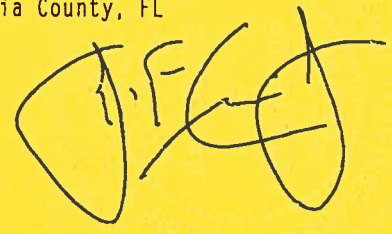


Alpine Engineered Products, Inc.

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:1SU0215-Z0720120056

Truss Fabricator: W.B. Howland
Job Identification: 3095-/Brian and Angie Neitzke R /OWNER BUILDER -- Columbia County, FL
Truss Count: 26
Model Code: Florida Building Code 2004
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Version 7.20.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - 32.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-02 -Closed



Notes:

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

Seal Date: 01/20/2006

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

Details: A11030EE-GBLLETIN-A11015EE-BRCLBSUB

#	Ref	Description	Drawing#	Date
1	04155--A1GE	27' Gable	06019073	01/19/06
2	04156-A2	27' Stepdown	06019078	01/19/06
3	04157-A3	27' Stepdown	06019070	01/19/06
4	04158-B1GE	23'4"8 Gabl	06019059	01/19/06
5	04159-B2	23'4"8 Common	06019060	01/19/06
6	04160--C1GE	18' Gable	06019056	01/19/06
7	04161--C2	18' Common	06019067	01/19/06
8	04162--D1GE	13' Gable	06019057	01/19/06
9	04163--D2	13' Common	06019061	01/19/06
10	04164--F1GE	26' Gable	06019069	01/19/06
11	04165-F2	26' Stepdown	06019075	01/19/06
12	04166-F3G	(2-PLY) 26'	06019071	01/19/06
13	04167-F4	26' Stepdown	06019076	01/19/06
14	04168--F5	8'9" Common	06019074	01/19/06
15	04169-F6GE	7'10" Gable	06019077	01/19/06
16	04170--J1	1' Jack	06019062	01/19/06
17	04171--J3	3' Jack	06019063	01/19/06
18	04172--J5	5' Jack	06019064	01/19/06
19	04173--J6	6'4" Mono	06019081	01/19/06
20	04174-J6A	5'9"11 End J	06019058	01/19/06
21	04175-J6B	4'4" End Jac	06019066	01/19/06
22	04176-J6C	5'6"3 End Ja	06019065	01/19/06
23	04177-J6D	6'4" End Jac	06019068	01/19/06
24	04178-JH	8'11"8 Hip Ja	06019079	01/19/06
25	04179-PB-A1	4'3"12 Com	06019080	01/19/06
26	04180-PB-F1	8'9"7 Comm	06019072	01/19/06



Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Page 1 of 1 Document ID:1SU0215-Z0720120056

Truss Fabricator: W.B. Howland
Job Identification: 3095-/Brian and Angie Neitzke R /OWNER BUILDER -- Columbia County, FL
Truss Count: 4
Model Code: Florida Building Code 2004
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Version 7.20.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - 32.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-02 -Closed

Notes:

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

Seal Date: 01/20/2006

-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	04164--F1GE	26' Gable	06019069	01/19/06
2	04165-F2	26' Stepdown	06019075	01/19/06
3	04166-F3G (2-PLY)	26'	06019071	01/19/06
4	04167-F4	26' Stepdown	06019076	01/19/06



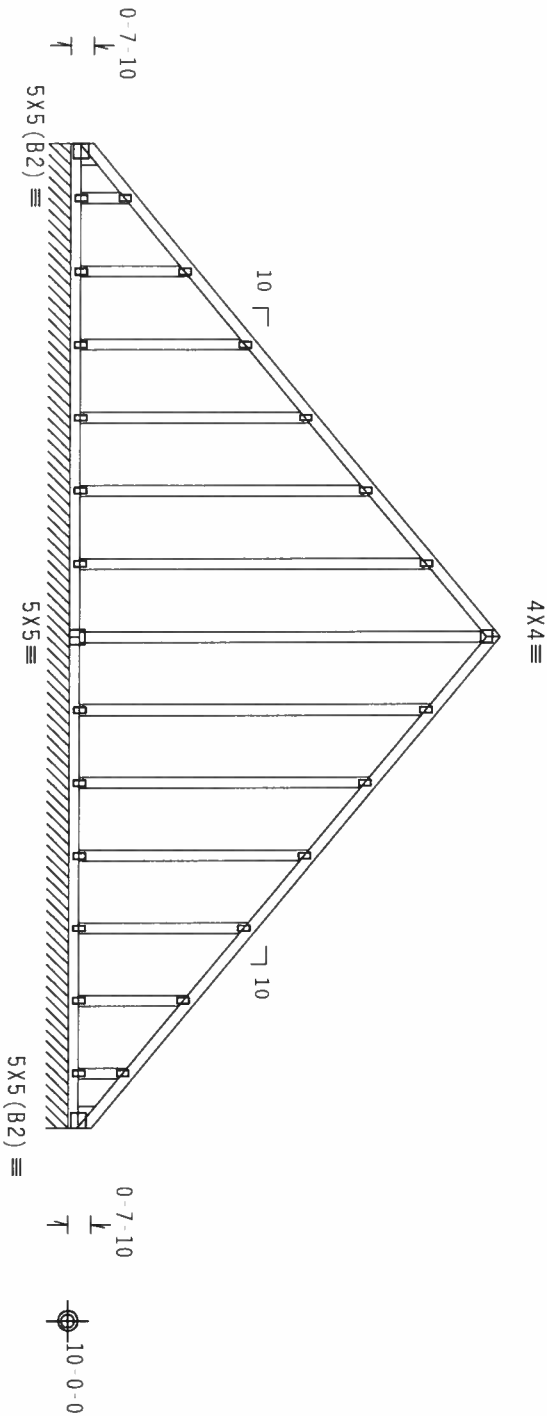
Top Chord 2x4 SP #2 N
Bot Chord 2x4 SP #2 N
Webs 2x4 SP #2 N
Lt Wedge 2x6 SP #2 N::Rt Wedge 2x6 SP #2 N:

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

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

THE JOB ENGINEER OR 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 JOB ENGINEER OR BUILDING DESIGNER.

110 mph wind, 16.26 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 A11030EE0405 & GBLLET1N0405 for more requirements.
Plates sized for a minimum of 3.00 sq.in./piece.



R=86 PLF U=18 PLF W=27-0-0
27-0-0 Over Continuous Support

Note: All Plates Are 2X4 Except As Shown.

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.

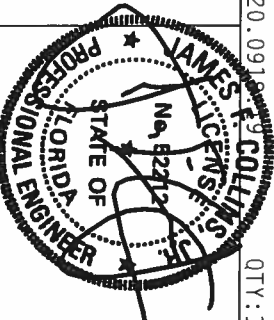
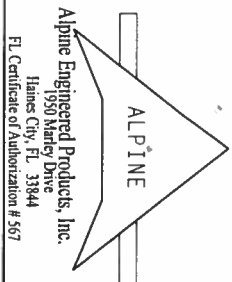
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DESS 1.03 (INCLUDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI, AMERICAN TRUSS SOCIETY, 1000 ENTERPRISE DR., SUITE 200, MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&A) AND TPI. ALPINE CONNECTIONS ARE MADE OF 20/10/10GA (W/H/S/R) ASH/ALG3 GRADE 40/60 (W, K/H/S) GALV. STEEL. APPLY ANY FABRICATOR'S RECOMMENDATIONS FOR THE TRUSS COMPONENTS.

ANY INSPECTION OF THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE DESIGNER. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. 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.

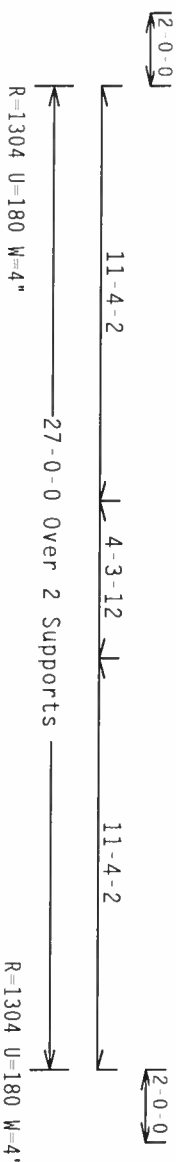


TC LL	20.0 PSF	REF R215-- 4155
TC DL	10.0 PSF	DATE 01/19/06
BC DL	10.0 PSF	DRW HCUSR215 06019073
BC LL	0.0 PSF	HC-ENG RA/WHK
TOT.LD.	40.0 PSF	SEQN- 101057
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 15U0215_207

110 mph wind, 15.00 ft mean hgt, 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.

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



Scale = .1875"/ft.

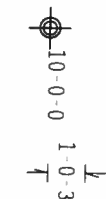
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR

918
OTY:
No. 62217
STATE OF FLORIDA
PROFESSIONAL ENGINEER
JAN 20 08

TC LL	20.0 PSF	REF	R215 - 4156
TC DL	10.0 PSF	DATE	01/19/06
BC DL	10.0 PSF	DRW	HGUSR215 06019078
BC LL	0.0 PSF	HC-ENG RA/WHK	*
TOT.LD.	40.0 PSF	SEQN-	101076
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1SU0215.Z07

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 RC DL=0.0 psf

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



R=1156 U=180 W=4ⁿ

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

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

7.20.0918

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

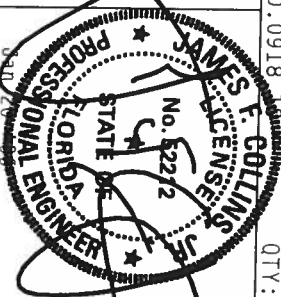
Scale = .1875" / Ft.

CHED

FL/-/5/-/-/R/-		Scale = 1875"/Ft
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TC DL	10.0 PSF	DATE 01/19/06
BC DL	10.0 PSF	DRW HCURSR215 060190707

FL/-/5/-/-/R/-	Scale = .1875"/ft.
TC LL 20.0 PSF	REF R215 - 4157
TC DL 10.0 PSF	DATE 01/19/06
BC DL 10.0 PSF	DRW HCURSR215 0601907070
BC LL 0.0 PSF	HC-ENG RA/WHK
TOT.LD. 40.0 PSF	SECON - 101080

FL Certificate of Authorization # 567

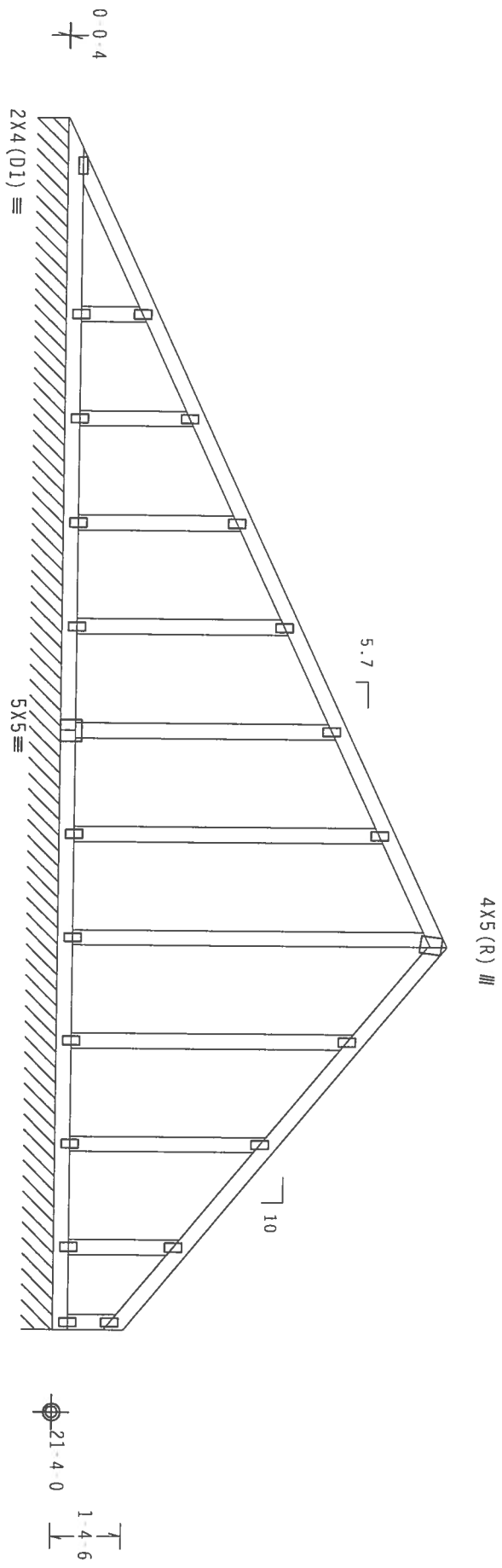


TC LL	20.0 PSF	REF	R215 - 4157
TC DL	10.0 PSF	DATE	01/19/06
BC DL	10.0 PSF	DRW	HCSUR215 0601907070
BC LL	0.0 PSF	HC-ENG	RA/WHK
TOT.LD.	40.0 PSF	SEQN-	101080
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	ISU0215 Z07

JREF - 1SU0215 Z07

Top Chord 2x4 SP #2 N
Bot Chord 2x4 SP #2 N
Webs 2x4 SP #2 N
110 mph wind, 25.27 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 A11030EE0405 & GBLETTIN0405 for more requirements.
Plates sized for a minimum of 3.00 sq.in./piece.
Deflection meets L/360 live and L/240 total load.
The overall height of this truss excluding overhang is 7-7-0.



