

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:1SYU215-Z0212170740

Truss Fabricator: W.B. Howland
Job Identification: 3683-/MORRISON /SUWANNEE RIVER LOG HOMES -- , **
Truss Count: 11
Model Code: Florida Building Code 2004
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Version 7.25.
Structural Engineer of Record: The identity of the structural EOR did not exist as of
Address: the seal date per section 61G15-31.003(5a) of the FAC
Minimum Design Loads: Roof - 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

Details: BRCLBSUB-A11015EE-GBLLETIN-

#	Ref	Description	Drawing#	Date
1	66308--TR-1		06193005	07/12/06
2	66309--TR-2		06193006	07/12/06
3	66310--TR-GE4		06193007	07/12/06
4	66311--TR-4		06193008	07/12/06
5	66312--TR-GDR4		06193015	07/12/06
6	66313--TR-3		06193009	07/12/06
7	66314--TR-GDR1		06193014	07/12/06
8	66315--TR-3		06193010	07/12/06
9	66316--TR-3		06193011	07/12/06
10	66317--TR-GE3		06193012	07/12/06
11	66318--TR-GE2		06193013	07/12/06

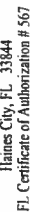


Seal Date: 07/12/2006

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



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

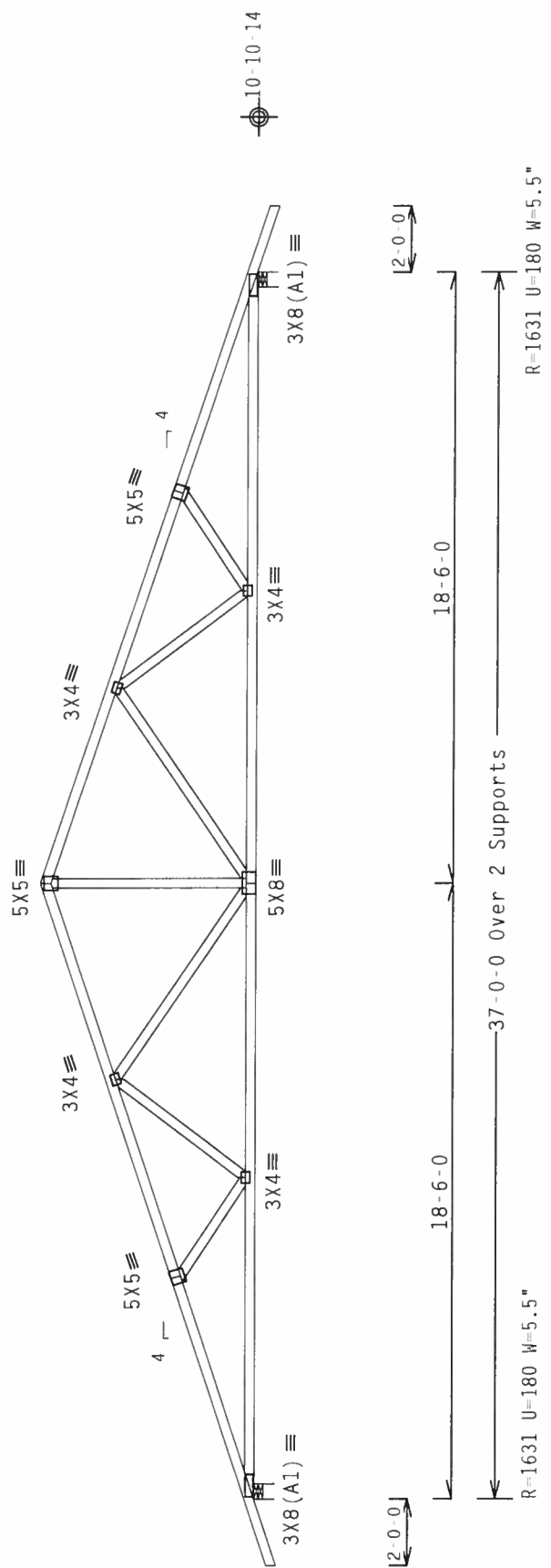


Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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/240 live and L/180 total load.

The overall height of this truss excluding overhang is 6'-5.15."



Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0) 7.25.0503.00

Scale = .1875"/Ft.

QTY: 18	FL: - / 5 - / - / R / -	20.0 PSF	REF R215 - - 66309
TC DL		10.0 PSF	DATE 07/12/06
BC DL		10.0 PSF	DRW HCUSR215 06193006
BULL		0.0 PSF	HC-ENG RK/WHK *
TOT.LD.		40.0 PSF	SEQN- 21105
DUR.FAC.		1.25	FROM LRB
SPACING		24.0"	JREF 1SYU215 Z02

****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 AND BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI1. ALPINE CONNECTOR PLATES ARE MADE OF 70/10/16GA (M/H/S/P) 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 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/TPI 1 SEC. 2.

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

JAMES E. POLLING, P.E.
No. 62212
STATE OF FLORIDA
PROFESSIONAL ENGINEER

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.

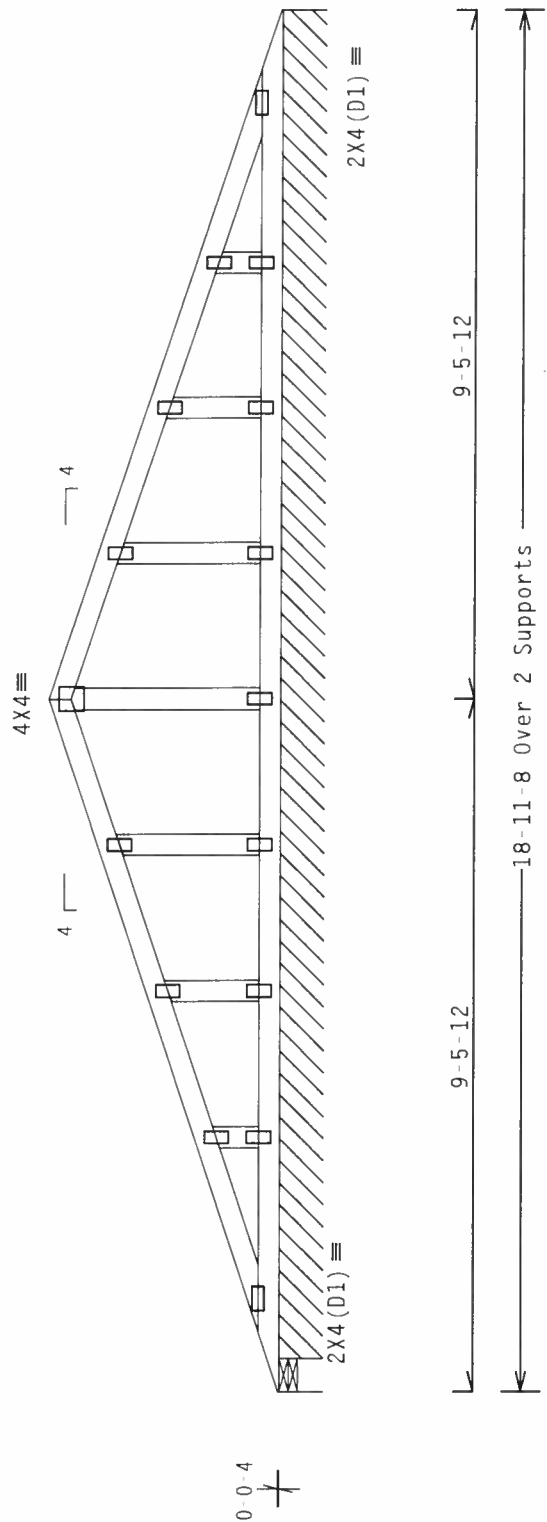
Gable end supports 8" max rake overhang.

