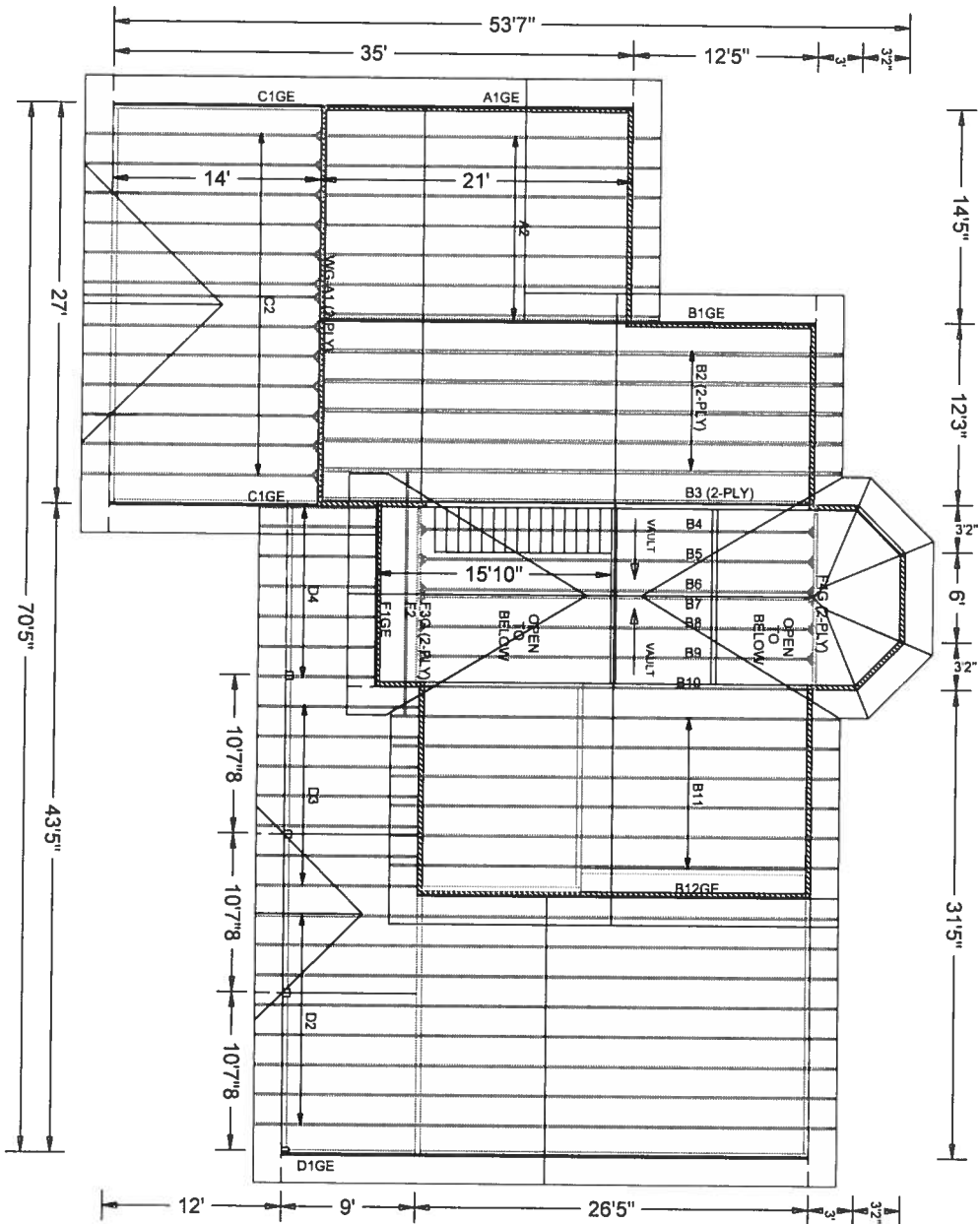




W.B. Howland Truss Co.
P.O. Box 700
Live Oak, FL 32064
(386) 362-1235
(386) 362-7124 (fax)

ROOF PITCH: 6/12 & 10/12
CLG PITCH: 7/12
OVERHANG: 1' 10 1/2"
LOADING: 40 PSF T.L./SHINGLE
WINDLOAD: 110 MPH/ENCLOSED BLDG.
EXT WALLS: 2x4 FRAMING
DATE: 12-8-05

NOTES:
ALL GABLE END TRUSSES HAVE
A DROPPED TOP CHORD FOR
2x4 OUTLOOKERS
FRONT GABLES TO BE CONV. FRAMED
ALL GABLE END TRUSSES HAVE VERT.
WEBS SPACED @ 16" O.C.

Job Name: Angel Gomez Residence
Customer: EDGELY CONSTRUCTION
Designer: Chris McCall

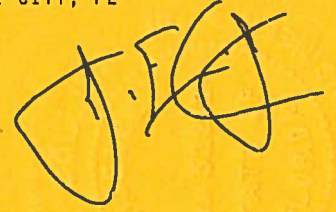
JOB NO:
3010

PAGE NO:
1 OF 1

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:1SSU215-Z0509133925

Truss Fabricator: W.B. Howland
Job Identification: 3010-/Angel Gomez Residence /EDGELY CONSTRUCTION -- LAKE CITY, FL
Truss Count: 25
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 - 40.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-02 -Closed



Notes:

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

Seal Date: 12/09/2005

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

Details: BRCLBSUB-CNBRGBLK

#	Ref	Description	Drawing#	Date
1	62142--	A1GE 21' Gable	05343025	12/09/05
2	62143--	A2 21' Common	05343026	12/09/05
3	62144-B1GE	33'5" Gable	05343027	12/09/05
4	62145-B2 (2-PLY)	33'5"	05343028	12/09/05
5	62146-B3 (2-PLY)	33'5"	05343029	12/09/05
6	62147--	C1GE 14' Gable	05343022	12/09/05
7	62148--	C2 14' Mono	05343030	12/09/05
8	62149-F1GE	12'4" Gable	05343031	12/09/05
9	62150--	F2 12'4" Common	05343032	12/09/05
10	62151-F3G (2-PLY)	12'4"	05343045	12/09/05
11	62152-F4G (2-PLY)	12'4"	05343046	12/09/05
12	62153--	B4 26'5" Common	05343033	12/09/05
13	62154--	B5 26'5" Common	05343034	12/09/05
14	62155--	B6 26'5" Common	05343035	12/09/05
15	62156--	B7 26'5" Mono	05343036	12/09/05
16	62157--	B8 26'5" Mono	05343037	12/09/05
17	62158--	B9 26'5" Mono	05343038	12/09/05
18	62159--	B10 26'5" Mono	05343023	12/09/05
19	62160--	B11 26'5" Mono	05343024	12/09/05
20	62161-B12GE	26'5" Comm	05343039	12/09/05
21	62162--	D2 35'5" Common	05343040	12/09/05
22	62163-D1GE	35'5" Gable	05343041	12/09/05
23	62164--	D3 9' Common	05343042	12/09/05
24	62165--	D4 6' Special	05343043	12/09/05
25	62166-WG-A1 (2-PLY)	27	05343044	12/09/05



Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Page 1 of 1 Document ID: ISSU215-Z0509133925

Truss Fabricator: W.B. Howland
Job Identification: 3010-/Angel Gomez Residence /EDGEY CONSTRUCTION -- LAKE CITY, 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 - 40.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-02 -Closed

Notes:

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

Seal Date: 12/09/2005

-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	62142--A1GE	21' Gable	05343025	12/09/05
2	62151-F3G (2-PLY)	12'4	05343045	12/09/05
3	62152-F4G (2-PLY)	12'4	05343046	12/09/05
4	62166-WG-A1 (2-PLY)	27	05343044	12/09/05



Top chord 2x4 SP #2 N : T2 2x8 SP SS:

Bot	chord	2x4	SP	#2	N
	webs	2x4 <td>SP <td>#2 <td>N</td> </td></td>	SP <td>#2 <td>N</td> </td>	#2 <td>N</td>	N

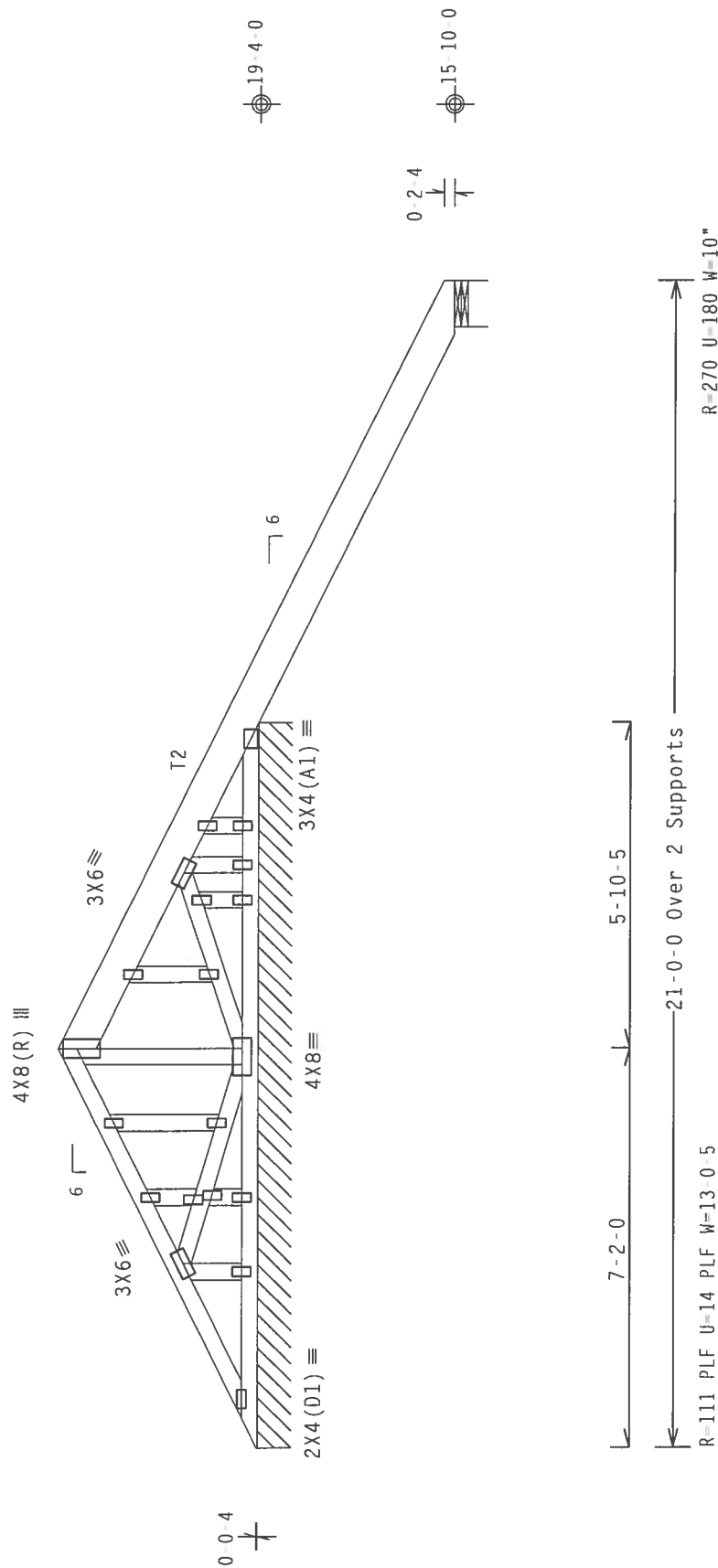
Deflection meets L/360 live and L/240 total load.

The overall height of this truss excluding overhang is 37.4.

110 mph wind, 19.48 ft mean ht, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

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.



Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

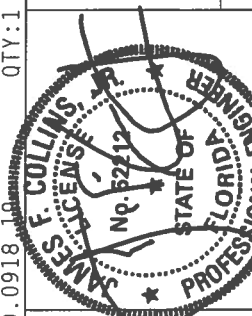
PLT TYP. Wave/R

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

****WARNING**** THESE REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING TO PREVENT DAMAGE TO THE BUILDING COMPONENTS. PUBLISHED BY IPF THRUSS PANEL INSTITUTE, 563 S. GARDEN AVENUE, SUITE 200, CHICAGO, ILL. 60606-7899. SAFETY FUNCTIONS MUST BE PROPERLY VERIFIED BY A QUALIFIED PERSON BEFORE ANY LOADS ARE APPLIED TO THE TRUSS PANELS. FOR SAFETY REASONS PRIOR TO PERFORMING THESE FUNCTIONS, THE FOLLOWING INFORMATION IS PROVIDED:

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

*****IMPORTANT***** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE CONTRACTOR SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AIAA) AND TYPE III ALPINE CONNECTOR PLATES ARE MADE OF 20/18/1664 (W-1/8"X1/8") ASTM A563 GRADE 40/60 (W-1/8"X1/8") GALV. STEEL PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED IN THIS DESIGN, POSITION PER DRAWINGS 160A.2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AIAA X-3 OF 1971 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT



TC LL	20.0	PSF	REF R215	62142
TC DL	10.0	PSF	DATE	12/09/05
BC DL	10.0	PSF	DRW HCUR215	05343025
BC LL	0.0	PSF	HC-ENG RA/WHK	
TOT.LD.	40.0	PSF	SEQN-	97152 REV
DUR.FAC.	1.25		FROM	CDM

(3010 -)Angel Gomez Residence /EDGELY CONSTRUCTION LAKE CITY, FL B1GE 33'-5" Gable)

Top chord 2x6 SP #2 N :T1 2x4 SP #2 Dense:
Bot chord 2x4 SP #2 N :W7 2x4 SP #2 Dense:
Webs 2x4 SP #2 N :W7 2x4 SP #2 Dense:

110 mph wind, 21.03 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Calculated horizontal deflection is 0.13" due to live load and 0.14" due to dead load.

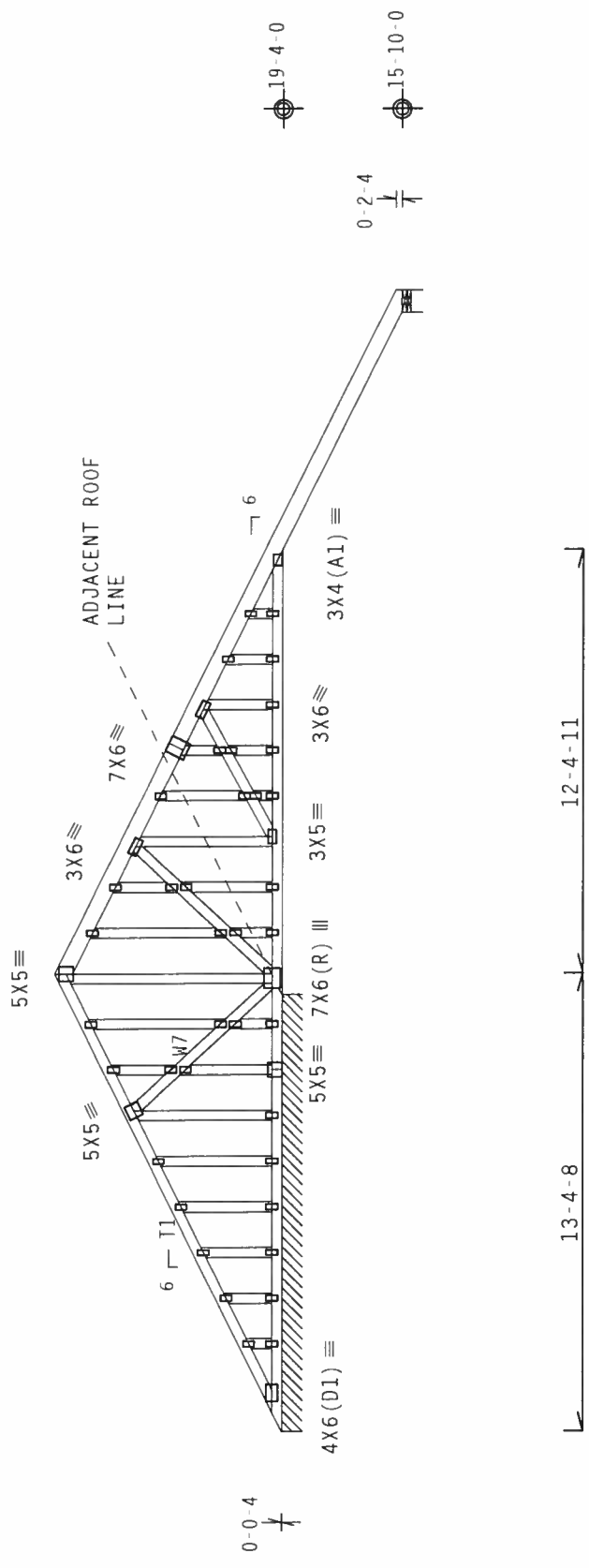
Deflection meets L/360 live and L/240 total load.

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

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

SEE DWGS A11030EC00405 FOR ADDITIONAL REQUIREMENTS.

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.

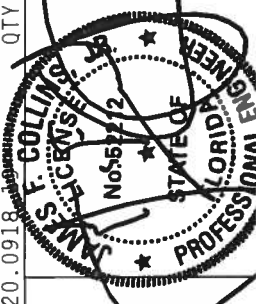


33-5-0 Over 2 Supports
R=185 PLF U-26 PLF W-12-9 0
R-374 U=180 W=8"

Note: All Plates Are 2X4 Except As Shown.

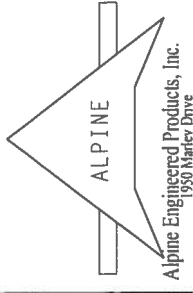
Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave\R	QTY:1	FL/-/5/-/R/-	Scale = .1875"/Ft.
	TC LL	20.0 PSF	REF R215-- 62144
	TC DL	10.0 PSF	DATE 12/09/05
	BC DL	10.0 PSF	DRW HCUSR215 05343027
	BC LL	0.0 PSF	HC-ENG RA/WHK
	TOT.LD.	40.0 PSF	SEQN- 106778
	DUR.FAC.	1.25	FROM CDM



****WARNING**** TRUSSES REQUIRE EXERCISE CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 DOWNEY RD., SUITE 200, MADISON, WI 53719), AND MECA (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 TO THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE INSTALLATION CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE DESIGN OF THE TRUSS SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE INSTALLATION CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE DESIGN OF THE TRUSS SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR.



Top chord	2x4	SP #2	N :T3	2x10	SP #2	N :T4	2x10	SP SS:
Bot chord	2x4	SP #2	N :B2	2x4	SP SS:			

Webs 2x4 SP #2 N

:Rt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.500'

110 mph wind, 21.36 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Calculated horizontal deflection is 0.23" due to live load and 0.24" due to dead load.

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

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

NOTE: TRUSS HAS NOT BEEN DESIGNED TO CARRY ANY ADDITIONAL LOAD.

2 COMPLETE TRUSSES REQUIRED

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

Top Chord: 1 Row @ 3.00" o.c.

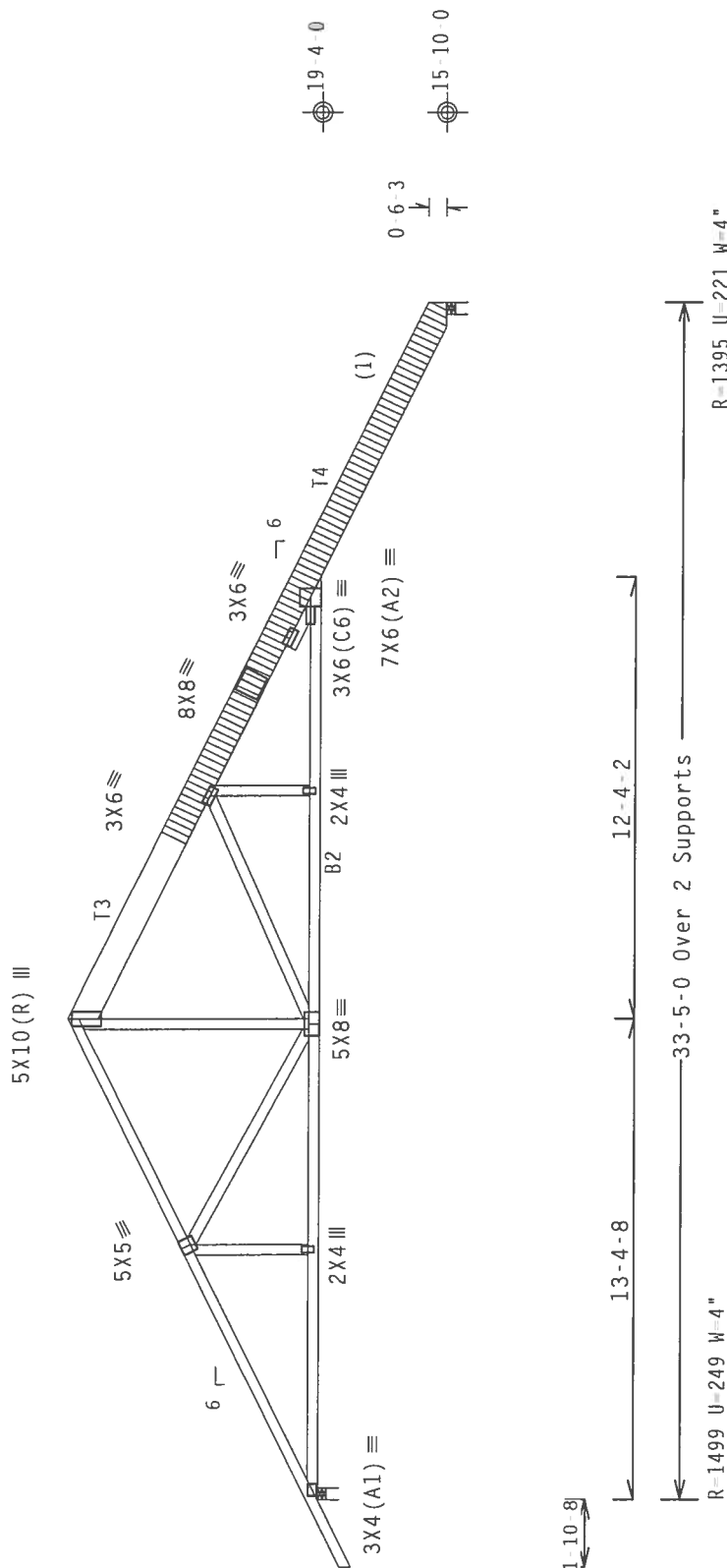
Bot Chord: 1 Row @12.00" o.c.

Webs : 1 Row @ 4" O.C.

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

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

(1) 2X10x16-9-12 SP SS scab at right end. Attach scab to face of chord with: 10d Box or Gun (0.128"x3", min.) nails @ 8" OC, plus additional nail clusters at : BRG.: (3), heel: (12), 1st panel point: (10).



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 FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESS 1-03 (BUILDING COMPONENT SAFETY) FOR INFORMATION. PUBLISHED BY THE TRUSS PEAKE INSTITUTE, 583 MADISON, MA 02148. FOR MORE INFORMATION, CONTACT THE TRUSS PEAKE INSTITUTE, 583 MADISON, MA 02148. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CELLING.

[illegible][illegible]

TC LL 20.0 PSF

10.02.2017

TCD 100 PSE

L
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 D

5
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2
4

154 0:0 77 28

TOT.LD. 40.0 PSF

DUR. FAC.	1.25
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ALPINE

Alpine Engineered Products, Inc.
1950 Marley Drive

Top chord 2x4 SP #2 N :T3 2x10 SP #2 N :T4 2x10 SP SS:
Bot chord 2x4 SP #2 N :B2 2x4 SP SS:
Webs 2x4 SP #2 N

:Rt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.500'

110 mph wind, 21.36 ft mean hgt, ASCE 7 02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

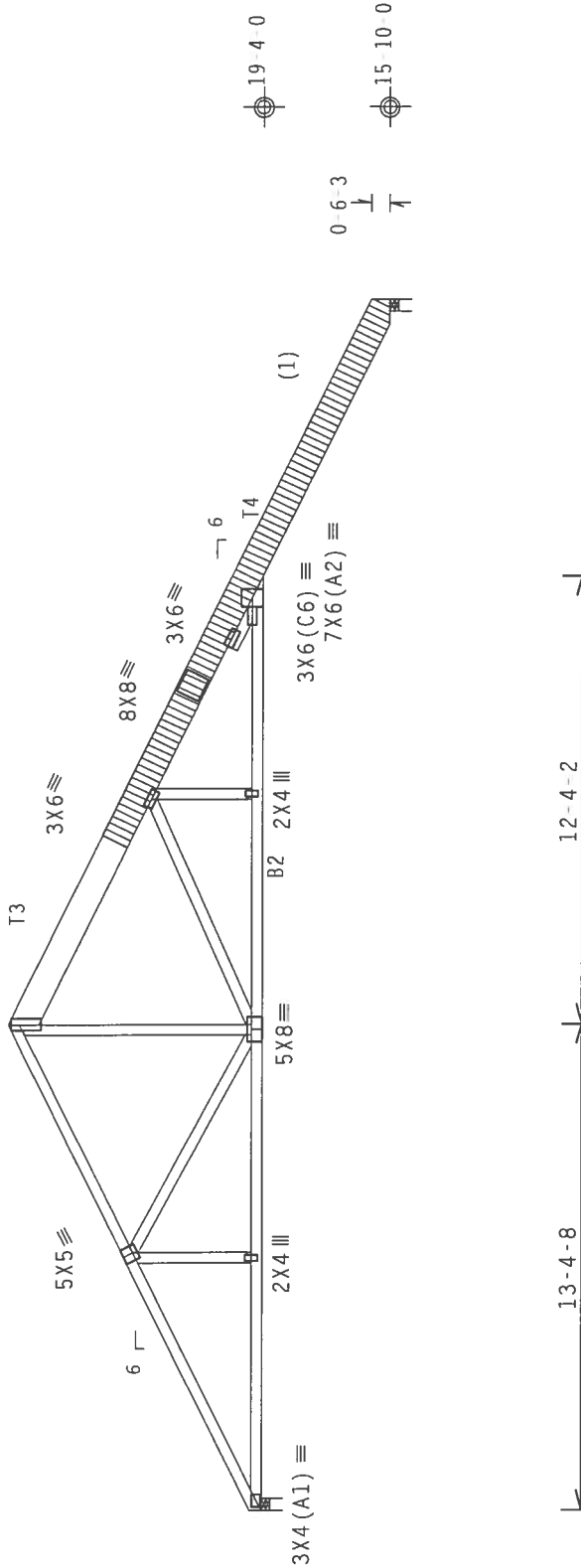
Calculated horizontal deflection is 0.23" due to live load and 0.25" due to dead load.

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

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

NOTE: TRUSS HAS NOT BEEN DESIGNED TO CARRY ANY ADDITIONAL LOAD.

4X10(R) III



33'-5" Over 2 Supports

R=1370 U-214 W=4"

R=1400 U-222 W=4"

2 COMPLETE TRUSSES REQUIRED

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

Top Chord: 1 Row @ 3.00" o.c.

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

Webs : 1 Row @ 4" o.c.

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

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

(1) 2X10x16-9 12 SP SS scab at right end. Attach scab to face of chord with: 10d Box or Gun (0.128"x3", min.) nails @ 8" OC, plus additional nail clusters at : BRG.: (3), heel: (12), 1st panel point: (10).

PLT TYP. Wave/R

Design Crit: TPI-2002(STD)/FBC

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

7.20.0918

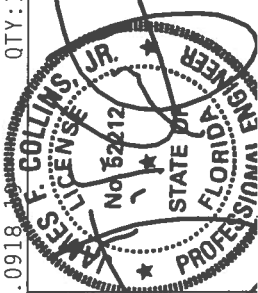
QTY:1

FL/-/5/-/R/-

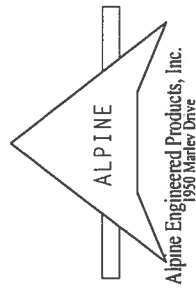
Scale =.1875"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESI 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 INTERPRET LBL, 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 SHALL BE THE RESPONSIBILITY OF 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 SHALL BE THE RESPONSIBILITY OF 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 SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR.



REF	R215 -	62146
DATE	12/09/05	
DRW	HCUSR215	05343029
HC-ENG	RA/WHK	
SEON-	106247	
FROM	CDM	



(3010) /Angel Gomez Residence /EDGEY CONSTRUCTION - LAKE CITY, FL - CIGE 14' Gable)

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

Left end vertical not exposed to wind pressure.

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

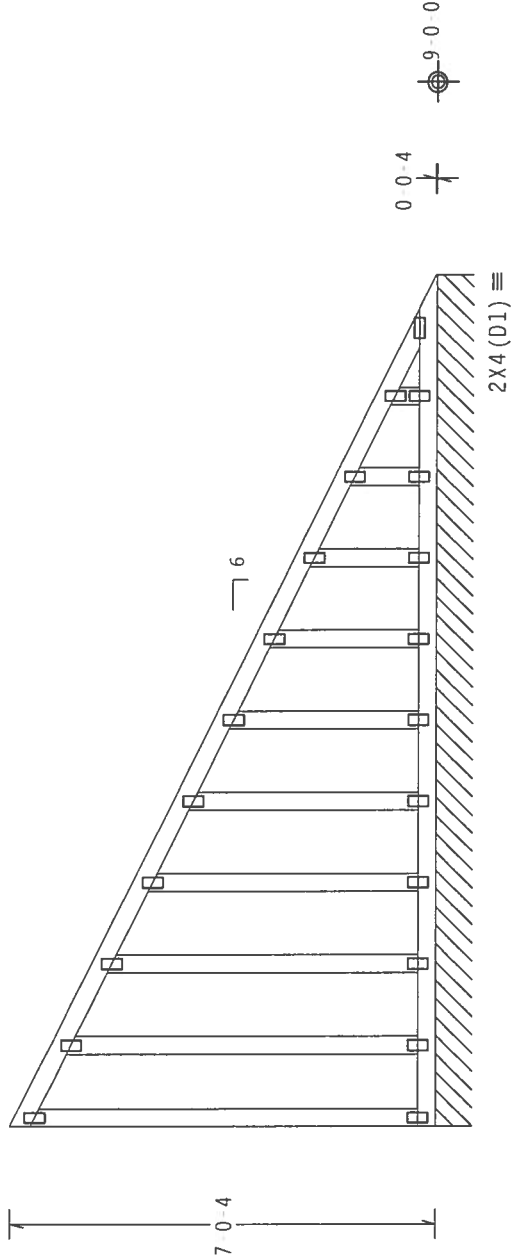
The overall height of this truss excluding overhang is 7 0 4.

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

See DWGS A11015EE0405 & GBLLETIN0405 for more requirements.

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

THE 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.



R-82 PLF U-13 PLF W-14 0 0

14-0-0 Over Continuous Support

Note: All Plates Are 2x4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

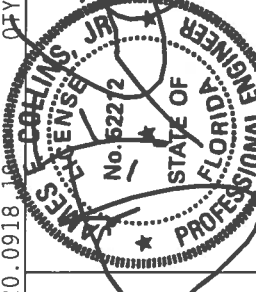
PLT TYP. Wave\R

Cq/RT=1.00(1.25)/10(0) 7.20.0918.18

Scale = .3125"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND MCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED CEILING.

****IMPORTANT**** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN ACCORDANCE WITH THE DESIGN INFORMATION SHALL BE THE RESPONSIBILITY OF THE INSTALLER. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE NATIONAL DESIGN SPEC. FOR STEEL CONSTRUCTION. CONNECTION PLATES ARE MADE OF 20/18/16GA (H/J/S/K) ASTM A653 GRADE 40/60 (H/J/S/K) GALV STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A.2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF IP11 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN. THE CONTRACTOR SHALL USE OF THIS DOCUMENT FOR AND BE RESPONSIBLE FOR THE PERFORMANCE OF THE TRUSS.



REF	R215 -	62147
DATE	12/09/05	
DRW	HCUSR215	05343022
HC-ENG	RA/WHK	*
SEQN	106091	
FROM	CDM	

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

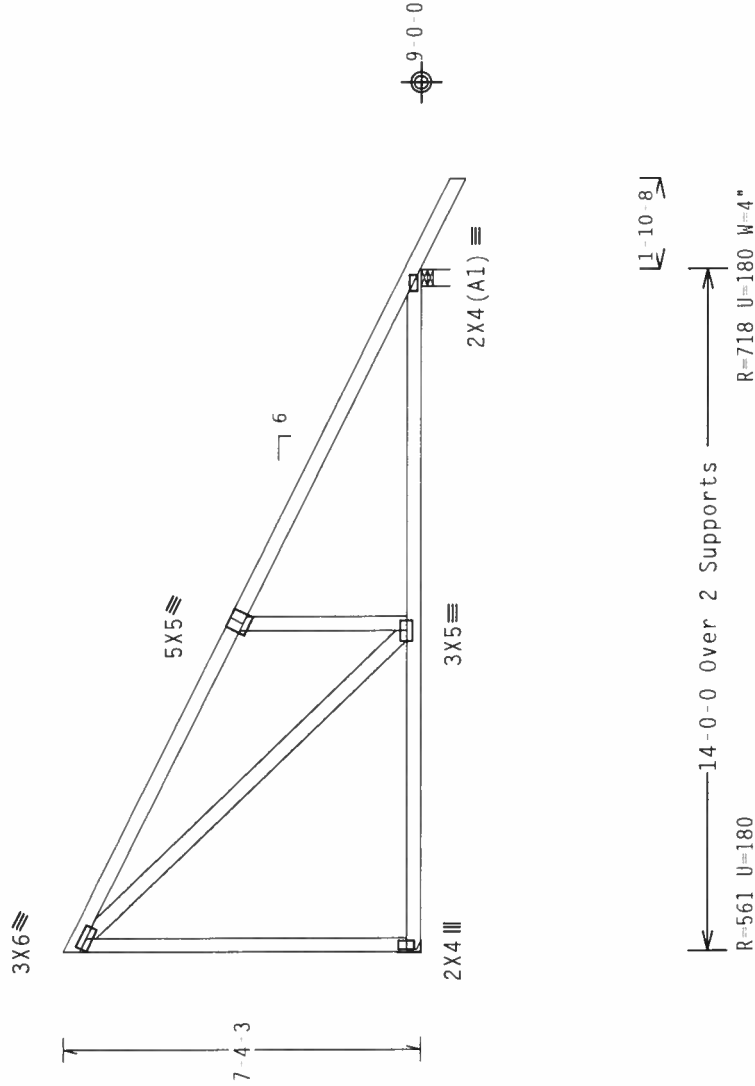
Left end vertical not exposed to wind pressure.

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

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 7-4-3.



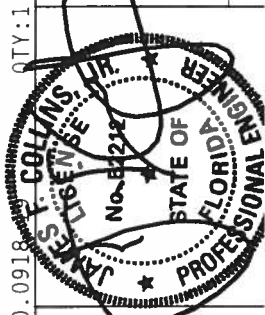
Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave\R

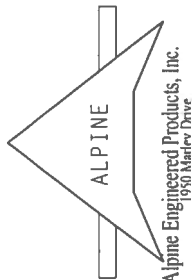
QTY: 1 FL/-/5/-/-/R/- Scale = .25"/Ft.

****WARNING**** TRUSSES REQUIRE EXERCISE CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'AMORELLO DR., SUITE 200, MADISON, WI 53719) AND NCA (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 TRUSSES IN CONFORMANCE WITH TPI'S OR FABRICATING, HANDLING, SHIPPING, BY ANY OTHER MEANS, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. CONNECTOR PLATES ARE MADE OF 20/10/18GA IN 1/8" X 5/8" ASPEN 1653 DESIGN (16/16G (1/8" X 5/8" 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 ADHES A3 OF TPI 2002 SEC 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT.



REF	R215 -	62148
DATE	12/09/05	
DRW	HCUSR215	05343030
HC-ENG	RA/WHK	
SEQN	97143	
FROM	CDM	



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

110 mph wind, 22.12 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.

Gable end supports 8" max rake overhang.

See DWGS A11030EE0405 & GBLLETIN0405 for more requirements.

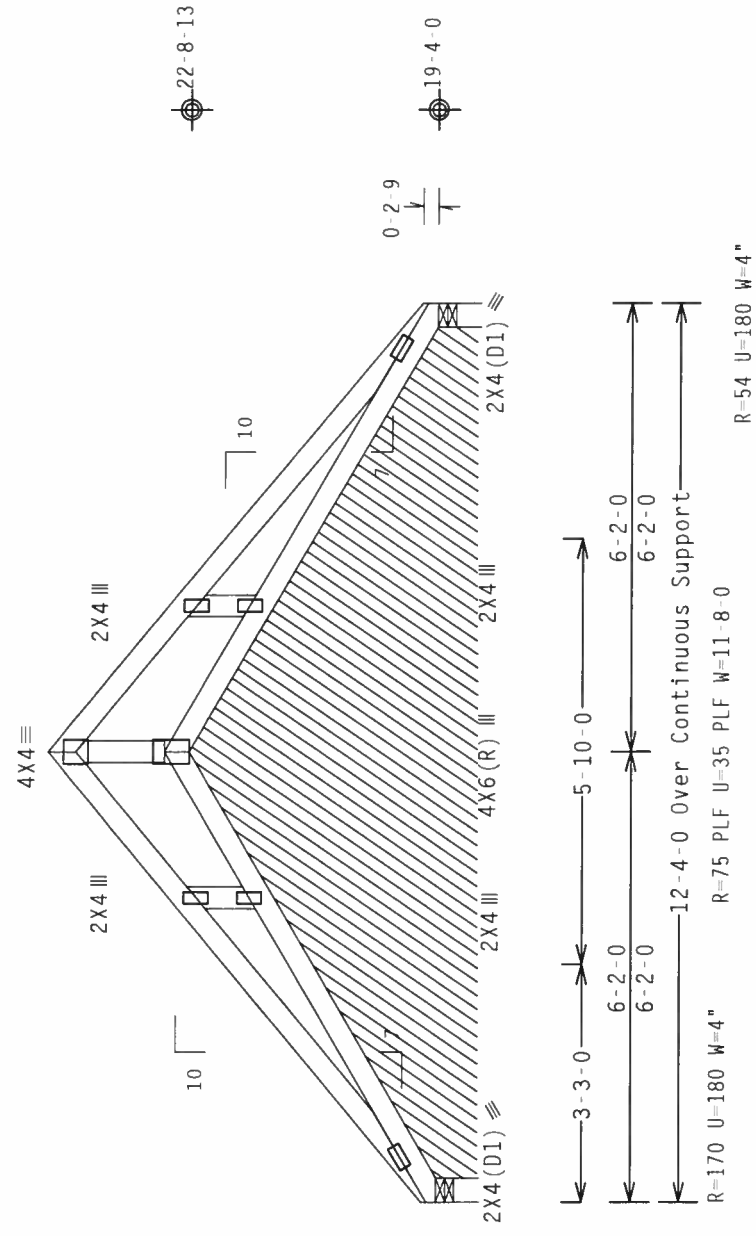
Deflection meets L/360 live and L/240 total load.

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

Shim all supports to solid bearing.

The overall height of this truss excluding overhang is 5 4-3.

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.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave/R

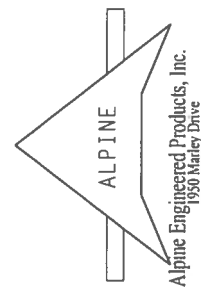
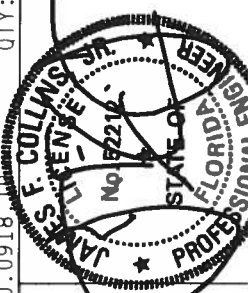
QTY:1

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

Scale = .375"/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 ASSOCIATION, 583 D'AMORIO 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.