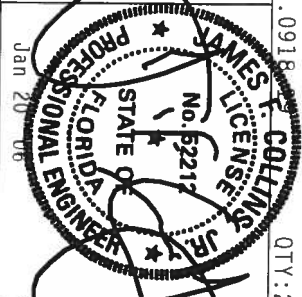
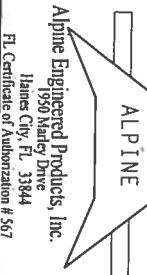
R-83 PLF U-41 PLF W-23 4 8
15-11-0
23-4-8 Over Continuous Support
7-5-8

Note: All Plates Are 2X4 Except As Shown.

PLT TYP. Wave/R
Design Crt: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.20.0918

****WARNING**** BRISSES ROUTINE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51-1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE) 1600 D. ORO RD. DR., SUITE 200, MAISON, WI 53719, AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6700 ENTERPRISE LN., MAISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, ALL DIMENSIONS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE TRUSS IN ACCORDANCE WITH THE DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE NATIONAL DESIGN SPEC. BY AIA/PAI AND TPI. ALPINE PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE SPECIFIED, APPLY TO THE TRUSS COMPONENTS. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI DESIGN SPEC. FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



QTY: 2	FL / -5 / - / R / -	Scale = .3125" / Ft.
TC LL	20.0 PSF	REF R215 - 4158
TC DL	10.0 PSF	DATE 01/19/06
BC DL	10.0 PSF	DRW HCUR215 06019059
BC LL	0.0 PSF	HC-ENG RA/WHK
TOT. LD.	40.0 PSF	SEQN- 101130
DUR. FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 15U0215_207

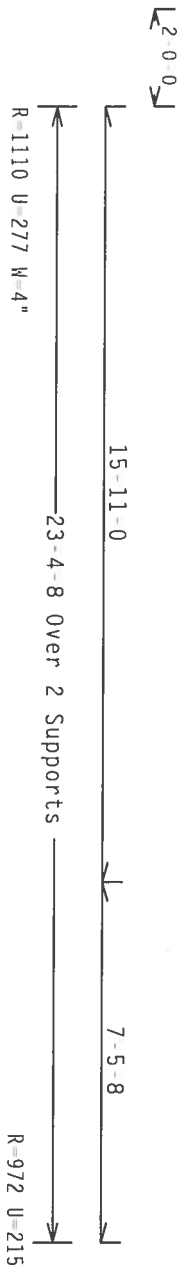
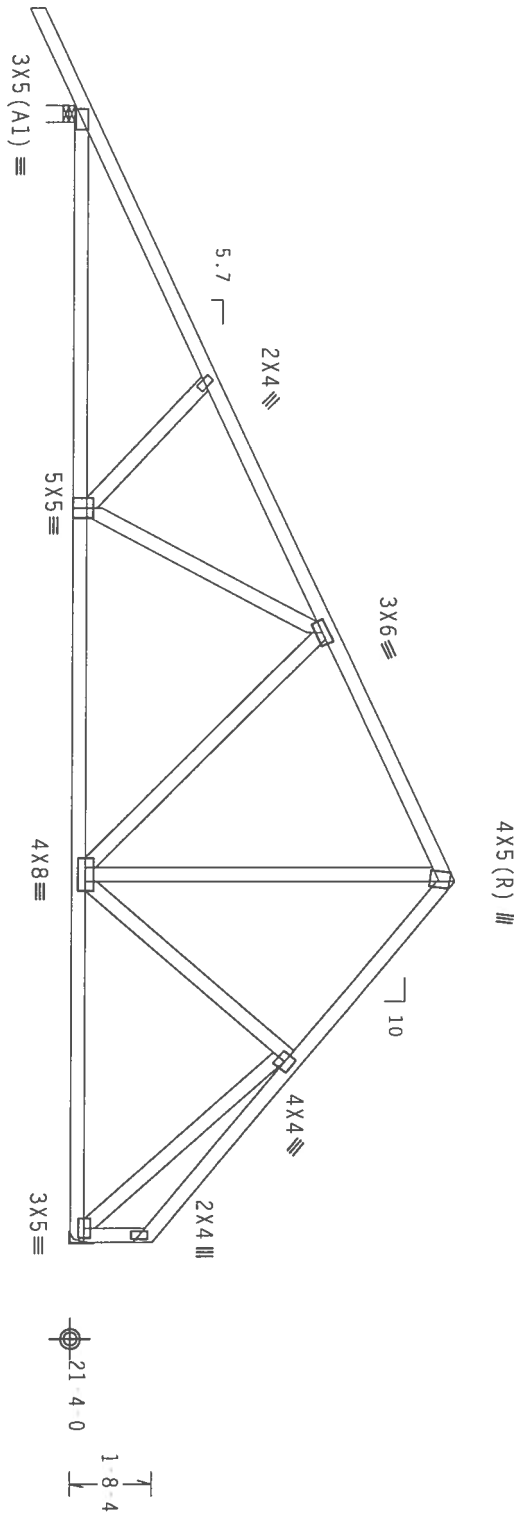
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

110 mph wind, 24.98 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 7'-10" 14.



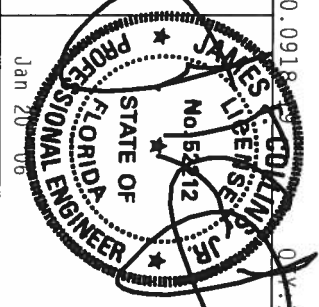
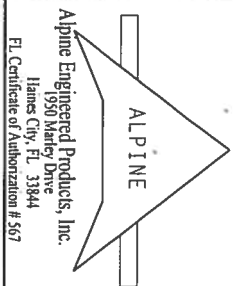
PLT TYP. Wave\R

Design Crit: TPI 2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0) 7.20.0918

****WARNING**** TRUSSES WITHOUT EXTERIOR CASE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSE 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PRINTED BY TPI TRUSS PLATE DESIGNER, 1000 ENTERPRISE LN, MADISON, WI 53719, AND WICK (WOOD TRUSS COUNCIL OF AMERICA, 6000 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN COMPLIANCE WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/A&A) AND TPI. ALPINE CONSTRUCTION PLATES ARE MADE OF 20/18/10GA (W.H/S/K) ASH A663 GRADE 40/60 (W. K/H/S) GALV. STEEL. APPLY CORRECTION FACTORS TO ALL DIMENSIONS LOCATED ON THIS DESIGN. POSITION PER DIMENSIONS 100A-Z. ANY INSPECTION OF TRUSSES MUST BE DONE BY A TRUSS INSPECTOR. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. THE DESIGN COMPONENT BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TC LL	20.0 PSF	REF R215-- 4159
TC DL	10.0 PSF	DATE 01/19/06
BC DL	10.0 PSF	DRW HCUR215 06019060
BC LL	0.0 PSF	HC-ENG RA/WHK
TOT.LD.	40.0 PSF	SEQN- 101126
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 15U0215_207

Scale = .25"/Ft.

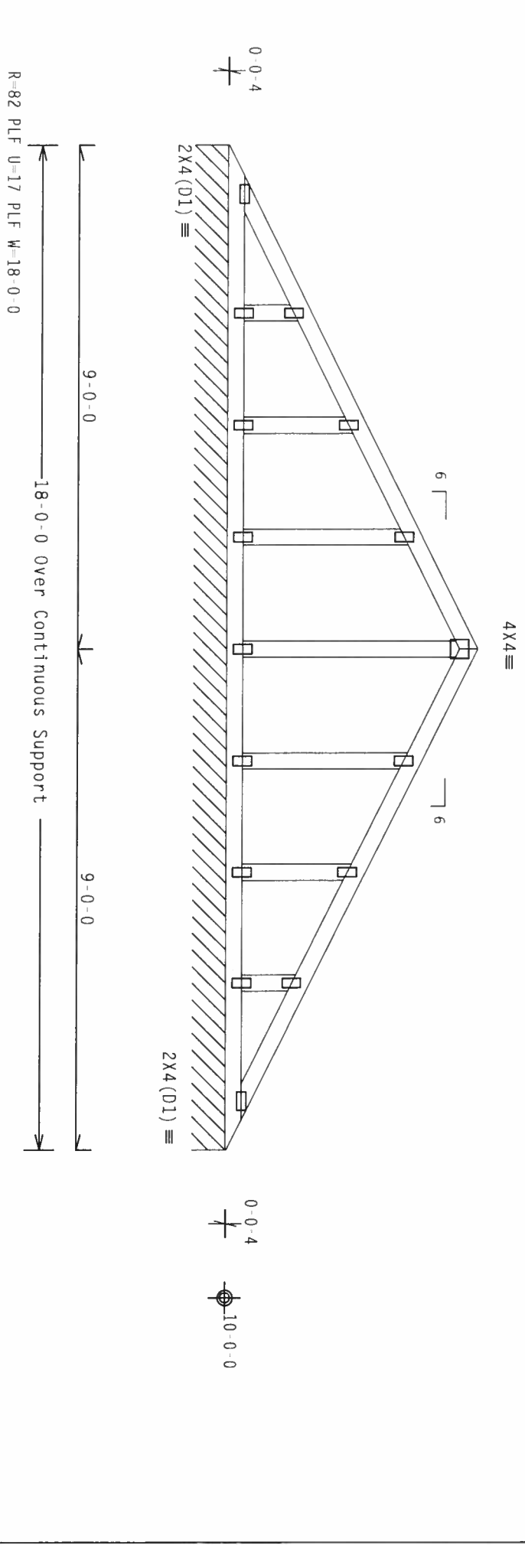
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

See DWGS A11015EE0405 & GBLLETIN0405 for more requirements.

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

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

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



Note: All Plates Are 2x4 Except As Shown.

PLT TYP. Wave\R Design Crit: TPI-2002(STD)/FBC QTY:1 FL/-/5/-/-/R/- Scale = .375"/ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DESIGNED BUILDING COMPONENTS, ETC. FOR ALL DIMENSIONS, MATERIALS, AND CONNECTIONS. ALL DIMENSIONS SHALL BE TO THE CENTERLINE OF THE TRUSS. 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 THE DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE NATIONAL DESIGN SPEC. (BY AIA/P) AND TPI. ALPINE

PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. A SCALE ON THIS DRAWING INDICATES THE ACCURACY OF THE DIMENSIONS. THE DIMENSIONS SHALL BE TO THE CENTERLINE OF THE TRUSS COMPONENT BUILDING DESIGNER PER ANSI/PTI 1 SEC. 2.

ALPINE
Alpine Engineered Products, Inc.
1990 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

JAMES E. COLLINS
No. 52215
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Jan 20 06

TC LL	20.0 PSF	REF	R215--	4160
TC DL	10.0 PSF	DATE	01/19/06	
BC DL	10.0 PSF	DRW	HCUSR215	06019056
BC LL	0.0 PSF	HC-ENG	RA/WHK	*
TOT.LD.	40.0 PSF	SEQN-	101133	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	15U0215_207	

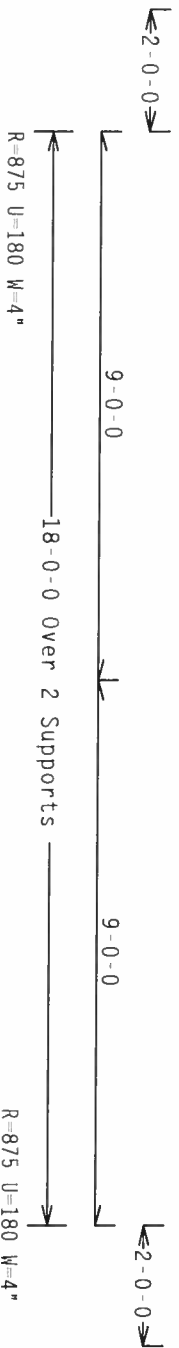
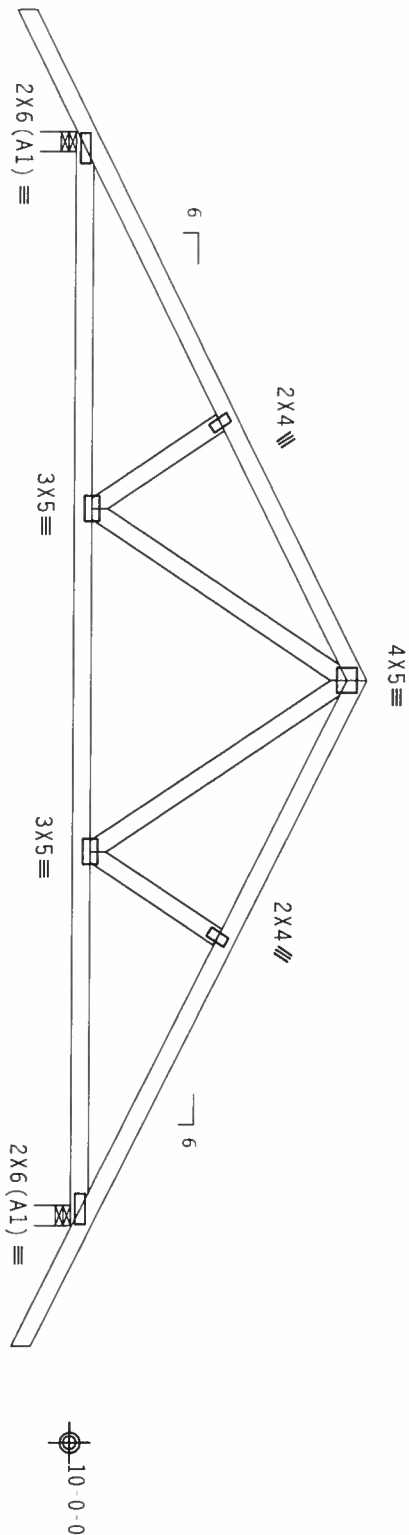
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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 4 10-3.



