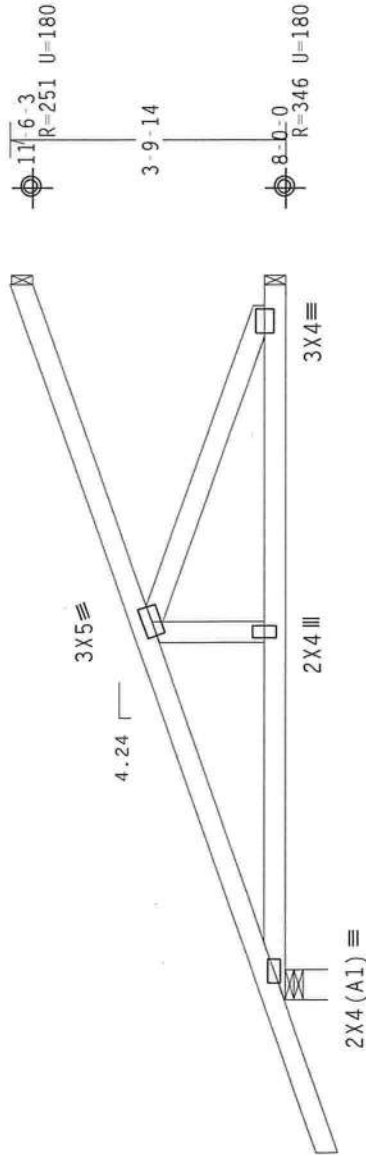
110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

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 3-9-14.



2-1-7 9-11-9
9-10-13 Over 3 Supports
R=453 U=180 W=4.95"

PLT TYP. Wave TPI 95\

Design Crit: TPI(STD)/FLBC

6.10

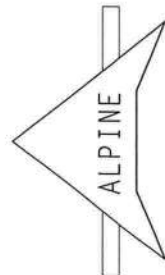
FL/-/5/-/-/R/-

Scale = .375"/Ft.

TC LL	20.0 PSF	REF	R215 -37438
TC DL	10.0 PSF	DATE	05/14/03
BC DL	10.0 PSF	DRW	HCUSR215 03134088
BC LL	0.0 PSF	HC-ENG	CR/MMA
TOT.LD.	40.0 PSF	SEQN-	36999
DUR.FAC.	1.25	FROM	JP
SPACING	24.0"	JREF-	1S20215_Z10



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO HIB-91 (HANDLING, INSTALLING AND BRACING), PUBLISHED BY TPI (TRUSS PRODUCTS INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719), FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS, 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 AND BUILDING OF TRUSSES IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/16GA (4-MS/K) ASTM (M, K/MS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER FL Certificate of Authorization # 567NS1/TPI 1 SEC. 2.



Alpine Engineered Products, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567NS1/TPI 1 SEC. 2.

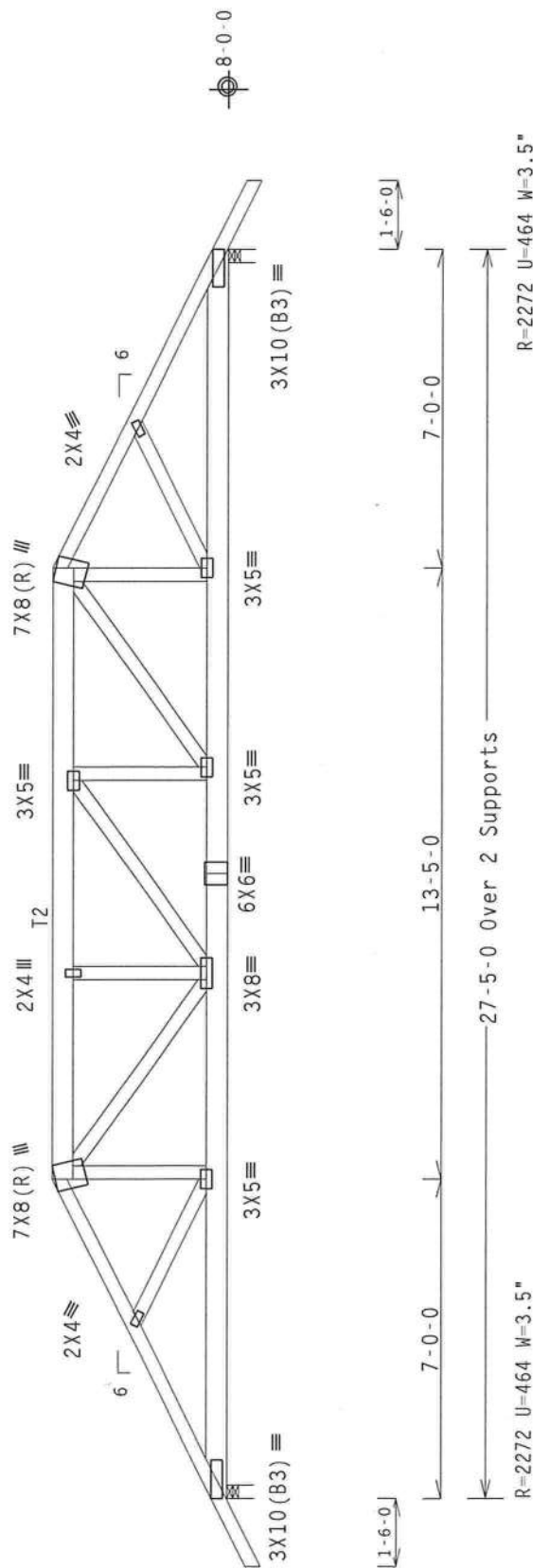
110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

Left side jacks have 7-0-0 setback with 0-0-0 cant and 1-6-0 overhang.
End jacks have 7-0-0 setback with 0-0-0 cant and 1-6-0 overhang.

Right side jacks have 7-0-0 setback with 0-0-0 cant and 1-6-0 overhang.

The overall height of this truss excluding overhang is 3-10-3.



Design Crit: TPI(STD)/FLBC

6.10

Scale = 25"/Ft.

TC LL	20.0	PSF	REF R215 - 37435
TC DL	10.0	PSF	DATE 05/14/03
CC DL	10.0	PSF	DRW HCURSR215 03134085
CC LL	0.0	PSF	HC - ENG CR / MMA
TOT. LD.	40.0	PSF	SEQN - 37120
DUR. FAC.	1.25		FROM JP
SPACING	24.0"		JREF - 1S20215 Z10



Alpine Engineered Products, Inc.
Haines City, FL 33844

Haines City, FL 33844
FL Certificate of Authorization # 567NSI/TPI 1 SEC. 2.

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

Hipjack supports 6-11-8 setback jacks with no webs.

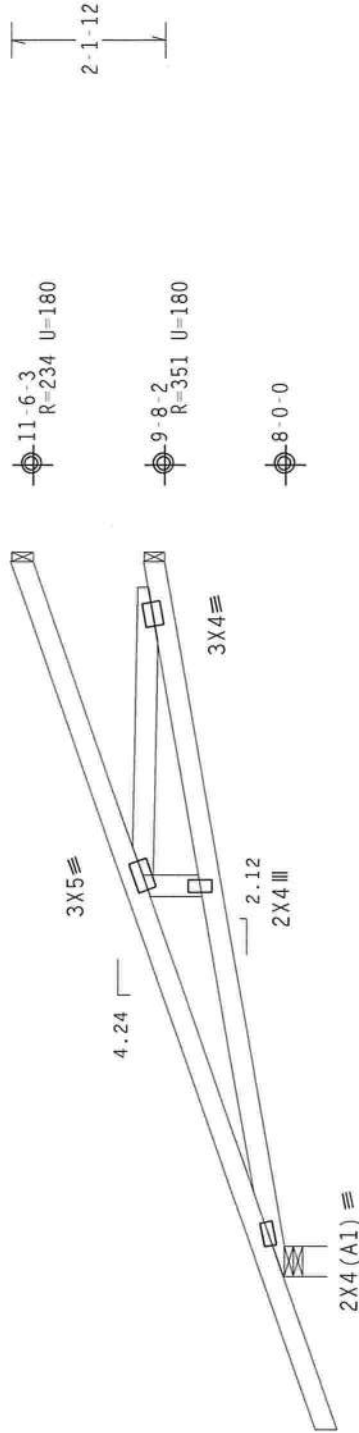
Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 3-9-14.

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

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

Shim all supports to solid bearing.



PLT TYP. Wave TPI 95\

Design Crit: TPI(STD)/FLBC

6.10

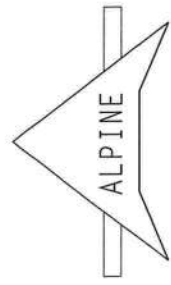
FL/-/5/-/R/-

Scale = .375"/Ft.

TC LL	20.0 PSF	REF	R215 -37439
TC DL	10.0 PSF	DATE	05/14/03
BC DL	10.0 PSF	DRW	HCUSR215 03134089
BC LL	0.0 PSF	HC-ENG	CR/MMA
TOT.LD.	40.0 PSF	SEQN-	36991
DUR.FAC.	1.25	FROM	JP
SPACING	24.0"	JREF-	1S20215_Z10



WARNING* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO HIB-91 (HANDLING, INSTALLING AND BRACING), PUBLISHED BY TPI (TRUSS PRODUCTS, INC.), 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE 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 DEVIATING FROM THIS DESIGN. ANY FAILURE AND BUILD THE TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/16GA (N-NS/K) ASTM A656 (N. K/HS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THE DESIGN, POSITION PER DRAWINGS 160A-Z. 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 FL Certificate of Authorization # 567NSI/TPI 1 SEC. 2.



Alpine Engineered Products, Inc.
Haines City, FL 33844

FL Certificate of Authorization # 567NSI/TPI 1 SEC. 2.

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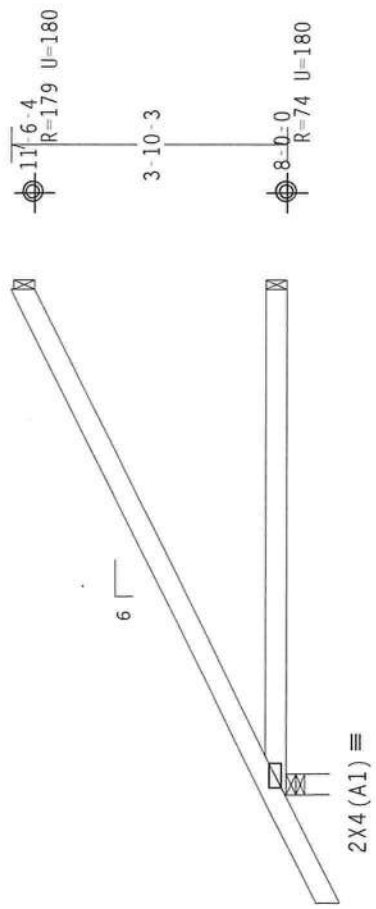
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

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

The overall height of this truss excluding overhang is 3-10-3.

110 mph wind, 9.72 ft mean hgt., ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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



1-6-0
7-0-12
7-0-0 Over 3 Supports
R=403 U=180 W=3.5"

PLT TYP. Wave TPI 95\ R Design Crit: TPI(STD)/FLBC 6.10

Scale = .375"/Ft.



TC LL	20.0 PSF	REF	R215 - 37440
TC DL	10.0 PSF	DATE	05/14/03
BC DL	10.0 PSF	DRW	HCUSR215 03134090
BC LL	0.0 PSF	HC-ENG	CR/MMA
TOT.LD.	40.0 PSF	SEQN	75008
DUR.FAC.	1.25	FROM	JP
SPACING	24.0"	JREF	1S2Q215_Z10



Alpine Engineered Products, Inc.
Haines City, FL 33844

FL Certificate of Authorization # 5679NSI/TPI 1 SEC. 2.

****WARNING*** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO HB-91 (HANDLING INSTALLING AND BRACING), PUBLISHED BY TPI (TRUSS PRODUCTS INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719), FOR SAFETY PRACTICES PROPERLY PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS, 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 DEVIATING FROM THIS DESIGN: ANY FAILURE AND BUILD THE TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/16GA (W-HS/K) ASTM A575 (W. K/HS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE IN ACCORDANCE WITH TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER 5679NSI/TPI 1 SEC. 2.

ALPINE ENGINEERED PRODUCTS, INC. 33844 HAINES CITY, FL 33844

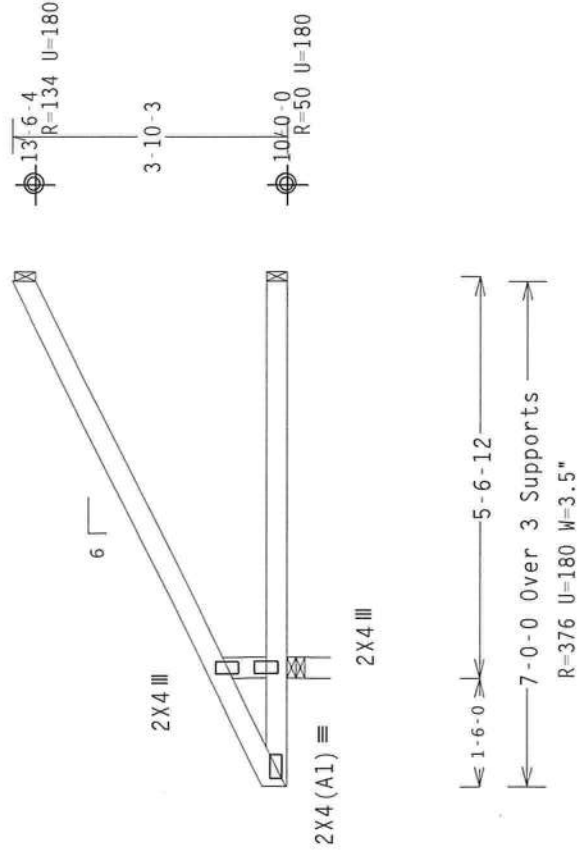
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

110 mph wind, 12.10 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

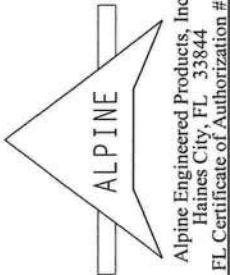
Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 3-10-3.

DEFLECTION MEETS L/360 LIVE AND L/240 TOTAL LOAD.



PLT TYP. Wave TPI 95\R	Design Crit: TPI(STD)/FLBC	6.10	FL/-/5/-/-/R/-	Scale = .375"/Ft.
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING, BRACING, REFER TO HIB-91 (HANDLING, INSTALLING AND BRACING), PUBLISHED BY TPI (TRUSS PRODUCTS INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719). FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS. BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.				REF R215 -37441
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 AND BUILD THE TRUSSES IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/16GA (M-NS/K) ASTM (M. K/MS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THE DESIGN, POSITION PER DRAWINGS 160A-Z. 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 ANS/1 TPI 1 SEC. 2.				DATE 05/14/03
				DRW HCUSR215 03134091
				HC-ENG CR/MMA
				SEQN- 75024
				FROM JP
				JREF- 1S20215_Z10



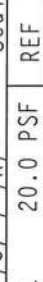
110 mph wind, 9.72 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

The overall height of this truss excluding overhang is 3-10-3.



PLT TYP. Wave TPI 951R



ALPINE

Alpine Engineered Products, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 5679NS1/TPI 1 SEC. 2.

Design Crit: TPI(STD)/FLBC

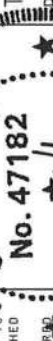
6.10

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO H18-91 (HANDLING, INSTALLING AND BRACING), PUBLISHED BY TPI (TRUSSING INSTITUTE, 583 O'NODRHO DR., SUITE 200, MAISON, WI 53179), FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS, 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 TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. THIS DESIGN CONFORMS WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. ALPINE CONNECTOR PLATES ARE MADE OF 2016G6 (W-HS/K) ASTM SPEC. BY AFAPA) AND TPI.

(W, K/H5) GALV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE ANNEX A3 OF TPI 1-2002 SEC. 3.

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 5679NS1/TPI 1 SEC. 2.