TC LL	20.0 PSF	REF	R215 --	62149
TC DL	10.0 PSF	DATE	12/09/05	
BC DL	10.0 PSF	DRW	HCUSR215	05343031
BC LL	0.0 PSF	HC-ENG	RA/WHK	
TOT.LD.	40.0 PSF	SEQN	106136	
DUR.FAC.	1.25	FROM	CDM	



****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. PRODUCTS, ETC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS TO THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE DESIGNER'S DESIGN CONFIRMS WITH APPLICABLE PROVISIONS AND REQUIREMENTS OF THE 2001 INTERNATIONAL BUILDING CODE. CONDUCTOR PLATES ARE MADE OF 2018/16GA (W 1/2"/2") ASTM A653 GRADE 40/50 (W 6/16 S) GALV STEEL. APPLICABLE PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A.2 ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN CHOWN. THE CREATABLE REV AND USE OF THIS DOCUMENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE USER.

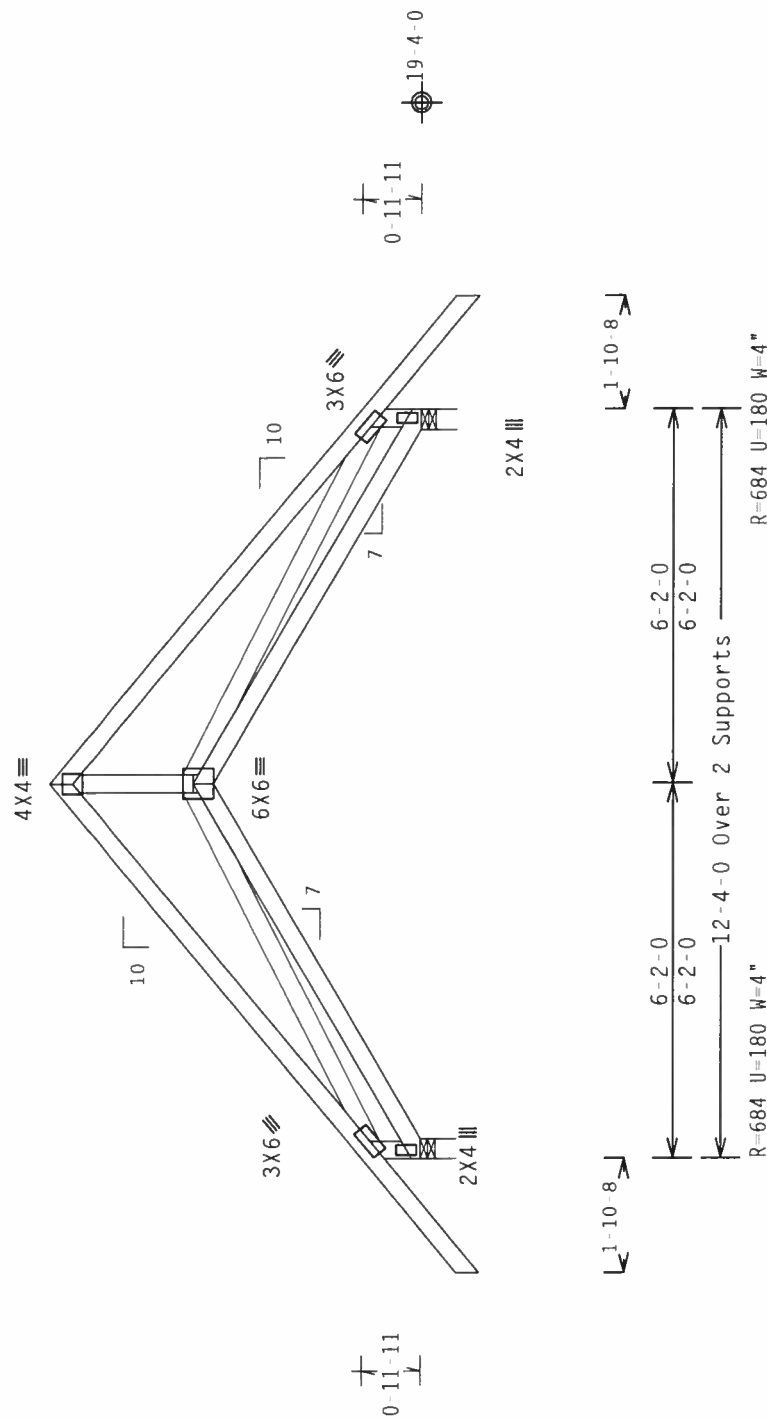
Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

1110 mph wind, 22.09 ft mean hgt., ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

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

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



PLT TYP. Wave/R

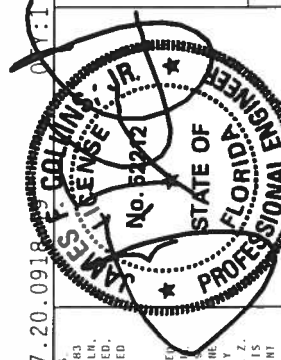
Design Crit: TPI-2002(STD)/FBC

7.20.0918

FL1-151-1-1R1-

Scale = .3125"/Ft.

WARNING THISTS REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING TO BEG 1 (E) BUILDING COMPONENT, PUBLISHED BY CPY PROTECTIVE INSTITUTE, 383
KALAMAZOO AVE, ANN ARBOR, MI 48106, (517) 763-1111. SEE THE FOLLOWING FOR THE
MILWAUKEE, WI 53210. 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.

[illegible]

ALPINE

Alpine Engineered Products, Inc.
1950 Marlev Drive

2 COMPLETE TRUSSES REQUIRED

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

Top Chord: 1 Row @ 3.00" o.c.

Bot Chord: 2 Rows @ 5.50" o.c. (Each Row)

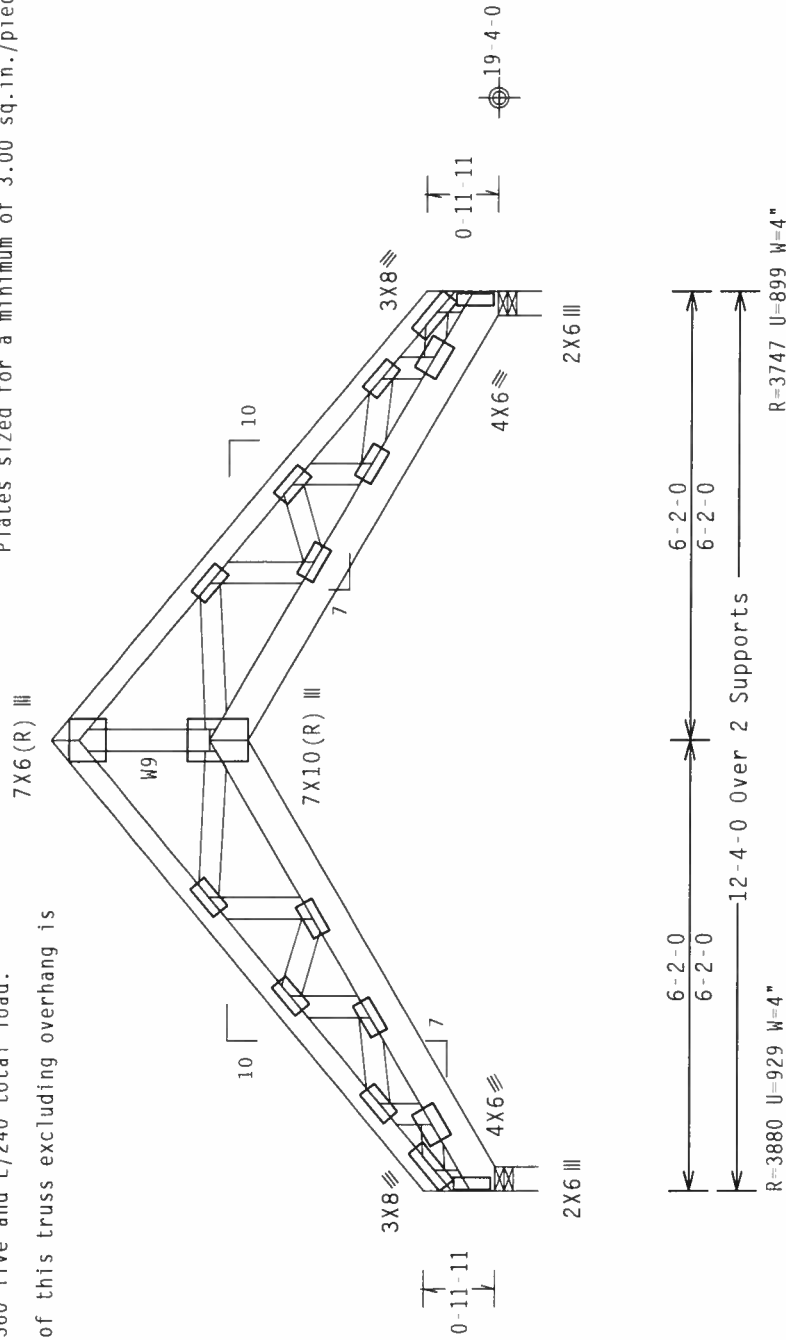
Webs : 1 Row @ 4" O.C.

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

110 mph wind, 22.77 ft mean hgt., ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Calculated horizontal deflection is 0.16" due to live load and 0.16" due to dead load.

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



Note: All Plates Are 3X6 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

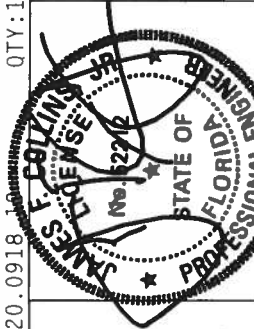
PLT TYP. Wave/R

$$Cq/RT=1.00(1.25)/10(0) \quad 7.20.0918$$

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

Scale = 375"/Ft

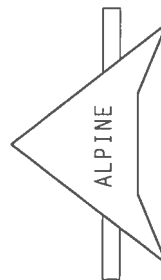
TC LL	20.0	PSF	REF	R215 -	62151
TC DL	10.0	PSF	DATE	12/09/05	
BC DL	10.0	PSF	DRW	HCUSR215	05343045
BC LL	0.0	PSF	HC - ENG	RA/WHK	
TOT.LD.	40.0	PSF	SEON -	106199	REV
DUR.FAC.	1.25		FROM	CDM	



WARNING HOUSES EXTERIOR CARE IN FABRICATION, HANDING, SHIPPING, INSTALLING AND BRACING.
REFERR TO NCCL 03 BUILDING COMPONENT SAFETY, ASSURED BY IPI CRUISE PACE, INSTITUTION, 383
D'AMORIO DR., SUITE 200, MADISON, WI 53719, AND VIDEOS OF THE PROJECTS, 6500 ENTERPRISE LN.,
MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE ACTIONS. UNLESS OTHERWISE INDICATED,
TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED
RIGID CEILING.

**** IMPORTANT **** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE SEAL ON THIS TRUSS COMPONENT SHALL NOT BE REMOVED FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS SYSTEMS IN ACCORDANCE WITH THE DESIGN REQUIREMENTS, INCLUDING BRACING OF TRUSSES, WILL BE CONSIDERED AS NON-COMPLIANCE WITH THE NATIONAL DESIGN SPEC. ANY FAILURE TO BUILD THE TRUSS SYSTEMS IN ACCORDANCE WITH THE DESIGN REQUIREMENTS, INCLUDING BRACING OF TRUSSES, WILL BE CONSIDERED AS NON-COMPLIANCE WITH THE NATIONAL DESIGN SPEC.

CONNECTION PLATES ARE MADE OF 20X18/16GA (W/1/2X3/4) ASTM A563 GRADE 40/50 (F_y/F_t) GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS IGOA-2. IF ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF TPI 2009 SEC.-3. A SEAL ON DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR TRUSS COMPONENT



2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (10d Box or Gun (0.128"x3", min.) nails)
 Top Chord: 1 Row @ 3.00" o.c.
 Bot Chord: 2 Rows @ 5.50" o.c. (Each Row)
 Webs : 1 Row @ 4" o.c.
 Use equal spacing between rows and stagger nails
 in each row to avoid splitting.

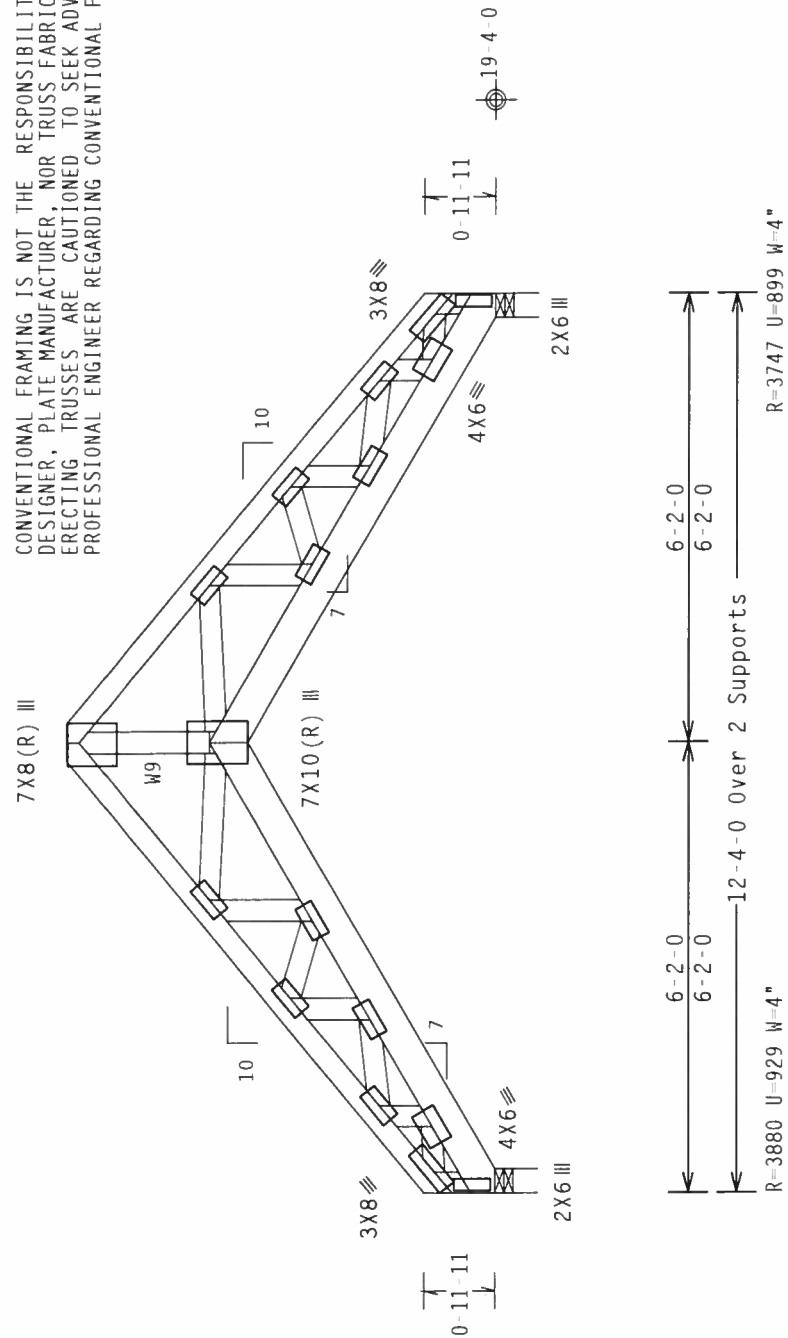
110 mph wind, 22.77 ft mean hgt, ASCE 7-02, CLOSED bldg, not located
 within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind
 BC DL=5.0 psf.

to dead load.

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

The overall height of this truss excluding overhang is 5-10-13.

CONVENTIONAL FRAMING IS NOT THE RESPONSIBILITY OF THE TRUSS DESIGNER, PLATE MANUFACTURER, NOR TRUSS FABRICATOR. PERSONS ERECTING TRUSSES ARE CAUTIONED TO SEEK ADVICE BY A LOCAL PROFESSIONAL ENGINEER REGARDING CONVENTIONAL FRAMING.



Note: All Plates Are 3X6 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

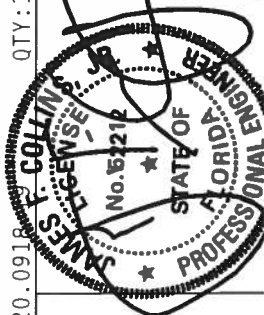
PLT TYP. Wave/R

918

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

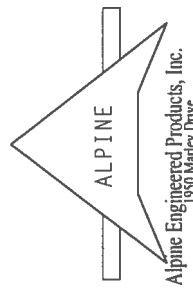
Scale = .375"/Ft.

TC LL	20.0	PSF	REF R215 -- 62152
TC DL	10.0	PSF	DATE 12/09/05
BC DL	10.0	PSF	DRW HCUSR215 05343046
BC LL	0.0	PSF	HC-ENG RA/WHK
TOT.LD.	40.0	PSF	SEQN- 106193 REV
DUR.FAC.	1.25		FROM CDM



****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), 593 E.D'AMICO 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.

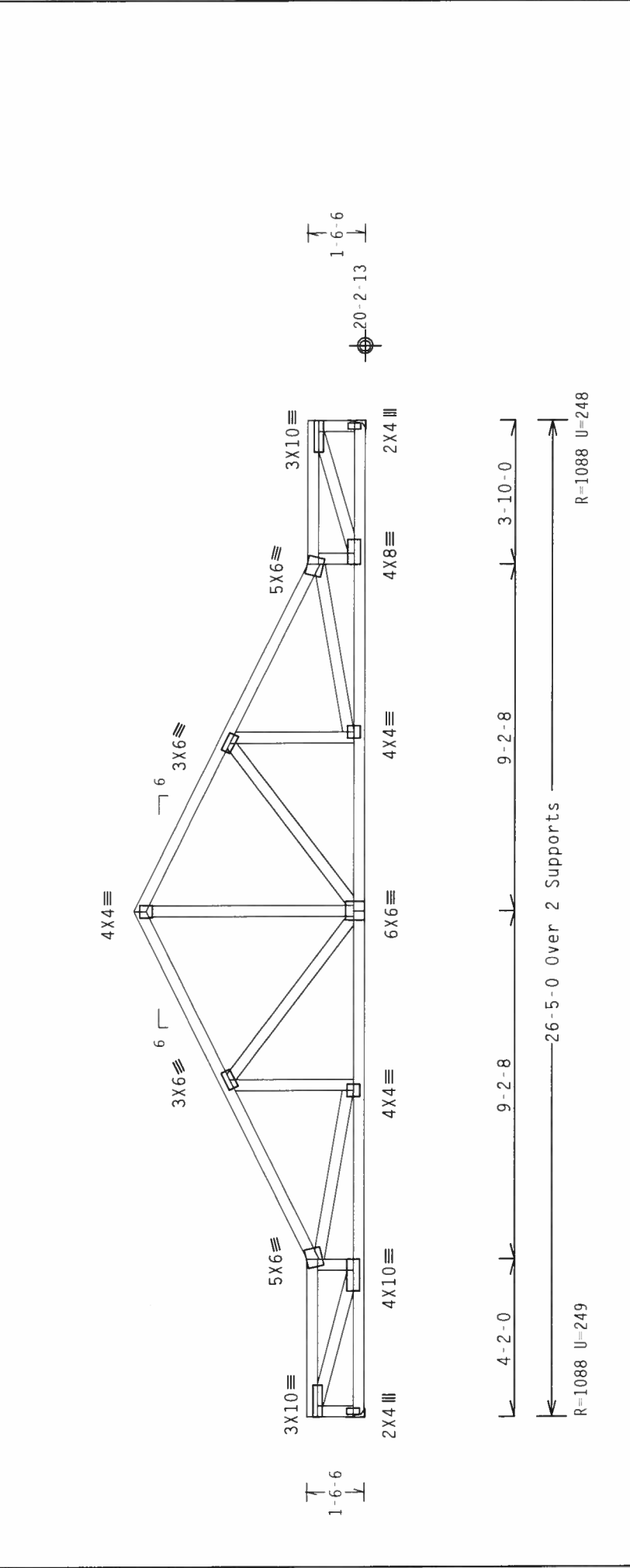
****IMPORTANT****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2010/10GA (.0115"/8) ASTM A653 GRADE 40/60 (H. K/H-S) GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF IPII 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT



(3010 /Angel Gomez Residence /EDGELEY CONSTRUCTION LAKE CITY, FL B4 26'5" Common)
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

110 mph wind, 24.07 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.
Provide for complete drainage of roof.
The overall height of this truss excluding overhang is 6-1-10.

Max JT VERT DEF: LL: 0.16" DL: 0.17" recommended camber 1/4"
Deflection meets L/360 live and L/240 total load.
Plates sized for a minimum of 3.00 sq.in./piece.



PLT TYP. Wave/R

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.20.0918.10 QTY:1 FL/-/5/-/-/R/- Scale = .25"/Ft.

REF	R215--	62153
DATE	12/09/05	
DRW	HCUSR215	05343033
HC-ENG	RA/WHK	
SEQN	106190	
FROM	CDM	

ALPINE
Alpine Engineered Products, Inc.
1950 Marlev Drive

ENGINEER
F. COLLINS JR.
No. 157212
STATE OF FLORIDA
PROFESSIONAL ENGINEER

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE SPECIFICATIONS OR ANY OTHER CODES OR STANDARDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND MAINTENANCE OF THE TRUSS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND MAINTENANCE OF THE TRUSS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND MAINTENANCE OF THE TRUSS.

Max JT VERT DEFL: LL: 0.21" DL: 0.22" recommended camber 3/8"

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

Provide for complete drainage of roof.

The overall height of this truss excluding overhang is 4-11-10.

End verticals not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

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

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

End verticals not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

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

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

End verticals not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

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

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

End verticals not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

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

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

End verticals not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

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

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

End verticals not exposed to wind pressure.

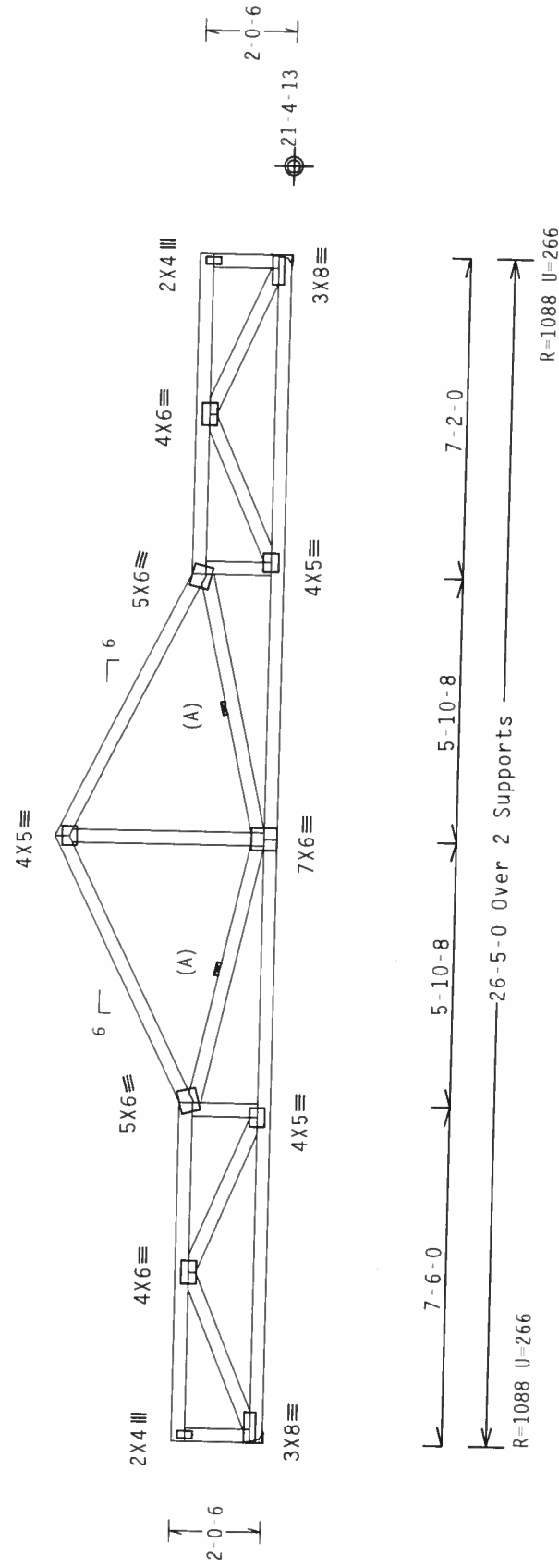
(A) Continuous lateral bracing equally spaced on member.

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

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

End verticals not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.



Design Crit: TPI-2002(STD)/FBC

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

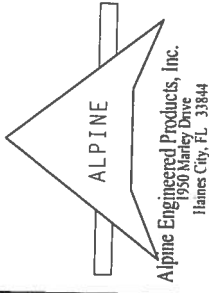
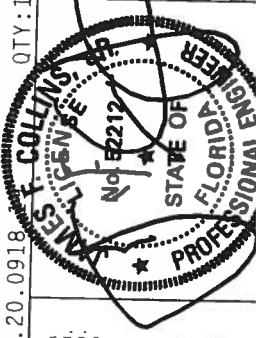
QTY:1 FL/-5/-/-/R/-

Scale =.25"/Ft.

PLT TYP. Wave/R

TC LL 20.0 PSF TC DL 10.0 PSF BC DL 10.0 PSF BC LL 0.0 PSF TOT.LD. 40.0 PSF DIR FAC 1.25

REF R215-- 62154 DATE 12/09/05 DRW HCUSR215 05343034 HC-ENG RA/WHK SEON- 106184



110 mph wind, 25.84 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Max JT VERT DEFL: LL: 0.21" DL: 0.22" recommended camber 3/8"

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

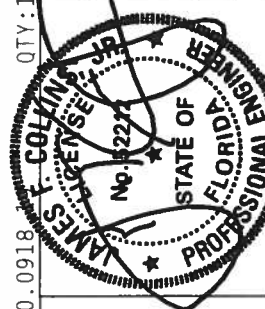
Plates sized for a minimum of 3.00 sq.in./piece.



7.20.0918

QTY: 1 FL / - / 5 / - / - / R / - Scale = .25" / Ft.

TC LL	20.0	PSF	REF R215-- 62156
TC DL	10.0	PSF	DATE 12/09/05
BC DL	10.0	PSF	DRW HCUSR215 05343036
BC LL	0.0	PSF	HC-ENG RA/WHK
TOT.LD.	40.0	PSF	SEQN- 106172
DUR.FAC.	1.25		FROM CDM



Alpine Engineered Products, Inc.
1950 Marley Drive

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

110 mph wind, 25.00 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.

End verticals not exposed to wind pressure.

Max JT VERT DEFL: LL: 0.21" DL: 0.22" recommended camber 3/8"

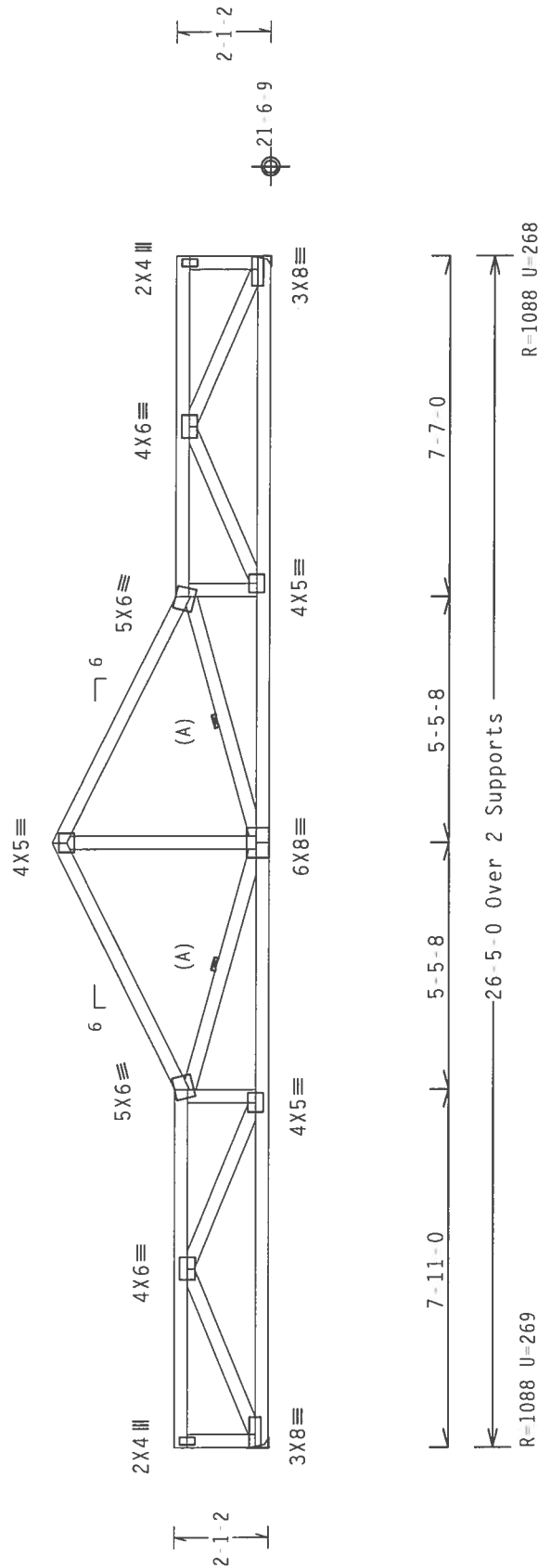
(A) Continuous lateral bracing equally spaced on member.

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

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

Provide for complete drainage of roof.

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



Design Crit: TPI-2002(STD)/FBC

QTY: 1 FL / 5 / - / R / - Scale = .25" / Ft.

$$Cq/RT = 1.00(1.25)/10(0) \quad 7.20.0918.18$$

OTK:1 FL/15/1-1R/

Scale = .25"/Ft.

WARNING: RUSSIS REQUIRE EXTENSIVE CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING REFER TO BCS 1.03 (BUILDING COMPONENT INFORMATION), PUBLISHED BY THE TRUSS PLATE INSTITUTE, 583 D'AMORIO DR., SUITE 200, MADISON, WI 53719, AND WCA TRUSS STRUCTURE COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719, FOR SAFE PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

REF R215 -- 62157

DATE 12/09/05

DRW HCUSR215 05343037

HC-ENG RA/WHK

SEON- 106166

FROM	TO
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*** IMPORTANT *** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. PROVIDE THE MANUFACTURER RESPONSIBILITY FOR THE FABRICATING, WELDING, SHIPPING, INSTALLING AND DRACING TRUSS IN CONFORMANCE WITH IPT- OR FABRICATING, WELDING, SHIPPING, INSTALLING AND DRACING TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (HORIZONTAL DESIGN SPEC., PER AFPA) AND IPT. CONNECTOR PLATES ARE MADE OF 70/18/16GSA (W/J-S/F) ASH A563 GRADE 40/60 (A, K/H/S) GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF IPT-1909Z SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR TRUSS COMPONENT

JKW HCU5RZ15 05343037

DATE	TIME	LOCATION	TYPE	STATUS	REMARKS
10/10/2023	10:00	100100	100100	100100	100100

99T9NT - NH3C

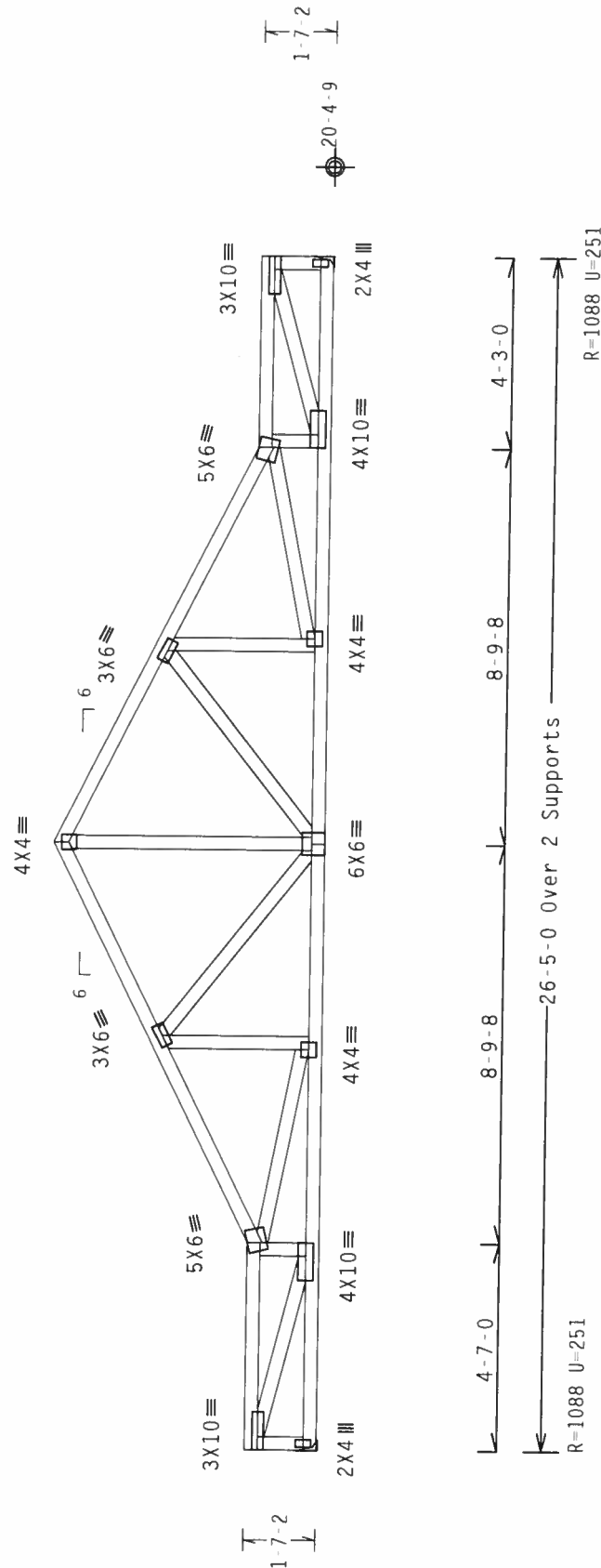
- ROM CDM

ALPINE

Alpine Engineered Products, Inc.
1950 Market Drive

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

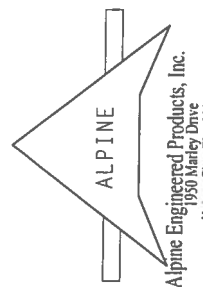
The overall height of this truss excluding overhang is 5'11"-14".



**** IMPORTANT **** UNLESS A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.
THIS PROJECT SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN.
DESIGN IN CONFORMANCE WITH ALL APPLICABLE PROVISIONS OF THE U.S. FEDERAL
TRUSS CONNECTIONS WHICH HAVE NOT BEEN REPEALED, AMENDING, SHIPPING, INSTALLING A BRACING OF TRUSSES,
AND/OR OTHER STRUCTURAL MEMBERS, BY ANY MEANS, INCLUDING BUT NOT LIMITED TO, ALPHABETICALLY
PLATES TO EACH FACE OF TRUSS AND, 20/18/16GA (W-18X16) ASTM A563 GRADE 40/60, POSITION PER DRAWINGS 1604,
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF IPII 2002 SEC.3.
THIS DESIGN INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THIS TRUSS COMPONENT

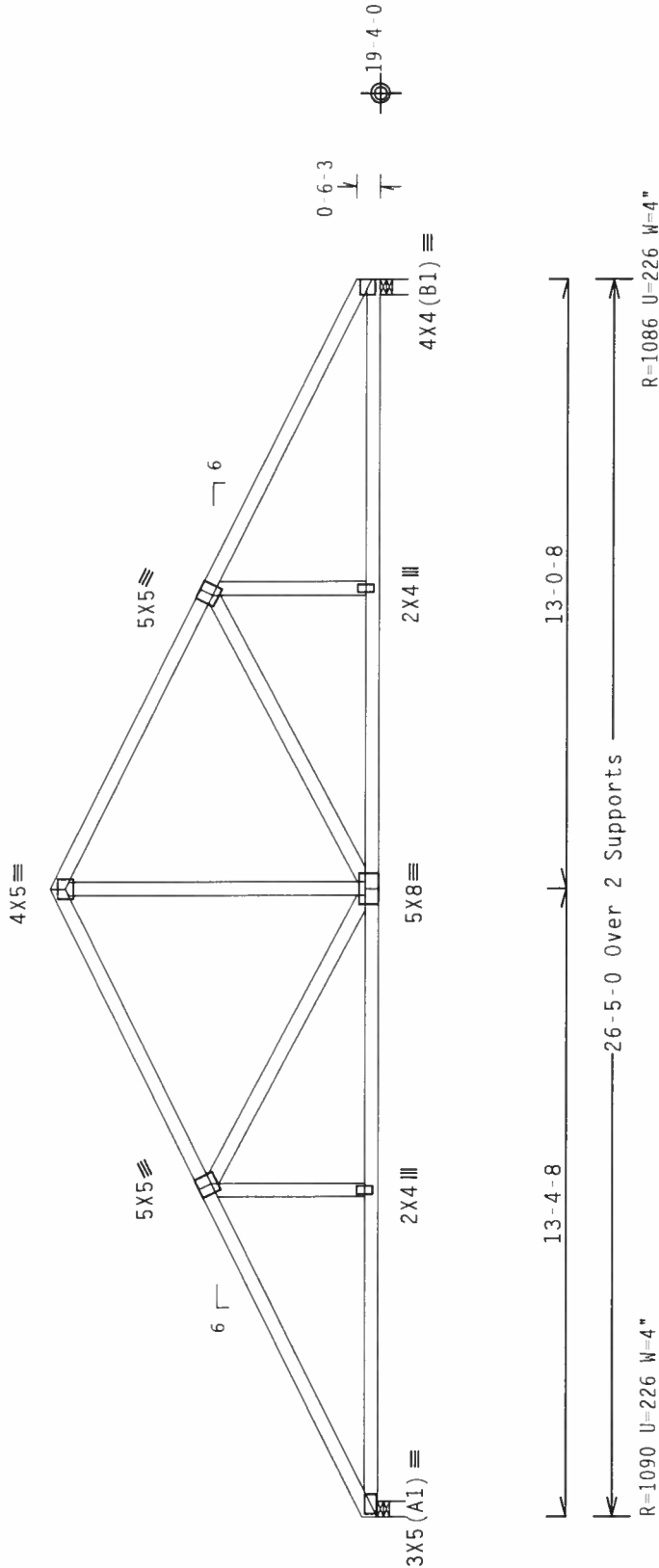
TY:1 FL/-/5/-/-/R/-

TC LL	20.0 PSF	REF	R215 - - 62158
TC DL	10.0 PSF	DATE	12/09/05
BC DL	10.0 PSF	DRW	HCUSR215 05343038
BC LL	0.0 PSF	HC-ENG RA/WHK	
TOT. LD.	40.0 PSF	SEQN-	106158
DUR. FAC.	1.25	FROM	CDM



(3010 -/Angel Gomez Residence /EDGEY CONSTRUCTION LAKE CITY, FL B10 26'5" Mono)
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
110 mph wind, 23.02 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf.
Deflection meets L/360 live and L/240 total load.
Plates sized for a minimum of 3.00 sq.in./piece.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave\R

QTY: 1

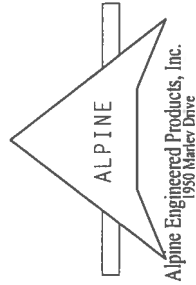
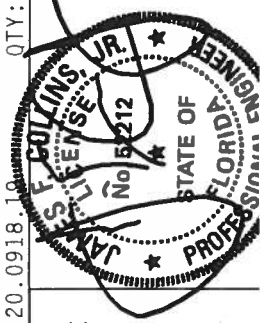
FL/-/5/-/R/-

Scale = .25"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** 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 MICA REQUIREMENTS, OR ANY FAILURE TO FOLLOW THE INSTALLATION INSTRUCTIONS, SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR MICA REQUIREMENTS, OR ANY FAILURE TO FOLLOW THE INSTALLATION INSTRUCTIONS, SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR.