See DWGS A11015EE0405 & GBLLETIN0405 for more requirements.

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

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

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.



R=69 U=180 W=5.5"
R=78 PLF U=18 PLF W=18-6-0

Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

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

QTY:1

FL/-/5/-/R/-

Scale = .375"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCS1 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 MADISON, WISCONSIN, 53718), AND HCA (WOOD TRUSS COUNCIL OF AMERICA, 6500 ENTERPRISE LN., MADISON, WISCONSIN, 53718). TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE 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 AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 70/18/16GA (W/H/S/K) ASTM A653 GRADE 40/60 (M. K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 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 HEREIN IS THE SIGNATURE AND SEAL OF THE DESIGNER. THE SIGNATURE AND SEAL OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE
Engineering Products, Inc.
1950 Marley Drive
Haines City, FL 33844
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Y. COLLINS, JR.
P.E. LICENSE NO. 82227
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Jul 12 '06

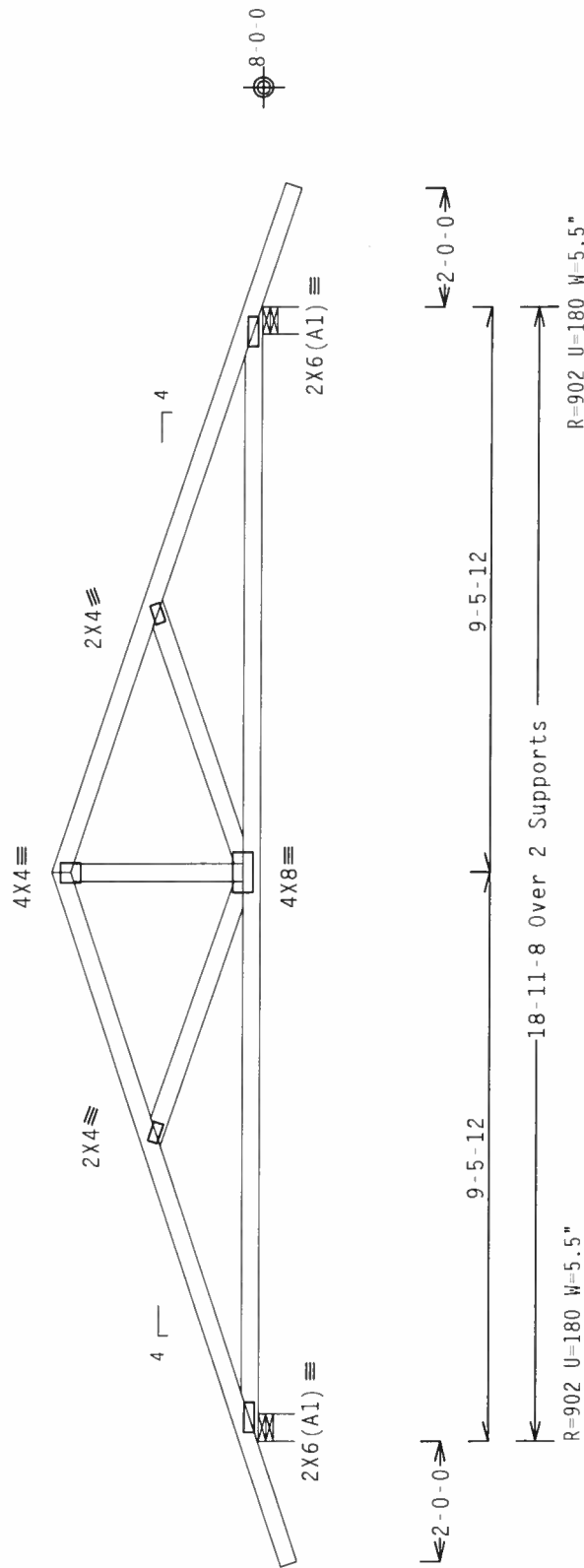
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DATE	07/12/06	
DRW	HCUSR215	06193007
HC-ENG	RK/WHK	
SEQN-	21146	
FROM	LRB	
JREF-	1SYU215_Z02	

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/240 live and L/180 total load.

The overall height of this truss excluding overhang is 3-5-14.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

****WARNING**** THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RETURN TO BEST 103 (BUILDING COMPONENT SYSTEM INFORMATION), PUBLISHED BY THE (CRUISS) PLATE INSTITUTE, 583 W. 10TH ST., SUITE 100, DENVER, CO 80202. OR (4000) PRESS COUNCIL OF AMERICA, 6300 UNIVERSITY DR., MADISON, WI 53719. FOR SAFETY PRACTICES PRIOR TO PLACING THESE THUSSES, UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

DESIGN OF TRUSS (10/17/80) Cq (PT=1.00(1.25)/10(0) 7.

*****WARNING**** TRUSSES REQUIRE EXTENSIVE CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESS 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 4000 FORD DR., SUITE 200, MADISON, WI 53719, AND TPI (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE DR., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PICKUP. THESE FUNCTIONS, UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID BEAMING.