PLT TYP. Wave\ R

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

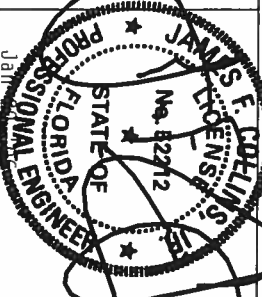
QTY: 5 FL/-/5/-/R/-

Scale = .3125"/ft.

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

****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 THE: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

CONNECTOR PLATES ARE MODIFIED TO MEET THE REQUIREMENTS OF THE NATIONAL DESIGN SPEC. BY ALPINE AND TPI. ALPINE PLATES TO EACH FACE OF TRUSS AND JOINTS. INTERMEDIATE JOINTS SHALL BE PERMITTED PER DRAWINGS. ADD 2.5 DRAMING 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-- 4161
TC DL	10.0 PSF	DATE	01/19/06
BC DL	10.0 PSF	DRW	HCUSR215 06019067
BC LL	0.0 PSF	HC-ENG	RA/WHK
TOT.LD.	40.0 PSF	SEON-	101136
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1SU0215_207

ALPINE

Alpine Engineered Products, Inc.
1930 Manley 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 :M1, M2 2x4 SP #2 Dense:

End verticals exposed to wind pressure. Deflection meets $L/240$ criteria for brittle and flexible wall coverings.

See DWGS A11015EE0405 & GBLLET1M0405 for more requirements.
Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 9-4-6.

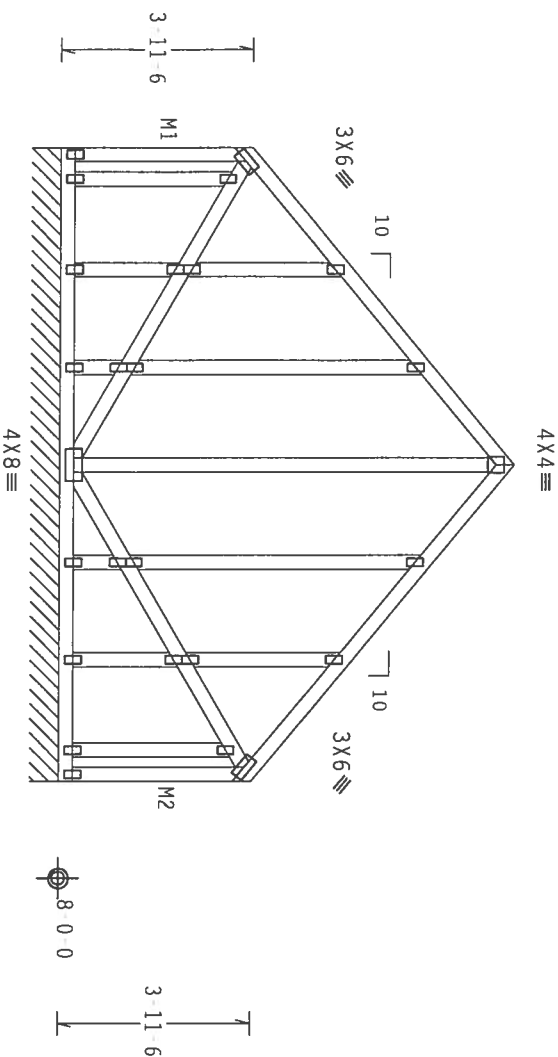


Diagram of a continuous beam with three supports. The beam is divided into two equal spans of 6'-6" each. The left span is labeled "R 86 PLF U=33 PLF W 13-0-0" and the right span is labeled "Over Continuous Support". The total length is 13'-0".

Note: All Plates Are 2X4 Except As Shown.

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

PLT TYP. Wave/R

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

7.20.0918:29 CNY:1

QTY: 1

FL/15/1-1/R/1-

Scale = .25" / Ft.

WARNING THESE RIGIDS REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DES-1 TO 3 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE TRUSS MANUFACTURING INSTITUTE, 503 D'ORVILLE RD., SUITE 200, HANSON, WI 53731, AND NCA (WOOD TRUSS COUNCIL OF AMERICA, 6200 ENTERPRISE IN HANSON, WI 53731) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.**

PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC., BY AISC) AND TPI. AT THE

CONNECTION PLATES PER MADE OF 20/18/16GA (H./I./S/K) ASTM A563 GRADE 40/60 (H./K./I./S) GALV. STEEL. APPLY PLATES TO EACH FACE OF RUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 16DA 2 AND 16DB 2.

AN INSPECTION OF PLATE FOLLOWED BY AT LEAST ONE REWORK OF THE ENTIRE JOINT SHALL BE REQUIRED FOR ALL JOINTS.

DESIGN SIGNAL: THE SUSTAINABILITY AND USE OF THIS CONCRETE FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DRAFTER OR ARCHITECT FOLLOWED BY THE ENGINEER. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT.

BUILDING DESIGNER PER ANSI/TP1 1 SEC. 2.

Jan 20 '06

SPACING

24.0"

JREF - 1SU

215 Z07

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.

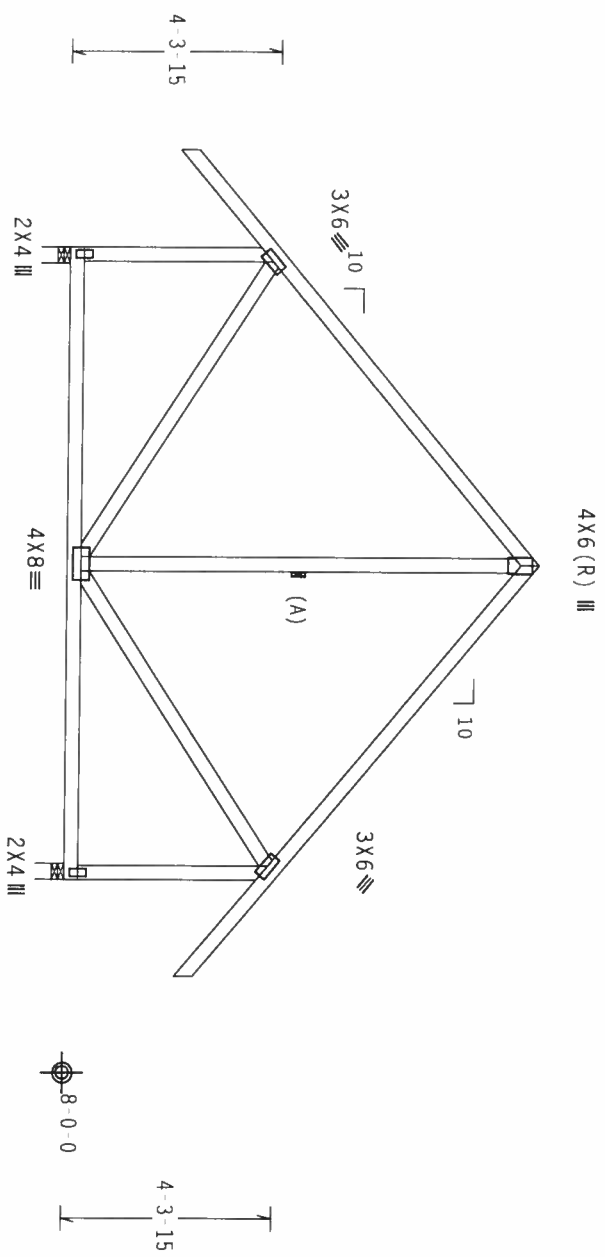
End verticals exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

(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 9-8 15.



13-0-0 Over 2 Supports
R=702 U=180 W=4"

PLT TYP. Wave\R

Design Crit: TPI-2002(STD) /FBC

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

7.20.0918

QTY: 1

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

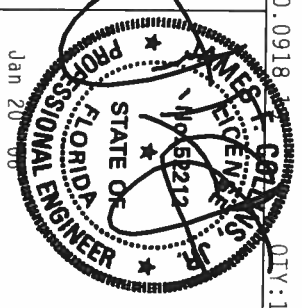
Scale = .25"/ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSE 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 5630 DUNFORD DR., SUITE 200, MADISON, WI 53719) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, ALL DIMENSIONS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH APPLICABLE PROVISIONS OF THE 2007/8/1606 (4/4/5/7) ASH ASS OR THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE DESIGNER. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE

Alpine Engineered Products, Inc.
1930 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567



TC LL	20.0 PSF	REF	R215--	4163
TC DL	10.0 PSF	DATE	01/19/06	
BC DL	10.0 PSF	DRW	HCUSR215	06019061
BC LL	0.0 PSF	HC-ENG	RA/WHK	*
TOT.LD.	40.0 PSF	SEQN-	101053	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1SU0215_207	

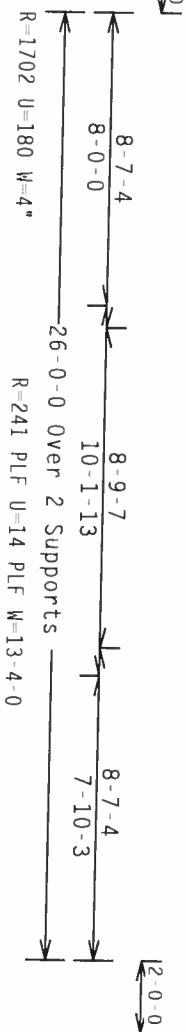
110 mph wind, 15.08 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Collar-tie braced with continuous lateral bracing at 24" OC. or rigid ceiling.

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

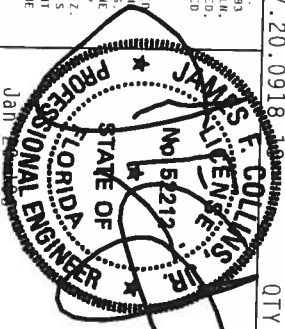
The overall height of this truss excluding overhang is 11-6-0.

The overall height of this truss excluding overhang is 11-6-0.



Scale = .1875"/Ft.

THE SUITABILITY AND USE OF THIS COMPONENT FOR THE TRUSS COMPONENT BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2



TC LL	20.0 PSF	REF	R215 - 4164
TC DL	10.0 PSF	DATE	01/19/06
BC DL	10.0 PSF	DRW	HCUSR215 06019069
BC LL	0.0 PSF	HC-ENG	RA/WHK
TOT.LD.	40.0 PSF	SEQN-	101201 REV
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF -	1SU0215 707

Top chord 2x6 SP SS :T2 2x4 SP #2 N :
Bot chord 2x12 SP #2 N :B2 2x4 SP #2 N :B3 2x12 SP SS :
Webs 2x4 SP #2 N

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (10d Box or Gun_(0.128"x3",_min_)_nails)
Top Chord: 1 Row @11.50" o.c.
Bot Chord: 1 Row @ 9.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

110 mph wind, 15.08 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.38 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

End verticals not exposed to wind pressure.

Trusses to be spaced at 46.5" OC maximum.