TC LL	20.0 PSF	REF	R215--	62159
TC DL	10.0 PSF	DATE	12/09/05	
BC DL	10.0 PSF	DRW	HCUSR215	05343023
BC LL	0.0 PSF	HC-ENG	RA/WHK	*
TOT.LD.	40.0 PSF	SEON-	106152	
DUR.FAC.	1.25	FROM	CDM	



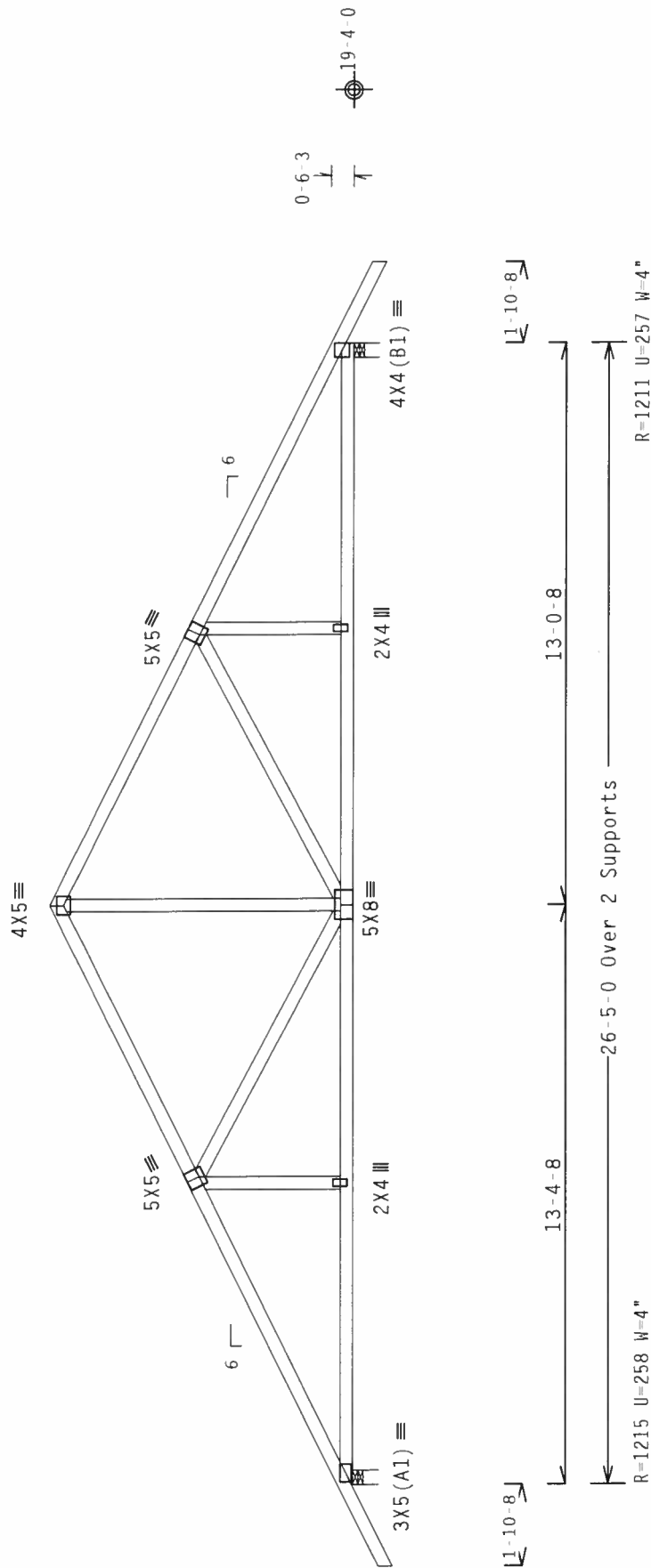
Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

110 mph wind, 22.56 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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 7-0-7.



PLT TYP. Wave/R

Design Crit: TPI-2002(STD)/FBC

QTY:1

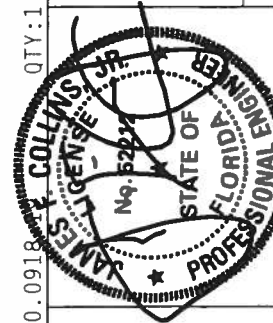
FL/-/5/-/-/R/-

Scale = .25"/Ft.

WARNING: TRUSSES FORM EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 103 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 GLENN AVE., SUITE 200, MADISON, WI 53719) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6100 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.

WARNING: TRUSSES FORM EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES FOR TRUSS COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 N. GUTHRIE RD., SUITE 200, MADISON, WI 53719) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6100 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. AIRLINE ENGINEERED PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC.) BY AIRPLAN AND THE TRUSS CONNECTOR PLATES ARE MADE OF 2010/16GA (H. 0.0152) ASTM A653 GRADE 40 /60 (W. 6.1/5.1) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A - E. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX 4 OF TP13 2002 SEC 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT



TC LL	20.0	PSF	REF R215 - - 62160
TC DL	10.0	PSF	DATE 12/09/05
BC DL	10.0	PSF	DRW HCUSR215 05343024
BC LL	0.0	PSF	HC-ENG RA/WHK *
TOT.LD.	40.0	PSF	SEQN- 106147
DUR.FAC.	1.25		FROM CDM

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

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

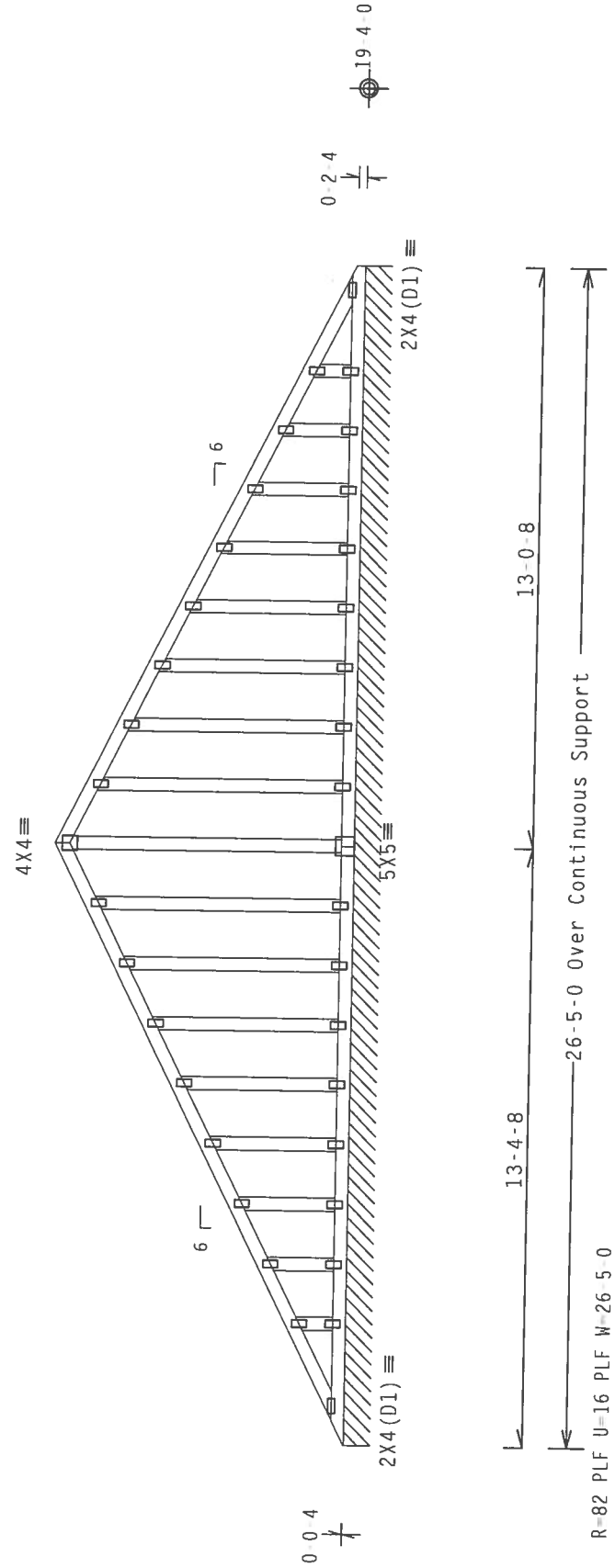
The overall height of this truss excluding overhang is 6' 8".

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.

SEE DWGS A11030EC00405 FOR ADDITIONAL REQUIREMENTS.

110 mph wind, 22.83 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.



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)

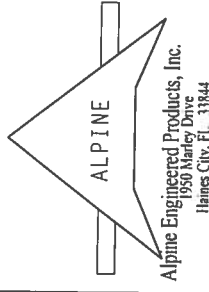
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QTY:1

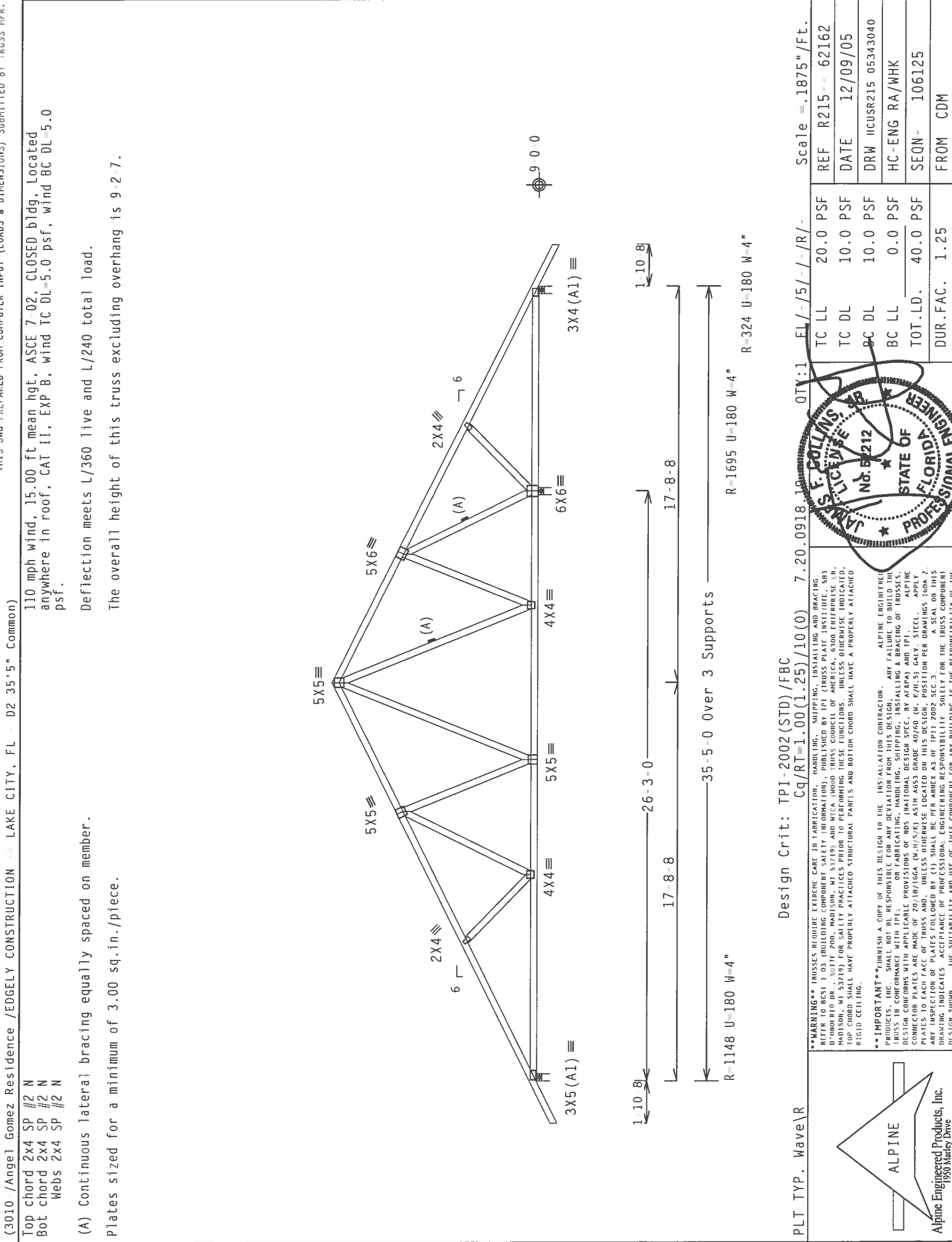
Scale = .25" / Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RCES 1.03 (BUILDING COMPONENTS) AND RCES 1.04 (TRUSS PLATE INSTITUTE, 583 D'ORFORD DR., SUITE 200, MADISON, WI 53719), AND RCES 1.05 (NATIONAL DESIGN SPEC. BY AIA/PA) AND TPI. 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 RCES (NATIONAL DESIGN SPEC. BY AIA/PA) AND TPI. CONNECTION PLATES ARE MADE OF 2018/16GA (4-H/5/2) ASTM A653 GRADE 40/60 (4. K/H.S) GALV. STEEL. THE TRUSS SHALL BE INSPECTED AND APPROVED BY THE TRUSS MANUFACTURER. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES COMPLIANCE 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 USER.



TC LL	20.0 PSF	REF	R215 --	62161
TC DL	10.0 PSF	DATE	12/09/05	
BC DL	10.0 PSF	DRW	HCUSR215	05343039
BC LL	0.0 PSF	HC-ENG	RA/WHK	
TOT.LD.	40.0 PSF	SEQN	106143	
DUR.FAC.	1.25	FROM	CRM	



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.

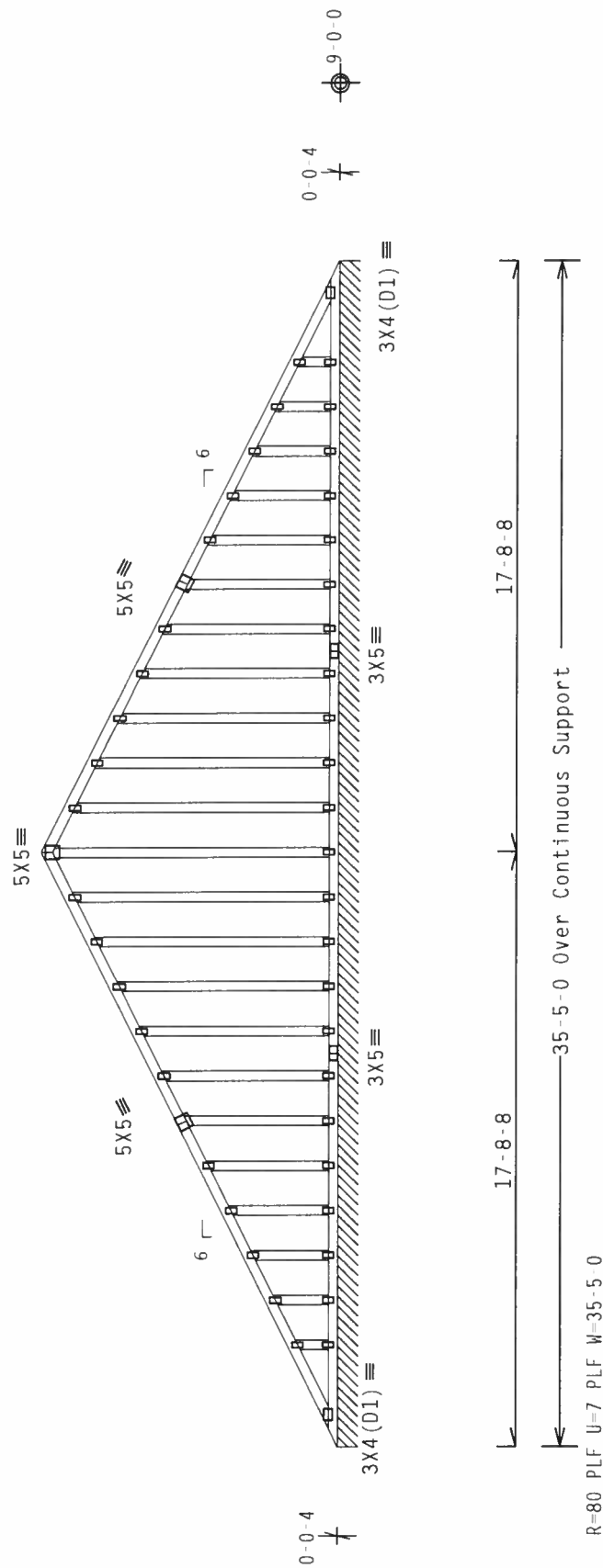
See DWGS A11015EE0405 & GBLLETIN0405 for more requirements.

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 8-10-8.

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.



Note: All Plates Are 2X4 Except As Shown.

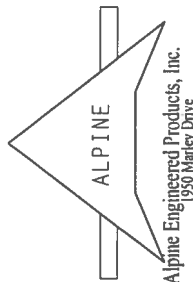
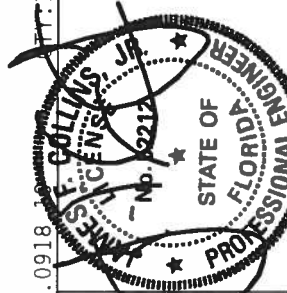
Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave/R

$$Ca/RT=1.00(1.25)/10(0) \quad 7.20.0918$$

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

WARNING: TRUSSES REQUIRE EXTENSIVE CAN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RESCUE (BUILDING COMPONENT SAFETY) FOR INFORMATION ON THE PROPER USE OF THE PLATE-TYPE SBR D-ORIOFFER BOARD. SUITE 200, MADISON, WI 53719, AND WETA UNION TRUSS COUNCIL OF AMERICA, 6310 W. WISCONSIN AVE., MADISON, WI 53719, FOR SALLY PRACTICES PRIOR TO UTILIZING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

[illegible]

TC LL	20.0	PSF	REF	R215--	62163
TC DL	10.0	PSF	DATE	12/09/05	
BC DL	10.0	PSF	DRW	HCUSR215	05343041
BC LL	0.0	PSF	HC-ENG	RA/WHK	
TOT.LD.	40.0	PSF	SEQN-	106782	
DUR.FAC.	1.25		FROM	CDM	

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



Scale = .375"/Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BECS 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 583 S. STATE ST., 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. ANY ENGINEER ENGINEERING DESIGNED IN CONFORMANCE WITH TPI RESPONSIBILITIES FOR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. APPLICABLE CONNECTOR PLATES ARE MADE OF 20/18/16GA (H-1/5/2/4) ASH A663 GRADE, 40/60 (H_c/W_t) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 16GA. IF ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPII 2007 SEC.3.

WARNING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT

(3010 /Angel Gomez Residence /EDGELY CONSTRUCTION LAKE CITY, FL - D4 6' Special)

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

Left end vertical not exposed to wind pressure.
Plates sized for a minimum of 3.00 sq.in./piece.

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 3-4-3.

2X4

3-4-3

6

2X4 (A1)

9-0-0

6-0-0 Over 2 Supports

R=218 U=180

1-10-8

R=402 U=180 W=4"

PLT TYP. Wave\R

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

7.20.0912

QTY: 1

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

Scale = .5"/Ft.

TC LL	20.0 PSF	REF R215--	62165
TC DL	10.0 PSF	DATE	12/09/05
BC DL	10.0 PSF	DRW HCUSR215	05343043
BC LL	0.0 PSF	HC-ENG RA/WHK	
TOT.LD.	40.0 PSF	SEQN-	106131
DUR.FAC.	1.25	FROM	CDM

ALPINE

Alpine Engineered Products, Inc.
1950 Marlow Drive

****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, 583 D'ONDORF DR., SUITE 200, MADISON, WI 53719, AND WEA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, 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 COMPLIES WITH APPLICABLE PROVISIONS OF AIA (NATIONAL DESIGN SPEC. BY AIA/PA) AND TPI. TELL APPLICABLE TO EACH FACE OF TRUSSES AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER BRANDES, APPLY ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER A3 OF TPI 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT



3 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (10d Box or Gun (0.128"x3", min.) nails)
Top Chord: 2 Rows @ 3.00" o.c. (Each Row)
Bot Chord: 1 Row @ 5.50" o.c.
Webs : 1 Row @ 4" o.c.
Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting.

Bearing blocks: Nail type: 10d Box or Gun (0.128"x3", min.) nails
BRG X-LOC #BLOCKS LENGTH/BLK #NAILS/BLK WALL PLATE
1 0.000' 2 12" 16 Match Truss
2 26.667' 2 12" 17 SP Standard
Bearing block to be same size and species as bottom chord.
Refer to drawing CNBRGblk1103 for additional information.

Top chord 2x6 SP SS
Bot chord 2x8 SP SS
Webs 2x4 SP #2 N :W2, W20 2x4 SP #2 Dense:

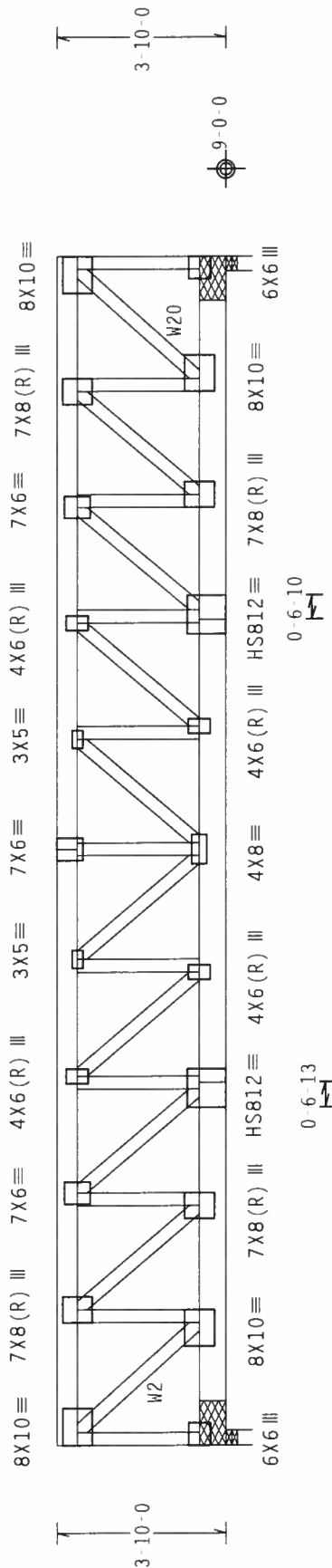
SPECIAL LOADS
----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 785 PLF at 0.00 to 785 PLF at 27.00
BC - 562 LB Conc. Load at 2.06, 4.06, 6.06, 8.06, 10.06
12.06, 12.94, 14.94, 16.94, 18.94, 20.94, 22.94, 24.94

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.

Max JT VERT DEFL: LL: 0.26" DL: 0.28" recommended camber 1/2"

End verticals not exposed to wind pressure.
Deflection meets L/360 live and L/240 total load.
Plates sized for a minimum of 3.00 sq.in./piece.
The overall height of this truss excluding overhang is 3-10-0.

Truss must be installed as shown with top chord up.
The TC of this truss shall be braced with attached spans at 24" OC in lieu of structural sheathing.



27-0-0 Over 2 Supports
R=14261 U=1524 W=4.125"
R=14238 U=1521 W=4"

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

Scale = .25"/Ft.

PLT TYP. 20 Gauge HS.Wave\R	QTY: 1	FL / - / 5 / - / R / -	REF R215 - 62166
	TC LL	20.0 PSF	DATE 12/09/05
	TC DL	10.0 PSF	DRW HCUSR215 05343044
	BC DL	10.0 PSF	HC-ENG RA/WHK
	BC LL	0.0 PSF	SEQN- 106221 REV
	TOT.LD.	40.0 PSF	FROM CDM
	DUR.FAC.	1.25	

ALPINE
Engineered Products, Inc.
10000 Highway 17
Lake City, FL 33701
Phone: 813-426-1234
Fax: 813-426-1235
Email: info@alpineeng.com
Website: www.alpineeng.com

ALPINE
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Fax: 813-426-1235
Email: info@alpineeng.com
Website: www.alpineeng.com

CLB WEB BRACE SUBSTITUTION

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

NOTES:

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

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

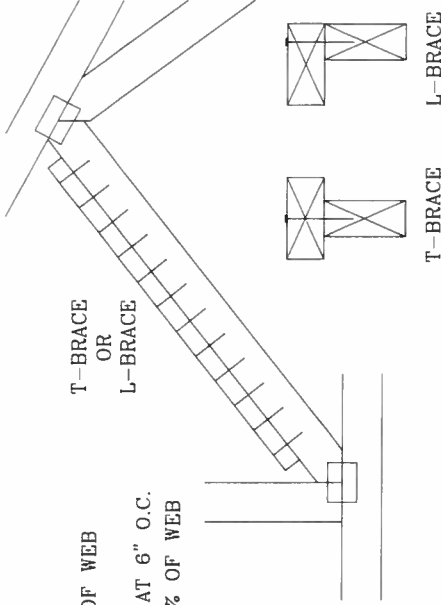
WEB MEMBER SIZE	SPECIFIED CLB BRACING	T OR L-BRACE	ALTERNATIVE BRACING SCAB BRACE
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

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

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

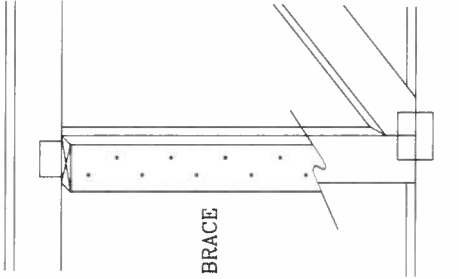
T-BRACING
OR
L-BRACING:

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



SCAB BRACING:

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



THIS DRAWING REPLACES DRAWING 579.640

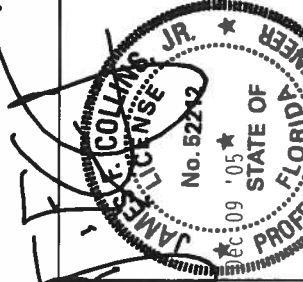
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 583 DOWDRIED DR., SUITE 200, MADISON, WI 53719, AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE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

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING OR BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2024B/16GA (W/H/S/K) ASTM A653 GRADE 40/50 (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 THE PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING

TC LL	PSF	REF	CLB SUBST.
TC DL	PSF	DATE	11/26/03
BC DL	PSF	DRWG	BRCLBSUB1103
BC LL	PSF	-ENG	MLH/KAR
TOT. LD.	PSF		
DUR. FAC.			



ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA



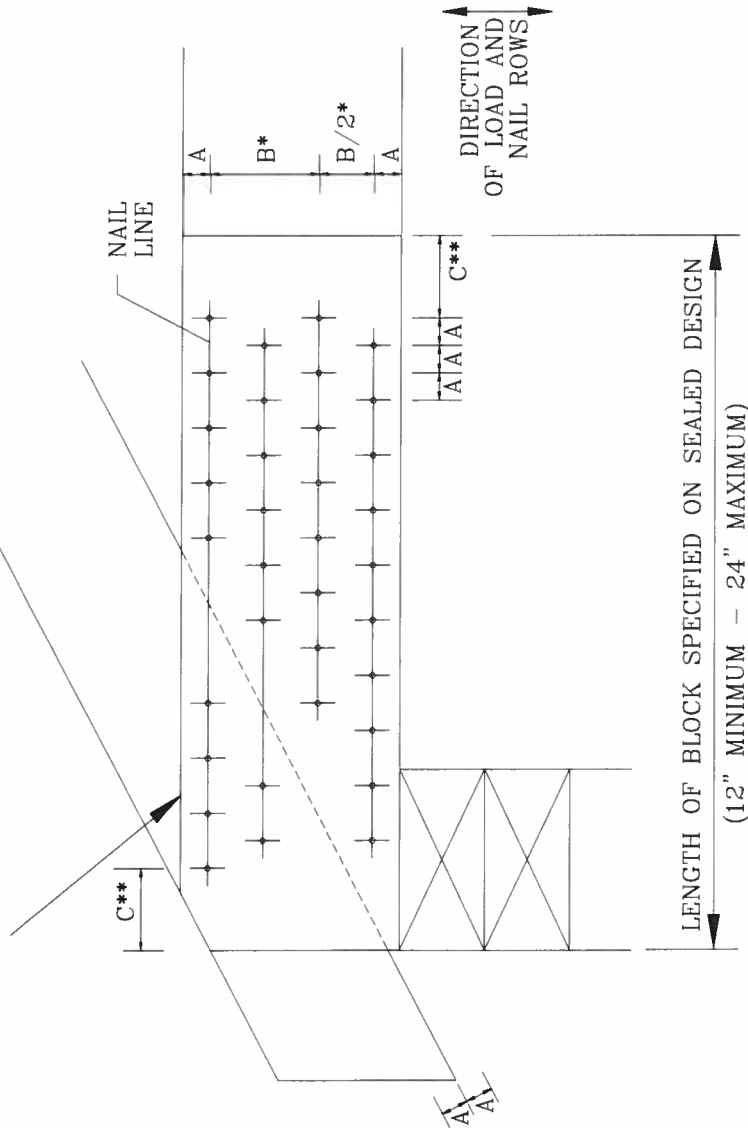
BEARING BLOCK NAIL SPACING DETAIL

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

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

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

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



MAXIMUM NUMBER OF NAIL LINES PARALLEL TO GRAIN

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

MINIMUM NAIL SPACING DISTANCES

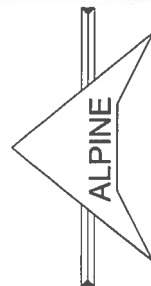
NAIL TYPE	DISTANCES		
	A	B*	C**
8d BOX (0.113"x2.5")	3/4"	1 3/8"	1 3/4"
10d BOX (0.128"x3")	7/8"	1 5/8"	2"
12d BOX (0.128"x3.25")	7/8"	1 5/8"	2"
16d BOX (0.135"x3.5")	7/8"	1 5/8"	2 1/8"
20d BOX (0.148"x4")	1"	1 7/8"	2 1/4"
8d COMMON (0.131"x2.5")	7/8"	1 5/8"	2"
10d COMMON (0.148"x3")	1"	1 7/8"	2 1/4"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

THIS DRAWING REPLACES DRAWING B139 AND CNBRGCLK0699

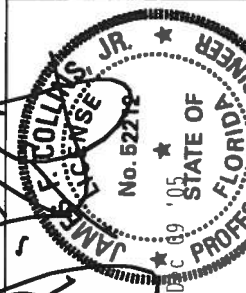
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 DUNDREID DR., SUITE 200, MADISON, WI 53719) AND VITCA (WOOD TRUSS COUNCIL OF AMERICA, 6300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

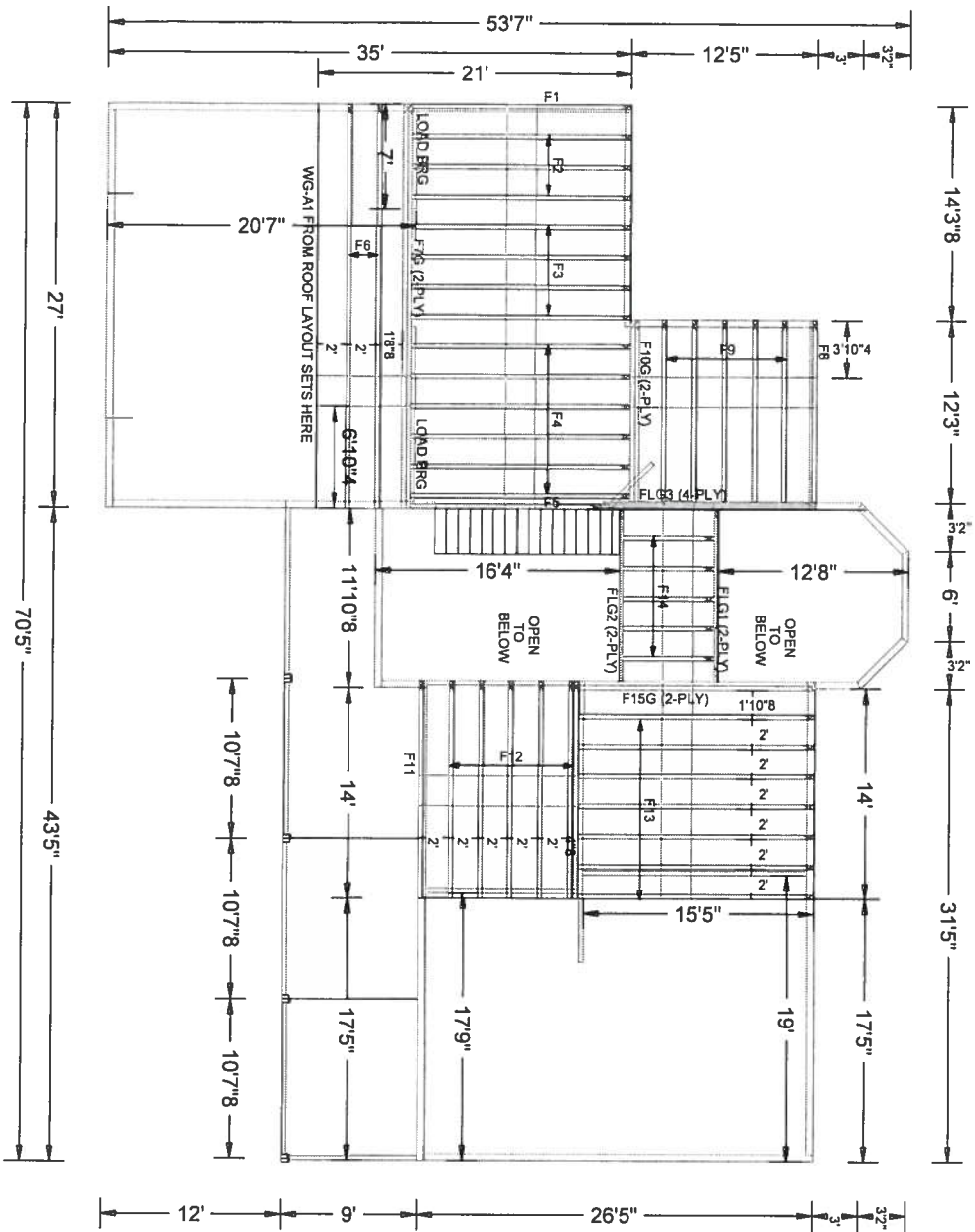
****IMPORTANT**** FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED BUILDING SYSTEMS SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. BRACING OF TRUSSES, DESIGN CONNECTORS WITH APPLICABLE PROVISIONS OF AISC 360, DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (W/H/S/A) ASTM A636, 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 (S) 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 OWNER.

REF	BEARING BLOCK
DATE	11/26/03
DRWG	CNBRGCLK1103
-ENG	SJP/KAR



ALPINE ENGINEERED PRODUCTS, INC.
POMPAHO BEACH, FLORIDA





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

5th/2nd FLOOR SYSTEM
DEPTH: 18"
SPACING: 24" O.C.
LOADING: 55 PSF T L/STANDARD
WIND LOAD: N/A
EXT WALLS: 2x6 FRAMING
DATE: 12-4-05

For Bld. Dept.

Job Name: Angel Gomez Residence
Customer: EDGELY CONSTRUCTION
Designer: Chris McCall

JOB NO:

3010F

PAGE NO:

1 OF 1

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:1SWG215-Z0618132100

Truss Fabricator: W.B. Howland
Job Identification: 3010F-/Angel Gomez Residence /EDGELY CONSTRUCTION -- LAKE CITY, FL
Truss Count: 17
Model Code: Florida Building Code 2004
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Version 7.24.
Structural Engineer of Record: The identity of the structural EOR did not exist as of
Address: the seal date per section 61G15-31.003(5a) of the FAC
Minimum Design Loads: Roof - N/A
Floor - 55.0 PSF @ 1.00 Duration
Wind - No Wind



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: 04/18/2006

-Truss Design Engineer-
James F. Collins Jr.

Florida License Number: 52212
1950 Marley Drive
Haines City, FL 33844

Details: CNSY42PL-

#	Ref	Description	Drawing#	Date
1	24907--F1		06108001	04/18/06
2	24908--F2		06108002	04/18/06
3	24909--F3		06108003	04/18/06
4	24910--F4		06108004	04/18/06
5	24911--F5		06108005	04/18/06
6	24912--F6		06108006	04/18/06
7	24913--F7G (2-PLY)		06108007	04/18/06
8	24914--F8		06108008	04/18/06
9	24915--F9		06108009	04/18/06
10	24916--F10G (2-PLY)		06108010	04/18/06
11	24917--F11		06108011	04/18/06
12	24918--F12		06108012	04/18/06
13	24919--F13		06108013	04/18/06
14	24920--F14		06108014	04/18/06
15	24921--F15G (2-PLY)		06108015	04/18/06
16	24923--FLG1 (2-PLY)		06108016	04/18/06
17	24924--FLG2 (2-PLY)		06108017	04/18/06



Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Page 1 of 1 Document ID: ISWG215-Z0618132100

Truss Fabricator: W.B. Howland
Job Identification: 3010F-/Angel Gomez Residence /EDGELY CONSTRUCTION -- LAKE CITY, FL
Truss Count: 5
Model Code: Florida Building Code 2004
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Version 7.24.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - N/A
Floor - 55.0 PSF @ 1.00 Duration
Wind - No Wind

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: 04/18/2006

-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	24912--F6		06108006	04/18/06
2	24913--F7G (2-PLY)		06108007	04/18/06
3	24916--F10G (2-PLY)		06108010	04/18/06
4	24919--F13		06108013	04/18/06
5	24921--F15G (2-PLY)		06108015	04/18/06

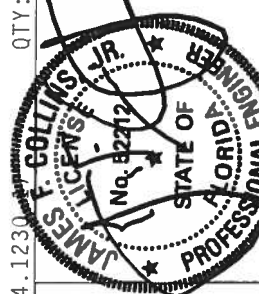


Truss has been designed for loads indicated and has not been designed for additional wall loads. See DWG GBLSY42A1103 or GBLSY42B1103 for gable details.

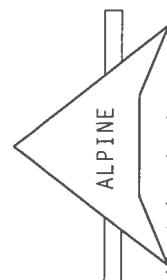


Scale = .5" / Ft.