FL/-/5/-/-R/-		Scale = .375"/Ft.
TC LL	20.0 PSF	REF R215 -37442
TC DL	10.0 PSF	DATE 05/14/03
BC DL	10.0 PSF	DRW HCUSR215 03134092
BC LL	0.0 PSF	HC-ENG CR/MMA
TOT.LD.	40.0 PSF	SEQN- 75035
DUR.FAC.	1.25	FROM JP
SPACING	24.0"	JREF- 1S20215_Z10

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

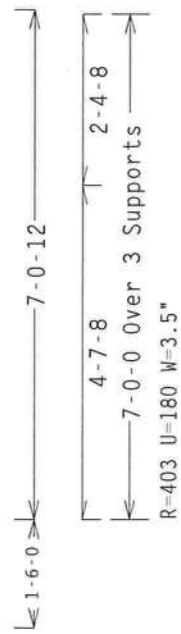
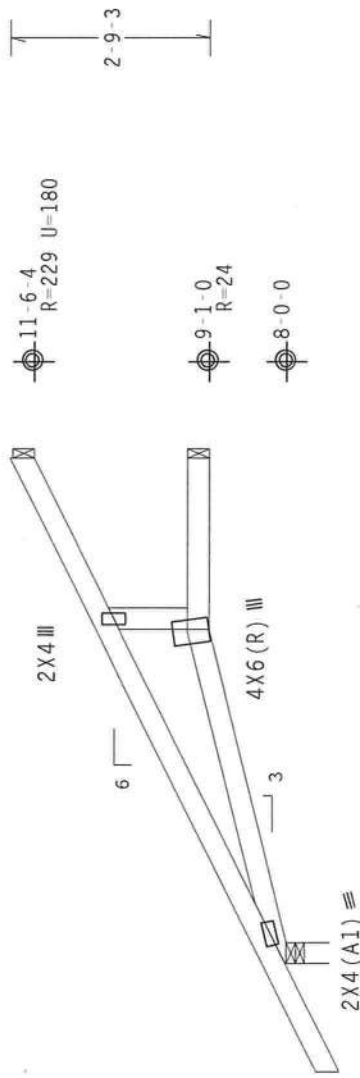
110 mph wind, 9.72 ft mean hgt, ASCE 7-98, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind
BC DL=5.0 psf.

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

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

Shim all supports to solid bearing.

The overall height of this truss excluding overhang is 3-10-3.



PLT TYP. Wave TPI 95\

Design Crit: TPI(STD)/FLBC

6.10

Scale = .375"/Ft.

TC LL	20.0 PSF	REF	R215 -37443
TC DL	10.0 PSF	DATE	05/14/03
BC DL	10.0 PSF	DRW	HCUSR215 03134093
BC LL	0.0 PSF	HC-ENG	CR/MMA
TOT.LD.	40.0 PSF	SEQN-	75039
DUR.FAC.	1.25	FROM	JP
SPACING	24.0"	JREF	1S2Q215_Z10

ALPINE

Alpine Engineered Products, Inc.
Haines City, FL 33844

FL Certificate of Authorization # 56791/1/TPI 1 SEC. 2.

MANUEL MARTINEZ
No. 47182
STATE OF FLORIDA
PROFESSIONAL ENGINEER

FL Certificate of Authorization # 56791/1/TPI 1 SEC. 2.

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(M, K/HIS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. 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 A3 OF TPI 1-2002 SEC. 3.

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

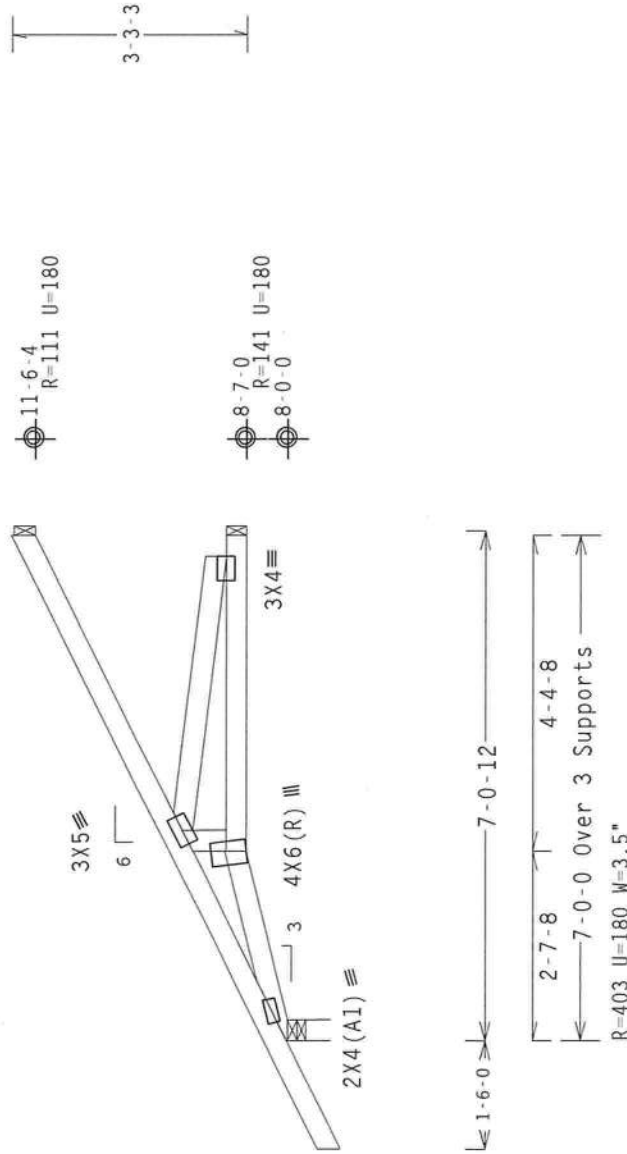
Deflection meets L/360 live and L/240 total load.

Shim all supports to solid bearing.

110 mph wind, 9.72 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

The overall height of this truss excluding overhang is 3-10-3.



PLT TYP. Wave TPI 95\

Design Crit: TPI(STD)/FLBC

6.10

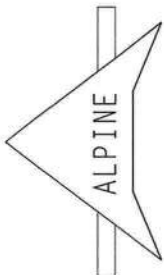
1 FL/-5/-/-R/-

Scale = .375"/Ft.

TC LL	20.0 PSF	REF	R215 -37444
TC DL	10.0 PSF	DATE	05/14/03
BC DL	10.0 PSF	DRW	HCUSR215 03134094
BC LL	0.0 PSF	HC-ENG	CR/MMA
TOT.LD.	40.0 PSF	SEQN-	75043
DUR.FAC.	1.25	FROM	JP
SPACING	24.0"	JREF-	1S20215_Z10



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Alpine Engineered Products, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567NS1/TPI 1 SEC. 2.

THIS DRAWING IS THE PROPERTY OF ALPINE ENGINEERED PRODUCTS, INC. IT IS TO BE USED ONLY FOR THE PROJECT AND LOCATION SPECIFICALLY IDENTIFIED BY THE DRAWING NUMBER.

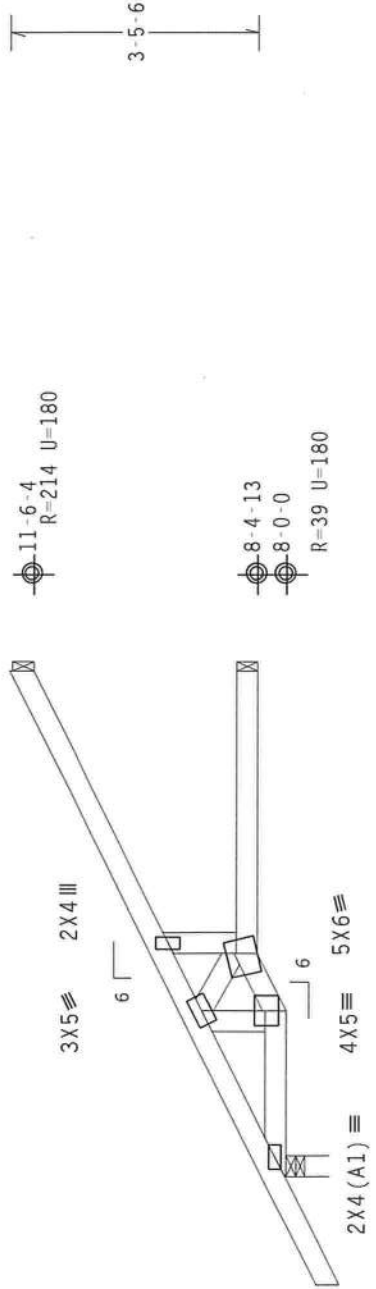
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

110 mph wind, 9.72 ft mean hgt, ASCE 7-98, CLOSED bldg. Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

DEFLECTION MEETS L/240 LIVE AND L/180 TOTAL LOAD.

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

The overall height of this truss excluding overhang is 3-10-3.



PLT TYP. Wave TPI 95\R

Design Crit: TPI(STD)/FLBC

6.10

Scale = .375"/Ft.

TC LL	20.0 PSF	REF	R215 - 37445
TC DL	10.0 PSF	DATE	05/14/03
BC DL	10.0 PSF	DRW	HCUSR215 03134095
BC LL	0.0 PSF	HC-ENG	CR/MMA
TOT.LD.	40.0 PSF	SEQN-	37047
DUR.FAC.	1.25	FROM	JP
SPACING	24.0"	JREF-	1S20215_Z10

ALPINE

Alpine Engineered Products, Inc.
Haines City, FL 33844

FL Certificate of Authorization # 567951/TPI 1 SEC. 2.

MANUEL MARTINEZ

CERTIFICATE

No. 47182

STATE OF FLORIDA

PROFESSIONAL ENGINEER

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO HB-91 (HANDLING INSTALLING AND BRACING), PUBLISHED BY TPI (TRUSS INSTITUTE), 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS, BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

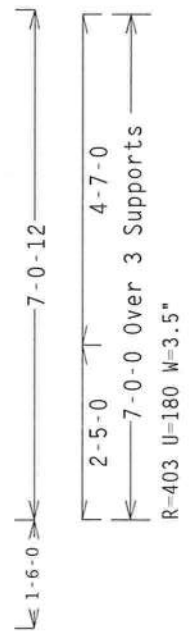
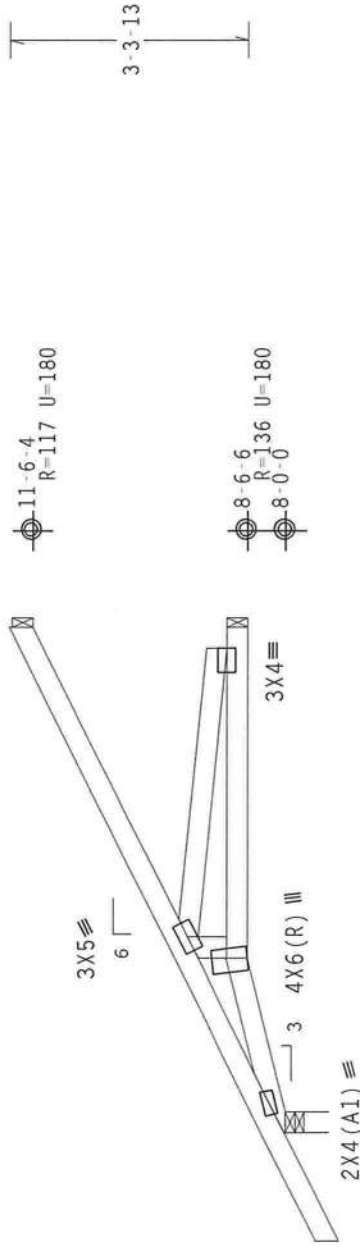
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY FABRICATING, HANDLING, SHIPPING, INSTALLING AND BUILDING THE TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING FROM THIS DESIGN. ANY FAILURE AND BRACING OF TRUSSES. THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/16GA (W-HS/X) ASTM (W, K/HS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER 567951/TPI 1 SEC. 2.

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

110 mph wind, 9.72 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Deflection meets L/360 live and L/240 total load.
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 3-10-3.



PLT TYP. Wave TPI 95\R

Design Crit: TPI(STD)/FLBC

6.10

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

Scale = .375"/Ft.

TC LL	20.0 PSF	REF	R215 -37446
TC DL	10.0 PSF	DATE	05/14/03
BC DL	10.0 PSF	DRW	HCUSR215 03134096
BC LL	0.0 PSF	HC-ENG	CR/MMA
TOT.LD.	40.0 PSF	SEQN-	75046
DUR.FAC.	1.25	FROM	JP
SPACING	24.0"	JREF-	1S2Q215_Z10

Alpine Engineered Products, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 36791

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO HIB-91 (HANDLING, INSTALLING AND BRACING), PUBLISHED BY TPI (TRUSS PRACTICES INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719), FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS. 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 DEVIATING FROM THIS DESIGN: ANY FAILURE OF BUILDING THE TRUSSES IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI.

(W, K/MS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. 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 A3 OF TPI 1-2002 SEC. 3.

THIS DRAWING IS THE PROPERTY OF ALPINE ENGINEERING, INC. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF ALPINE ENGINEERING, INC.

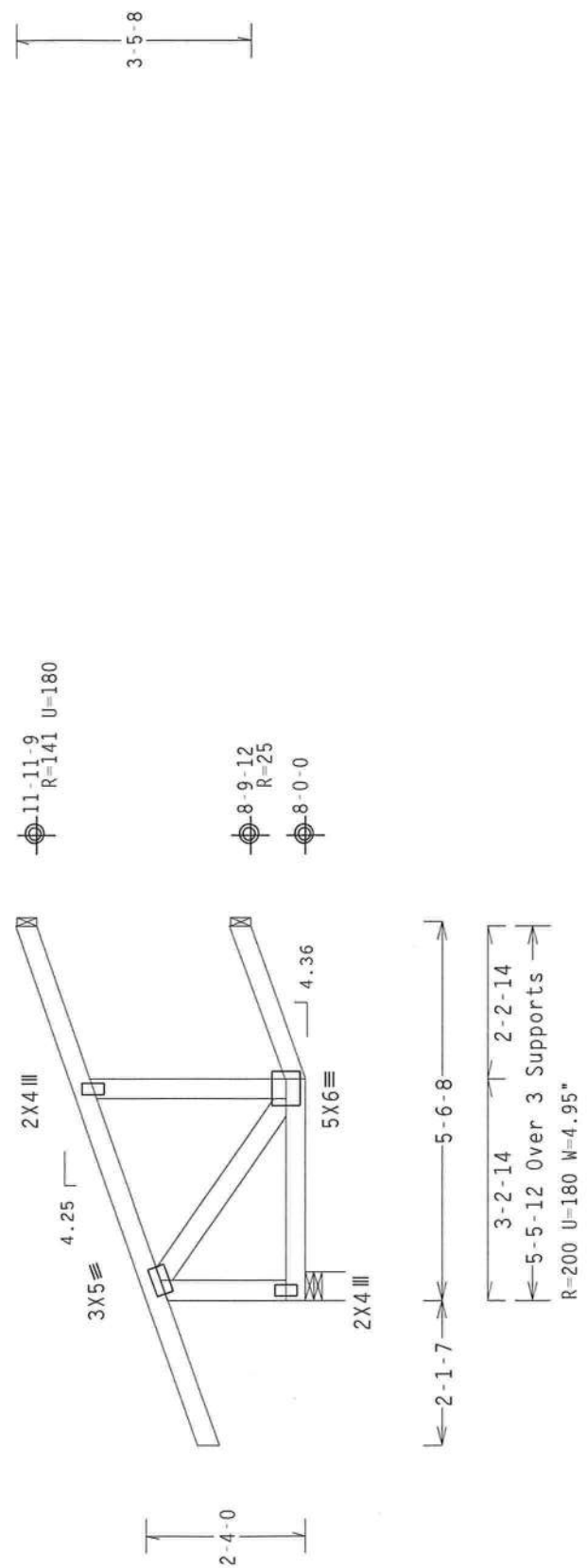
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Hipjack supports 3-10-8 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 4-3-5.



PLT TYP. Wave TPI 95\R

Design Crit: TPI(STD)/FLBC

6.10

Scale = .375"/Ft.

TC LL	20.0 PSF	REF	R215 -37447
TC DL	10.0 PSF	DATE	05/14/03
BC DL	10.0 PSF	DRW	HCUSR215 03134097
BC LL	0.0 PSF	HC-ENG	CR/MMA
TOT.LD.	40.0 PSF	SEON-	37063
DUR.FAC.	1.25	FROM	JP
SPACING	24.0"	JREF-	1S20215_Z10

Alpine Engineering Products, Inc.
Haines City, FL 33844

FL Certificate of Authorization # 567

MANUEL MARTINEZ
CERTIFICATE
No. 47182
STATE OF FLORIDA
PROFESSIONAL ENGINEER

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING, BRACING, REFER TO HB-91 (HANDLING, INSTALLING AND BRACING), PUBLISHED BY TPI (TRUSS PANEL INSTITUTE, 583 O'DONOGHIO DR., SUITE 200, MADISON, WI 53719). FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS, 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 AND BUILD THE TRUSSES IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/16GA (N-MS/K) ASTM (W. K/H5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER FL Certificate of Authorization # 567

THIS DRAWING IS THE PROPERTY OF ALPINE ENGINEERED PRODUCTS, INC. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED BY THESE NOTES.