End verticals exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

SPECIAL LOADS

(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 128 PLF at -2.00 to 128 PLF at 0.00
TC - From 258 PLF at 0.00 to 211 PLF at 4.46
TC - From 262 PLF at 4.46 to 226 PLF at 7.85
TC - From 176 PLF at 7.85 to 168 PLF at 8.61
TC - From 128 PLF at 8.61 to 128 PLF at 18.15
TC - From 178 PLF at 18.15 to 178 PLF at 21.54
TC - From 128 PLF at 21.54 to 128 PLF at 28.00
PLT - From 39 PLF at 8.15 to 39 PLF at 17.85
BC - From 10 PLF at -2.00 to 10 PLF at 0.00
BC - From 39 PLF at 0.00 to 39 PLF at 4.46
BC - From 233 PLF at 4.46 to 233 PLF at 21.54
BC - From 39 PLF at 21.54 to 39 PLF at 26.00
BC - From 10 PLF at 26.00 to 10 PLF at 28.00
BC - 252 LB Conc. Load at 4.46, 21.54

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

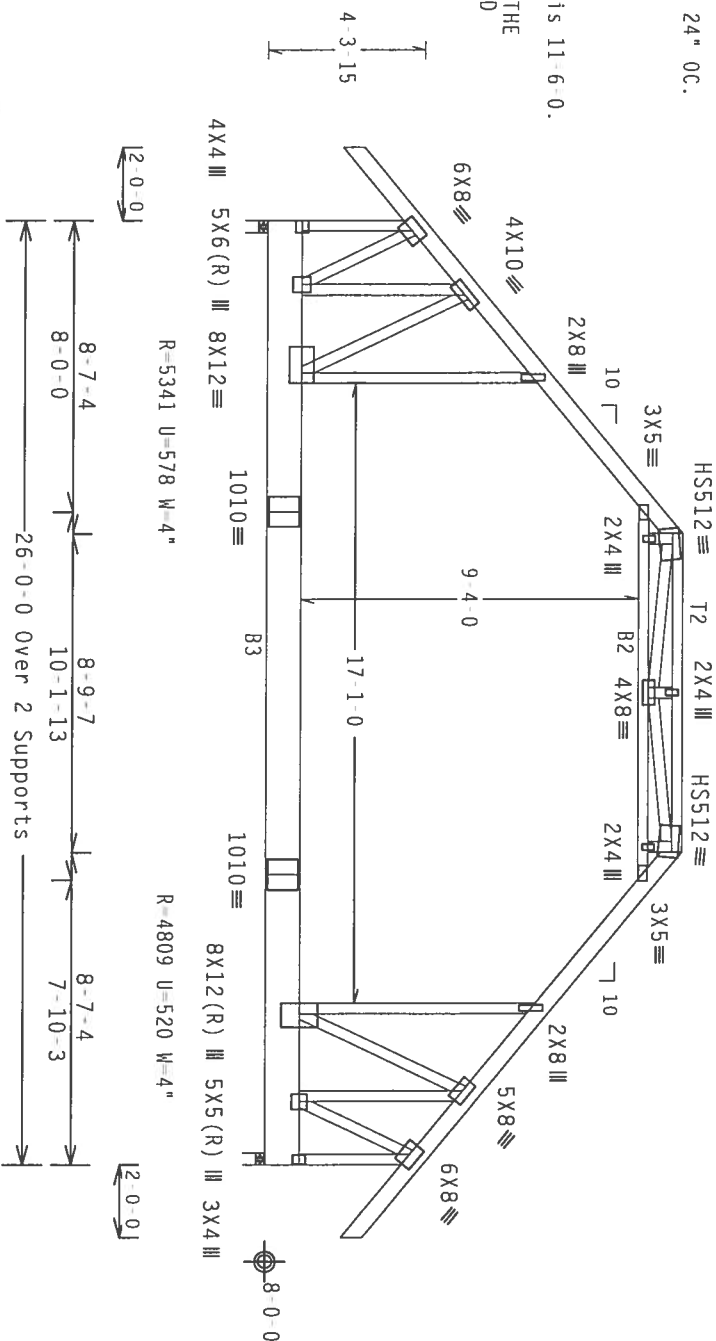
Collar tie braced with continuous lateral bracing at 24" OC.

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

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

The overall height of this truss excluding overhang is 11.6-0.

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



PLT TYP. 20 Gauge HS.Wave\R

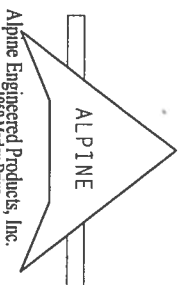
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0)

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

Scale = .1875"/ft.

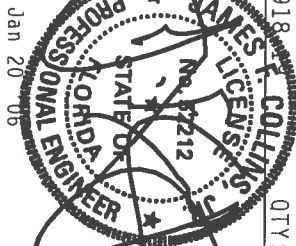
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY NDEPA) AND TPI. ALPINE CONSTRUCTION PLATES ARE MADE OF 2018/16GA (W/H/S) ASPH AGES GRADE 40/60 (W/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHALL BE IN INCHES AS OF TPI 11-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROJECT FOR 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 AISI/TPI 1 SEC. 2.

ALPINE



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

FL Certificate of Authorization # 561



TC LL	20.0 PSF	REF	R215-- 4166
TC DL	10.0 PSF	DATE	01/19/06
BC DL	10.0 PSF	DRW	HCSR215 06019071
BC LL	0.0 PSF	HC-ENG	RA/WHK
TOT.LD.	40.0 PSF	SEQN-	101207 REV
DUR.FAC.	1.25	FROM	CDM
SPACING	46.5"	JREF-	15U0215_Z07

110 mph wind, 15.08 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.

BC attic room floor loading: LL = 40.00 psf; DL = 10.00 psf; from 4-5-8 to 21-10-0.

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

The overall height of this truss excluding overhang is 11-6-0.

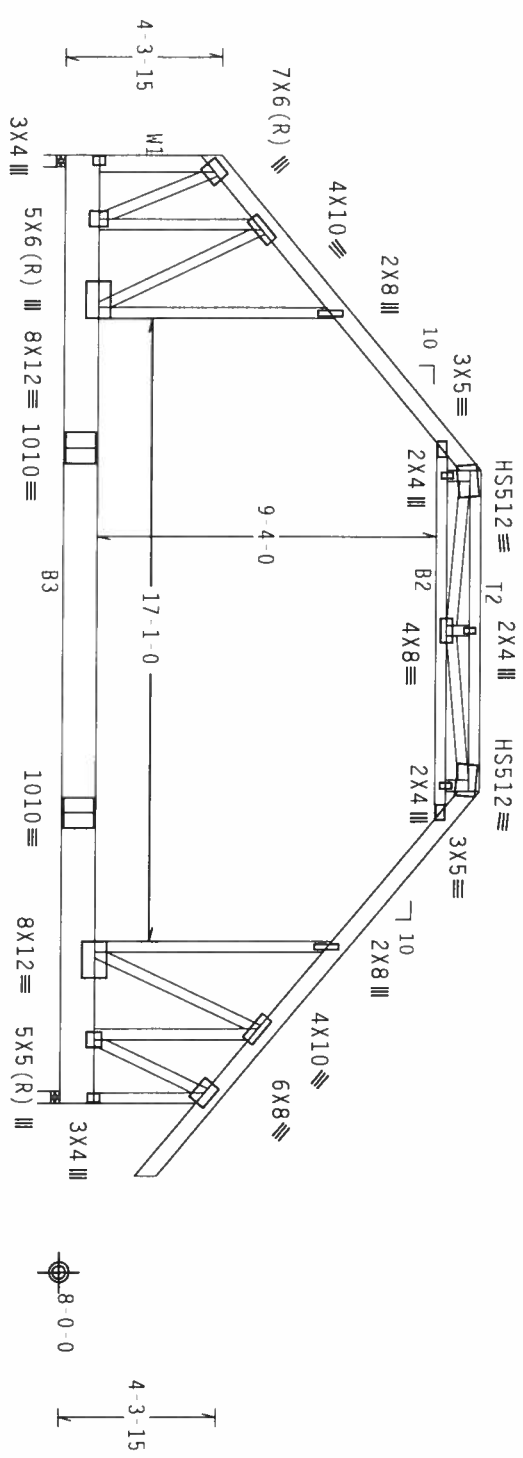
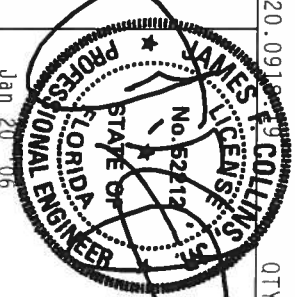


Diagram of a continuous beam with four supports. The beam is divided into three spans. The first span has a length of 8-7-4 and a support reaction of 8-0-0. The second span has a length of 10-1-13 and a support reaction of 26-0-0. The third span has a length of 7-10-3 and a support reaction of 7-10-3. The total length of the beam is 26-0-0. The beam is supported by two supports, each with a reaction of 13-0-0. The beam is labeled with dimensions in feet and inches.

Scale = .1875"/Ft.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. PRODUCTS WILL NOT BE RECOMMENDED FOR ANY APPLICATION FROM THIS DESIGN.

ALPINE ENGINEERING

[illegible]

TC LL	20.0 PSF	REF	R215- 4167
TC DL	10.0 PSF	DATE	01/19/06
BC DL	10.0 PSF	DRW	HCCSR215 06019076
BC LL	0.0 PSF	HC-ENG	RA/WHK
TOT.LD.	40.0 PSF	SEQN-	101178 REV
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	ISU0215.207

ממא, זכ שוואדעטע (נאטאנאמאזא & נאטא) וואס אפאקאלאפאסא וואס שטאמאטא נאטא

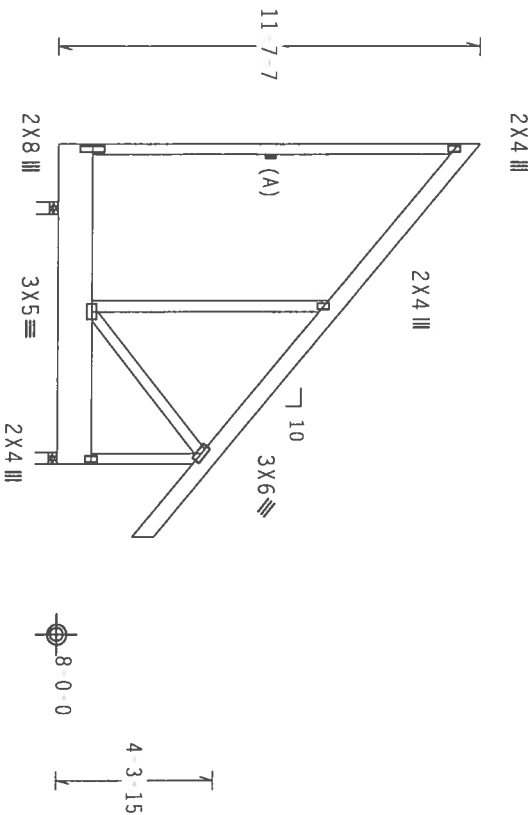
110 mph wind, 15.14 ft mean hgt, ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

BC attic room floor loading: LL = 40.00 psf; DL = 10.00 psf; from 0-3-8 to 4-3-8.

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

End verticals exposed to wind pressure. Deflection meets $L/240$ criteria for brittle and flexible wall coverings.


$$\begin{array}{c} \begin{array}{|c|} \hline 1 \quad 7 \quad 0 \\ \hline \end{array} \\ \begin{array}{|c|} \hline < 8 \quad 9 \quad 0 \text{ over } 2 \text{ Supports } > \\ \hline \end{array} \\ \begin{array}{c} R \quad 1245 \quad U \quad 209 \quad W \quad 4'' \\ R \quad 489 \quad U=180 \quad W \quad 4'' \end{array} \end{array} \quad \begin{array}{|c|} \hline 2 \quad 0 \quad 0 \\ \hline \end{array}$$

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

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

Scale = .1875"/Ft.

WARNING: THESE BUILDING COMPONENTS ARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND PACKING. REFER TO TEST 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE TPI GROUP, PLATE INSTITUTE, 563 D'ORNO RD., SUITE 200, MADISON, WI 53719, AND AIAA (AERONAUTICAL TESTS COUNCIL OF AMERICA, 61000 ENTERPRISE IN, 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 ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY INJURY OR DAMAGE RESULTING FROM YOUR DESIGN.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THIS (NATIONAL DESIGN SPEC. BY AIAA) AND TPI AIRCRAFT. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THIS (NATIONAL DESIGN SPEC. BY AIAA) AND TPI AIRCRAFT. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THIS (NATIONAL DESIGN SPEC. BY AIAA) AND TPI AIRCRAFT.

CONNECTION PLATES ARE MADE OF 20/18/16GA (W/J/S/K) ASTM A563 GRADE 40/60 (W, K/J/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PIER DRAININGS 16GA-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 DESIGNATION.

DESIGN SHOWN. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TP1 1 SEC. 2.