TC LL	40.0 PSF	REF	R215 -- 24907
TC DL	10.0 PSF	DATE	04/18/06
BC DL	5.0 PSF	DRW	HGUSR215 06108001
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT.LD.	55.0 PSF	SEQN-	116201
DUR.FAC.	1.00	FROM	CDM



*** IMPORTANT *** - FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. * ALPINE ENGINEERED PRODUCTS SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. * ANY FAILURE TO BUILD THE TRUSS DESIGN CONFORMS WITH THE DESIGN PROVISIONS OF THE NATIONAL DESIGN SPEC. BY FAILING TO ADAPTE THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE NATIONAL DESIGN SPEC. BY FAILING TO ADAPTE THE TRUSS CONNECTOR PLATES ARE MADE OF 20/18/16G (H/VS/K) ASH A663 GRADE 40/60 (H/VS/K) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, PER DRAWINGS 160A-2. IF 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



Alpine Engineered Products, Inc.
1950 Marley Drive

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



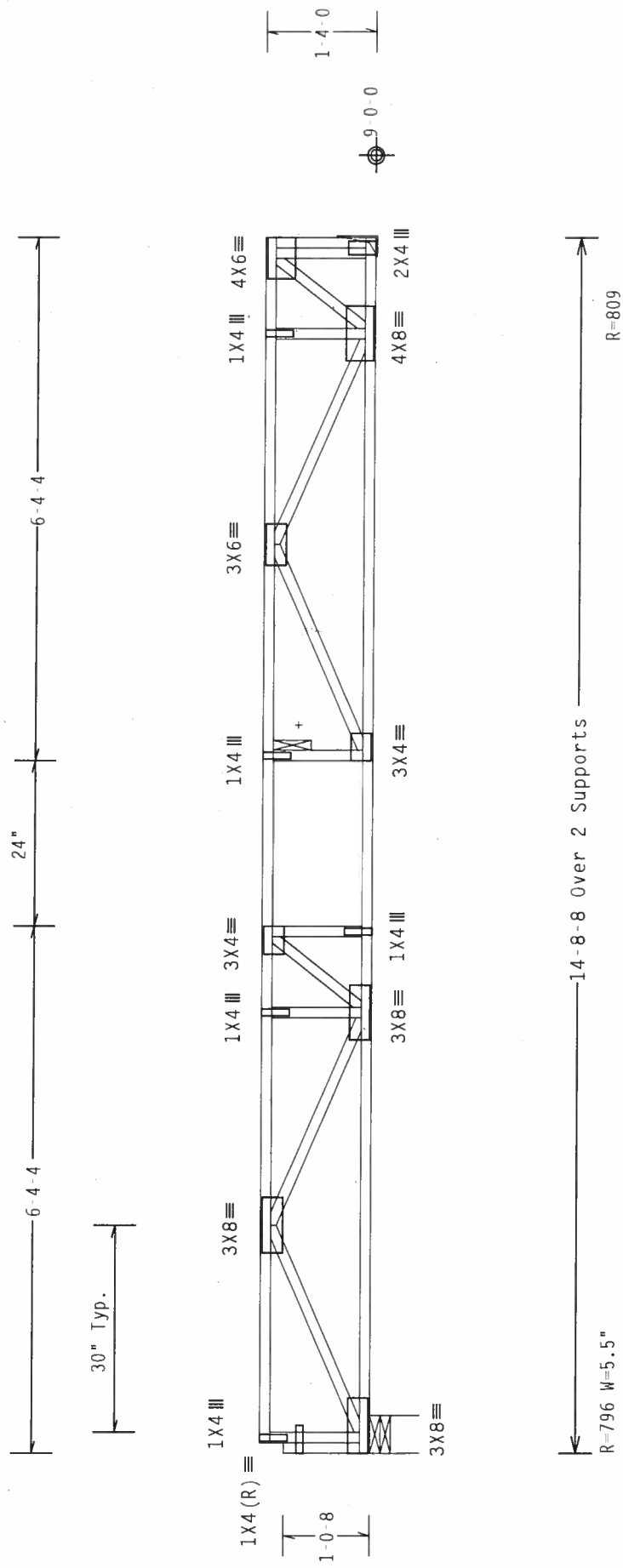
ALPINE
Engineered Products
1950 Marley Drive



Top chord 4x2 SP #2 N
Bot chord 4x2 SP #2 N
Webs 4x2 SP #2 N

+ 2X6 continuous strongback. See ANSI/TPI 1-02 Sect. 7.5.
Deflection meets L/360 live and L/240 total load.
The overall height of this truss excluding overhang is 1-4-0.

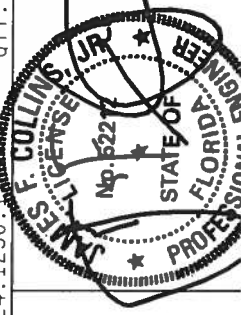
Truss must be installed as shown with top chord up.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.10(1.25)/10(0) 7.24.1230.17

PLT TYP. Wave/R

Scale = .5"/Ft.

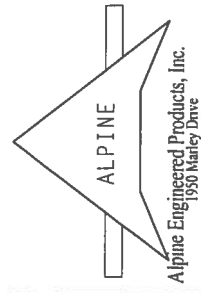


****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC01 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 583 D-000000 DR., SUITE 200, MADISON, WI 53719, AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE BL., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. PROJECTS SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSSES IN ACCORDANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLER. THE DESIGNER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSSES AND THE INSTALLATION CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF THE TRUSSES. THE DESIGNER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSSES AND THE INSTALLATION CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF THE TRUSSES. THE DESIGNER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSSES AND THE INSTALLATION CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF THE TRUSSES.

REF	R215 -	24909
DATE	04/18/06	
DRW	HGUSR215	06108003
HC-ENG	EC/WHK	
SEQN	116207	
FROM	CDM	

TC	LL	40.0	PSF
DL	DL	10.0	PSF
BC	DL	5.0	PSF
BC	LL	0.0	PSF
TOT.LD.		55.0	PSF
DUR.FAC.		1.00	



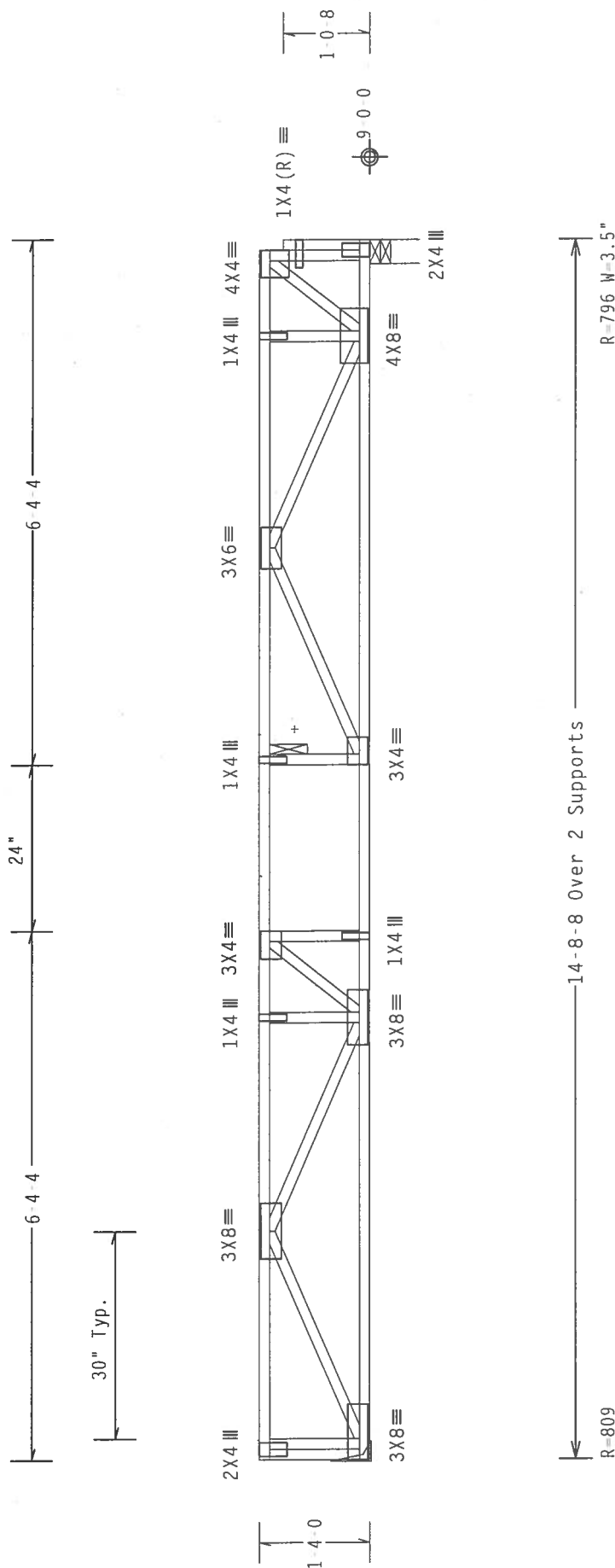
Top	chord	4x2	SP	#2	N
Bot	chord	4x2	SP	#2	N
	webs	4x2	SP	#2	N

+ 2X6 continuous strongback. See ANSI/TPI 1-02 Sect. 7.5.

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

Truss must be installed as shown with top chord up.

The overall height of this truss excluding overhang is 14.0.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave\R

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

WARNING FRUSTRATE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING REFER TO BCSP TRUSS BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE TRUSS PLATE INSTITUTE, 593 NORTH CHORD RD., SUITE 200, MADISON, WI 53719, AND NCA GOOD THRUSS COUNCIL OF AMERICA, 6100 WILFRISE LN., MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE ATTACHED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED TIGID CELLING.

REF: R215-- 24910

DATE 04/18/06

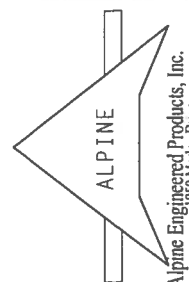
DRW HCUSR215 06108004

HC - ENG EC / WHK

SEQN- 116211

FROM CDM

* IMPORTANT - TURN IN A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FALPING ENGINEERED PRODUCTS, THE SUPPLIER SHALL BE RESPONSIBLE FOR FABRICATING AND SHIPING. INSTALLING & BRACING OF TRUSS CONFORMS WITH ALL APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC., PER AIAA) AND TPI ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA .(H-US/EPS) ASH 4653 GRADE 40/60 (H- US/EPS) GALV. STEEL PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SMALL BCP PER ANNEX 4 OF TPII 2002 SEC 3.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT



Top chord 4x2 SP #2 N
Bot chord 4x2 SP #2 N
Webs 4x2 SP #2 N

Truss must be installed as shown with top chord up.

Fasten rated sheathing to one face of this frame.

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

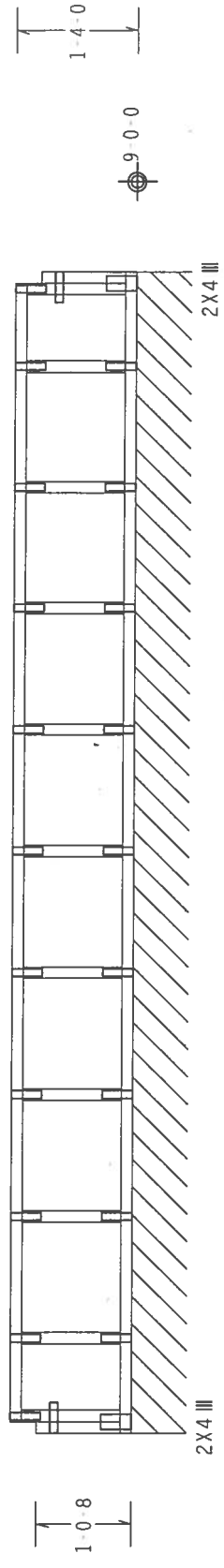
Deflection meets L/360 live and L/240 total load.

Sheathing is required for any longitudinal(drag) forces. All connections to be designed by the building designer.

Truss has been designed for loads indicated and has not been designed for additional wall loads. See DWG GBLSY42A1103 or GBLSY42B1103 for gable details.

1X4 (R) ≡

1X4 (R) ≡



12'-9-0 Over Continuous Support

R=108 PLF W-12 9 0

Note: All Plates Are 1X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave/R

Cq/RT=1.10(1.25)/10(0)

QTY: 1

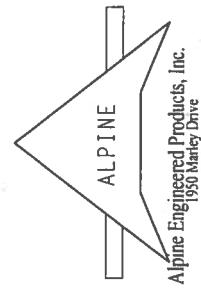
Scale = 5" / Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 D'ORFORD DR., SUITE 200, MADISON, WI 53719) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. PRODUCTS, TRUSSES, SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS TO THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE DESIGNER SHALL DESIGN CONFORMS WITH APPLICABLE PROVISIONS AND MATERIALS SPECIFIED BY THE DESIGNER. ALPINE CONNECTOR PLATES ARE MADE OF 2017B16GA (N/A/2X) ASTM A653 GRADE 40/50 (N/A/2X) GALV STEEL. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A, Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT END AND BUILT FOR THE PROJECT INDICATED ON THE



TC LL	40.0 PSF	REF	R215 - -	24911
TC DL	10.0 PSF	DATE	04/18/06	
BC DL	5.0 PSF	DRW	HCUSR215	06108005
BC LL	0.0 PSF	HC-ENG	EC/WHK	
TOT.LD.	55.0 PSF	SEQN-	116257	
DUR.FAC.	1.00	FROM	CDM	



Top chord 4x2 SP SS
Bot chord 4x2 SP SS
Webs 4x2 SP #2 N

+ 2X6 continuous strongback. See ANSI/TPI 1-02 Sect. 7.5.

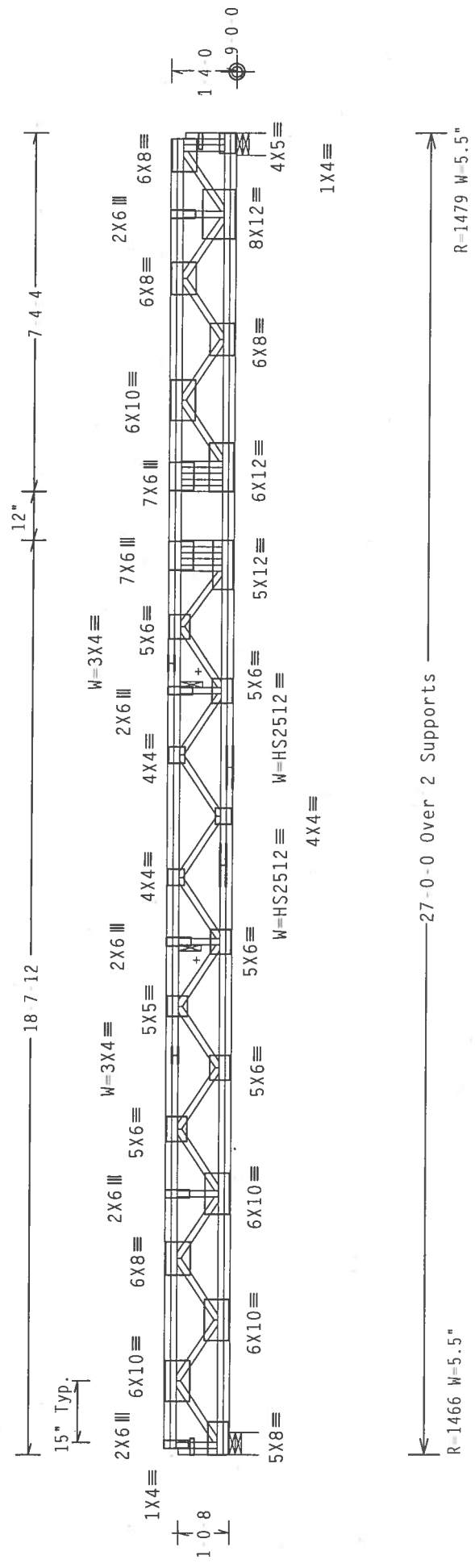
Deflection meets L/360 live and L/240 total load.

Truss must be installed as shown with top chord up.

Max JT VERT DEFL: LL: 0.77" DL: 0.33" recommended camber 1/2"

Calculated vertical deflection is 0.77" due to live load and 0.29" due to dead load at X = 14'-0".

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

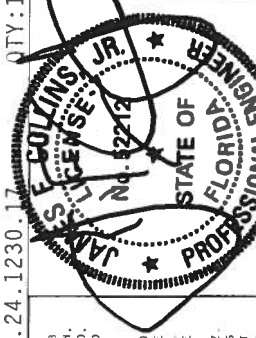


Design Crit: TPI-2002(STD)/FBC

PLT TYP. 20 Gauge HS, Wave/R

Cq/RT=1.10(1.25)/10(0) 7.24.1230.17

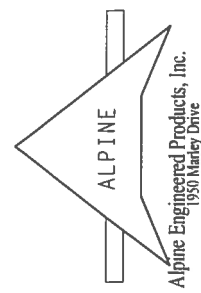
Scale = .3125"/Ft.



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 O'DONOHUE 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 ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS SYSTEM IN ACCORDANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLER. ALPINE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE 2015 INTERNATIONAL BUILDING CODE (IBC) AND THE 2015 ALPINE CONNECTOR PLATES ARE MADE OF 2018/166A (40,000 PSI) ASTM A572 GRADE 50 STEEL. ALPINE SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS ONLY. 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.

QTY:1	FL/-/5/-/-/R/-	TC LL	40.0 PSF	REF	R215--	24912
		TC DL	10.0 PSF	DATE	04/18/06	
		BC DL	5.0 PSF	DRW	HCUSR215	06108006
		BC LL	0.0 PSF	HC-ENG	EC/WHK	
		TOT.LD.	55.0 PSF	SEQN-	116198	REV
		DUR.FAC.	1.00	FROM	CDM	



Top chord 4x2 SP SS
Bot chord 4x2 SP SS
Webs 4x2 SP #2 N

+ 2X6 continuous strongback. See ANSI/TPI 1-02 Sect. 7.5.

SPECIAL LOADS

(LUMBER DUR.FAC.=1.00 / PLATE DUR.FAC.=1.00)
TC - From 100 PLF at 0.13 to 100 PLF at 26.88
BC - From 10 PLF at 0.00 to 10 PLF at 27.00
TC - 790 LB Conc. Load at 8.15, 10.15, 12.15, 14.15

Truss must be installed as shown with top chord up.

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

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

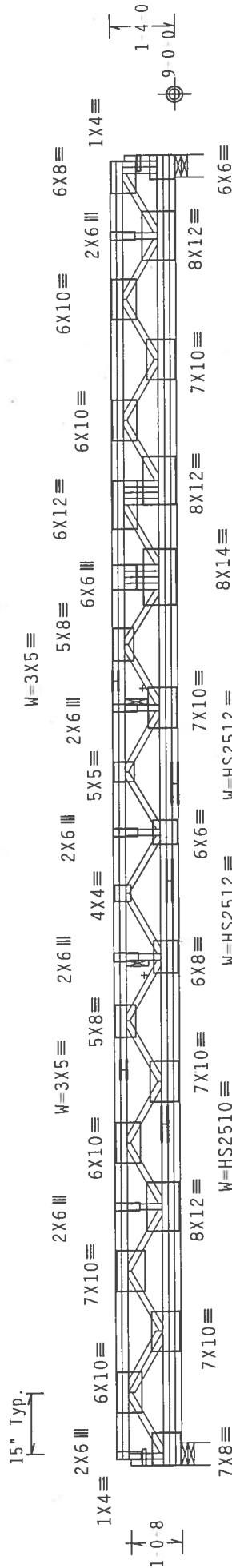
2 COMPLETE TRUSSES REQUIRED

See DWG CNSY42PL1103 for connection details of 2 ply trusses.

Max JT VERT DEFL: LL: 0.87" DL: 0.33" recommended camber 1/2"

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

Calculated vertical deflection is 0.87" due to live load and
0.33" due to dead load at X = 13'-0".



27'-0" Over 2 Supports

R=3320 W=5.5"

R=2785 W=5.5"

Design Crit: TPI-2002(STD)/FBC

PLT TYP. 20 Gauge HS, Wave/R

Cq/RT=1.10(1.25)/10(0)

7.24.1230.17

QTY: 1

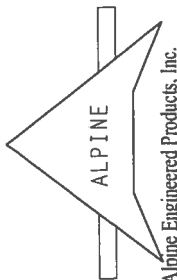
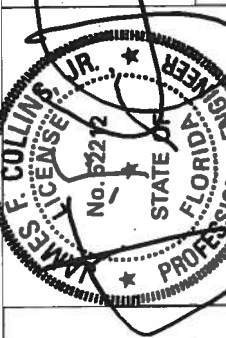
FL/-5/-/-R/-

Scale = .3125"/Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31103 (BUILDING COMPONENT SAFETY INFORMATION) AND TPI-2002(STD) FOR TRUSS MANUFACTURING AND INSTALLATION PRACTICES. TRUSSES SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-2002(STD) OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/ASCE) AND TPI-2002(STD). CORROSION RESISTANT PLATES ARE MADE OF 20/18/16GA (N-H/S/K) ASTM A653 GRADE 40/60 (N, P/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT 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-2002(STD) OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/ASCE) AND TPI-2002(STD). CORROSION RESISTANT PLATES ARE MADE OF 20/18/16GA (N-H/S/K) ASTM A653 GRADE 40/60 (N, P/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT RIGID CEILING.

REF	R215--	24913
DATE	04/18/06	
DRW	HCUSR215 06108007	
HC-ENG	EC/WHK	
SEQN-	116254	REV
DUR.FAC.	1.00	FROM CDM



Top chord 4x2 SP #2 N
Bot chord 4x2 SP #2 N
Webs 4x2 SP #2 N

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

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

Fasten rated sheathing to one face of this frame.

Truss has been designed for loads indicated and has not been designed for additional wall loads. See DWG GBLSY42A1103 or GBLSY42B1103 for gable details.

Truss must be installed as shown with top chord up.

Sheathing is required for any longitudinal(drag) forces. All connections to be designed by the building designer.

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

1X4 (R) ≡

1'-0" 8

1X4 (R) ≡

1'-4" 0

9'-0" 0

2X4 III

2X4 III

14'-5" 8 Over Continuous Support

R=108 PLF W=14'-5-8

Note: All Plates Are 1X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.10(1.25)/10(0)

7.24.1230

QTY:1

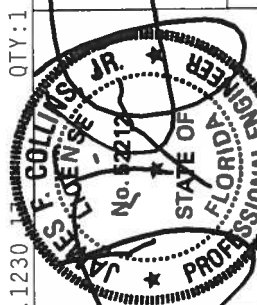
FL/-/5/-/1-R/-

Scale =.5"/Ft.

PLT TYP. Wave R

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. AFTER TO BESET 1-03 (BUILDING CODES) AND 1-04 (TRUSS PLATE INSTITUTE, 503 WASHINGTON ST. 53719) AND MECA. HODD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN. WASHINGTON, DC 20015) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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REF	R215--	24917
DATE	04/18/06	
DRW	HCUSR215	06108011
HC-ENG	EC/WHK	
SEQN-	116310	
FROM	CDM	

Top chord 4x2 SP #2 N
Bot chord 4x2 SP #2 N
Webs 4x2 SP #2 N

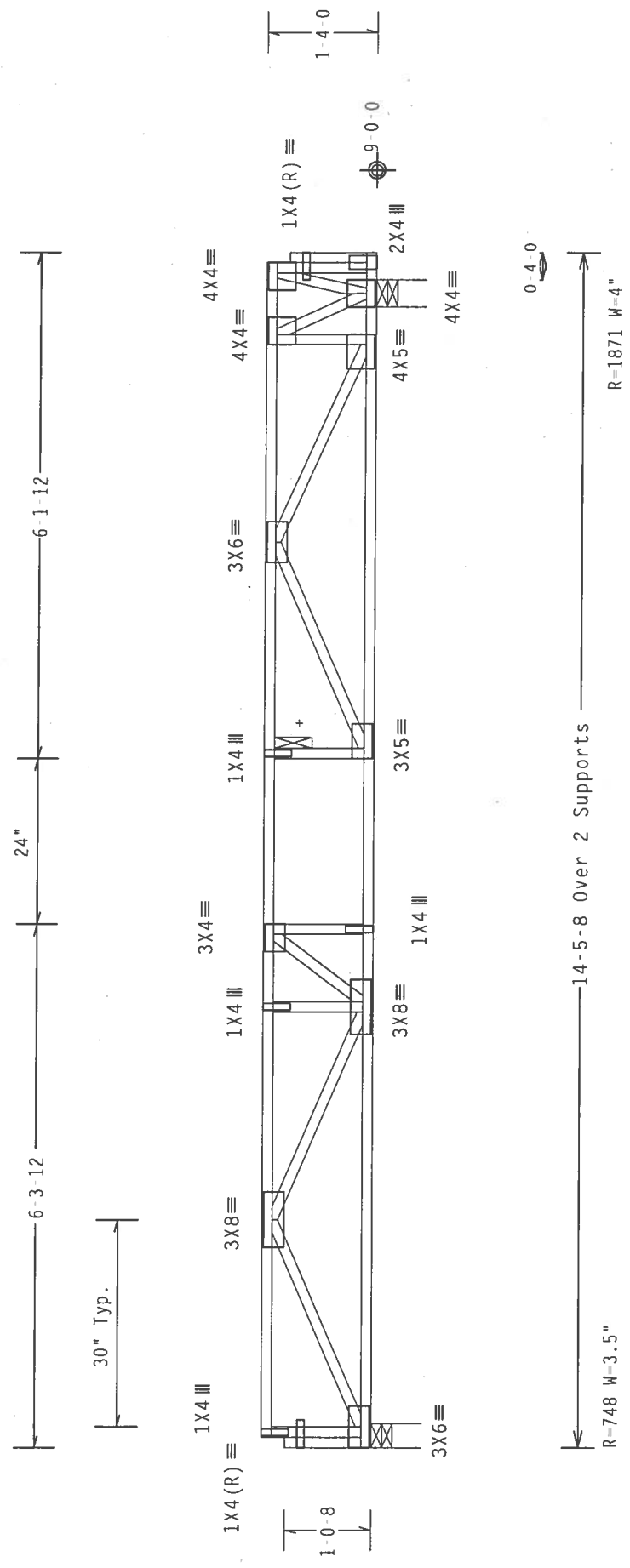
Deflection meets L/360 live and L/240 total load.

Truss must be installed as shown with top chord up.

+ 2X6 continuous strongback. See ANSI/TPI 1-02 Sect. 7.5.

This truss spaced @ 24.0" OC supports additional concentrated load at right end from 8.00' stud wall (13.75 PSF) supporting 9'-4" roof spans with 2'-0" overhang. Roof load: 20.00 psf LL and 40.00 psf DL.

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



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.10(1.25)/10(0)

PLT TYP. Wave/R

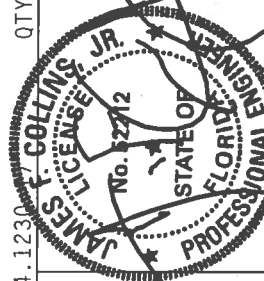
QTY:1

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

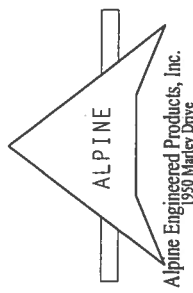
Scale = 5" / Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 D'ONOFRIO 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.

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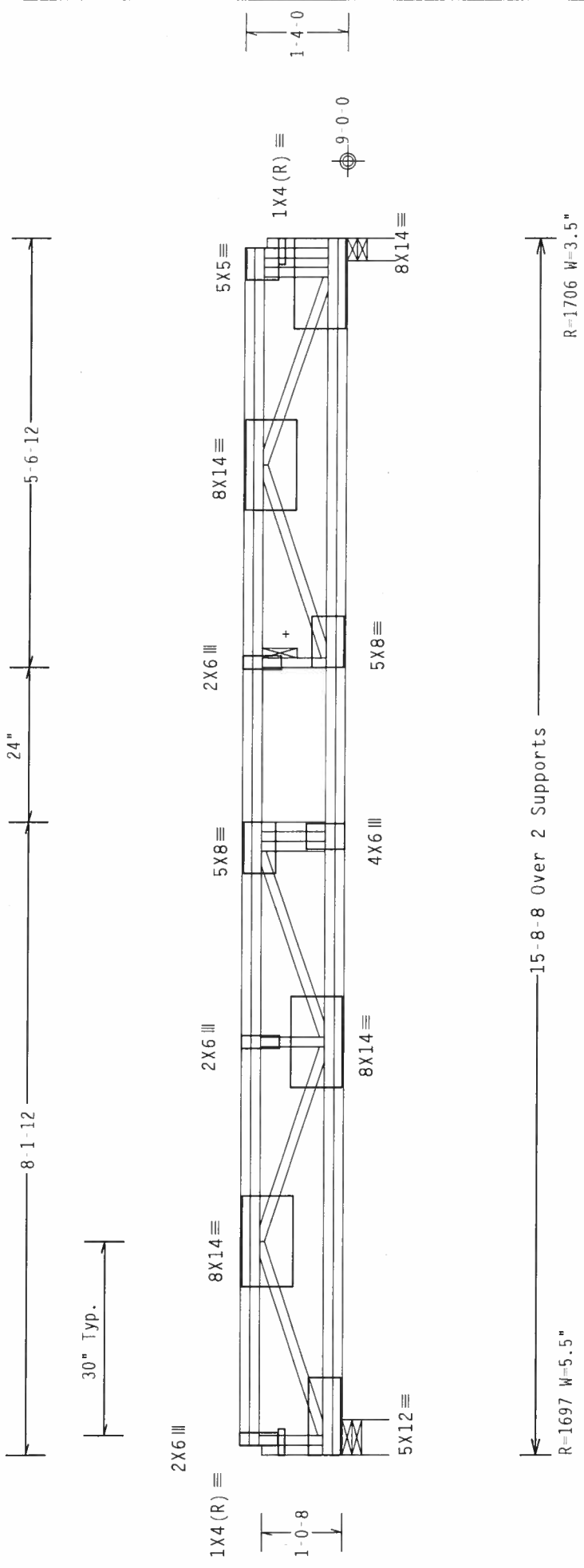


TC LL	40.0 PSF	REF	R215 - 24918
TC DL	10.0 PSF	DATE	04/18/06
BC DL	5.0 PSF	DRW	HCUSR215 06108012
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT.LD.	55.0 PSF	SEQN	116317
DUR.FAC.	1.00	FROM	CDM



+ 2X6 continuous strongback. See ANSI/TPI 1-02 Sect. 7.5.
Max JT VERT DEFL: LL: 0.23" DL: 0.46" recommended camber 1/2"
Deflection meets L/360 live and L/240 total load.
Truss must be installed as shown with top chord up.
The overall height of this truss excluding overhang is 1-4-0.

Top chord 4x2 SP #2 N
Bot chord 4x2 SP SS
Webs 4x2 SP #2 N
SPECIAL LOADS
----- (LUMBER DUR.FAC.=1.00 / PLATE DUR.FAC.=1.00)
TC - From 210 PLF at 0.13 to 210 PLF at 15.58
BC - From 10 PLF at 0.00 to 10 PLF at 15.71



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave\R

QTY:1

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

Scale = .5" / Ft.

REF	R215--	24919
DATE	04/18/06	
DRW	HCUSR215	06108013
HC-ENG	EC/WHK	
SEQN-	116321	REV
FROM	CDM	

ALPINE

Alpine Engineered Products, Inc.

1990 Marlow Drive

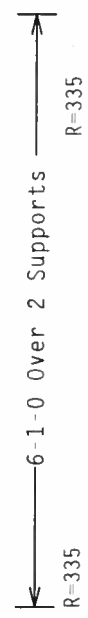
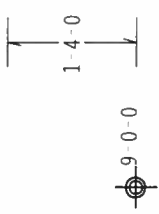
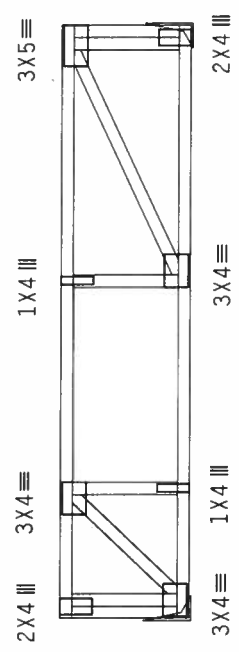
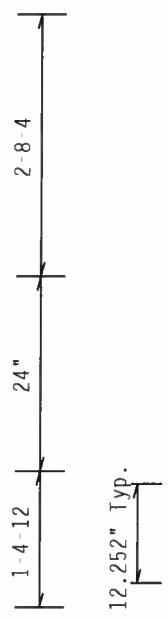
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSE 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719), AND NCA (NATIONAL COUNCIL OF AMERICA, 6300 ENTERPRISE 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. PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AFAPA) AND IPT. ALPINE PLATES ARE MADE OF 2018/16GA (N/17/5X1) ASH ASS GRAD 40/60 (N. 6/PL5) GALV. STEEL. APPLY TO EXTERIOR SURFACES. THIS DESIGN IS FOR THE 1002 LBS PER LINEAL FOOT. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PICKED UP BY THE TRUSS COMPANY. THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT.

Top chord 4x2 SP #2 N
Bot chord 4x2 SP #2 N
Webs 4x2 SP #2 N

Deflection meets L/360 live and L/240 total load.
Truss must be installed as shown with top chord up.

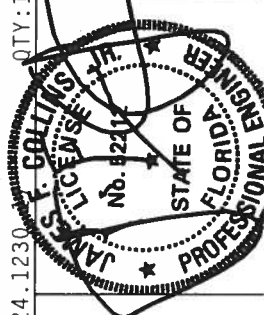
The overall height of this truss excluding overhang is 1-4-0.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.10(1.25)/10(0) 7.24.1230

PLT TYP. Wave\R

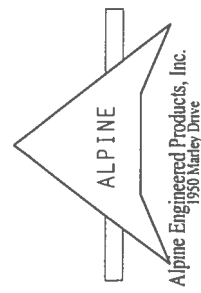
Scale = .5" / Ft.



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****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN ACCORDANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE PROVISIONS OF THE NATIONAL DESIGN SPECIFICATION FOR STEEL TRUSSES AND JOINTS, 10TH EDITION, 1989, AND THE AISC 360-10 SPECIFICATION FOR STRUCTURAL STEEL, 4TH EDITION, 2010. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES.

TC LL	40.0 PSF	REF	R215 -- 24920
TC DL	10.0 PSF	DATE	04/18/06
BC DL	5.0 PSF	DRW	HCUSR215 06108014
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT.LD.	55.0 PSF	SEQN	116265
DUR.FAC.	1.00	FROM	CDM



Top chord 4x2 SP SS
Bot chord 4x2 SP SS
Webs 4x2 SP #2 N

2 COMPLETE TRUSSES REQUIRED

Max JT VERT DEFL: LL: 0.36" DL: 0.19" recommended camber 1/4"

+ 2X6 continuous strongback. See ANSI/TPI 1-02 Sect. 7.5.

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

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.00 / PLATE DUR.FAC.=1.00)

TC - From 100 PLF at 0.13 to 100 PLF at 15.71

BC - From 10 PLF at 0.00 to 10 PLF at 15.71

TC - 1492 LB Conc. Load at 6.63, 12.96

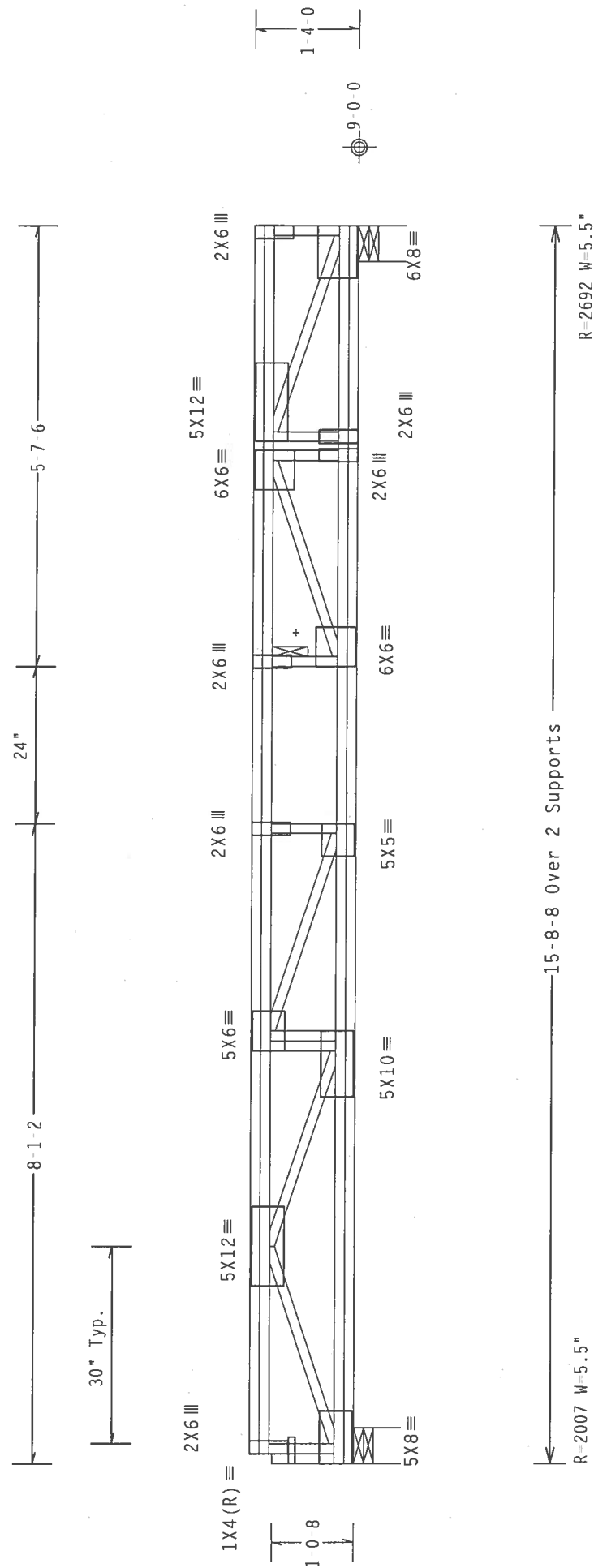
Truss must be installed as shown with top chord up.

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

See DWG CNSY42PL1103 for connection details of 2 ply trusses where C.N. OR S = 10.

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

NOTE: ALL CONCENTRATED LOADS MUST BE EVENLY DISTRIBUTED OVER ALL PLYS.



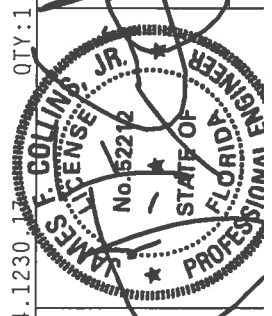
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.10(1.25)/10(0) 7.24.1230.17

PLT TYP. Wave/R

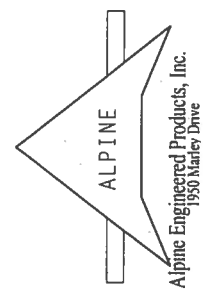
Scale = 5"/Ft.

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REF	R215 -	24921
DATE	04/18/06	
DRW	HCUSR215	06108015
HC-ENG	EC/WHK	
SEQN	116330	REV
FROM	CDM	



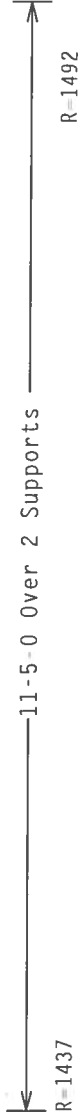
Country	Percentage (%)
Argentina	~1
Brazil	~15
China	~10
India	~35
Indonesia	~25
Italy	~1
Japan	~1
Korea	~1
Mexico	~10
Pakistan	~55
Philippines	~30
South Africa	~10
South Korea	~1
Taiwan	~1
Thailand	~10
United States	~1
USSR	~2

Nailing Schedule: (10d Box or
Top Chord: 1 Row @ 8.00" o.c.
Bot Chord: 1 Row @ 8.00" o.c.
Webs : 1 Row @ 4" o.c.

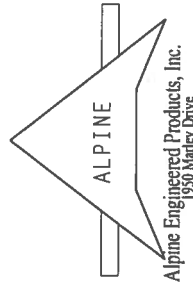
	(LUMBER	DUR.FAC.	1.00	/	PLATE	DUR.FAC.	1.00)
TC	From	100 PLF	at	0.00	to	100 PLF	at 11.42
BCB	From	10 PLF	at	0.00	to	10 PLF	at 11.42
BC	335 LB	Conc.	Load	at	1.90,	3.90,	5.90,

The TC of this truss shall be braced with attached spans at 24" OC in lieu of structural sheathing.