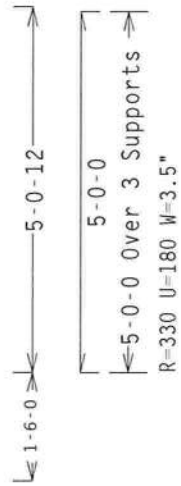
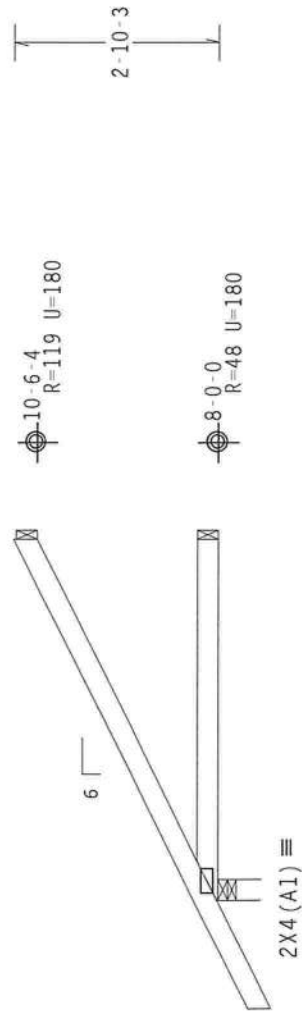
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

110 mph wind, 9.22 ft mean hgt, ASCE 7-98, CLOSED bldg, Located
anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0
psf.

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

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

The overall height of this truss excluding overhang is 2-10-3.



PLT TYP. Wave TPI 95\

Design Crit: TPI(STD)/FLBC

6.10

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

Scale = .375"/Ft.

Alpine Engineered Products, Inc.
Haines City, FL 33844
FL Certificate of Authorization # S67951/TPI 1 SEC. 2.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO HIB-91 (HANDLING, INSTALLING AND BRACING), PUBLISHED BY TPI (TRUSS PRODUCTS INSTITUTE), 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS. 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 FABRICATING, HANDLING, SHIPPING, INSTALLING AND BUILDING OF TRUSSES. THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AF&PA) AND TPI.
(N, K/HS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THE DESIGN. POSITION PER DRAWINGS 160A-2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANNEX A3 OF TPI 1-2002 SEC. 3.

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 -37448

DATE 05/14/03

DRW HCUSR215 03134098

HC-ENG CR/MMA

SEQN- 75014

FROM JP

JREF- 1S20215_Z10



ALPINE ENGINEERED PRODUCTS, INC. 33844 HAINES CITY, FL 33844

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

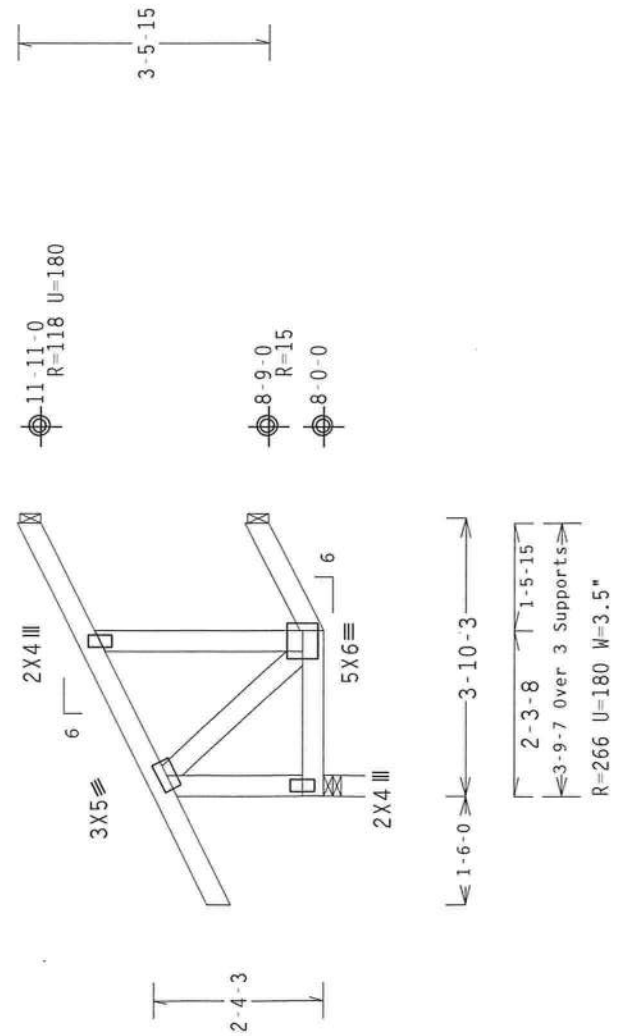
110 mph wind, 10.92 ft mean hgt, ASCE 7-98, CLOSED bldg, Located
anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0
psf.

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 4-2-14.

Shim all supports to solid bearing.



PLT TYP. Wave TPI 95\ Design Crit: TPI(STD)/FLBC

FL/-/5/-/-/R/- Scale = .375"/Ft.

TC LL	20.0 PSF	REF	R215 -37454
TC DL	10.0 PSF	DATE	05/14/03
BC DL	10.0 PSF	DRW	HCUSR215 03134104
BC LL	0.0 PSF	HC-ENG	CR/MMA
TOT.LD.	40.0 PSF	SEQN-	37056
DUR.FAC.	1.25	FROM	JP
SPACING	24.0"	JREF-	1S20215_Z10



ALPINE
Alpine Engineered Products, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567951/TPI 1 SEC. 2.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO HIB-91 (HANDLING, INSTALLING AND BRACING), PUBLISHED BY TPI (TRUSS PRODUCTS INSTITUTE), 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS, 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 TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI.

(N, K/HS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THE DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED IN ACCORDANCE WITH TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER TPI 1 SEC. 2.

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

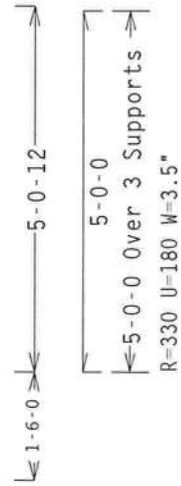
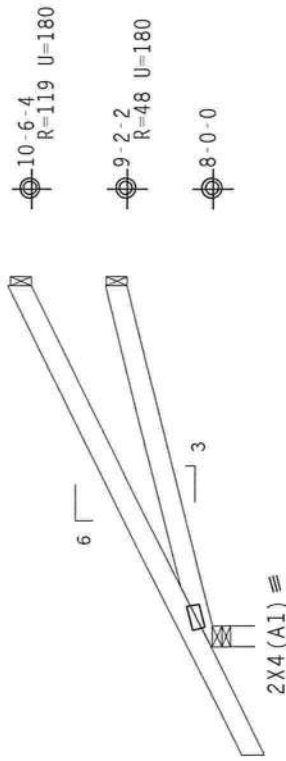
Deflection meets L/360 live and L/240 total load.

Shim all supports to solid bearing.

110 mph wind, 9.22 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

The overall height of this truss excluding overhang is 2-10-3.



PLT TYP. Wave TPI 95\ R	Design Crit: TPI(STD)/FLBC	6.10	FL/-/5/-/-/R/-	Scale = .375"/Ft.
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO HIB-91 (HANDLING, INSTALLING AND BRACING), PUBLISHED BY TPI (TRUSS PRODUCTS INSTITUTE), 583 D'ONOFIO DR., SUITE 200, MADISON, WI 53719. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS. BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.				REF R215 -37449
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 AND BUILDING OF TRUSSES. THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/16GA (N.HS/K) ASTM A572-50 (W, K/H) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER FL Certificate of Authorization # 5679NSI/TPI 1 SEC. 2.				DATE 05/14/03
				DRW HCUSR215 03134099
				HC-ENG CR/MMA
				SEQN- 75032
				FROM JP
				JREF- 1S2Q215_Z10

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

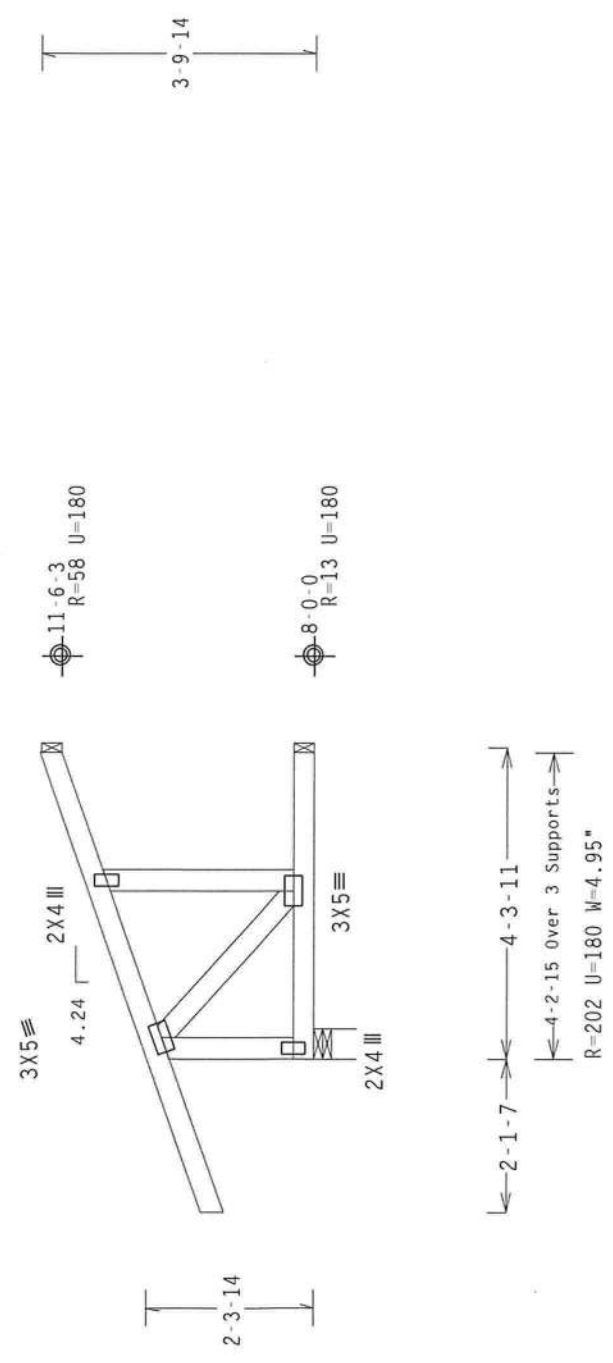
110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg. Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

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

The overall height of this truss excluding overhang is 3-9-14.

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



PLT TYP. Wave TPI 95\R Design Crit: TPI(STD)/FLBC

6.10

Scale = .375"/Ft.

TC LL	20.0 PSF	REF	R215 -37450
TC DL	10.0 PSF	DATE	05/14/03
BC DL	10.0 PSF	DRW	HCUSR215 03134100
BC LL	0.0 PSF	HC-ENG	CR/MMA
TOT.LD.	40.0 PSF	SEQN-	37183
DUR.FAC.	1.25	FROM	JP
SPACING	24.0"	JREF-	1S2Q215_Z10



Alpine Engineered Products, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567NS1/TP1 1 SEC. 2.

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

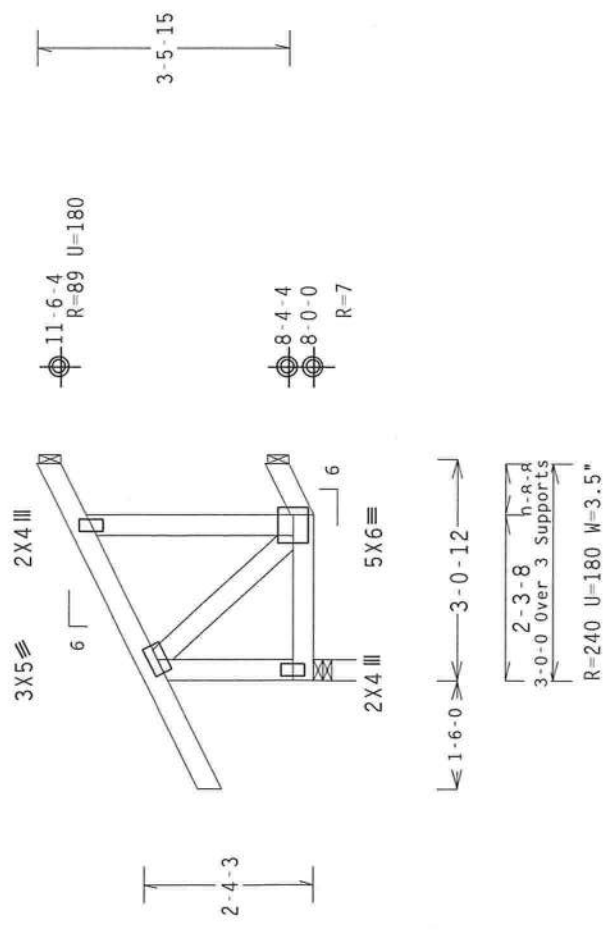
Shim all supports to solid bearing.

DEFLECTION MEETS L/240 LIVE AND L/180 TOTAL LOAD.

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

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

The overall height of this truss excluding overhang is 3-10-3.



PLT TYP. Wave TPI 95\ R

Design Crit: TPI(STD)/FLBC

6.10

Scale = .375" / Ft.

TC LL	20.0 PSF	REF	R215 -37451
TC DL	10.0 PSF <td>DATE</td> <td>05/14/03</td>	DATE	05/14/03
BC DL	10.0 PSF <td>DRW</td> <td>HCUSR215 03134101</td>	DRW	HCUSR215 03134101
BC LL	0.0 PSF <td>HC-ENG</td> <td>CR/MMA</td>	HC-ENG	CR/MMA
TOT.LD.	40.0 PSF <td>SEQN-</td> <td>37053</td>	SEQN-	37053
DUR.FAC.	1.25 <td>FROM</td> <td>JP</td>	FROM	JP
SPACING	24.0"	JREF-	1S20215_Z10

MANUEL MARTINEZ
CERTIFICATE
No. 47182
STATE OF FLORIDA
PROFESSIONAL ENGINEER

ALPINE

Alpine Engineered Products, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 56791

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO HIB-91 (HANDLING, INSTALLING AND BRACING), PUBLISHED BY TPI (TRUSS & PIPE INSTITUTE), 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS, 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 FABRICATING, HANDLING, SHIPPING, INSTALLING OR BUILDING THE TRUSSES IN CONFORMANCE WITH TPI. THIS DESIGN CONFORMS WITH TPI'S ALPINE CONNECTOR PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THE SPEC. BY AFSPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/16GA (W.HS/K) ASTM A575 (M. K/HIS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THE DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. PER TPI 1 SEC. 2.

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

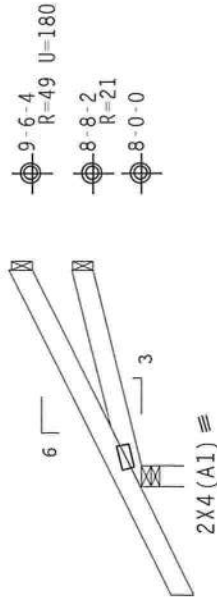
Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 1-10-3.

DEFLECTION MEETS L/360 LIVE AND L/240 TOTAL LOAD.

110 mph wind, 8.72 ft mean hgt, ASCE 7-98, CLOSED bldg. Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Shim all supports to solid bearing.



1-6-0 3-0-12

3-0-0
3-0-0 Over 3 Supports

R=266 U=180 W=3.5"

1-2-1

PLT TYP. Wave TPI 95\R

Design Crit: TPI(STD)/FLBC

6.10

FL/-5/-/-R/-

Scale = .375"/Ft.