TC LL	20.0 PSF	REF R215-- 4168
TC DL	10.0 PSF	DATE 01/19/06
BC DL	10.0 PSF	DRW HCUR215 06019074
BC LL	0.0 PSF	HC-ENG RA/WHK
TOT.LD.	40.0 PSF	SEGN- 101194
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF - 1SU0215_Z07

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N :W1 2x4 SP SS:

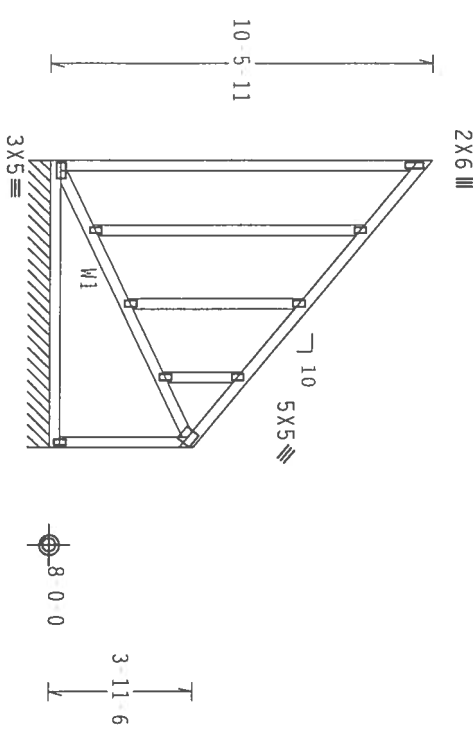
End verticals not exposed to wind pressure.

See DWGS A11030EE0405 & GBLETT1N0405 for more requirements.

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

The overall height of this truss excluding overhang is 10-5-11.

110 mph wind, 15.21 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.
Calculated horizontal deflection is 0.49" due to live load and 0.12" due to dead load.
Plates sized for a minimum of 3.00 sq.in./piece.
THE JOB ENGINEER OR 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 JOB ENGINEER OR BUILDING DESIGNER.



7 10 0 Over Continuous Support
R-86 PLF U-73 PLF W-7 10-0

Note: All Plates Are 2x4 Except As Shown.

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

ALPINE

Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 367

PLT TYP. Wave\R

Design Crit: TPI-2002(STD)/FBC

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

7.20.0918.19

0 Y:1

FL/-/5/-/R/-

Scale = .1875"/ft.

TC LL

20.0 PSF

REF R215 - 4169

TC DL

10.0 PSF

DATE 01/19/06

BC DL

10.0 PSF

DRW HCUR215 06019077

BC LL

0.0 PSF

HC-ENG RA/WHK

TOT.LD.

40.0 PSF

SEQN- 101140

DUR.FAC.

1.25

FROM CDM

SPACING

24.0"

JREF- 15U0215_207

STATE OF FLORIDA

PROFESSIONAL ENGINEER

JAMES E. COLLINS, JR.

No. 62412

DATE 01/19/06

7.20.0918.19

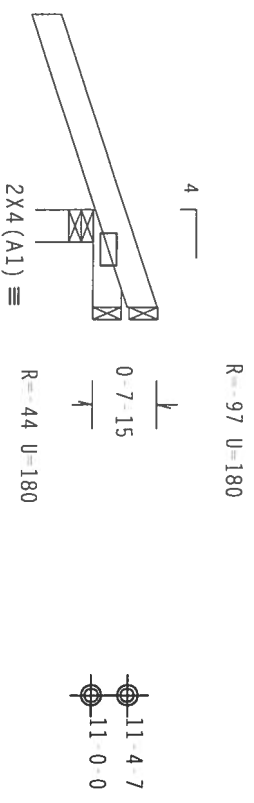
0 Y:1

FL/-/5/-/R/-

Scale = .1875"/ft.

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
110 mph wind, 15.00 ft mean hgt., ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Deflection meets L/360 live and L/240 total load.
The overall height of this truss excluding overhang is 0-7-15.
Plates sized for a minimum of 3.00 sq.in./piece.



100 Over 3 Supports
R 353 U 180 W=4"

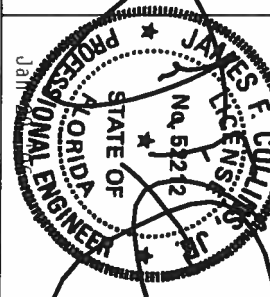
PLT TYP. Wave\ R Design Cnt: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 7.20.0918 10 QTY: 2



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

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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. 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, CONNECTORS, PLATES, OR OTHERS, SHALL BE THE RESPONSIBILITY OF THE INSTALLER. 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, CONNECTORS, PLATES, OR OTHERS, SHALL BE THE RESPONSIBILITY OF THE INSTALLER. 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, CONNECTORS, PLATES, OR OTHERS, SHALL BE THE RESPONSIBILITY OF THE INSTALLER. 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, CONNECTORS, PLATES, OR OTHERS, SHALL BE THE RESPONSIBILITY OF THE INSTALLER.



TC LL	20.0 PSF	REF R215-- 4170
TC DL	10.0 PSF	DATE 01/19/06
HC DL	10.0 PSF	DRW HCUR215 06019062
BC LL	0.0 PSF	HC-ENG RA/WHK
TOT.LD.	40.0 PSF	SEQN- 101083
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1SU0215_Z07

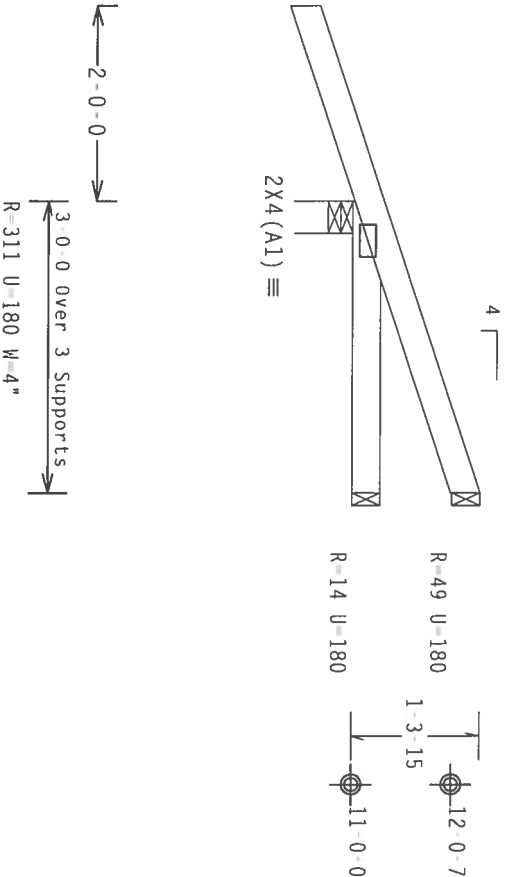
Scale = .5"/ft.

Top chord	2x4	SP	#2	N
Bot chord	2x4	SP	#2	N
Deflection	meats	1	736	

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

The overall height of this truss excluding overhang is 13.15

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



PLT TYP. Wave/R

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

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

18 June

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

Scale = .5" / Ft.

Alpine Engineered Products, Inc.
1950 Marlow Drive

FL Certificate of Authorization # 567

****WARNING**** INDICATES A MAJOR DEFECT IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BECS 1-103 (REQUIRED COMPONENT SAFETY INFORMATION), PUBLISHED BY THE GIBBS PATENT INSTITUTE, 580 D OMM RD #108, SUITE 200, MADISON, WI 53719, AND WEA (WOOD TRUSS COUNCIL OF AMERICA, 6700 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

ALLING AND BRACING.
DATE INSITUITE, 583
6300 ENTERPRISE LN.
OTHERWISE INDICATED,
A PROPERLY ATTACHED
ALPINE ENGINEERED

FL / 5' - R -		Scale = .5" / Ft.
TC LL	20.0 PSF	REF R215 - 4171
TC DL	10.0 PSF	DATE 01/19/06
BC DL	10.0 PSF	DRW HCURS215 06019063
BC LL	0.0 PSF	HC-ENG RA/WHK
TOT.LD.	40.0 PSF	SEON- 101087
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF - 1SU0215.Z07

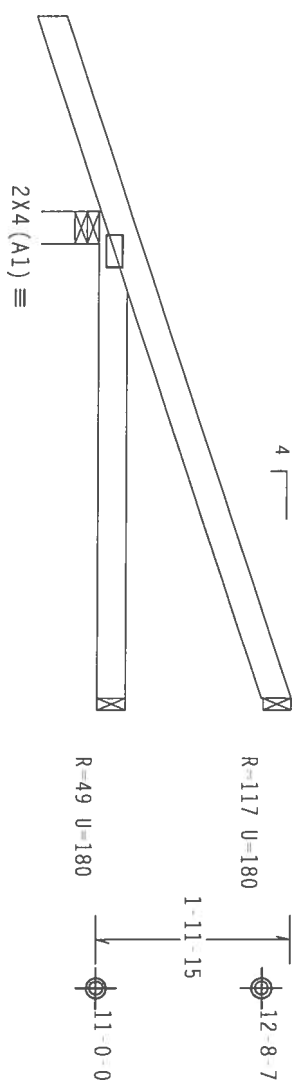
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

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

The overall height of this truss excluding overhang is 1-11-15.

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.



2-0-0

5-0-0 Over 3 Supports
R=370 U=180 W=4"

PLT TYP. Wave\R

Design Crt: TPI-2002(STD)/FBC

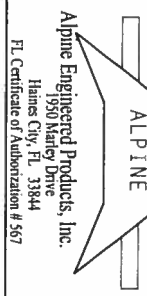
QTY: 2 FL/-/5/-/-/R/-

Scale = .5"/Ft.

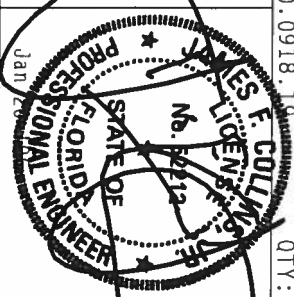
REF R215-- 4172

****WARNING**** TRUSSES RIGIDLY EXISTING CASE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DECS 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE AND BRACING), D-000000 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. 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 AREA) AND TPI. ALPINE ENGINEERED PRODUCTS, INC. ARE MADE OF 20/18/10GA (W-H/S) ASTM A653 GRADE 40/60 (W, K/H/S) GALV. STEEL. APPLY TO ANY INSPECTION OF PLATES AND CHORDS LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 10GA-2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. A SEAL ON THIS BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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



TC LL	20.0 PSF	REF	R215-- 4172
TC DL	10.0 PSF	DATE	01/19/06
BC DL	10.0 PSF	DRW	HCSR215 06019064
BC LL	0.0 PSF	HC-ENG	RA/WHK
TOT.LD.	40.0 PSF	SEQN-	101090
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF	15U0215_207

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

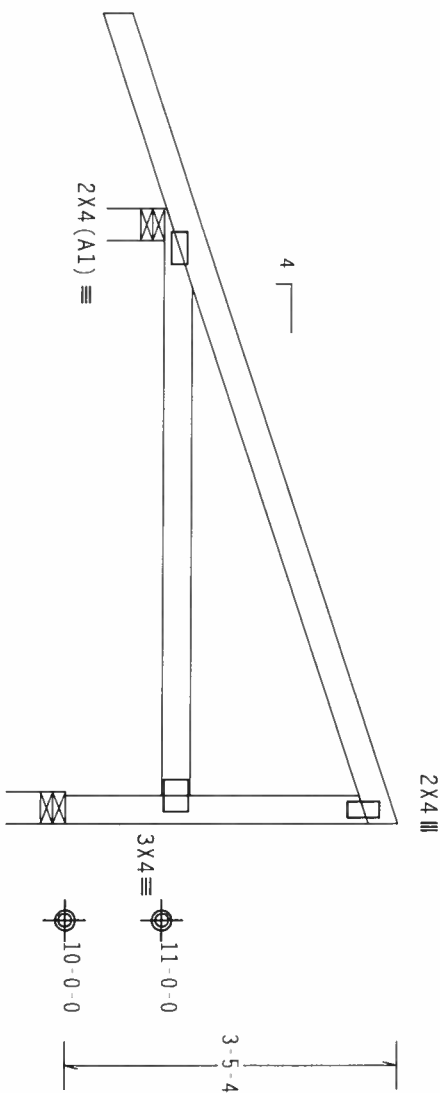
Deflection meets L/360 live and L/240 total load.

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

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.

The overall height of this truss excluding overhang is 2'-5"-4".



6'-4"-0 Over 2 Supports
R=412 U=180 W=4"
R=232 U=180 W=4"

PLT TYP. Wave\R

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

QTY:10 FL/-/5/-/R/-

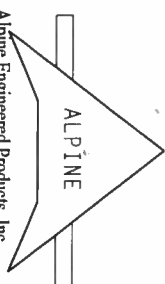
Scale = .5"/ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO NCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE NATIONAL TRUSS ASSOCIATION, 10000 DR., SUITE 200, MADISON, WI 53719, AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 INTERSTATE 40, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

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.