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

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

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



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

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.00 / PLATE DUR.FAC.=1.00)
TC - From 100 PLF at 0.00 to 100 PLF at 11.42
BC - From 10 PLF at 0.00 to 10 PLF at 11.42
BC - 335 LB Conc. Load at 1.90, 3.90, 5.90, 7.90, 9.90

Truss must be installed as shown with top chord up.

The TC of this truss shall be braced with attached spans at 24" OC in lieu of structural sheathing.

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

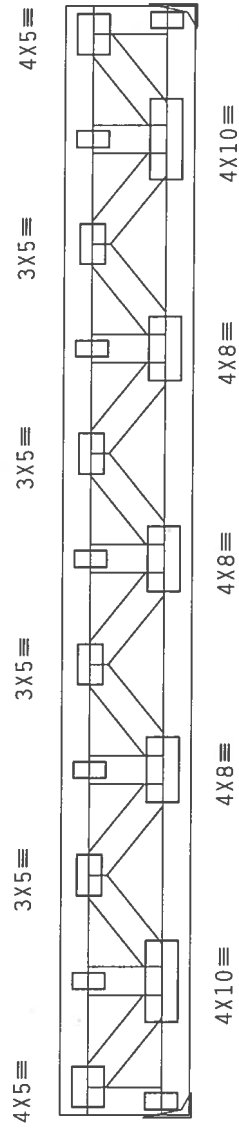
2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (10d Box or Gun (0.128"x3", min.) nails)
Top Chord: 1 Row @ 8.00" O.C.
Bot Chord: 1 Row @ 8.00" O.C.
Webs : 1 Row @ 4" O.C.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

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

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

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



11'-5" Over 2 Supports
R-1437 R-1492

Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

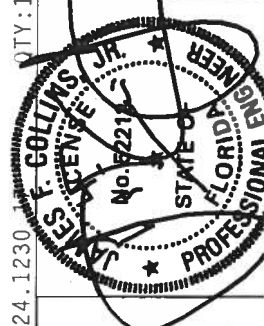
PLT TYP. Wave R

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

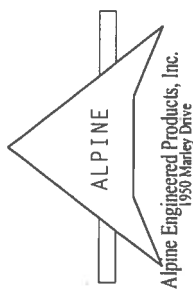
Scale = .5" / Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IPT (TRUSS PLATE INSTITUTE, 583 O'DONOHIO DR., SUITE 200, MADISON, WI 53719) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE DR., 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 TO THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY FAILURE TO BUILD THE TRUSS TO THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS TO THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY FAILURE TO BUILD THE TRUSS TO THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS TO THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR.



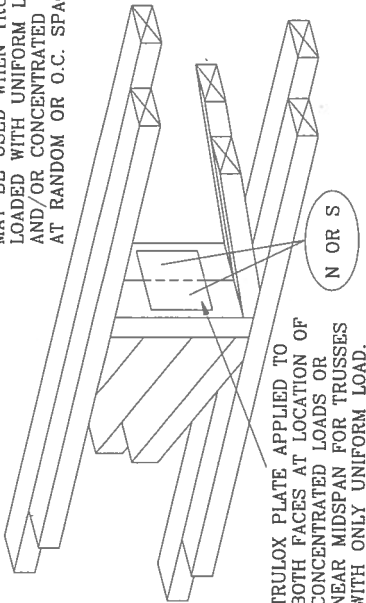
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TC DL	10.0 PSF	DATE	04/18/06	
BC DL	5.0 PSF	DRW	HCUSR215	06108017
BC LL	0.0 PSF	HC-ENG	EC/WHK	
TOT.LD.	55.0 PSF	SEQN-	116274	
DUR.FAC.	1.00	FROM	CDM	



SYSTEM 42 PLY TO PLY CONNECTION DETAILS

FIGURE 1: WEB TRULOX PLATE CONNECTION

WEB TRULOX PLATE CONNECTION MAY BE USED WHEN TRUSS IS LOADED WITH UNIFORM LOAD AND/OR CONCENTRATED LOADS AT RANDOM OR O.C. SPACINGS.



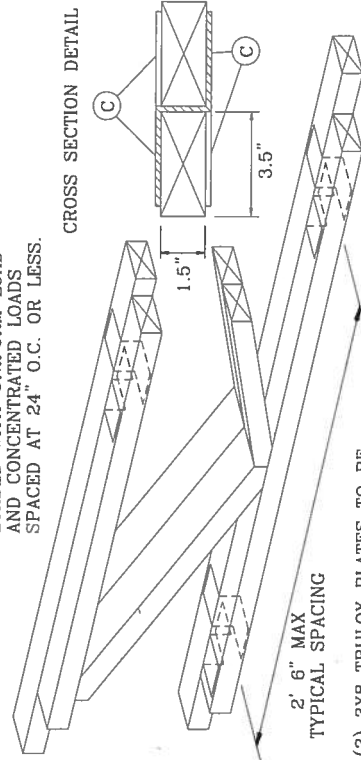
TRULOX PLATE APPLIED TO BOTH FACES AT LOCATION OF CONCENTRATED LOADS OR NEAR MIDSPAN FOR TRUSSES WITH ONLY UNIFORM LOAD.

4X6 TRULOX FOR P = 2900# MAX.
6X6 TRULOX FOR P = 4400# MAX.

3/4" THICK BY 7" WIDE APA RATED SHEATHING CUT TO FIT ALONG VERTICAL WEB LENGTH MAY BE SUBSTITUTED FOR TRULOX PLATES. ATTACH WITH (S) 8D COMMON (0.131" x 2 1/2") NAILS IN EACH VERTICAL WEB.

FIGURE 2: CHORD TRULOX PLATE CONNECTION

CHORD TRULOX PLATES CONNECTION MAY BE USED WHEN TRUSS IS LOADED WITH UNIFORM LOAD AND CONCENTRATED LOADS SPACED AT 24" O.C. OR LESS.



(2) 3X8 TRULOX PLATES TO BE BENT AND APPLIED AS SHOWN. PLATES TO BE POSITIONED APPROXIMATELY 1/4" APART SPACED AT 2' 6" MAXIMUM O.C. BETWEEN PAIRS.

SYSTEM 42 CONNECTION NOTES:

"N" & "C" ARE THE REQUIRED NUMBER OF 0.120" x 1.375" NAILS, OR EQUAL, PER FACE PER PLY FOR USE WITH TRULOX PLATE CONNECTIONS AS SPECIFIED ON THE ENGINEER'S SEALED DESIGN REFERENCE THIS DETAIL.

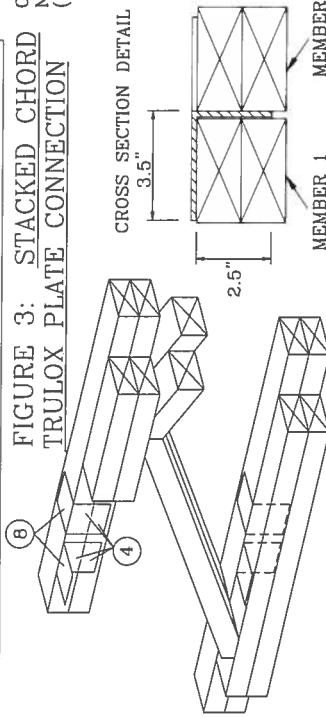
"S" IS THE REQUIRED NUMBER OF 0.131" x 2.5" NAILS, OR EQUAL, PER FACE PER PLY FOR USE WITH TRULOX PLATE CONNECTIONS AS SPECIFIED ON THE ENGINEER'S SEALED DESIGN REFERENCE THIS DETAIL.

REFER TO THE ENGINEER'S SEALED DESIGN FOR LUMBER, PLATES AND OTHER INFORMATION NOT SHOWN HERE.

0.125" x 3" GUN NAILS MAY BE USED IN PLACE OF 10d COMMON (0.148" x 3") NAILS WHEN CONNECTING SHEAR BLOCKS.

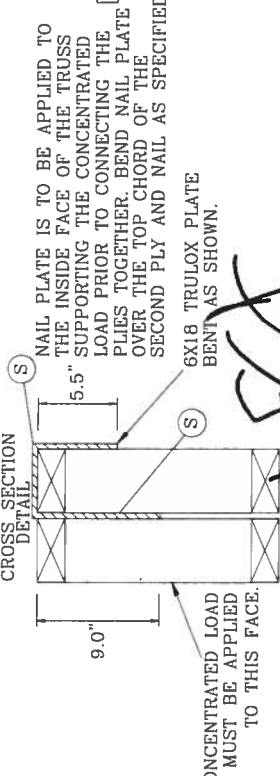
ONE OF THESE 6 FIGURES SHALL BE USED FOR EACH 2-PLY SYSTEM 42 TRUSS.

FIGURE 3: STACKED CHORD TRULOX PLATE CONNECTION



(2) 3X6 TRULOX PLATES. ATTACH WITH 0.131" x 1.375" NAILS TO 1.5" SIDE OF MEMBER 1 SYSTEM 42 CHORDS AS SHOWN THEN BEND 90° AND ATTACH TO 3.5" SIDE OF MEMBER 2 CHORDS AS SHOWN. USE SAME PROCEDURE STARTING WITH MEMBER 2 WHILE OFFSETTING TRULOX PLATE LOCATION BY 4" SPACE BETWEEN PLATE PAIRS AT 2' 6" MAXIMUM O.C.

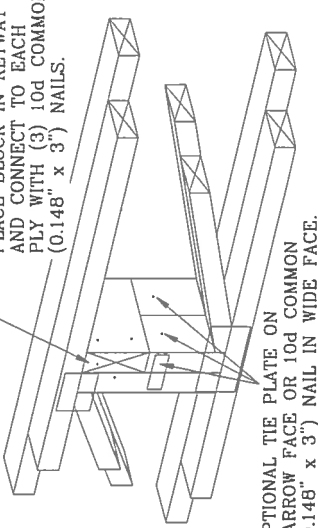
FIGURE 4: CHORD TRULOX PLATE CONNECTION AT CONCENTRATED LOAD LOCATION



CONCENTRATED LOAD MUST BE APPLIED TO THIS FACE.

FIGURE 5: SINGLE SHEAR BLOCK CONNECTION AT CONCENTRATED LOAD

2X6 OR 2X8 #3 OR BETTER SHEAR BLOCK. PLACE BLOCK IN KEYWAY AND CONNECT TO EACH PLY WITH (3) 10d COMMON (0.148" x 3") NAILS.

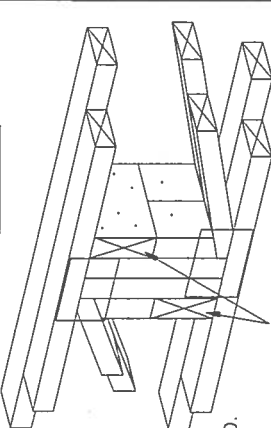


OPTIONAL TIE PLATE ON NARROW FACE OR 10d COMMON (0.148" x 3") NAIL IN WIDE FACE.

CROSS SECTION DETAIL

7" LONG BLOCK SIZE	MAX LOAD P
(1) 2x6	1500#
(1) 2x8	2000#
(2) 2x6	3000#
(2) 2x8	3500#

FIGURE 6: DOUBLE SHEAR BLOCKS CONNECTION AT CONCENTRATED LOAD



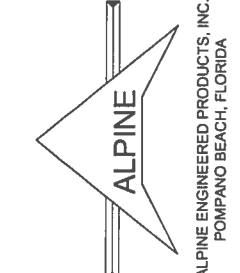
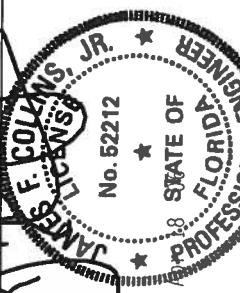
2X6 OR 2X8 #3 OR BETTER SHEAR BLOCKS. PLACE BLOCK IN KEYWAY AND CONNECT TO EACH PLY WITH (3) 10d COMMON (0.148" x 3") NAILS

THIS DRAWING REPLACES DRAWINGS 1,070,978 798517 T620,124 & T615,489

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 1-03 BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE BUILDING PLATE INSTITUTE, 583 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, 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 BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BRACE, OR ANY OTHER CAUSE OF FAILURE. BRACING OF TRUSSES DESIGN CONFORMS WITH APPLICABLE DESIGN SPECIFICATIONS, SPEC. 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 60A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (3) 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 OWNER.

TC LL	PSF	REF	SY42 CONNECTION
TC DL	PSF	DATE	11/26/03
BC DL	PSF	DRWG	CNSY42PL1103
BC LL	PSF	ENG	MLH/KAR
TOT. LD.	PSF		
DUR. FAC.	1.00		



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:1SWJ215-Z0521135945

Truss Fabricator: W.B. Howland
Job Identification: 3010F-/Angel Gomez Residence /EDGELY CONSTRUCTION -- LAKE CITY, FL
Truss Count: 3
Model Code: Florida Building Code 2004
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Version 7.24.
Structural Engineer of Record: The identity of the structural EOR did not exist as of
Address: the seal date per section 61G15-31.003(5a) of the FAC
Minimum Design Loads: Roof - N/A
Floor - 55.0 PSF @ 1.00 Duration
Wind - No Wind

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: CNSY42PL-



Seal Date: 04/21/2006

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

#	Ref	Description	Drawing#	Date
1	63036--F8		06111060	04/21/06
2	63037--F9		06111061	04/21/06
3	63038--F10G (2-PLY)		06111062	04/21/06



Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Page 1 of 1 Document ID: ISWJ215-Z0521135945

Truss Fabricator: W.B. Howland
Job Identification: 3010F-/Angel Gomez Residence /EDGELY CONSTRUCTION -- LAKE CITY, FL
Truss Count: 1
Model Code: Florida Building Code 2004
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Version 7.24.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - N/A
Floor - 55.0 PSF @ 1.00 Duration
Wind - No Wind

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: 04/21/2006

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

Revised Trusses

#	Ref	Description	Drawing#	Date
1	63038--	F10G (2-PLY)	06111062	04/21/06



Top	chord	4x2	SP	#2	N
Bot	chord	4x2	SP	#2	N
	webs	4x2	SP	#2	N

Truss must be installed as shown with top chord up.

Sheathing is required for any longitudinal(drag) forces. All connections to be designed by the building designer.

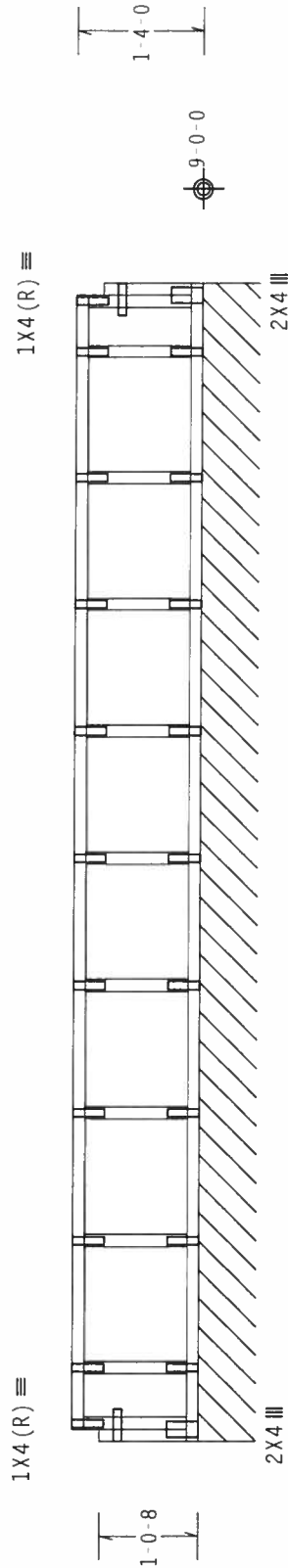
The overall height of this truss excluding overhang is 14.0.

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

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

Fasten rated sheathing to one face of this frame.

Truss has been designed for loads indicated and has not been designed for additional wall loads. See DWG GBLSY42A1103 or GBLSY42B1103 for gable details.



-12-1-14 Over Continuous Support

R=108 PLF W=12-1-14

Note: All Plates Are 1X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave/R

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

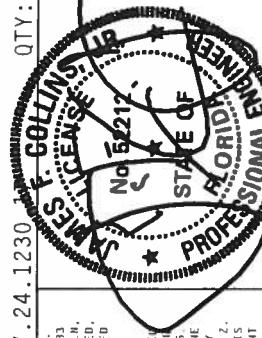
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WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 103 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE STEEL PLATE INSTITUTE, 563 D. OROFF DR., PITTSBURGH, PA 15201, AND AISC 1600 TRUSS COUNCIL OF AMERICA, INC., 1600 N. W. 37TH AVENUE, MIAMI, FL 33149, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

**** IMPORTANT ****TURISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.
PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN.
THUS IN CONFORMANCE WITH TPI:
CONTRACTORS WILL FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING TO BUILD THE
CONNECTORS WITH ALL APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AFAPA) AND TPI.
ALPHINE APPLY
GALV. STEEL
6"x1-5/8"
APPLY PER SECT.
7.03.1.3
IF ANY INSPECTION OF PLATES FOLLOWED BY (1). SHALL BE PER AMER K3 OF TP11 2002 SEC. 3.
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSE SOLELY FOR THE TRUSS COMPONENT.



Alpine Engineered Products, Inc.
1950 Marley Drive



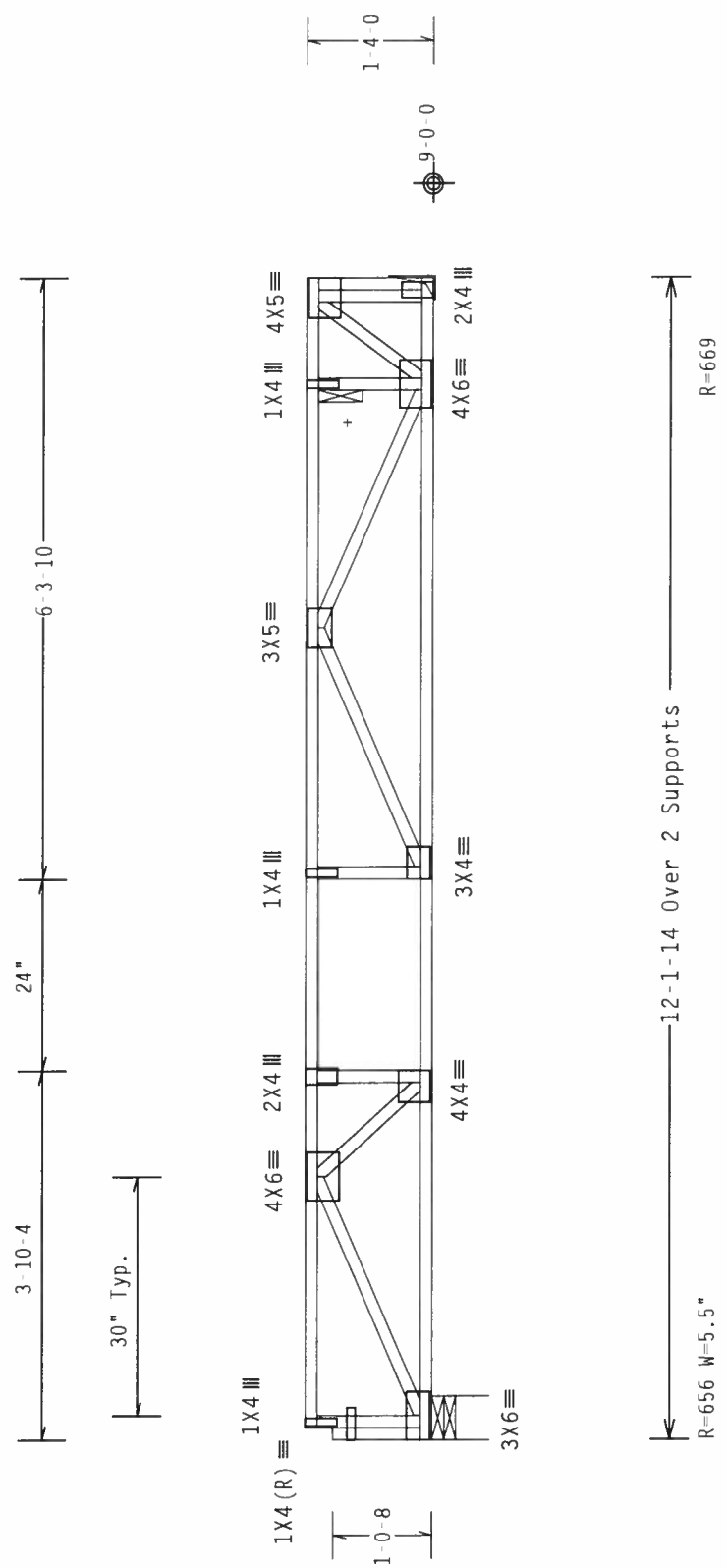
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BC DL	5.0	PSF	DRW	HCUSR215	06111060
BC LL	0.0	PSF	HC-ENG	EC/AP	
TOT.LD.	55.0	PSF	SEQN-	116868	
DUR.FAC.	1.00		FROM	CDM	

(3010F - /Angel Gomez Residence /EDGEY CONSTRUCTION -- LAKE CITY, FL - F9)

Top chord 4x2 SP #2 N
Bot chord 4x2 SP #2 N
Webs 4x2 SP #2 N

+ 2X6 continuous strongback. See ANSI/TPI 1-02 Sect. 7.5.
Deflection meets L/360 live and L/240 total load.
The overall height of this truss excluding overhang is 1-4-0.

Truss must be installed as shown with top chord up.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.10(1.25)/10(0)

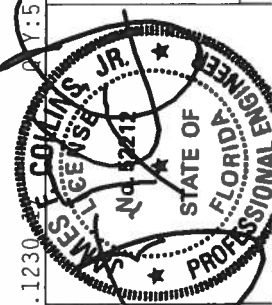
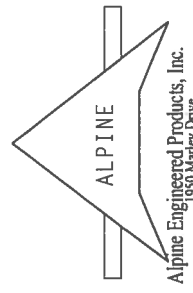
PLT TYP. Wave/R

7.24.1230

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, 503 D'ORFORD 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 UNLESS 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. CORRECTION PLATES ARE MADE OF 20/18/70GA (.0115/.0125) ASTM A553 GRADE 40/60 (R. K/M.S.) GALV. STEEL. APPLY PLATES TO EACH FACE OF ALL TRUSS AND BRACING MEMBERS UNLESS OTHERWISE SPECIFIED. POSITION PER DRAWINGS TOOK 2. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE TO FACE. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT



TC LL	40.0 PSF	REF	R215 -- 63037
TC DL	10.0 PSF	DATE	04/21/06
BC DL	5.0 PSF	DRW	HCUSR215 0611061
BC LL	0.0 PSF	HC-ENG	EC/AP
TOT.LD.	55.0 PSF	SEQN-	118229
DUR.FAC.	1.00	FROM	CDM

Top Chord 4x4 SP #2 N
Bot Chord 4x2 SP #2 N
Webs 4x2 SP #2 N

See ANSI/TPI 1-02 Sect 7.5 for additional bracing requirements.

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

Truss must be installed as shown with top chord up.

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

2 COMPLETE TRUSSES REQUIRED

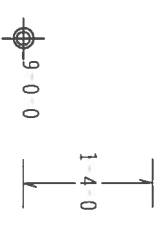
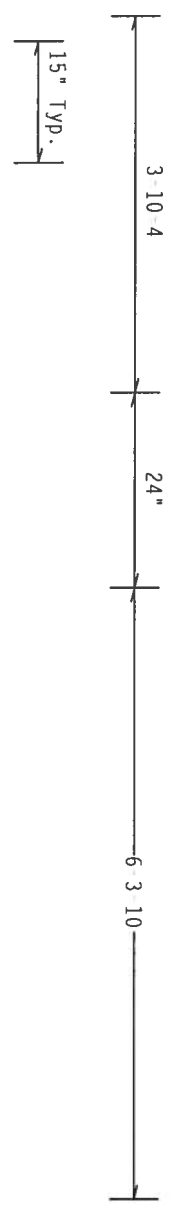
SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.00 / PLATE DUR.FAC.=1.00)
TC - From 100 PLF at 0.13 to 100 PLF at 12.21
BC - From 10 PLF at 0.00 to 10 PLF at 12.21
PLT - 809 LB Conc. Load at (1.85,10.29), (3.85,10.29), (5.85,10.29)
(7.85,10.29), (9.85,10.29), (11.85,10.29)

The overall height of this truss excluding overhang is 14'0".

NOTE: ALL CONCENTRATED LOADS MUST BE EVENLY DISTRIBUTED
OVER ALL PLAYS.

See DWG CWSY42PL1103 for connection details of 2 ply trusses where
C,N, OR S = 5.



PLT TYP. Wave/R

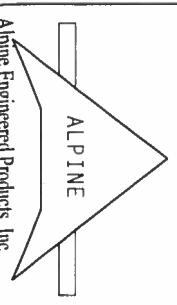
Design Cnt: TPI-2002 (STD)/FBC
Cq/RT=1.10(1.25)/10(0)

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

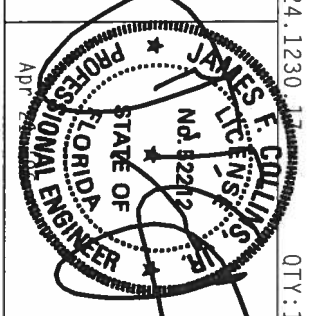
Scale = 5"/ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 O'CONNOR 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.

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

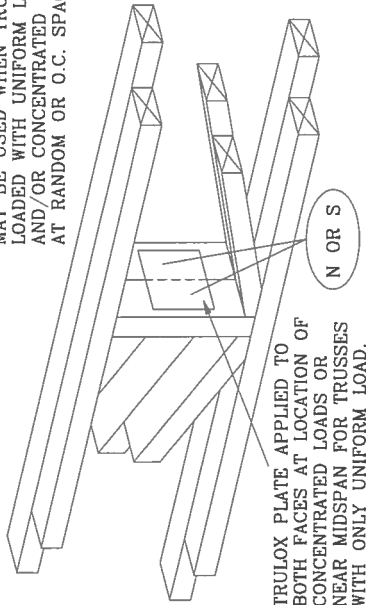


TC LL	40.0 PSF	REF R215-- 63038
TC DL	10.0 PSF	DATE 04/21/06
BC DL	5.0 PSF	DRW HCUR215 06111062
BC LL	0.0 PSF	HC-ENG EC/AP
TOT.LD.	55.0 PSF	SEQN- 118235 REV
DUR.FAC.	1.00	FROM CDM
SPACING	24.0"	JREF- 1SWJ215_Z05

SYSTEM 42 PLY TO PLY CONNECTION DETAILS

FIGURE 1: WEB TRULOX PLATE CONNECTION

WEB TRULOX PLATE CONNECTION MAY BE USED WHEN TRUSS IS LOADED WITH UNIFORM LOAD AND/OR CONCENTRATED LOADS AT RANDOM OR O.C. SPACINGS.



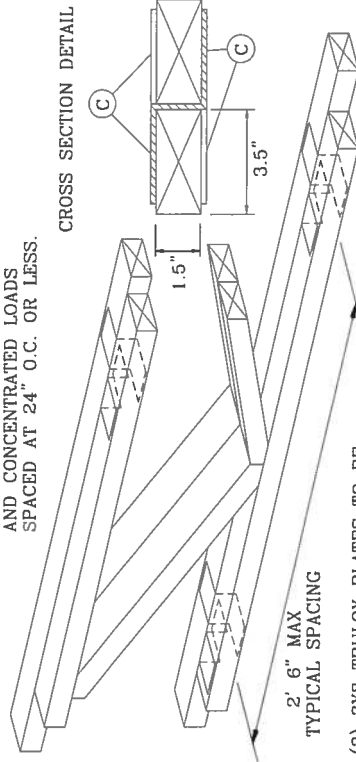
TRULOX PLATE APPLIED TO BOTH FACES AT LOCATION OF CONCENTRATED LOADS OR NEAR MIDSPAN FOR TRUSSES WITH ONLY UNIFORM LOAD.

4X6 TRULOX FOR P = 2900# MAX.
6X6 TRULOX FOR P = 4400# MAX.

3/4" THICK BY 7" WIDE APA RATED SHEATHING CUT TO FIT ALONG VERTICAL WEB LENGTH MAY BE SUBSTITUTED FOR TRULOX PLATES. ATTACH WITH (S) 8D COMMON (0.131" x 2 1/2") NAILS IN EACH VERTICAL WEB.

FIGURE 2: CHORD TRULOX PLATE CONNECTION

CHORD TRULOX PLATES CONNECTION MAY BE USED WHEN TRUSS IS LOADED WITH UNIFORM LOAD AND CONCENTRATED LOADS SPACED AT 24" O.C. OR LESS.



(2) 3X8 TRULOX PLATES TO BE BENT AND APPLIED AS SHOWN. PLATES TO BE POSITIONED APPROXIMATELY 1/4" APART SPACED AT 2' 6" MAXIMUM O.C. BETWEEN PAIRS.

SYSTEM 42 CONNECTION NOTES:

"N" & "C" ARE THE REQUIRED NUMBER OF 0.120" X 1.375" NAILS, OR EQUAL, PER FACE PER PLY FOR USE WITH TRULOX PLATE CONNECTIONS AS SPECIFIED ON THE ENGINEER'S SEALED DESIGN REFERENCING THIS DETAIL.

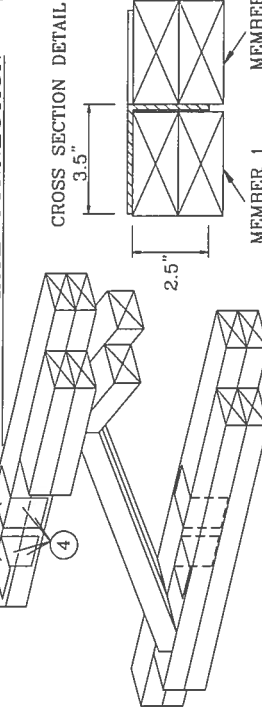
"S" IS THE REQUIRED NUMBER OF 0.131" X 2.5" NAILS, OR EQUAL, PER FACE PER PLY FOR USE WITH TRULOX PLATE CONNECTIONS AS SPECIFIED ON THE ENGINEER'S SEALED DESIGN REFERENCING THIS DETAIL.

REFER TO THE ENGINEER'S SEALED DESIGN FOR LUMBER, PLATES AND OTHER INFORMATION NOT SHOWN HERE.

0.125" X 3" GUN NAILS MAY BE USED IN PLACE OF 10d COMMON (0.148" x 3") NAILS WHEN CONNECTING SHEAR BLOCKS.

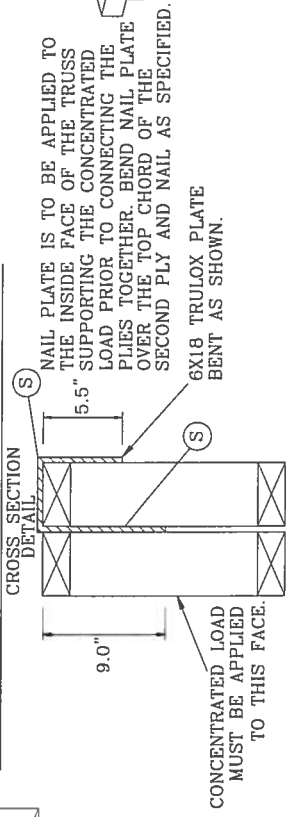
ONE OF THESE 6 FIGURES SHALL BE USED FOR EACH 2-PLY SYSTEM 42 TRUSS.

FIGURE 3: STACKED CHORD TRULOX PLATE CONNECTION



(2) 3X6 TRULOX PLATES. ATTACH WITH 0.131" X 1.375" NAILS TO 1.5" SIDE OF MEMBER 1 SYSTEM 42 CHORDS AS SHOWN THEN BEND 90° AND ATTACH TO 3.5" SIDE OF MEMBER 2 CHORDS AS SHOWN. USE SAME PROCEDURE STARTING WITH MEMBER 2 WHILE OFFSETTING TRULOX PLATE LOCATION BY 4" SPACE BETWEEN PLATE PAIRS AT 2' 6" MAXIMUM O.C.

FIGURE 4: CHORD TRULOX PLATE CONNECTION AT CONCENTRATED LOAD LOCATION



CONCENTRATED LOAD MUST BE APPLIED TO THIS FACE.

FIGURE 5: SINGLE SHEAR BLOCK CONNECTION AT CONCENTRATED LOAD

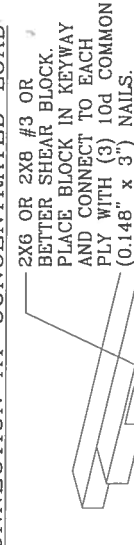


FIGURE 6: DOUBLE SHEAR BLOCKS CONNECTION AT CONCENTRATED LOAD

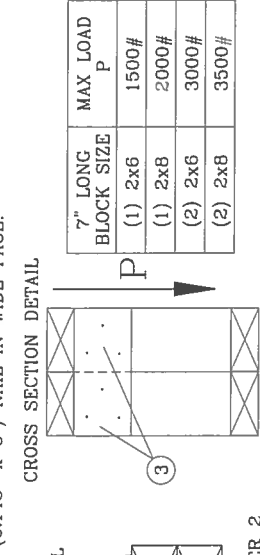
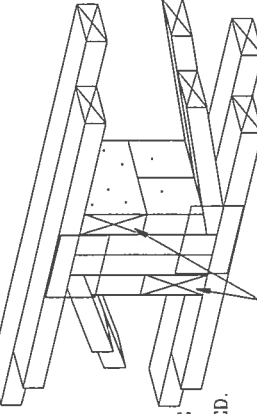


FIGURE 6: DOUBLE SHEAR BLOCKS CONNECTION AT CONCENTRATED LOAD



2X6 OR 2X8 #3 OR BETTER SHEAR BLOCKS. PLACE BLOCK IN KEYWAY AND CONNECT TO EACH PLY WITH (3) 10d COMMON (0.148" x 3") NAILS

THIS DRAWING REPLACES DRAWINGS 1,070,978 798517 T620,124 & T615,489

ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

ALPINE VOLLMERS, JR.
No. 52312
'06
STATE OF FLORIDA
PROFESSIONAL ENGINEERING

TC LL	PSF	REF	SY42 CONNECTION
TC DL	PSF	DATE	11/26/03
BC DL	PSF	DRWG	CNSY42PL103
BC LL	PSF	-ENG	MLH/KAR
TOT. LD.	PSF		
DUR. FAC.	1.00		

*****WARNING***** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 (1-03) BUILDING COMPONENT DESIGN SPECIFICATIONS FOR TRUSSES 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 BRACE THE TRUSS IN CONFORMANCE WITH TPI 1-2002 SEC. 3, A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF THE DESIGN BY ALPINE ENGINEERED PRODUCTS, INC. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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:1SW1215-Z0119105614

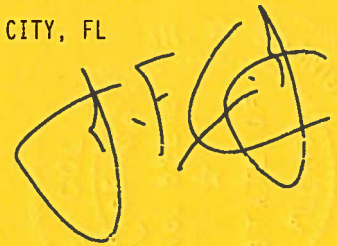
Truss Fabricator: W.B. Howland
Job Identification: 3010F-/Angel Gomez Residence /EDGELY CONSTRUCTION -- LAKE CITY, FL
Truss Count: 1
Model Code: Florida Building Code 2004
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Version 7.24.
Structural Engineer of Record: The identity of the structural EOR did not exist as of
Address: the seal date per section 61G15-31.003(5a) of the FAC
Minimum Design Loads: Roof - N/A
Floor - 55.0 PSF @ 1.00 Duration
Wind - No Wind

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: -

#	Ref	Description	Drawing#	Date
1	39363--	FLG3 (4-PLY)	06109001	04/19/06



Seal Date: 04/19/2006

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



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

4 COMPLETE TRUSSES REQUIRED

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

Top Chord: 1 Row @ 3.00" o.c.

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

Webs : 1 Row @ 4" o.c.

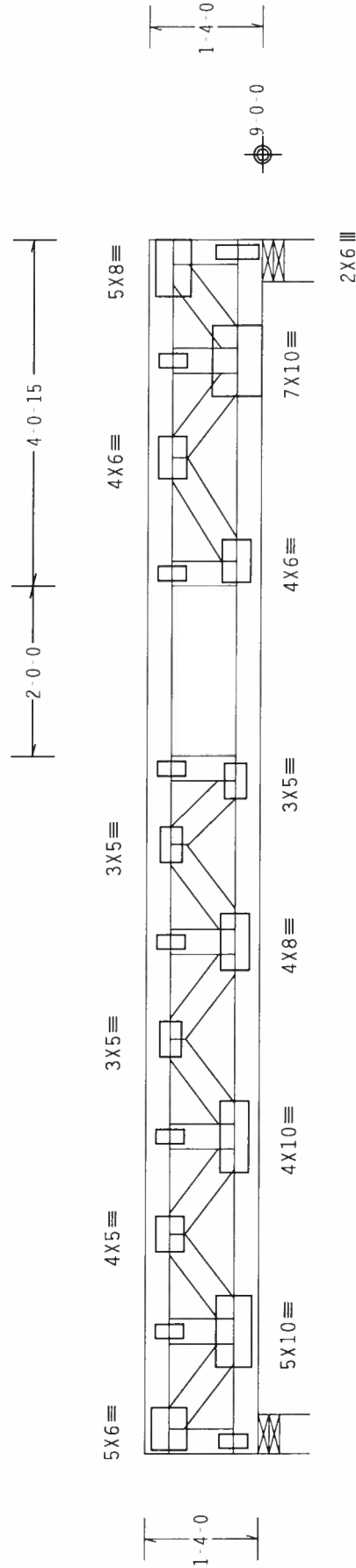
Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting.

In addition, apply Simpson's 1/4" x 6" SDS screws spaced 24" o.c. from loaded face of truss in top/bottom chord members.

Truss must be installed as shown with top chord up.

The TC of this truss shall be braced with attached spans at 24" OC in lieu of structural sheathing.

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



-14-2-11 Over 2 Supports

R-4089 W-5.5"

Note: All plates are 2X4 except as shown.

Design Crit: TPI-2002(STD)/FBC

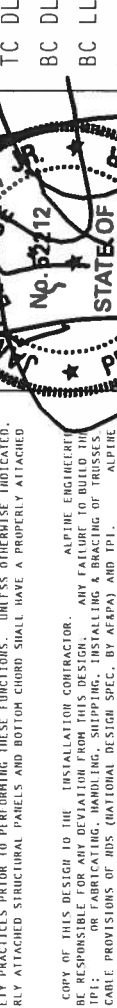
Design Calc: 

ALPINE

Alpine Engineered Products, Inc.
1050 Maple Drive
St. Louis, MO 63105

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLATION AND BRACING. REFER TO BC51 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 503 MADISON 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**** I HEREBY A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS TO THE DESIGN OR TO THE MANUFACTURING SPECIFICATIONS, OR TO THE DESIGN, INSTALLATION OR BRACING OF THIS DESIGN, CONFORMS WITH APPLICABLE PROVISIONS AND CODES DESIGNING AND CONSTRUCTION OF THE TRUSS. CORRELATOR PLATES ARE MADE OF 20/10/16GA (40-JULY/5/PS) ASTM A653 GRADE 40/60 (47 K/IN 51) GALV STEEL. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERX AS OF 10/11/2002 SEC 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS (COMPONENT).