*****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 2017/1818 (GA. 4017/502) ASTM A563 GRADE 40/60 (40, 40/1.5) GALV. STEEL. APPLY ALL INSPECTION OF PLATES FOLLOWED BY SHIPMENT. THESE TRUSSES ARE DESIGNED FOR TRUSSES 100A 2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENTS OF THE BUILDING. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AHS/TP1 1 SEC. 2.

Scale = .3125"/Ft.

TC LL	20.0	PSF	REF	R215--	66311
TC DL	10.0	PSF	DATE	07/12/06	
BC DL	10.0	PSF	DRW	HCUSR215	06193008
BC LL	0.0	PSF	HC-ENG	RK/WHK	*
TOT.LD.	40.0	PSF	SEQN-	21110	
DUR.FAC.	1.25		FROM	LRB	
SPACING	24.0"		JREF-	1SYU215_Z02	



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	Top	Bot	Top	Bot
Chord	2x4	2x6	2x4	2x6
Web	SP	SP	SP	SP
	#2	SS	#2	SS

Webs 2x4 SP #2 N

Special loads

SPECIAL LOADS
----- LUMBER DUB FAC

TC - From 61 PLF at

TC	From	61 PLF at
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10
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99	99	99
100	100	100

BC	From	20 PLF at
BC	979 LB Conc.	Loc

The overall height of this truss excluding overhang is 3-5-14.


$$\sigma_{\text{calc}} = 37.5 \text{ MPa}$$

BC LL	0.0	PSF	HC-ENG RK/WHK
TOT.LD.	40.0	PSF	SEQN- 21140
DUR.FAC.	1.25		FROM LRB
SPACING	24.0"		JREF 1SYU215 Z02

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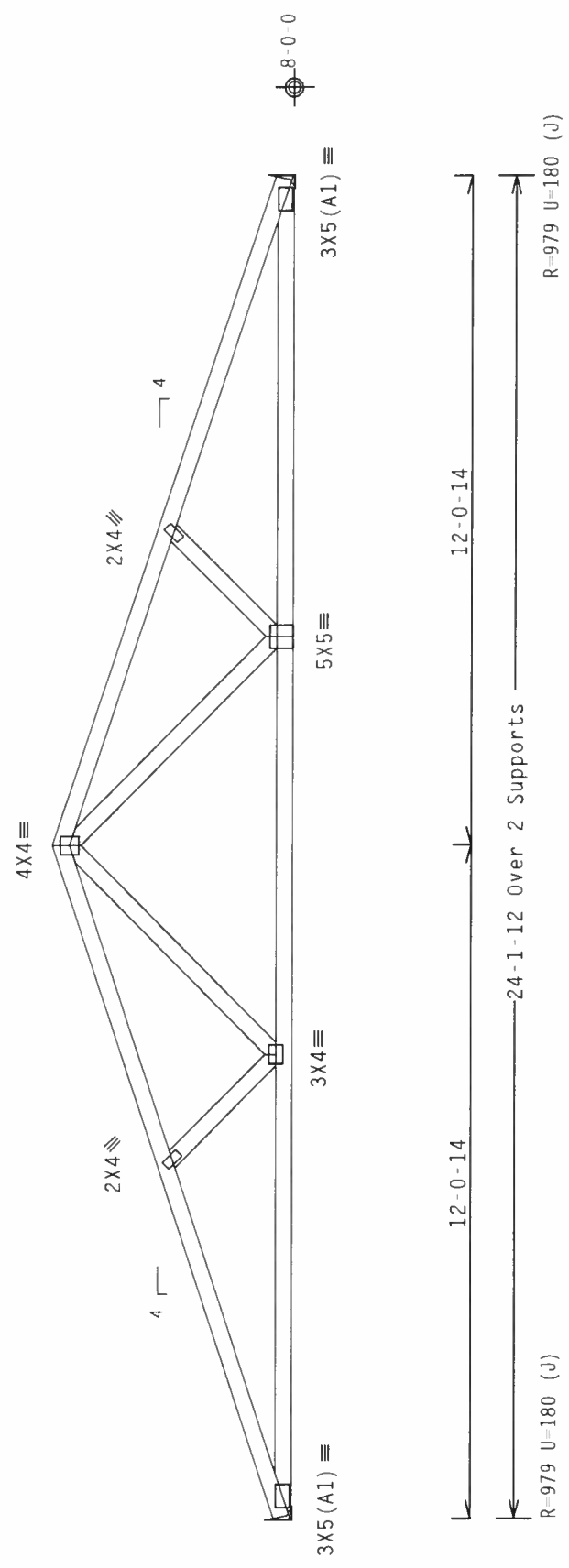
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

(J) hanger connection must be designed for minimum reaction and uplift shown. All connections to be designed by the building designer.

NOTE: THIS TRUSS HAS BEEN DESIGNED TO SUPPORT 24" o.c. LOADING. THIS TRUSS IS DESIGNED ONLY TO CARRY LOADS AS SHOWN.

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/240 live and L/180 total load.
The overall height of this truss excluding overhang is 4'-4".



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.25.0503

Scale = .3125"/Ft.

TC LL	20.0 PSF	FL/-5/-/-/R/-	REF	R215--	66313
TC DL	10.0 PSF		DATE	07/12/06	
BC DL	10.0 PSF		DRW	HCUSR215	06193009
BC LL	0.0 PSF		HC-ENG	RK/WHK	
TOT.LD.	40.0 PSF		SEQN-	21113	
DUR.FAC.	1.25		FROM	LRB	
SPACING	24.0"		JREF	1SYU215	Z02

