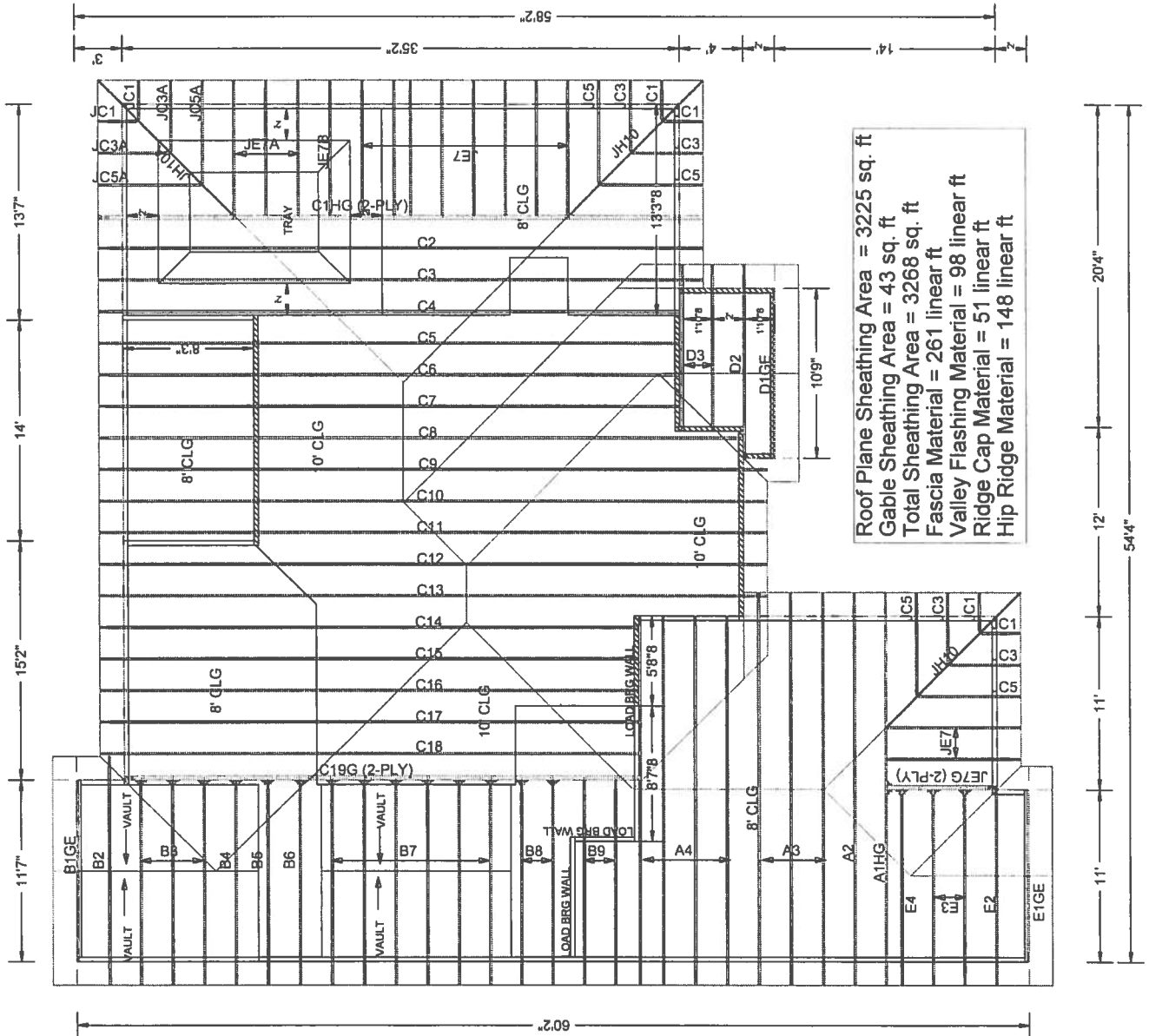


JOB NO:
3219

PAGE NO:
1 OF 1

NOTES:

ALL VALLEYS TO BE CONV. FRAMED EXCEPT TRUSSES C4, C5, AND C6



Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844

Florida Engineering Certificate of Authorization Number: 567

Florida Certificate of Product Approval # FL1999

Page 1 of 1 Document ID: 1SUW215-Z0121082921

Truss Fabricator: W.B. Howland

Job Identification: 3219-/Wise Estates Lot 21 /Concept Construction of N -- LAKE CITY, FL

Truss Count: 50

Model Code: Florida Building Code 2004

Truss Criteria: ANSI/TPI-2002(STD)/FBC

Engineering Software: Alpine Software, Version 7.24.

Structural Engineer of Record:

Address:

Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration

Floor - N/A

Wind - 110 MPH ASCE 7-02 -Closed

Notes:

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

Seal Date: 02/21/2006

-Truss Design Engineer-

James F. Collins Jr.

Florida License Number: 52212

1950 Marley Drive

Haines City, FL 33844

Details: CNBRGBLK-A11015EE-GBLLETIN-BRCLBSUB-

#	Ref	Description	Drawing#	Date
1	73044--A1HG		06052006	02/21/06
2	73045--A2		06051040	02/20/06
3	73046--A3		06051041	02/20/06
4	73047--A4		06051004	02/20/06
5	73048--B1GE		06051028	02/20/06
6	73049--B2		06051031	02/20/06
7	73050--B3		06051030	02/20/06
8	73051--B4		06051033	02/20/06
9	73052--B5		06051034	02/20/06
10	73053--B6		06051035	02/20/06
11	73054--B7		06051036	02/20/06
12	73055--B8		06051039	02/20/06
13	73056--B9		06051037	02/20/06
14	73057--C1HG (2-PLY)		06051005	02/20/06
15	73058--C2		06051006	02/20/06
16	73059--C3		06051007	02/20/06
17	73060--C4		06051008	02/20/06
18	73061--C5		06051009	02/20/06
19	73062--C6		06051010	02/20/06
20	73063--C7		06051011	02/20/06
21	73064--C8		06051013	02/20/06
22	73065--C9		06051038	02/20/06
23	73066--C10		06051027	02/20/06
24	73067--C11		06051029	02/20/06
25	73068--C12		06051014	02/20/06
26	73069--C13		06051015	02/20/06
27	73070--C14		06051017	02/20/06
28	73071--C15		06051018	02/20/06
29	73072--C16		06051019	02/20/06
30	73073--C17		06051020	02/20/06
31	73074--C18		06051021	02/20/06
32	73075--C19G (2-PLY)		06051022	02/20/06
33	73076--D1GE		06051001	02/20/06
34	73077--D2		06051012	02/20/06
35	73078--D3		06051032	02/20/06
36	73079--E1GE		06052001	02/21/06

#	Ref	Description	Drawing#	Date
37	73080--E2		06052002	02/21/06
38	73081--E3		06052003	02/21/06
39	73082--E4		06052004	02/21/06
40	73083--JC1		06051002	02/20/06
41	73084--JC3		06051044	02/20/06
42	73085--JC3A		06051025	02/20/06
43	73086--JC5		06051043	02/20/06
44	73087--JC5A		06051024	02/20/06
45	73088--JE7		06051003	02/20/06
46	73089--JE7A		06051026	02/20/06
47	73090--JE7B		06051023	02/20/06
48	73091--JE7G (2-PLY)		06052005	02/21/06
49	73092--JH10		06051042	02/20/06
50	73093--JH10A		06051016	02/20/06



Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Page 1 of 1 Document ID: ISUW215-Z0121082921

Truss Fabricator: W.B. Howland
Job Identification: 3219-/Wise Estates Lot 21 /Concept Construction of N -- LAKE CITY, FL
Truss Count: 11
Model Code: Florida Building Code 2004
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Version 7.24.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-02 -Closed

Notes:

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

Seal Date: 02/21/2006

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

Revised Trusses

#	Ref	Description	Drawing#	Date
1	73045--A2		06051040	02/20/06
2	73048--B1GE		06051028	02/20/06
3	73050--B3		06051030	02/20/06
4	73051--B4		06051033	02/20/06
5	73052--B5		06051034	02/20/06
6	73059--C3		06051007	02/20/06
7	73066--C10		06051027	02/20/06
8	73074--C18		06051021	02/20/06
9	73075--C19G (2-PLY)		06051022	02/20/06
10	73078--D3		06051032	02/20/06
11	73089--JE7A		06051026	02/20/06



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

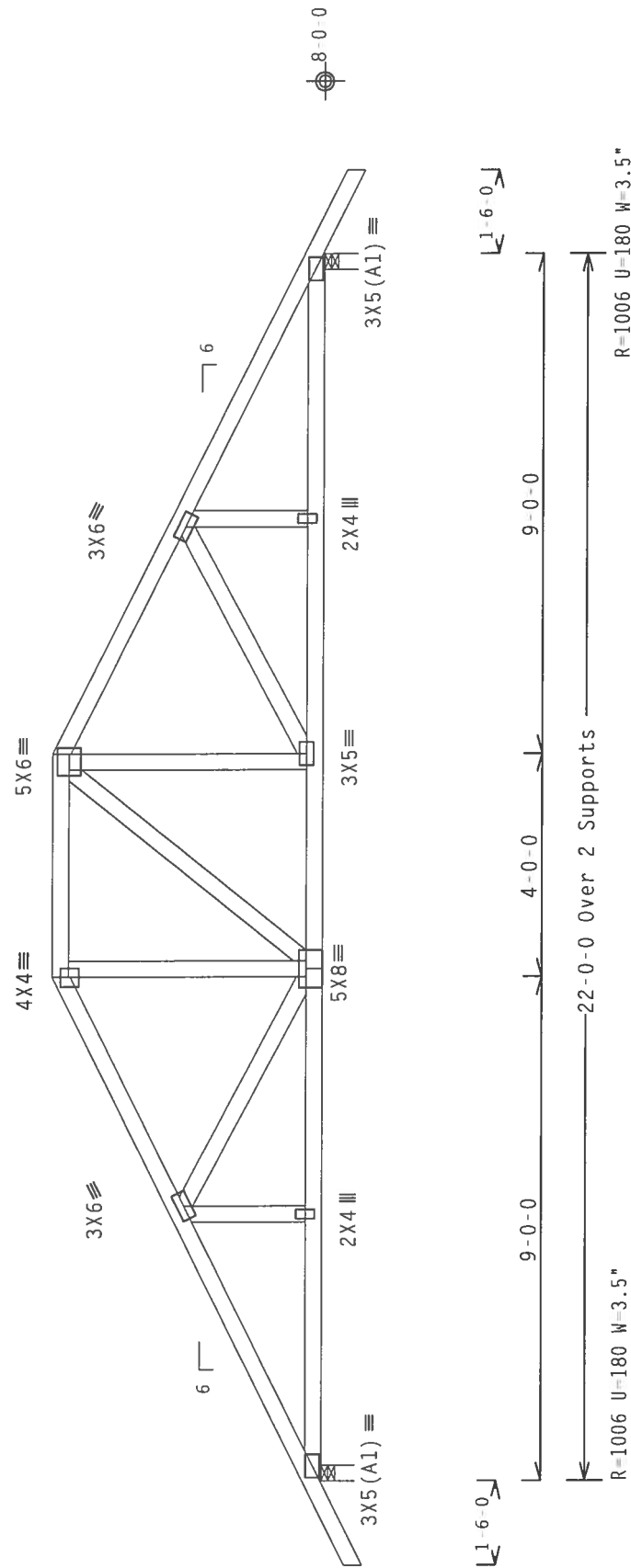
110 mph wind, 15.00 ft mean ht, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

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

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

The overall height of this truss excluding overhang is $4 \cdot 10 \cdot 3$.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave\R

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

QTY: 1

FL/15/1-1/R/-

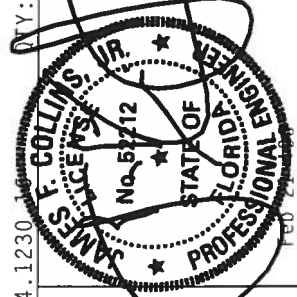
Scale = 3125"/Ft.

[illegible]

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS CORRECTLY WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. INSTALLING A BRACING OF TRUSSES DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC.) AND TYPE III CONNECTOR PLATES ARE MADE OF 20/10/16GA. (H/25/P) ASTM A653 GRADE 40/60 (H/V/S) GALV. STEEL PLATES TO EACH FACE OF TRUSS AND, THEREFORE LOCATED ON THIS POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF IP11 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEX IP11 1 SEC. 2.



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Haines City, FL 33844
FL Certificate of Authorization # 567



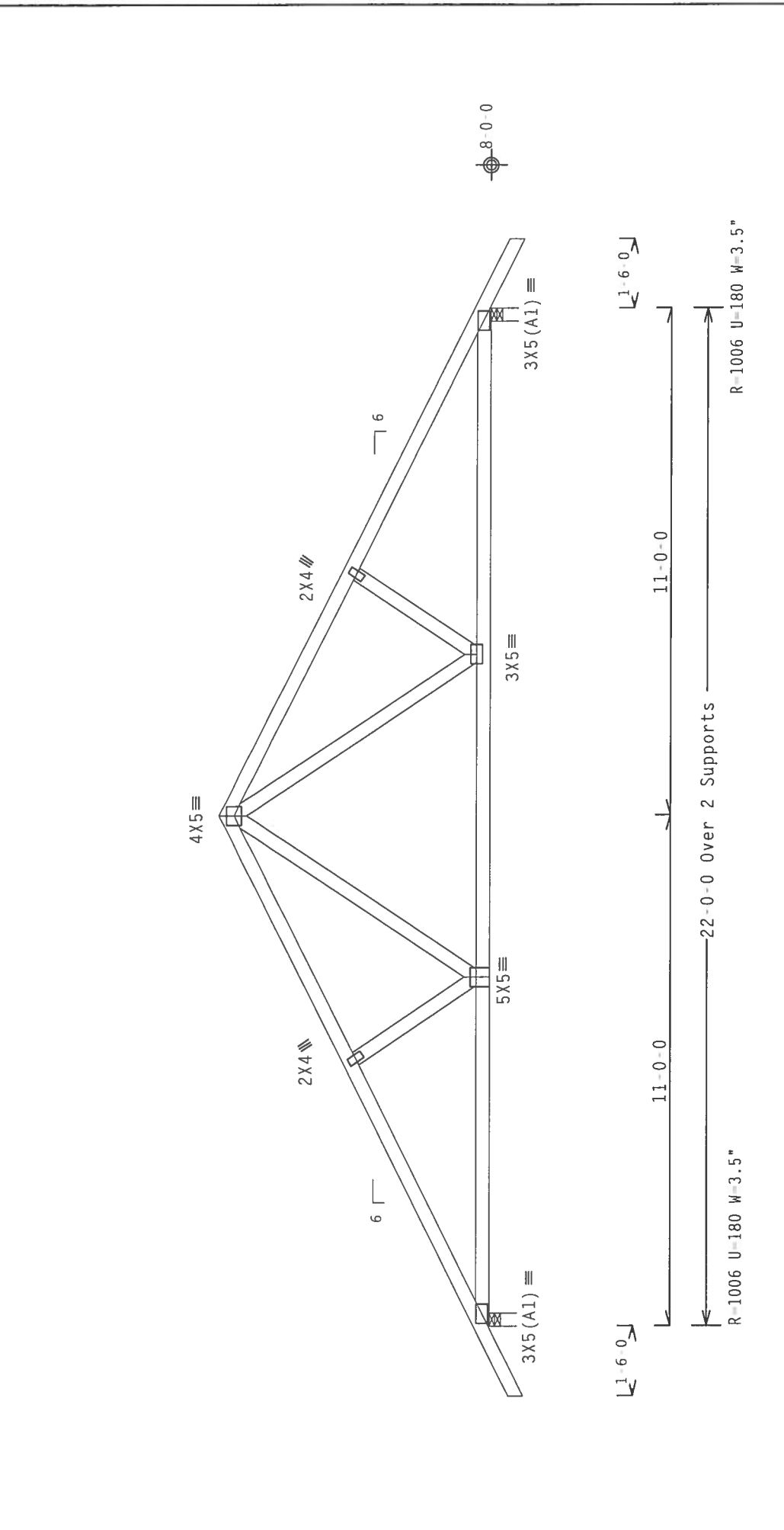
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TC DL	10.0 PSF	DATE 02/20/06
BC DL	10.0 PSF	DRW HCUSR215 06051040
BC LL	0.0 PSF	HC-ENG EC/AP *
TOT.LD.	40.0 PSF	SEQN- 107007 REV
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1SIUW215_Z01

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

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

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

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



PLT TYP. Wave\R

ALPINE

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Haines City, FL 33844
FL Certificate of Authorization # 567

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

Scale = .3125"/Ft.

TC LL	20.0 PSF	REF	R215 -- 73046
TC DL	10.0 PSF	DATE	02/20/06
BC DL	10.0 PSF	DRW	HCUSR215 06051041
BC LL	0.0 PSF	HC-ENG	EC/AP *
TOT.LD.	40.0 PSF	SEQN-	107011
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1SUW215_Z01

QTY: 3

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

Scale = .3125"/Ft.

REF R215 -- 73046

DATE 02/20/06

DRW HCUSR215 06051041

HC-ENG EC/AP *

SEQN- 107011

FROM CDM

JREF- 1SUW215_Z01

ALPINE

ALPINE ENGINEERED PRODUCTS, INC.

FLORIDA

PROFESSIONAL ENGINEER

STATE OF FLORIDA

NO. 82212

JR.

Feb 2006

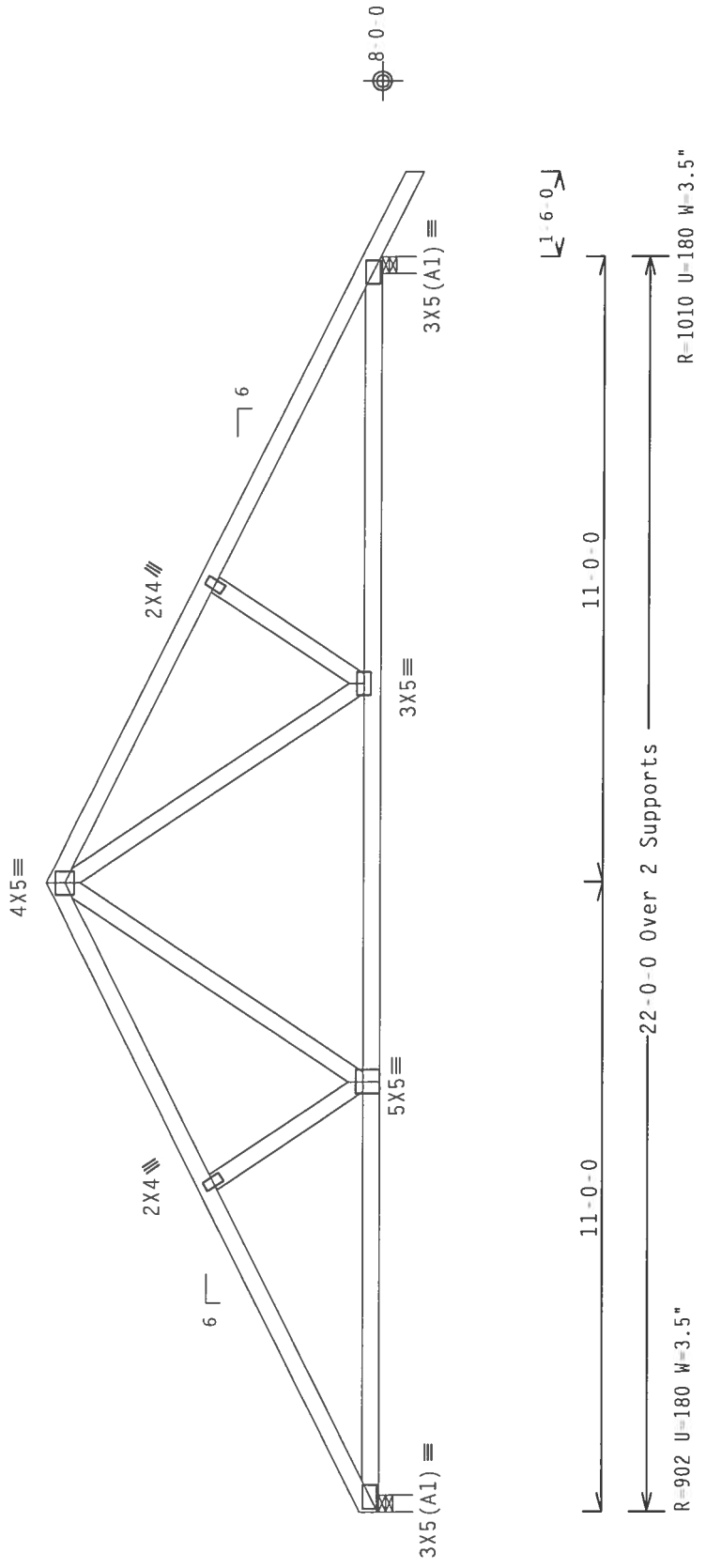
WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI1. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (M-H/S/K) ASTM A653 GRADE 40/60 (M-K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS TGA 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3.1. A SEAL ON THIS DESIGN SHOWS THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

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

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

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



PLT TYP. Wave|R

ALPINE

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1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

Design Crit: TPI-2002(STD)/FBC

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

7.24.1230

QTY: 4

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

Scale = .3125"/ft.

REF	R215--	73047
DATE	02/20/06	
DRW	HCUSR215	06051004
HC-ENG	EC/AP	*
SEQN-	107015	
FROM	CDM	
JREF-	1SUW215_Z01	

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES (BUILDING COMPONENT SAFETY MANUAL FOR TRUSSES, 2002, NATIONAL TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE BLVD., SUITE 200, MADISON, WI 53719) AND AISC (AISC 308 TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE BLVD., SUITE 200, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (4-H/5)K ASTM A653 GRADE 40/60 (40 K/5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE DESIGN. THE DESIGNER'S DESIGN SHALL SHOW THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

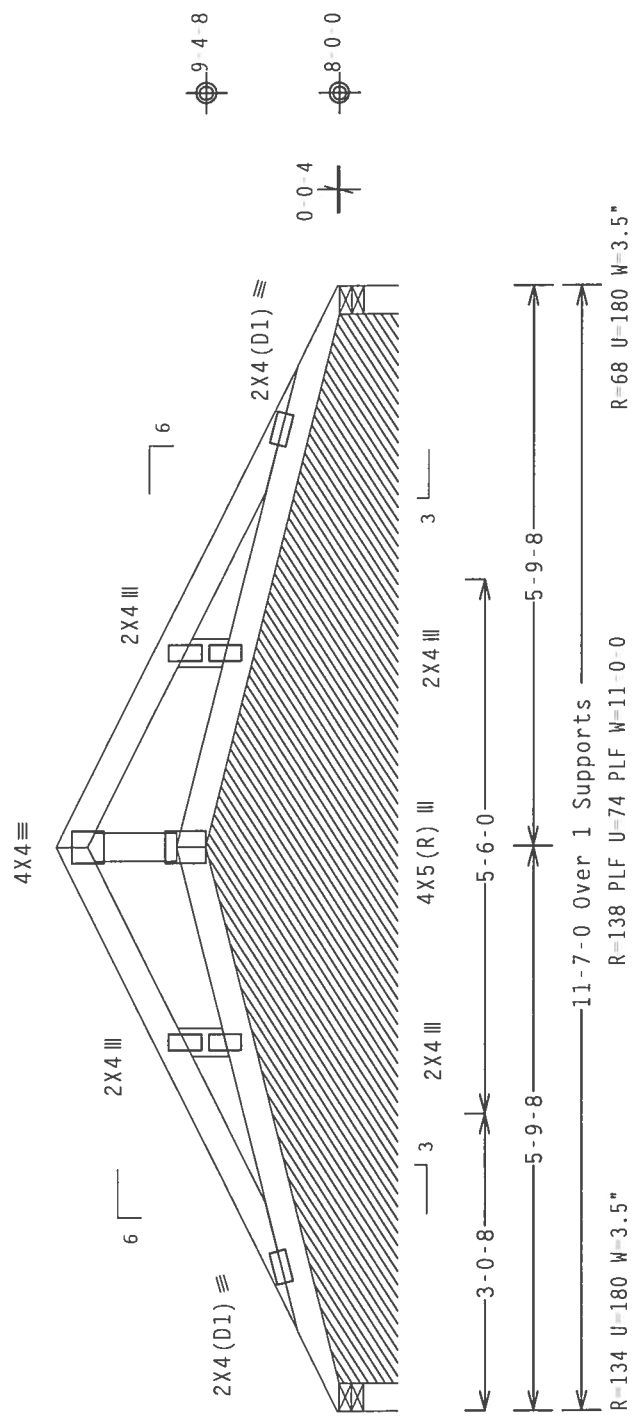
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Gable end supports 8" max rake overhang.
Deflection meets L/360 live and L/240 total load.
Shim all supports to solid bearing.

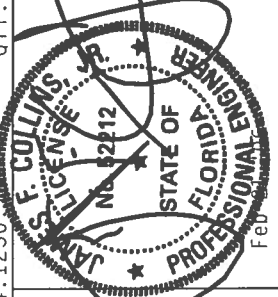
THE BUILDING DESIGNER IS RESPONSIBLE FOR THE DESIGN OF THE ROOF AND CEILING DIAPHRAGMS, GABLE END SHEAR WALLS, AND SUPPORTING SHEAR WALLS. SHEAR WALLS MUST PROVIDE CONTINUOUS LATERAL RESTRAINT TO THE GABLE END. ALL CONNECTIONS TO BE DESIGNED BY THE BUILDING DESIGNER.

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

See DWGS A11015EE0405 & GBLLETIN0405 for more requirements.
Plates sized for a minimum of 3.00 sq.in./piece.
The overall height of this truss excluding overhang is 2-11-0.

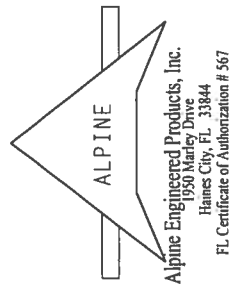


PLT TYP. Wave/R	Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)	7.24.1230.16	QTY:1	FL/-/5/-/R/-	Scale = .5" / Ft.
			TC LL	20.0 PSF	REF R215 - 73048
			TC DL	10.0 PSF	DATE 02/20/06
			BC DL	10.0 PSF	DRW HCUSR215 06051028
			BC LL	0.0 PSF	HC-ENG EC/AP
			TOT.LD.	40.0 PSF	SEQN- 106927 REV
			DUR.FAC.	1.25	FROM CDM
			SPACING	24.0"	JREF- 1SUW215_Z01



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ORFORD DR., SUITE 200, MADISON, WI 53719) AND MCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. CONNECTOR PLATES ARE MADE OF 20/18/16GA (4-H/5/K) ASTM A653 GRADE 40/60 (4. K/H-5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



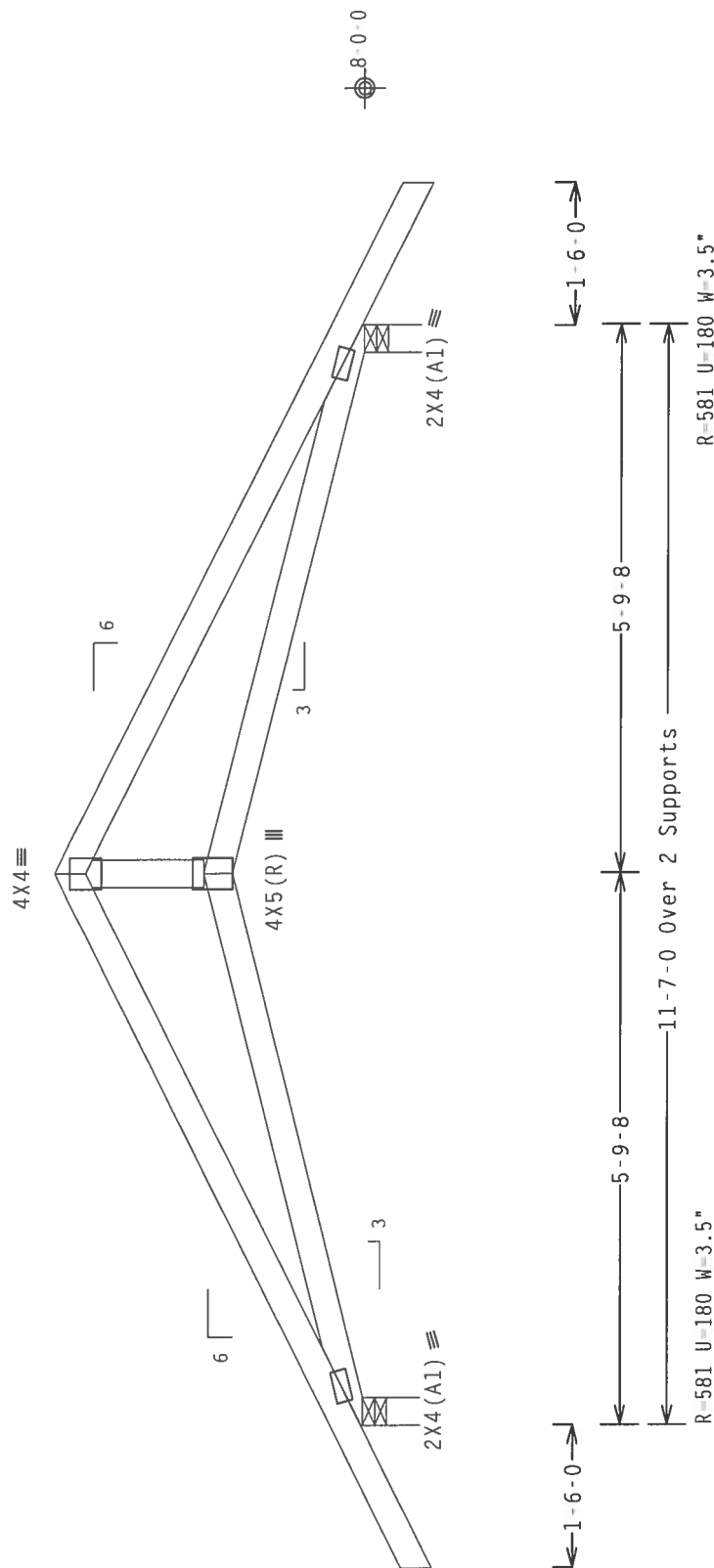
Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

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

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

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

The overall height of this truss excluding overhang is 32.15.