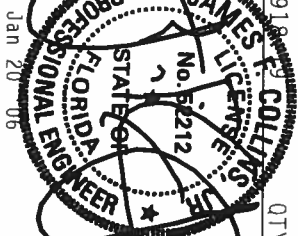
CONNECTION PLATES ARE MADE OF 20/18/16GA (W/4/5/5) ASTM A653 GRADE 40/60 (4, K/H/S) GALV. STEEL. APPLY THE FOLLOWING TO ALL TRUSSES AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING 160A-2. ANY INSPECTION OF PLATES AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING 160A-2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. A SEAL ON THIS DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



Alpine Engineered Products, Inc.

1950 Maitly Drive
Haines City, FL 33844

FL Certificate of Authorization #567

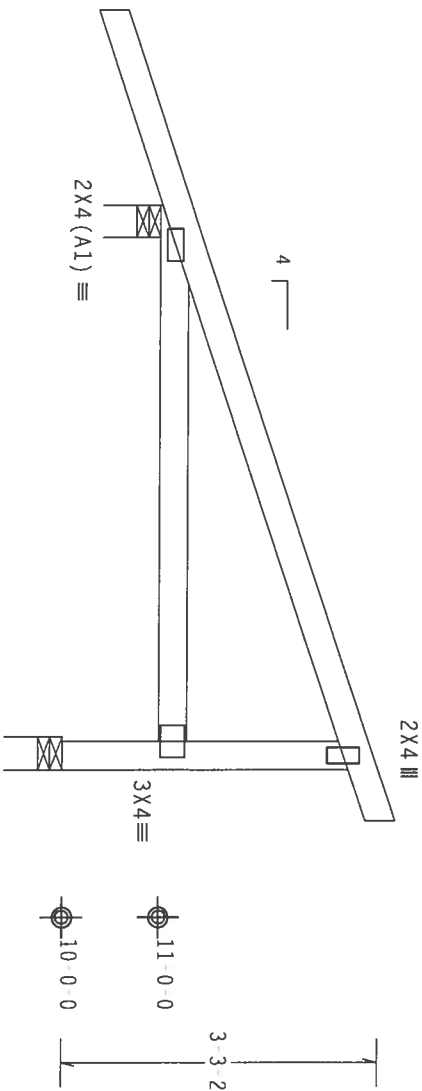


TC LL	20.0 PSF	REF	R215 - 4173
TC DL	10.0 PSF	DATE	01/19/06
BC DL	10.0 PSF	DRW	HCUSR215 06019081
BC LL	0.0 PSF	HC-ENG	RA/WHK
TOT.LD.	40.0 PSF	SEQN-	101093
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1SU0215_207

(3095 /Brian and Angie Weitzke R /OWNER BUILDER - Columbia County, FL - J6A 5'9"11 End Jack)
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.
Plates sized for a minimum of 3.00 sq.in./piece.

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.
The overall height of this truss excluding overhang is 2-5-4.



2-0-0
5-9-11 Over 2 Supports
R-391 U-180 W-4"
R-245 U-180 W-4.157"

PLT TYP. Wave\R

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

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

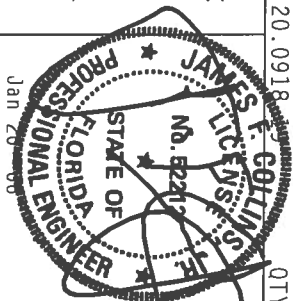
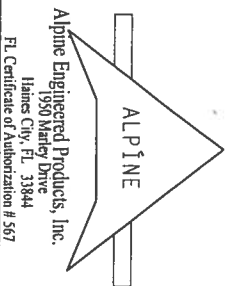
Scale = 5"/ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSP 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 10000 DR. SUITE 200, MADISON, WI 53719, AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE BLVD., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

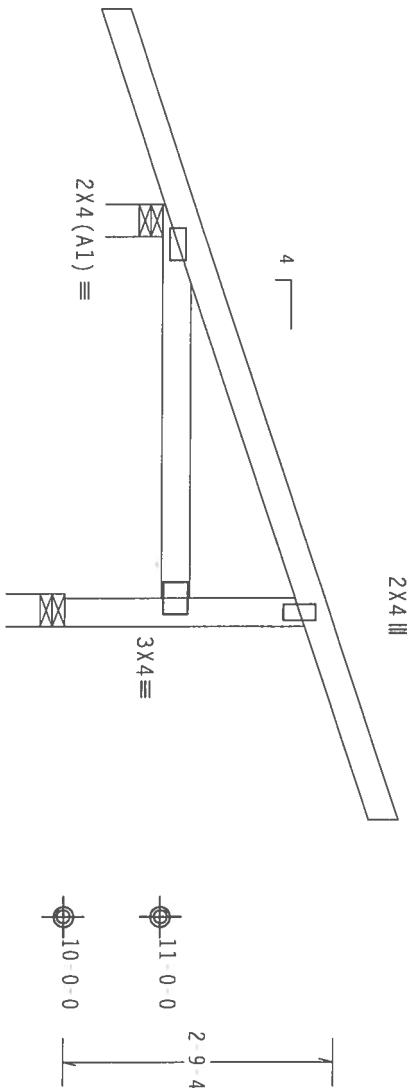
DESIGN CONDITIONS ARE BASED ON 20/10/10/0 (W, W, W, W) ASH AREA GRADE 40/60 (W, W, W, W) GALV. STEEL. APPLY THE FOLLOWING FACTORS TO THE DESIGN: 1.0 FOR WIND, 1.0 FOR SEISMIC, 1.0 FOR DEAD, 1.0 FOR LIVE, 1.0 FOR SNOW. ANY INSPECTION OF PLATES FOLLOWED BY PROFESSIONAL ENGINEERING RESPONSIBILITY. FOR THE 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 R215-4174
TC DL	10.0 PSF	DATE 01/19/06
BC DL	10.0 PSF	DRW HCUSR215 06019058
BC LL	0.0 PSF	HC-ENG RA/WHK
TOT.LD.	40.0 PSF	SEQN- 101110
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1SU0215_207

(3095-/Brian and Angie Neitzke R /OWNER BUILDER - Columbia County, FL - J6B 4'4" End Jack)
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.
Right end vertical not exposed to wind pressure.
The overall height of this truss excluding overhang is 2-5-4.



2-0-0
4-4-0 Over 2 Supports
R-306 U-180 W-4" R-306 U-180 W-4"

PLT TYP. Wave\R

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

7.20.0918

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

Scale =.5"/ft.

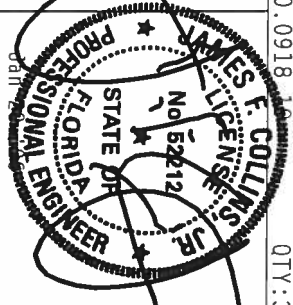
ALPINE

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 & BRACING. REFER TO BCSP 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 O'DONOHIO DR., SUITE 200, MADISON, WI 53719) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6500 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. CONNECTOR PLATES WITH APPLICABLE PROVISIONS OF WCA (NATIONAL DESIGN SPEC. BY AIA/AIA) AND TPI: ALPINE PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE INDICATED, ASH/ALUM. GRADE 40/60 (A, K/H/S) GALV. STEEL. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER A3 OF TPI'S 2002 SECTION PER DRAWINGS. TPI'S 2002 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-- 4175
TC DL	10.0 PSF	DATE 01/19/06
BC DL	10.0 PSF	DRW HCUSR215 06019066
BC LL	0.0 PSF	HC-ENG RA/WHK *
TOT.LD.	40.0 PSF	SEON- 101113
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 15U0215_207

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

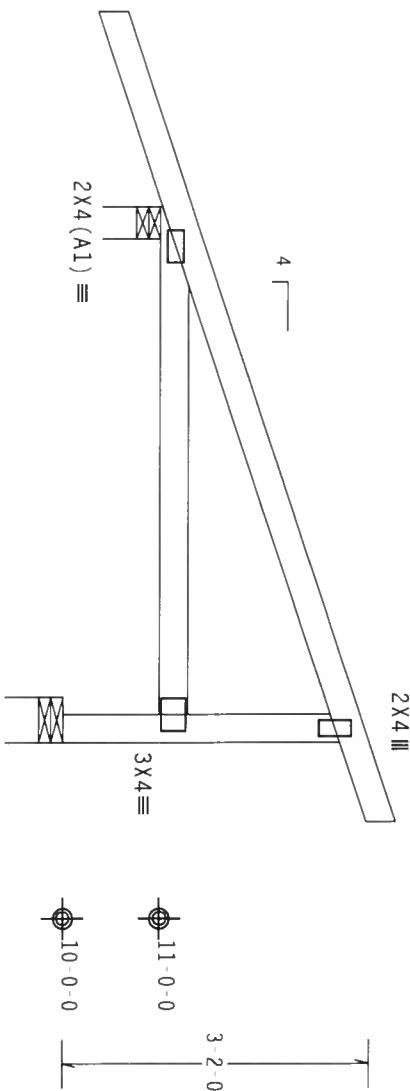
Deflection meets L/360 live and L/240 total load.

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

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.

The overall height of this truss excluding overhang is 2-5-4.



2-0-0

5-6-3 Over 2 Supports
R=377 U=180 W=4"
R=254 U=180 W=5.657"

10'-9"-13"

PLT TYP. Wave\R

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

7.20.0918

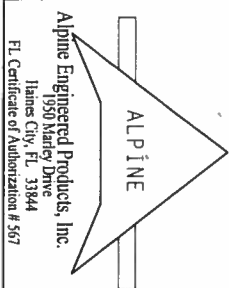
07:1 FL/-/5/-/-/R/-

Scale = .5"/Ft.

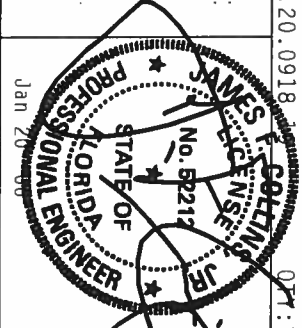
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSE 1.03 (BUILDING COMPONENT SAFETY) AND AISC 308 (STEEL ERECTORS' SAFETY CODE) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC 308 (STEEL ERECTORS' SAFETY CODE) AND TPI: ALPINE PLATES FOR EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A 2. UNLESS OTHERWISE INDICATED, ALL DIMENSIONS SHALL BE IN INCHES AND DECIMALS THEREOF. A SEAL ON THIS DRAWING INDICATES 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



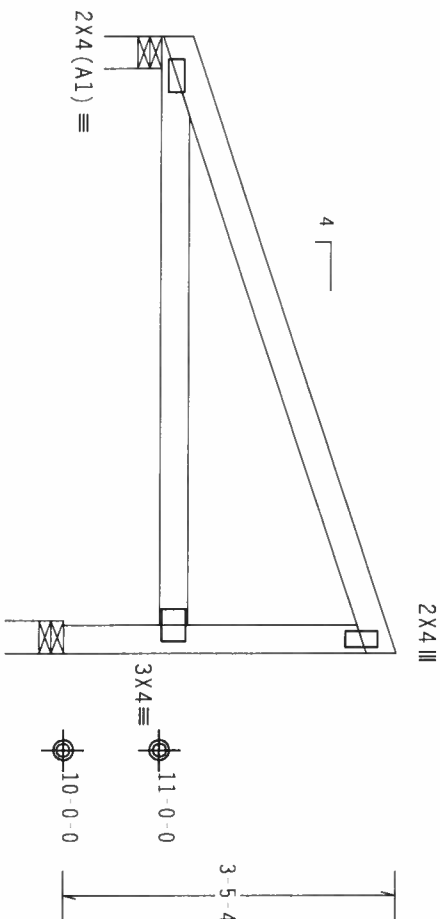
TC LL	20.0 PSF	REF R215-- 4176
BC DL	10.0 PSF	DATE 01/19/06
BC DL	10.0 PSF	DRW HCUSR215 06019065
BC LL	0.0 PSF	HC-ENG RA/WHK *
OT.LD.	40.0 PSF	SEON- 101116
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1SU0215_207

THIS WORK PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY KRUSK M-K.

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.

The overall height of this truss excluding overhang is 2-5-4.



$R=257$ $U=180$ $W=4^n$

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

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

7.20.0918

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

Scale = .5"/Ft.

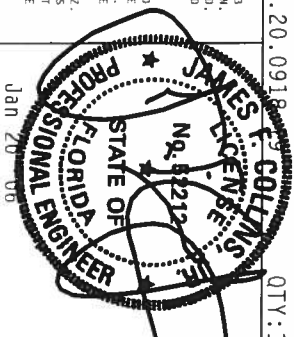
WARNING: THESE BUILDING EXISTENCE CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND OPERATING REFER TO BECI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATING INSTITUTE), 563 D'ONOFRIO RD., SUITE 200, MADISON, MI 48139, AND AFCA (WOOD TRUSS COUNCIL OF AMERICA), 6300 ENTERPRISE IN. MADISON, MI 53719 FOR SAFETY PRACTICES PRIOR TO REPAIRING 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

Alpine Engineered Products, Inc.