TC LL	20.0 PSF	REF	R215 -37452
TC DL	10.0 PSF	DATE	05/14/03
BC DL	10.0 PSF	DRW	HCUSR215 03134102
BC LL	0.0 PSF	HC-ENG	CR/MMA
TOT.LD.	40.0 PSF	SEQN-	75030
DUR.FAC.	1.25	FROM	JP
SPACING	24.0"	JREF-	1S2Q215_Z10



ALPINE
Alpine Engineered Products, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567NSI/TPI 1 SEC. 2.

BRACING* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING, AND BRACING. REFER TO HIB-91 (HANDLING, INSTALLING AND BRACING), PUBLISHED BY TPI (TRUSS PRODUCTS INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719), FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS, 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 TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF RDS (NATIONAL DESIGN SPEC. BY AISC) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/16GA (W-HS/K) ASTM A573 (W, K/HIS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THE DESIGN, POSITION PER DRAWINGS 160A-Z. 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 567NSI/TPI 1 SEC. 2.

ALPINE ENGINEERED PRODUCTS, INC. 33844 HAINES CITY, FL 33844

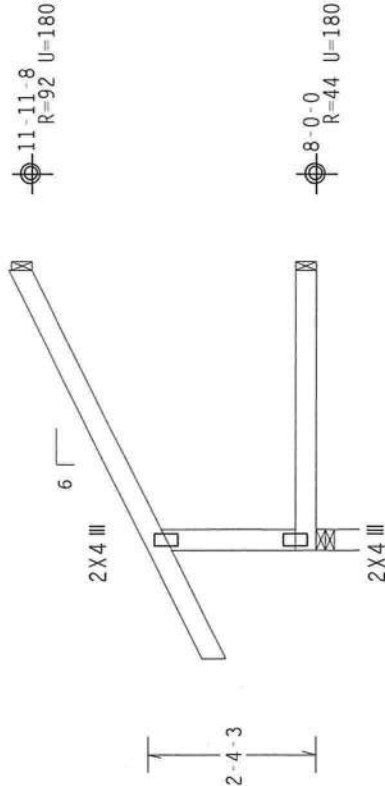
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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

110 mph wind, 10.94 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

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



L=1-6-0
3-11-4
3-10-8 Over 3 Supports
R=270 U=180 W=3.5"

PLT TYP. Wave TPI 95/R	Design Crit: TPI(STD)/FLBC		6.10		FL/-/5/-/-/R/-		Scale = .375" / Ft.	
	WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING, AND BRACING. REFER TO THE 91 (HANDLING, INSTALLING AND BRACING), PUBLISHED BY TPI (TRUSS & INSTITUTE, 588 O'CONNOR DR., SUITE 200, MADISON, WI 53719), FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS. BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.		TC LL		20.0 PSF		REF R215 - 37453	
ALPINE ENGINEERED PRODUCTS, INC. Haines City, FL 33844 FL Certificate of Authorization # 567MSI/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 OR BUILDING THE TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2016GA (M-HS/K) ASTM (M. K/HIS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THE DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. PER		TC DL		10.0 PSF		DATE 05/14/03	
			BC DL		10.0 PSF		DRW HCUSR215 03134103	
			BC LL		0.0 PSF		HC-ENG CR/MMA	
			TOT.LD.		40.0 PSF		SEQN - 37060	
					DUR.FAC.		FROM JP	
					SPACING		JREF - 1S20215_Z10	

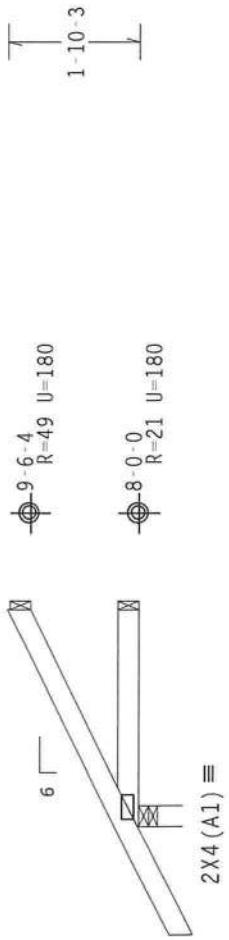
110 mph wind, 8.72 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

The overall height of this truss excluding overhang is 1-10-3.

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

DEFLECTION MEETS L/360 LIVE AND L/240 TOTAL LOAD.

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



PLT TYP. Wave TPI 95\	Design Crit: TPI(STD)/FLBC	6.10	12	FL/-/5/-/-/R/-	Scale = .375"/Ft.
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO HB-91 (HANDLING, INSTALLING AND BRACING), PUBLISHED BY TPI (TRUSS PRODUCTS, INC.), 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS, BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.					REF R215 -37455
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 AND BUILD THE TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NDS/K) ASTM SPEC. BY AF&PA) AND TPI. (M, K/H) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON DESIGN, POSITION PER DRAWINGS 160A-2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER					DATE 05/14/03
					DRW HCUSR215 03134105
					HC-ENG CR/MMA
					SEQN- 75019
					FROM JP
					JREF- 1S20215_Z10



Alpine Engineered Products, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567951/TPI 1 SEC. 2.

110 mph wind, 8.22 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

The overall height of this truss excluding overhang is 0-10-3.

DEFLECTION MEETS L/360 LIVE AND L/240 TOTAL LOAD.


$$2 \times 4(A1) \equiv$$

1-6-0-1-0-12

1-0-0 Over 3 Supports

R=294 U=180 W=3.5"

PLT TYP. Wave TPI 95\R

Design Crit: TPI (STD) / FLBC

6.10

FI 1-151-1-1R1-

Scale = 5"/Ft

TC LL	20.0	PSF	REF	R215	-37456
TC DL	10.0	PSF	DATE	05/14/03	
BC DL	10.0	PSF	DRW	HCUSR215	03134106
BC LL	0.0	PSF	HC-ENG CR/MMA		
TOT.LD.	40.0	PSF	SEQN-	75021	
DUR.FAC.	1.25		FROM	JP	
SPACING	24.0"		JREF-	1S20215 Z10	

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.

REFER TO HIB-91 (HANDLING, INSTALLING AND BRACING), PUBLISHED BY TPI (TRUSS & PLATE INC., 583 D'ONOFIO DR., SUITE 200, MADISON, WI 53719). FOR SAFETY PRECAUTIONS, THE FOLLOWING FUNCTIONS, UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS, BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****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 OR WEAR AND TEAR OF THE TRUSSES WILL BE THE RESPONSIBILITY OF THE INSTALLER.

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES. UNLESS OTHERWISE SPECIFIED, ALL MATERIALS SHALL BE AS PER THE FOLLOWING:

ALPINE CONNECTOR PLATES ARE MADE OF 2016GA (.045/K) ASTM A572M (F45) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON DRAWING, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE IN ACCORDANCE WITH TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. PER TPI 1-2002 SEC. 2.

Alpine Engineered Products, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 5

110 mph wind, 10.22 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

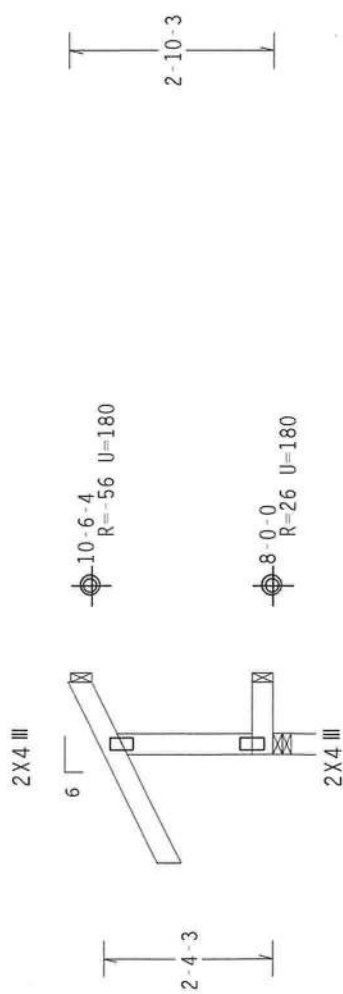
The overall height of this truss excluding overhang is 2-10-3.

DEFLECTION MEETS L/360 LIVE AND L/240 TOTAL LOAD.

Top chord 2x4 SP #2 N

Bot chord 2x4 SP #2 N

Webs 2x4 SP #2 N



1-6-0 ≥ 1-0-12

1-0-0 Over 3 Supports

R=208 U=180 W=3.5"

PLT TYP.. Wave TPI 95\R

Design Crit: TPI(STD)/FLBC

6.10

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

Scale = .375"/Ft.

Alpine Engineered Products, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 56791

MANUEL MARTINEZ
CERTIFICATE
No. 47182
STATE OF FLORIDA
PROFESSIONAL ENGINEER

TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING, AND BRACING. REFER TO HIB-91 (HANDLING, INSTALLING AND BRACING), PUBLISHED BY TPI (TRUSS PRACTICES INSTITUTE), 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS, 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 TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/16GA (W.HS/K) ASTM A572 (W. K/HIS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THE DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER 56791 NSI/TPI 1 SEC. 2.

TC LL	20.0 PSF	REF	R215 -37458
TC DL	10.0 PSF	DATE	05/14/03
BC DL	10.0 PSF	DRW	HCUSR215 03134108
BC LL	0.0 PSF	HC-ENG	CR/MMA
TOT.LD.	40.0 PSF	SEQN-	37050
DUR.FAC.	1.25	FROM	JP
SPACING	24.0"	JREF-	1S20215_Z10

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

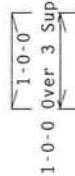
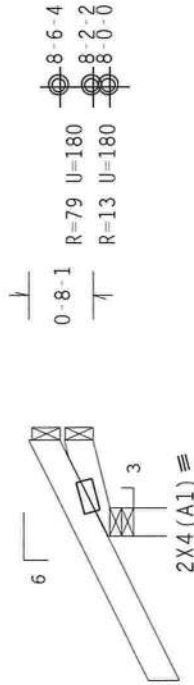
Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 0-10-3.

DEFLECTION MEETS L/360 LIVE AND L/240 TOTAL LOAD.

110 mph wind, 8.22 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Shim all supports to solid bearing.



R=294 U=180 W=3.5"

PLT TYP. Wave TPI 95\

Design Crit: TPI(STD)/FLBC

6.10

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

Scale = 5"/Ft.

TC LL	20.0 PSF	REF	R215 -37457
TC DL	10.0 PSF	DATE	05/14/03
BC DL	10.0 PSF	DRW	HCUSR215 03134107
BC LL	0.0 PSF	HC-ENG	CR/MMA
TOT.LD.	40.0 PSF	SEQN-	75027
DUR.FAC.	1.25	FROM	JP
SPACING	24.0"	JREF-	1S20215_Z10

****WARNING*** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO HIB-91 (HANDLING, INSTALLING AND BRACING), PUBLISHED BY TPI (TRUSS PRODUCTIONS, INC.), 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS. BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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ALPINE CONNECTOR PLATES ARE MADE OF 20/16GA (N.HS/K) ASTM A656 (N. K/HIS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON DESIGN, POSITION PER DRAWINGS 1604-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER 67NSI/TPI 1 SEC. 2.



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

ALPINE ENGINEERED PRODUCTS, INC. 33844 HAINES CITY, FL 33844

2 COMPLETE TRUSSES REQUIRED

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

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

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

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

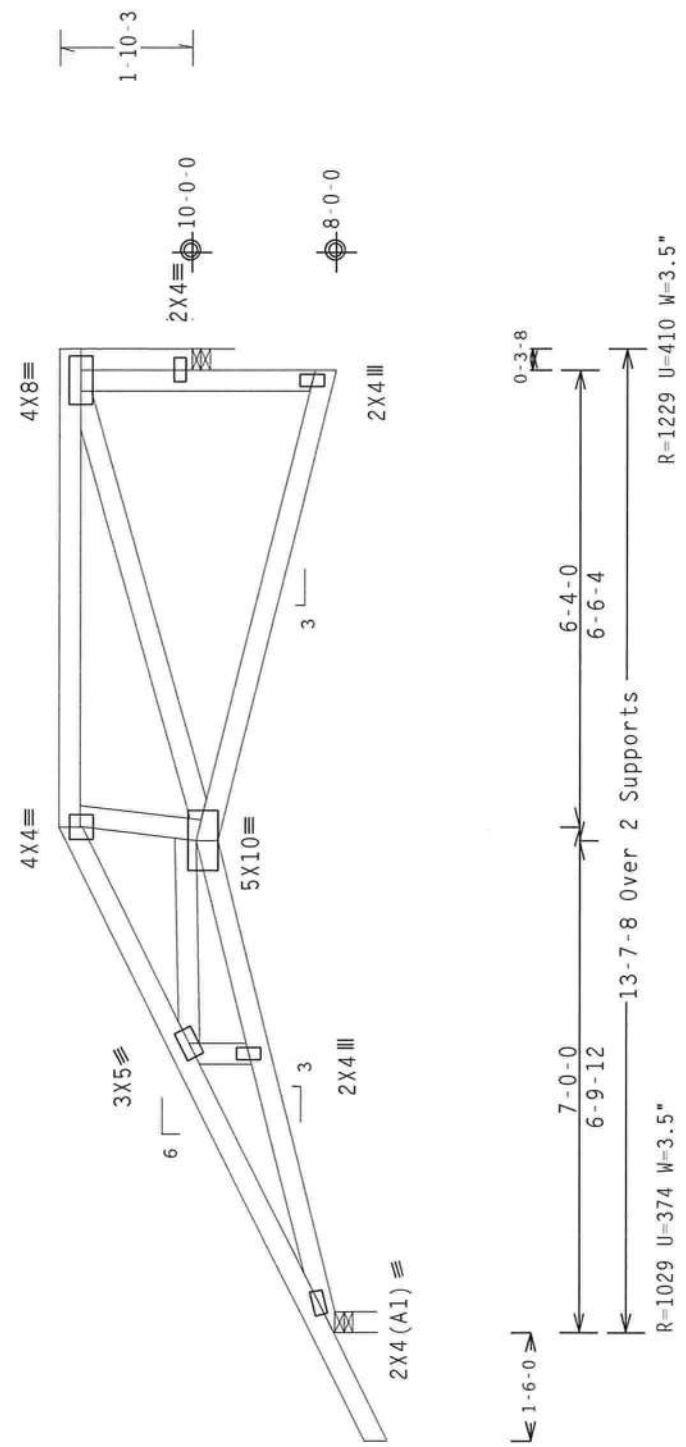
The overall height of this truss excluding overhang is 3-10-3.

NAILING SCHEDULE: (0.131x3.0_g_nails)
TOP CHORD: 1 ROW @ 12" O.C.
BOT CHORD: 1 ROW @ 12" O.C.
WEBS : 1 ROW @ 4" O.C.
USE EQUAL SPACING BETWEEN ROWS AND STAGGER NAILS IN EACH ROW TO AVOID SPLITTING.

Right end vertical not exposed to wind pressure.

#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.



PLT TYP. Wave TPI 95\R

Design Crit: TPI(STD)/FLBC

6.10

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

Scale = .375"/Ft.

TC LL	20.0 PSF	REF	R215 -37459
TC DL	10.0 PSF	DATE	05/14/03
BC DL	10.0 PSF	DRW	HCUSR215 03134109
BC LL	0.0 PSF	HC-ENG	CR/MMA
TOT.LD.	40.0 PSF	SEQN-	37029
DUR.FAC.	1.25	FROM	JP
SPACING	24.0"	JREF-	1S2Q215_Z10

ALPINE

Alpine Engineered Products, Inc.
Haines City, FL 33844

FL Certificate of Authorization # 567NS1/TPI 1 SEC. 2.