ALPINE
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STATE OF FLORIDA
PROFESSIONAL ENGINEER
JUL 12 06

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

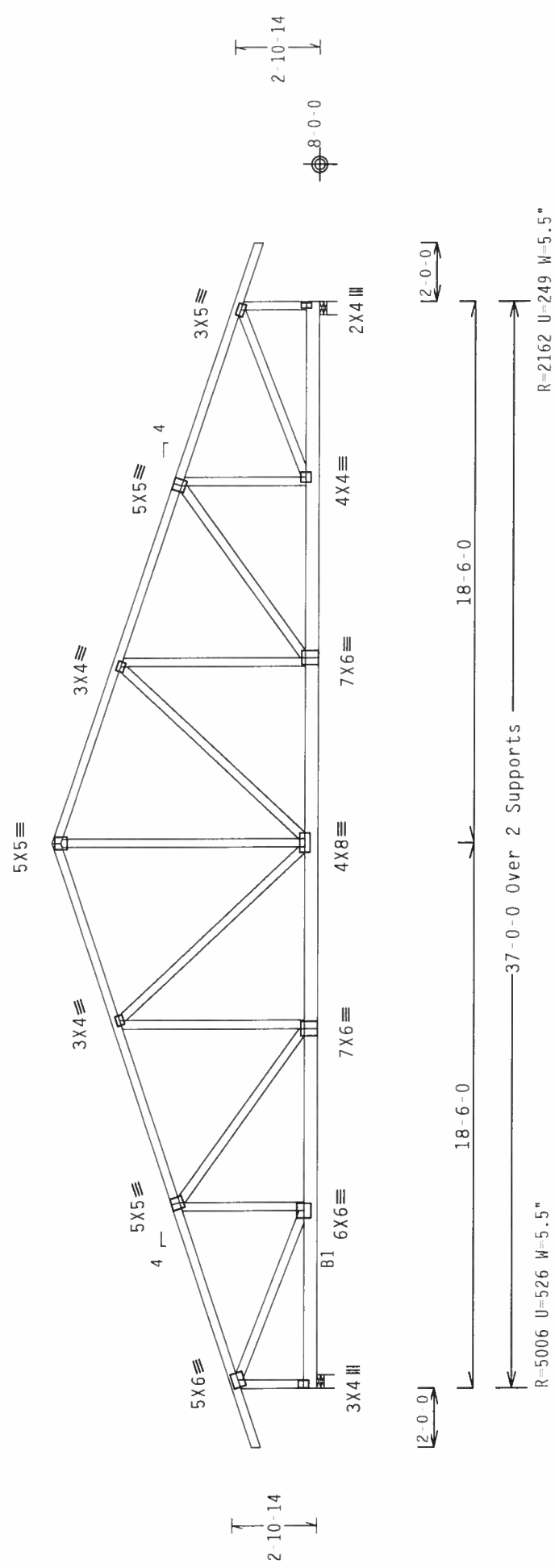
2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun_nails)
 Top Chord: 1 Row @12.00" o.c.
 Bot Chord: 1 Row @12.00" o.c.
 Webs : 1 Row @ 4" o.c.

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

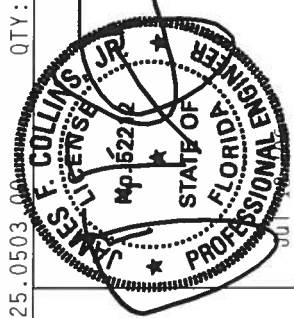
110 mph wind, 15.00 ft mean hg, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

The overall height of this truss excluding overhang is 9-0-14.

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

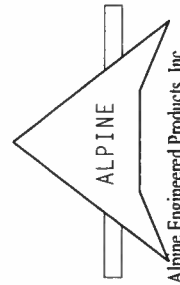
Scale = .1875" / Ft.

TC LL	20.0	PSF	REF	R215--	66314
TC DL	10.0	PSF	DATE	07/12/06	
BC DL	10.0	PSF	DRW	HCUSR215	06193014
BC LL	0.0	PSF	HC-ENG	RK/WHK	
TOT.LD.	40.0	PSF	SEQN-	21134	
DUR.FAC.	1.25		FROM	LRB	
SPACING	24.0"		JREF	1SYU215	Z02



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCS1 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY AISC (STEEL PLATE INSTITUTE), 583 N. MICHIGAN RD., SUITE 200, MADISON, WI 53719, AND NCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 INTERSTATE 10, 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 THIS OR FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AFAPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2X018/16GA (4-1/2X1/8) ASTM A563 GRADE 40/60 (40/60 (40/60) GALV STEEL) APPLIED TO EACH FACE OF TRUSS AND, UNLESS DIFFERENTLY LOCATED ON THIS DESIGN, POSITION PER DRAWINGS T60A 2. AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER 43 OF 1011/2002 SEC 3. A SEAL ON THIS DESIGN SHOWS ACCORDANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGNER. THE DESIGNER SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMST/PI SEC. 2.



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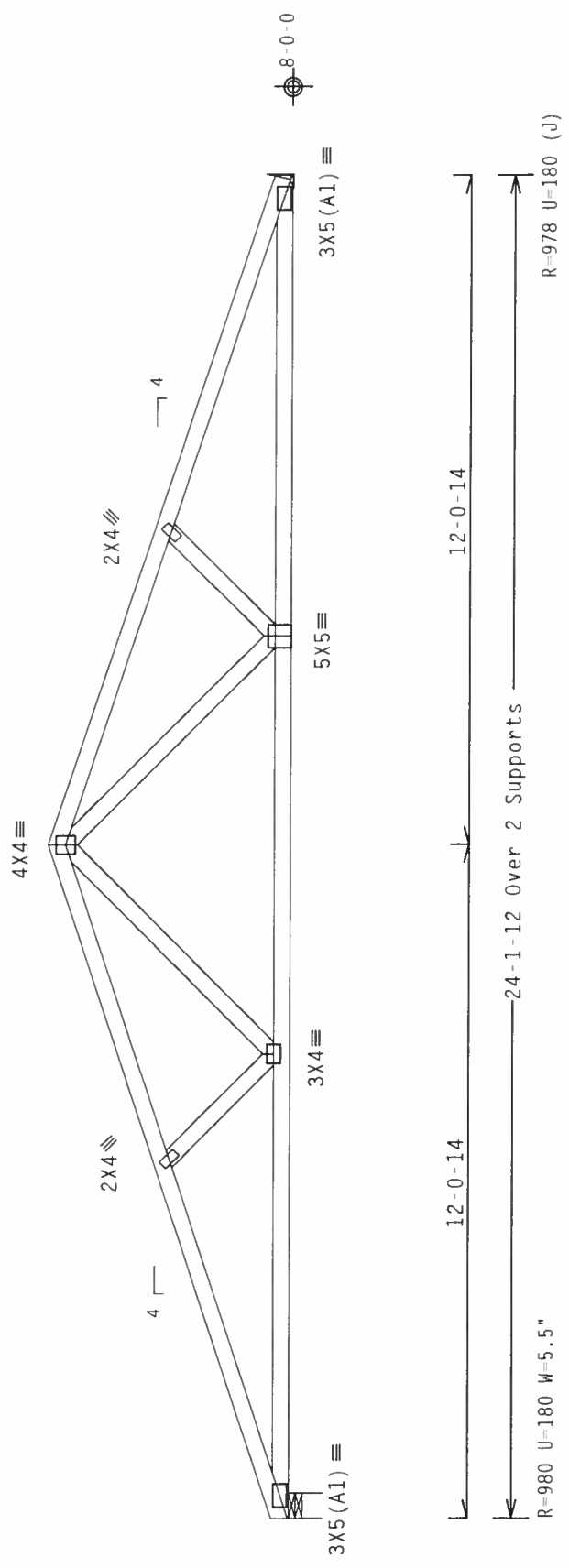
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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

(J) hanger connection must be designed for minimum reaction and uplift shown. All connections to be designed by the building designer.