REF	R215 -	39363	TC LL	40.0	PSF
DATE	04/19/06		TC DL	10.0	PSF
DRW	HGUSR215	06109001	BC DL	5.0	PSF
	HC - ENG	MNM/WHK	BC LL	0.0	PSF
	SEQN -	116448	TOT. LD.	55.0	PSF
	FROM	CDM	DUR. FAC.	1.00	

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:1SWJ215-Z0621114129

Truss Fabricator: W.B. Howland
Job Identification: 3010-/Angel Gomez Residence /EDGELY CONSTRUCTION -- LAKE CITY, FL
Truss Count: 2
Model Code: Florida Building Code 2004
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Version 7.24.
Structural Engineer of Record: The identity of the structural EOR did not exist as of
Address: the seal date per section 61G15-31.003(5a) of the FAC
Minimum Design Loads: Roof - 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: -

#	Ref	Description	Drawing#	Date
1	63039--D3		06111063	04/21/06
2	63040--D4		06111064	04/21/06



Seal Date: 04/21/2006

-Truss Design Engineer-
James F. Collins Jr.

Florida License Number: 52212
1950 Marley Drive
Haines City, FL 33844



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



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51-1033 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 0-ORDER DR., SUITE 200, MADISON, WI 53719) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE DR., 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 SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE FOLLOWING PROVISIONS OF THIS DESIGN SPECIFICALLY LISTED IN THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HUD NATIONAL DESIGN SPEC. IN ATTEMPTING TO APPLY CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/HUS/K) ASTM A653 GRADE 40/60 (W, K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 11002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLICIT FOR THE TRUSS COMPONENT

TC LL	20.0	PSF	REF	R215--	63039
TC DL	10.0	PSF	DATE	04/21/06	
BC DL	10.0	PSF	DRW	HCUSR215	06111063
BC LL	0.0	PSF	HC-ENG	EC/AP	*
TOT. LD.	40.0	PSF	SEQN-	116861	
DUR. FAC.	1.25		FROM	CDM	





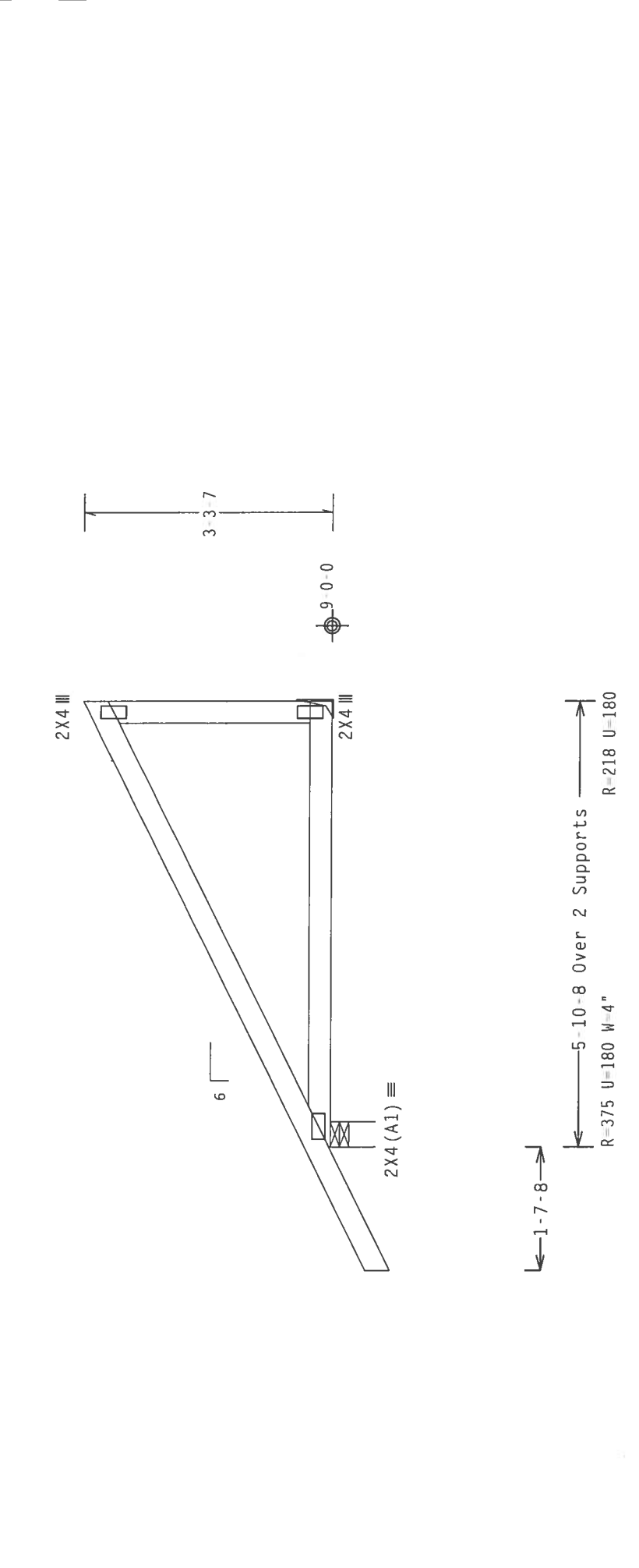
Alpine Engineered Products, Inc.
1050 Valley Drive
Madison, WI 53719

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

Right end vertical not exposed to wind pressure.
The overall height of this truss excluding overhang is 3-3-7.



PLT TYP. Wave\R

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1230.17

QTY: 6 FL/-/5/-/R/- Scale = .5"/Ft.

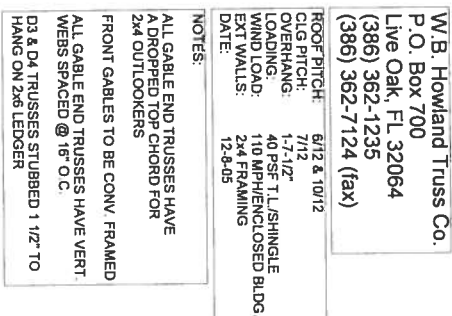
TC LL	20.0 PSF	REF R215 -- 63040
TC DL	10.0 PSF	DATE 04/21/06
BC DL	10.0 PSF	DRW HCUSR215 0611064
BC LL	0.0 PSF	HC-ENG EC/AP *
TOT.LD.	40.0 PSF	SEQN- 116856
DUR.FAC.	1.25	FROM CDM

ALPINE

Alpine Engineered Products, Inc.
1350 Hanley Drive

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WTA (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.

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PAGE NO:
1 OF 1

24226

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: ISWI215-Z0219114553

Truss Fabricator: W.B. Howland
Job Identification: 3010-/Angel Gomez Residence /EDGELY CONSTRUCTION -- LAKE CITY, FL
Truss Count: 25
Model Code: Florida Building Code 2004
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Version 7.24.
Structural Engineer of Record: The identity of the structural EOR did not exist as of
Address: the seal date per section 61G15-31.003(5a) of the FAC
Minimum Design Loads: Roof - 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-A11030EE-CNBRGBLK-



Seal Date: 04/19/2006

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

#	Ref	Description	Drawing#	Date
1	43609--A1GE		06109006	04/19/06
2	43610--A2		06109007	04/19/06
3	43611--B1GE		06109008	04/19/06
4	43612--B2		06109025	04/19/06
5	43613--B3		06109009	04/19/06
6	43614--B4		06109010	04/19/06
7	43615--B5		06109011	04/19/06
8	43616--B6		06109012	04/19/06
9	43617--B7		06109013	04/19/06
10	43618--B8		06109014	04/19/06
11	43619--B9		06109015	04/19/06
12	43620--B10		06109002	04/19/06
13	43621--B11		06109003	04/19/06
14	43622--B12GE		06109016	04/19/06
15	43623--C1GE		06109017	04/19/06
16	43624--C2		06109018	04/19/06
17	43625--D1GE		06109019	04/19/06
18	43626--D2		06109020	04/19/06
19	43627--D3		06109004	04/19/06
20	43628--D4		06109005	04/19/06
21	43629--F1GE		06109021	04/19/06
22	43630--F2		06109022	04/19/06
23	43631--F3G (2-PLY)		06109026	04/19/06
24	43632--F4G (2-PLY)		06109023	04/19/06
25	43633--WG-A1 (3-PLY)		06109024	04/19/06



Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Page 1 of 1 Document ID: ISWI215-Z0219114553

Truss Fabricator: W.B. Howland
Job Identification: 3010-/Angel Gomez Residence /EDGELEY CONSTRUCTION -- LAKE CITY, FL
Truss Count: 2
Model Code: Florida Building Code 2004
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Version 7.24.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-02 -Closed

Notes:

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

Seal Date: 04/19/2006

-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	43614--B4		06109010	04/19/06
2	43619--B9		06109015	04/19/06



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

110 mph wind, 19.48 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.

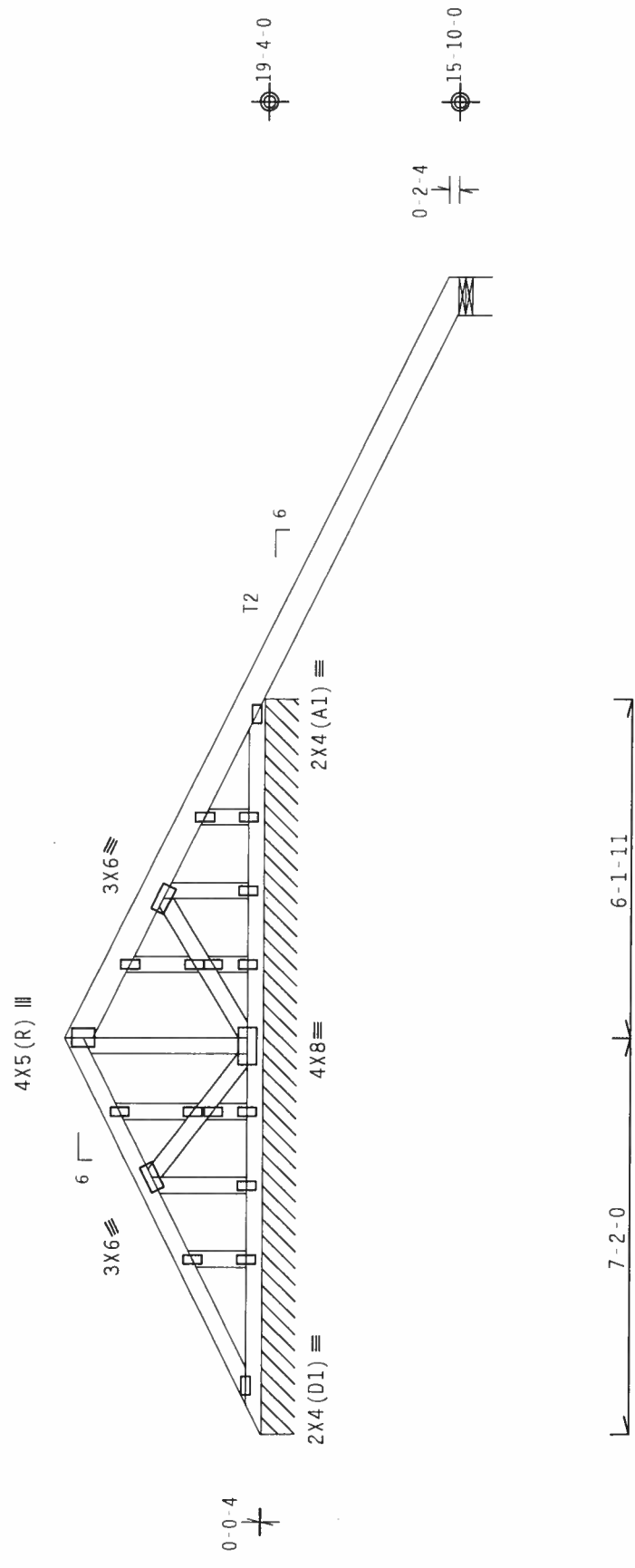
The overall height of this truss excluding overhang is 3-7-4.

Deflection meets L/360 live and L/240 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.

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

SEE DWGS A11030EC0405 FOR ADDITIONAL REQUIREMENTS.



R=110 PLF U=34 PLF W=13-3-11
R=255 U=228 W=8.375"

Note: All Plates Are 2X4 Except As Shown.

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

PLT TYP. Wave\R

7.24.1230

QTY: 1

FL/-/5/-/R/-

Scale = .3125"/Ft.

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

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN ACCORDANCE WITH THE DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY FAILURE TO BUILD THE TRUSS IN ACCORDANCE WITH THE DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY FAILURE TO BUILD THE TRUSS IN ACCORDANCE WITH THE DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR.

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

REF R215 -- 43609
DATE 04/19/06
DRW HCUSR215 06109006
HC-ENG EC/WHK
SEON- 116622
FROM CDM



Top chord 2x4 SP #2 N :T2 2x10 SP SS:
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
:Rt Wedge 2x4 SP #2 N:

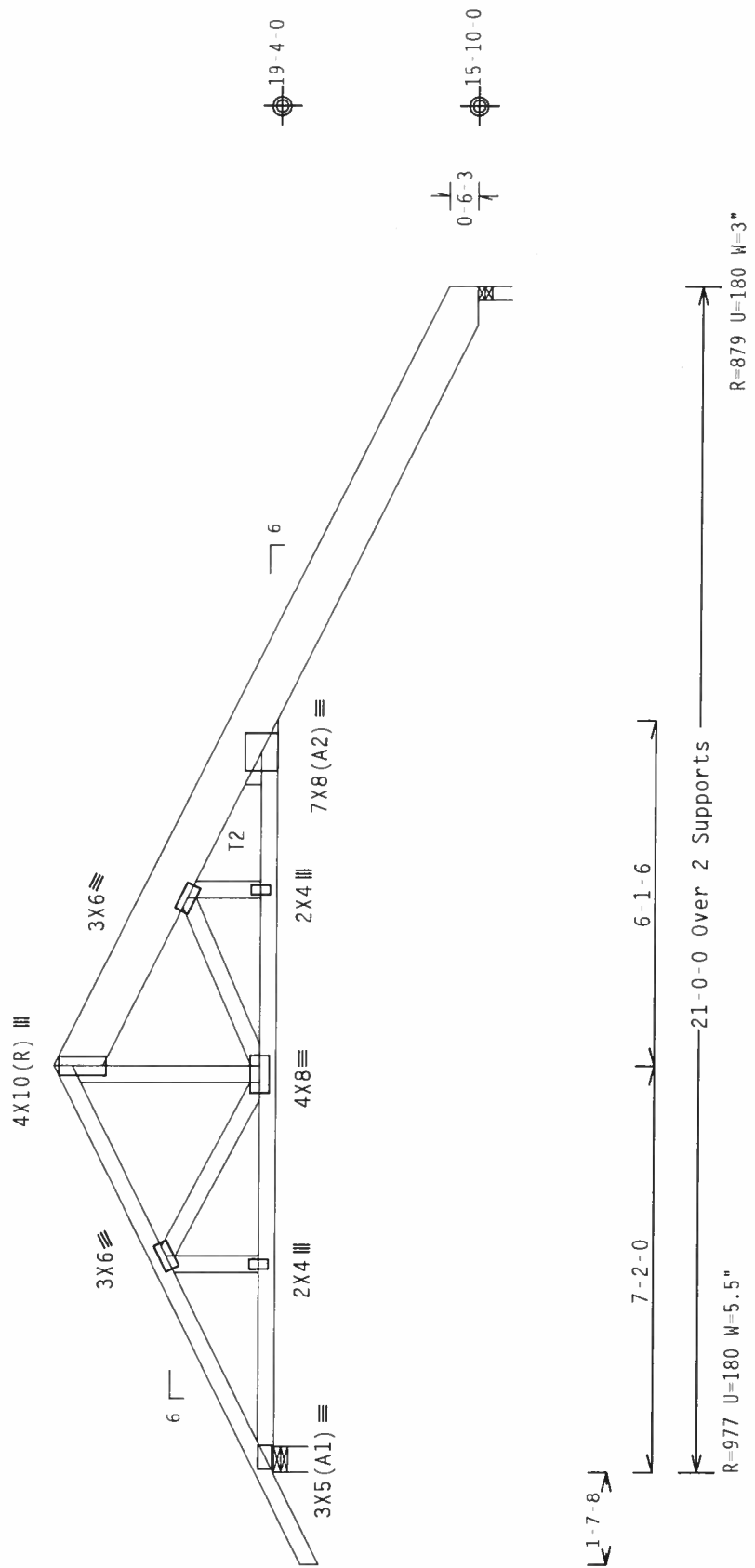
110 mph wind, 19.81 ft mean hgt, ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT 11, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Calculated horizontal deflection is 0.27" due to live load and 0.28" due to dead load.

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

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

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



PLT TYP. Wave\R

Design Crit: TPI-2002(STD)/FBC

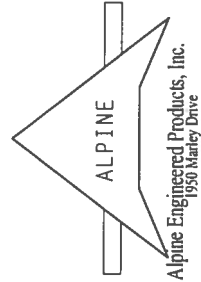
Cq/RT=1.00(1.25)/10(0)

Scale = 3125"/Ft.

PLT TYP. Wave\R		QTY:1	FL/-/5/-/-/R/-	TC LL	20.0 PSF	REF R215-- 43610
				TC DL	10.0 PSF	DATE 04/19/06
				BC DL	10.0 PSF	DRW HCUSR215 06109007
				BC LL	0.0 PSF	HC-ENG EC/WHK
				TOT.LD.	40.0 PSF	SEQN- 116525
				DUR.FAC.	1.25	FROM CDM

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RCES 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719), AND WEA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, THE 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 BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI AND WEA NATIONAL DESIGN SPECIFICATIONS SHALL BE THE RESPONSIBILITY OF THE INSTALLER. CONNECTOR PLATES ARE MADE OF 2018/10GA (4-H/5/8) ASH A563 GRADE 40/60 (4. K/IN) 60% STEEL. THE PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 10GA. 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER A3 OF IPTI 2002 SEC. 3. A SEAL OR THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE CREATING AND USE OF THIS COMPONENT FOR THE PURPOSES OF THE DESIGN SHALL BE THE RESPONSIBILITY OF THE USER.



Top chord 2x4 SP #2 N :T2 2x10 SP #2 N :T3 2x10 SP SS:
Bot chord 2x4 SP #2 N :B2 2x4 SP SS:
Webs 2x4 SP #2 N

110 mph wind, 21.36 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Calculated horizontal deflection is 0.26" due to live load and 0.27" due to dead load.

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

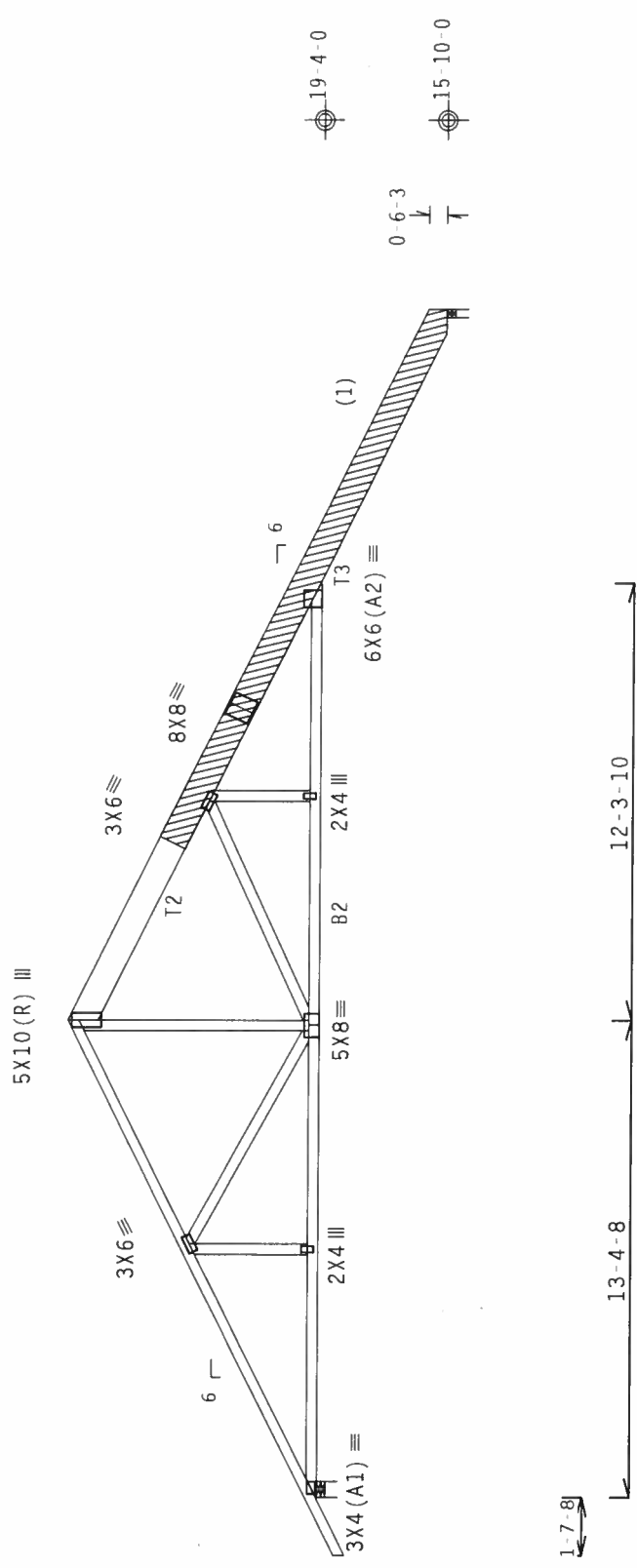
The overall height of this truss excluding overhang is 7'-0".

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (10d Box or Gun (0.128"x3", min.) nails)
Top Chord: 1 Row @ 8.00" O.C.
Bot Chord: 1 Row @ 12.00" O.C.
Webs : 1 Row @ 4" O.C.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

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

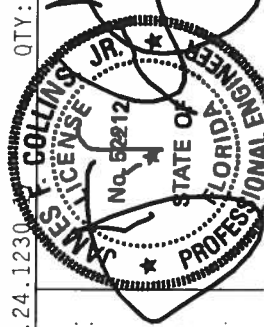
(1) 2X10x16-10-9 SP SS scab at right end. Attach scab to face of chord with: 10d Box or Gun (0.128"x3", min.) nails @ 8" OC, plus additional nail clusters at : BRG.: (3), heel: (7), 1st panel point: (5).



13-4-8 12-3-10
33-5-0 Over 2 Supports
R=1485 U=245 W=5.5"
R=1393 U=219 W=3"

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

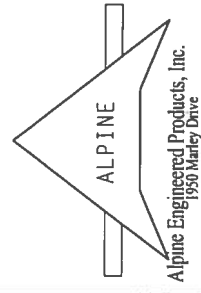
PLT TYP. Wave\R



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC01 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 O'DONOHUE DR., SUITE 200, MADISON, WI 53719) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE 2010/18/19 IBC (ASME 40/66) AND THE ALPINE CONNECTOR PLATES ARE MADE OF 2010/18/19 IBC (ASME 40/66) AND THE ALPINE CONNECTOR PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS TEGA 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ASME A3 OF TPI 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN.

QTY: 1	FL / - / 5 / - / - / R / -	Scale = .1875" / Ft.
TC LL	20.0 PSF	REF R215 - 43612
TC DL	10.0 PSF	DATE 04/19/06
BC DL	10.0 PSF	DRW HCUSR215 06109025
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT. LD.	40.0 PSF	SEON- 116517
DUR. FAC.	1.25	FROM CDM



Top chord 2x4 SP #2 N :T2 2x10 SP #2 N :T3 2x10 SP SS:
Bot chord 2x4 SP #2 N :B2 2x4 SP SS:
Webs 2x4 SP #2 N

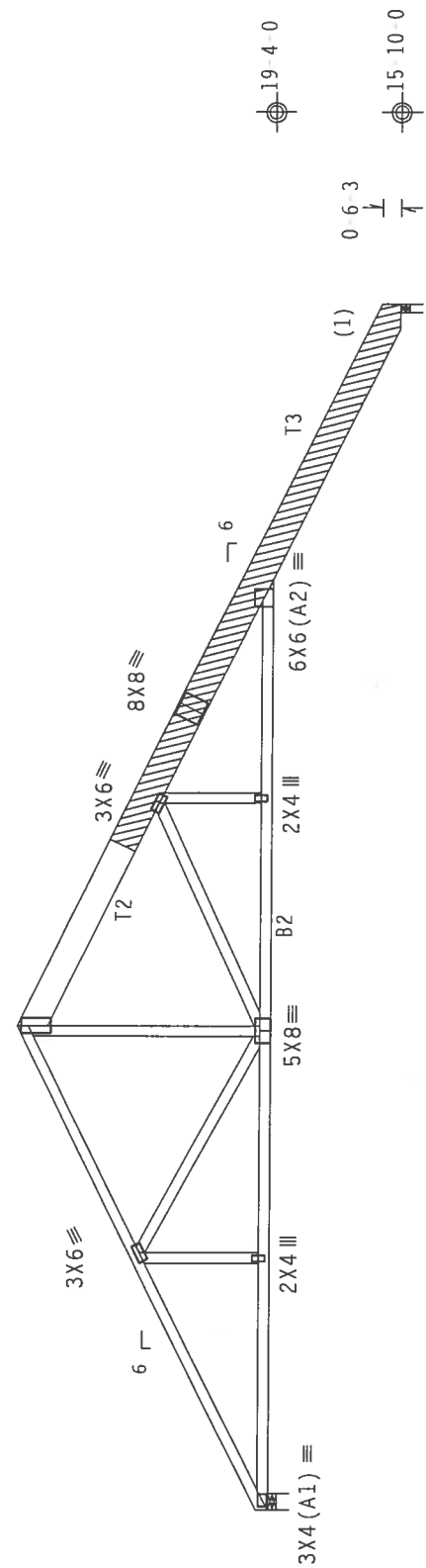
110 mph wind, 21.36 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Calculated horizontal deflection is 0.26" due to live load and 0.27" due to dead load.

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

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

5X10(R) III



2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (10d Box or Gun (0.128"x3", min.) nails)
Top Chord: 1 Row @ 8.00" o.c.
Bot Chord: 1 Row @ 12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

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

(1) 2X10x16 10-9 SP SS scab at right end. Attach scab to face of chord with: 10d Box or Gun (0.128"x3", min.) nails @ 8" OC, plus additional nail clusters at : BRG.: (3), heel: (7), 1st panel point: (5).

PLT TYP. Wave\R

Design Crit: TPI-2002(STD)/FBC

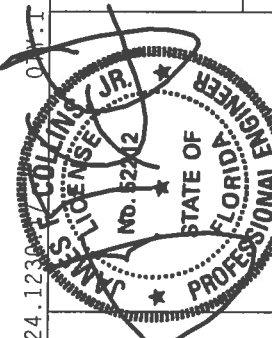
Cq/RT=1.00(1.25)/10(0)

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

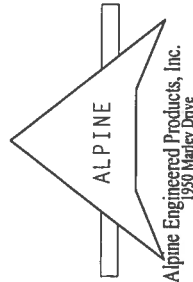
Scale = .1875"/Ft.

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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE 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 IBC (NATIONAL DESIGN SPEC. BY AIA) AND TPI. APPLY PLATES TO EACH CHORD END. THE TRUSS SHALL BE TOUGHENED IN THIS DESIGN. SECTION 2. ANY INSPECTION OF PLATES FOLLOWED BY (3) SHALL BE PERFORMED BY A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT.



TC LL	20.0 PSF	REF	R215	43613
TC DL	10.0 PSF	DATE	04/19/06	
BC DL	10.0 PSF	DRW	HCUSR215	06109009
BC LL	0.0 PSF	HC-ENG	EC/WHK	
TOT.LD.	40.0 PSF	SEON	116522	
DUR.FAC.	1.25	FROM	CDM	



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

110 mph wind, 24.03 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf

Max JT VERT DEFL: LL: 0.30" DL: 0.32" recommended camber 1/2"

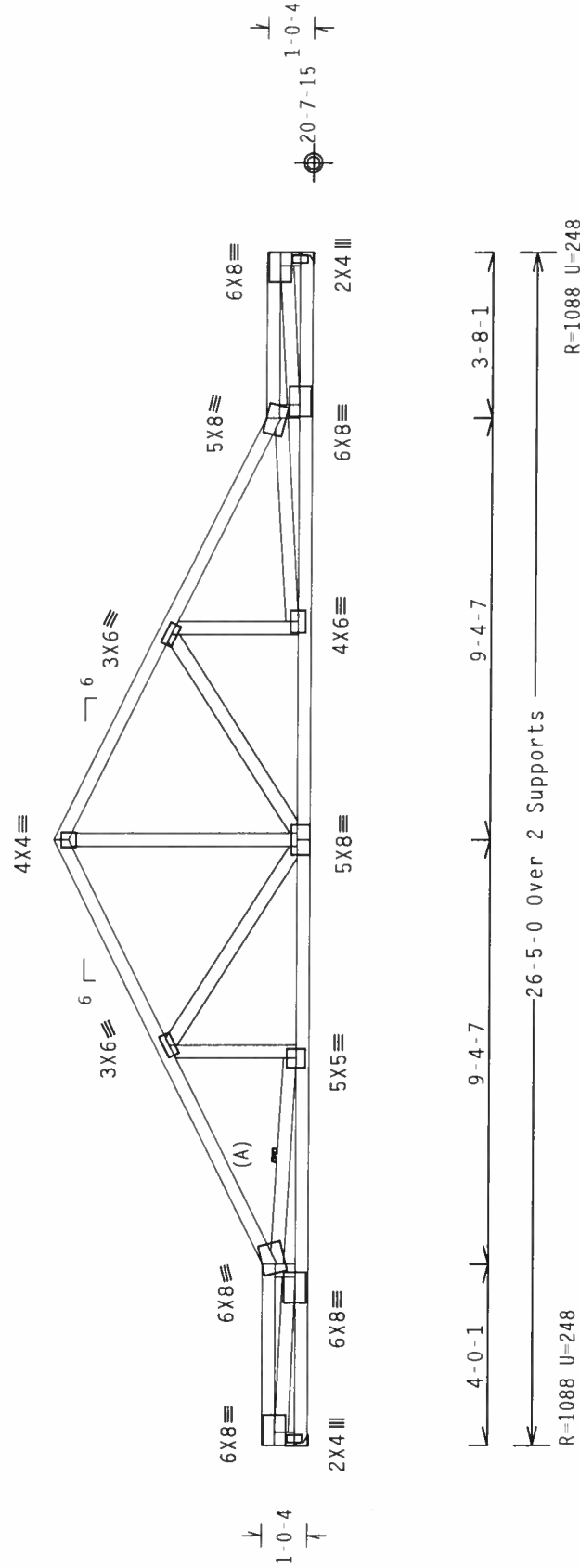
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

(A) Continuous lateral bracing equally spaced on member.

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

Provide for complete drainage of roof.

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



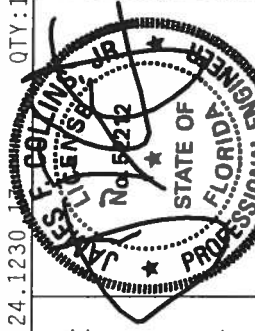
PLT TYP. Wave/R

Design Crit: TPI-2002(STD)/FBC

 $Cq/RT=1.00(1.25)/10(0)$ 7.24.1230.17

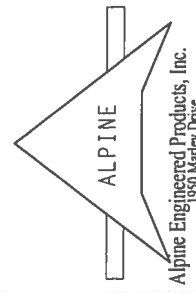
QTY:1 FL/-/5/-/-/R/-/ - Scale = .25"/Ft.

TC LL	20.0	PSF	REF	R215--	43614
TC DL	10.0	PSF	DATE	04/19/06	
BC DL	10.0	PSF	DRW	HCUSR215	06109010
BC LL	0.0	PSF	HC-ENG	EC/WHK	
TOT.LD.	40.0	PSF	SEQN-	116590	REV
DUR.FAC.	1.25		FROM	CDM	



****IMPORTANT****TURKISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.
THE SEAL SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE
DESIGN IN ACCORDANCE WITH THESE PROVISIONS WILL BE AT YOUR RISK AND WITHOUT LIABILITY ON THE PART OF THE ENGINEERED TRUSS COMPANY INC.
PRODUCTS THAT DO NOT COMPLY WITH ALL APPLICABLE CODES, REGULATIONS OR STANDARDS. THE SEALING PROCESS IS SUBJECT TO INSPECTION BY AUTHORITY OFFICIALS.
THIS SEALING PROCESS IS SUBJECT TO INSPECTION BY AUTHORITY OFFICIALS.

CONNECTION PLATES ARE MADE OF 20X18/16GA U.S./ENCS ASTM A563 GRADE 40/60 W/. K/L/S GALV STEEL
PLATES TO EACH FACE OF TRUSSES AND UNLESS OTHERWISE LOCATED ON PER DRANCHES 100A Z
ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A3 OF IP11 2902 SEC. 3.
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT



110 mph wind, 24.86 ft mean hgt., ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

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

Provide for complete drainage of roof.

The overall height of this truss excluding overhang is 4-6-8.

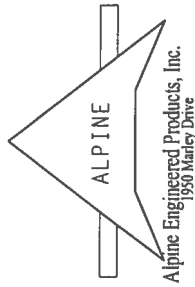


QTY:1 FL/-/5/-/-/R/- Scale =.25"/Ft.

TC LL	20.0	PSF	REF	R215--	43615
TC DL	10.0	PSF	DATE	04/19/06	
BC DL	10.0	PSF	DRW	HCUSR215	06109011
BC LL	0.0	PSF	HC-ENG	EC/WHK	
TOT.LD.	40.0	PSF	SEQN-	116584	
DUR.FAC.	1.25		FROM	CDM	

WARNING TRUSSES REQUIRE EXERCISE CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLATION AND BRACING. REFER TO BEST 1 03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IPI (STUSS-PLATE INSTITUTE, 583 2-08010 RD., SUITE 200, MADISON, WI 53719), AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO APPLYING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED TIGID CEILING.

**** IMPORTANT **** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERING TRUSS COMPANY, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO FOLLOW THE DESIGN CONFORMANCE WITH THE OR FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES IN CONFORMANCE WITH APPLICABLE PROVISIONS OF AISC (HORIZONTAL DESIGN SPEC. BY AFAPA) AND IPE CONNECTOR PLATES ARE MADE OF 2018/196GA (M/15/CS) ASTM A663 GRADE 40/60 (M. K/H/S) GALV. STEEL. 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 TP11 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT



Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 Dense :B2 2x4 SP #2 N:
Webs 2x4 SP #2 N

Max JT VERT DEFL: LL: 0.32" DL: 0.34" recommended camber 5/8"

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

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

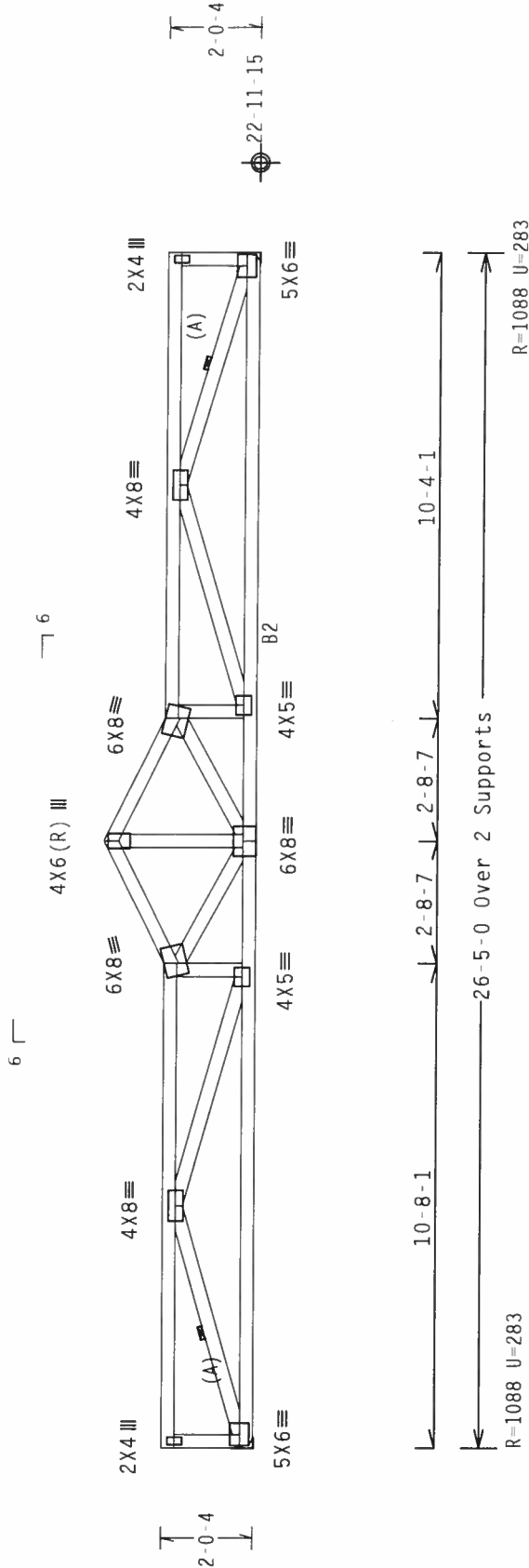
110 mph wind, 25.69 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

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

Provide for complete drainage of roof.

The overall height of this truss excluding overhang is 3-4-8.



Design Crit: TPI-2002 (STD) /FBC

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

7.24.1230

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

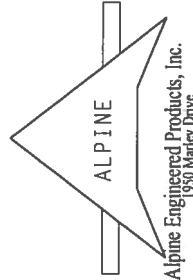
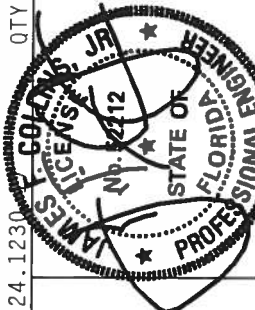
Scale = .25"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC61 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 593 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES. CONSTRUCTION WITH APPLICABLE PROVISIONS OF MDS (NATIONAL DESIGN SPEC. BY ACPA) AND TPI. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE INDICATED, THE POSITION PER DRAWINGS 100A 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER A3 OF TPI 2002 SPEC. FOR TRUSSES. THIS DRAWING INDICATES ACCEPTABLE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT.