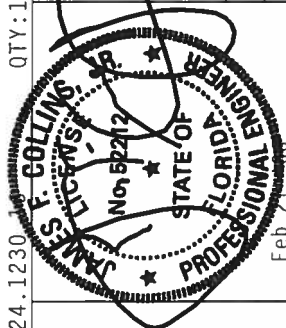


PLT TYP. Wave\R

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

Scale = .5"/Ft.

IC LL	20.0 PSF	REF	R215 - - 73049
TC DL	10.0 PSF	DATE	02/20/06
BC DL	10.0 PSF	DRW	HCUSR215 06051031
BC LL	0.0 PSF	HC-ENG	EC/AP *
TOT.LD.	40.0 PSF	SEQN -	106930
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF -	1SUW215_Z01



ALPINE

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

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

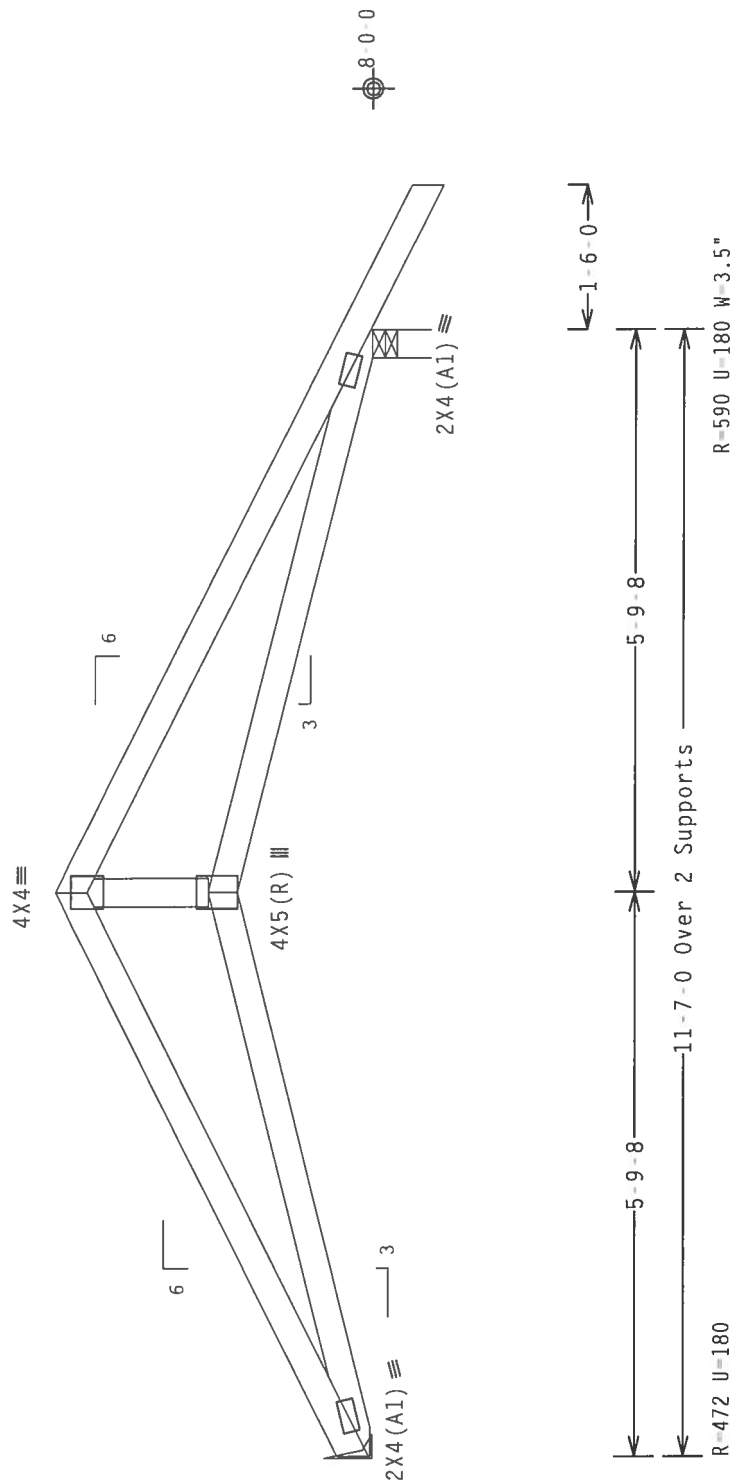
Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

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

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 3-2-15.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave\ R

Scale = 5" / Ft.

QTY:3 FL/-/5/-/-/R/-

230-10

WARNING: THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCS1 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 363 D'ONOFIO DR., SUITE 200, MADISON, WI 53719, AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6000 ENTERPRISE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

REF	R215-- 73050
DATE	02/20/06

*****IMPORTANT***** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERING PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-1 PROVISIONS OF THE NATIONAL DESIGN SPEC. BY AISC AND TPI-1, THE ALPINE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE TRUSS OR TO THE BUILDING. THE CONNECTOR PLATES ARE MADE OF 20/19/15 ALUMINUM. THE NATIONAL DESIGN SPEC. REQUIRES THE TRUSS TO BE PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 1600-2. IF ANY INSPECTION OF PLATES FOLLOWED BY (1). SHALL BE PER ANNEX A OF TPI-1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT BUILDING. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEX A TPI 1 SEC. 2.

DRW HCURSR215 06051030
HC-ENG EC/AP
SSEQN- 106934 REV
FROM CDM
JREF- 1SUW215 Z01



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

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

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

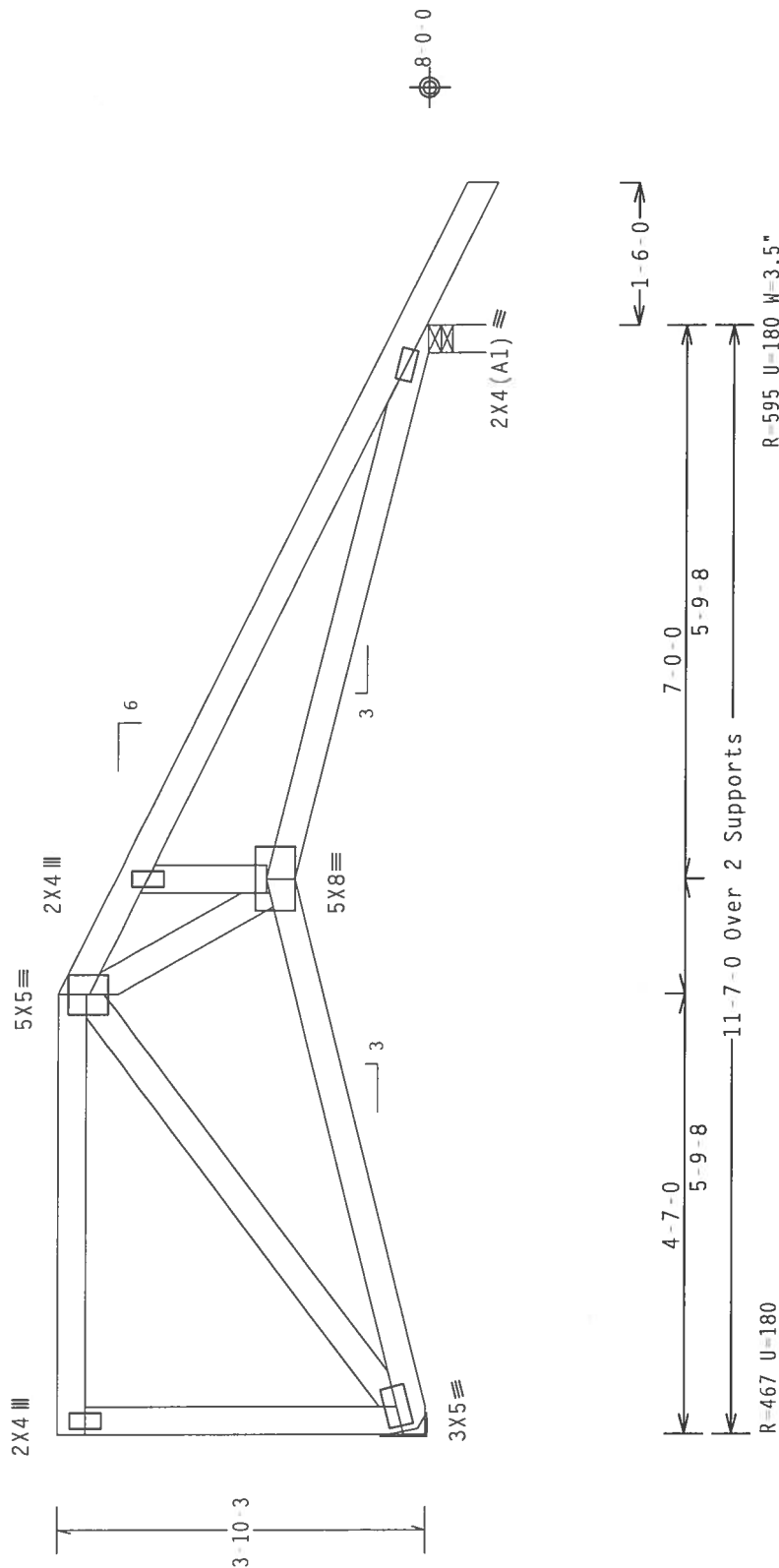
Left end vertical not exposed to wind pressure.

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

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

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

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



Design Crit: TPI-2002(STD)/FBC

 $Cq/RT=1.00(1.25)/10(0) \quad 7.24.1230.15$

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

Scale = .5"/ft.

REF R215-- 73051

DATE 02/20/06

DRW HCUSR215 06051033

HC-ENG EC/AP

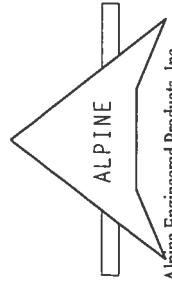
SEQN- 106938 REV

FROM CDM

REF- 1SUW215_Z01

WARNING: THUSSES REQUIRE CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESS 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS PLATE, INSTITUTION 303 D'DOHRIO DR., SUITE 200, MADISON, WI 53719, AND NCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE, MADISON, WI 53719), FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT*****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.
DESIGNER, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN:
ANY FAILURE TO BUILD THE
PROJECTS IN ACCORDANCE WITH THE DRAWING, SPECIFICATIONS, AND/OR INSTALLING A BRACING OF TRUSSES,
CONNECTIONS, OR OTHER DETAILS, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
THESE CONNECTIONS ARE MADE OF 2018/T66GA (W-2X72) ASTM A563 GRADE 40/60 (W- 4 X 5) GALV. STEEL PLATE.
PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAININGS 160A, 2,
AND 3.
AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TP11-2002 SEC.3.
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 ANNOTATION/TP1 1 SEC. 2.



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

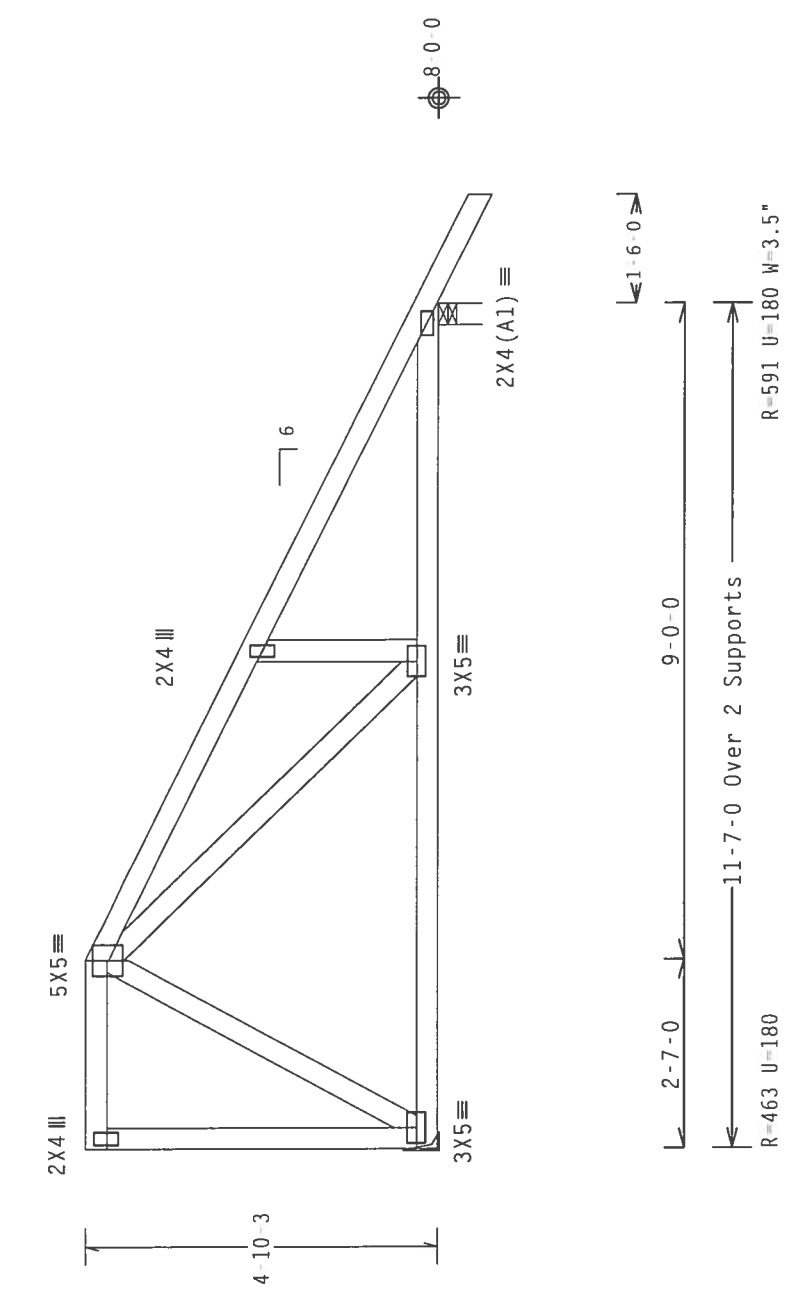
FL Certificate of Authorization # 567

top chord 2x4 SP #2 N
not chord 2x4 SP #2 N
webs 2x4 SP #2 N

left end vertical not exposed to wind pressure.

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

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



PLT TYP. Wave\R  ALPINE Alpine Engineered Products, Inc. 1850 W. Highway 100 Haines City, FL 33844 FL Certificate of Authorization # 567	Design Crit: TPI-2002(STD)/FBC Cg/RT=1.00(1.25)/10(0) 7.24.1230.16 QTY:1 FL/-/5/-/-/R/- Scale = .375"/Ft.	7.24.1230.16 QTY:1 FL/-/5/-/-/R/- Scale = .375"/Ft.	REF R215 - 73052 DATE 02/20/06 DRW HCUSR215 06051034 HC-ENG EC/AP SEQN - 106942 REV FROM CDM JREF - 1SUW215_Z01
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Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

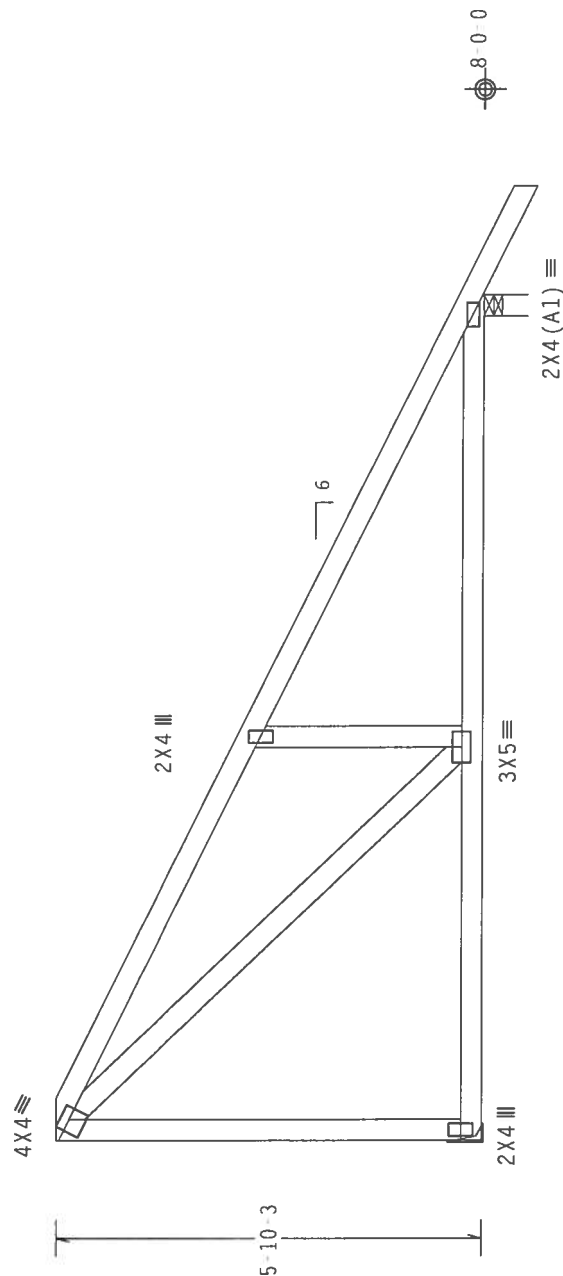
1110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT 11, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Left end vertical not exposed to wind pressure.

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

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

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



11-7-0 Over 2 Supports

R=428 U=180

 $R=590 \quad U=180 \quad W=3.5$

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave\ R

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

$$\text{Scale} = 375''/\text{Ft.}$$

WARNING: TRUSSES REQUIRE CARE IN FABRICATION, INSTALLATION, SHIPPING, INSTALLING AND BRACING. REFER TO BCS1 1.03, BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE CRUSS PLATE INSTITUTE, 383 O'DONOHUE DR., SUITE 500, MADISON, WI 53719, AND VIDEO TAPES AVAILABLE FROM THE AMERICAN CRUSS PLATE INSTITUTE, 6000 E. 15TH AVE., SUITE 500, MADISON, WI 53719, FOR PROPER TRUSS PRACTICES PRIOR TO THESESECTIONS.

MADISON, WI 53719. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED TOP CHORD SHELLS.

REGIO, CINCINNATI.

TC LL	20.0	PSF	REF	R215 -- 73053
TC DL	10.0	PSF	DATE	02/20/06
BC DL	10.0	PSF	DRW	HCUSR215 06051035
BC LL	0.0	PSF	HC-ENG	EC/AP
TOT. LD.	40.0	PSF	SEQN	106946
DUR. FAC.	1.25		FROM	CDM
SPACING	24.0"		JREF-	1SUW215 Z01

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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERING PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AFAPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/1816GA (W/15%ZP) ASTM A563 GRADE 40/60 (W/15%ZP) GALV. STEEL. APPLY AN INSPECTION OF PLATES FOLLOWED BY VISUAL INSPECTION LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENTS DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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

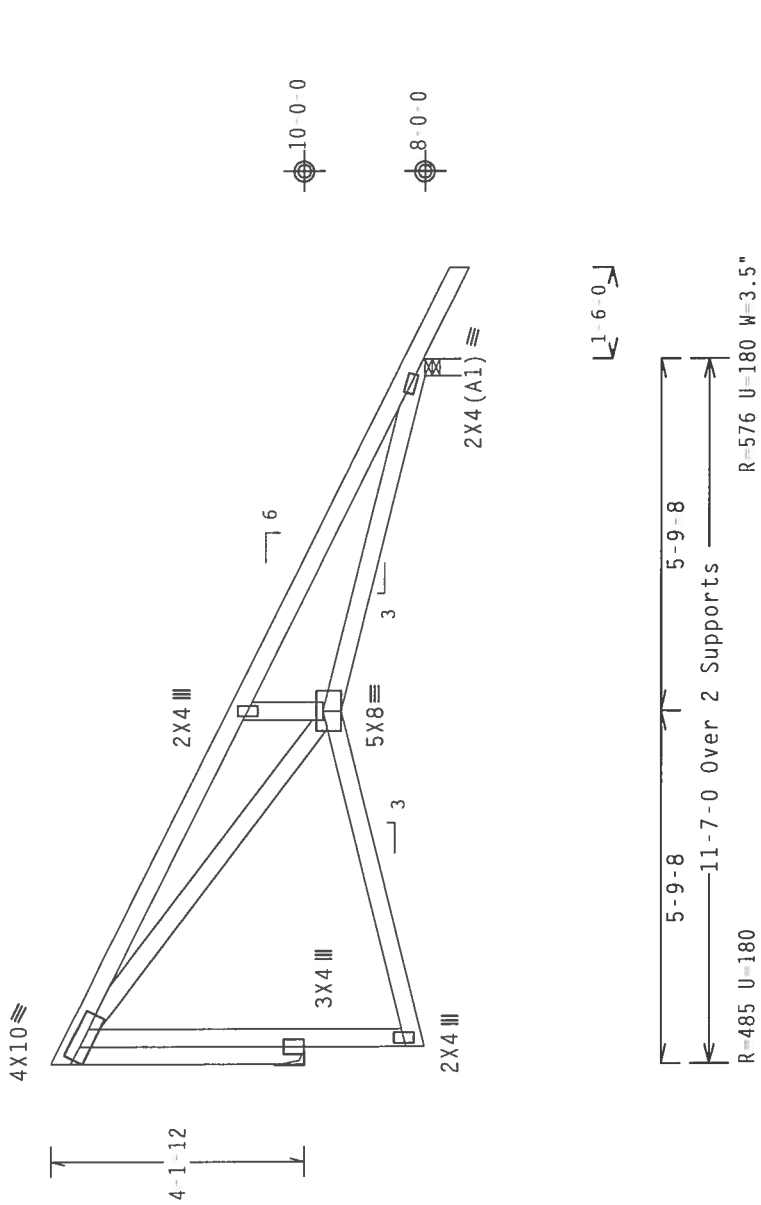
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Left end vertical not exposed to wind pressure.
Plates sized for a minimum of 3.00 sq.in./piece.
The overall height of this truss excluding overhang is 4-1-11.

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

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

Shim all supports to solid bearing.



PLT TYP. Wave/R

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

Scale = .3125"/Ft.

REF	R215 --	73054
DATE	02/20/06	
DRW	HCUSR215	06051036
HC-ENG	EC/AP	
SEQN	106919	
FROM	CDM	
JREF	1SUW215_Z01	

QTY: 6 FL/-/5/-/R/-

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"

James F. Collins, Jr.
Professional Engineer
No. 32712
State of Florida
Feb 21, 2006

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

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BG511-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 583 N. 10TH ST., SUITE 100, TAMPA, FL 33606, FOR MORE INFORMATION. THE USER OF THIS DESIGN SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND BRACING OF THE TRUSS. THE USER SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND BRACING OF THE TRUSS. THE USER SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND BRACING OF THE TRUSS.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/AIA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (4-H/5/8) ASTM A653 GRADE 40/60 (40 KSI) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT BUILDING SHOWN. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

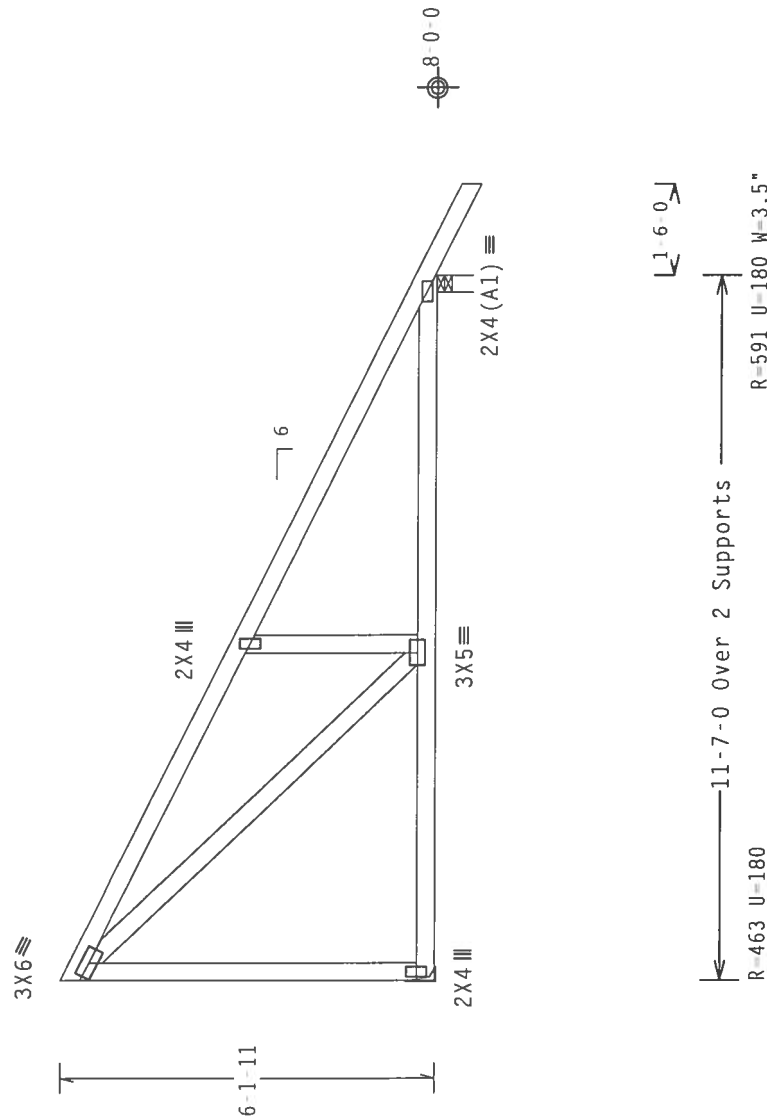
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Left end vertical not exposed to wind pressure.

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

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

The overall height of this truss excluding overhang is 6-1-11.



Design Crit: TPI-2002(STD)/FBC

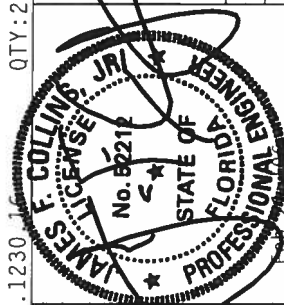
[illegible]

****WARNING**** THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THESE THUSSES ARE NOT TO BE USED FOR ANY PURPOSES OTHER THAN THE INTENDED USE. ALWAYS FOLLOW THE MANUFACTURER'S INSTRUCTIONS. FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN PERSONAL INJURY OR PROPERTY DAMAGE.

FOR SAFETY PREPARATION INFORMATION, PLEASE CONTACT:

TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

*****IMPORTANT***** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. CONNECTOR PLATES ARE MADE TO COMPLY WITH THE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN. POSITION PER VARIOUS 2. IF ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF TPI-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TC LL	20.0	PSF	REF R215-- 73055
TC DL	10.0	PSF	DATE 02/20/06
BC DL	10.0	PSF	DRW HCUSR215 06051039
BC LL	0.0	PSF	HC-ENG EC/AP
TOT.LD.	40.0	PSF	SEQN- 106950
DUR.FAC.	1.25		FROM CDM
SPACING	24.0"		JREF- 1SUW215_Z01

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

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

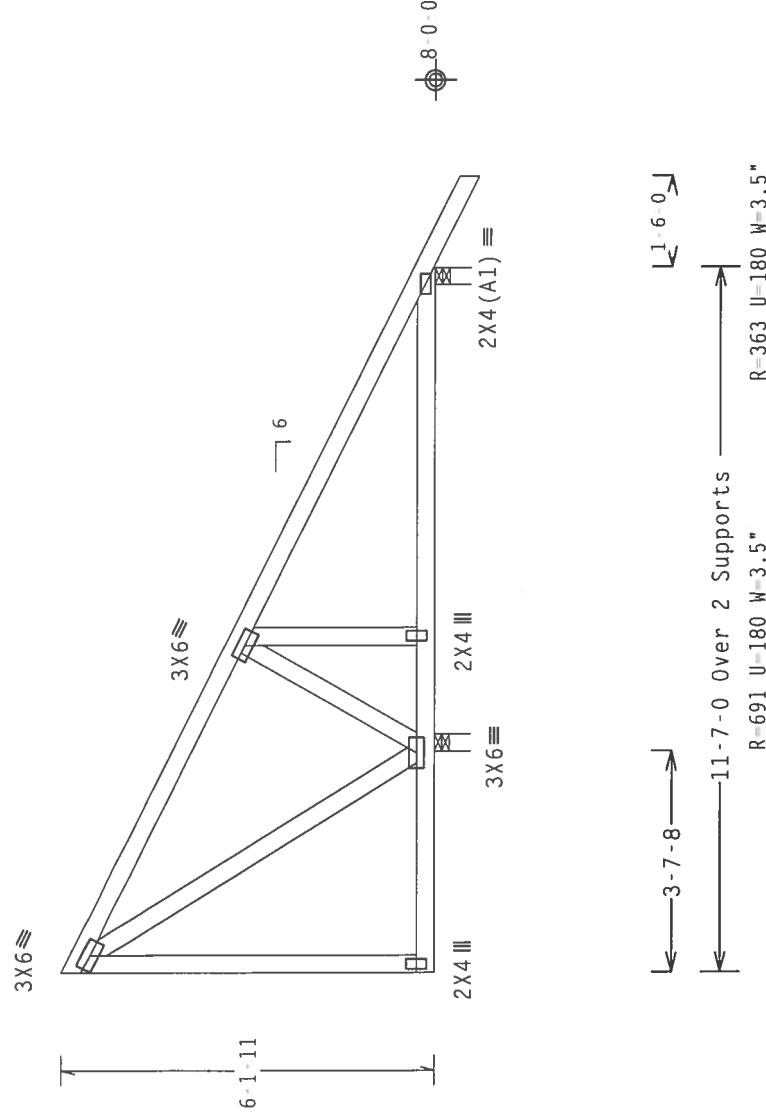
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT 1, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf

Left 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 6'-1-11".