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

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



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.25.0503

Scale = .3125"/Ft.

REF	QTY	TC LL	FL	BC LL	TOT. LD.	DUR. FAC.	SPACING
R215--	20.0	PSF	20.0	PSF	40.0	1.25	24.0"
DATE	07/12/06						
DRW	HCUSR215	06193010					
HC-ENG	RK/WHK						
SEQN-	21116						
FROM	LRB						
JREF-	1SYU215_Z02						

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. 82212
July 12, 2006

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY THE NATIONAL ASSOCIATION OF TRUSS MANUFACTURERS (NAT) 1000 W. WASHINGTON, SUITE 200, MADISON, WI 53719 AND AISC (STEEL EDUCATION) PUBLISHED BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC. 530 N. DEARBORN, SUITE 100, CHICAGO, IL 60610. 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-2 OR FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA) AND TPI-2. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (N/A/57K) ASTM A653 GRADE 40/60 (N/A/57K) GALV. STEEL. APPLY ANY INSPECTION OF PLATE CONNECTIONS BY THE INSTALLATION CONTRACTOR. A SEAL OF THIS ENGINEER IS REQUIRED FOR THE TRUSS DESIGN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISI/TPI 1 SEC. 2.

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



-24-1-12 Over 2 Supports

R=972 U=180 (J)

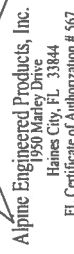
PLT TYP. Wave

$$C\alpha/RT=1.00(1.25)/10(0) \quad 7.25.05031$$

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

Scale = 25"/Ft

TC LL	20.0	PSF	REF	R215--	66316
TC DL	10.0	PSF	DATE	07/12/06	
BC DL	10.0	PSF	DRW	HCUSR215	06193011
BC LL	0.0	PSF	HC-ENG	RK/WHK	
TOT.LD.	40.0	PSF	SEQN-	21118	
DUR.FAC.	1.25		FROM	LRB	
SPACING	24.0"		JREF	1SYU215	Z02



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, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

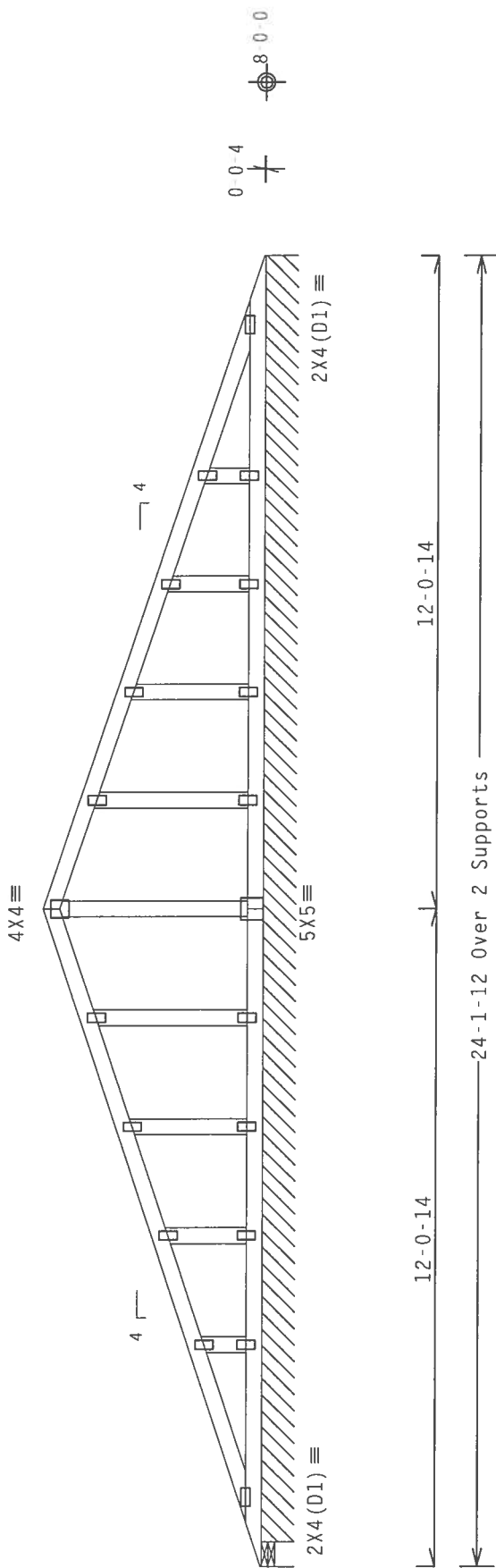
See DWGS A11015EE0405 & GBLLETIN0405 for more requirements.

The overall height of this truss excluding overhang is 4 0 9.

Gable end supports 8" max rake overhang.

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

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.



R=71 U=180 W=5.5"
R-79 PLF U=19 PLF W=23-8 4

Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0) 7.25.0503 00 QTY:1 FL/-/5/-/-/R/-

Scale = .3125"/Ft.

PLT TYP. Wave

ALPINE

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

STATE OF FLORIDA
F. COLLINS
No. 57272
JUL 12 2003
PROFESSIONAL ENGINEER

REF	DATE	DRW	HC	SEQN	FROM	JREF
R215--	07/12/06	HCUSR215	06193012	21152	LRB	1SYU215_Z02

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

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.