PLT TYP. Wave\R

TC LL	20.0 PSF	REF	R215--	43616
TC DL	10.0 PSF	DATE	04/19/06	
BC DL	10.0 PSF	DRW	HCUSR215	06109012
BC LL	0.0 PSF	HC-ENG	EC/WHK	
TOT.LD.	40.0 PSF	SEON-	116578	
DUR.FAC.	1.25	FROM	CDM	



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

Max JT VERT DEFL: LL: 0.33" DL: 0.35" recommended camber 5/8"

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

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

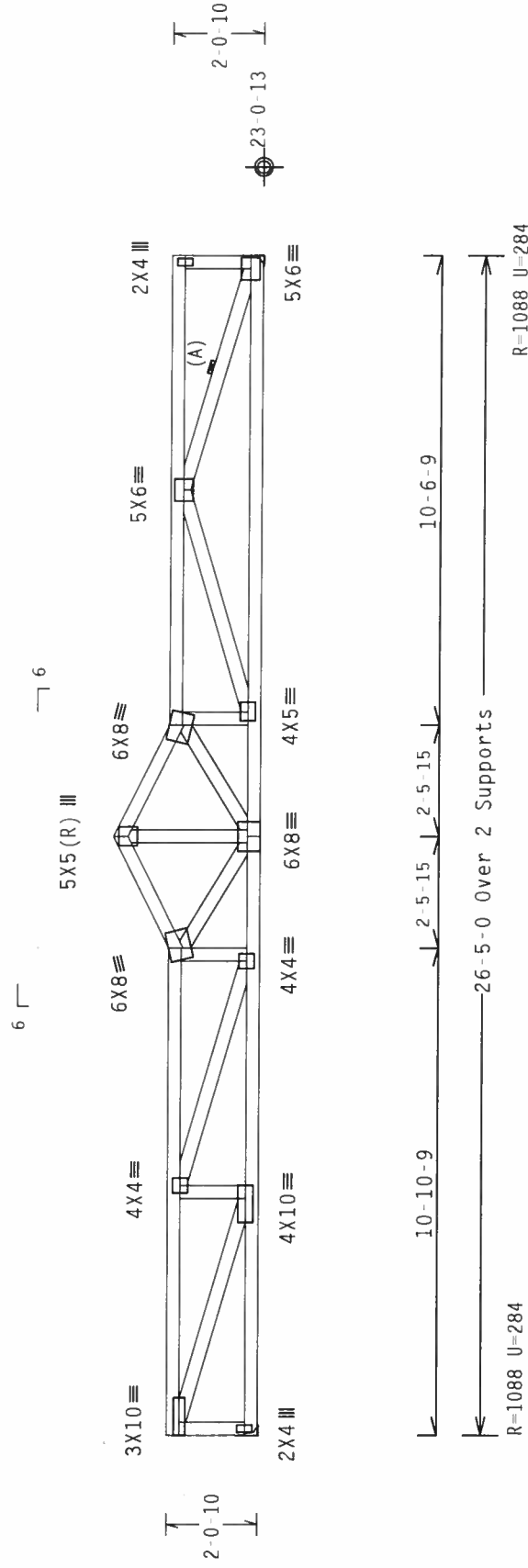
110 mph wind, 25.74 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf

(A) Continuous lateral bracing equally spaced on member.

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

Provide for complete drainage of roof.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave/R

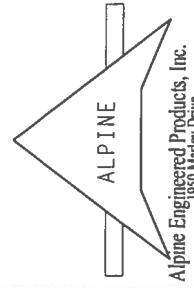
$$Cq/RT=1.00(1.25)/10(0) \quad 7.24.1230$$

QTY:1 FL/-/5/-/-/R/-/- Scale =.25"/Ft.

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLATION AND BRACING. REFER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSSING PLATE INSTITUTE), 483 O'ROURD DR., SUITE 200, MADISON, WI 53719, AND WCA (WOOD TRUSS COUNCIL OF AMERICA), 6300 WILMERSBURG, W. 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****TURKISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR
PROCESSES, INC. SHALL NOT BE RESPONSIBLE FOR ANY DETAILING FROM THIS DESIGN. ANY FAILURE TO BUILD THE
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF CODES AND STANDARDS SHALL BE THE RESPONSIBILITY OF THE ALPHE ENGINEERED
CONNECTION PLATES ARE MADE OF 201R176GA /A 3/8X5/8 ASHIN A653 GRADE 40/60 K/LIN/A5 STEEL
PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANEX A3 OF IPII 2002 SEC. 2. A SEAL ON THIS
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT

TC LL	20.0	PSF	REF	R215--	43617
TC DL	10.0	PSF	DATE	04/19/06	
BC DL	10.0	PSF	DRW	HCUSR215	06109013
BC LL	0.0	PSF	HC-ENG	EC/WHK	
TOT.LD.	40.0	PSF	SEQN-	116571	
DUR.FAC.	125		FROM	CDM	



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

Max JT VERT DEFL: LL: 0.34" DL: 0.36" recommended camber 5/8"

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

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

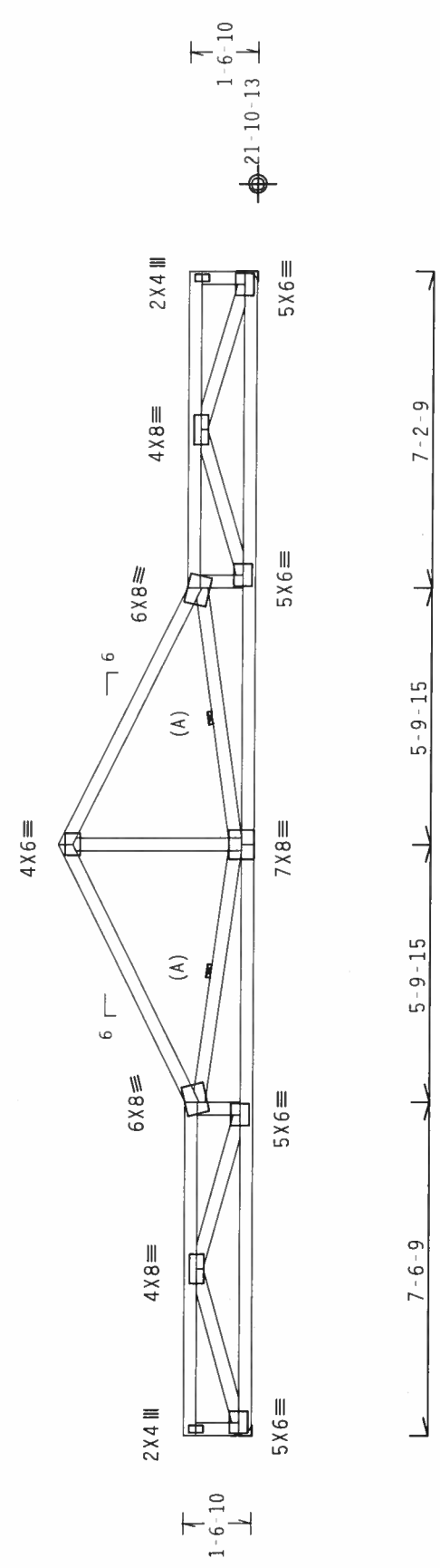
110 mph wind, 24.91 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

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

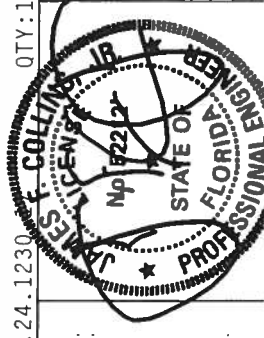
Provide for complete drainage of roof.

The overall height of this truss excluding overhang is 4-5-10.



PLT TYP. Wave\R

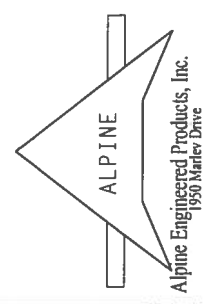
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1230



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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS TO CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN OR CONSTRUCTION WITH ANY DEVIATION FROM THE DESIGN OR CONSTRUCTION SPEC. BY ALPINE AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 1015 TENSILE GRADE 40760 (IN. 6/16-5) GALV. STEEL. APPLY ALPINE PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED, ALL TRUSS MEMBERS SHALL BE LOCATED TO THE INSIDE OF THE TRUSS. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC. 3.3. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT.

QTY: 1	FL/-/5/-/1-/R/-	Scale = .25"/Ft.
TC LL	20.0 PSF	REF R215-- 43618
TC DL	10.0 PSF	DATE 04/19/06
BC DL	10.0 PSF	DRW HCUSR215 06109014
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	40.0 PSF	SEON- 116549
DUR.FAC.	1.25	FROM CDM



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

Max JT VERT DEFL: LL: 0.31" DL: 0.33" recommended camber 5/8"

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

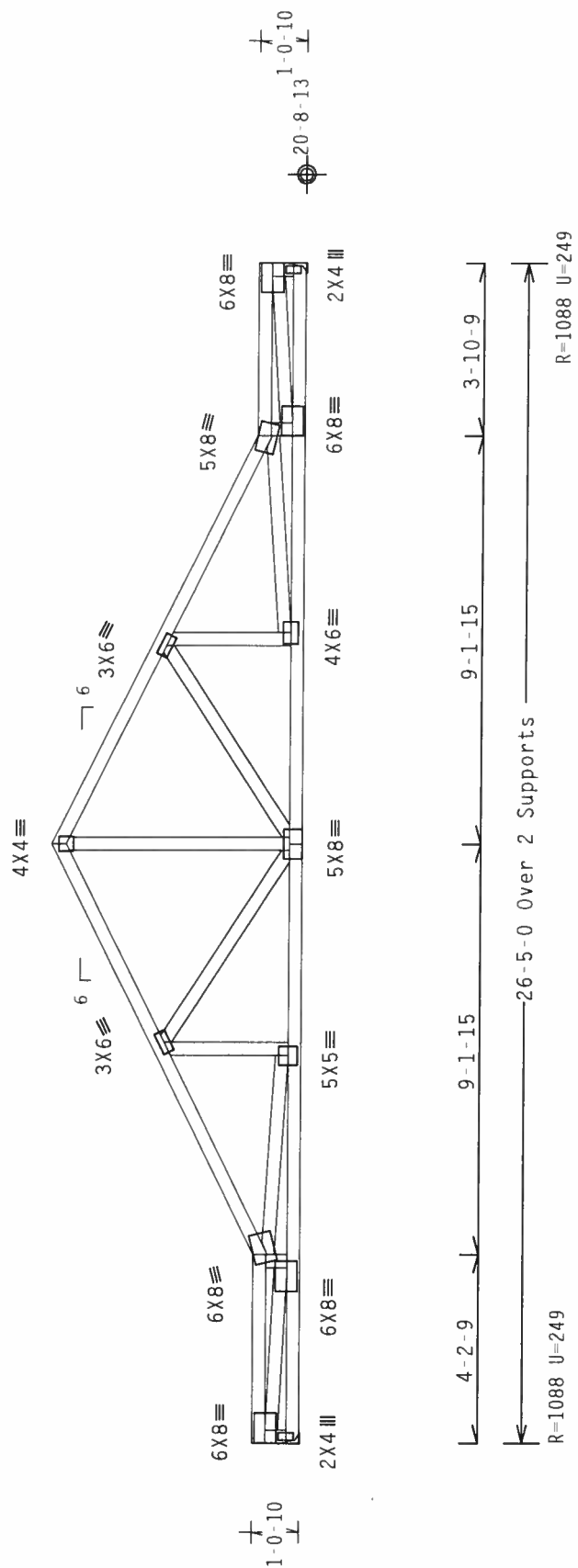
Provide for complete drainage of roof.

The overall height of this truss excluding overhang is 5-7-10.

110 mph wind, 24.08 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.

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

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. WaveIR

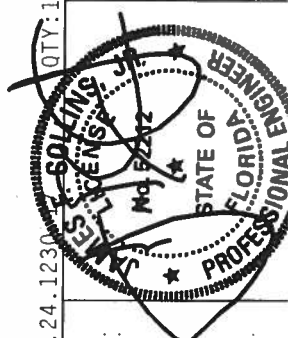
Cq/RT=1.00(1.25)/10(0) 7.24.1230

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

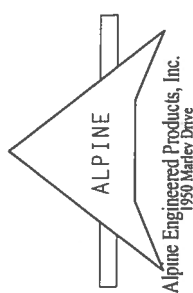
Scale = .25"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFIO DR., SUITE 200, MADISON, WI 53719) AND NCA (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**** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, OR NON-CONFORMANCE WITH APPLICABLE PROVISIONS OF IBCS (NATHAN DESIGN SPEC, BY ATRAP) AND TPI. APPLY PLATES TO EACH FACE OF TRUSS AND WEBS. THIS DESIGN IS FOR INFORMATION ONLY. SEAL THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT.



TC LL	20.0 PSF	REF	R215 --	43619
TC DL	10.0 PSF	DATE	04/19/06	
BC DL	10.0 PSF	DRW	HCUSR215	06109015
BC LL	0.0 PSF	HC-ENG	EC/WHK	
TOT.LD.	40.0 PSF	SEQN-	116553	REV
DUR.FAC.	1.25	FROM	CDM	



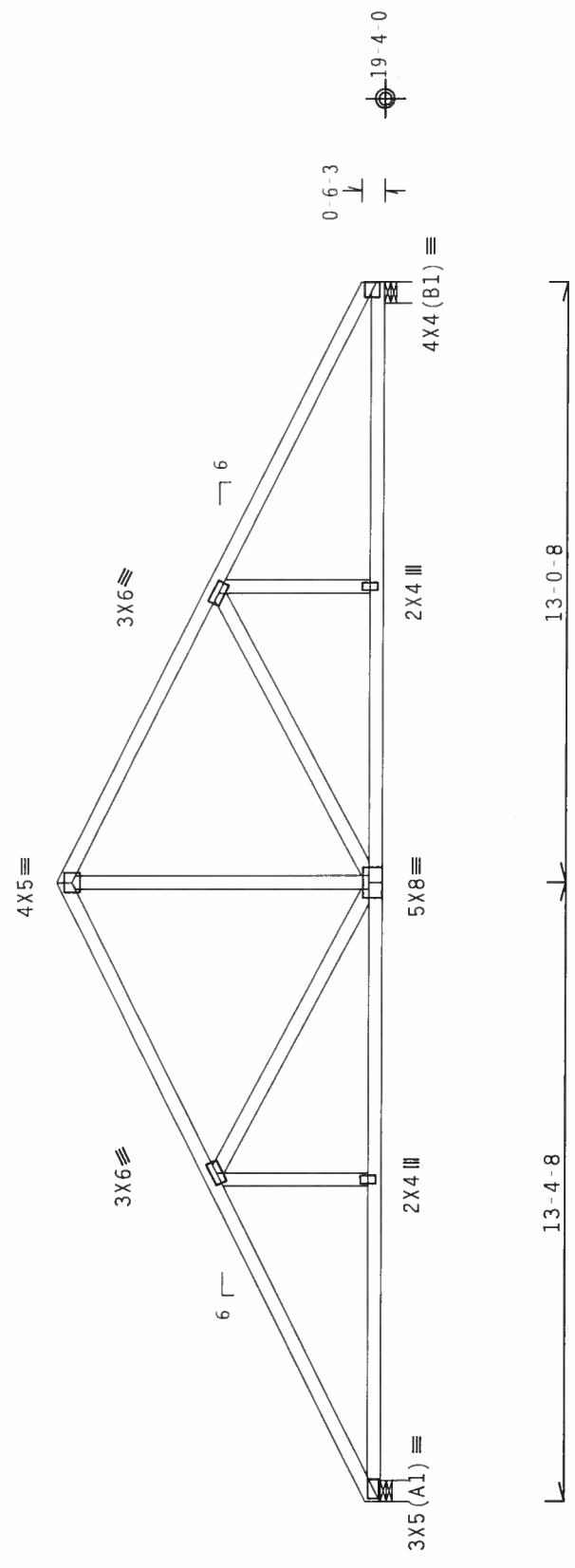
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

110 mph wind, 23.02 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind IC DL=5.0 psf, wind BC DL=5.0 psf.

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 7-0-7.



26-5-0 Over 2 Supports

R=1090 U=226 W=5.5"

R=1086 U=226 W=5.5"

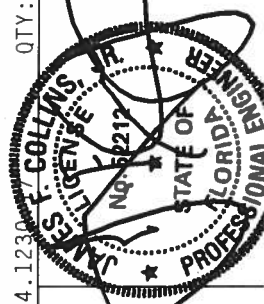
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1230

PLT TYP. Wave\R

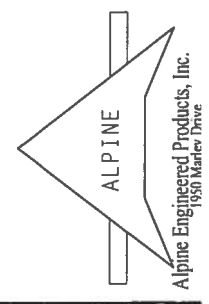
QTY: 1 FL/-/5/-/-/R/- Scale = .25"/Ft.

****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, 583 O'DONOHIO DR., SUITE 200, MADISON, WI 53719) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE DR., 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 AND BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THIS NATIONAL DESIGN SPEC. BY AFAPA AND TPI. ALPINE ENGINEERING PRODUCTS, INC. SHALL BE RESPONSIBLE FOR THE DESIGN OF THIS TRUSS. APPLY PLATES TO EACH FACE OF TRUSS. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC 3. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT



TC LL	20.0 PSF	REF	R215 -- 43620
TC DL	10.0 PSF	DATE	04/19/06
BC DL	10.0 PSF	DRW	HCUSR215 06109002
BC LL	0.0 PSF	HC-ENG	EC/WHK *
TOT.LD.	40.0 PSF	SEQN-	116557
DUR.FAC.	1.25	FROM	CDM



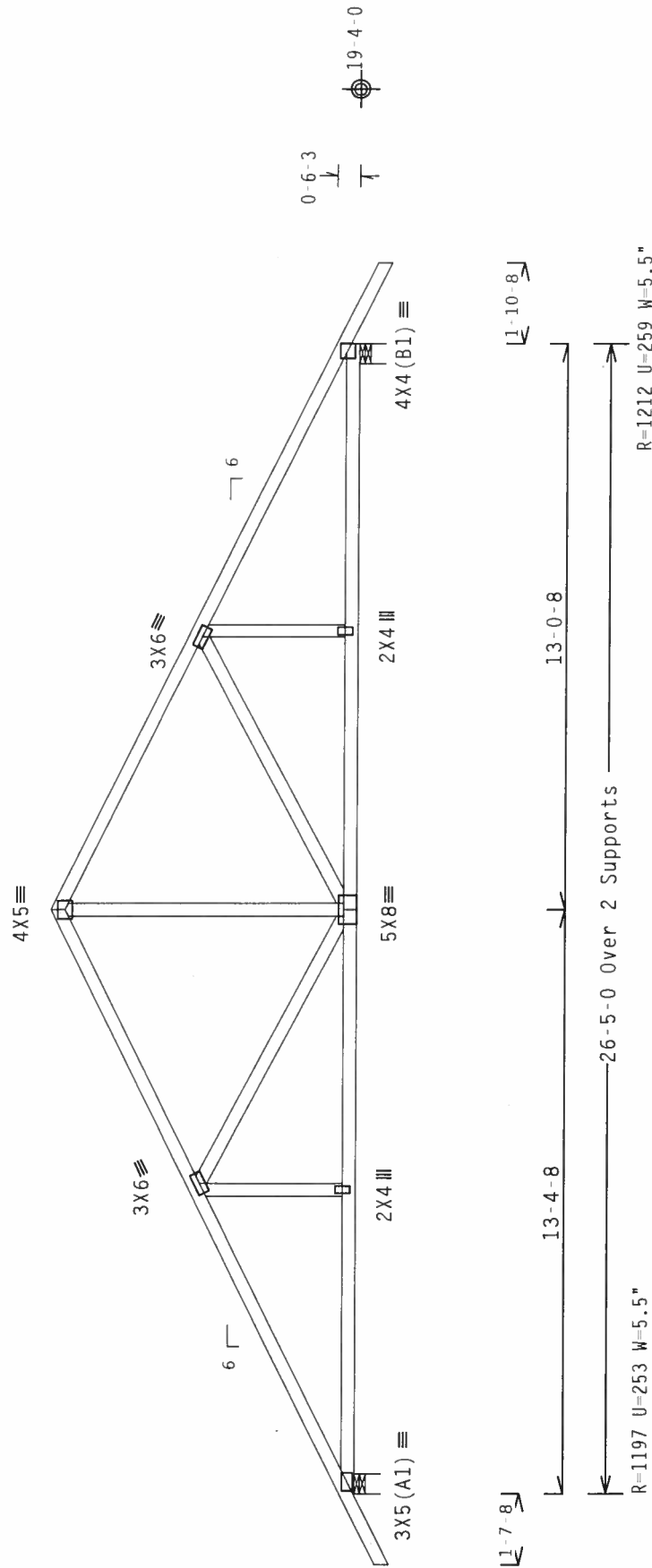
	Top	chord	2x4	SP	#2	N
	Bot	chord	2x4	SP	#2	N
		webs	2x4	SP	#2	N

110 mph wind, 22.62 ft mean hgt. ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

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

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



PLT TYP. Wave\R

Design Crit: TPI-2002(STD)/FBC

$$Cq/RT=1.00(1.25)/10(0) \quad 7.24.1230.175$$

Scale = .25"/Ft.

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

WARNING: FRUSTRATE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BECS 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (STEEL PLATE INSTITUTE), 593 D'AMORIO DR., SUITE 200, MADISON, WI 53719, AND NCA (NATIONAL TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE ACTIONS. UNLESS OTHERWISE NOTED, 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
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF FABRICATING, HANDLING, SHIPPING, INSTALLING OR BRACING OF TRUSSES
CONNECTION PLATES ARE MADE OF 20#H18GA (H-1/2X2/8) ASTM A963 GRADE 40/60 (F 415 / F 470) STEEL
PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z
IF ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A-3 OF 1911 2002 N.E.C-3
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT
ALPHI ENGINEERING



TC LL	20.0	PSF	REF	R215--	43621
TC DL	10.0	PSF	DATE	04/19/06	
BC DL	10.0	PSF	DRW	HCUSR215	06109003
BC LL	0.0	PSF	HC-ENG	EC/WHK	*
TOT.LD.	40.0	PSF	SEQN-	116561	
DUR.FAC.	1.25		FROM	CDM	



Alpine Engineered Products, Inc.
1950 Marley Drive

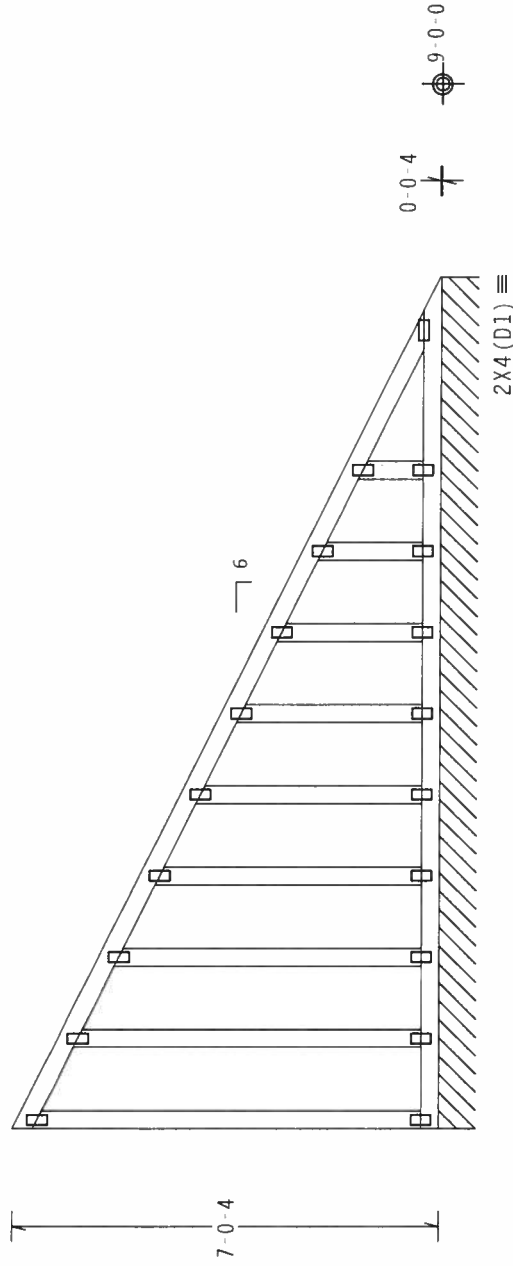
(3010- /Angel Gomez Res
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
webs 2x4 SP #2 N

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

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

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.

SEE DWGS A11015EC0405 FOR ADDITIONAL REQUIREMENTS.



14-0-0 Over Continuous Support

R=82 PLF U=29 PLF W=14-0-0

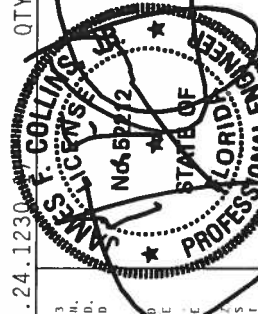
Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave/R

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

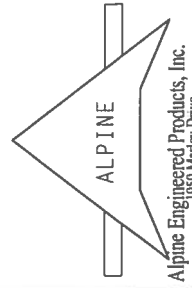
TC LL	20.0	PSF	REF	R215--	43623
TC DL	10.0	PSF	DATE	04/19/06	
BC DL	10.0	PSF	DRW	HCUSR215	06109017
BC LL	0.0	PSF	HC-ENG	EC/WHK	
TOT.LD.	40.0	PSF	SEQN-	116455	
DUR.FAC.	125		FROM	CDM	



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESI 103 BUILDING COMPONENT SAFETY INFORMATION, BESI TRUSS SYSTEMS, INC., 583 W. OGDEN RD., SUITE 200, MADISON, WI 53719, FOR MORE INFORMATION.

D-ODF06R10 DR., SUITE 200, MADISON, WI 53719, AND WEA WOOD TRUSS COUNCIL OF AMERICA, 6000 THUNDERBOLT BLVD., SUITE 100, MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED LIGID CEILING.

****IMPORTANT****TURKISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.
DESIGNER SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO FOLLOW THE
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF INDONESIAN NATIONAL DESIGN SPECIFICATIONS.
CONNECTION PLATES ARE MADE OF 201R/16GA OR 4H/5/8CS ASTM A563 GRAD 40 /60 (F 415) GALV STEEL
PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN,
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMPSX 43 OF IPI 2002 SEC. 3.
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR TRUSS COMPONENT



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

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

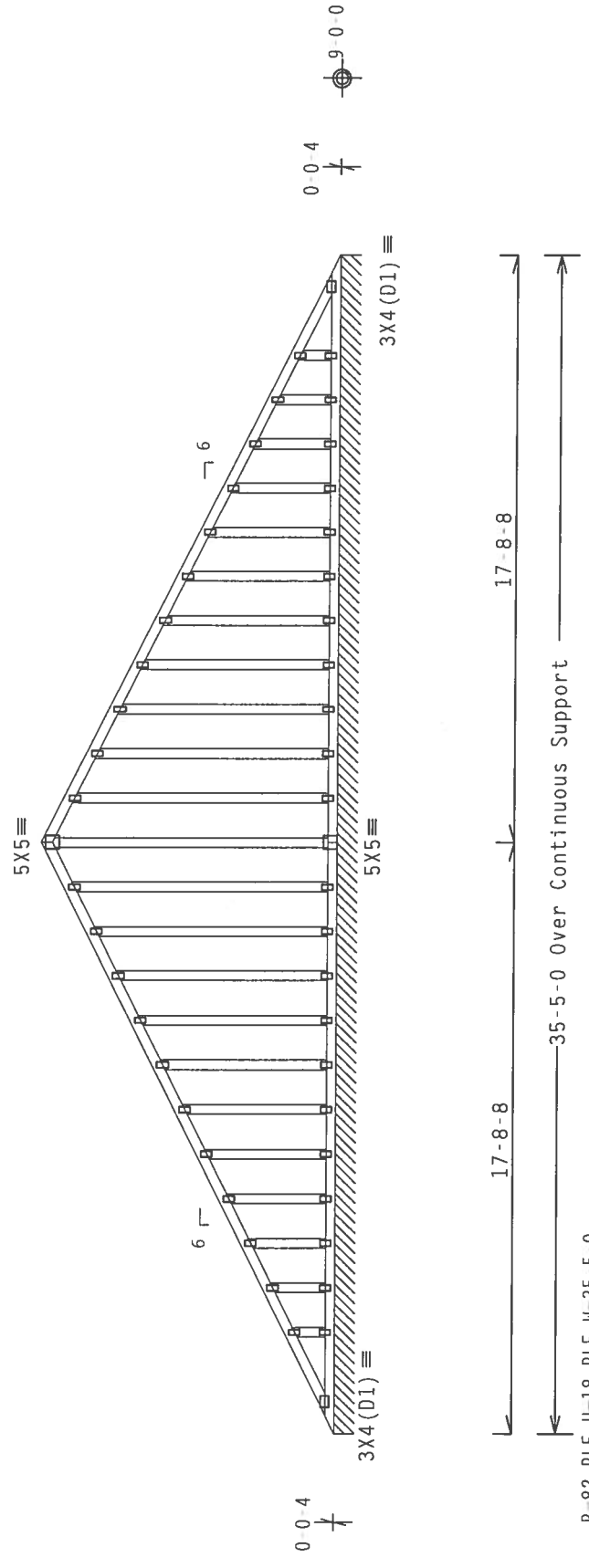
The overall height of this truss excluding overhang is 8-10-8.

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

See DWGS A11015EE0405 & GBLLETIN0405 for more requirements.

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

THE 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.



Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

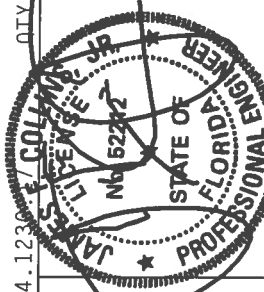
Cq/RT=1.00(1.25)/(10.0)

Scale = .1875"/Ft.

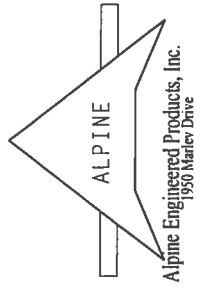
PLT TYP. Wave\

****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, 883 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719), AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE 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, DESIGNERS WITH APPLICABLE PROVISIONS OF THIS NATIONAL DESIGN SPEC. BY AIA/PAJ AND TPI. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR THE DESIGN OF THIS TRUSS. APPLY PLATES TO EACH FACE OF TRUSS AND CEILING. DESIGNER'S RESPONSIBILITY FOR THIS TRUSS. THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT.



TC LL	20.0 PSF	FL/-/5/-/-/R/-	QTY=1	7.24.1230
TC DL	10.0 PSF			
BC DL	10.0 PSF			
BC LL	0.0 PSF			
TOT.LD.	40.0 PSF			
DUR.FAC.	1.25			
REF	R215 -			
DATE	04/19/06			
DRW	HCUSR215 06109019			
HC-ENG	EC/WHK			
SEON	116463			
FROM	CDM			



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

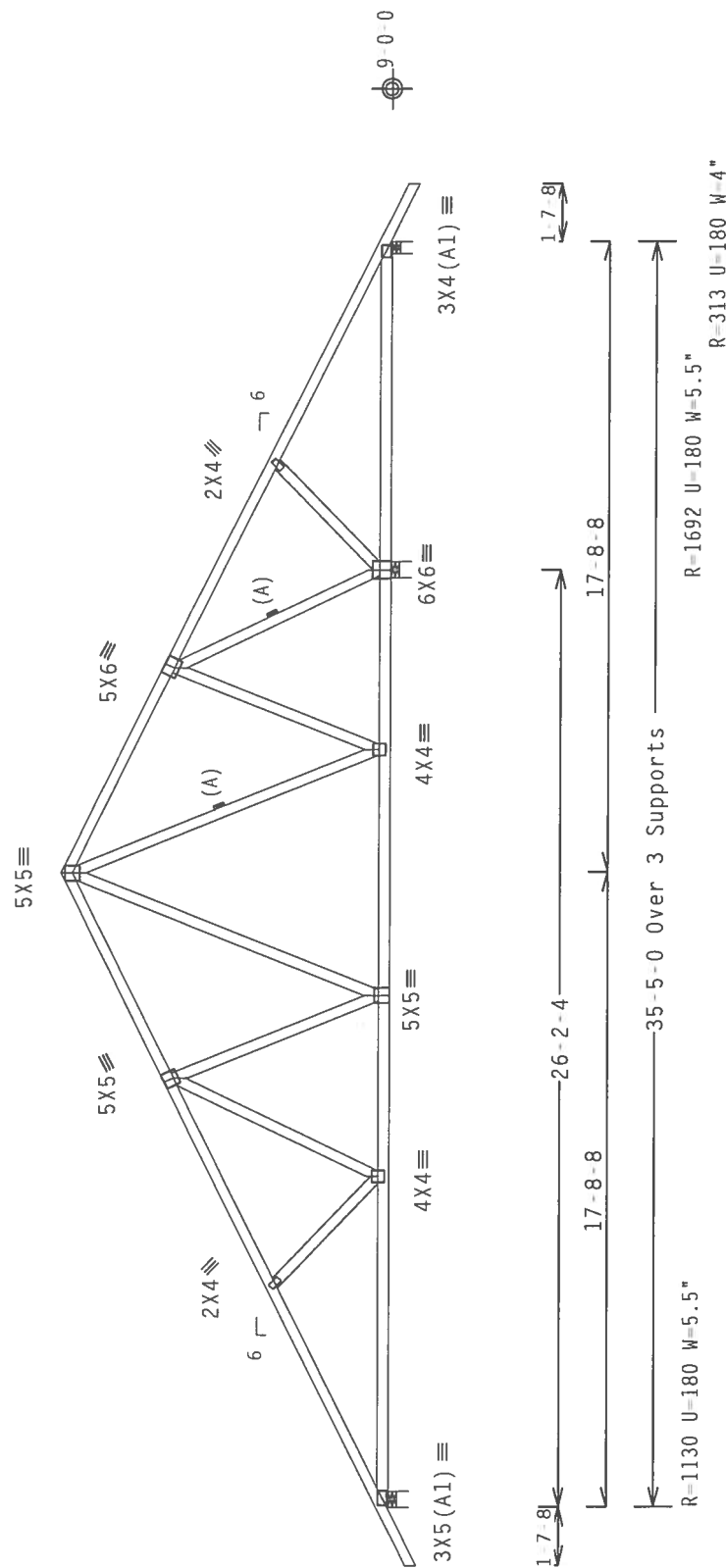
1110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

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

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

The overall height of this truss excluding overhang is 9-2-7.



PLT TYP. Wave\ R

Design Crit: TPI-2002(STD)/FBC

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

Scale = .1875"/Ft.

WARNING: THROUS REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 102 BUILDING COMPONENT SAFETY INFORMATION. THROUS MUST BE USED IN CONJUNCTION WITH A THROUS PLATE EMPLOYER: 363 D'ORFORD DR., SUITE 600, MADISON, WI 53719. AND TO PERFORM THESE LUMENING THROUS. UNLESS OTHERWISE INDICATED, MADISON, WI 53719. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE LUMENING THROUS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

TC LL	20.0 PSF	REF R215 - - 43626
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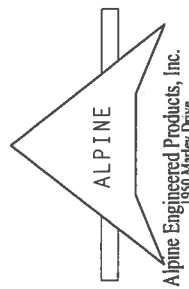
TTC DL	10.0 PSF	DATE	04/19/06
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BC DL	10.0 PSF	DRW HCUSR215 06109020
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BC LL	0.0 PSF	HC-ENG EC/WHK
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TOT.LD.	40.0 PSF	SEQN-	116467
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DUR.FAC.	1.25	FROM CDM
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Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Calculated horizontal deflection is 0.15" due to live load and 0.18" due to dead load.

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

The overall height of this truss excluding overhang is 5'-1-13".

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

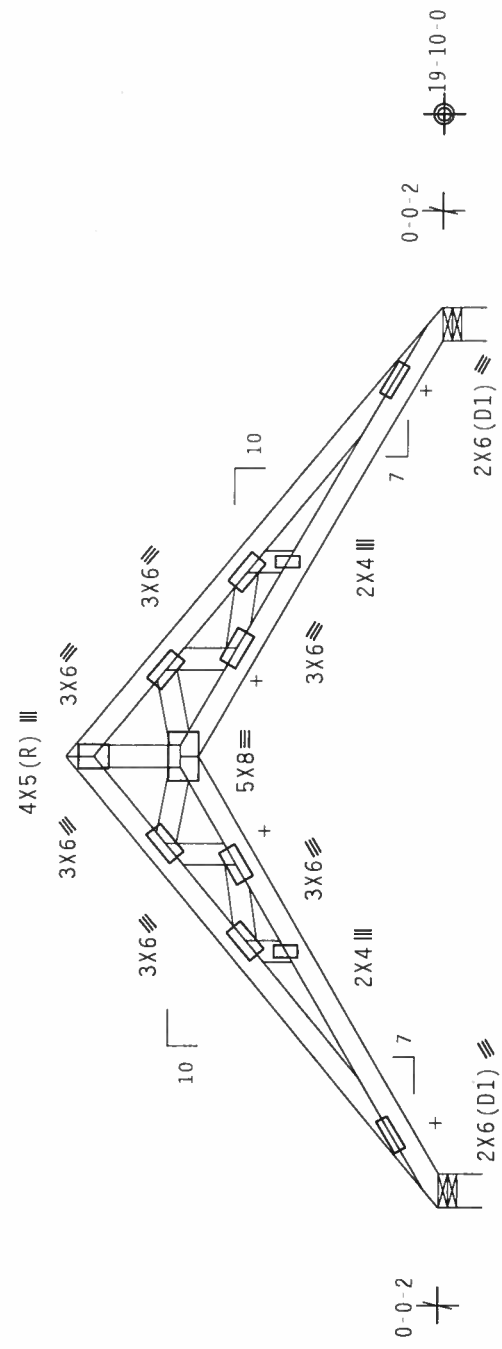
110 mph wind, 22.51 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Gable end supports 8" max rake overhang.

See DWGS A11030EE0405 & GBLLETIN0405 for more requirements.

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

+ MEMBER TO BE LATERALLY BRACED FOR HORIZONTAL WIND LOADS. BRACING SYSTEM TO BE DESIGNED AND FURNISHED BY OTHERS.



6-2-0
12-4-0 Over 2 Supports
R-549 U=323 W=5.5"
R-549 U=323 W=5.5"

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

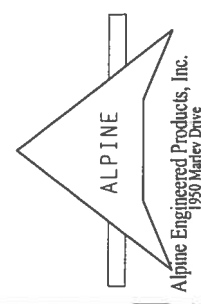
PLT TYP. Wave\R



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND NCTA (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 TO CONFORMANCE WITH TPI: PROVISIONS OF THIS NATIONAL DESIGN SPEC. BY AEP/PAI AND TPI. APPLY DESIGN CONCEPTS WITH APPLICABLE PROVISIONS OF THIS NATIONAL DESIGN SPEC. BY AEP/PAI AND TPI. APPLY PLATES TO EACH FACE OF TRUSS AND JOINTS. OTHERS SHALL BE RESPONSIBLE FOR THE TRUSS COMPONENTS. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC 3. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT.