FL Certificate of Authorization # 567



Jan 20 06

TC LL	20.0 PSF	REF	R215 - 4177
TC DL	10.0 PSF	DATE	01/19/06
BC DL	10.0 PSF	DRW	HCUSR215 06019068
BC LL	0.0 PSF	HC-ENG RA/WHK	*
TOT.LD.	40.0 PSF	SEQN -	101119
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF -	1SU0215.207

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

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

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

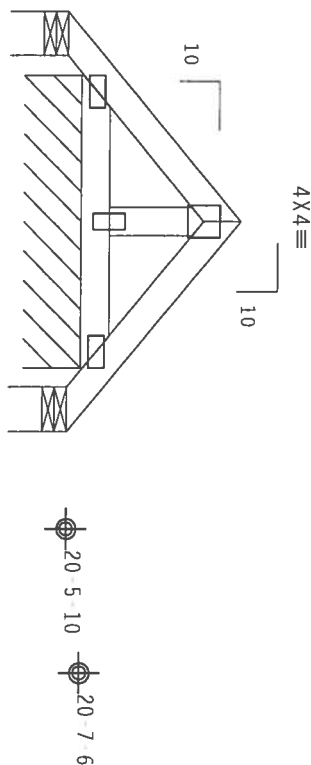
REFER TO DRAWING PIGBACK80204 FOR PIGGYBACK DETAILS.

TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED AT 24" O.C.

110 mph wind, 21.37 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=1.2 psf.

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

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



R=12 U=180 W=5.467"

R=82 PLF U=60 PLF W=3-0-0

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave\R

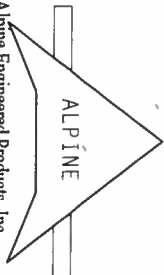
Cq/RT=1.00(1.25)/10(0)

QTY: 11 FL/-/5/-/R/-

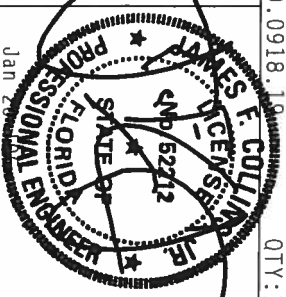
Scale = .5"/ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC&I 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC., SUITE 200, MADISON, WI 53719, AND AISC (AISC) TRUSS COUNCIL OF AMERICA, GOOD 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. 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. CONNECTION PLATES ARE MADE OF 20/18/16GA (R/4/2/5) ASTM A653 GRADE 40/60 (4, K/H/S) GALV. STEEL. APPLY TO ALL PLATES. ANY INSPECTION OF PLATES FOLLOWED BY SUCCESSFUL STRENGTH TESTING OF THIS DESIGN, POSITION PER DRAWING 160A-2. DRAWING INDICATES THE SUFFICIENCY OF PROFESSIONAL ENGINEERING RESPONSIBILITY. A SEAL ON THIS DRAWING SHOWS THE SUFFICIENCY OF PROFESSIONAL ENGINEERING RESPONSIBILITY. A SEAL ON THIS BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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



TC LL	20.0 PSF	REF R215-- 4179
TC DL	10.0 PSF	DATE 01/19/06
BC DL	2.0 PSF	DRW HCUSR215 06019080
BC LL	0.0 PSF	HC-ENG RA/WHK
TOT.LD.	32.0 PSF	SEQN- 101072
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1SU0215_207

110 mph wind, 21.33 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=1.2 psf.

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

The overall height of this truss excluding overhang is 3-7-15.

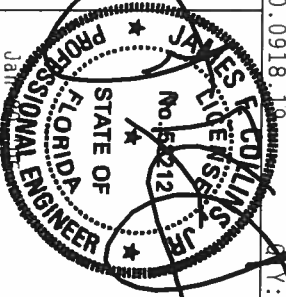


Scale = 5"/Et

SCIENCE COLLEGE
LIBRARY

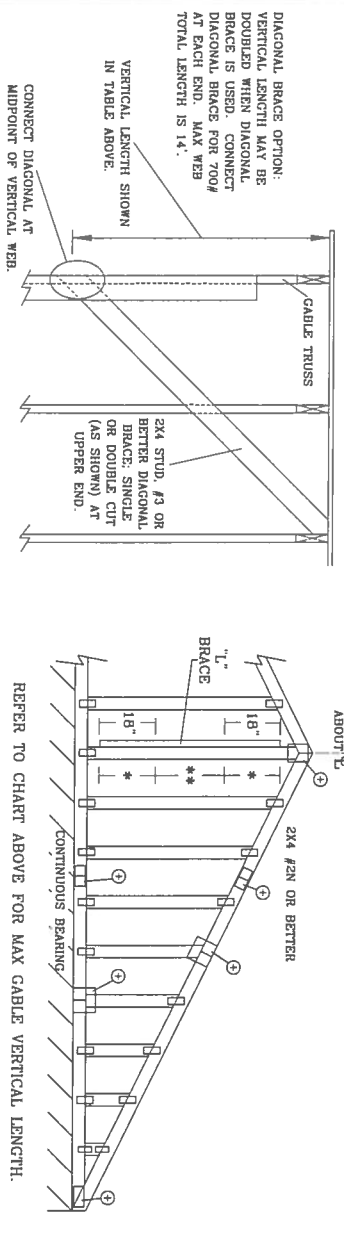
1950 Marley Drive
Haines City, FL 3384

FL Certificate of Authorization # 567



TC LL	20.0 PSF	REF	R215 - 4180
TC DL	10.0 PSF	DATE	01/19/06
BC DL	2.0 PSF	DRW	HCUSR215 06019072
BC LL	0.0 PSF	HC-ENG RA/MHK	
TOT. LD.	32.0 PSF	SEON -	101181
DUR. FAC.	1.25	FROM CDM	
SPACING	24.0"	JREF -	1SU0215_Z07

MAX GABLE VERTICAL LENGTH																
2x4 CABLE VERTICAL SPACING	VERTICAL SPECIES	BRACE GRADE	NO BRACES	(1) 1x4 "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	
12" O.C.	SPF	#1 / #2	3' 8"	6' 4"	6' 6"	7' 2"	7' 8"	8' 11"	9' 2"	11' 9"	12' 1"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
			STUD	3' 7"	5' 5"	5' 5"	7' 2"	7' 2"	8' 11"	8' 11"	11' 2"	11' 2"	14' 0"	14' 0"	14' 0"	14' 0"
			STANDARD	3' 7"	5' 5"	5' 5"	7' 1"	7' 1"	8' 11"	8' 11"	11' 1"	11' 1"	14' 0"	14' 0"	14' 0"	14' 0"
	HF	#1	4' 0"	6' 4"	6' 10"	7' 6"	8' 1"	8' 3"	8' 3"	9' 6"	9' 6"	12' 11"	12' 11"	14' 0"	14' 0"	
			#2	3' 11"	6' 4"	6' 10"	7' 6"	8' 1"	8' 11"	9' 7"	11' 9"	12' 6"	14' 0"	14' 0"	14' 0"	14' 0"
				STUD	3' 9"	5' 7"	5' 7"	7' 4"	7' 4"	8' 11"	9' 5"	11' 5"	11' 5"	14' 0"	14' 0"	14' 0"
16" O.C.	DFL	STANDARD <td>3' 8"</td> <td>4' 9"</td> <td>4' 9"</td> <td>6' 3"</td> <td>6' 3"</td> <td>8' 5"</td> <td>8' 5"</td> <td>11' 4"</td> <td>11' 4"</td> <td>14' 0"</td> <td>14' 0"</td> <td>14' 0"</td> <td>14' 0"</td>	3' 8"	4' 9"	4' 9"	6' 3"	6' 3"	8' 5"	8' 5"	11' 4"	11' 4"	14' 0"	14' 0"	14' 0"	14' 0"	
			#1 / #2	4' 2"	7' 3"	7' 5"	8' 7"	8' 10"	10' 3"	10' 6"	13' 5"	13' 10"	14' 0"	14' 0"	14' 0"	14' 0"
				#3	4' 1"	6' 8"	6' 8"	8' 7"	8' 7"	10' 3"	10' 3"	13' 5"	13' 5"	14' 0"	14' 0"	14' 0"
	HF	STANDARD <td>4' 1"</td> <td>5' 8"</td> <td>5' 8"</td> <td>7' 6"</td> <td>7' 6"</td> <td>10' 1"</td> <td>10' 1"</td> <td>11' 8"</td> <td>11' 8"</td> <td>14' 0"</td> <td>14' 0"</td> <td>14' 0"</td> <td>14' 0"</td>	4' 1"	5' 8"	5' 8"	7' 6"	7' 6"	10' 1"	10' 1"	11' 8"	11' 8"	14' 0"	14' 0"	14' 0"	14' 0"	
			#1	4' 7"	7' 3"	7' 9"	8' 7"	9' 3"	10' 3"	11' 0"	13' 5"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
				#2	4' 6"	7' 3"	7' 9"	8' 7"	9' 3"	10' 3"	11' 0"	13' 5"	14' 0"	14' 0"	14' 0"	14' 0"
24" O.C.	DFL	STANDARD <td>4' 4"</td> <td>6' 10"</td> <td>6' 10"</td> <td>8' 7"</td> <td>8' 11"</td> <td>10' 3"</td> <td>10' 9"</td> <td>13' 5"</td> <td>14' 0"</td> <td>14' 0"</td> <td>14' 0"</td> <td>14' 0"</td> <td>14' 0"</td>	4' 4"	6' 10"	6' 10"	8' 7"	8' 11"	10' 3"	10' 9"	13' 5"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	
			#1	4' 4"	6' 9"	6' 9"	8' 7"	8' 7"	9' 10"	10' 3"	13' 5"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
				#2	4' 2"	5' 10"	5' 10"	7' 8"	7' 8"	10' 3"	10' 4"	11' 11"	11' 11"	14' 0"	14' 0"	14' 0"
	SPF	STUD <td>4' 6"</td> <td>7' 8"</td> <td>7' 8"</td> <td>9' 5"</td> <td>9' 5"</td> <td>11' 3"</td> <td>11' 3"</td> <td>14' 0"</td> <td>14' 0"</td> <td>14' 0"</td> <td>14' 0"</td> <td>14' 0"</td> <td>14' 0"</td>	4' 6"	7' 8"	7' 8"	9' 5"	9' 5"	11' 3"	11' 3"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	
			#3	4' 6"	7' 8"	7' 8"	9' 5"	9' 5"	11' 3"	11' 3"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
				STANDARD	4' 6"	7' 8"	7' 8"	9' 5"	9' 5"	11' 3"	11' 3"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
12" O.C.	SPF	#1 / #2	4' 6"	6' 7"	6' 7"	8' 8"	8' 8"	11' 3"	11' 3"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	
			#1	5' 1"	8' 0"	8' 7"	9' 5"	10' 2"	11' 3"	12' 1"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
				#2	4' 11"	8' 0"	8' 7"	9' 5"	10' 2"	11' 3"	12' 1"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	HF	STUD <td>4' 9"</td> <td>7' 11"</td> <td>7' 11"</td> <td>9' 5"</td> <td>9' 11"</td> <td>11' 3"</td> <td>11' 10"</td> <td>14' 0"</td> <td>14' 0"</td> <td>14' 0"</td> <td>14' 0"</td> <td>14' 0"</td> <td>14' 0"</td>	4' 9"	7' 11"	7' 11"	9' 5"	9' 11"	11' 3"	11' 10"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	
			#3 <td>4' 9"</td> <td>7' 9"</td> <td>7' 9"</td> <td>9' 5"</td> <td>9' 11"</td> <td>11' 3"</td> <td>11' 10"</td> <td>14' 0"</td> <td>14' 0"</td> <td>14' 0"</td> <td>14' 0"</td> <td>14' 0"</td> <td>14' 0"</td>	4' 9"	7' 9"	7' 9"	9' 5"	9' 11"	11' 3"	11' 10"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
				STANDARD	4' 7"	6' 9"	6' 9"	8' 10"	8' 10"	11' 3"	11' 10"	13' 10"	13' 10"	14' 0"	14' 0"	14' 0"



ALPINE

ALPINE ENGINEERED PRODUCTS, INC.
POMPAHO BEACH, FLORIDA

MAX. TOT. LD. 60 PSF

MAX. SPACING 24.0"

BRACING GROUP SPECIES AND GRADES:			
GROUP A:		GROUP B:	
SPRUCE-PINE-FIR	HEM-FIR	DOUGLAS FIR-LARCH	DOUGLAS FIR-LARCH
#1 / #2	#2	#1	#1
STANDARD	STUD	STANDARD	STUD
#3	STANDARD	STANDARD	STANDARD

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

PROVIDE UPLIFT CONNECTIONS FOR 100 PSF OVER CONTINUOUS BEARING (5 PSF TO DEAD LOAD).