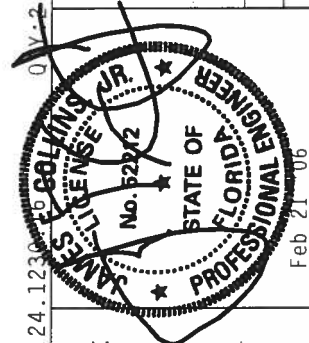
Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave\R

Scale = .3125"/Ft.

****WARNING**** HOSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RES-1103 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE CHICAGO TRADING INSTITUTE, 593 MADISON, WY 83719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED TOP CHORD GULLING.

****IMPORTANT****-FURNISH A COPY OF THE INSTALLATION CONTRACTOR'S PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE DESIGN CONFORMANCE WITH PLATE FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. THE DESIGNER ASSUMES ALL RISK PROVIDED BY THE FOLLOWING SPECIFICATIONS: ALPINE ENGINEERED
CONNECTIONS ARE MADE OF 7018/116GA IN H/S/STPL A572 M553 BENDING 40/10% KIN GAIN STEEL
PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2.
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TP11-2002 SEC.3. A SEAL ON THIS
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT
BEING SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE
BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



Haines City, FL 33844
FL Certificate of Authorization # 567

Feb 21 06

JREF- 1SUW215 Z01

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (10d Box or Gun (0.128"x3", min.) nails)

Top Chord: 1 Row @ 4.00" o.c.

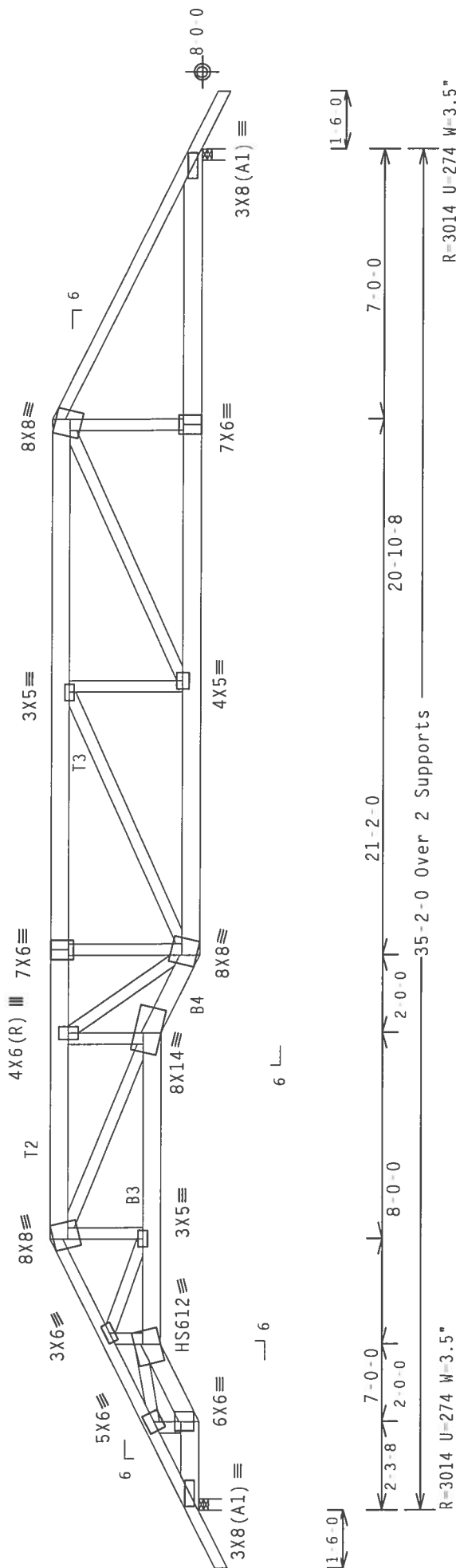
Top Chord: 1 Row @ 4.00" 0.0 c.
Bot Chord: 1 Row @ 12.00" 0.0 c.

Doc chord: 1 Row @ 12.00 O.C.
Webs : 1 Row @ 4" O.C.

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

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

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. 20 Gauge HS, Wave/R

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

Scale = .25"/Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSP 1-03 (OBTAINING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI, CRUISING PLATE INSTITUTE, 583 S. DUNFORD DR., MADISON, WI 53719, AND MICA WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719, FOR SAFETY PRECAUTIONS PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT: FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERS & PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH PLATE OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING TOLERANCES WILL BE AT THE USER'S RISK. PROVIDE ALL NECESSARY LABEL PROVISIONS OF NDS NATIONAL DESIGN SPEC. (FOR AFAPA) AND STEEL EDITIONS WHICH COMPLY WITH ALL APPLICABLE CODES AND REGULATIONS. PROVIDE ALL NECESSARY CONNECTION DETAIL PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. IF ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF TP11-2002-SEC. 3. A SEAL ON THE END OF EACH PLATE IS REQUIRED. DRUMMING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT MANUFACTURED UNDER THE CLOSE PERSONAL SUPERVISION OF THIS CONTRACTOR FOR BUILDING AS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER APPROPRIATE BUILDING CODES (TP11-1 SECS. 2).



Haines City, FL 33844
FL Certificate of Authorization # 567

SPACING SEE ABOVE

JREF- 1SUW215_Z01

(3219-/Wise Estates Lot 21 /Concept Construction of N - LAKE CITY, FL - C2)

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

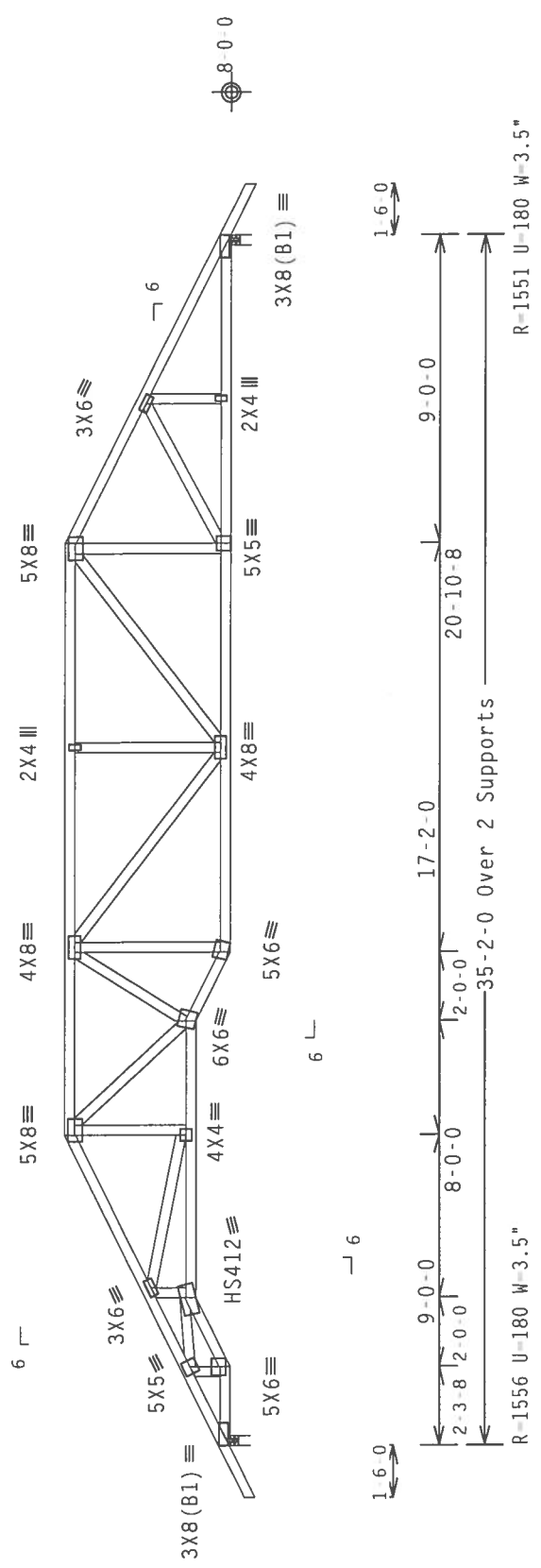
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

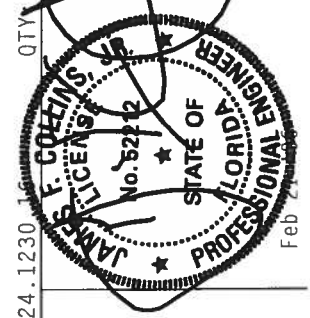
Deflection meets L/360 live and L/240 total load.

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

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



PLT TYP. 20 Gauge HS, Wave \R Design Crit: TPI-2002(STD)/FBC Cg/RT=1.00(1.25)/10(0) 7.24.1230.16 QTY 1 FL - /5/- /-R/-



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

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF IBCS (NATIONAL DESIGN SPEC. BY AISC) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/166A (4-11/5/8) ASTM A653 GRADE 40/60 (N, K/H.S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGNER SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

REF	R215 - -	73058
DATE	02/20/06	
DRW	HCUSR215	06051006
HC-ENG	EC/AP	*
SEQN	107034	
FROM	CDM	
JREF	1SUW215	Z01

Scale = .1875"/Ft.

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

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

Calculated horizontal deflection is 0.25" due to live load and 0.26" due to dead load.

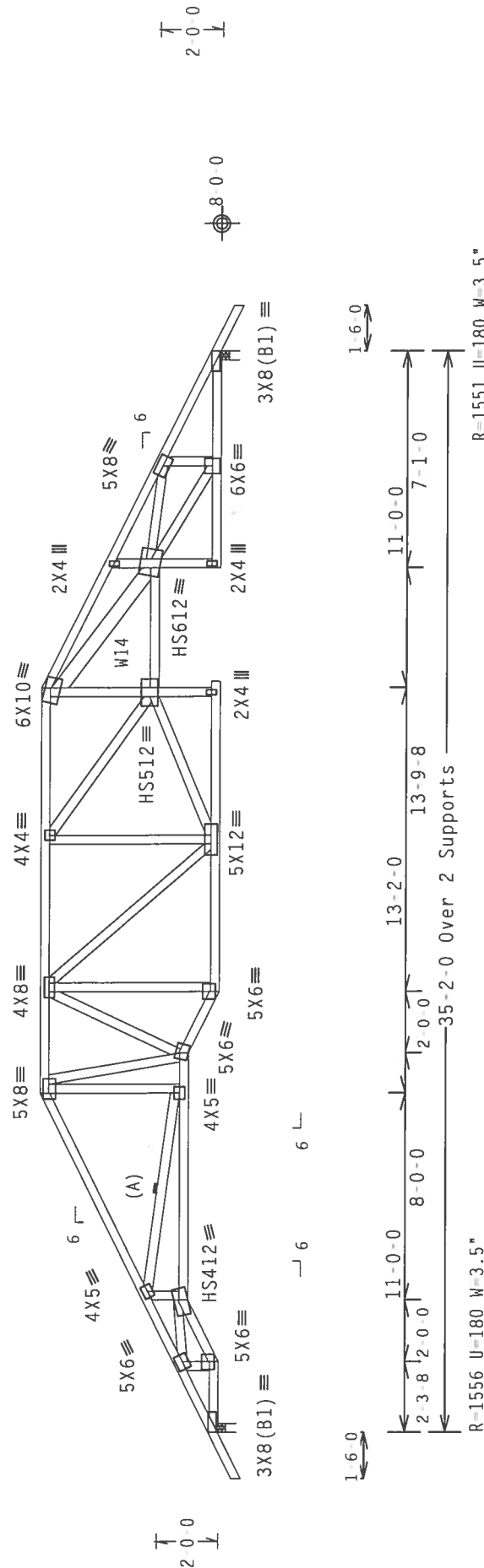
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

(A) Continuous lateral bracing equally spaced on member.

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

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

The overall height of this truss excluding overhang is $5 \cdot 10 \cdot 3$.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. 20 Gauge HS, Wave\ R

$$Cq/RT=1.00(1.25)/10(0)$$
QTY: 1 ~~FL~~ / - / 5 / - / - / R / - /

Scale = .1875"/Ft.

WARNING: THUSSES REQUIRING EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RES-1-03 BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY IPI TRUSS COMPANY, 383 D'AMICO DR., SUITE 200, MADISON, WI 53719, AND WCA (WOOD TRUSS COUNCIL OF AMERICA) PUBLISHED IN IPI, MADISON, WI 53719 FOR TACKLING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED BRACING.

TC LL	20.0	PSF	REF R215-- 73059
TC DL	10.0	PSF	DATE 02/20/06
BC DL	10.0	PSF	DRW HCUSR215 06051007
BC LL	0.0	PSF	HC-ENG EC/AP
TOT.LD.	40.0	PSF	SEQN- 107043 REV
DUR.FAC.	1.25		FROM CDM
SPACING	24.0"		JREF- 1SUW215 Z01

WARNING: TRUSSES REQUIRING EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO REG-1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IPT (TRUSS PLATE INSTITUTE, 593 D'AMORIO DR., SUITE 200, MADISON, WI 53719) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT: FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. PROVIDE AN ALPHE ENGINEERED PROFESSIONAL SEAL ON EACH DRAWING. PROVIDE THE FOLLOWING INFORMATION TO THE INSTALLATION CONTRACTOR: ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN IS THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN IS THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR.

DESIGN IN CONFORMANCE WITH THE FOLLOWING PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY CALLING APTI - ALPHE TRUSS COMPANY) WITH APPLICABLE MODIFICATIONS: ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED. APPLY CONNECTOR PLATES ARE MADE OF 2018/10/GGA (A/H/S/K/A) ASTM A653 GRADE 40/60 (W, K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX 43 OF TPII 2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGNING ARCHITECT PER ANNEX 43 OF TPII 2002 SEC. 2.

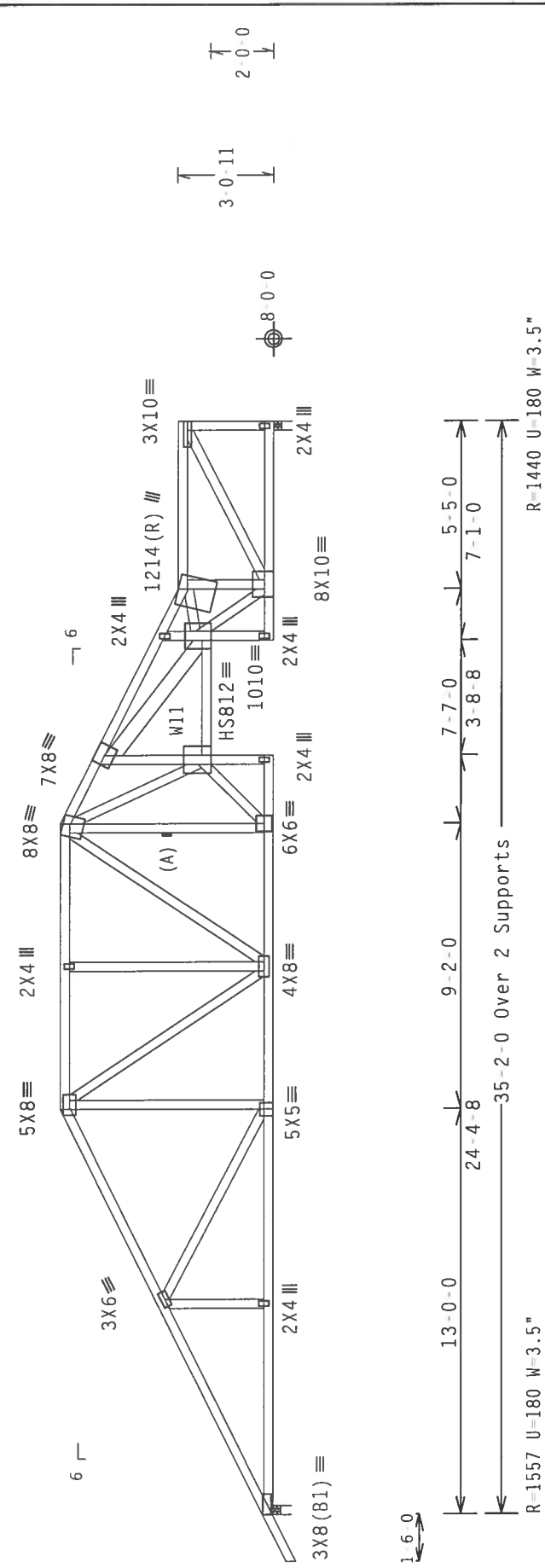


ALPINE
Engineered Products, Inc.
 1950 Nalley Drive
 Haines City, FL 33844
 Fl. Certificate of Authorization # 567

(3219 /Wise Estates Lot 21 /Concept Construction of N - LAKE CITY, FL - C4)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N :W11 2x6 SP #2 N:
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Calculated horizontal deflection is 0.22" due to live load and 0.23" due to dead load.
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.
Plates sized for a minimum of 3.00 sq.in./piece.
Right end vertical not exposed to wind pressure.
(A) Continuous lateral bracing equally spaced on member.
Deflection meets L/360 live and L/240 total load.
The overall height of this truss excluding overhang is 6-10-3.



PLT TYP. 20 Gauge HS, Wave \R

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

Scale = .1875"/Ft.

QTY:1

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 -- 73060
DATE 02/20/06
DRW HCUR215 06051008
HC-ENG EC/AP
SEQN 107048
FROM CDM
JREF- 1SUW215_Z01

Feb 24, 2006

ALPINE ENGINEERED PRODUCTS, INC.

1550 Marley Drive
Haines City, FL 33844

FL Certificate of Authorization # 567

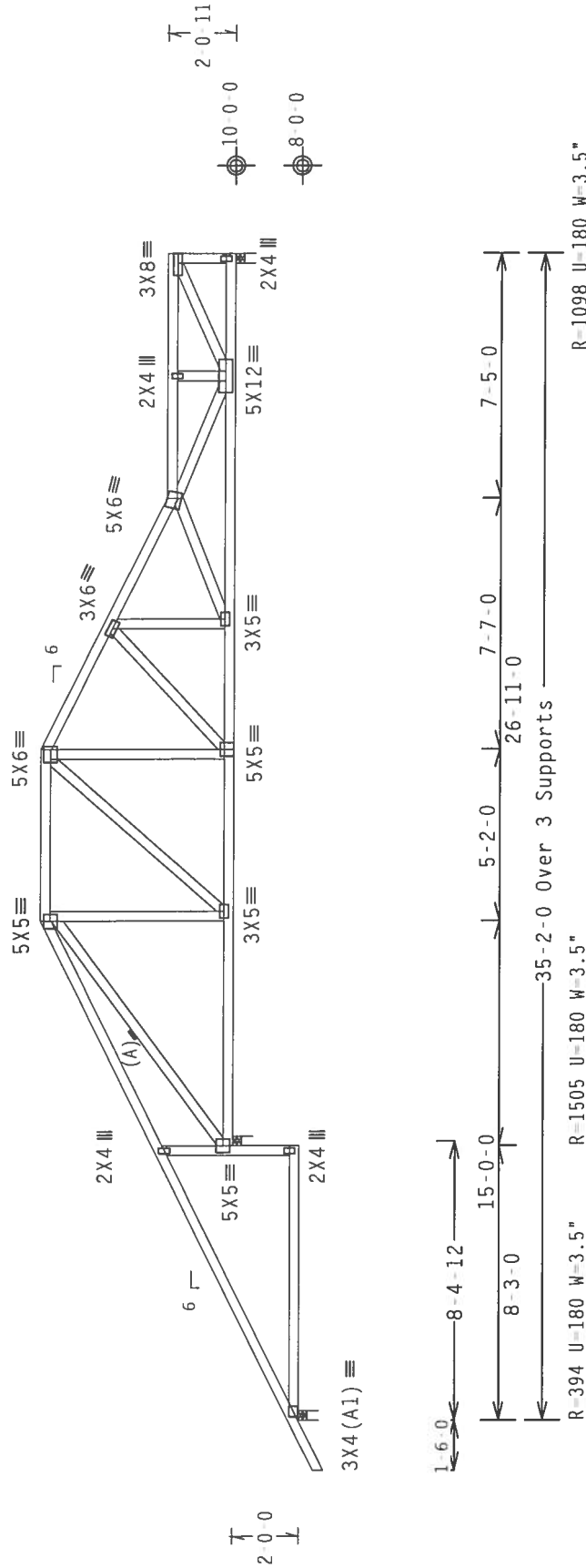
	Top	chord	2x4	SP	#2	N
	Bot	chord	2x4	SP	#2	N
		webs	2x4	SP	#2	N

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT 1, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

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

The overall height of this truss excluding overhang is $7 \cdot 10 \cdot 3$.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave\R

Scale = .1875"/Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. SEE B55 (3) BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY IP1 (CONCRETE INSTITUTE, 583 N. MICHIGAN, CHICAGO, ILL. 60610) FOR SAFETY PRECAUTIONS. SEE B56 (3) BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY IP1 (CONCRETE INSTITUTE, 583 N. MICHIGAN, CHICAGO, ILL. 60610) FOR SAFETY PRECAUTIONS. PRIOR TO THESE CONDITIONS, UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED SLIGHT CHANGING.

*******TYPICAL******* TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERING PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TP1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, OR HIGH CONCENTRATION OF APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND STEEL EDITION 2002 SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMES 43 OF TP11-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF THIS DESIGN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMAINING PORTION OF THE TRUSS COMPONENT BUILDING DESIGNER PER AMES/TP1 1 SEC. 2.

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

TC LL	20.0	PSF	REF	R215--	73061
TC DL	10.0	PSF	DATE	02/20/06	
BC DL	10.0	PSF	DRW	HCUSR215	06051009
BC LL	0.0	PSF	HC-ENG	EC/AP	
TOT.LD.	40.0	PSF	SEQN-	107107	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1SUW215	Z01



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

FL Certificate of Authorization # 567

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

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

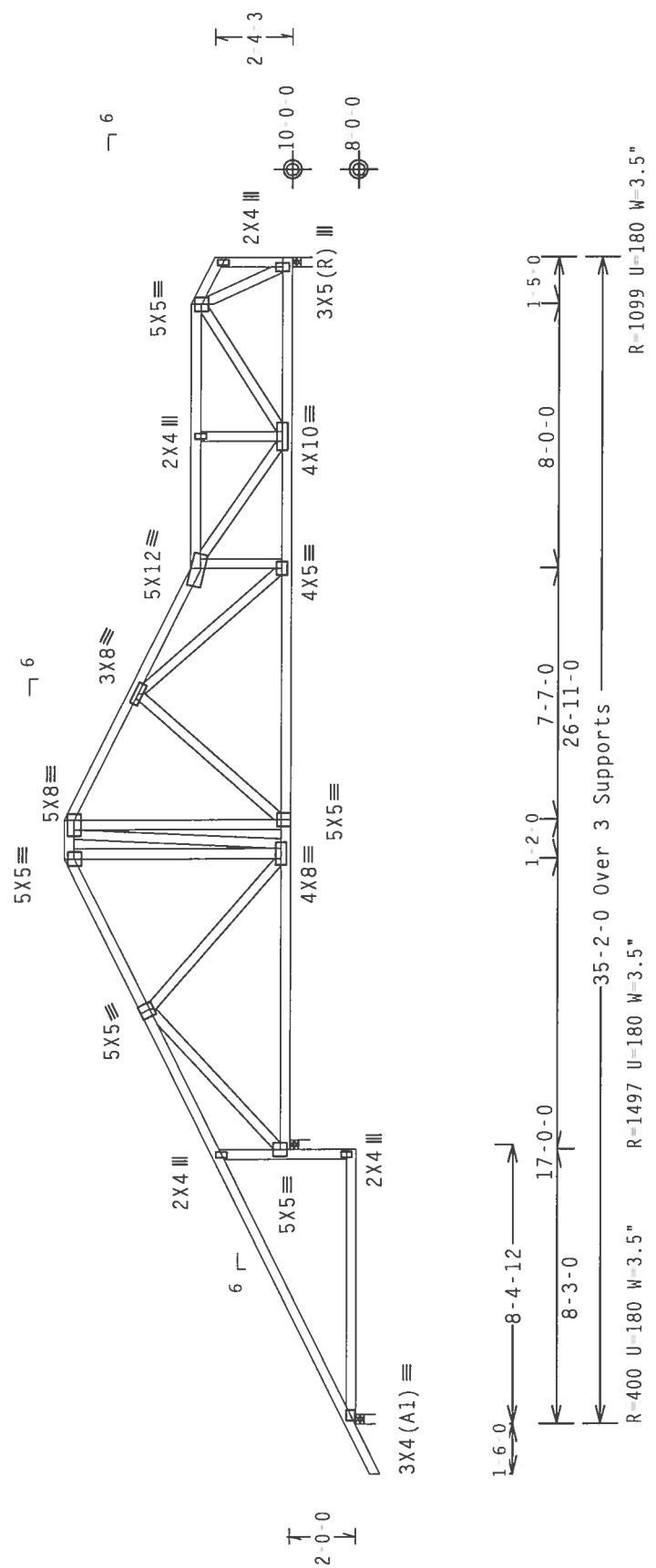
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

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 8'10"-3."

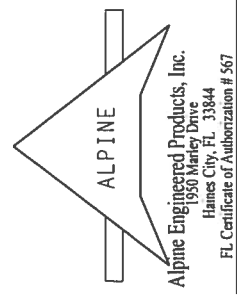


PLT	TYP.	Wave\	R	Design	Crit:	TPI-2002 (STD) /FBC
						Cq/RT=1.00(1.25) /

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

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 103 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IPI (TRUSS PACE INSTITUTE, 583 O'DONNELL DR., SUITE 200, MADISON, WI 53719) AND WTA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LUL, 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 TIGED CEILING.

****IMPORTANT****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS TO CONFORMANCE WITH THE FOLLOWING IS FOR FABRICATING, HANDLING, SHIPPING, INSTALLING OR BRACING OF TRUSSES. THESE TRUSSES ARE TO BE USED FOR THE PROPOSED GABLE ROOF ON THE 40' X 60' ASH A653 GRADE 40/60 (40 K/15) GALV. STEEL APPLIED CONNECTOR PLATES ARE MADE OF 20/10/18/18 (8 W/25%) ASH A653 GRADE 40/60 (40 K/15) GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMLX 4 OF 1/11 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMLX/1/11 SEC. 2.



TC LL	20.0	PSF	REF	R215	73062
TC DL	10.0	PSF	DATE	02/20/06	
BC DL	10.0	PSF	DRW	HCUSR215	06051010
BC LL	0.0	PSF	HC-ENG	EC/AP	
TOT.LD.	40.0	PSF	SEQN-	107101	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1SUW215	Z01

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

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

(A) Continuous lateral bracing equally spaced on member.