MANUEL MARTINEZ

CERTIFICATE

No. 47182

STATE OF FLORIDA

PROFESSIONAL ENGINEER

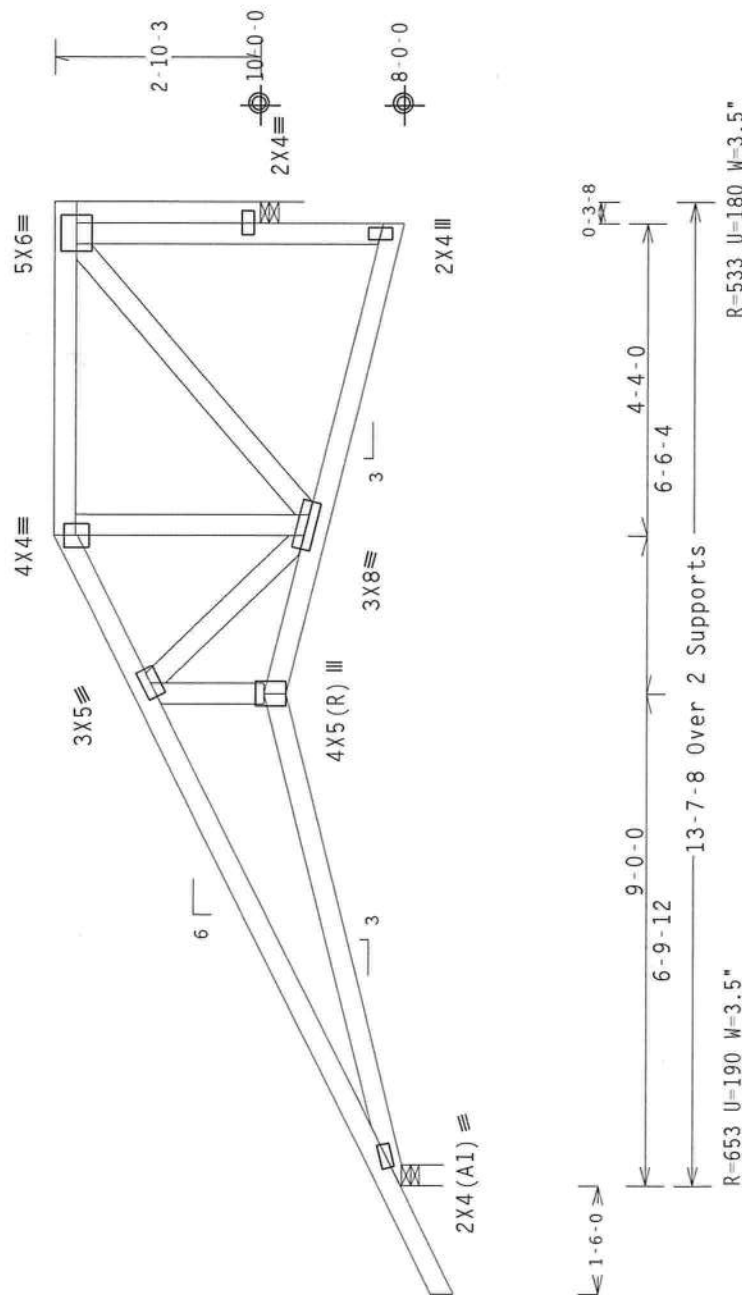
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO HIB-91 (HANDLING, INSTALLING AND BRACING), PUBLISHED BY TPI (TRUSS PRODUCTS INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719), FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS, 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 AND BUILD THE TRUSSES IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AFSPA) AND TPI.

(M, K/HS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE AMEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER FL Certificate of Authorization # 567NS1/TPI 1 SEC. 2.

The overall height of this truss excluding overhang is 4-10-3.

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


$$\text{Scale} = 375''/\text{ft}$$

TC LL	20.0	PSF	REF R215 -37460
TC DL	10.0	PSF	DATE 05/14/03
BC DL	10.0	PSF	DRW HCUR215 03134110
BC LL	0.0	PSF	HC-ENG CR/MMA
TOT.LD.	40.0	PSF	SEQN- 37032
DUR.FAC.	1.25		FROM JP
SPACING	24.0"		JREF- 1S20215 710

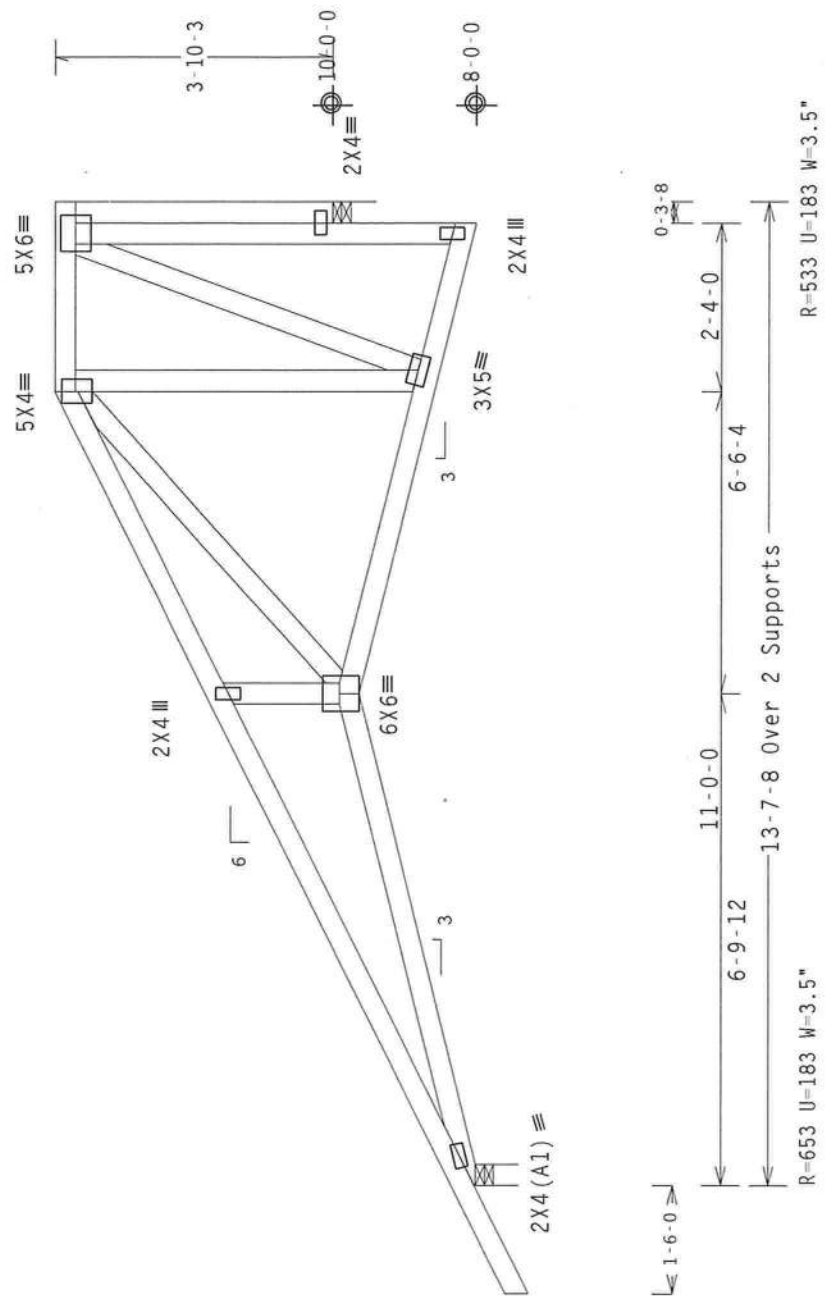


Alpine Engineered Products, Inc.
Haines City, FL 33844
FL Certificate of Authorization # S

Haines City, FL 33844
USE OF THIS COMPONENT
567NS1/TPI 1 SEC. 2,
567NS1/TPI 1 SEC. 2,

THIS WORK IS THE PROPERTY OF ALPINE ENGINEERING, INC. AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM.

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
:Rt Bearing Leg 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.
110 mph wind, 10.72 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.
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 5-10-3.



PLT TYP. Wave TPI 95\R

Design Crit: TPI(STD)/FLBC

6.10

Scale = .375"/Ft.

REF	R215	-37461
DATE	05/14/03	
DRW	HCUSR215	03134111
HC-ENG	CR/MMA	
SEQN	-	37035
FROM	JP	
JREF	1S20215_Z10	

ALPINE

Alpine Engineered Products, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 5679NSI/TPI 1 SEC. 2.

MANUEL MARTINEZ

CERTIFICATE

No. 47182

STATE OF FLORIDA

PROFESSIONAL ENGINEER

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO HIB-91 (HANDLING, INSTALLING AND BRACING), PUBLISHED BY TPI (TRUSS PRODUCTS INSTITUTE), 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS. 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 AND BUILD THE TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/16GA (M-NS/K) ASTM A656 (M, K/MS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE IN ACCORDANCE WITH TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER 5679NSI/TPI 1 SEC. 2.

110 mph wind, 11.22 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

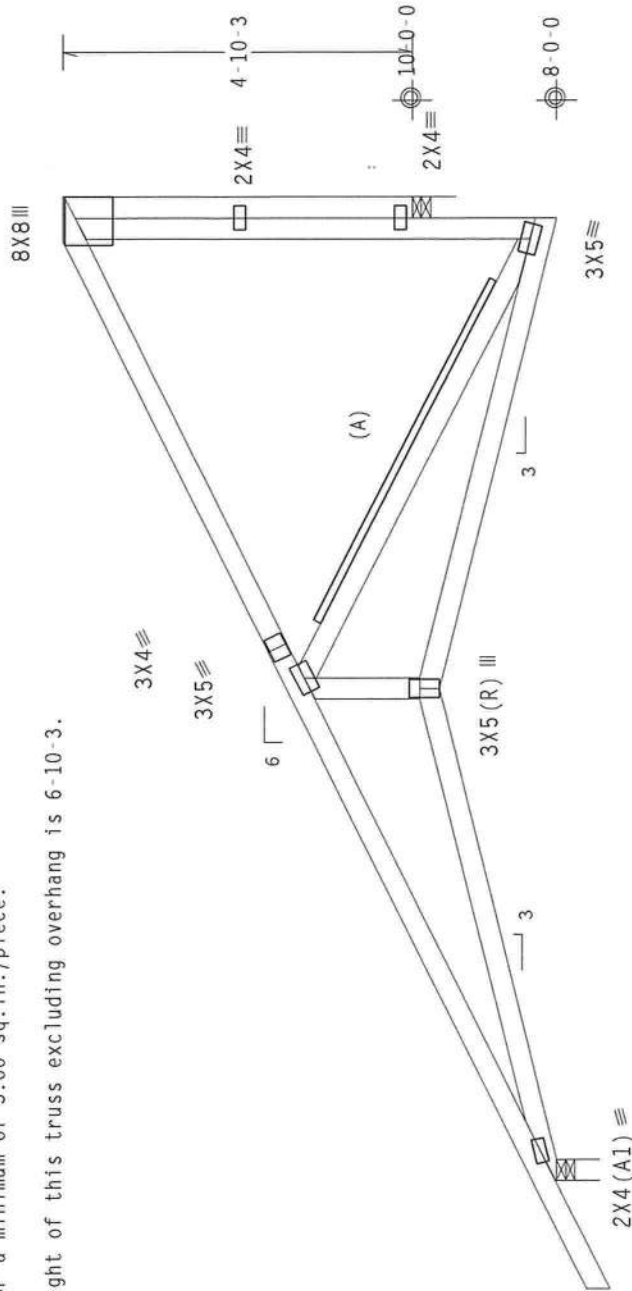
(A) 1x4 #3 or better "T" brace. 80% length of web member. Attach with 8d nails @ 6" OC.

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.

The overall height of this truss excluding overhang is 6-10-3.


$$L = 1.6 \times 10^{-7}$$

0-3-8

6-9-12

6-6-4

13-7-8 Over 2 Supports

R=653 U=180 W=3.5"

R=518 U=190 W=3.5"

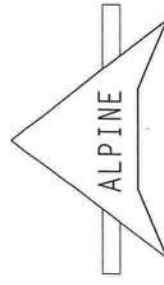
PLT TYP. Wave TPI 95\R

Design Crit: TPI (STD) / FLBC

6.10

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

Scale = .375"/Ft.



Alpine Engineered Products, Inc.
Haines City, FL 33844

FL Certificate of Authorization

JREF- 1S2Q215_Z10

SPACING 24.0"

1. **1.1**

FOR THE BUILDING IS THE NEAREST ONE TO THE

FL Certificate of Authorization # 567

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

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

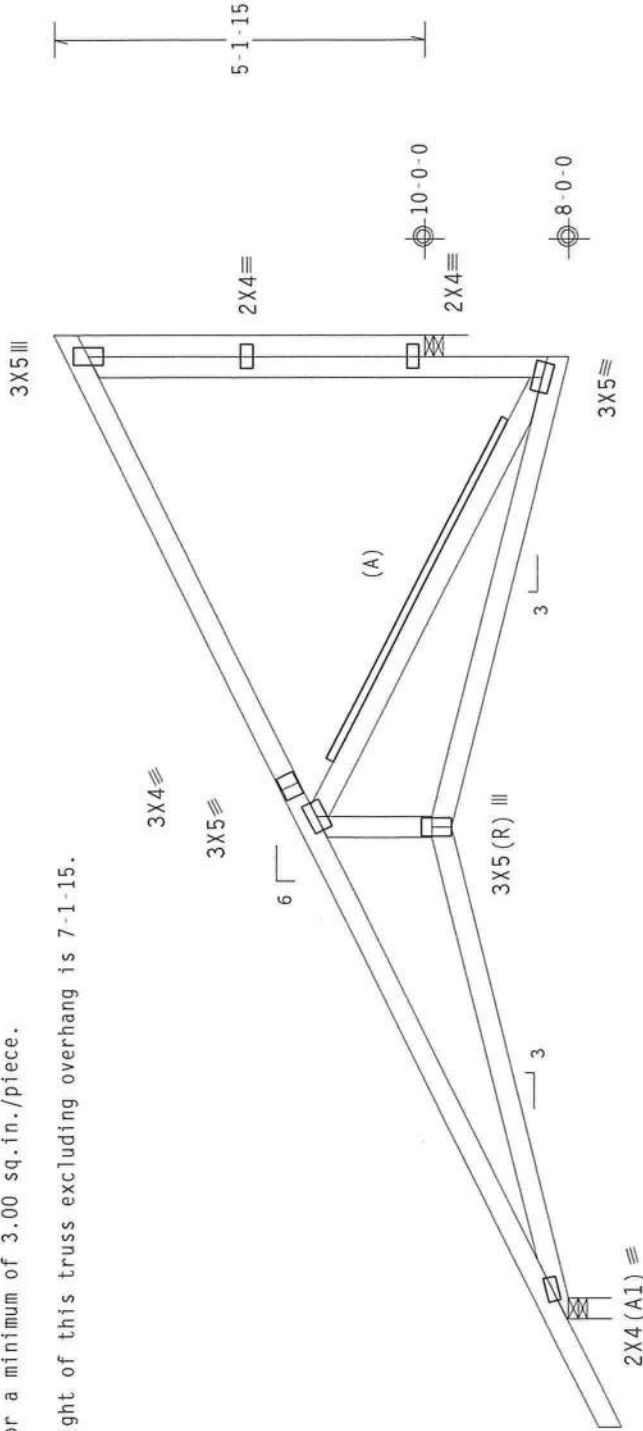
Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 7-1-15.

110 mph wind, 11.38 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

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



1-6-0

6-9-12

13-7-8 Over 2 Supports

R-653 U=180 W=3.5"

6-6-4

R-533 U=211 W=3.5"

0-3-8

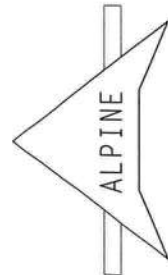
PLT TYP. Wave TPI 95\R

Design Crit: TPI(STD)/FLBC

6.10

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

Scale = .375"/Ft.



Alpine Engineered Products, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567951/TPI 1 SEC. 2.