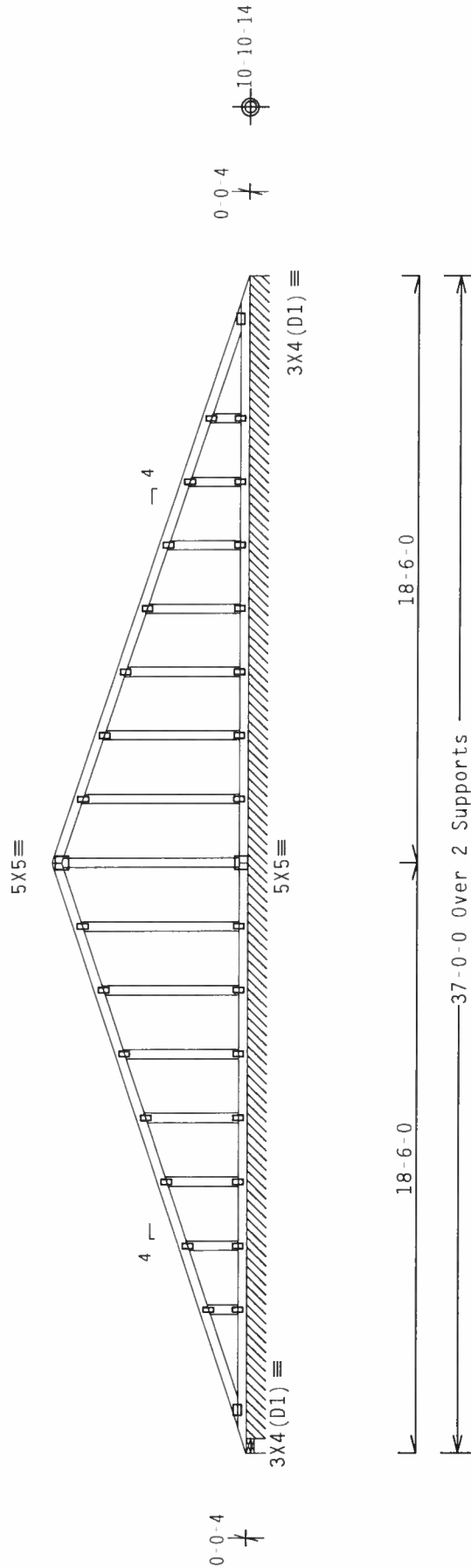
Gable end supports 8" max rake overhang.

See DWGS A11015EE0405 & GBLLETIN0405 for more requirements.

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

The overall height of this truss excluding overhang is 6-2-4.

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.



$R=89$ $U=180$ $W=5.5$

R=80 PLF U=20 PLF W=36-6-8

Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

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

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

Scale = 1875"/Ft

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BECI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PEAKE INSTITUTE, 583 DUMFRIES RD., SUITE 200, MADISON, WI 53719) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE IN DR., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO FABRICATING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, ALL WALLS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED TOP CHORDS.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING TO AVOID RESONANCE VIBRATION. PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 509 WESTER HILL ROAD, SUITE 100, SULLY, MISSOURI 63158) OR AMERICAN OVERSEAS CONSTRUCTION COMPANY, INC., 1700 W. 10TH AVENUE, SUITE 100, DENVER, COLORADO 80202. SEE TPI DRAWING NO. TPI-001 FOR THE PROPER BRACING OF TRUSSES.

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

****IMPORTANT****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN.

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&A) AND TPI. APPLY CONNECTOR PLATES ARE MADE OF 2018/T16GA (W-H)/X2 ASTM A653 GRADE 40/60 (F, K/H/S) GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS FIGA 2-1 THROUGH FIGA 2-4. ALL DIMENSIONS SHALL FOLLOW BY (1) SHALL BE PER AMEC AS OF 1P11-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF THE DESIGN. THE RESPONSIBILITY FOR THE TRUSS COMPLIANT BUILDING SMOOTH, THE SUBMITTAL AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER (E.P.R./H.P.T.).



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

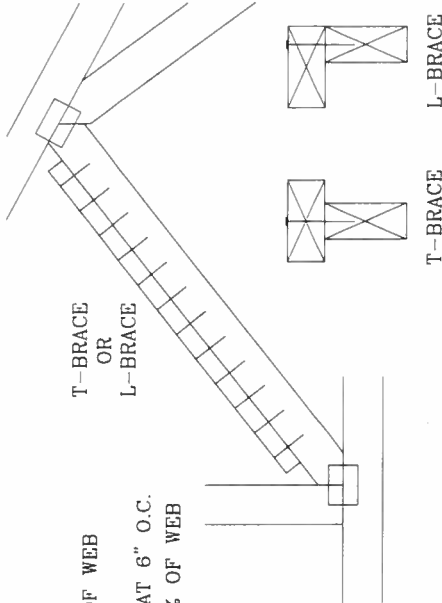
Haines City, FL 33844
FL Certificate of Authorization # 567

CLB WEB BRACE SUBSTITUTION

T-BRACING
OR
L-BRACING:

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.

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



NOTES:

THIS DETAIL IS ONLY APPLICABLE FOR CHANGING THE SPECIFIED CLB SHOWN ON SINGLE PLY SEALED DESIGNS TO T-BRACING OR SCAB BRACING.
ALTERNATIVE BRACING SPECIFIED IN CHART BELOW MAY BE CONSERVATIVE. FOR MINIMUM ALTERNATIVE BRACING, RE-RUN DESIGN WITH APPROPRIATE BRACING.

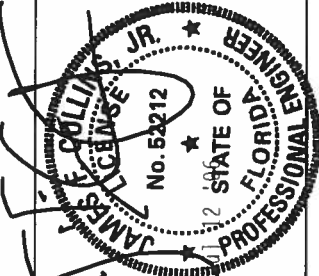
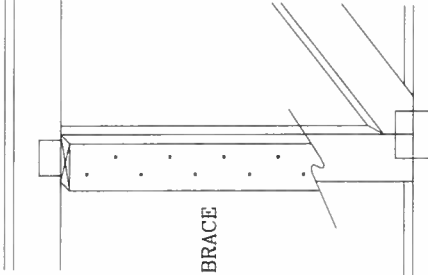
WEB MEMBER SIZE	SPECIFIED CLB BRACING	T OR L-BRACE	ALTERNATIVE BRACING SCAB BRACE
2X3 OR 2X4	1 ROW	2X4	1-2X4
	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
	2 ROWS	2X6	2-2X6(*)

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.