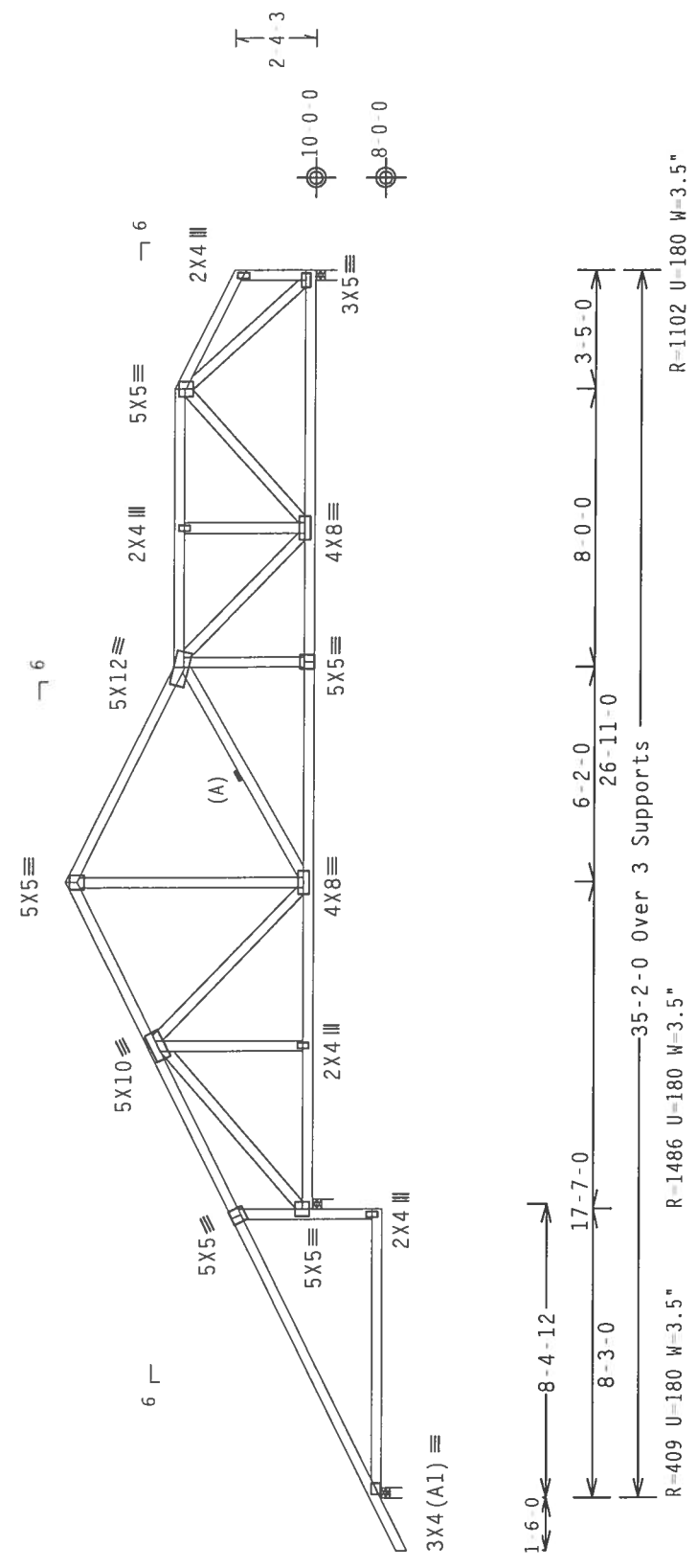
Right end vertical not exposed to wind pressure.

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

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

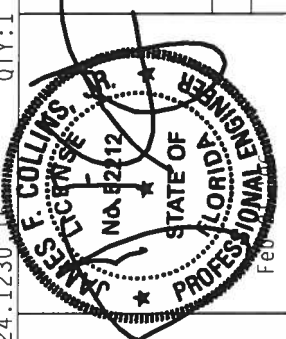
The overall height of this truss excluding overhang is 9' 1 1/2".

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



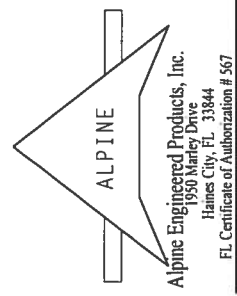
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1230 16

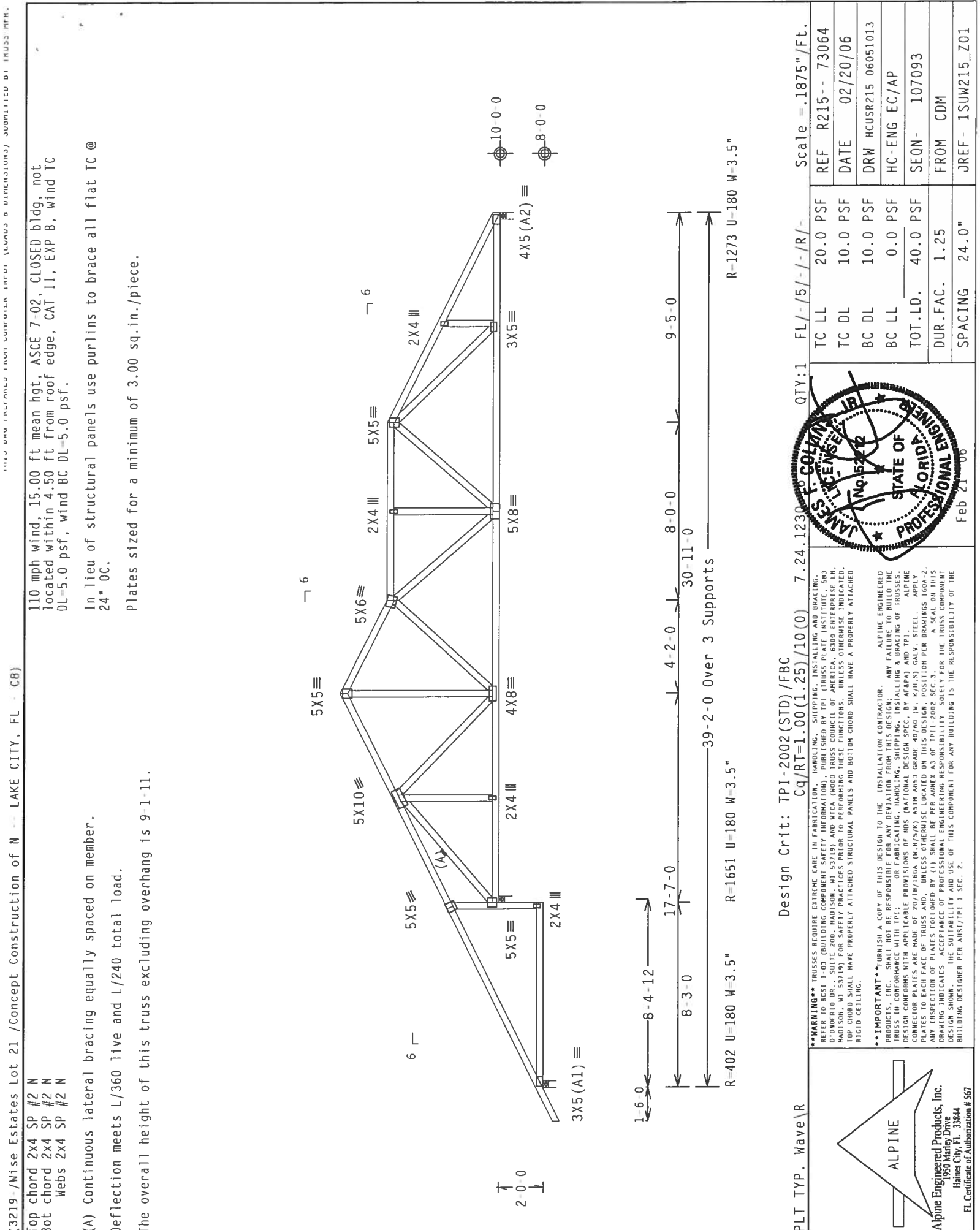
PLT TYP. Wave/R	QTY:1	FL/-/5/-/R/-	Scale = .1875"/Ft.
REF	R215--	73063	
DATE	02/20/06		
DRW	HCUSR215	06051011	
HC-ENG	EC/AP		
SEQN-	107097		
FROM	CDM		
JREF-	1SUW215_Z01		



WARNING** TRUSSES REQUIRING EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AFAPA) AND TPI1. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (40/60) ASTM A653 GRADE 40/60 (40/60) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGNER'S DESIGN AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI1 SEC. 2.

IMPORTANT** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AFAPA) AND TPI1. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (40/60) ASTM A653 GRADE 40/60 (40/60) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGNER'S DESIGN AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI1 SEC. 2.





(3219-Wise Estates Lot 21 /Concept Construction of N - LAKE CITY, FL - C8)

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

(A) Continuous lateral bracing equally spaced on member.
Deflection meets L/360 live and L/240 total load.
The overall height of this truss excluding overhang is 9'-11".

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

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

Scale = .1875"/Ft.

TC LL	20.0 PSF	REF	R215 - - 73064
TC DL	10.0 PSF	DATE	02/20/06
BC DL	10.0 PSF	DRW	HCUSR215 06051013
BC LL	0.0 PSF	HC-ENG	EC/AP
TOT.LD.	40.0 PSF	SEQN -	107093
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF -	1SUW215_Z01

PLT TYP. Wave\R

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

R=1273 U=180 W=3.5"

R=1651 U=180 W=3.5"

R=1273 U=180 W=3.5"

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

Scale = .1875"/Ft.

ALPINE

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

James F. Collins, P.E.
Professional Engineer
State of Florida
No. 15272

Feb 21 2006

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (40/60) ASTM A653 GRADE 40/60 (40/60) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED BY TPI-2002 SEC.3. A SEAL ON THIS DESIGN SHALL BE REQUIRED FOR THE INSTALLATION CONTRACTOR TO VERIFY THE TRUSS COMPONENT DESIGN SHOWS THE SUFFICIENCY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (40/60) ASTM A653 GRADE 40/60 (40/60) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED BY TPI-2002 SEC.3. A SEAL ON THIS DESIGN SHALL BE REQUIRED FOR THE INSTALLATION CONTRACTOR TO VERIFY THE TRUSS COMPONENT DESIGN SHOWS THE SUFFICIENCY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

(3219-Wise Estates Lot 21 /Concept Construction of N - LAKE CITY, FL - C9)

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

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

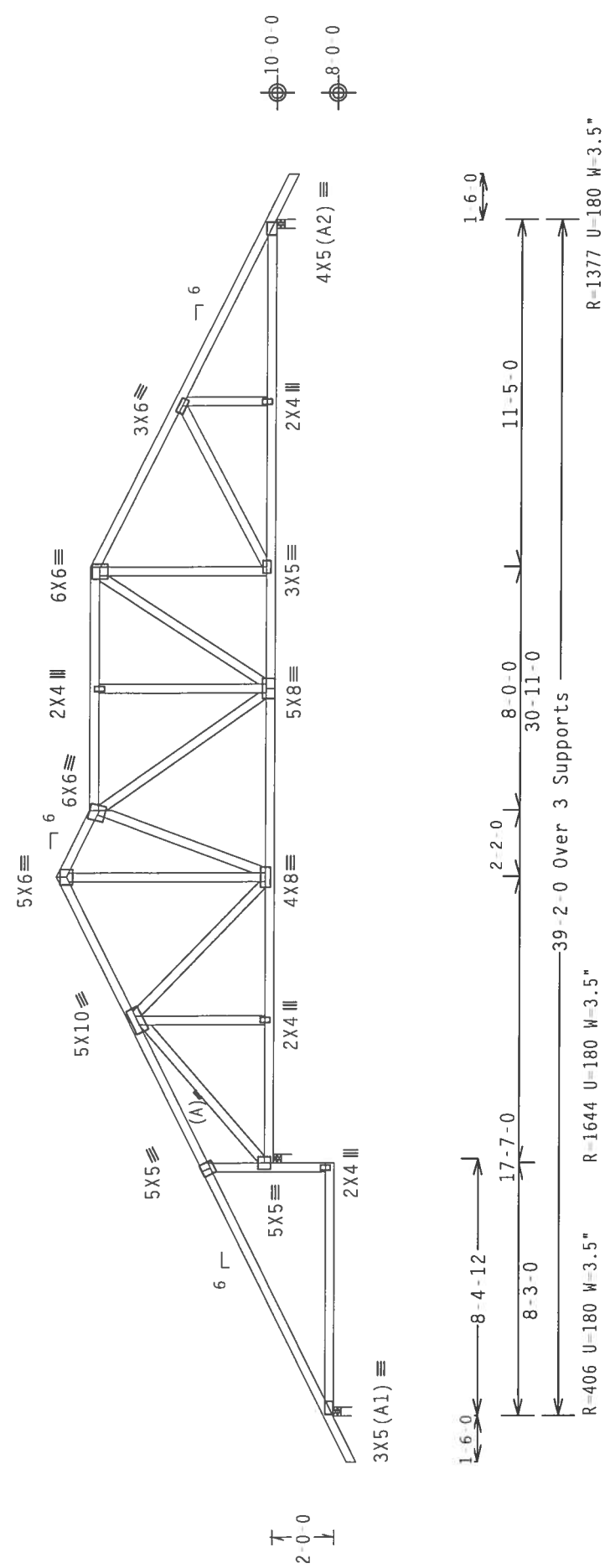
(A) Continuous lateral bracing equally spaced on member.

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

The overall height of this truss excluding overhang is 9'-1 1/2".

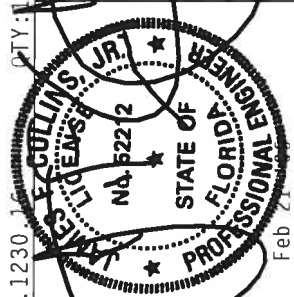
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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



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

PLT TYP. Wave\



QTY:	FL	/	5	/	1	/	R	/	Scale = .1875"/Ft.
REF	R215	-	-	-	-	-	-	-	73065
DATE	02/20/06								
DRW	HCUSR215								06051038
HC-ENG	EC/AP								
SEQN	107089								
FROM	CDM								
JREF	1SUW215								Z01

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING & BRACING. THE FOLLOWING INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 583 DOWNSIDE DR., SUITE 200, MOORESPORT, PA 17058, IS FOR YOUR INFORMATION ONLY. IT IS YOUR RESPONSIBILITY TO OBTAIN THE LATEST EDITION OF THIS INFORMATION. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY ACPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/166A (N-17/57K) ASTM A653 GRADE 40/60 (N. K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGNER'S USE. THIS SEAL IS NOT VALID FOR ANY OTHER USE. THE SEALING DESIGNER PER ANNEX A3 OF TPI-2002 SEC. 2.

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

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

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

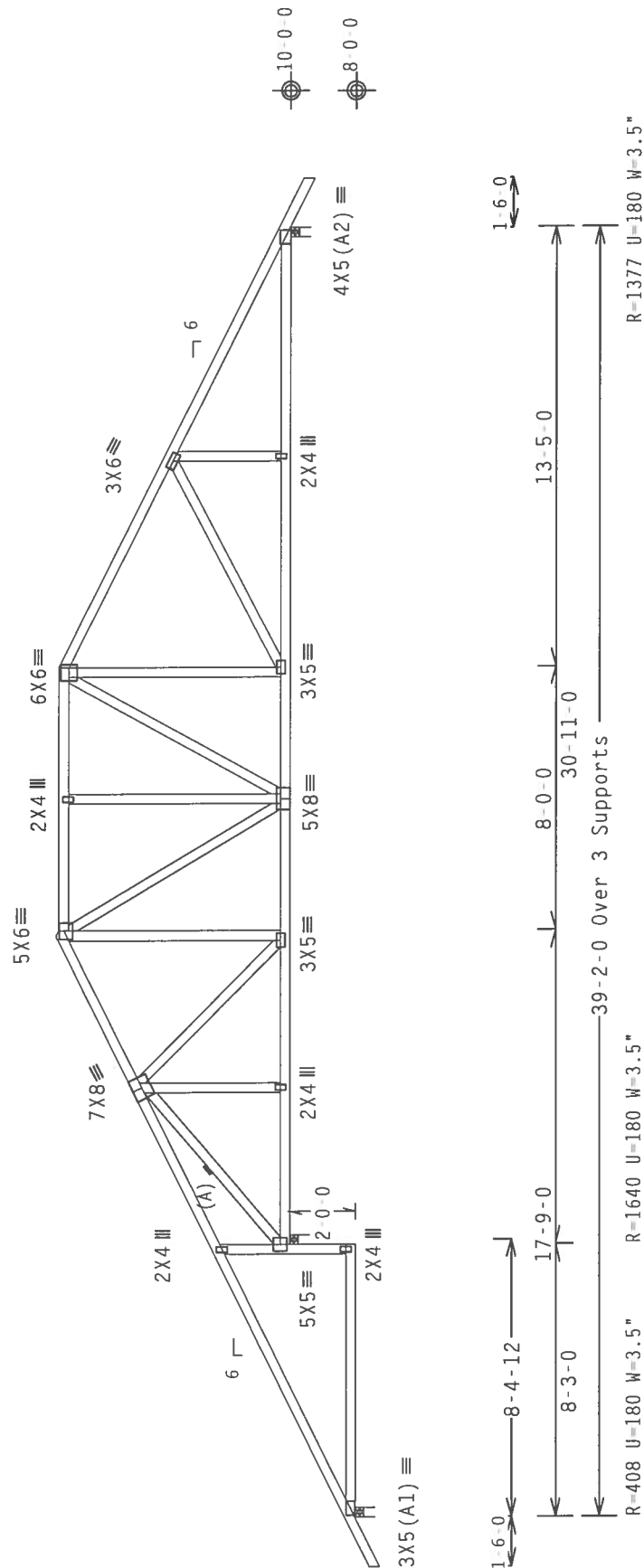
(A) Continuous lateral bracing equally spaced on member.

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

The overall height of this truss excluding overhang is 9-1-11.

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

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave\R

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

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS COMPANY INSTITUTE), 583 NORTH DORTCH STREET, DORCHESTER, MA 01919, FOR DETAILED INFORMATION. THESE COLLIER ADVERTISING ENTERPRISES, INC. (ADVERTISING) TRUSSES ARE DESIGNED TO BE USED WITH THE FOLLOWING CONDITIONS:

MASS NUMBER 527-919-0000. ALL TRUSSES ARE TO BE USED WITH THE FOLLOWING CONDITIONS:

TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSULATION CONTRACTOR. THE CONTRACTOR SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE DESIGN IN ACCORDANCE WITH THE ABOVE REQUIREMENTS SHALL BE THE RESPONSIBILITY OF THE TRUSS DESIGNER. CONNECTORS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC.) BY AIA/ASD AND TYPING ALPINE ENGINEERED PRODUCTS COMPANY SHALL BE USED. ALL TRUSS PLATES SHALL BE GALV. STEEL. APPLY CONNECTOR PLATES ARE MADE OF 20/18/16GA. (4.4X5.5) ASTM A453 GRADE 40/50 (4. K/L/S) GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND, OTHERWISSE LOCATED ON THE TRUSS, POSITION PER DRAWINGS 160A, 2. IF ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF TP11 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AIA/TP1 1 SEC. 2.

ALPINE

Alpine Engineered Products, Inc.
1050 MacLean Drive

1950 MAINEY DRIVE
HAINES CITY, FL 33844

Haines City, FL 33844
FL Certificate of Authorization # 567

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

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

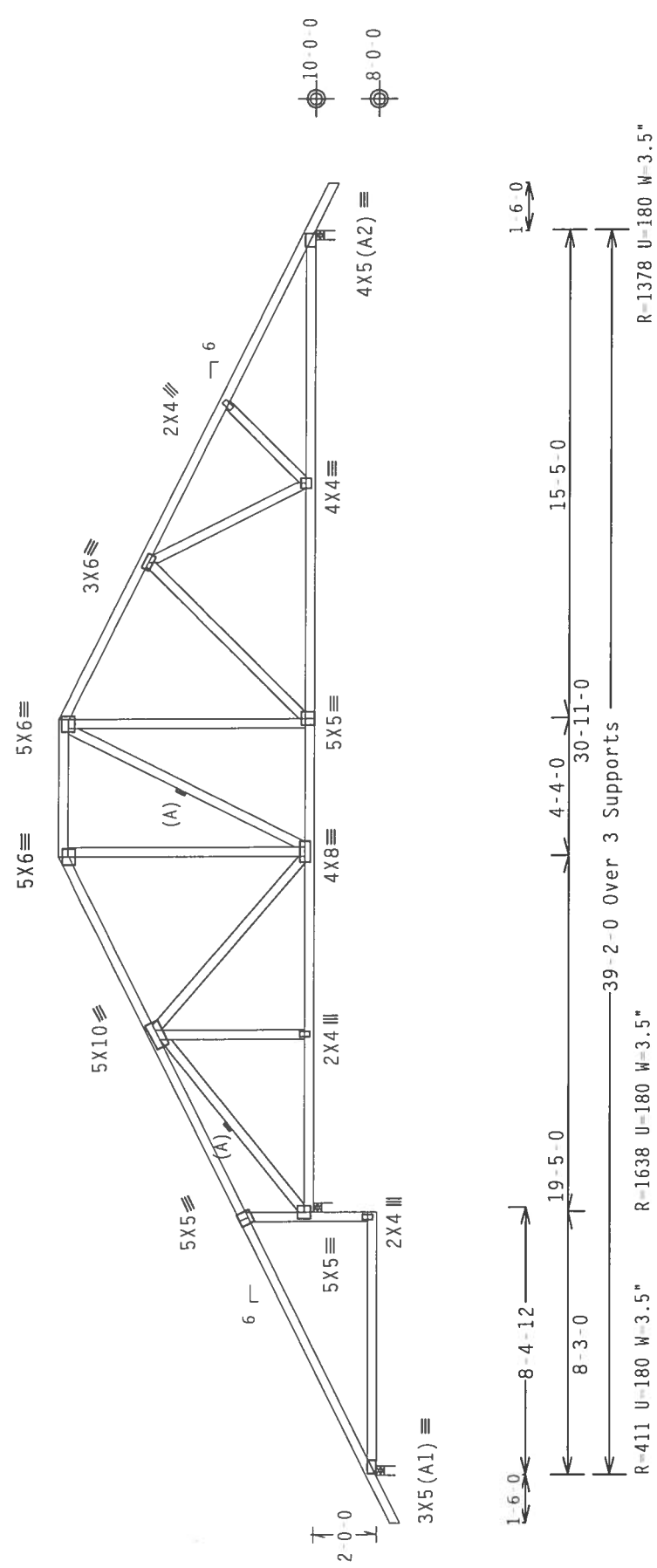
(A) Continuous lateral bracing equally spaced on member.

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

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

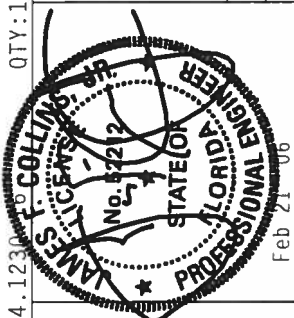
Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 10 0-11.



Design Crit: TPI-2002(STD)/FBC

Scale = .1875"/Ft.
QTY: 1 FL / - / 5 / - / - / R / -
REF R215 -- 73067
DATE 02/20/06
DRW HCUSR215 06051029
HC-ENG EC/AP
SEQN- 107081
FROM CDM
JREF- 1SUW215 Z01



WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REDESIGNER SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/ASA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2019/16GA (M-H/S/K) ASTM A653 GRADE 40/60 (M, K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF IPTI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGNER'S SIGNATURE AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

IMPORTANT** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/ASA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2019/16GA (M-H/S/K) ASTM A653 GRADE 40/60 (M, K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF IPTI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGNER'S SIGNATURE AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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FL Certificate of Authorization # 567

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

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

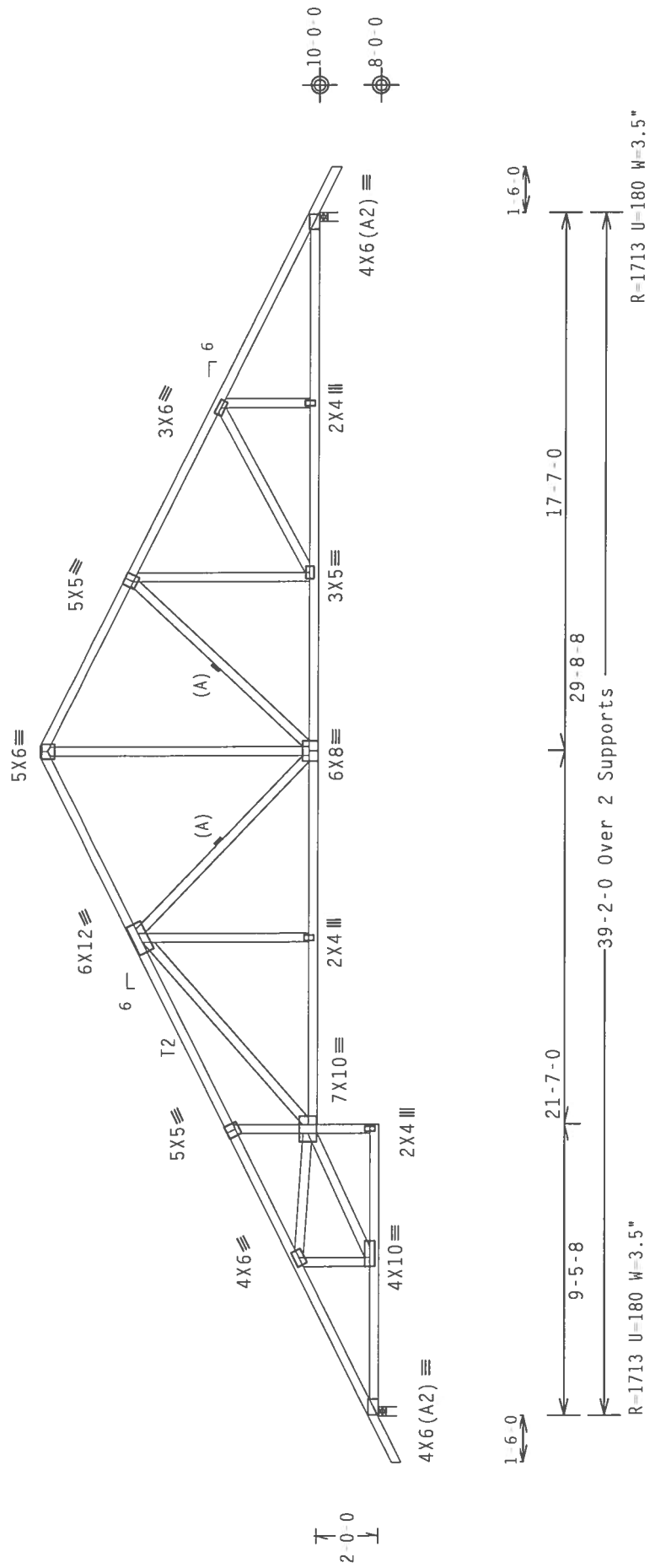
Calculated horizontal deflection is 0.14" due to live load and 0.15" due to dead load.

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

(A) Continuous lateral bracing equally spaced on member.

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

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



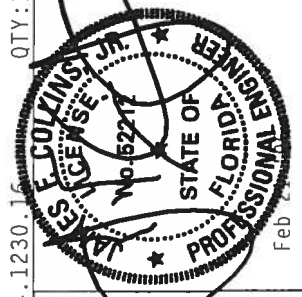
PLT TYP. Wave\ R
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1230.15 QTY:1 FL/-/5/-/R/- Scale =.1875"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 MADISON, MI 48137) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE SPECIFIED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERING PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC., BY AISC) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/166A (M-11/57X) ASTM A653 GRADE 40/60 (M. K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE

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1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567



REF	R215	20.0	PSF	TC LL	FL/-/5/-/R/-	Scale =.1875"/Ft.
DATE	02/20/06	10.0	PSF	TC DL		
DRW	HCUSR215 06051014	10.0	PSF	BC DL		
HC-ENG	EC/AP	0.0	PSF	BC LL		
SEQN	107077	40.0	PSF	TOT.LD.		
FROM	CDM	1.25		DUR.FAC.		
JREF	1SUW215_Z01	24.0"		SPACING		

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

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

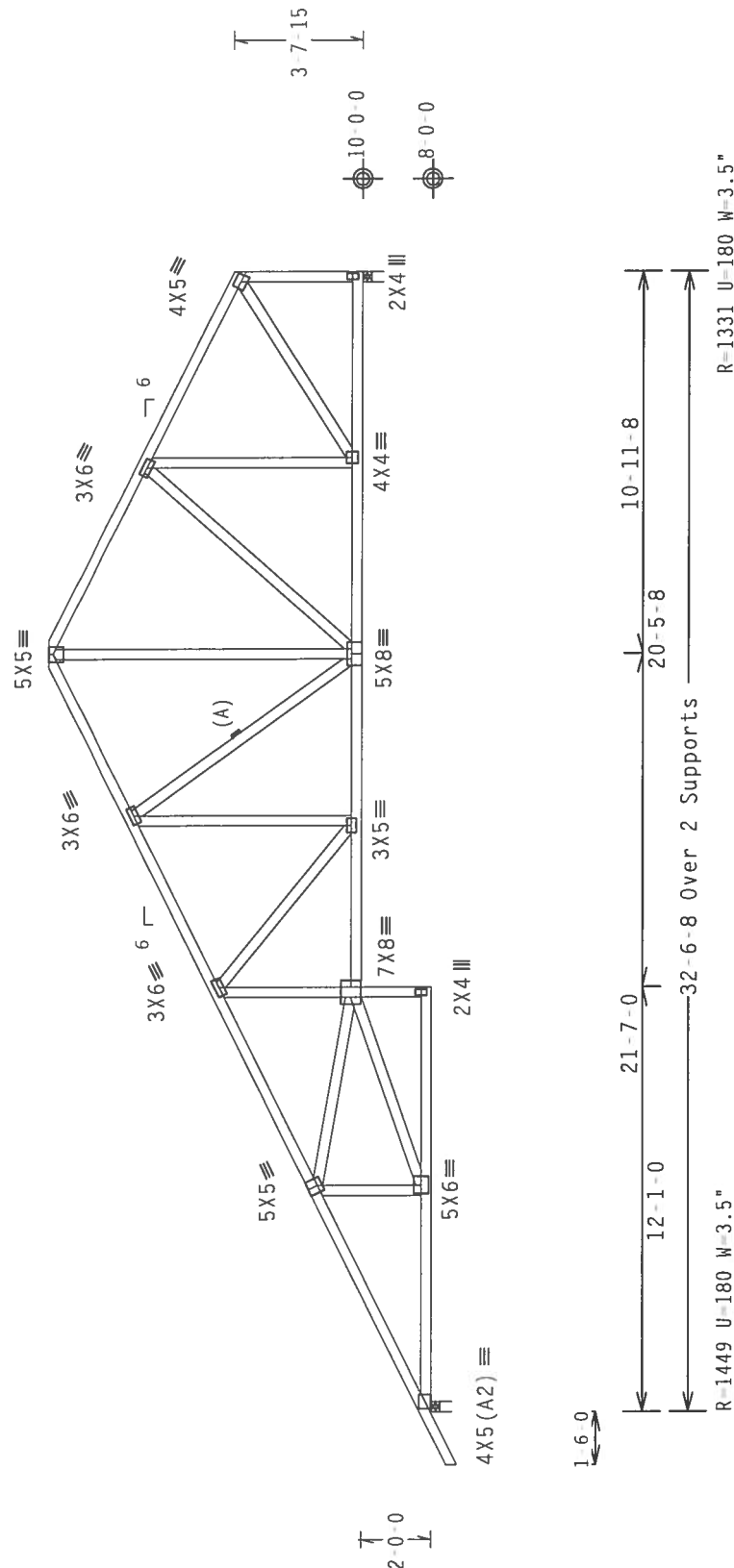
(A) Continuous lateral bracing equally spaced on member.