TC LL	20.0 PSF	REF	R215 -37463
TC DL	10.0 PSF	DATE	05/14/03
BC DL	10.0 PSF	DRW	HCUSR215 03134113
BC LL	0.0 PSF	HC-ENG	CR/MMA
TOT.LD.	40.0 PSF	SEQN-	37043
DUR.FAC.	1.25	FROM	JP
SPACING	24.0"	JREF-	1S2Q215_Z10

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

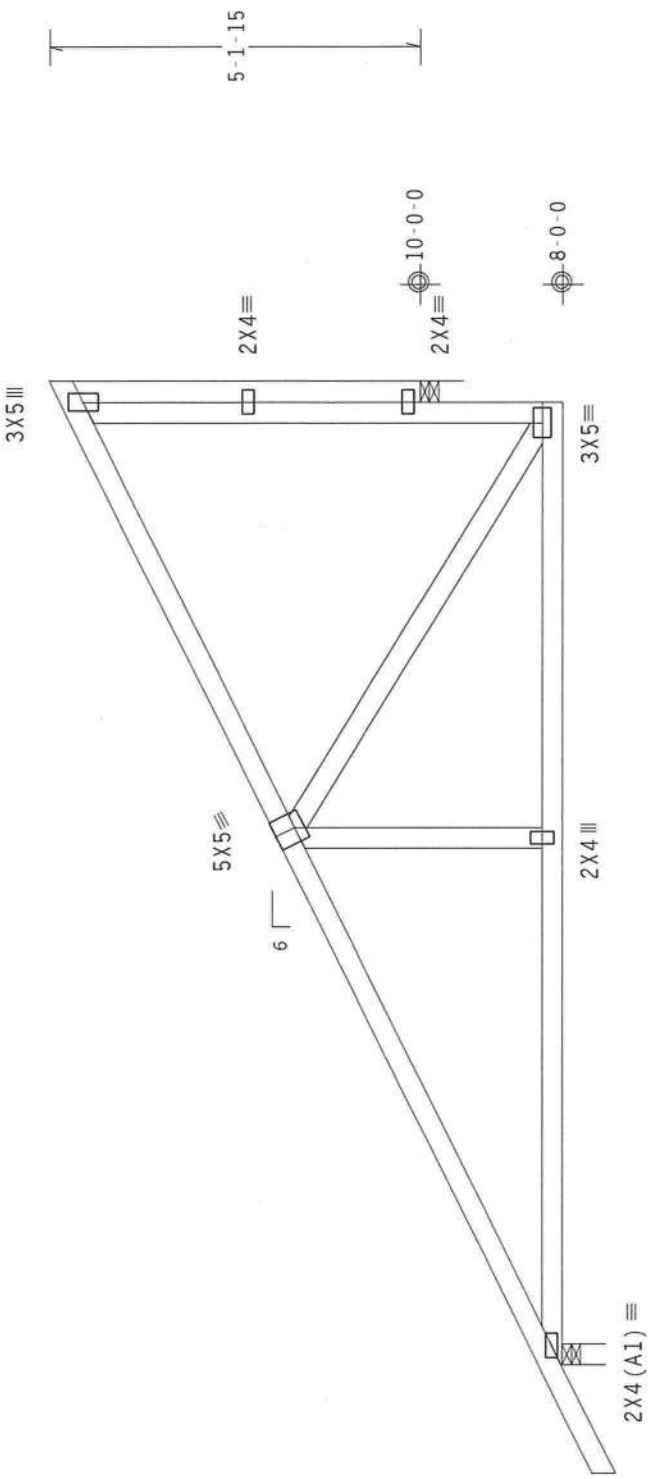
Deflection meets L/360 live and L/240 total load.

The overall height of this truss excluding overhang is 7-1-15.

110 mph wind, 11.38 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

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



1-6-0
13-7-8 Over 2 Supports
R-653 U=180 W=3.5"
R-533 U=214 W=3.5"

PLT TYP. Wave TPI 95\	Design Crit: TPI(STD)/FLBC	6.10	FL/-/5/-/-/R/-	Scale = .375"/Ft.
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING, BRACING, REFER TO HIB-91 (HANDLING INSTALLING AND BRACING), PUBLISHED BY TPI (TRUSS PRODUCTS INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719). FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS, BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.				REF R215 -37464
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 AND BUILD THE TRUSSES IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/16GA (N-HS/K) ASTM A36 (N, K/HNS) 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 PERFORMED IN ACCORDANCE WITH TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER 567NSI/TPI 1 SEC. 2.				DATE 05/14/03
				DRW HCUSR215 03134114
				HC-ENG CR/MMA
				SEQN- 37116
				FROM JP
				JREF- 1S20215_Z10



Alpine Engineered Products, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567NSI/TPI 1 SEC. 2.

110 mph wind, 11.38 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.



PLT TYP.: Wave TPI 95\R

ALPINE

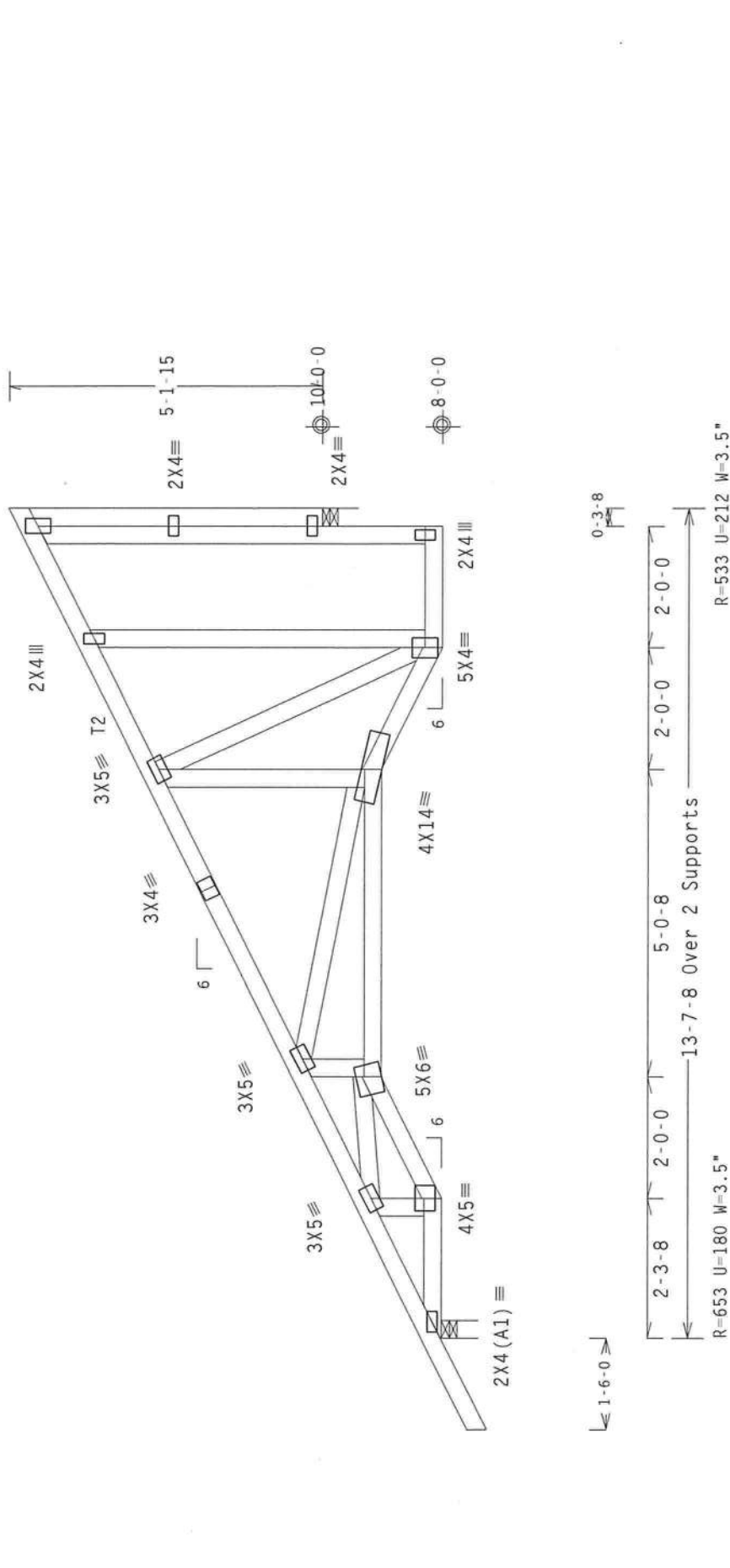
Alpine Engineered Products, Inc.
Haines City, FL 33844
FL Certificate of Authorization # S60790

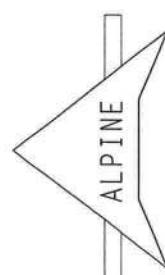
THIS DRAWING IS THE PROPERTY OF ALPINE ENGINEERED PRODUCTS, INC. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED BY THE DRAWING TITLE.

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

110 mph wind, 11.38 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.
Right end vertical not exposed to wind pressure.
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 7-1-15.





Alpine Engineered Products, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 5679NSI/TPI 1 SEC. 2.

PLT TYP. Wave TPI 95\R

Design Crit: TPI(STD)/FLBC

Scale = .375"/Ft.

TC LL	20.0 PSF	REF	R215 -37466
TC DL	10.0 PSF	DATE	05/14/03
BC DL	10.0 PSF	DRW	HCUSTR215 03134116
BC LL	0.0 PSF	HC-ENG	CR/MMA
TOT.LD.	40.0 PSF	SEON-	37084
DUR.FAC.	1.25	FROM	JP
SPACING	24.0"	JREF-	1S20215_Z10

0-3-8

2-3-8 2-0-0 5-0-8 13-7-8 Over 2 Supports 2-0-0 2-0-0 2-0-0

R=653 U=180 W=3.5"

R=533 U=212 W=3.5"

MANUEL MARTINEZ

CERTIFICATE

No. 47182

STATE OF FLORIDA

PROFESSIONAL ENGINEER

10/1/02

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO HIB-91 (HANDLING, INSTALLING AND BRACING), PUBLISHED BY TPI (TRUSS PRODUCTS INSTITUTE, 589 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719). FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS, 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 TRUSSES IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AF&PA) AND TPI.

(N, K/H) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. PER ANNEX A3 OF TPI 1-2002 SEC. 3.

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

110 mph wind, 10.94 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

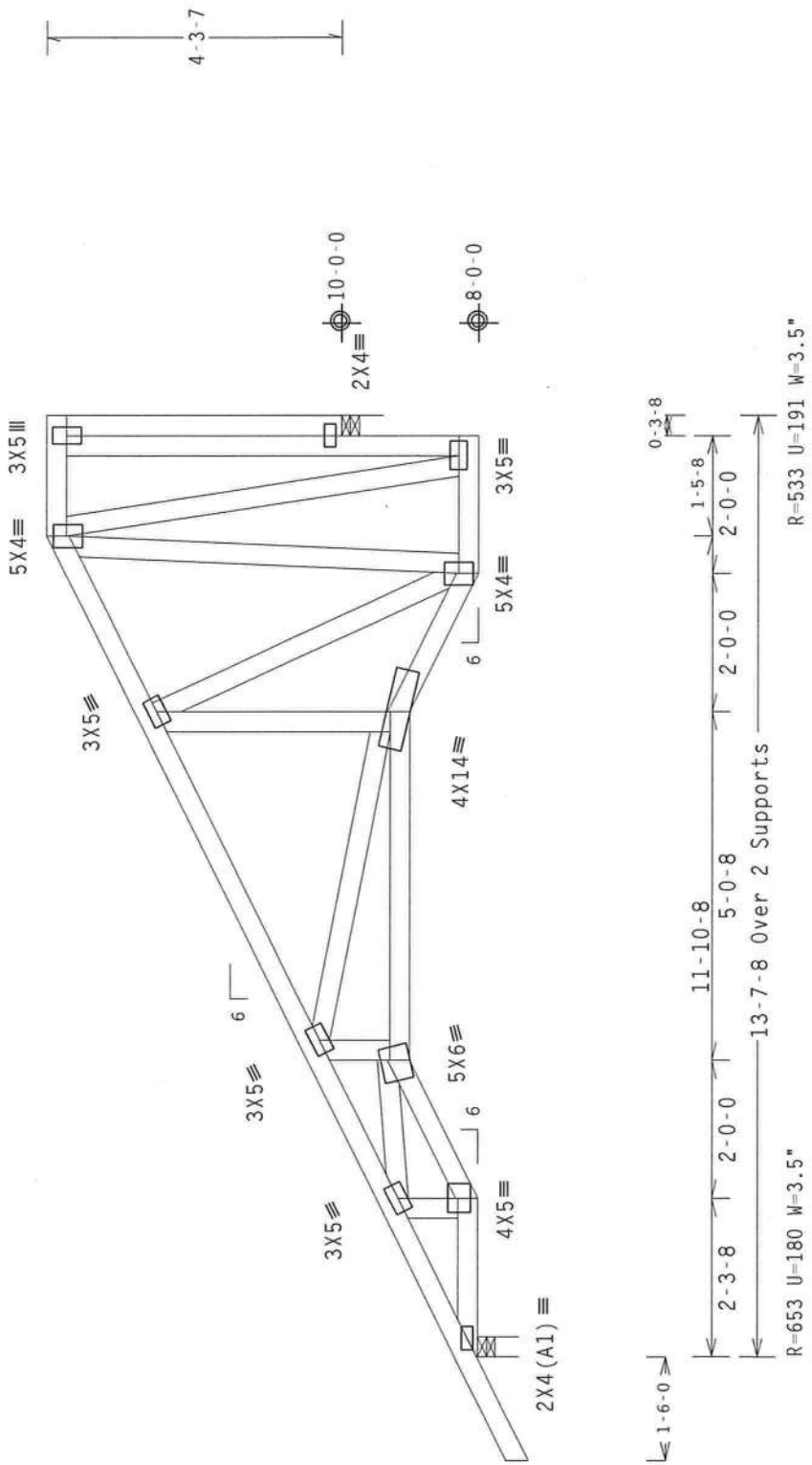
Right end vertical not exposed to wind pressure.

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

The overall height of this truss excluding overhang is 6-3-7.

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

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



ALPINE	CERTIFICATE OF DESIGNATION NO. 47182 STATE OF FLORIDA PROFESSIONAL ENGINEER	TOTAL TYPE: Wave TPI 95/R	Design Crit: TPI(STD)/FLBC	6.10	Scale = .375"/Ft.
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO HIB-91 (HANDLING INSTALLING AND BRACING), PUBLISHED BY TPI (TRUSS PRODUCTIONS) INC., 588 D'ONDRIPO DR., SUITE 200, WAUWATONIA, WI 53191. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS. 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 DEVIATING FROM THIS DESIGN. ANY FAILURE OR BUILD THE TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/16GA (.M/H5/K) ASTM A661 (M, K/H5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON DRAWING, POSITION PER DRAWINGS 160A-Z". AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. PER CHAPTER 6B FS-1/TPI 1 SEC. 2.-					
REF	R215 -37467	TC LL	20.0 PSF	FL/- /5/- /-/R/-	
DATE	05/14/03	TC DL	10.0 PSF		
DRW	HCUSTR215 03134117	BC DL	10.0 PSF		
HC-ENG CR/MMA		BC LL	0.0 PSF		
SEQN-	37078	TOT.LD.	40.0 PSF		
FROM	J.P.	DUR.FAC.	1.25		
JREF-	1S2Q215_Z10	SPACING	24.0"		

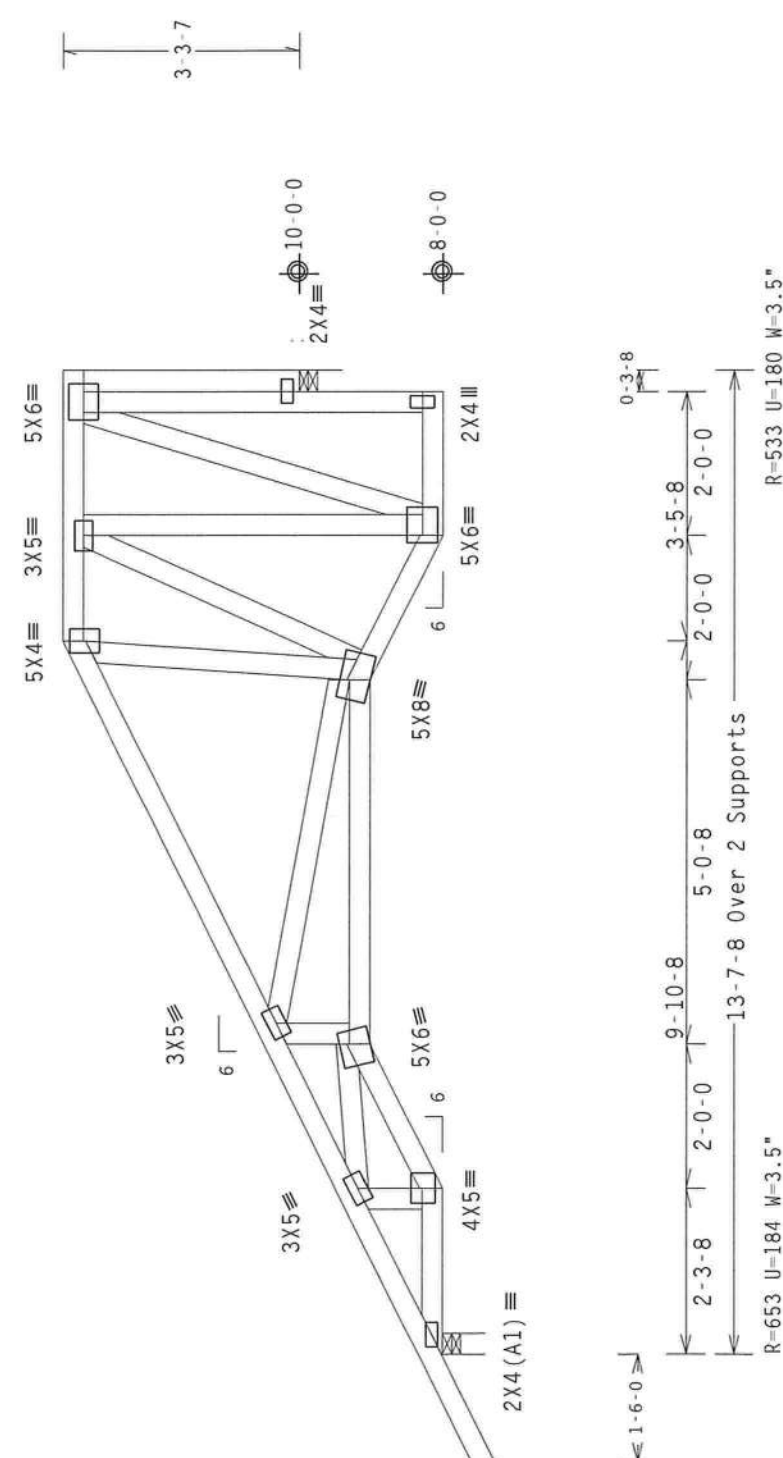
Alpine Engineered Products, Inc.
Haines City, FL 33844
Certificate of Authorization # S67MSI-TPI 1

THIS DRAWING IS THE PROPERTY OF ALPINE ENGINEERED PRODUCTS, INC. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED ON THIS DRAWING. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF ALPINE ENGINEERED PRODUCTS, INC.