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



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 PRODUCTS, INC., 580 BONDSTREET DR., SUITE 200, MADISON, WI 53719) AND VITCA (WOOD TRUSS COUNCIL OF AMERICA, 1000 N. 10TH AVE., SUITE 100, DENVER, CO 80202) FOR ADDITIONAL INFORMATION ON THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPECIFICATION FOR WOOD) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/7664 (W/H/S/X) ASTM A653 GRADE 50. UNLESS OTHERWISE INDICATED, ALL TRUSS AND CONNECTOR PLATES 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 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	BRLCLBSUB1103
BC LL	PSF	-ENG	MLH/KAR
TOT. LD.	PSF		
DUR. FAC.			
SPACING			

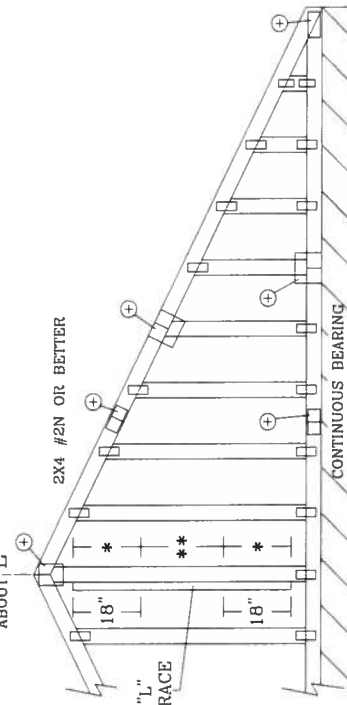
THIS DRAWING REPLACES DRAWING 579,640

MAX CABLE VERTICAL LENGTH																	
2X4 GABLE VERTICAL SPACING			BRACE GRADE		NO BRACES	(1) 1X4 "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	GROUP A	GROUP B
O.C.	SPF	#1 / #2	3' 10"	6' 8"	6' 10"	7' 11"	8' 1"	9' 5"	9' 8"	12' 5"	12' 9"	14' 0"	14' 0"				
	HF	STUD	3' 9"	6' 0"	6' 0"	7' 11"	7' 11"	9' 5"	9' 5"	12' 4"	12' 4"	14' 0"	14' 0"				
	SP	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"	7' 2"	7' 2"	7' 11"	8' 6"	9' 5"	10' 2"	12' 5"	13' 5"	14' 0"	14' 0"				
24" O.C.	SP	#2	4' 2"	6' 8"	7' 2"	7' 11"	8' 6"	9' 5"	10' 2"	12' 5"	13' 5"	14' 0"	14' 0"				
	DFL	STUD	4' 0"	6' 2"	6' 2"	7' 11"	8' 0"	9' 5"	9' 11"	12' 5"	12' 8"	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"				
	O.C.	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"			
HF		STUD	4' 4"	7' 4"	7' 4"	9' 1"	9' 1"	10' 10"	10' 10"	14' 0"	14' 0"	14' 0"	14' 0"				
SP		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"				
16" O.C.	SP	#2	4' 9"	7' 8"	8' 3"	9' 1"	9' 9"	10' 10"	11' 8"	14' 0"	14' 0"	14' 0"	14' 0"				
	DFL	STUD	4' 6"	7' 7"	7' 7"	9' 1"	9' 6"	10' 10"	11' 4"	14' 0"	14' 0"	14' 0"	14' 0"				
		STANDARD	4' 6"	7' 6"	7' 6"	9' 1"	9' 6"	10' 10"	11' 4"	14' 0"	14' 0"	14' 0"	14' 0"				
	O.C.	SPF	#1 / #2	4' 11"	8' 5"	8' 8"	10' 0"	10' 3"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"			
HF		STUD	4' 9"	8' 5"	8' 5"	10' 0"	10' 0"	11' 11"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"				
SP		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"				
12" O.C.	SP	#2	5' 3"	8' 5"	9' 1"	10' 0"	10' 9"	11' 11"	12' 10"	14' 0"	14' 0"	14' 0"	14' 0"				
	DFL	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"				

DIAGONAL BRACE OPTION:
VERTICAL LENGTH MAY BE
DOUBLED WHEN DIAGONAL
BRACE IS USED. CONNECT
DIAGONAL BRACE FOR 600#
AT EACH END. MAX WEB
TOTAL LENGTH IS 14'.

VERTICAL LENGTH SHOWN
IN TABLE ABOVE.

CONNECT DIAGONAL AT
MIDPOINT OF VERTICAL. WEH.



REFER TO CHART ABOVE FOR MAX CABLE VERTICAL LENGTH.

WARNING: FRUSTRS REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND REMOVING. SEE THE FOLLOWING INFORMATION FOR SAFETY PRECAUTIONS TO AVOID PERSONAL INJURY OR PROPERTY DAMAGE.
FRUIT PLATE INSTITUTE, 509 J DINDEN DR., SUITE 200, MADISON, WI 53719
ENTERPRISE II, 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 CENG.

IMPORTANT: FURNISH COPY OF THIS DESIGN INSTALLATION CONTRACTOR ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF THE 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/S/K ASTM A553 GRADE 40/60 (40 K/4/3) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY C) SHALL BE IN ACCORDANCE WITH THE ALPINE ENGINEERED PRODUCTS, INC. TPI 1600-SEC. 1.1. THE DESIGNING PROFESSIONAL SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND FOR THE VERIFICATION OF THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. PER ANSI/TPI 1. SEC. 2.

A circular professional engineer seal for the State of Florida. The outer ring contains the text "JAMES P. COLLINS, JR." on the left and "PROFESSIONAL ENGINEER" on the right, separated by stars. The center of the seal contains the text "No. 52212" and "STATE OF FLORIDA", also separated by stars. The seal is stamped over a document with handwritten text.

REF	ASCE7-02-GABI1015
DATE	04/15/05
DRWG	A11015EE0405
-ENG	

MAX. TOT. I.D. 60 PSF

MAX. SPACING 24.0"

BRACING GROUP SPECIES AND GRADES:

GROUP A:

SPRUCE-PINE-FIR		HEM-FIR	
#1 / #2	STANDARD	#2	STUD
#3	STUD	#3	STANDARD

SOUTHERN PINE

#3
STUD
STANDARD

GROUP B:

HEM-FIR
#1 & BTR
#1

SOUTHERN PINE

#1	#1
#2	#2

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.