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

The overall height of this truss excluding overhang is 10-11-7.

Right end vertical not exposed to wind pressure.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave\R

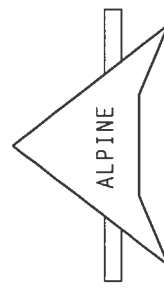
QTY:1

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

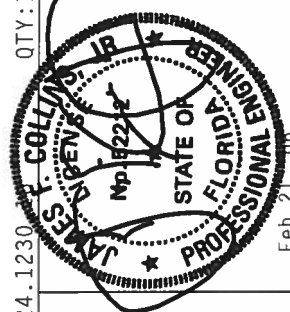
Scale = 1875"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES BUILDING COMMISSION SAFETY INFORMATION, PUBLISHED BY THE CHORD PLATE INSTITUTE, 963 WILSON AVENUE, SUITE 100, MADISON, WI 53719, FOR COMPLETE 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 BRIGED CHORD.

*****IMPORTANT***** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. CONTRACTOR SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; OR FABRICATING, HANDLING, SHIPPING, INSTALLATION OR CONSTRUCTION OF THE TRUSS. CONTRACTOR SHALL PROVIDE ALL INFORMATION, DESIGN SPEC., BY AREA, TO THE TRUSS MANUFACTURER. ALL TRUSSES SHALL BE MANUFACTURED IN ACCORDANCE WITH THE TRUSS MANUFACTURER'S PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITIVE INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNE A3 OF IPT1-2002 SEC. 2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SELLER'S LIABILITY FOR THE DESIGN OF THIS COMPONENT FOR THE BUILDING IS (1) SEC. 2 OF THE BUILDING DESIGNER PER ANNE A3 OF IPT1-2002 SEC. 2.



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



Feb 21, 96

TRFF- 1SIW215 701

FROM COM

SEON- 107066

HC-ENG EC/AP *

ORW HCUSR215 06051017

DATE 02/20/06

REF R215-- 73070

Scale = .1875"/Ft.

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

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

(A) Continuous lateral bracing equally spaced on member.

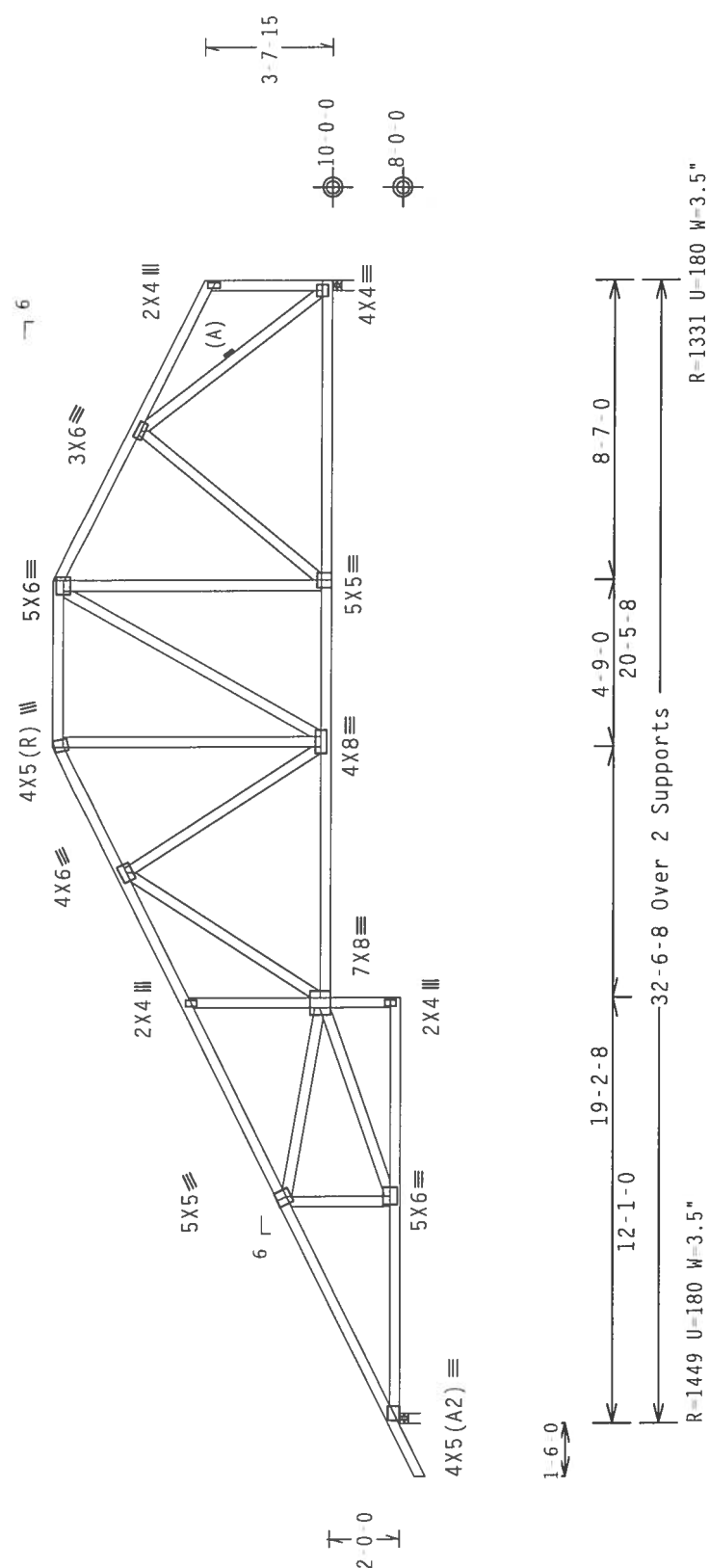
Right end vertical not exposed to wind pressure.

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

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

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

The overall height of this truss excluding overhang is 9-11-7.



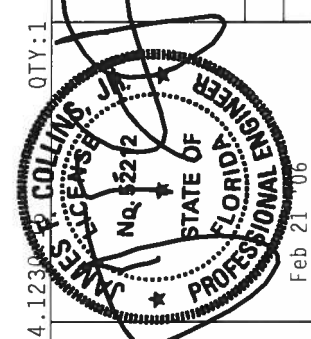
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1230

PLT TYP. Wave\R	QTY:1	FL/-/5/-/R/-	Scale =.1875"/Ft.
	TC LL	20.0 PSF	REF R215-- 73071
	TC DL	10.0 PSF	DATE 02/20/06
	BC DL	10.0 PSF	DRW HCUSR215 06051018
	BC LL	0.0 PSF	HC-ENG EC/AP *
	TOT.LD.	40.0 PSF	SEQN- 107062
	DUR.FAC.	1.25	FROM CDM
	SPACING	24.0"	JREF- 1SUW215_Z01

WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. DESIGNER BEST T.O.D. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 OCEAN BLVD., SUITE 200, FORT MYERS, FL 33901-4000) SHALL BE USED FOR ALL TRUSS PROJECTS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/166A (N-17/57X) ASTM A653 GRADE 40/60 (M. K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGNER'S USE. THE DESIGNER'S ACCEPTANCE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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FL Certificate of Authorization # 567



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

1110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, 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.

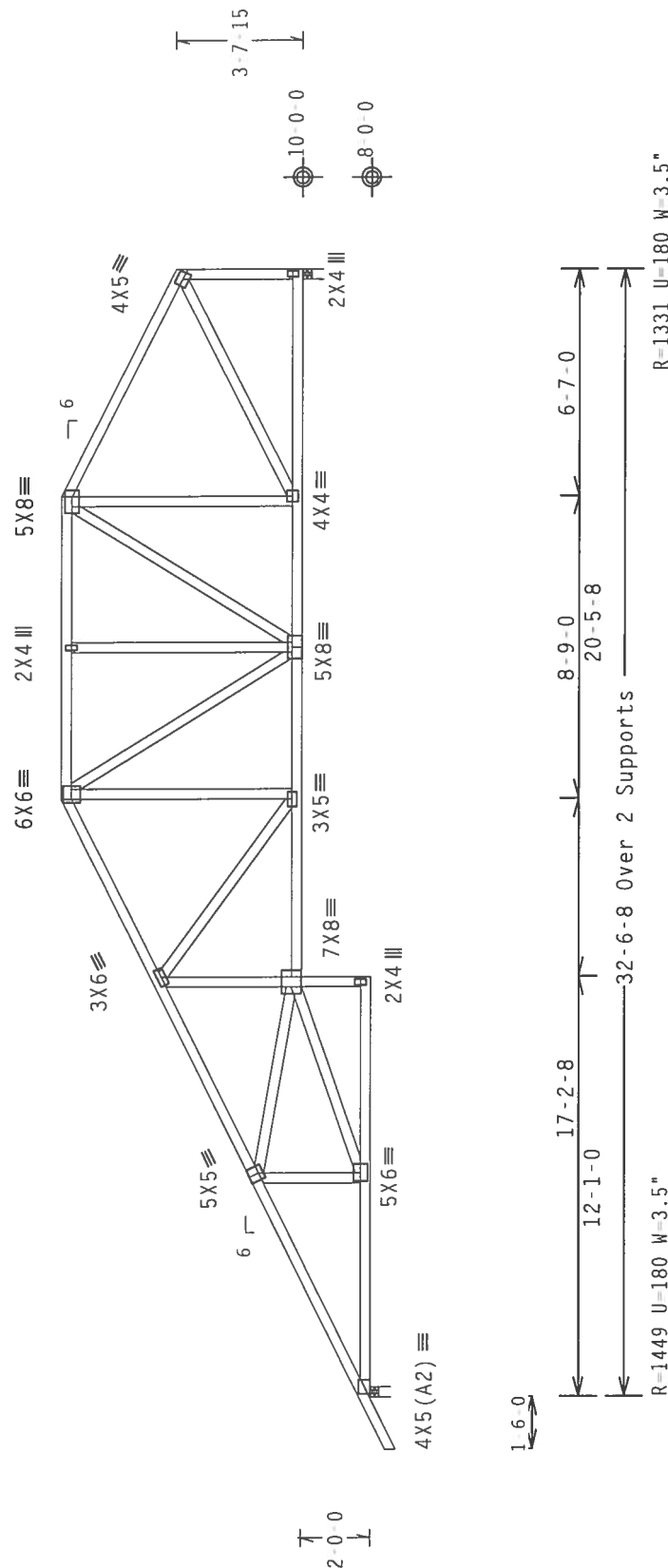
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

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 8-11-7.

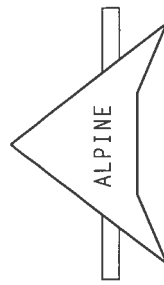


Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave/R

WARNING RUSS REQUIRES EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED CEILING.

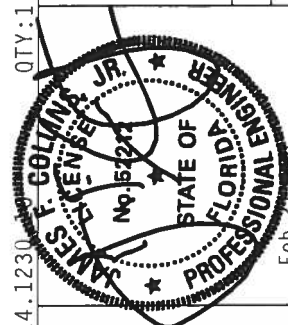
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TP1 CONNECTIONS, FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING TO TRUSS THE TRUSS IN CONFORMANCE WITH TP1 CONNECTIONS OF THIS DESIGN SPEC. BY APRA) AND PAPER 2. CONNECTIONS ARE MADE PER 1976/1989/1995/2001/2002/2003/2006/2009/2010/2011/2012/2013/2014/2015/2016/2017/2018/2019/2020/2021/2022/2023/2024/2025/2026/2027/2028/2029/2030/2031/2032/2033/2034/2035/2036/2037/2038/2039/2040/2041/2042/2043/2044/2045/2046/2047/2048/2049/2050/2051/2052/2053/2054/2055/2056/2057/2058/2059/2060/2061/2062/2063/2064/2065/2066/2067/2068/2069/2070/2071/2072/2073/2074/2075/2076/2077/2078/2079/2080/2081/2082/2083/2084/2085/2086/2087/2088/2089/2090/2091/2092/2093/2094/2095/2096/2097/2098/2099/2100/2101/2102/2103/2104/2105/2106/2107/2108/2109/2110/2111/2112/2113/2114/2115/2116/2117/2118/2119/2120/2121/2122/2123/2124/2125/2126/2127/2128/2129/2130/2131/2132/2133/2134/2135/2136/2137/2138/2139/2140/2141/2142/2143/2144/2145/2146/2147/2148/2149/2150/2151/2152/2153/2154/2155/2156/2157/2158/2159/2160/2161/2162/2163/2164/2165/2166/2167/2168/2169/2170/2171/2172/2173/2174/2175/2176/2177/2178/2179/2180/2181/2182/2183/2184/2185/2186/2187/2188/2189/2190/2191/2192/2193/2194/2195/2196/2197/2198/2199/2200/2201/2202/2203/2204/2205/2206/2207/2208/2209/2210/2211/2212/2213/2214/2215/2216/2217/2218/2219/2220/2221/2222/2223/2224/2225/2226/2227/2228/2229/2230/2231/2232/2233/2234/2235/2236/2237/2238/2239/2240/2241/2242/2243/2244/2245/2246/2247/2248/2249/2250/2251/2252/2253/2254/2255/2256/2257/2258/2259/2260/2261/2262/2263/2264/2265/2266/2267/2268/2269/2270/2271/2272/2273/2274/2275/2276/2277/2278/2279/2280/2281/2282/2283/2284/2285/2286/2287/2288/2289/2290/2291/2292/2293/2294/2295/2296/2297/2298/2299/2300/2301/2302/2303/2304/2305/2306/2307/2308/2309/2310/2311/2312/2313/2314/2315/2316/2317/2318/2319/2320/2321/2322/2323/2324/2325/2326/2327/2328/2329/2330/2331/2332/2333/2334/2335/2336/2337/2338/2339/2340/2341/2342/2343/2344/2345/2346/2347/2348/2349/2350/2351/2352/2353/2354/2355/2356/2357/2358/2359/2360/2361/2362/2363/2364/2365/2366/2367/2368/2369/2370/2371/2372/2373/2374/2375/2376/2377/2378/2379/2380/2381/2382/2383/2384/2385/2386/2387/2388/2389/2390/2391/2392/2393/2394/2395/2396/2397/2398/2399/2400/2401/2402/2403/2404/2405/2406/2407/2408/2409/2410/2411/2412/2413/2414/2415/2416/2417/2418/2419/2420/2421/2422/2423/2424/2425/2426/2427/2428/2429/2430/2431/2432/2433/2434/2435/2436/2437/2438/2439/2440/2441/2442/2443/2444/2445/2446/2447/2448/2449/2450/2451/2452/2453/2454/2455/2456/2457/2458/2459/2460/2461/2462/2463/2464/2465/2466/2467/2468/2469/2470/2471/2472/2473/2474/2475/2476/2477/2478/2479/2480/2481/2482/2483/2484/2485/2486/2487/2488/2489/2490/2491/2492/2493/2494/2495/2496/2497/2498/2499/2500/2501/2502/2503/2504/2505/2506/2507/2508/2509/2510/2511/2512/2513/2514/2515/2516/2517/2518/2519/2520/2521/2522/2523/2524/2525/2526/2527/2528/2529/2530/2531/2532/2533/2534/2535/2536/2537/2538/2539/2540/2541/2542/2543/2544/2545/2546/2547/2548/2549/2550/2551/2552/2553/2554/2555/2556/2557/2558/2559/2560/2561/2562/2563/2564/2565/2566/2567/2568/2569/2570/2571/2572/2573/2574/2575/2576/2577/2578/2579/2580/2581/2582/2583/2584/2585/2586/2587/2588/2589/2590/2591/2592/2593/2594/2595/2596/2597/2598/2599/2600/2601/2602/2603/2604/2605/2606/2607/2608/2609/2610/2611/2612/2613/2614/2615/2616/2617/2618/2619/2620/2621/2622/2623/2624/2625/2626/2627/2628/2629/2630/2631/2632/2633/2634/2635/2636/2637/2638/2639/2640/2641/2642/2643/2644/2645/2646/2647/2648/2649/2650/2651/2652/2653/2654/2655/2656/2657/2658/2659/2660/2661/2662/2663/2664/2665/2666/2667/2668/2669/2670/2671/2672/2673/2674/2675/2676/2677/2678/2679/2680/2681/2682/2683/2684/2685/2686/2687/2688/2689/2690/2691/2692/2693/2694/2695/2696/2697/2698/2699/2700/2701/2702/2703/2704/2705/2706/2707/2708/2709/2710/2711/2712/2713/2714/2715/2716/2717/2718/2719/2720/2721/2722/2723/2724/2725/2726/2727/2728/2729/2730/2731/2732/2733/2734/2735/2736/2737/2738/2739/2740/2741/2742/2743/2744/2745/2746/2747/2748/2749/2750/2751/2752/2753/2754/2755/2756/2757/2758/2759/2760/2761/2762/2763/2764/2765/2766/2767/2768/2769/2770/2771/2772/2773/2774/2775/2776/2777/2778/2779/2780/2781/2782/2783/2784/2785/2786/2787/2788/2789/2790/2791/2792/2793/2794/2795/2796/2797/2



Alpine Engineered Products, Inc.

1950 Marley Drive
Tanner, Ohio, U.S.A. 44124

FL Certificate of Authorization # 567
Tallahassee, FL 32304



FL/-/5/-/-/R/-		Scale = .1875"/Ft.
TC LL	20.0 PSF	REF R215-- 73072
TC DL	10.0 PSF	DATE 02/20/06
BC DL	10.0 PSF	DRW HCUSR215 06051019
BC LL	0.0 PSF	HC-ENG EC/AP *
TOT.LD.	40.0 PSF	SEQN- 107058
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1SUW215 Z01

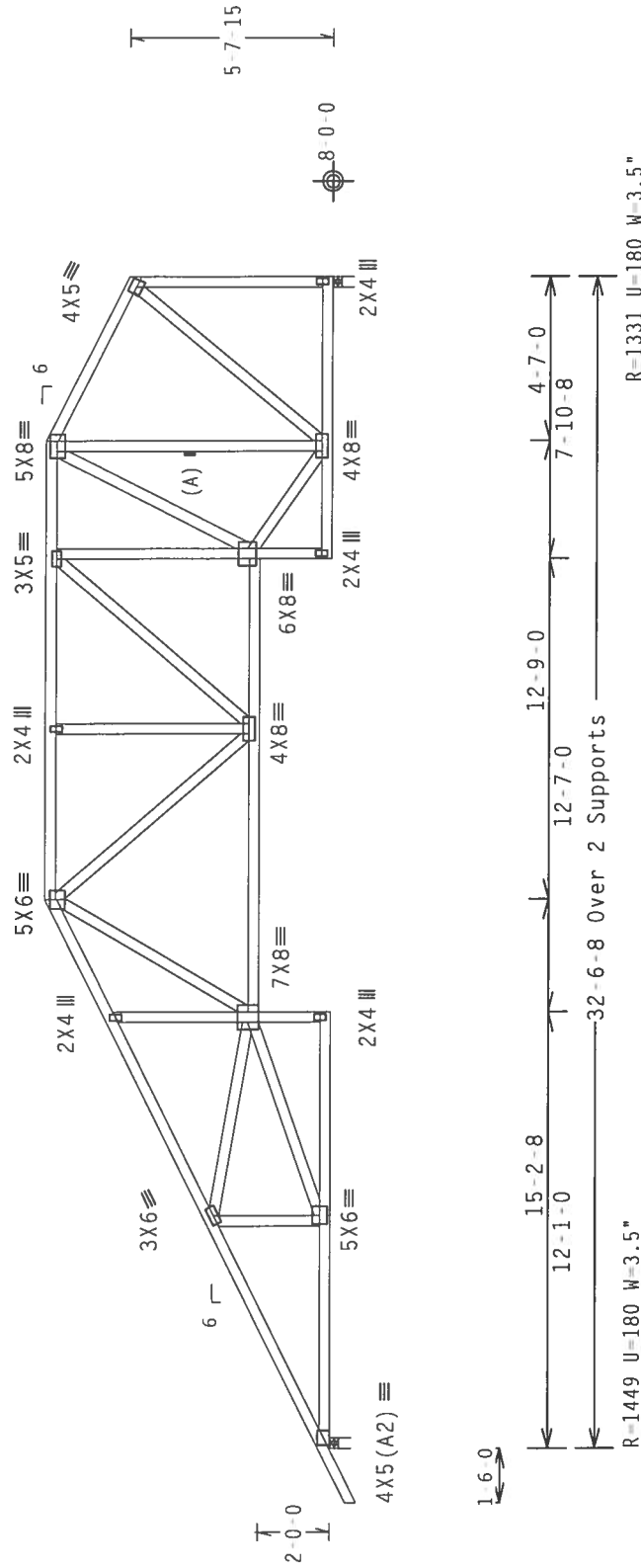
Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

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

(A) Continuous lateral bracing equally spaced on member.

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

The overall height of this truss excluding overhang is 7-11-7.



PLT TYP. Wave\R

Design Crit: TPI-2002(STD)/FBC

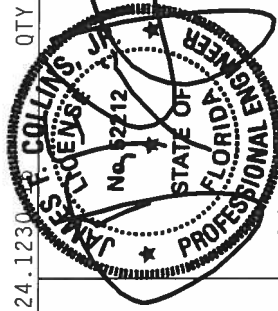
$$Cq/RT=1.00(1.25)/10(0)$$

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

Scale = .1875"/Ft.

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RES-103 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IPI (TRUSS PLATE INSTITUTE), 363 D-000701810, BOX 3, SUITE 200, MADISON, WI 53719, AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED TOP CHORD GUSSET.

****IMPORTANT****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; DESIGN CONFORMING WITH THE FOLLOWING FABRICATING, HANDLING, SHIPPING, INSTALLATION AND ERECTION INSTRUCTIONS. ALL DIMENSIONS AND TOLERANCES, BY AREA, SHALL BE AS SHOWN ON THE DRAWING. ALL DIMENSIONS SHALL BE TO THE CENTER OF THE CONNECTOR PLATES. PLATES ARE MADE OF 20/10/18GA. OR 20/12GA. ASTM A572M. ALL PLATES TO EACH FACE OF TRUSS AND OVERLAP OTHERWISE LOCATED ON THIS DESIGN. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANEX A OF TP11 2002. SECT. 10. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOCIAL DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE BUILDING DESIGNER PER ANEX A/P11 1 SEC. 2.



Haines City, FL 33844
FL Certificate of Authorization # 567

Feb 21 06

JREF- 1SUW215 Z01

(3219-Wise Estates Lot 21 /Concept Construction of N - LAKE CITY, FL - C18)

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

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

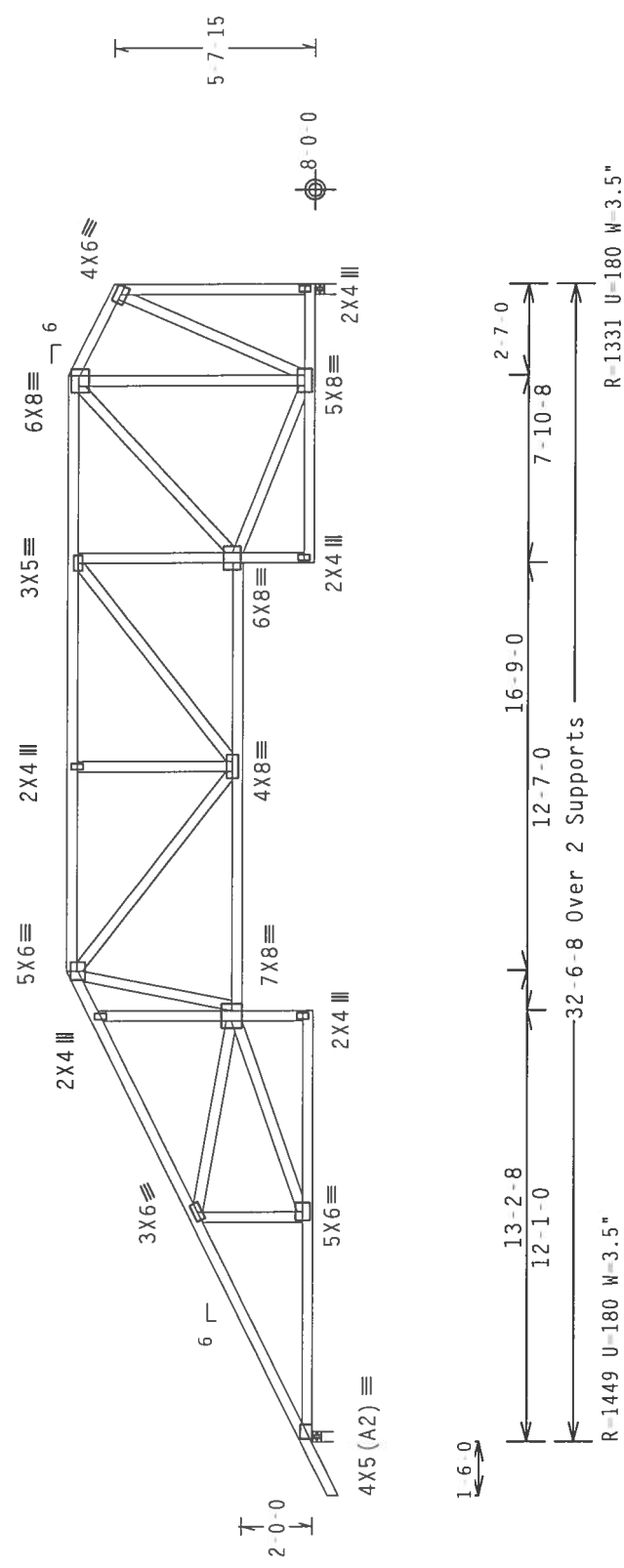
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Right end vertical not exposed to wind pressure.

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

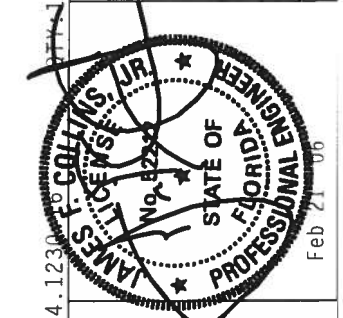
Deflection meets L/360 live and L/240 total load.

The overall height of this truss excluding overhang is 6-11-7.