CABLE END SUPPORTS LOAD FROM 4' 0" OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" PLYWOOD OVERHANG.

ATTACH EACH "L" BRACE WITH 104 NAILS.

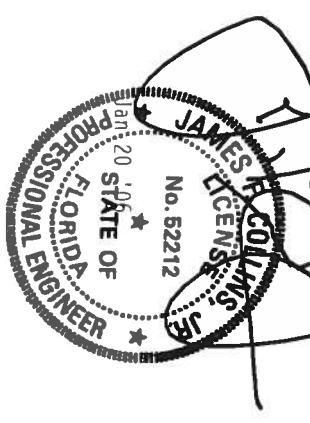
* FOR (1) "L" BRACE: SPACE NAILS AT 2' 0" IN 16' END ZONES AND 4' 0" O.C. BETWEEN ZONES.

** FOR (2) "L" BRACES: SPACE NAILS AT 3' 0" IN 16' END ZONES AND 6' 0" O.C. BETWEEN ZONES.

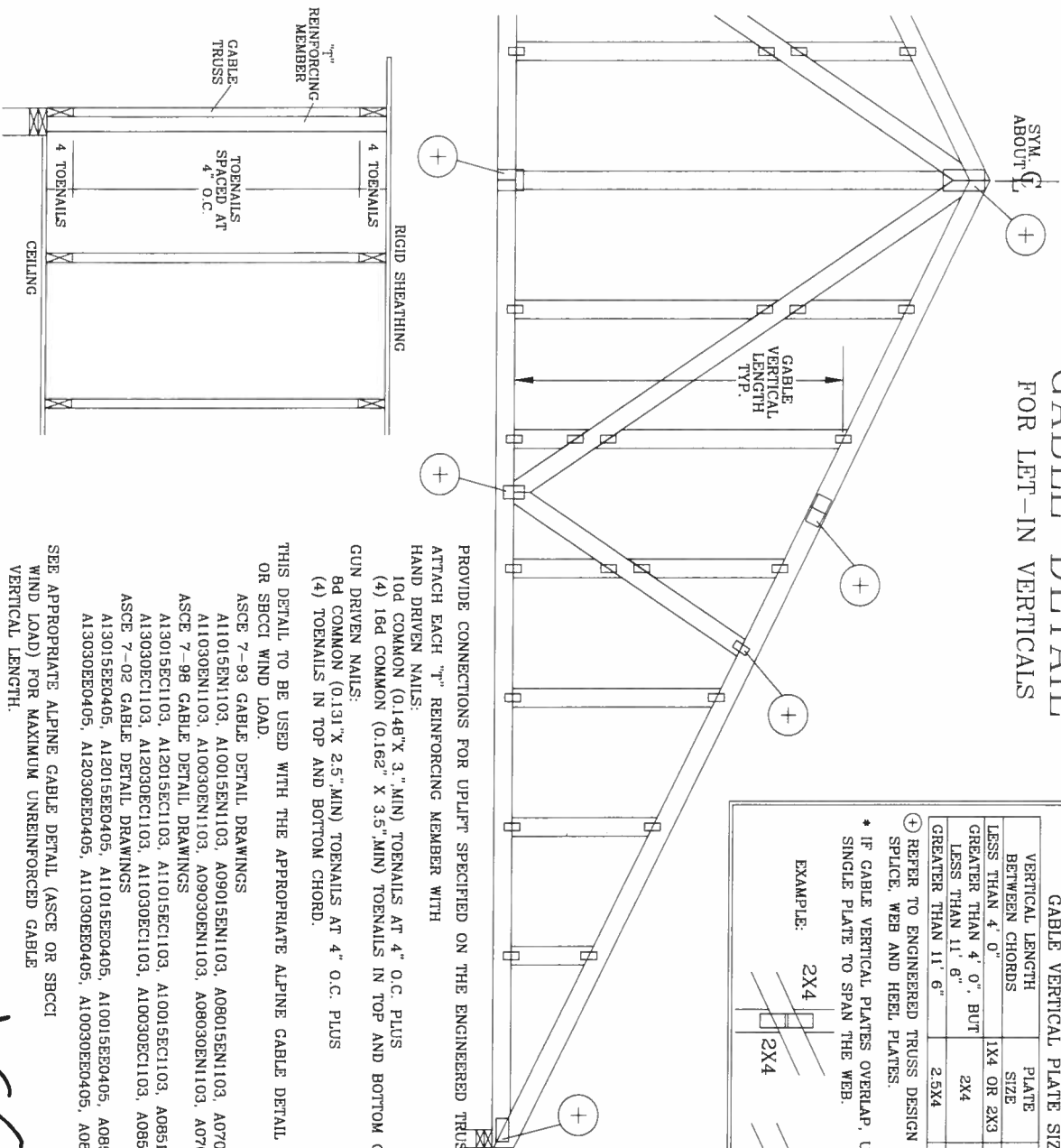
"L" BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH.

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

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



GABLE DETAIL FOR LET-IN VERTICALS



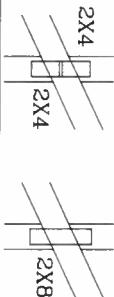
GABLE VERTICAL PLATE SIZES

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:



PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.
 ATTACH EACH "T" REINFORCING MEMBER WITH
 HAND DRIVEN NAILS:
 (4) 16d COMMON (0.148" X 3" 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:
 (4) TOENAILS IN TOP AND BOTTOM CHORD.
 (4) TOENAILS AT 4" O.C. PLUS

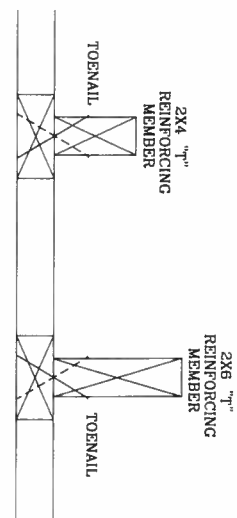
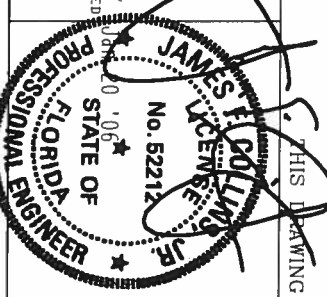
THIS DETAIL TO BE USED WITH THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR SBCCI WIND LOAD.

- ASCE 7-93 GABLE DETAIL DRAWINGS
- A101015EN1103, A10015EN1103, A09015EN1103, A07015EN1103
 - A11030EN1103, A10030EN1103, A09030EN1103, A08030EN1103, A07030EN1103
- ASCE 7-98 GABLE DETAIL DRAWINGS
- A13015EC1103, A12015EC1103, A11015EC1103, A08515EC1103
 - A13030EC1103, A12030EC1103, A11030EC1103, A08530EC1103
- ASCE 7-02 GABLE DETAIL DRAWINGS
- A13015EE0405, A12015EE0405, A11015EE0405, A08515EE0405
 - A13030EE0405, A12030EE0405, A11030EE0405, A08530EE0405

SEE APPROPRIATE ALPINE GABLE DETAIL (ASCE OR SBCCI WIND LOAD) FOR MAXIMUM UNREINFORCED GABLE VERTICAL 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 OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719 AND WCTA (WOOD TRUSS COUNCIL) FOR 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 AIA/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 BY PERMANENT MARKING, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY CD SHALL BE PERMANENT. THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. A SEAL OR OTHER IDENTIFYING DEVICE IS NOT SHOWN. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2



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.

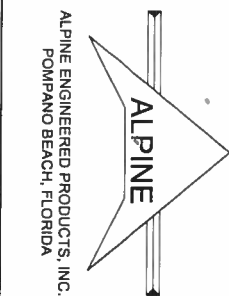
WEB LENGTH INCREASE W/ "T" BRACE

WIND SPEED AND MRR	"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 %	30 %
15 FT	2x6	10 %	20 %
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 "T" BRACE LENGTH = 6' 7"
 MAXIMUM "T" REINFORCED GABLE VERTICAL LENGTH
 1.10 x 6' 7" = 7' 3"

THIS DRAWING REPLACES DRAWINGS CAB98117 876,719 & HC26294035

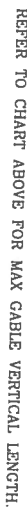
REF	LET-IN VERT
DATE	04/14/05
DRWG	GBLETTN0405
-ENG	DLJ/KAR
MAX TOT. LD.	60 PSF
DUR. FAC.	ANY
MAX SPACING	24.0"



ALPINE ENGINEERED PRODUCTS, INC.
 POMPANO BEACH, FLORIDA

CABLE VERTICAL PLATE SIZES	
VERTICAL LENGTH	NO SPLICE
LESS THAN 4' 0"	1X4 OR 2X3
GREATER THAN 4' 0" BUT LESS THAN 11' 6"	2X4
GREATER THAN 11' 6"	2.5X4

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



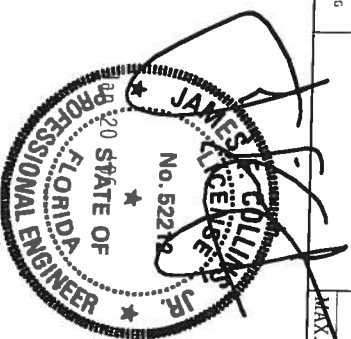
ALPINE

MAX. TOT. LD. 60 PSF

~~MAX.~~ SPACING 24.0"

REF	ASCE7-02-CAB11015
DATE	04/15/05
DRWG	A11015EE0405
-ENG	

-ENG



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.

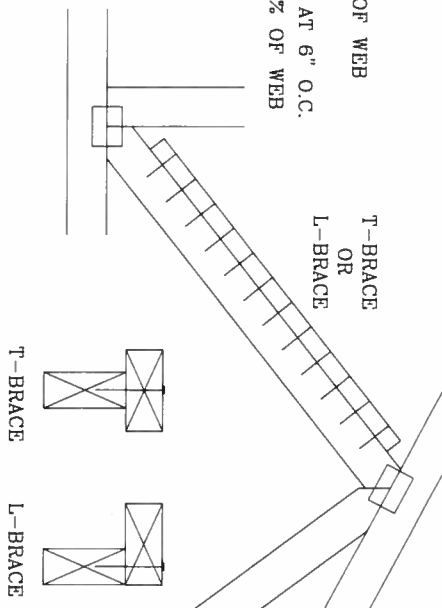
WEB MEMBER SIZE	SPECIFIED CLB BRACING	T OR L-BRACE	ALTERNATIVE SCAB BRACING
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

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.

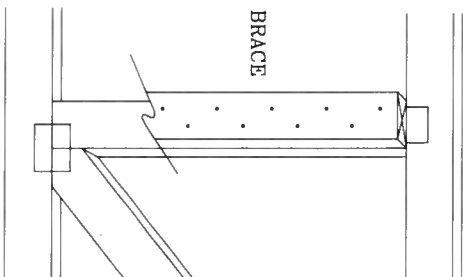
T-BRACING
OR
L-BRACING:

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:

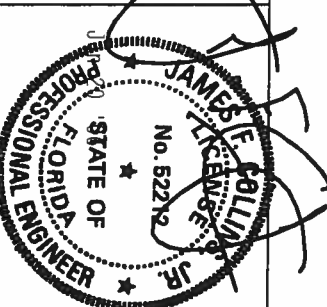
APPLY SCAB(S) TO WIDE FACE OF WEB.
NO MORE THAN (1) SCAB PER FACE.
ATTACH WITH 10d OR .128"x3" GUN NAILS AT 6" O.C. BRACE IS A MINIMUM 80% OF WEB MEMBER LENGTH



THIS DRAWING REPLACES DRAWING 579,640

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS DESIGN, INC., 5833 HENDRIX DR., SUITE 200, MADISON, WI 53719 AND AISC (WOOD TRUSS CONSTRUCTION) FOR THE LATEST EDITIONS OF THESE PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, ALL DIMENSIONS ARE IN INCHES. UNLESS OTHERWISE INDICATED, 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. FOR WOOD) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/S/K) ASTM A653 GRADE 40/60/40D AND 20/18/16GA (W/H/S/K) ASTM A653 GRADE 40/60/40D. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS. A SEAL ON THIS DRAWING INDICATES REVIEWED BY A 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.



T/C LL	PSF	REF	CLB SUBST.
T/C DL	PSF	DATE	11/26/03
BC DL	PSF	DRWG	BCLBSUB1103
BC LL	PSF	-ENG	MLH/KAR
TOT. LD.	PSF		
DUR. FAC.			
SPACING			