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
:Rt Bearing Leg 2x4 SP #2 N:
110 mph wind, 10.44 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.
Deflection meets L/360 live and L/240 total load.
The overall height of this truss excluding overhang is 5-3-7.

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 TPI 95\	Design Crit: TPI(STD)/FLBC	6.10	1	FL/-/5/-/-/R/-	Scale = .375"/Ft.
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO HB-91 (HANDLING, INSTALLING AND BRACING), PUBLISHED BY TPI (TRUSS PANEL INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719), FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS, BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.					TC LL 20.0 PSF
IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATING FROM THIS DESIGN: ANY FAILURE OR BUILDING THE TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/16GA (N-MS/K) ASTM DESIGN (W, K/MS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THE DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE IN ACCORDANCE WITH TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER FL Certificate of Authorization # 567951/TPI 1 SEC. 2.					TC DL 10.0 PSF
					BC DL 10.0 PSF
					BC LL 0.0 PSF
					TOT.LD. 40.0 PSF
					DUR.FAC. 1.25
					SPACING 24.0"
					REF R215 -37468
					DATE 05/14/03
					DRW HCUSR215 03134118
					HC-ENG CR/MMA
					SEQN- 37074
					FROM JP
					JREF- 1S2Q215_Z10

Alpine Engineered Products, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567951/TPI 1 SEC. 2.

וּלְדֵי תַמַּת וְעַל שְׂעָרָה וְעַל חֲסִידוֹתָיו דָּעוּתוֹ (רַמְבַּמִּי פֶתִיחַ הַחֲסִידוֹת עַל הַחֲסִידוֹת וְעַל הַחֲסִידוֹת)

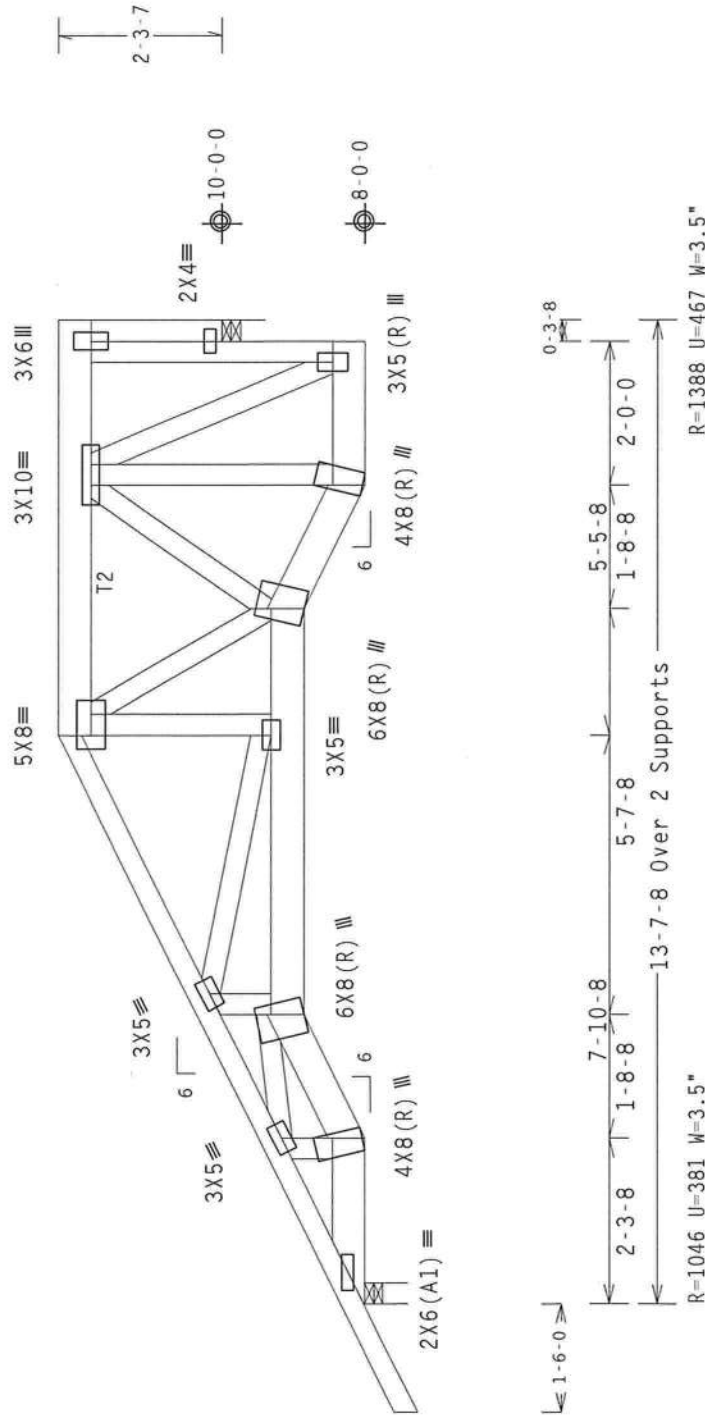
110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

#1 hip supports 7-10-8 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 4-3-7.

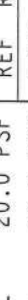


Design Crit: TPI(STD)/FLBC

6.10

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

Scale = .375"/Ft.



ALPINE

Alpine Engineered Products, Inc.
Haines City, FL 33844
FL Certificate of Authorization # SC677NS1/TP1 1 SEC. 2.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO HIB-91 (HANDLING INSTALLING AND BRACING), PUBLISHED BY TPI (TRUSSING INSTITUTE, 593 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719). FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS, BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/16GA (N US/K) ASTM A572 (N, K/HS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSSES AND UNLESS OTHERWISE LOCATED ON DESIGN, POSITION PER DRAWINGS 160K-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER TPI 1 SEC. 2.



TC LL	20.0	PSF	REF	R215	-37469
TC DL	10.0	PSF	DATE	05/14/03	
BC DL	10.0	PSF	DRW	HCUSR215	03134119
BC LL	0.0	PSF	HC-ENG	CR/MMA	
TOT.LD.	40.0	PSF	SEQN-	37070	
DUR.FAC.	1.25		FROM	JP	
SPACING	24.0"		JREF-	1S2Q215	Z10



Alpine Engineered Products, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 5

THIS DRAWING IS THE PROPERTY OF ALPINE ENGINEERING, INC. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF ALPINE ENGINEERING, INC.

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
:Lt Wedge 2x8 SP #1 Dense::Rt Wedge 2x8 SP #1 Dense:
See DWGS A11015EC0901 & GBLLETIN1001 for more requirements.

SPECIAL LOADS
----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 114 PLF at 0.00 to 114 PLF at 7.00
BC - From 20 PLF at 0.00 to 20 PLF at 7.00

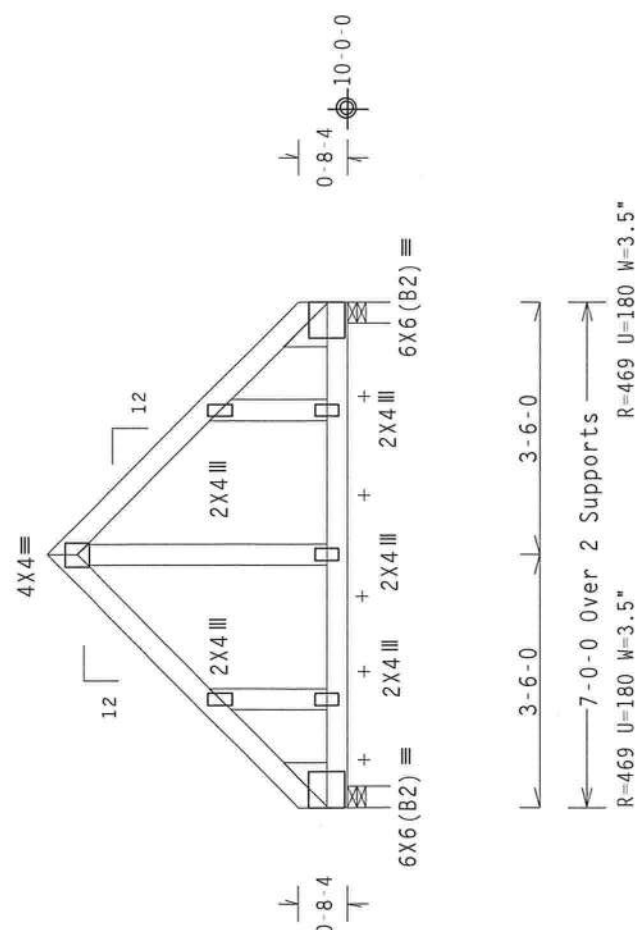
THE BUILDING DESIGNER IS RESPONSIBLE FOR THE DESIGN OF THE ROOF AND CEILING DIAPHRAGMS, GABLE END SHEAR WALLS, AND SUPPORTING SHEAR WALLS. SHEAR WALLS MUST PROVIDE CONTINUOUS LATERAL RESTRAINT TO THE GABLE END. ALL CONNECTIONS TO BE DESIGNED BY THE BUILDING DESIGNER. THIS TRUSS IS DESIGNED TO CARRY IN PLANE LOAD ONLY. ANY LATERAL LOAD FROM WIND MUST BE TRANSFERRED TO THE ROOF AND CEILING DIAPHRAGMS.

110 mph wind, 12.43 ft mean hgt, ASCE 7-98, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Deflection meets L/360 live and L/240 total load.
Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 4-2-3.

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



PLT TYP. Wave TPI 95\R

Design Crit: TPI(STD)/FLBC

6.10

Scale = .375"/Ft.

TC LL	20.0 PSF	REF	R215 -37470
TC DL	10.0 PSF	DATE	05/14/03
BC DL	10.0 PSF	DRW	HCUSR215 03134120
BC LL	0.0 PSF	HC-ENG	CR/MMA
TOT.LD.	40.0 PSF	SEQN-	37006
DUR.FAC.	1.25	FROM	JP
SPACING	24.0"	JREF	1S2Q215_Z10

ALPINE

Alpine Engineered Products, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 56791

MANUEL MARTINEZ

CERTIFICATE

No. 47182

STATE OF FLORIDA

PROFESSIONAL ENGINEER

12102-DKIAN 420000 - 3000 000000 - 0000

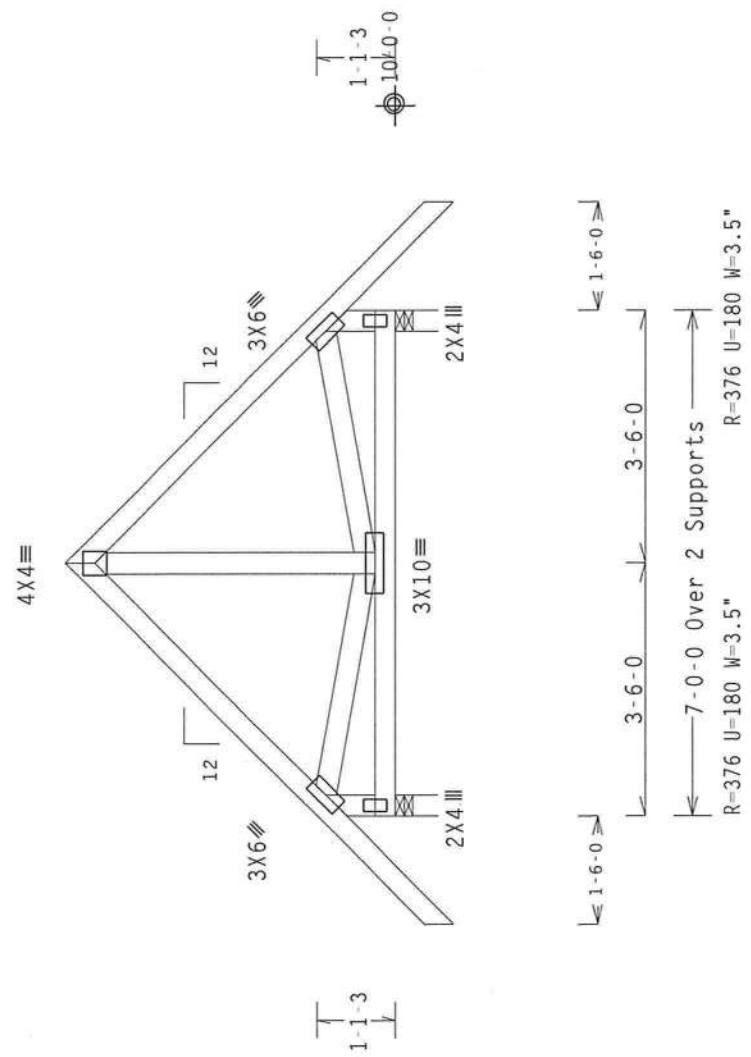
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

110 mph wind, 12.10 ft mean hgt, ASCE 7-98, CLOSED bldg, Located
anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0
psf.

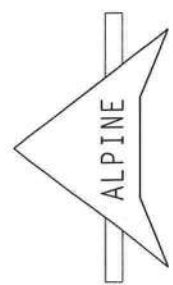
Deflection meets L/360 live and L/240 total load.

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

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



PLT TYP. Wave TPI 95\	Design Crit: TPI(STD)/FLBC	6.10	FL/-/5/-/-/R/-	Scale = .375"/Ft.
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING, BRACING, REFER TO HIB-91 (HANDLING AND BRACING), PUBLISHED BY TPI (TRUSS PRACTICES INSTITUTE, 589 D'ONOFIO DR., SUITE 200, MADISON, WI 53719). FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS, BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.				REF R215 -37471
IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATING FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/16GA (W-NS/K) ASTM (W, K/HS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE IN ACCORDANCE WITH TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER TPI 1-2002 SEC. 2.				DATE 05/14/03
				DRW HCUSR215 03134121
				HC-ENG CR/MMA
				SEQN- 37002
				FROM JP
				JREF- 1S2Q215_Z10



Alpine Engineered Products, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 367951/TPI 1 SEC. 2.