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

TC LL	20.0 PSF	FL / - / 5 / - / R / -	Scale = .1875" / Ft.
TC DL	10.0 PSF	REF	R215 -- 73074
BC DL	10.0 PSF	DATE	02/20/06
BC LL	0.0 PSF	DRW	HCUSR215 06051021
TOT.LD.	40.0 PSF	HC-ENG	EC/AP
DUR.FAC.	1.25	SEQN-	107051 REV
SPACING	24.0"	FROM	CDM
		JREF-	1SUW215_Z01



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 MONROE DR., SUITE 200, MADISON, WI 53703), AND AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC., 500 N. MICHIGAN, CHICAGO, IL 60610) FOR ADDITIONAL INFORMATION. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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

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

Top chord 2x4 SP #2 N
Bot chord 2x6 SP #2 N :B2 2x6 SP SS:
Webs 2x4 SP #2 N
:Lt Wedge 2x4 SP #2 N:

SPECIAL LOADS
----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 62 PLF at 0.00 to 62 PLF at 32.54
BC - From 20 PLF at 0.00 to 20 PLF at 32.54
PLB- 472 LB Conc. Load at (1.06,8.04), (3.06,8.04), (5.06,8.04)
PLB- 467 LB Conc. Load at (7.06,8.04)
PLB- 463 LB Conc. Load at (9.06,8.04), (25.06,8.04), (27.06,8.04)
PLB- 428 LB Conc. Load at (11.06,8.04)
PLB- 485 LB Conc. Load at (13.06,10.04), (15.06,10.04), (17.06,10.04)
PLB- 691 LB Conc. Load at (21.06,10.04), (23.06,10.04)
PLB- 691 LB Conc. Load at (29.06,8.04), (31.06,8.04)

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

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

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

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

2 COMPLETE TRUSSES REQUIRED

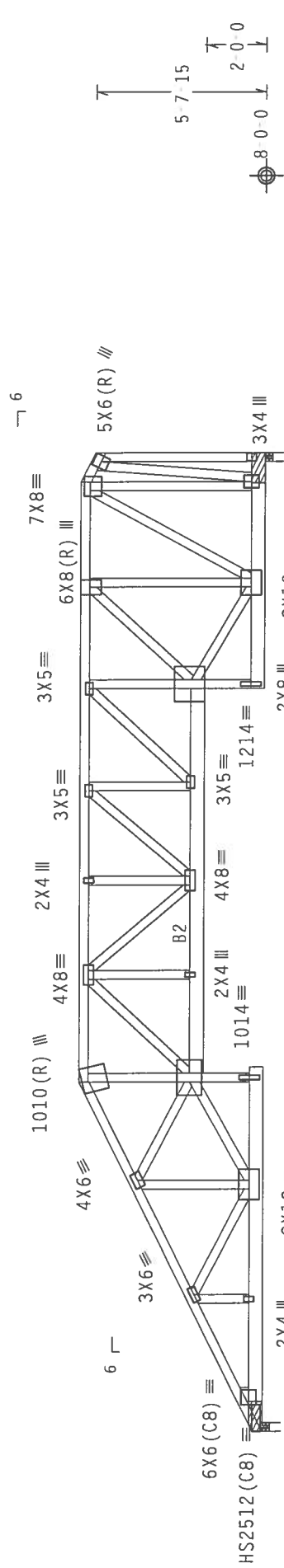
Nailing Schedule: (10d Box or Gun (0.128"x3", min.) nails)
Top Chord: 1 Row @ 4.00" o.c.
Bot Chord: 1 Row @ 6.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.
Bearing blocks: Nail type: 10d Box or Gun (0.128"x3", min.) nails
BRG X-LOC #BLOCKS LENGTH/BLK #NAILS/BLK WALL PLATE
1 0.000' 1 12" 4 Match Truss
2 32.250' 1 12" 4 Match Truss
Bearing block to be same size and species as bottom chord.
Refer to drawing CNRBGLK1103 for additional information.

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

Right end vertical not exposed to wind pressure.

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

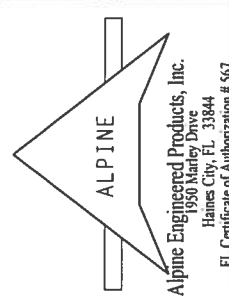
The overall height of this truss excluding overhang is 6-1-11.



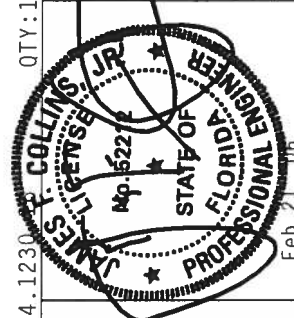
R=5212 U=566 W=3.5" R=5459 U=676 W=3.5"

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

PLT TYP. 20 Gauge HS.Wave\R		QTY:1	FL/-/5/-/R/-	Scale =.1875"/Ft.
		TC LL	20.0 PSF	REF R215 - 73075
		TC DL	10.0 PSF	DATE 02/20/06
		BC DL	10.0 PSF	DRW HCUSR215 06051022
		BC LL	0.0 PSF	HC-ENG EC/AP
		TOT.LD.	40.0 PSF	SEQN- 107030 REV
		DUR.FAC.	1.25	FROM CDM
		SPACING	24.0"	JREF- 1SUW215_Z01



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



WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/166A (N-1/5X) ASTM A653 GRADE 40/60 (N-1/5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT MANUFACTURER'S USE. THIS SEAL IS NOT VALID FOR ANY OTHER USE. THE SEAL IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/166A (N-1/5X) ASTM A653 GRADE 40/60 (N-1/5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT MANUFACTURER'S USE. THIS SEAL IS NOT VALID FOR ANY OTHER USE. THE SEAL IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

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

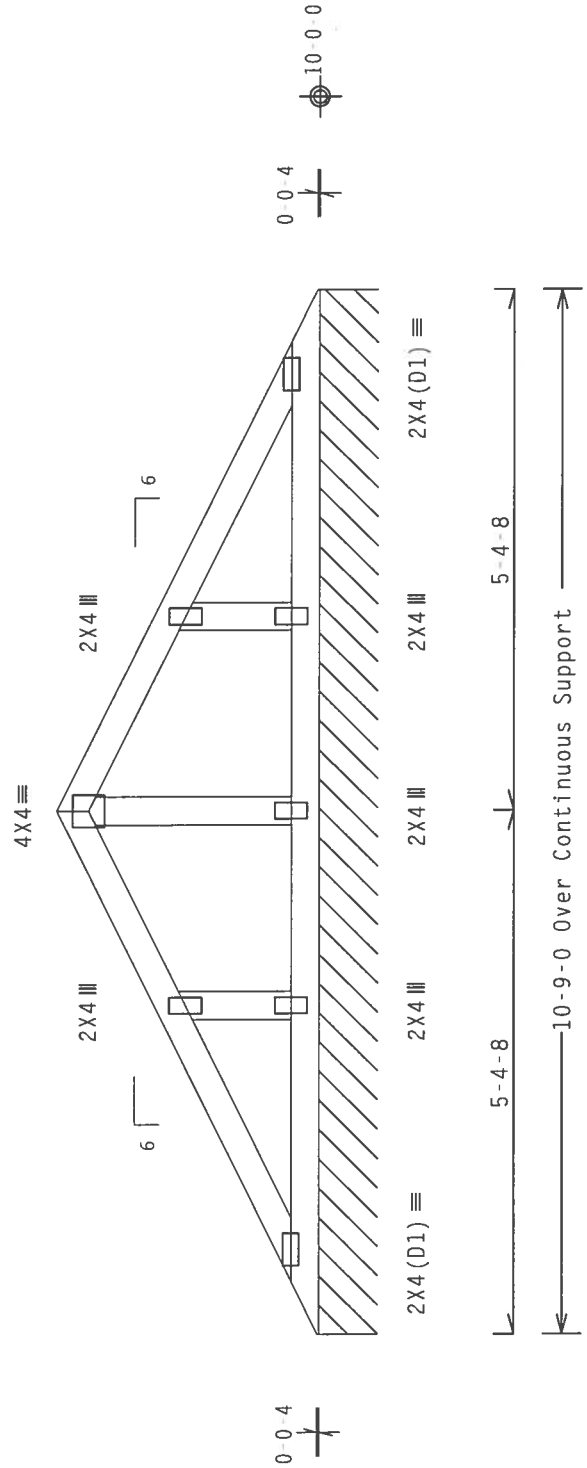
Plates sized for a minimum of 3.00 sq.in./piece.

See DWGS A11015EE0405 & GBLLETIN0405 for more requirements.

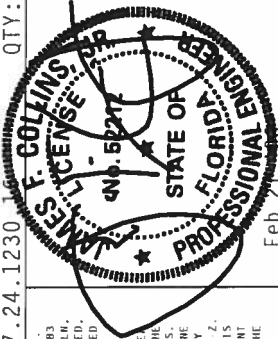
THE BUILDING DESIGNER IS RESPONSIBLE FOR THE DESIGN OF THE ROOF AND CEILING DIAPHRAGMS, GABLE END SHEAR WALLS, AND SUPPORTING SHEAR WALLS. SHEAR WALLS MUST PROVIDE CONTINUOUS LATERAL RESTRAINT TO THE GABLE END. ALL CONNECTIONS TO BE DESIGNED BY THE BUILDING DESIGNER.

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

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



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

 ALPINE Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844 FL Certificate of Authorization # 567	REF R215-- 73076	
	DATE 02/20/06	
	DRW HCUSR215 06051001	
	HC-ENG EC/AP *	
	SEQN- 107018	
	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		FROM CDM
SPACING 24.0"		JREF- 1SUW215_Z01

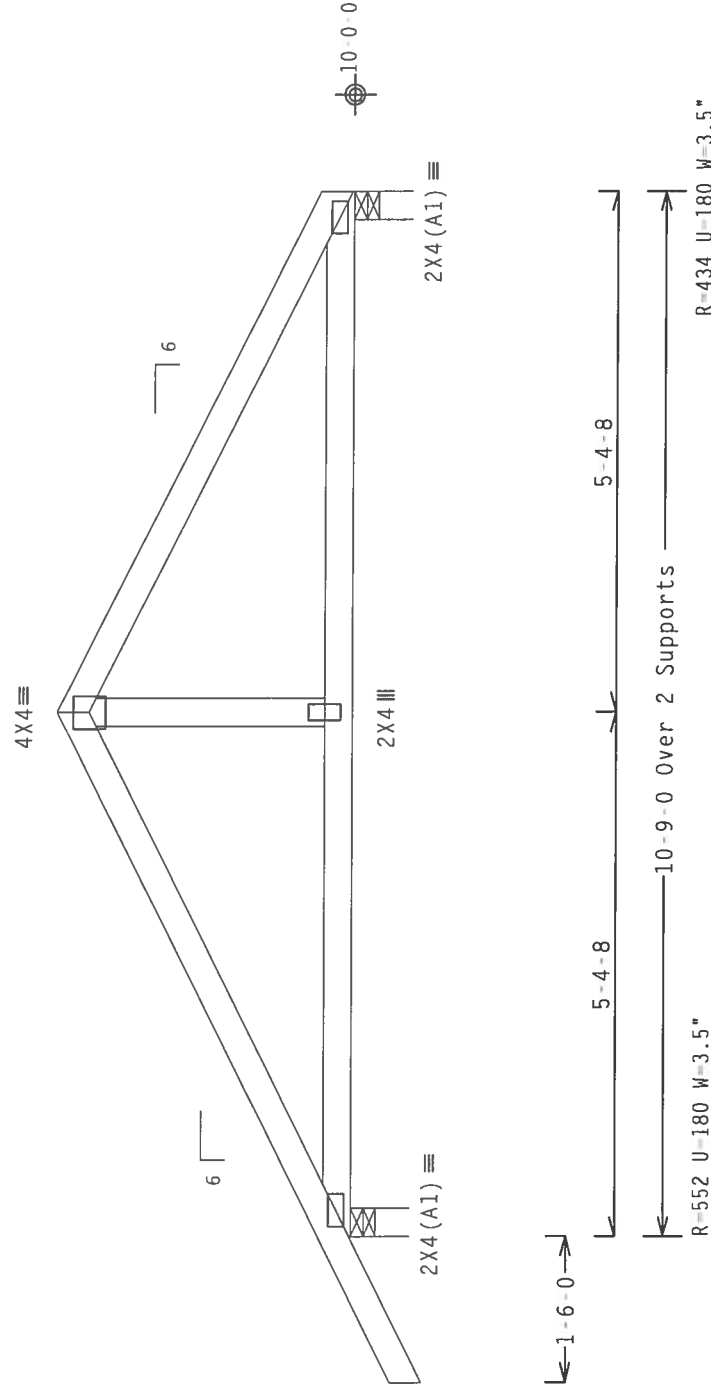
Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

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

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

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

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave\R

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

WARNING MUZZES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING TO PREVENT ANY FLOPPING COMPONENT SAFETY INFORMATION) PUBLISHED BY TPI (THUSS-FALE INSTITUTE, 593 CROOKER RD., SUITE 100, MADISON, WI 53719). FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE CONSTRUCTION UNLESS OTHERWISE NOTED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED TOP CHORD GUELLING.

TC	LL	20.0	PSF	REF	R215--	73077
TC	DL	10.0	PSF	DATE	02/20/06	
BC	DL	10.0	PSF	DRW	HCUSR215	06051012
BC	LL	0.0	PSF	HC-ENG	EC/AP	*
TOT.	LD.	40.0	PSF	SEQN-	107021	
DUR.	FAC.	1.25		FROM	CDM	
SPACING	24.0"			JREF-	1SUW215	Z01

ALPINE

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

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

Feb 21 '06

(3219-Wise Estates Lot 21 /Concept Construction of N -- LAKE CITY, FL - D3)

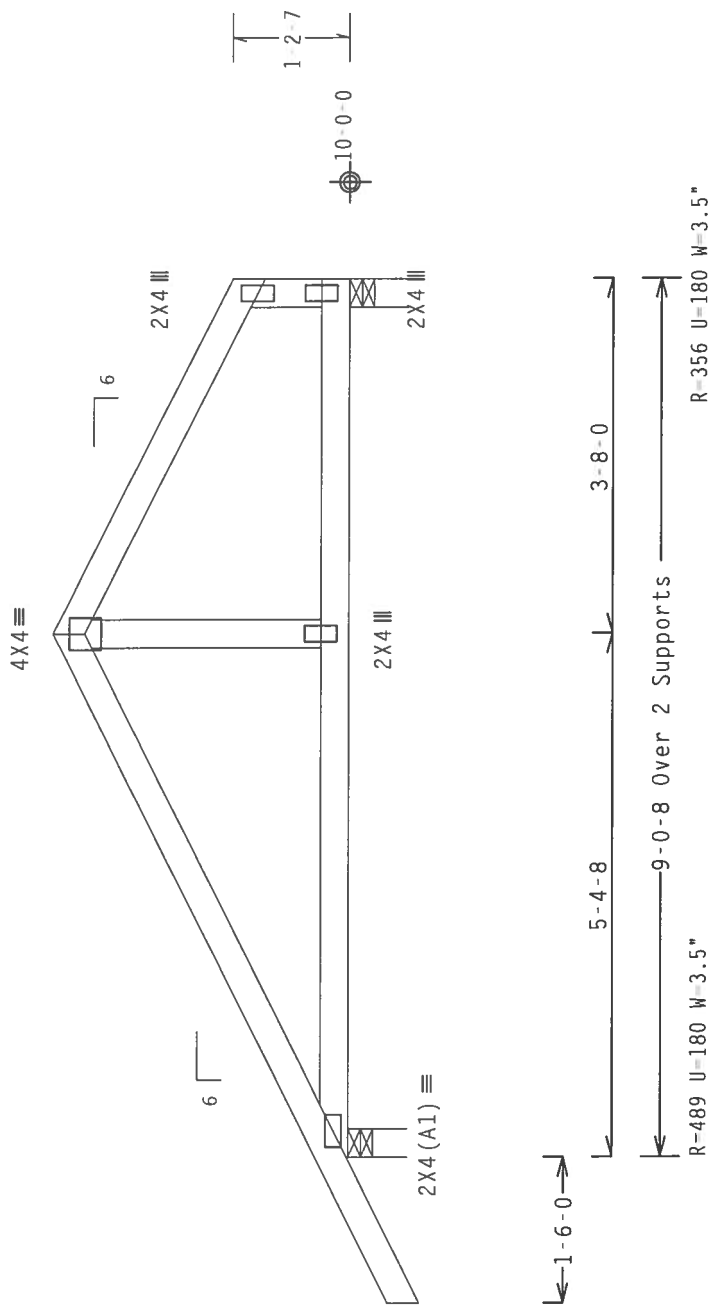
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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

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

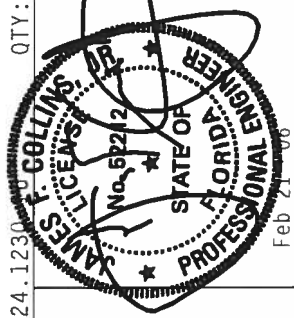
Plates sized for a minimum of 3.00 sq.in./piece.

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



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

QTY: 2	FL: -/5/-/R/-	Scale = .5" /Ft.
TC LL	20.0 PSF	REF R215 -- 73078
TC DL	10.0 PSF	DATE 02/20/06
BC DL	10.0 PSF	DRW HCUSR215 06051032
BC LL	0.0 PSF	HC-ENG EC/AP *
TOT.LD.	40.0 PSF	SEQN- 107024 REV
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1SUW215_Z01



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 583 MADISON, MI 48137, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (4-11/5/5) ASTM A653 GRADE 40/60 (N, K/H, S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE

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

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

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

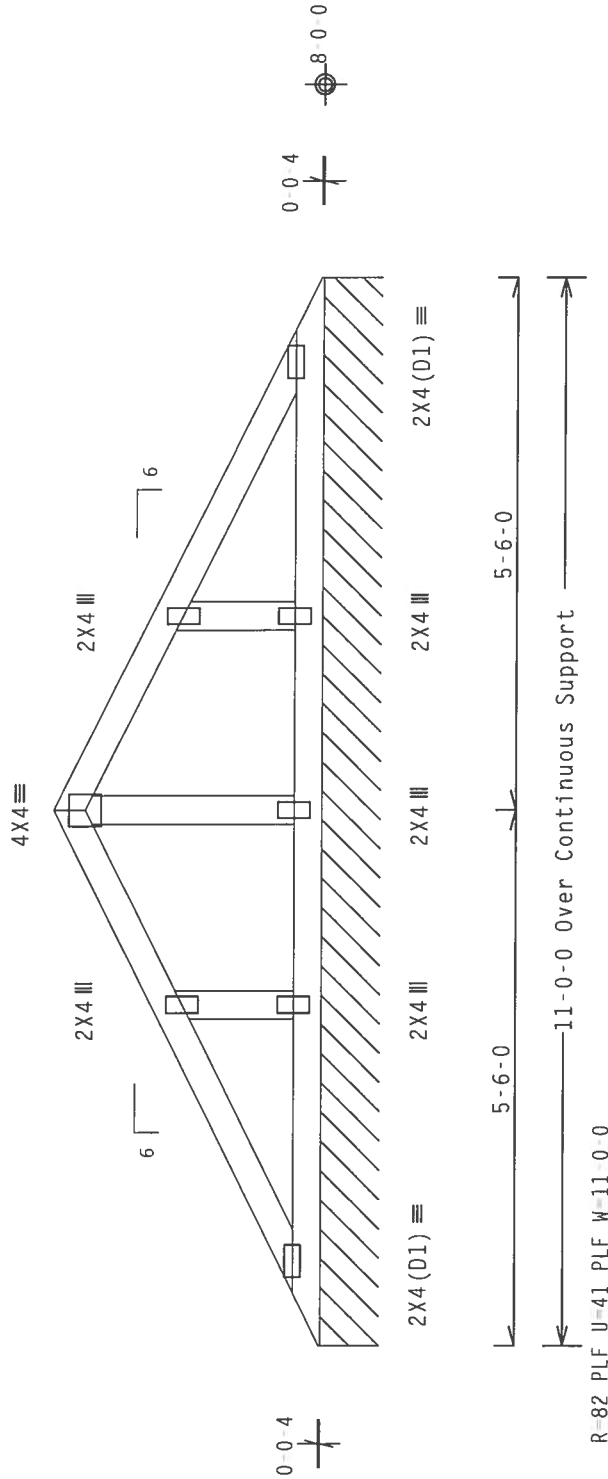
THE BUILDING DESIGNER IS RESPONSIBLE FOR THE DESIGN OF THE ROOF AND CEILING DIAPHRAGMS, GABLE END SHEAR WALLS, AND SUPPORTING SHEAR WALLS. SHEAR WALLS MUST PROVIDE CONTINUOUS LATERAL RESTRAINT TO THE GABLE END. ALL CONNECTIONS TO BE DESIGNED BY THE BUILDING DESIGNER.

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

See DWGS A11015EE0405 & GBLLLETIN0405 for more requirements.

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

The overall height of this truss excluding overhang is 2'-9"-4".

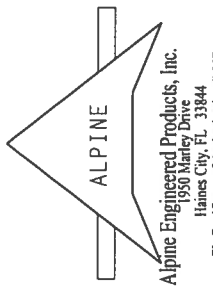


Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave/R

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THE DESIGNER SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (N-J/S/K) ASTM A653 GRADE 40/60 (N, K/J, S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AF&PA A3 OF TPI 2002 SEC.3. A SEAL ON THIS DESIGN SHALL BE THE SUELIABILITY AND RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGNER. THE SUELIABILITY AND RESPONSIBILITY OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

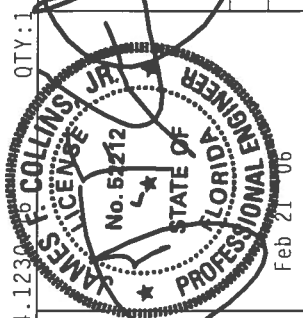


QTY: 1

FL=5'-/-/R/-

Scale = .5" / Ft.

REF	R215 -	73079
DATE	02/21/06	
DRW	HCUSR215	06052001
HC-ENG	EC/WHK	*
SEQN	112249	
FROM	CDM	
JREF	1SUW215	Z01



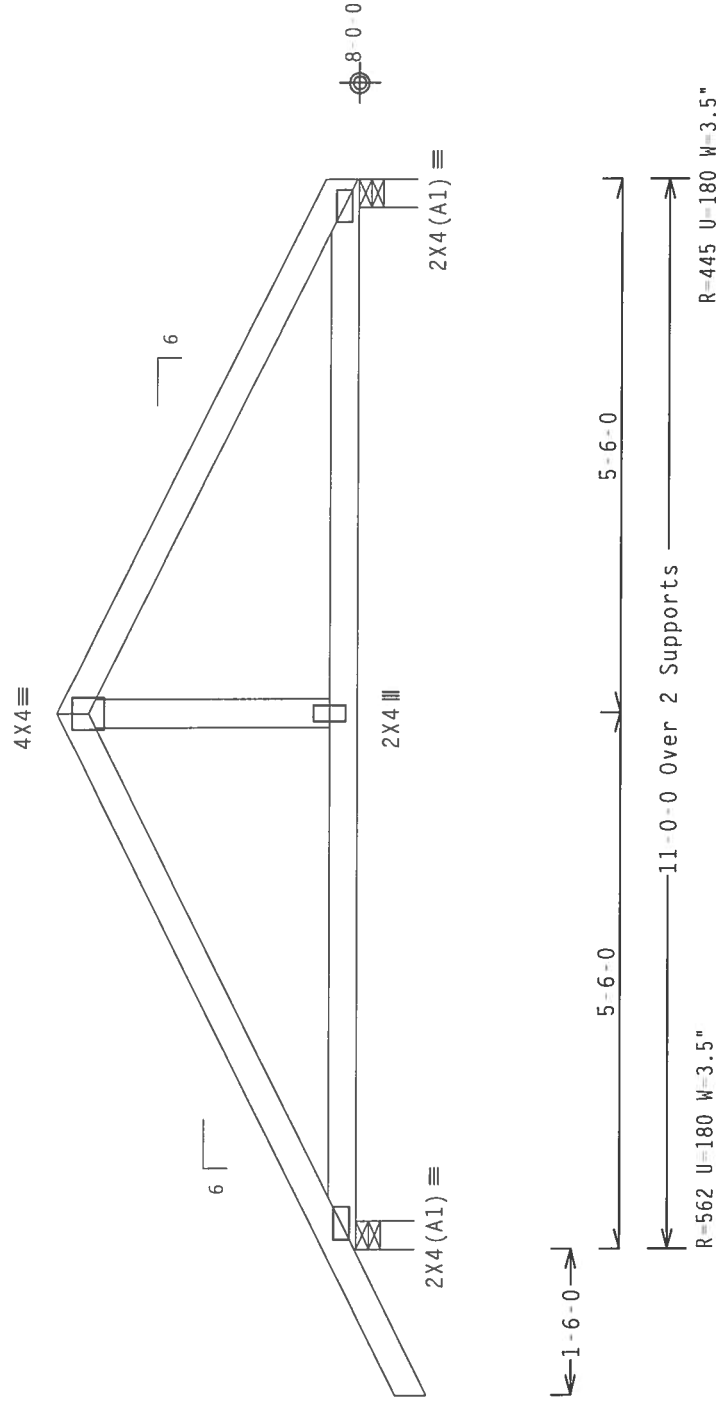
Top chord	2x4	SP	#2 N
Bot chord	2x4	SP	#2 N
Web	2x4	SP	#2 N

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

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

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

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



PLT TYP. Wave\R

Design Crit: TPI-2002(STD)/FBC

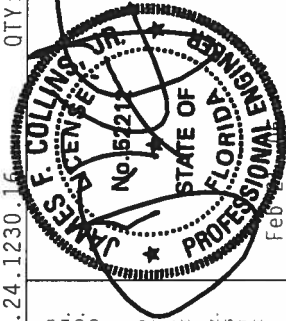
$$Ca/RT = 1.00(1.25)/10(0)$$

7 24 1230 16

0TY·1 EI / - / 5 / - / - / B / - /

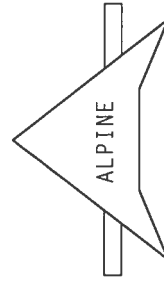
$$\text{Scale} = 5''/\text{ft}$$

TC LL	20.0	PSF	REF	R215--	73080
TC DL	10.0	PSF	DATE	02/21/06	
BC DL	10.0	PSF	DRW	HCUSR215	06052002
BC LL	0.0	PSF	HC-ENG	EC/WHK	*
TOT.LD.	40.0	PSF	SEQN-	112252	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1SUW215	Z01



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. AFTER 10 BESS 1-33 (BULLDOG COMPONENT SALES), TRUSS FAB BY TPI (TRUSS PACE ENTERPRISE, 583 MADISON AVE, SUITE 200, MADISON, IN 46003) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6100 ENTERPRISE DR., SUITE 100, WILMINGTON, DE 19804) HAVE BEEN IDENTIFIED AS THE MANUFACTURERS OF THESE TRUSSES. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED SETTING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERS
PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE
TRUSS IN CONFORMANCE WITH TPI 1. PROVISIONS OF MOD (ORIGINAL DESIGN SPEC. BY ATAPA) AND TPI 2. ALPINE
CONNECTIONS WITH TPI 3. PROVISIONS OF MOD (ORIGINAL DESIGN SPEC. BY ATAPA) AND TPI 4. ALPINE
CONNECTIONS MADE TO TPI 1. PROVISIONS OF MOD (ORIGINAL DESIGN SPEC. BY ATAPA) AND TPI 5. ALPINE
PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING 160A.2.
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT
DESIGN. THE DESIGNER'S ACCEPTANCE OF THIS DESIGN IS NOT A COMMITMENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE
BUILDING DESIGNER PER ANNEX TPI 1. SEC. 2.



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

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

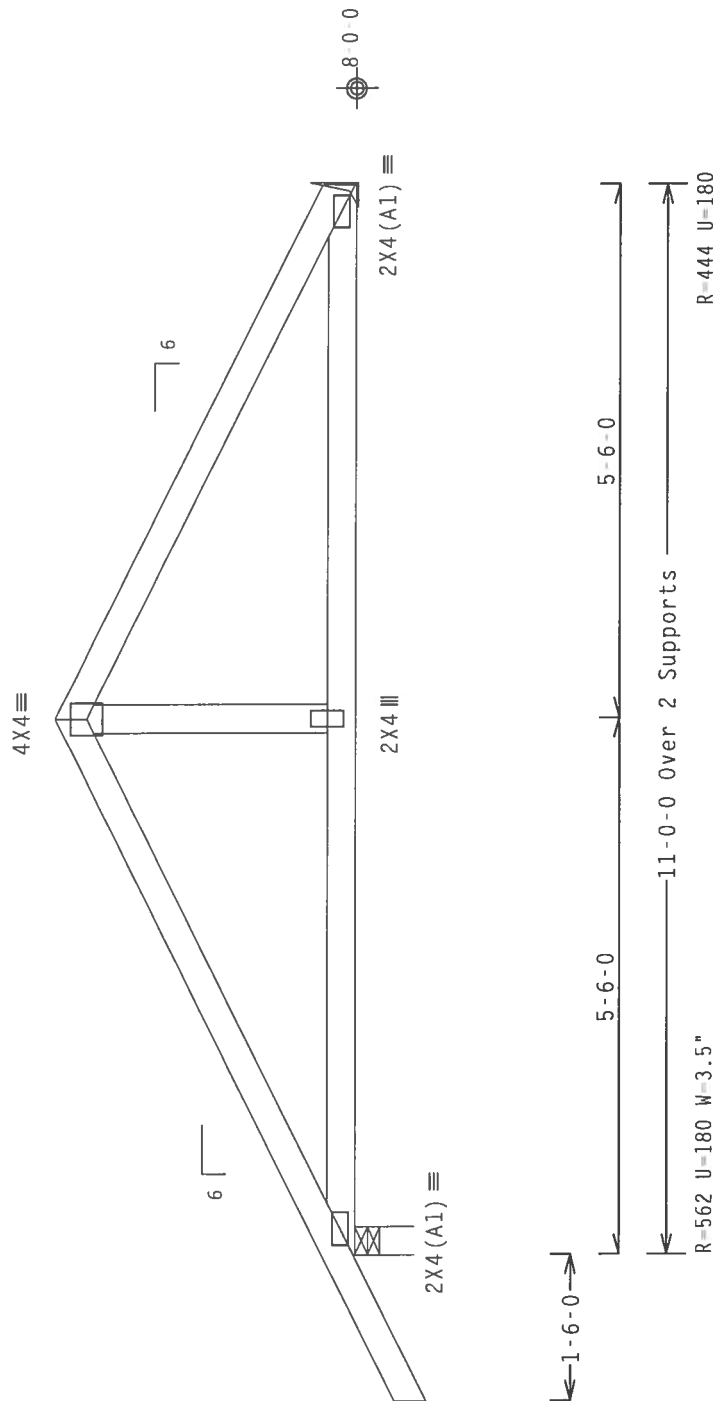
Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

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

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

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

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



PLT TYP. Wave\R

Design Crit: TPI-2002(STD)/FBC

*****WARNING***** THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, CONNECTOR PLATES AND WELDS, PROVISIONS AND/OR DESIGN SPEC., BY ANY P&P AND/OR STEEL ERECTOR, SHALL BE AT THE USER'S RISK AND WITHOUT LIABILITY TO ALPINE ENGINEERED PRODUCTS, INC.

PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS T00L 2.3. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF TPI-1 2002 SEC. 3. A SEAL OR THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT BEING SHOWN. THE SUBMITTER OF ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANS/I/P 1 SEC. 2.



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1950 Marley Drive
Haines City, FL 33844

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FL/-15/-1/-R/- Scale = 5"/Fl.

TC LL	20.0 PSF	REF	R215 - - 73081
TC DL	10.0 PSF	DATE	02/21/06
BC DL	10.0 PSF	DRW	HCUSR215 06052003
BC LL	0.0 PSF	HC-ENG	EC/WHK *
TOT.LD.	40.0 PSF	SEQN-	112256
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1SUW215 Z01

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

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

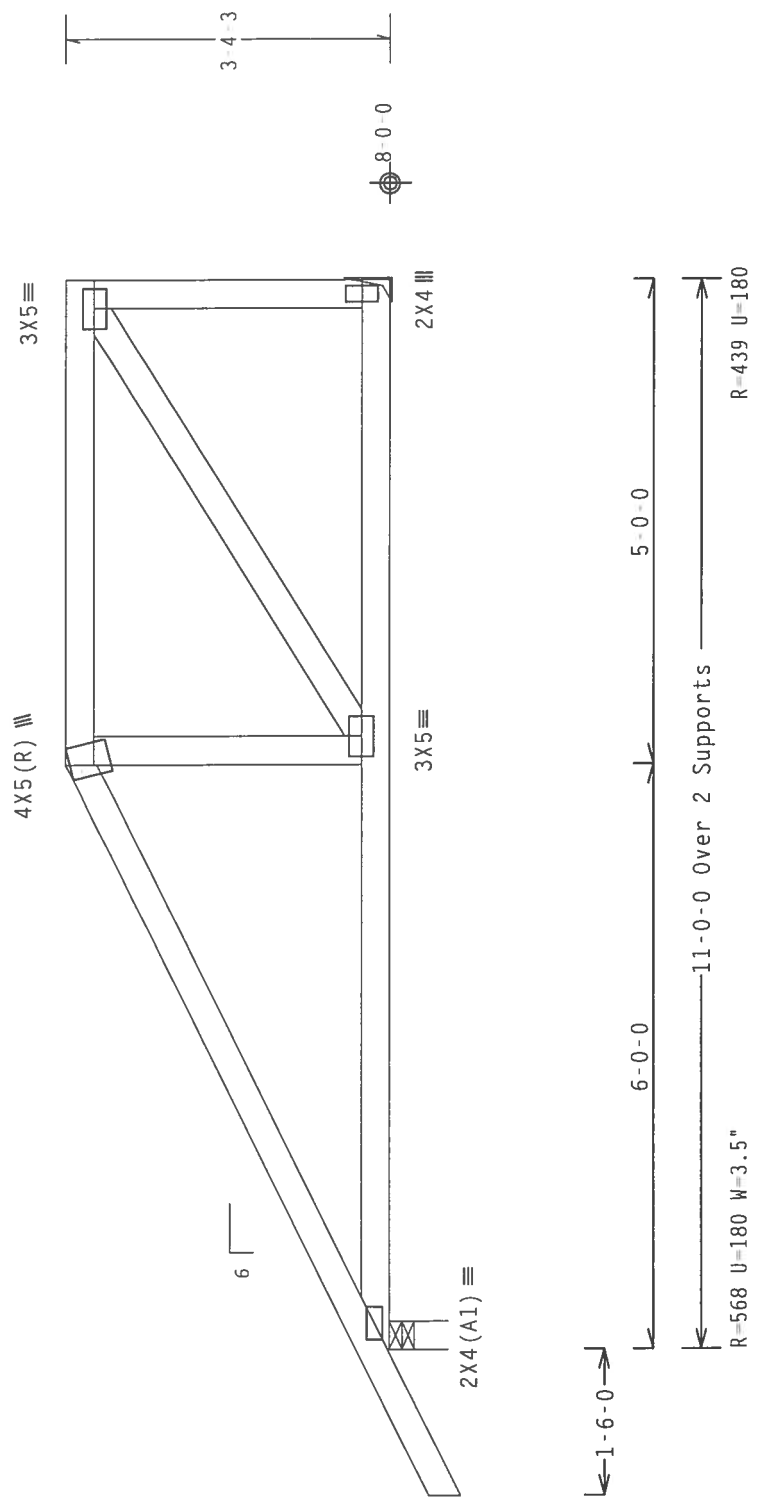
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Right end vertical not exposed to wind pressure.

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

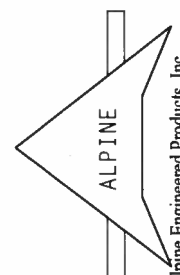
Plates sized for a minimum of 3.00 sq.in./piece.

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



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

Scale = .5" / Ft.



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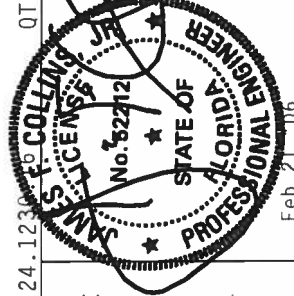
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 983 WILSON AVENUE, SUITE 100, WILSONVILLE, OR 97150-3700, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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

PLT TYP. Wave\R

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

REF	R215 -	73082
DATE	02/21/06	
DRW	HCUSR215	06052004
HC-ENG	EC/WHK	*
SEQN	112261	
FROM	CDM	
JREF	1SUW215_Z01	



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

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

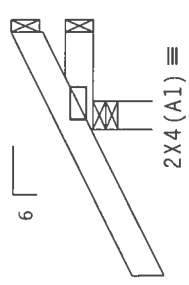
The overall height of this truss excluding overhang is 0-10-3.

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

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

0-10-3

R=53 U=180
R=18 U=180



1-0-0 over 3 Supports

R=254 U=180 W=3.5"

PLT TYP. Wave\R

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

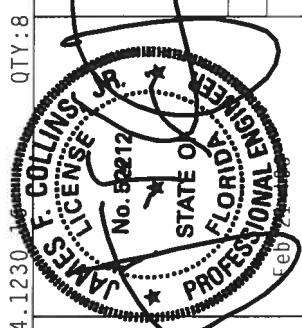
QTY: 8 FL/-/5/-/R/- Scale = .5"/Ft.

REF	R215	-	73083
DATE	02/20/06		
DRW	HCUSR215	06051002	
HC-ENG	EC/AP		
SEQN	106956		
FROM	CDM		
JREF	1SUW215	Z01	

WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 70/18/10GGA (W,H/S/K) ASTM A653 GRADE 40/60 (W, K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DESIGN SIGNIFIES THE DESIGNER'S ACCEPTANCE OF THE DESIGN AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

IMPORTANT** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 70/18/10GGA (W,H/S/K) ASTM A653 GRADE 40/60 (W, K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DESIGN SIGNIFIES THE DESIGNER'S ACCEPTANCE OF THE DESIGN AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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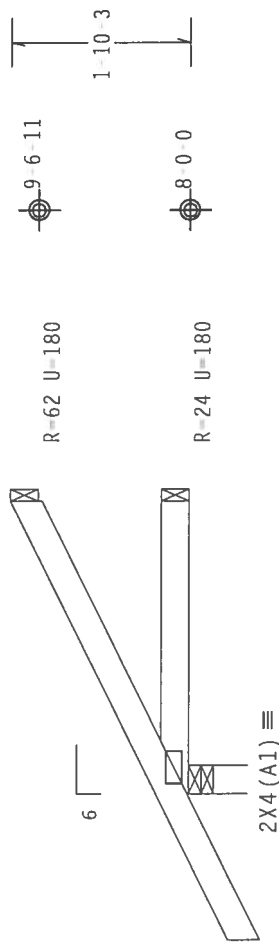
Top chord	2x4	SP	#2	N
Bot chord	2x4	SP	#2	N

110 mph wind, 15.00 ft mean hot, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP 8, 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 $1 \cdot 10 \cdot 3$.


$$\begin{array}{c} \rightarrow \\ 1-6-0 \\ \leftarrow \end{array}$$

$0.5d$ $2-5-8$
 $3-0-0$ Over 3 Supports
 $R=262$ $U=180$ $W=3.5"$

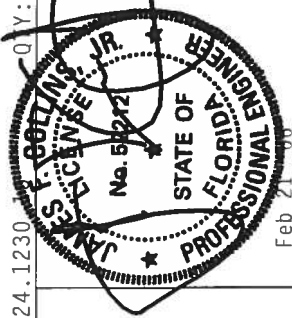
PLT_TYP. Wave\R

Design Crit: TPI-2002(STD)/FBC

[illegible]

ALPINE

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Feb 21 1990

FL/-5/-/-R/-		Scale =.5"/Ft.
TC LL	20.0 PSF	REF R215 -- 73084
TC DL	10.0 PSF	DATE 02/20/06
BC DL	10.0 PSF	DRW HCUSR215 06051044
BC LL	0.0 PSF	HC-ENG EC/AP
TOT.LD.	40.0 PSF	SEQN- 106961
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1SUW215 Z01

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

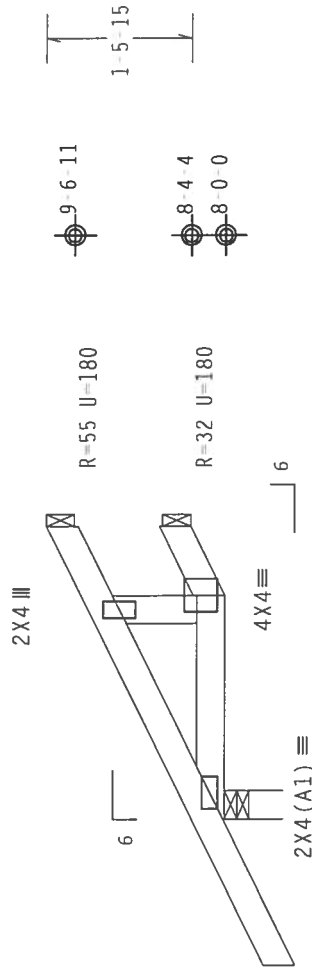
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

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

Shim all supports to solid bearing.

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



7-9-07

2-3-8
3-0-0 Over 3 Supports

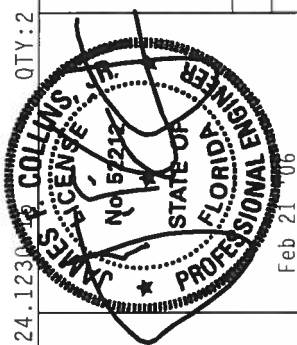
R-262 U=180 W=3.5"

PLT TYP. Wave\ R

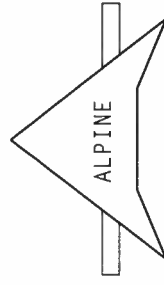
Design Crit: TPI-2002(STD)/FBC
Ca/RT=1.00(1.25)

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

TC LL	20.0 PSF	REF	R215 - 73085
TC DL	10.0 PSF	DATE	02/20/06
BC DL	10.0 PSF	DRW	HCUSR215 06051025
BC LL	0.0 PSF	HC-ENG	EC/AP *
TOT.LD.	40.0 PSF	SEQN-	106979
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1SUW215_Z01



Feb 21 '06



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

FL Certificate of Authorization # 567

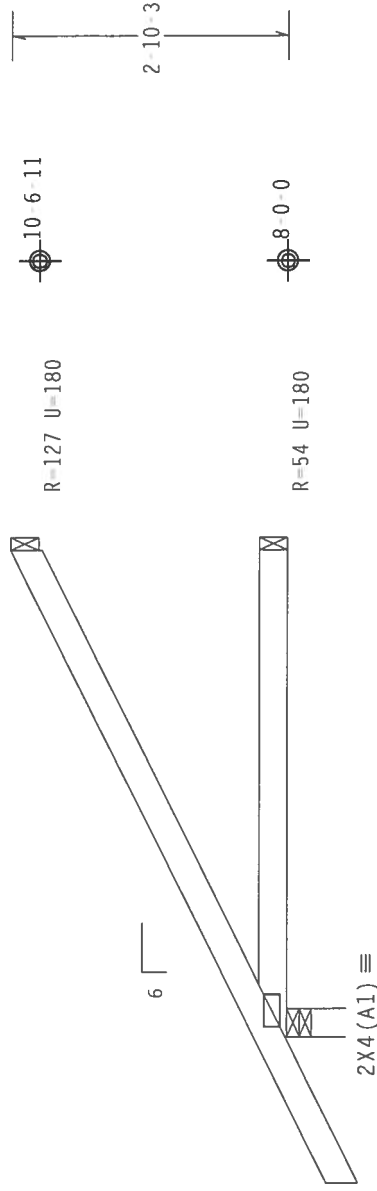
Top chord	2x4	SP	#2 N
Bot chord	2x4	SP	#2 N

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

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

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

The overall height of this truss excluding overhang is 210' 3".



1-6-07

5'-0" 0
5'-0" Over 3 Supports
8'-3 3/4" U 180 W 3.5"

PLT TYP. Wave\R

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

Scale = .5"/Ft.

[illegible]

(3219-Wise Estates Lot 21 /Concept Construction of N - LAKE CITY, FL - JC5A)

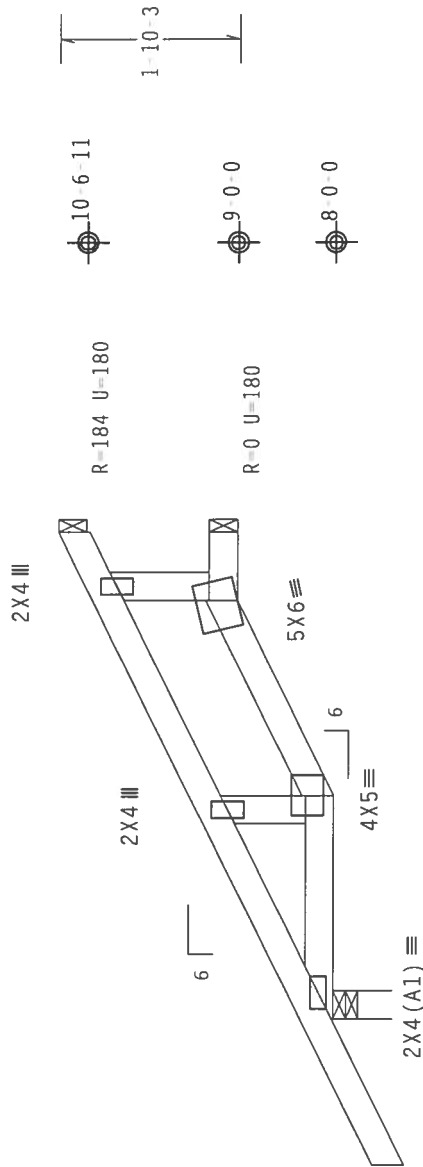
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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

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

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

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



← 1-6-0 →

2-3-8 2-0-0 6-8-8
5-0-0 Over 3 Supports
R=333 U=180 W=3.5"

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave\R

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

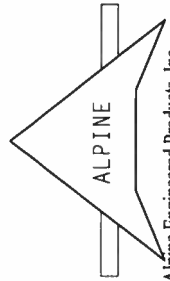
7.24.1230.16

QTY: 3 ELL-15/-1-/R/-

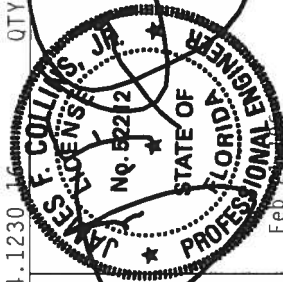
Scale = .5" / Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 583 PIERCE BLVD., SUITE 100, PRATONVILLE, AL 36067, (205) 371-1919, AND MTCA (WOOD TRUSS COUNCIL OF AMERICA, 6500 ENTERPRISE LN., MOUNTAIN VIEW, MS 37137) FOR ADDITIONAL INFORMATION. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERING PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/PA) AND TPI. CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/S/K) ASTM A653 GRADE 40/60 (W. K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 10GA-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEK A3 OF TPI 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



Alpine Engineered Products, Inc.
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REF	R215--	73087
DATE	02/20/06	
DRW	HCUSR215	06051024
HC-ENG	EC/AP	*
SEQN	106982	
FROM	CDM	
JREF	1SUW215_Z01	

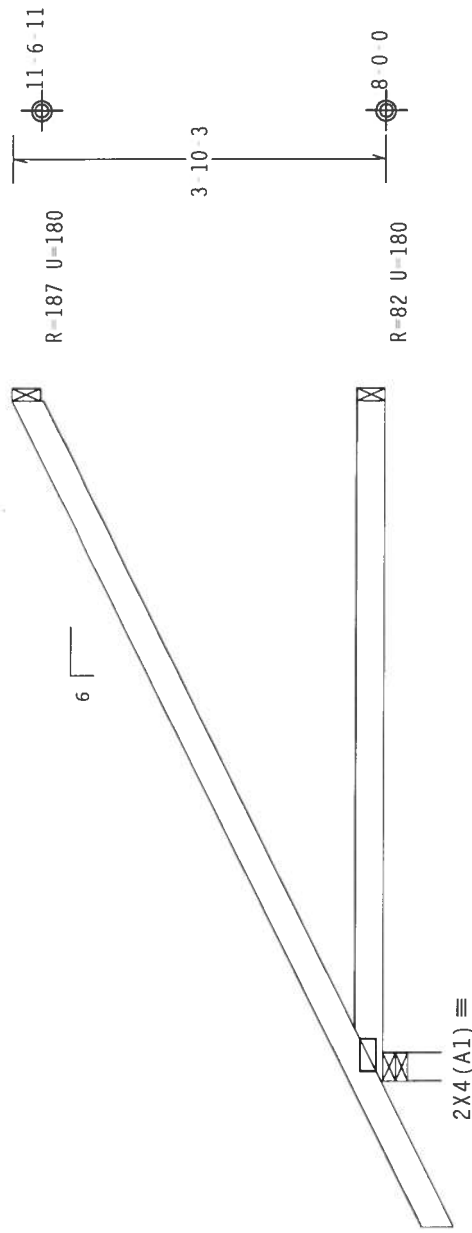
Top chord	2x4	SP	#2 N
Bot chord	2x4	SP	#2 N

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

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

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

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



7-6-07

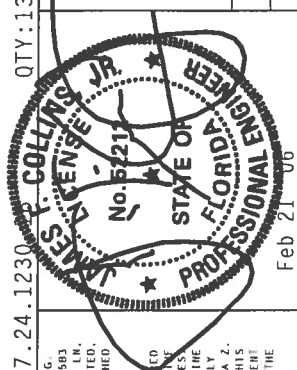
7-0-0
7-0-0 Over 3 Supports
R=408 U=180 W=3.5"

PLT_TYP. Wave\R

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

Scale = .5"/Ft.

TC LL	20.0 PSF	REF	R215 - 73088
TC DL	10.0 PSF	DATE	02/20/06
BC DL	10.0 PSF	DRW	HCUR215 06051003
BC LL	0.0 PSF	HC-ENG	EC/AP
TOT.LD.	40.0 PSF	SEQN	106967
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF	1SUW215_Z01



Haines City, FL 33844
FL Certificate of Authorization # S67

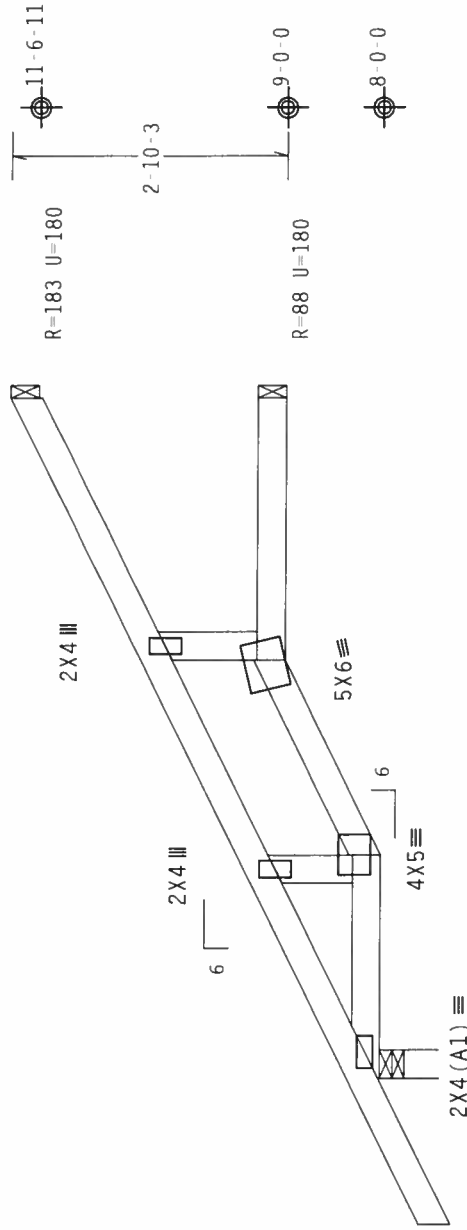
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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

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

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

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



1-6-0

2-3-8 2-0-0 2-8-8
7-0-0 Over 3 Supports
R=410 U=180 W=3.5"

Design Crit: TPI-2002 (STD) / FBC

PLT TYP. Wave\R

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

Scale = .5" / Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. ANY FAILURE TO BUILD TO THE DESIGN OR TO FOLLOW THE INSTRUCTIONS OF THE DESIGNER SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND BRACING OF THE TRUSS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND BRACING OF THE TRUSS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND BRACING OF THE TRUSS.

****IMPORTANT**** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND BRACING OF THE TRUSS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND BRACING OF THE TRUSS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND BRACING OF THE TRUSS.

QTY: 3	FL / - / 5 / - / R / -	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 -	73089
DATE	02/20/06	
DRW	HCUSR215	06051026
HC-ENG	EC/AP	*
SEQN	106985	REV
FROM	CDM	
JREF	1SUW215	Z01

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(3219 - /Wise Estates Lot 21 /Concept Construction of N - LAKE CITY, FL - JE7B)

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 3-10 3.

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

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

Truss diagram showing top and bottom chords, webs, and various dimensions and material specifications. Key dimensions include: 2-3-8, 1-3-8, 3-5-0, 7-0-0 Over 3 Supports, R=410 U-180 W-3.5, 2X4 (A1), 4X5, 5X6, 2X4 III, 6, 3-2-7, R=182 U=180, R=88 U=180, 11-6-11, 8-7-12, 8-0-0.

PLT TYP. Wave \R

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24, 1230 QTY: 1 FL / - / 5 / - / - / R / - Scale = .5" / Ft.

Professional Engineer Seal for James Collins, Jr., State of Florida, License No. 82712.

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Haines City, FL 33844
FL Certificate of Authorization # 567

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 983 MADISON AVE, SUITE 100, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (W. 8/15) GALV. STEEL. ALPINE PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERICAN A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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"

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

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (10d_Box_or_Gun_(0.128"x3",_min.)_nails)

Top Chord: 1 Row @12.00" o.c.

Bot Chord: 1 Row @ 7.50" o.c.

Webs : 1 Row @ 4" O.C.

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

110 mph wind; 15.00 ft mean hgt., ASCE 7-02, CLOSED bldg, not located within 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.

SPECIAL LOADS

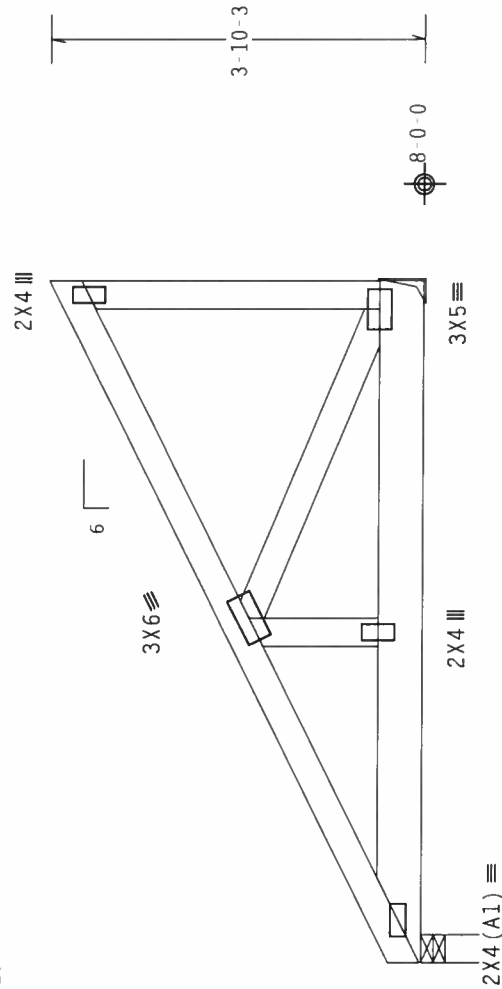
TC	From	62 PLF at 0.00 to	PLATE DUR.FAC.=1.25
BC	From	20 PLF at 0.00 to	62 PLF at 7.00
BC	444 LB Conc.	Load at 2.06,	4.06
BC	439 LB Conc.	Load at 6.06	

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 3-10-3.

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



7-0-0 Over 2 Supports
R=664 U=180 W=3.5"
R=1038 U=180

PLT_TYP: Wave\R

Design Crit: TPI-2002(STD)/FBC

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

Scale = .5"/Ft.

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLATION AND BRACING. REFER TO BECS 1-103 (BUILDING COMPONENT INFORMATION), PUBLISHED BY THE CRUISING PLATE INSTITUTE, 543 D'AMORE DR., SUITE 200, MADISON, WI 53719, AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

REF R215-- 73091

DATE 02/27/06

DRW H0118215 06052005

AMT/JC ENG-JH
00000000000000000000

11C LING EC/WHK
CFON 1122CF

MOB MOB2
CQZ77T -ND3C

FROM CDM

ALPINE

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

FL Certificate of Authorization # 567
Haines City, FL 33844

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

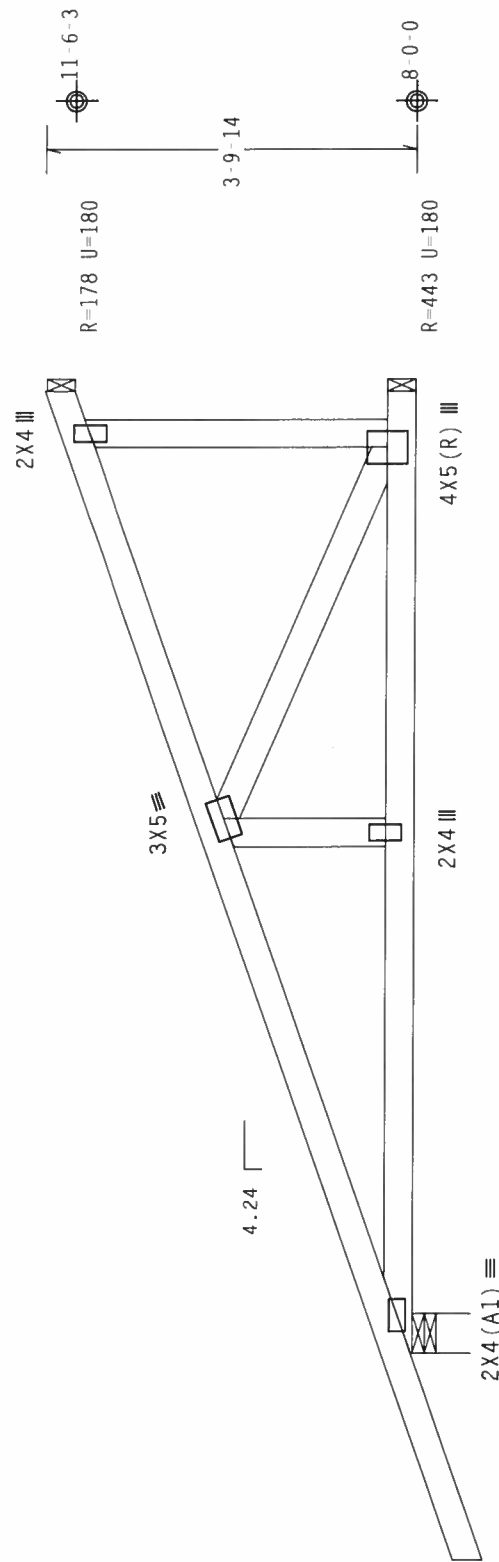
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

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

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

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


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

9-10-13 Over 3 Supports

R=461 U=180 W=4.95"

PLT_TYP: Wave\R

Design Crit: TPI-2002(STD)/FBC

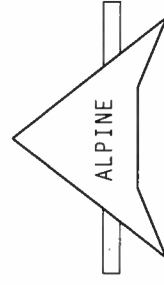
FI 2002 (SIB) / FBC					
Cq/RT=1.00(1.25)/10(0)	7	24	1230	16	

QTY:3 FL/-/5/-/-/R/-/

Scale = .5"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. TO ORDER BK 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE (CRUSS PLATE INSTITUTE, INC., 3000 RICHMOND RD., SUITE 200, MOUNTAIN VIEW, NJ 07046) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., SUITE 100, FARMINGTON, CT 06030) FOR THE LATEST PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED BRACING.