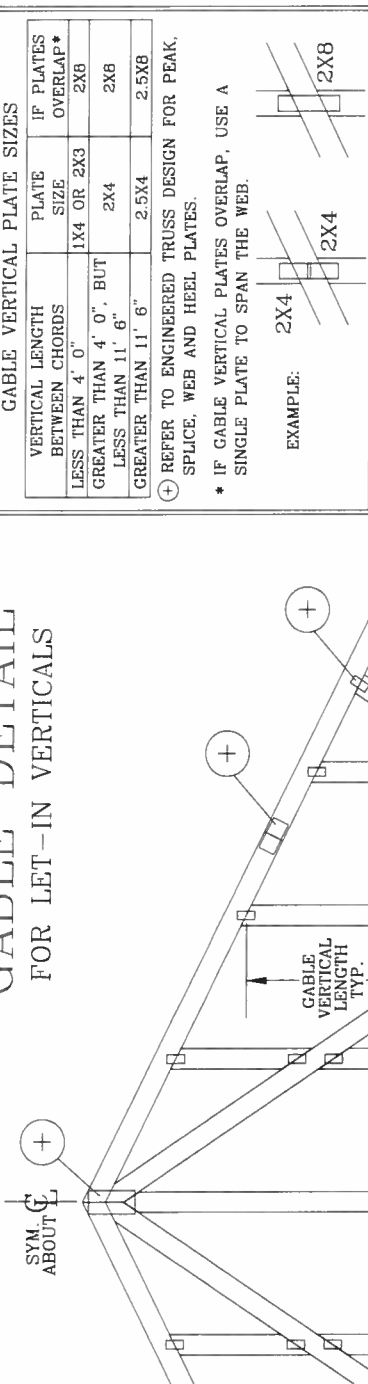
IN 18" END ZONES AND 6" O.C. BETWEEN ZONES.

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

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

+ REFER TO COMMON TRUSS DESIGN FOR
PEAK SPICE AND HEEL PLATES

GABLE DETAIL FOR LET-IN VERTICALS

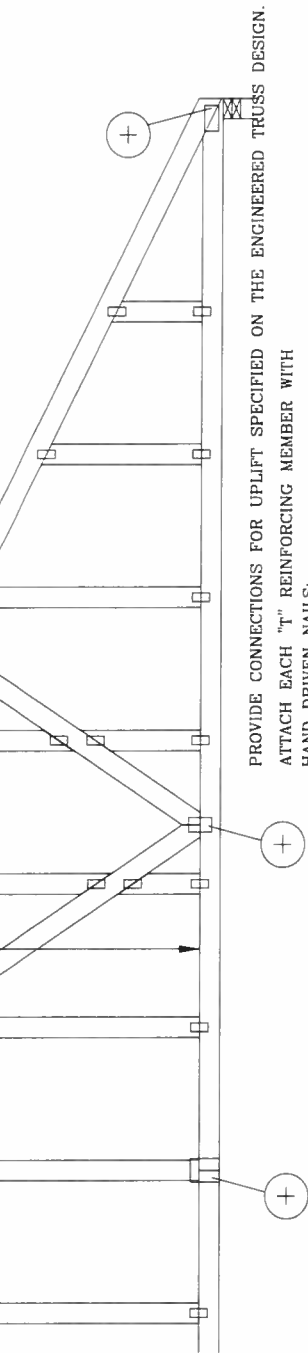


GABLE VERTICAL PLATE SIZES		
VERTICAL LENGTH BETWEEN CHORDS	PLATE SIZE	IF PLATES OVERLAP*
LESS THAN 4' 0"	1X4 OR 2X3	2X8
GREATER THAN 4' 0" BUT LESS THAN 11' 6"	2X4	2X8
GREATER THAN 11' 6"	2.5X4	2.5X8

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 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.

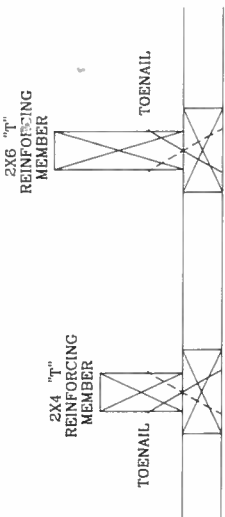
GUN DRIVEN NAILS:

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
- AL1015EN1103, A10015EN1103, A09015EN1103, A08015EN1103, A07015EN1103
- AL1030EN1103, A10030EN1103, A09030EN1103, A08030EN1103, A07030EN1103
- ASCE 7-98 GABLE DETAIL DRAWINGS
- AL3015EC1103, A12015EC1103, A11015EC1103, A10015EC1103, A08515EC1103
- AL3030EC1103, A12030EC1103, A11030EC1103, A10030EC1103, A08530EC1103
- ASCE 7-02 GABLE DETAIL DRAWINGS
- AL3015EE0405, 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

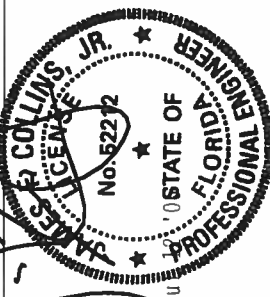
WIND SPEED AND MRH	"T" REINF. MBR. SIZE	SBCCI	ASCE
110 MPH	2x4	10 %	10 %
15 FT	2x6	40 %	50 %
110 MPH	2x4	10 %	10 %
30 FT	2x6	50 %	50 %
100 MPH	2x4	10 %	10 %
15 FT	2x6	30 %	50 %
100 MPH	2x4	10 %	10 %
30 FT	2x6	40 %	40 %
90 MPH	2x4	20 %	10 %
15 FT	2x6	20 %	40 %
90 MPH	2x4	10 %	10 %
30 FT	2x6	30 %	50 %
80 MPH	2x4	10 %	20 %
15 FT	2x6	10 %	30 %
80 MPH	2x4	20 %	10 %
30 FT	2x6	20 %	40 %
70 MPH	2x4	0 %	20 %
15 FT	2x6	0 %	20 %
70 MPH	2x4	10 %	20 %
30 FT	2x6	10 %	30 %

EXAMPLE:

ASCE WIND SPEED = 100 MPH
MEAN ROOF HEIGHT = 30 FT
GABLE VERTICAL = 24" O.C. SP #3
"T" REINFORCING MEMBER SIZE = 2X4
"T" BRACE INCREASE (FROM ABOVE) = 10% = 1.10
(1) 2X4 "L" BRACE LENGTH = 6' 7"
MAXIMUM "T" REINFORCED GABLE VERTICAL LENGTH 1.10 x 6' 7" = 7' 3"

THIS DRAWING REPLACES DRAWINGS GAB98117 876,719 & HC26294035

REF	LET-IN VERT
DATE	04/14/05
DRWG	GBLETTN0405
-ENG	DLJ/KAR
MAX TOT. LD.	60 PSF
DUR. FAC.	ANY
MAX SPACING	24.0"



ALPINE ENGINEERED PRODUCTS, INC.
POMPAHO BEACH, FLORIDA

ALPINE

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE TRUSS PLATE INSTITUTE, 583 DUNDON 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 FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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