BEARING BLOCK NAIL SPACING DETAIL

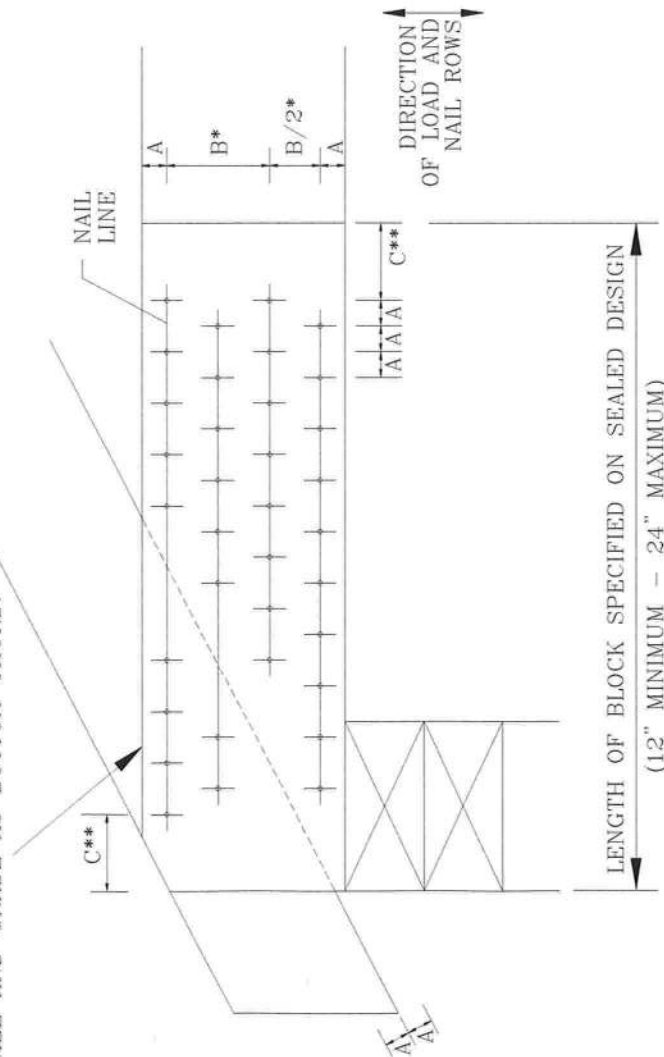
MAXIMUM NUMBER OF NAIL LINES PARALLEL TO GRAIN

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 SPECIES, SIZE AND GRADE AS BOTTOM CHORD.



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 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 CNBRGLK0699

ALPINE
ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO HIB-91 HANDLING, INSTALLING AND BRACING, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 DUNDAS DR., SUITE 200, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS SHALL NOT BE RESPONSIBLE FOR INSTALLATION FROM THE DESIGNER'S OFFICE TO THE BUILDING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2016GALV/45/K/ ASTM A653 GR40/50G/K/45/ 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 IT SHALL BE PER ANEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS. UNLESS OTHERWISE SHOWN, THIS DRAWING IS CONSIDERED AS A CONTRACT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.

MANUEL MARTINEZ
No. 47182
STATE OF FLORIDA
PROFESSIONAL ENGINEER

REF	BEARING BLOCK
DATE	02/18/03
DRWG	CNBRGLK0203
-ENG	SJP/KAR

CLB WEB BRACE SUBSTITUTION

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

NOTES:

THIS DETAIL IS ONLY APPLICABLE FOR CHANGING THE SPECIFIED CLB SHOWN ON SINGLE PLY SEALED DESIGNS TO T-BRACING OR SCAB BRACING.

ALTERNATIVE BRACING SPECIFIED IN CHART BELOW MAY BE CONSERVATIVE. FOR MINIMUM ALTERNATIVE BRACING, RE-RUN DESIGN WITH APPROPRIATE BRACING.

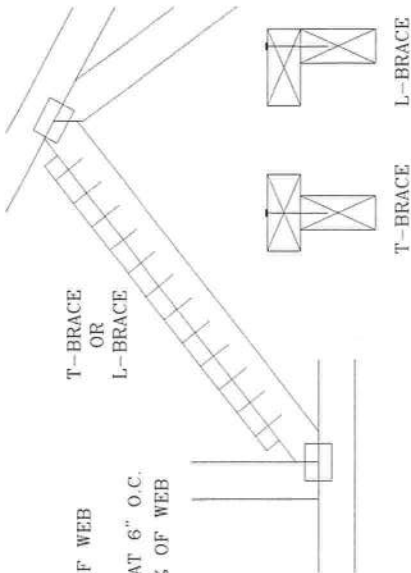
WEB MEMBER SIZE	SPECIFIED CLB BRACING	T OR L-BRACE	ALTERNATIVE BRACING SCAB BRACE
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

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.

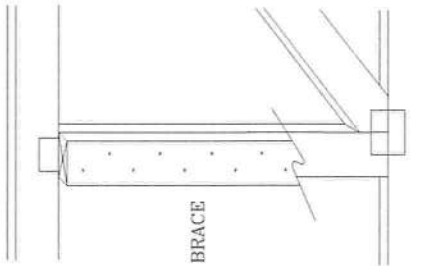
T-BRACING
OR
L-BRACING:

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 16d NAILS AT 6" O.C.
BRACE IS A MINIMUM 80% OF WEB
MEMBER LENGTH



THIS DRAWING REPLACES DRAWING 579,640

 ALPINE ENGINEERED PRODUCTS, INC. POMPAHO BEACH, FLORIDA	TC	LL	PSF	REF	CLB	SUBST.
	DL	PSF	DATE	02/18/03		
	LL	PSF	DRWG	BRCLBSUB0203		
	LL	PSF	-ENG	MLH/KAR		
	LL	PSF				
MANUEL MARTINEZ No. 47182 STATE OF FLORIDA PROFESSIONAL ENGINEER						

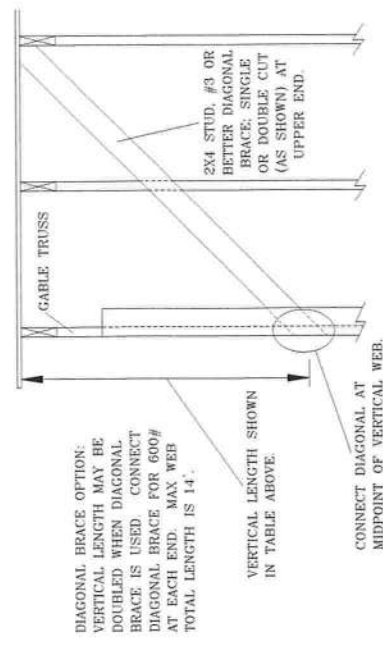
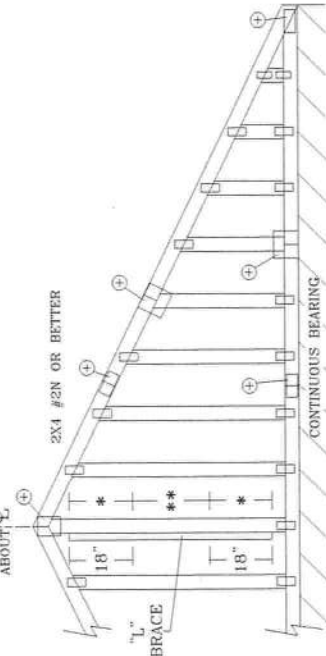
MAX GABLE VERTICAL LENGTH													
2x4 GABLE VERTICAL SPACING	BRACE GRADE	NO BRACES	(1) 1x4 "L" BRACE •		(1) 2x4 "L" BRACE •		(2) 2x4 "L" BRACE ••		(1) 2x6 "L" BRACE •		(2) 2x6 "L" BRACE ••		
			GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	
12" O.C.	SPF	#1 / #2	3' 10"	6' 8"	6' 10"	7' 11"	8' 1"	9' 5"	9' 8"	12' 5"	12' 9"	14' 0"	14' 0"
	HF	#3	3' 9"	6' 0"	6' 0"	7' 11"	7' 11"	9' 5"	9' 5"	12' 4"	12' 4"	14' 0"	14' 0"
		STUD	3' 9"	6' 0"	6' 0"	7' 11"	7' 11"	9' 5"	9' 5"	12' 3"	12' 3"	14' 0"	14' 0"
		STANDARD	3' 9"	5' 2"	5' 2"	6' 9"	6' 9"	9' 1"	9' 1"	10' 7"	10' 7"	14' 0"	14' 0"
24" O.C.	SP	#1	4' 3"	6' 8"	7' 2"	7' 11"	8' 6"	9' 5"	10' 2"	12' 5"	13' 5"	14' 0"	14' 0"
	DFL	#2	4' 2"	6' 8"	7' 2"	7' 11"	8' 6"	9' 5"	10' 2"	12' 5"	13' 5"	14' 0"	14' 0"
		#3	4' 0"	6' 2"	6' 2"	7' 11"	8' 1"	9' 5"	9' 11"	12' 5"	12' 8"	14' 0"	14' 0"
		STUD	4' 0"	6' 1"	6' 1"	7' 11"	8' 0"	9' 5"	9' 11"	12' 5"	12' 6"	14' 0"	14' 0"
16" O.C.	SPF	#1 / #2	3' 10"	5' 3"	5' 3"	6' 11"	6' 11"	9' 4"	9' 4"	10' 10"	10' 10"	14' 0"	14' 0"
	HF	#3	4' 4"	7' 4"	7' 4"	9' 1"	9' 1"	10' 10"	10' 10"	14' 0"	14' 0"	14' 0"	14' 0"
		STUD	4' 4"	7' 4"	7' 4"	9' 1"	9' 1"	10' 10"	10' 10"	14' 0"	14' 0"	14' 0"	14' 0"
		STANDARD	4' 4"	6' 4"	6' 4"	8' 4"	8' 4"	10' 10"	10' 10"	12' 11"	12' 11"	14' 0"	14' 0"
12" O.C.	SP	#1	4' 10"	7' 8"	8' 3"	9' 1"	9' 9"	10' 10"	11' 8"	14' 0"	14' 0"	14' 0"	14' 0"
	DFL	#2	4' 9"	7' 8"	8' 3"	9' 1"	9' 9"	10' 10"	11' 8"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	4' 6"	7' 7"	7' 7"	9' 1"	9' 6"	10' 10"	11' 4"	14' 0"	14' 0"	14' 0"	14' 0"
		STUD	4' 6"	7' 6"	7' 6"	9' 1"	9' 6"	10' 10"	11' 4"	14' 0"	14' 0"	14' 0"	14' 0"
12" O.C.	SPF	#1 / #2	4' 5"	6' 5"	6' 5"	8' 6"	8' 6"	10' 10"	11' 1"	13' 3"	13' 3"	14' 0"	14' 0"
	HF	#3	4' 11"	8' 5"	8' 8"	10' 0"	10' 3"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"
		STUD	4' 9"	8' 5"	8' 5"	10' 0"	10' 0"	11' 11"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"
		STANDARD	4' 9"	8' 5"	8' 5"	9' 7"	9' 7"	11' 11"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"
12" O.C.	SP	#1	5' 4"	8' 5"	9' 1"	10' 0"	10' 9"	11' 11"	12' 10"	14' 0"	14' 0"	14' 0"	14' 0"
	DFL	#2	5' 3"	8' 5"	9' 1"	10' 0"	10' 9"	11' 11"	12' 10"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	5' 0"	8' 5"	8' 5"	10' 0"	10' 6"	11' 11"	12' 6"	14' 0"	14' 0"	14' 0"	14' 0"
		STUD	5' 0"	8' 5"	8' 7"	10' 0"	10' 6"	11' 11"	12' 6"	14' 0"	14' 0"	14' 0"	14' 0"

GABLE TRUSS DETAIL NOTES:

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

GABLE VERTICAL PLATE SIZES	
VERTICAL LENGTH	NO. SPLICE
LESS THAN 4' 0"	1X4 OR 2X3
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2X4
GREATER THAN 11' 6"	2 5X4

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



MEMBER TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO HEP-91, HANDLING, INSTALLING AND BRACING, PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 583 DORFRIED DR., SUITE 200, MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.
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REF	ASCE7-98-GABI015
DATE	02/18/03
DRWG	A11015EC0203
-ENG	

LD, 60 PSF

TO LD, 24.0"

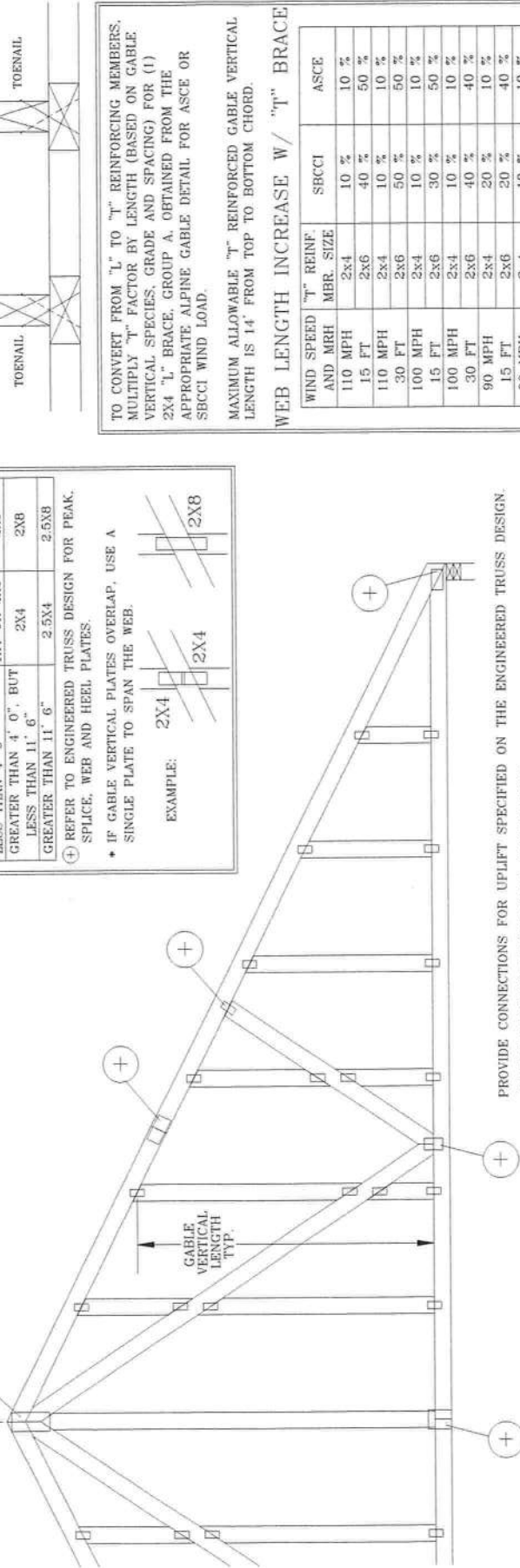
MANUEL MARTINEZ
No. 47182
STATE OF FLORIDA
PROFESSIONAL ENGINEER

ALPINE

ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

GABLE DETAIL FOR LET-IN VERTICALS

SYM. ABOUT C



GABLE VERTICAL PLATE SIZES		
VERTICAL LENGTH BETWEEN CHORDS	PLATE SIZE	IF PLATES OVERLAP*
LESS THAN 4' 0"	1X4 OR 2X3	2X8
GREATER THAN 4' 0" BUT LESS THAN 11' 6"	2X4	2X8
GREATER THAN 11' 6"	25X4	25X8

(+) REFER TO ENGINEERED TRUSS DESIGN FOR PEAK, SPICE, WEB AND HEEL PLATES.
 * IF GABLE VERTICAL PLATES OVERLAP, USE A SINGLE PLATE TO SPAN THE WEB.

EXAMPLE: 2X4 2X4 2X8

PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.

ATTACH EACH "T" REINFORCING MEMBER WITH HAND DRIVEN TOENAILS:

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

GUN DRIVEN NAILS - 0.131" X 3"

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.

ASCE 7-93 GABLE DETAIL DRAWINGS

A11015EN0699, A10015EN0699, A09015EN0699, A08015EN0699, A07015EN0699
A11030EN0699, A10030EN0699, A09030EN0699, A08030EN0699, A07030EN0699

ASCE 7-98 GABLE DETAIL DRAWINGS

A13015EC0901, A12015EC0901, A11015EC0901, A10015EC0901, A08515EC0901
A13030EC0901, A12030EC0901, A11030EC0901, A10030EC0901, A08530EC0901

SBCCI GABLE DETAIL DRAWINGS

S11015EN0699, S10015EN0699, S09015EN0699, S08015EN0699, S07015EN0699
S11030EN0699, S10030EN0699, S09030EN0699, S08030EN0699, S07030EN0699

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

RIGID SHEATHING

"T" REINFORCING MEMBER

GABLE TRUSS

TOENAILS SPACED AT 4" O.C.

CEILING

2X6 "T" REINFORCING MEMBER

2X4 "T" REINFORCING MEMBER

TOENAIL

TOENAIL

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 ERECTING. REFER TO AISC-91 (HANDLING, INSTALLING AND BRACING), PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 583 DINDORF DR., SUITE 200, MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.
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ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

MANUEL MARTINEZ
No. 47182
STATE OF FLORIDA
PROFESSIONAL ENGINEER

MAX. TYP. LD. 60 PSF
DEP. FAC. ANY
SPACING 24.0"

REF	LET-IN VERT
DATE	02/18/03
DRWG	GBLETTIN0203
-ENG	DLJ/KAR