*****IMPORTANT***** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. TRUSS IN CONFORMANCE WITH TPI: OR TABRICATING, HANDLING, SHIPPING, INSTALLATION CONFORMS WITH APPLICABLE REQUIREMENTS OF NDS NATIONAL DESIGN SPEC. FOR WOOD TRUSSES. ALL TRUSSES SHALL BE GRADE 40F00 (C, K1). PLATES TO FACE OF TRUSS AND UNLESS OTHERWISE SPECIFIED, SHALL BE 1/2" THICK. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEK A3 OF TPI 2002 SECTION 10. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SELLER'S DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS BEYOND THE DESIGNER PER ANNEK A1 SEC. 2



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

HALLIES CITY, FL 33844
FL Certificate of Authorization # 567

24.1230.16	QTY: 3	FL/-/5/-/-/R/-	Scale = 5"/Ft.
	TC LL	20.0	PSF
	TC DL	10.0	PSF
	BC DL	10.0	PSF
	BC LL	0.0	PSF
	TOT.LD.	40.0	PSF
	DUR.FAC.	1.25	
	SPACING	SEE ABOVE	
	REF	R215--	73092
	DATE	02/20/06	
	DRW	HCUSR215	06051042
	HC-ENG	EC/AP	
	SEQN-	106976	
	FROM	CDM	
	JREF-	1SUW215	Z01

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

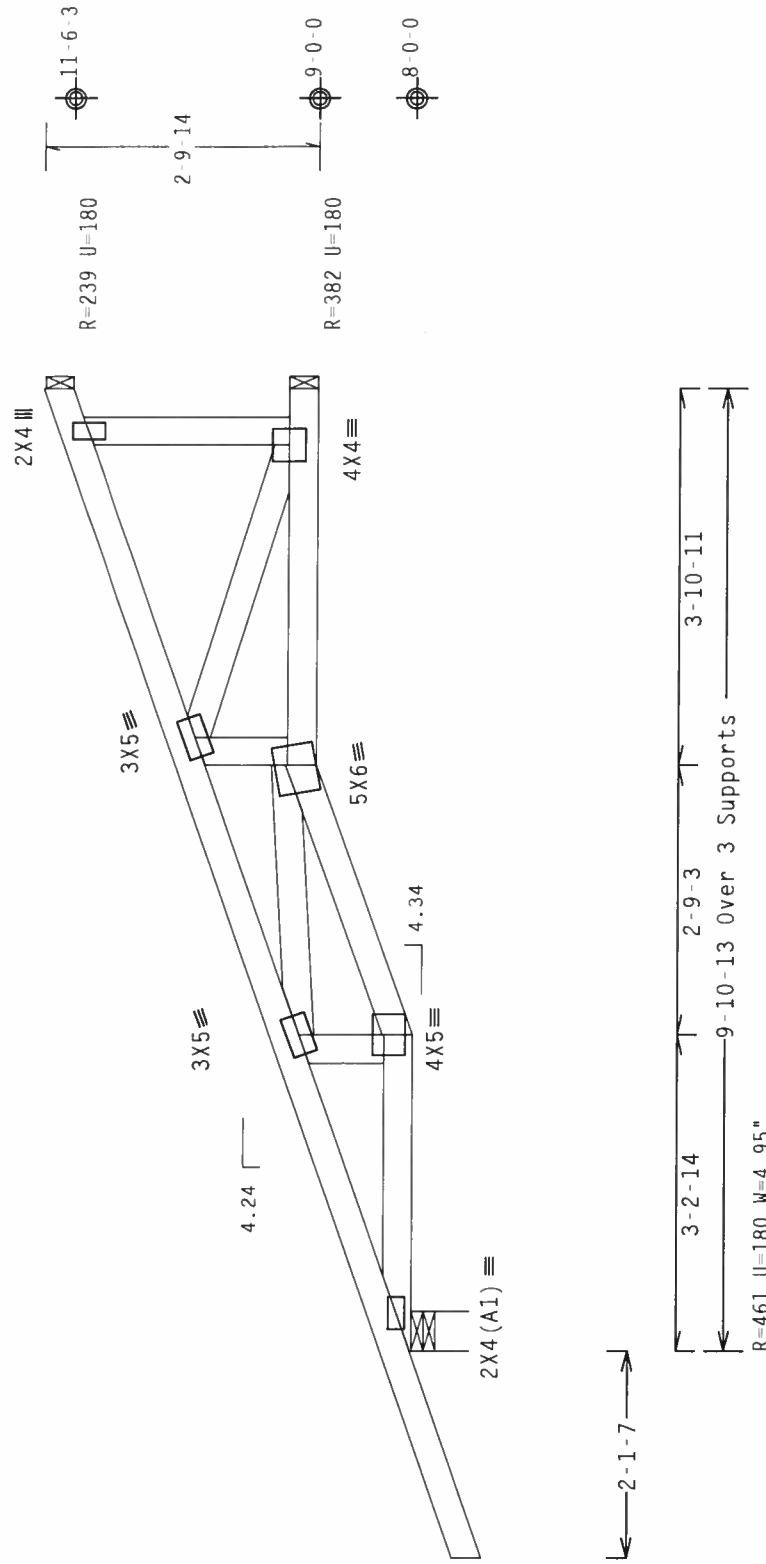
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

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

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

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



PLT_TYP: Wave\R

Design Crit: TPI-2002(STD)/FBC

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

Scale = .5"/Ft.

WARNING BRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DESIG. 103 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (CROSS PLATE TRUSS, INC., 583 MAIN ST., BOX 20, SUITE 200, MADISON, WI 53719) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719) FOR PRECAUTIONS TO BE OBSERVED WHEN PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ACHIEVED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED LIGHT CEILING.

Scale = .3 / FL.
REF R215-- 73093

DATE 02/20/06

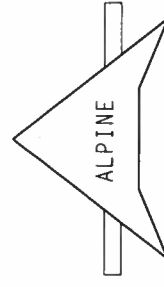
DRW HCUSR215 06051016

HC-ENG EC/AP

SF0N- 106995

SEQN	CDM
10000	

1 KOFI CDH
TREE - 1511121E 701



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

James City, FL 33844
FL Certificate of Authorization # 567

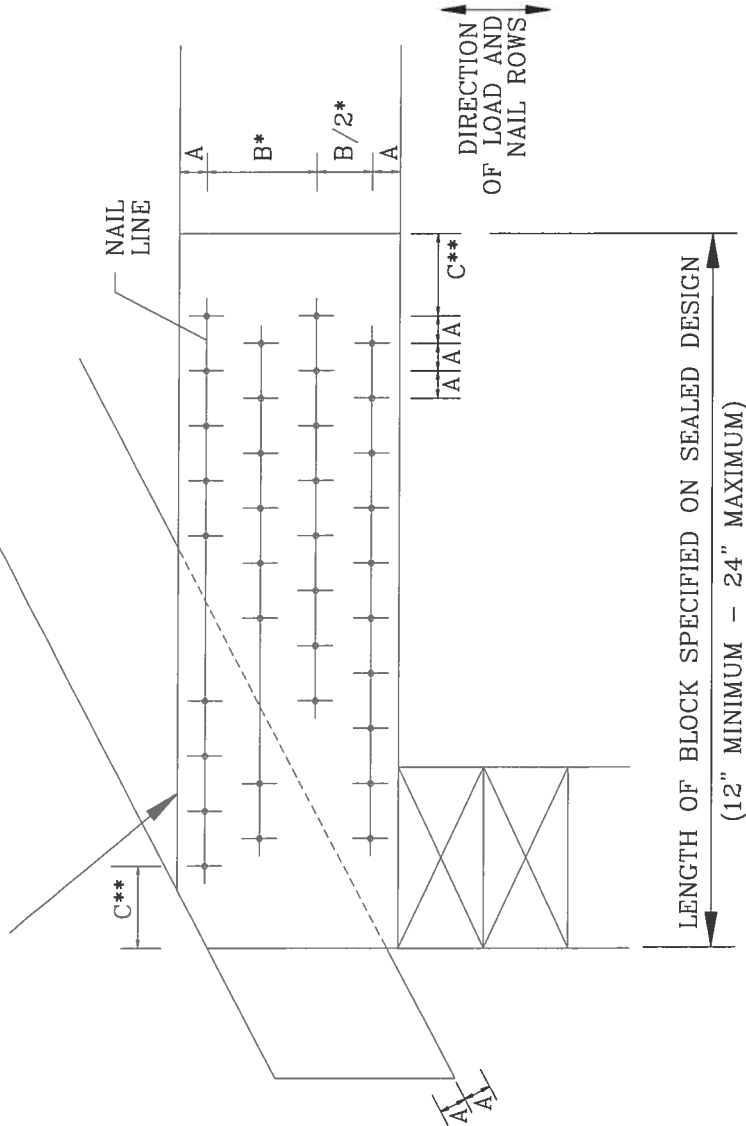
BEARING BLOCK NAIL SPACING DETAIL

MINIMUM SPACING FOR SINGLE BEARING BLOCK IS SHOWN. DOUBLE NAIL SPACINGS AND STAGGER NAILING FOR TWO BLOCKS. GREATER SPACING MAY BE REQUIRED TO AVOID SPLITTING.

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

IF NAIL HOLES ARE PREBORED, SOME SPACING MAY BE REDUCED BY THE AMOUNTS GIVEN BELOW:
• SPACING MAY BE REDUCED BY 50%
• SPACING MAY BE REDUCED BY 33%

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



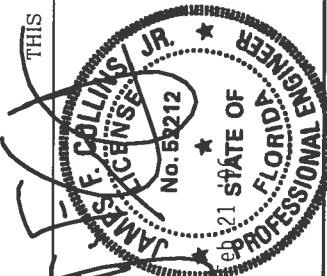
MAXIMUM NUMBER OF NAIL LINES PARALLEL TO GRAIN

NAIL TYPE	CHORD SIZE				
	2X4	2X6	2X8	2X10	2X12
8d BOX (0.113"x2.5")	3	6	9	12	15
10d BOX (0.128"x3")	3	5	7	10	12
12d BOX (0.128"x3.25")	3	5	7	10	12
16d BOX (0.135"x3.5")	3	5	7	10	12
20d BOX (0.148"x4")	2	4	5	6	8
8d COMMON (0.131"x2.5")	3	5	7	10	12
10d COMMON (0.148"x3")	2	4	6	8	10
12d COMMON (0.148"x3.25")	2	4	6	8	10
16d COMMON (0.162"x3.5")	2	4	6	8	10
0.120"x2.5" GUN	3	6	8	11	14
0.131"x2.5" GUN	3	5	7	10	12
0.120"x3.0" GUN	3	6	8	11	14
0.131"x3.0" GUN	3	5	7	10	12

MINIMUM NAIL SPACING DISTANCES

NAIL TYPE	DISTANCES		
	A	B*	C**
8d BOX (0.113"x2.5")	3/4"	1 3/8"	1 3/4"
10d BOX (0.128"x3")	7/8"	1 5/8"	2"
12d BOX (0.128"x3.25")	7/8"	1 5/8"	2"
16d BOX (0.135"x3.5")	7/8"	1 5/8"	2 1/8"
20d BOX (0.148"x4")	1"	1 7/8"	2 1/4"
8d COMMON (0.131"x2.5")	7/8"	1 5/8"	2"
10d COMMON (0.148"x3")	1"	1 7/8"	2 1/4"
12d COMMON (0.148"x3.25")	1"	1 7/8"	2 1/4"
16d COMMON (0.162"x3.5")	1"	2"	2 1/2"
0.120"x2.5" GUN	3/4"	1 1/2"	1 7/8"
0.131"x2.5" GUN	7/8"	1 5/8"	2"
0.120"x3.0" GUN	3/4"	1 1/2"	1 7/8"
0.131"x3.0" GUN	7/8"	1 5/8"	2"

THIS DRAWING REPLACES DRAWING B139 AND CNBRGBLK0699



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

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (W/H/S/K) ASTM A653 GRADE 40/50 (C/D) GALV. STEEL. NAILING IS GOVERNED BY TPI. UNLESS OTHERWISE INDICATED, ALL SHALL BE PER ANNEX A3 OF TPI 1-2002 SEC. 4. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE BY THE PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. PER ANSI/TPI 1 SEC. 2.



ALPINE ENGINEERED PRODUCTS, INC.
POMPAHO BEACH, FLORIDA

REF	BEARING BLOCK
DATE	11/26/03
DRWG	CNBRGBLK1103
-ENG	SJP/KAR

ASCE 7-02: 110 MPH WIND SPEED, 15' MEAN HEIGHT, ENCLOSED, I = 1.00, EXPOSURE C

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
24" 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"	
			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"
	HF	STANDARD	3' 9"	5' 2"	5' 2"	6' 9"	6' 9"	9' 1"	9' 1"	10' 7"	10' 7"	14' 0"	14' 0"	
			#1	4' 3"	6' 8"	7' 2"	7' 11"	8' 6"	9' 5"	10' 2"	12' 5"	13' 5"	14' 0"	14' 0"
			#2	4' 2"	6' 8"	7' 2"	7' 11"	8' 6"	9' 5"	10' 2"	12' 5"	13' 5"	14' 0"	14' 0"
24" O.C.	DFL	#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"
			STANDARD	3' 10"	5' 3"	5' 3"	6' 11"	6' 11"	9' 4"	9' 4"	10' 10"	10' 10"	14' 0"	14' 0"
	SPF	#1 / #2	4' 5"	7' 8"	7' 10"	9' 1"	9' 4"	10' 10"	11' 1"	14' 0"	14' 0"	14' 0"	14' 0"	
			#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"
16" O.C.	HF	STANDARD	4' 4"	6' 4"	6' 4"	8' 4"	8' 4"	10' 10"	10' 10"	12' 11"	12' 11"	14' 0"	14' 0"	
			#1	4' 10"	7' 8"	8' 3"	9' 1"	9' 9"	10' 10"	11' 8"	14' 0"	14' 0"	14' 0"	14' 0"
			#2	4' 9"	7' 8"	8' 3"	9' 1"	9' 9"	10' 10"	11' 8"	14' 0"	14' 0"	14' 0"	14' 0"
	SP	#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"
			STANDARD	4' 5"	6' 5"	6' 5"	8' 6"	8' 6"	10' 10"	11' 1"	13' 3"	13' 3"	14' 0"	14' 0"
16" O.C.	DFL	#1 / #2	4' 11"	8' 5"	8' 8"	10' 0"	10' 3"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"	
			#3	4' 9"	8' 5"	8' 5"	10' 0"	10' 0"	11' 11"	11' 11"	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"
	SPF	STANDARD	4' 9"	7' 3"	7' 3"	9' 7"	9' 7"	11' 11"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"	
			#1	5' 4"	8' 5"	9' 1"	10' 0"	10' 9"	11' 11"	12' 10"	14' 0"	14' 0"	14' 0"	14' 0"
			#2	5' 3"	8' 5"	9' 1"	10' 0"	10' 9"	11' 11"	12' 10"	14' 0"	14' 0"	14' 0"	14' 0"
12" O.C.	HF	#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' 5"	10' 0"	10' 6"	11' 11"	12' 6"	14' 0"	14' 0"	14' 0"	14' 0"
			STANDARD	4' 11"	7' 5"	7' 5"	9' 10"	9' 10"	11' 11"	12' 3"	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 TC DEAD LOAD).

GABLE END SUPPORTS LOAD FROM 4' 0"

OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" PLYWOOD OVERHANG

ATTACH EACH "L" BRACE WITH 10d NAILS

* FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C.

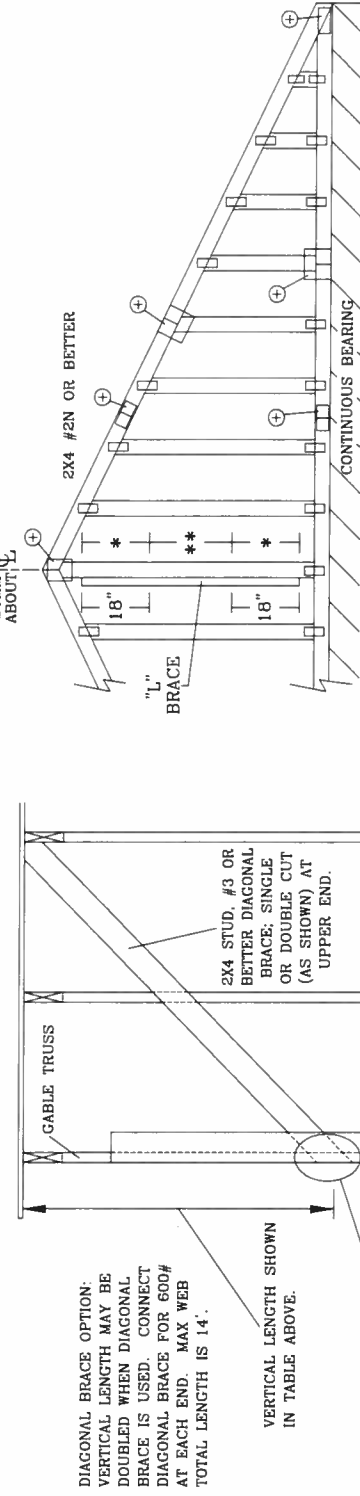
IN 18" END ZONES AND 4" O.C. BETWEEN ZONES

**** FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C. IN 18" END ZONES AND 6" O.C. BETWEEN ZONES.**

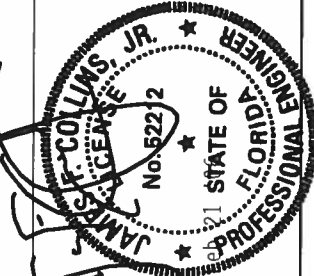
"L" BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH.

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

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



REFER TO CHART ABOVE FOR MAX GAB/F. VERTICAL. LENGTH



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND ERECTING. BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PLATE) INSTITUTE, 19810 MIDWAY, SUITE 100, WILSONVILLE, OREGON 97158, 503-670-8300, IS A MUST FOR ALL OF AMERICA. 6300 ENTERPRISE LN, MADISON, WI 53719, FOR SAFETY PRACTICES, AVOID ROSS COMPANY'S STRUCTURAL PANELS UNLESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID JOINTING.

IMPORTANT: FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERING PRODUCTS, INC. SHALL BE RESPONSIBLE FOR THE DESIGN, FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLATION, BUILDING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECT PLATES ARE MADE OF 20/18/16GA (W/H/S/A) ASTM A653 GRADE 40/60 (W/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED IN THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (C) SHALL BE PROFESSIONAL ENGINEERING RESPONSIBILITY. SEE TPI FOR THE DRAWING INDICATES ACCEPTANCE OF THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.

REF	ASCE7-02-GABI1015
DATE	04/15/05
DRWG	A11015EE0405
-ENG	
MAX. TOT. LD.	60 PSF
MAX. SPACING	24.0"

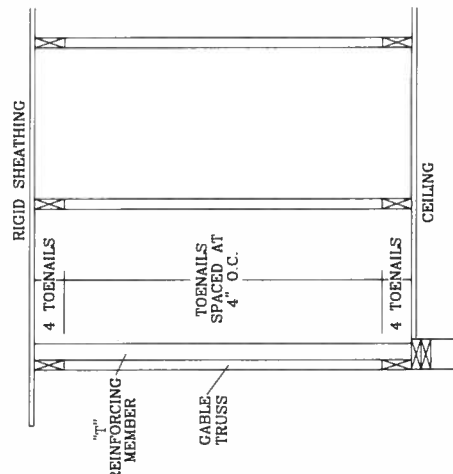
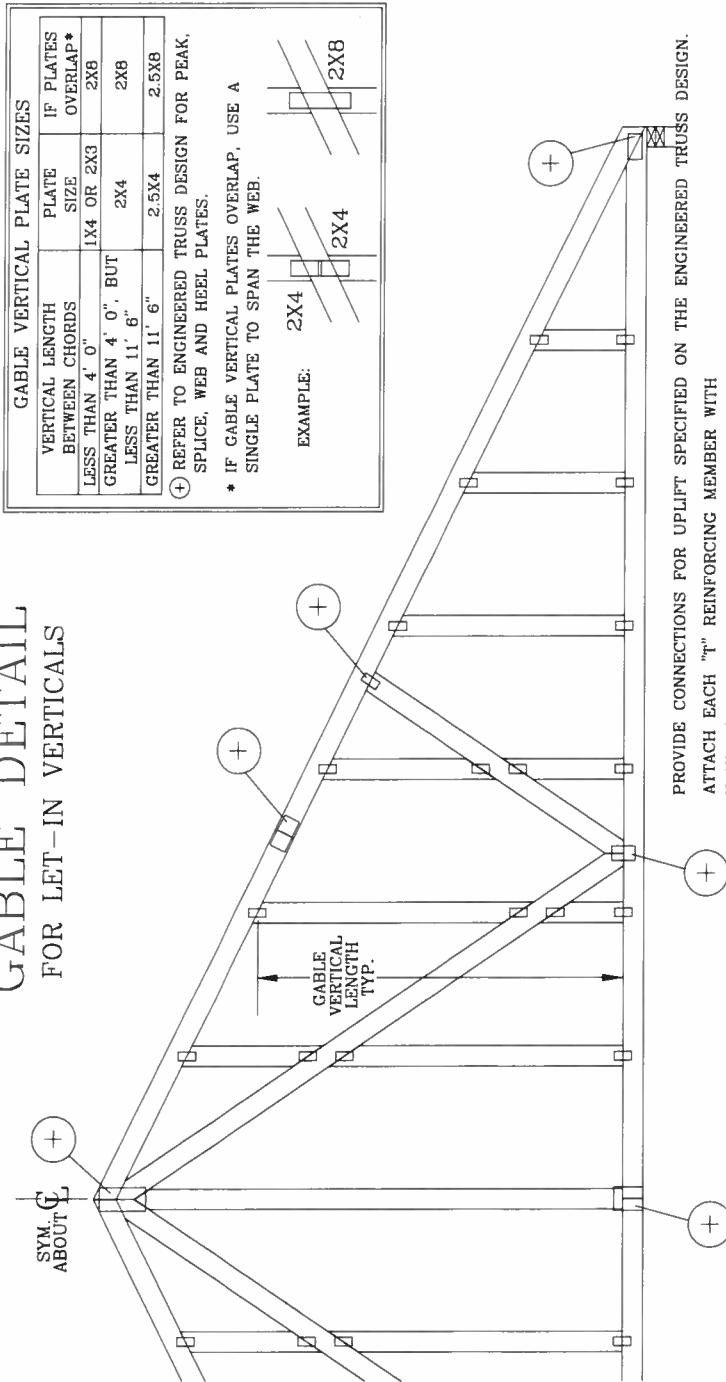


ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

GABLE DETAIL FOR LET-IN VERTICALS

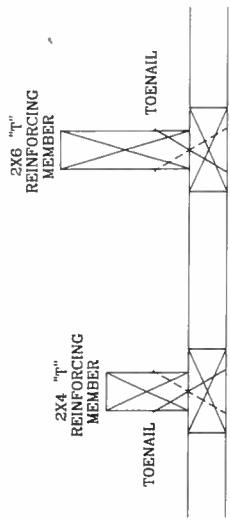
GABLE VERTICAL PLATE SIZES			
VERTICAL LENGTH BETWEEN CHORDS	PLATE SIZE	IF PLATES OVERLAP*	
LESS THAN 4' 0"	1X4 OR 2X3	2X8	
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2X4	2X8	
GREATER THAN 11' 6"	2.5X4	2.5X8	

(+) REFER TO ENGINEERED TRUSS DESIGN FOR PEAK,
 SPLICE, 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 NAILS:
 10d COMMON (0.148" X 3.1" MIN) TOENAILS AT 4" O.C. PLUS
 (4) 16d COMMON (0.162" X 3.5" MIN) TOENAILS IN TOP AND BOTTOM CHORD.
 GUN DRIVEN NAILS:
 8d COMMON (0.131" X 2.5" MIN) TOENAILS AT 4" O.C. PLUS
 (4) TOENAILS IN TOP AND BOTTOM CHORD.

THIS DETAIL TO BE USED WITH THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE
 OR SBCCI WIND LOAD.
 ASCE 7-93 GABLE DETAIL DRAWINGS
 A10015EN1103, A10015EN1103, A08015EN1103, A07015EN1103
 A11030EN1103, A10030EN1103, A09030EN1103, A08030EN1103, A07030EN1103
 ASCE 7-98 GABLE DETAIL DRAWINGS
 A13015EC1103, A12015EC1103, A11015EC1103, A10015EC1103, A08515EC1103
 A13030EC1103, A12030EC1103, A11030EC1103, A10030EC1103, A08530EC1103
 ASCE 7-02 GABLE DETAIL DRAWINGS
 A13015EE0405, A12015EE0405, A11015EE0405, A10015EE0405, A08515EE0405,
 A13030EE0405, A12030EE0405, A11030EE0405, A10030EE0405, A08530EE0405
 SEE APPROPRIATE ALPINE GABLE DETAIL (ASCE OR SBCCI
 WIND LOAD) FOR MAXIMUM UNREINFORCED GABLE
 VERTICAL LENGTH.



TO CONVERT FROM "L" TO "T" REINFORCING MEMBERS,
 MULTIPLY "T" FACTOR BY LENGTH (BASED ON GABLE
 VERTICAL SPECIES, GRADE AND SPACING) FOR (1)
 2X4 "L" BRACE, GROUP A, OBTAINED FROM THE
 APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR
 SBCCI WIND LOAD.
 MAXIMUM ALLOWABLE "T" REINFORCED GABLE VERTICAL
 LENGTH IS 14' FROM TOP TO BOTTOM CHORD.

WEB LENGTH INCREASE W/ "T" BRACE			
WIND SPEED AND MRH	"T" REINFORCING MEMBER 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"

ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND
 BRACING. REFER TO BCS1 I-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS
 PLATE INSTITUTE, 583 DODFORD DR., SUITE 200, MADISON, WI 53719) AND WTCA (WOOD TRUSS COUNCIL
 OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING
 THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED
 STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.
 IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED
 PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO
 BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING OR
 BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC,
 BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/S/K) ASTM A653 GRADE
 40/60 (W/K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED
 ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (D) SHALL
 BE PER ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF
 PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE
 DESIGNER ASSUMES ALL LIABILITY FOR THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING
 DESIGNER, PER ANSI/TPI 1 SEC. 2.

DRAWING REPLACES DRAWINGS GAB98117 876,719 & HC26294035
 REF LET-IN VERT
 DATE 04/14/05
 DRWG GBLLETIN0405
 -ENG DLJ/KAR
 MAX TOT. LD. 60 PSF
 DUR. FAC. ANY
 MAX SPACING 24.0"

CLB WEB BRACE SUBSTITUTION

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

NOTES:

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

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

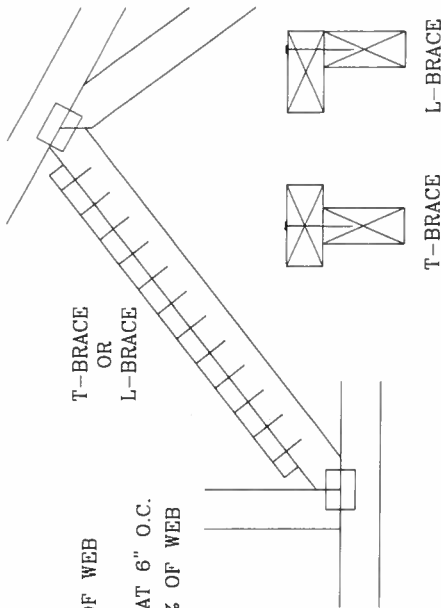
WEB MEMBER SIZE	SPECIFIED CLB BRACING	T OR L-BRACE	ALTERNATIVE BRACING
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

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

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

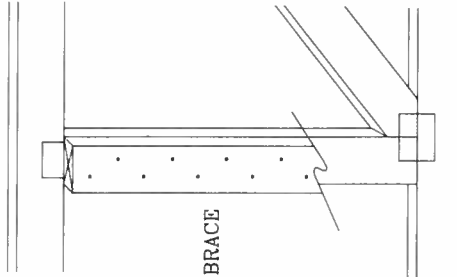
T-BRACING
OR
L-BRACING:

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



SCAB BRACING:

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



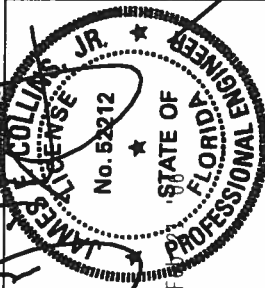
THIS DRAWING REPLACES DRAWING 579.640

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

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/S/K) ASTM A653 GRADE 50/60 (W/K/S) GALVALUME STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED OR NOTED OTHERWISE, BRACING LOCATES FOLLOWED BY (C) SHALL BE PER ANNEX A3 OF TPI 1-2002 SECTION 10. THE DESIGNER SHALL BE RESPONSIBLE FOR THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.



ALPINE ENGINEERED PRODUCTS, INC.
POMPAHO BEACH, FLORIDA



TC LL	PSF	REF	CLB SUBST.
TC DL	PSF	DATE	11/26/03
BC DL	PSF	DRWG	BRLCLSUB1103
BC LL	PSF	-ENG	MLH/KAR
TOT. LD.	PSF		
DUR. FAC.	PSF		
BRACING	PSF		