QTY: 1	FL / - / 5 / - / - / R / -	Scale = .375" / Ft.
TC LL	20.0 PSF	REF R215 - 43629
TC DL	10.0 PSF	DATE 04/19/06
BC DL	10.0 PSF	DRW HCUSR215 06109021
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	40.0 PSF	SEQN- 116483
DUR.FAC.	1.25	FROM CDM



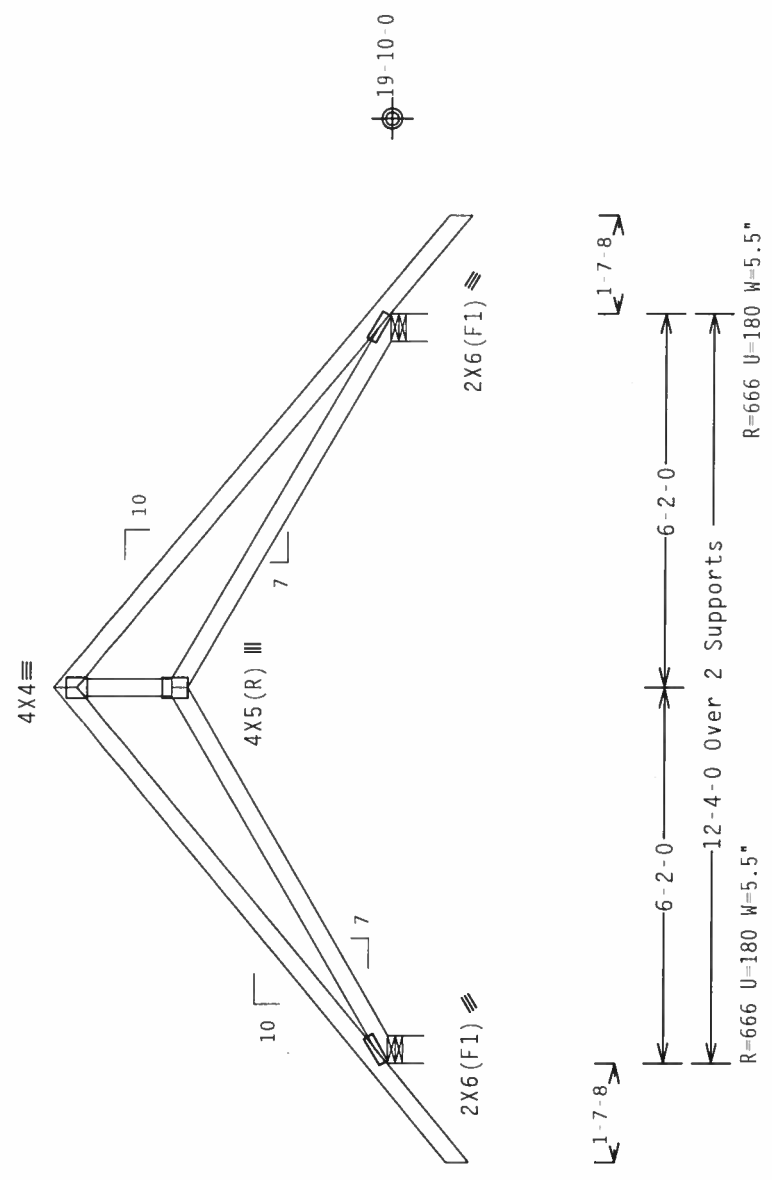
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

110 mph wind, 22.12 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

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

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



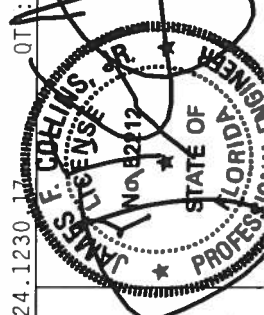
PLT TYP. Wave\|R

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

Scale = .3125"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IP1 (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND METAC (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 TO THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE TRUSS TO THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE TRUSS TO THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR.



REF	R215--	43630
DATE	04/19/06	
DRW	HCUSR215	06109022
HC-ENG	EC/WHK	
SEQN	116486	
FROM	CDM	

2 COMPLETE TRUSSES REQUIRED

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

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

Bot Chord: 2 Rows @ 5.50" o.c. (Each Row)

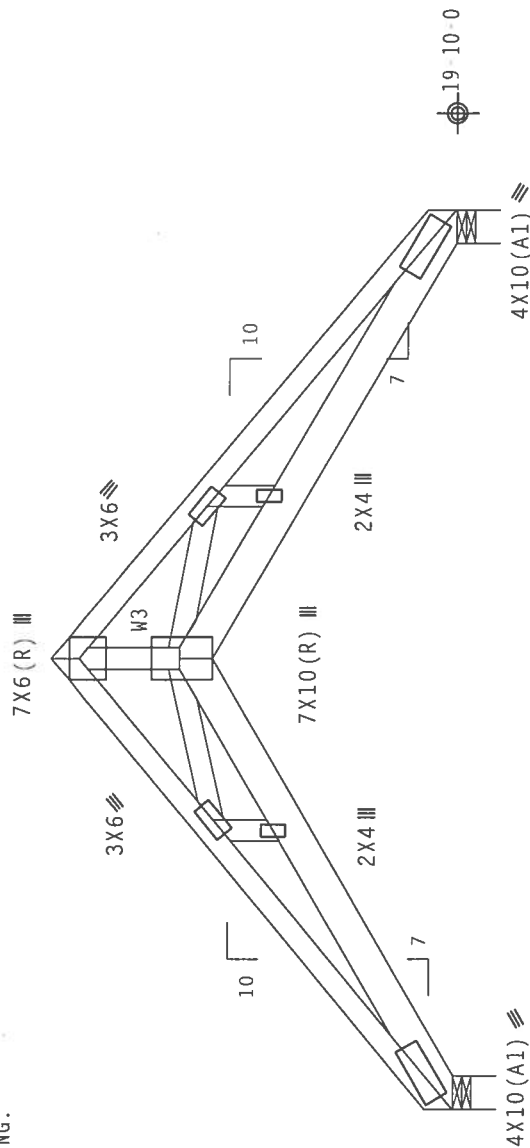
Webs : 1 Row @ 4" o.c.

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

110 mph wind, 22.79 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

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



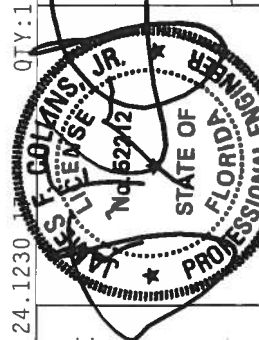
Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave\ R

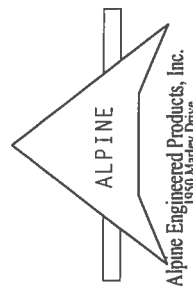
 $Cq/RT=1.00(1.25)/10(0) \quad 7.24.1230$

QTY:1 FL/-/5/-/-/R/-
Scale =.375"/Ft.

TC LL	20.0 PSF	REF	R215--	43631
TC DL	10.0 PSF	DATE	04/19/06	
BC DL	10.0 PSF	DRW	HCUSR215	06109026
BC LL	0.0 PSF	HC-ENG	EC/WHK	
TOT.LD.	40.0 PSF	SEQN-	116597	
DUR.EAC.	1.25	FROM	CDM	



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Top chord 2x4 SP #2 N
Bot chord 2x6 SP SS
Webs 2x4 SP #2 N :W3 2x4 SP SS:

SPECIAL LOADS

(LUMBER DUR.FAC=1.25 / PLATE DUR.FAC=1.25)
TC From 66 PLF at 0.00 to 66 PLF at 12.33
BC From 23 PLF at 0.00 to 23 PLF at 12.33
PLB 1088 LB Conc. Load at (1.81,20.67), (3.81,21.84), (5.81,23.00)
(6.40,23.08), (8.40,21.91), (10.40,20.74)

Calculated horizontal deflection is 0.27" due to live load and 0.28" due to dead load.

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

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

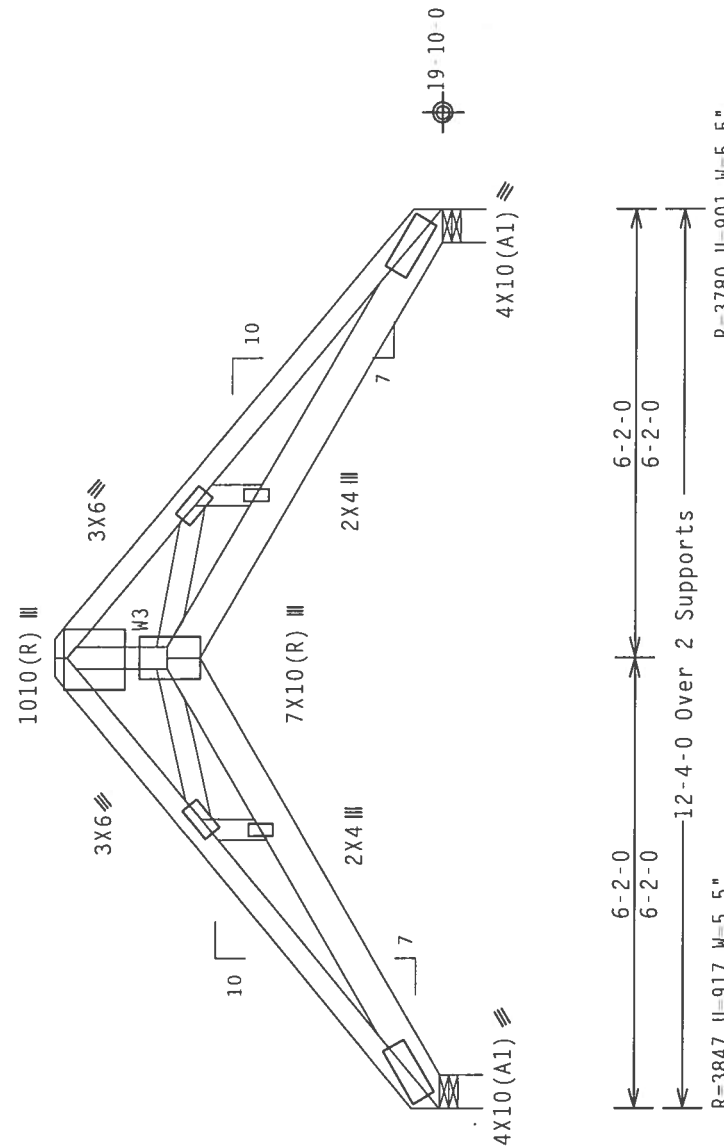
2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (10d Box or Gun (0.128"x3", min.) nails)
Top Chord: 1 Row @ 4.00" o.c.
Bot Chord: 2 Rows @ 5.50" o.c. (Each Row)
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails
in each row to avoid splitting.

110 mph wind, 22.69 ft mean hgt, ASCE 7-02, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf,
wind BC DL=5.0 psf.

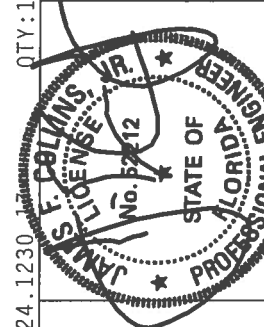
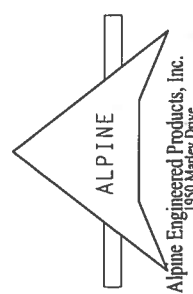
Deflection meets L/360 live and L/240 total load.

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



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

PLT TYP. Wave\R



QTY: 1	FL / - / 5 / - / - / R / -	Scale = .375" / Ft.
TC LL	20.0 PSF	REF R215 - 43632
TC DL	10.0 PSF	DATE 04/19/06
BC DL	10.0 PSF	DRW HCUSR215 06109023
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	40.0 PSF	SEQN - 116594
DUR.FAC.	1.25	FROM CDM

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CLB WEB BRACE SUBSTITUTION

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

NOTES:

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

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

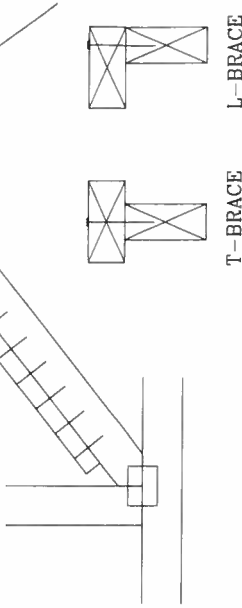
WEB MEMBER SIZE	SPECIFIED CLB BRACING	T OR L-BRACE	ALTERNATIVE BRACING SCAB BRACE
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

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

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

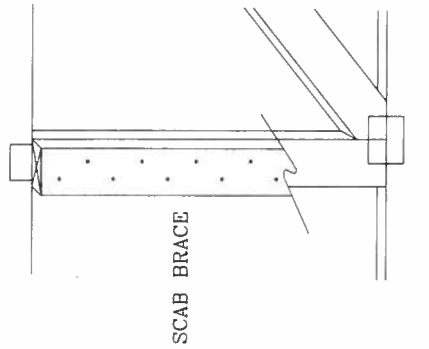
T-BRACING
OR
L-BRACING:

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



SCAB BRACING:

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



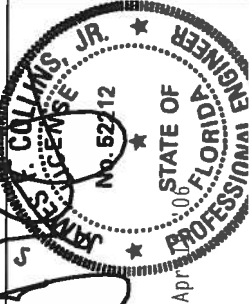
THIS DRAWING REPLACES DRAWING 579.640

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI I-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 DUNDRIED 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 FABRICATING, HANDLING, SHIPPING, INSTALLING OR BUILDING THE TRUSS IN CONFORMANCE WITH THIS DESIGN. THE TRUSS SHALL BE DESIGNED AND SPECIFIED BY AP&P AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/186GA (W/H/S/K) ASTM A653 GRADE 40/60 (W/K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI I-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.



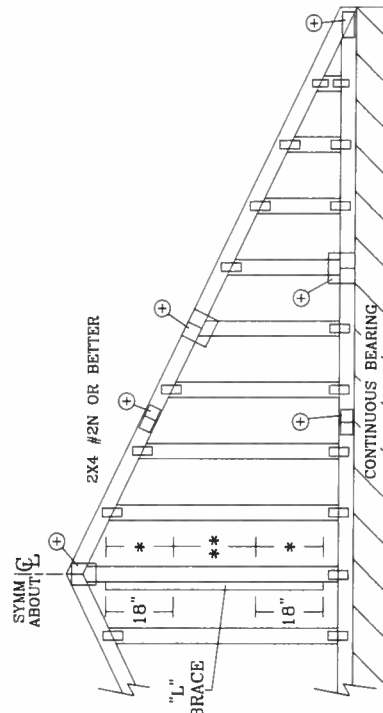
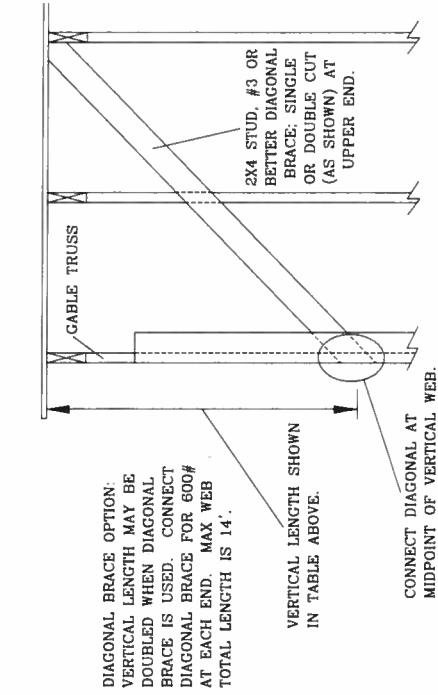
ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA



TC LL	PSF	REF	CLB SUBST.
TC DL	PSF	DATE	11/26/03
BC DL	PSF	DRWG	BRCBLSUB1103
BC LL	PSF	-ENG	MLH/KAR
TOT. LD.	PSF		
DUR. FAC.			

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

2X4 GABLE VERTICAL BRACING		BRACE		NO BRACES		(1) 1X4 "L" BRACE *		(2) 2X4 "L" BRACE *		(1) 2X6 "L" BRACE *		(2) 2X6 "L" BRACE *		(1) 2X6 "L" BRACE **		(2) 2X6 "L" BRACE **		MAX GABLE VERTICAL LENGTH	
SPACING	SPECIES	GRADE	BRACE		NO BRACES		(1) 1X4 "L" BRACE *		(2) 2X4 "L" BRACE *		(1) 2X6 "L" BRACE *		(2) 2X6 "L" BRACE *		(1) 2X6 "L" BRACE **		(2) 2X6 "L" BRACE **		MAX GABLE VERTICAL LENGTH
			#1 / #2	#3	GROUP A	GROUP B	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' 10"	3' 9"	6' 8"	6' 10"	7' 11"	8' 1"	9' 5"	9' 5"	12' 5"	12' 9"	12' 5"	12' 9"	12' 5"	12' 9"	12' 5"	12' 9"	14' 0"
	HF	STUD	3' 9"	3' 9"	6' 0"	6' 0"	7' 11"	7' 11"	9' 5"	9' 5"	12' 4"	12' 4"	12' 4"	12' 4"	12' 4"	12' 4"	12' 4"	12' 4"	14' 0"
	SP	STANDARD	3' 9"	3' 9"	5' 2"	5' 2"	6' 9"	6' 9"	9' 1"	9' 1"	10' 7"	10' 7"	10' 7"	10' 7"	10' 7"	10' 7"	10' 7"	10' 7"	14' 0"
	DFL	#1	4' 3"	4' 3"	6' 8"	7' 2"	7' 11"	8' 6"	9' 5"	10' 2"	12' 5"	13' 5"	12' 5"	13' 5"	12' 5"	13' 5"	12' 5"	13' 5"	14' 0"
24" O.C.	SP	#2	4' 2"	4' 0"	6' 8"	7' 2"	7' 11"	8' 6"	9' 5"	10' 2"	12' 5"	13' 5"	12' 5"	13' 5"	12' 5"	13' 5"	12' 5"	13' 5"	14' 0"
	HF	STUD	4' 0"	4' 0"	6' 2"	6' 2"	7' 11"	8' 1"	9' 5"	9' 11"	12' 5"	12' 8"	12' 5"	12' 8"	12' 5"	12' 8"	12' 5"	12' 8"	14' 0"
	SP	STANDARD	3' 10"	3' 10"	5' 3"	5' 3"	6' 11"	6' 11"	9' 4"	9' 11"	12' 5"	12' 6"	12' 5"	12' 6"	12' 5"	12' 6"	12' 5"	12' 6"	14' 0"
	DFL	#1 / #2	4' 5"	4' 4"	7' 8"	7' 10"	9' 1"	9' 4"	10' 10"	10' 10"	14' 0"	14' 0"	10' 10"	10' 10"	14' 0"	14' 0"	10' 10"	10' 10"	14' 0"
16" O.C.	SPF	#1 / #2	4' 4"	4' 4"	7' 4"	7' 4"	9' 1"	9' 1"	10' 10"	10' 10"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	HF	STUD	4' 4"	4' 4"	7' 4"	7' 4"	9' 1"	9' 1"	10' 10"	10' 10"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	SP	STANDARD	4' 4"	4' 4"	6' 4"	6' 4"	8' 4"	8' 4"	10' 10"	10' 10"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	DFL	#1	4' 10"	4' 10"	7' 8"	8' 3"	9' 1"	9' 9"	10' 10"	11' 8"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
12" O.C.	SPF	#2	4' 9"	4' 6"	7' 8"	7' 6"	9' 1"	9' 6"	10' 10"	11' 4"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	HF	STUD	4' 5"	4' 5"	6' 5"	6' 5"	8' 6"	8' 6"	10' 10"	11' 1"	13' 3"	13' 3"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	SP	STANDARD	4' 11"	4' 9"	8' 5"	8' 5"	10' 0"	10' 3"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	DFL	#1 / #2	4' 9"	4' 9"	8' 5"	8' 5"	10' 0"	10' 0"	11' 11"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
12" O.C.	SPF	#2	5' 4"	5' 3"	8' 5"	8' 5"	10' 0"	10' 9"	11' 11"	12' 10"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	HF	STUD	5' 0"	5' 0"	8' 5"	8' 5"	10' 0"	10' 6"	11' 11"	12' 6"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	SP	STANDARD	5' 0"	5' 0"	8' 5"	8' 5"	10' 0"	10' 6"	11' 11"	12' 6"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	DFL	#1	4' 11"	4' 11"	7' 5"	7' 5"	9' 10"	9' 10"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"



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

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).
- CABLE 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 16" END ZONES AND 4" O.C. BETWEEN ZONES.
- ** FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C. IN 16" 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	1X4 OR 2X3	2X4
LESS THAN 4' 0"			
GREATER THAN 4' 0", BUT LESS THAN 11' 6"			2X4
GREATER THAN 11' 6"			2.5X4

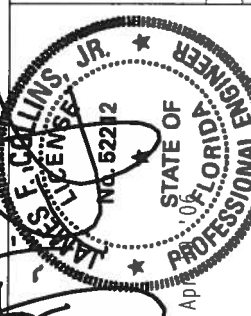
+ REFER TO COMMON TRUSS DESIGN FOR PEAK, SPLICE, AND HEEL PLATES.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 583 DUNFRIED DR., SUITE 200, MADISON, WI 53719) AND VTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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REF	ASCE7-02-GAB11015
DATE	04/15/05
DRWG	A11015EE0405
ENG	

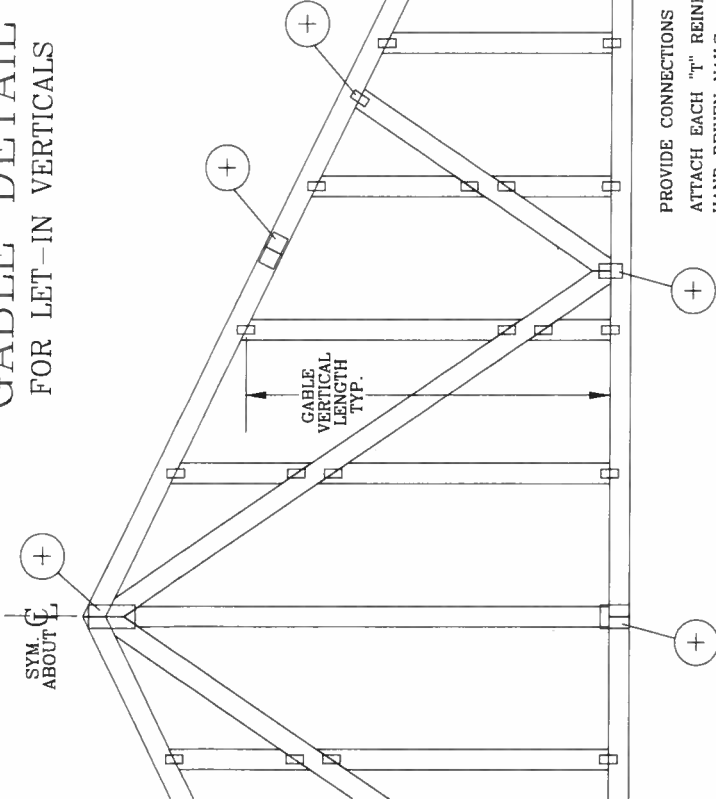
MAX. TOT. LD. 60 PSF



APPROVED FOR CONSTRUCTION

ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

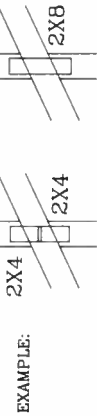
GABLE DETAIL FOR LET-IN VERTICALS



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

⊕ REFER TO ENGINEERED TRUSS DESIGN FOR PEAK, SPLICE, WEB AND HEEL PLATES.

* IF GABLE VERTICAL PLATES OVERLAP, USE A SINGLE PLATE TO SPAN THE WEB.



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

A11015EN1103, A10015EN1103, A09015EN1103, A08015EN1103, A07015EN1103

A11030EN1103, A10030EN1103, A09030EN1103, A08030EN1103, A07030EN1103

ASCE 7-98 GABLE DETAIL DRAWINGS

A13015EC1103, A12015EC1103, A11015EC1103, A10015EC1103, A08515EC1103

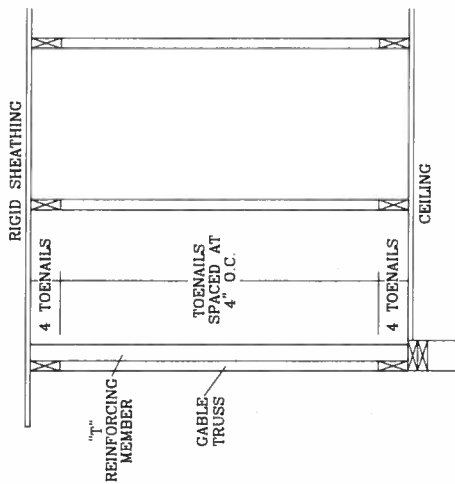
A13030EC1103, A12030EC1103, A11030EC1103, A10030EC1103, A08530EC1103

ASCE 7-02 GABLE DETAIL DRAWINGS

A13015EE0405, A12015EE0405, A11015EE0405, A10015EE0405, A08515EE0405,

A13030EE0405, A12030EE0405, A11030EE0405, A10030EE0405, A08530EE0405

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



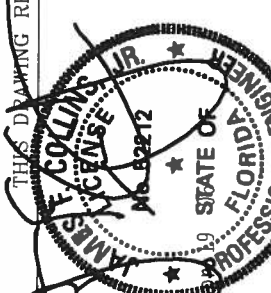
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI TRUSS COMPANY, 10000 W. 10TH AVE., SUITE 100, DENVER, CO 80231, FOR A COMPLETE LIST OF TRUSS MANUFACTURERS. THESE FUNCTIONS, UNLESS 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 2018/16GA C/H/SX3 ASTM A653 GRADE 50/55 KAY AND TPI ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA C/H/SX3 ASTM A653 GRADE 50/55 KAY AND TPI ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA C/H/SX3 ASTM A653 GRADE 50/55 KAY. ON THIS DESIGN, POSITION PER DRAWING 1602.7. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE CUSTODY OF THIS DRAWING IS NOT TRANSFERRED TO THE USER.

ALPINE
ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

THIS DRAWING REPLACES DRAWINGS GAB98117 876,719 & HC26294035

REF	LET-IN VERT
DATE	04/14/05
DRWG	GBLETTIN0405
-ENG	DLJ/KAR
MAX TOT. LD.	60 PSF
DUR. FAC.	ANY



TO CONVERT FROM "L" TO "T" REINFORCING MEMBERS, MULTIPLY "T" FACTOR BY LENGTH (BASED ON CABLE 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 MPH	"T" REINFORCING MEMBER SIZE	SBCCI	ASCE
110 MPH	2x4	10 %	10 %
15 FT	2x6	40 %	50 %
110 MPH	2x4	10 %	10 %
30 FT	2x6	50 %	50 %
100 MPH	2x4	10 %	10 %
15 FT	2x6	30 %	50 %
100 MPH	2x4	10 %	10 %
30 FT	2x6	40 %	40 %
90 MPH	2x4	20 %	10 %
15 FT	2x6	20 %	40 %
90 MPH	2x4	10 %	10 %
30 FT	2x6	30 %	50 %
80 MPH	2x4	10 %	20 %
15 FT	2x6	10 %	30 %
80 MPH	2x4	20 %	10 %
30 FT	2x6	20 %	40 %
70 MPH	2x4	0 %	20 %
15 FT	2x6	0 %	20 %
70 MPH	2x4	10 %	20 %
30 FT	2x6	10 %	30 %

EXAMPLE:

ASCE WIND SPEED = 100 MPH

MEAN ROOF HEIGHT = 30 FT

GABLE VERTICAL = 24' O.C. SP #3

"T" REINFORCING MEMBER SIZE = 2X4

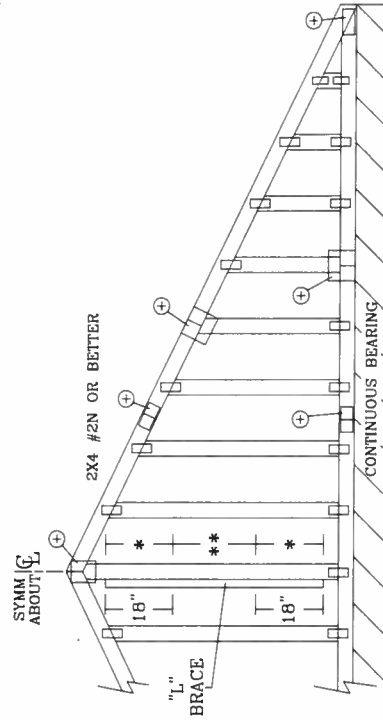
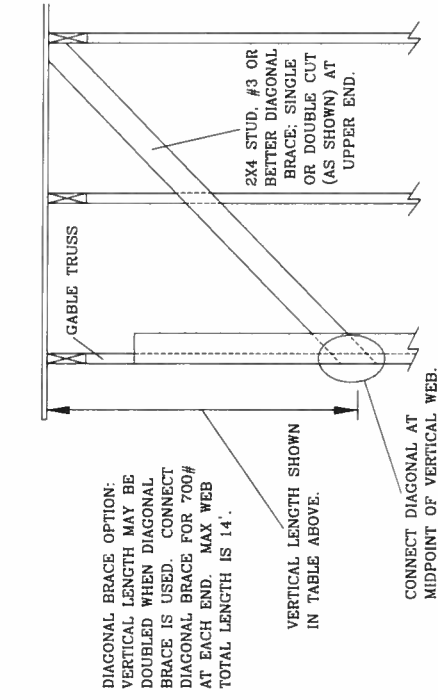
"T" BRACE INCREASE (FROM ABOVE) = 10% = 1.10

(1) 2X4 "L" BRACE LENGTH = 6' 7"

MAXIMUM "T" REINFORCED GABLE VERTICAL LENGTH 1.10 x 6' 7" = 7' 3"

ASCE 7-02: 110 MPH WIND SPEED, 30' MEAN HEIGHT, ENCLOSED, I = 1.00, EXPOSURE C

MAX GABLE VERTICAL LENGTH																						
2X4 GABLE VERTICAL SPACING			BRACE		NO BRACES		(1) 1X4 "L" BRACE •				(2) 2X4 "L" BRACE ••				(1) 2X6 "L" BRACE •				(2) 2X6 "L" BRACE ••			
			SPECIES	GRADE			GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B		
24" O.C.	SPF	#1 / #2	3' 8"	6' 4"	6' 6"	7' 6"	7' 8"	8' 11"	9' 2"	11' 9"	12' 1"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"					
	HF	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"	14' 0"	14' 0"					
	SP	STANDARD	3' 7"	4' 8"	4' 8"	6' 1"	6' 1"	8' 3"	8' 3"	9' 6"	9' 6"	12' 11"	12' 11"	12' 11"	12' 11"	12' 11"	12' 11"					
		#1	4' 0"	6' 4"	6' 10"	7' 6"	8' 1"	8' 11"	8' 11"	9' 7"	11' 9"	12' 8"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"					
	DFL	#2	3' 11"	6' 4"	6' 10"	7' 6"	8' 1"	8' 11"	9' 7"	11' 9"	12' 8"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"					
		#3	3' 9"	5' 7"	5' 7"	7' 4"	7' 4"	8' 11"	9' 5"	11' 5"	11' 5"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"					
	STUD	STANDARD	3' 9"	5' 6"	5' 6"	7' 3"	7' 3"	8' 11"	9' 5"	11' 4"	11' 4"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"					
		#1 / #2	3' 8"	4' 9"	4' 9"	6' 3"	6' 3"	8' 5"	8' 5"	9' 9"	9' 9"	13' 3"	13' 3"	14' 0"	14' 0"	14' 0"	14' 0"					
16" O.C.	SPF	#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"	14' 0"	14' 0"					
	HF	#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"	14' 0"	14' 0"	14' 0"					
	STUD	STUD	4' 1"	8' 0"	8' 0"	8' 7"	8' 7"	10' 3"	10' 3"	13' 5"	13' 5"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"					
		STANDARD	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"	14' 0"	14' 0"					
	SP	#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"	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"	14' 0"	14' 0"	14' 0"					
	DFL	#3	4' 4"	6' 10"	6' 10"	8' 7"	9' 0"	10' 3"	10' 9"	13' 5"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"					
		STUD	4' 4"	6' 9"	6' 9"	8' 7"	8' 11"	10' 3"	10' 9"	13' 5"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"					
12" O.C.	SPF	STANDARD	4' 2"	5' 10"	5' 10"	7' 8"	7' 8"	10' 3"	10' 4"	11' 11"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"					
	HF	#1 / #2	4' 7"	8' 0"	8' 2"	9' 5"	9' 8"	11' 3"	11' 7"	14' 0"	14' 0"	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"	14' 0"	14' 0"					
	STUD	STUD	4' 6"	6' 7"	6' 7"	8' 8"	8' 8"	11' 3"	11' 3"	13' 6"	13' 6"	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"	14' 0"	14' 0"					
	SP	#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"	14' 0"	14' 0"	14' 0"					
		#3	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"	14' 0"	14' 0"					
	DFL	STUD	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"	14' 0"	14' 0"					
12" O.C.	STUD	#1 / #2	4' 7"	6' 9"	6' 9"	8' 10"	8' 10"	11' 3"	11' 7"	13' 10"	13' 10"	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"	13' 6"	13' 6"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"					
	SP	STUD	4' 6"	6' 7"	6' 7"	8' 8"	8' 8"	11' 3"	11' 3"	13' 6"	13' 6"	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"	14' 0"	14' 0"					
	DFL	#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"	14' 0"	14' 0"	14' 0"					
		#3	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"	14' 0"	14' 0"					
	STUD	STUD	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"	14' 0"	14' 0"					
		#1 / #2	4' 7"	6' 9"	6' 9"	8' 10"	8' 10"	11' 3"	11' 7"	13' 10"	13' 10"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"					



REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

BRACING GROUP SPECIES AND GRADES:

GROUP A:

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

DOUGLAS FIR-LARCH

DOUGLAS FIR-LARCH		SOUTHERN PINE	
#3	STUD	#3	STUD
STANDARD	STANDARD	STANDARD	STANDARD

GROUP B:

HEM-FIR		DOUGLAS FIR-LARCH	
#1 & BTR	#1	#1	#2

SOUTHERN PINE

SOUTHERN PINE		DOUGLAS FIR-LARCH	
#1	#2	#1	#2

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

PROVIDE UPLIFT CONNECTIONS FOR 100 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

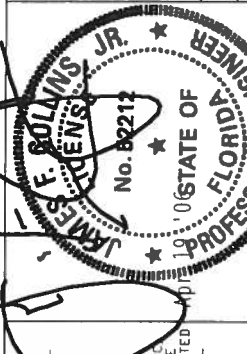
+ REFER TO COMMON TRUSS DESIGN FOR PEAK, SPLICE, AND HEEL PLATES.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC311-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 DONDORF DR., SUITE 200, MADISON, WI 53719), AND VTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING 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. FOR WOOD) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (V.H/S/K) ASTM A653 GRADE 40/60 (V.H/S/K) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED IN THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (C) SHALL BE PERFORMED BY A PROFESSIONAL ENGINEER. A SEAL AND THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING OFFICIAL.

REF	ASCEY-02-CABI1030
DATE	04/14/05
DRWG	A11030EE0405
ENG	-

MAX. TOT. LD. 60 PSF	
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ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

BEARING BLOCK NAIL SPACING DETAIL

BEARING BLOCK NAIL SPACING DETAIL

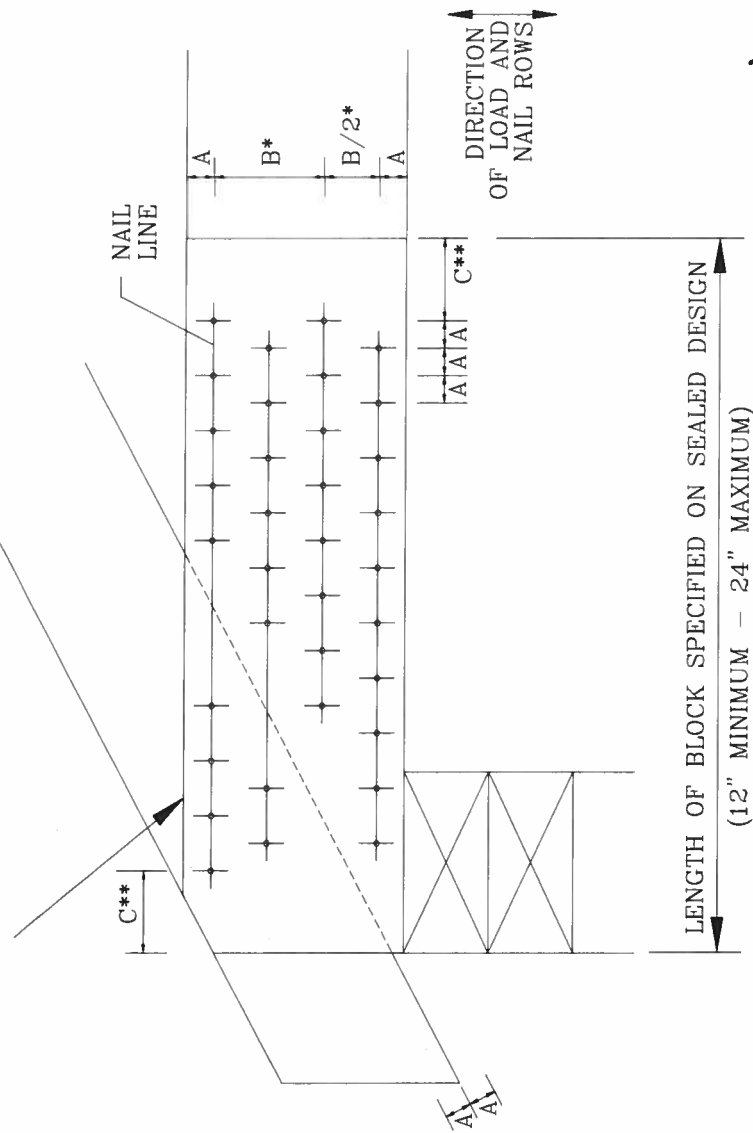
MINIMUM SPACING FOR SINGLE BEARING BLOCK IS SHOWN. DOUBLE NAIL SPACINGS AND STAGGER NAILING FOR TWO BLOCKS. GREATER SPACING MAY BE REQUIRED TO AVOID SPLITTING.

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

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

- SPACING MAY BE REDUCED BY 50%
- SPACING MAY BE REDUCED BY 33%

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



MAXIMUM NUMBER OF NAIL LINES PARALLEL TO GRAIN

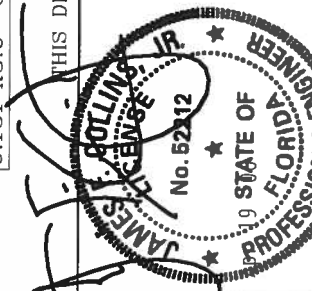
NAIL TYPE	CHORD SIZE				
	2X4	2X6	2X8	2X10	2X12
8d BOX (0.113"x2.5")	3	6	9	12	15
10d BOX (0.128"x3")	3	5	7	10	12
12d BOX (0.128"x3.25")	3	5	7	10	12
16d BOX (0.135"x3.5")	3	5	7	10	12
20d BOX (0.148"x4")	2	4	5	6	8
8d COMMON (0.131"x2.5")	3	5	7	10	12
10d COMMON (0.148"x3")	2	4	6	8	10
12d COMMON (0.148"x3.25")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

MINIMUM NAIL SPACING DISTANCES

DISTANCES	
NAIL TYPE	A B* C**
8d BOX (0.113"X2.5")	3/4" 1 3/8" 1 3/4"
10d BOX (0.128"X3")	7/8" 1 5/8" 2"
12d BOX (0.128"X3.25")	7/8" 1 5/8" 2"
16d BOX (0.135"X3.5")	7/8" 1 5/8" 2 1/8"
20d BOX (0.148"X4")	1" 1 7/8" 2 1/4"
8d COMMON (0.131"X2.5")	7/8" 1 5/8" 2"
10d COMMON (0.148"X3")	1" 1 7/8" 2 1/4"
12d COMMON (0.148"X3.25")	1" 1 7/8" 2 1/4"
16d COMMON (0.162"X3.5")	1" 2" 2 1/2"
0.120"X2.5" GUN	3/4" 1 1/2" 1 7/8"
0.131"X2.5" GUN	7/8" 1 5/8" 2"
0.120"X3.0" GUN	3/4" 1 1/2" 1 7/8"
0.131"X3.0" GUN	7/8" 1 5/8" 2"

THIS DRAWING REPLACES DRAWING B139 AND CNRGBLKO699

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



****WARNING:** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND REMOVING. REFER TO BCSP-103 (BUILDING COMPONENT SAFETY) PUBLISHED BY THE NATIONAL PLATE INSTITUTE, 583 DUNFORD RD., SUITE 200, MADISON, WI 53719), AND VTC6000 (VOLUME 6 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 JOINT.**

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 THE TRUSSES. IN CONFORMANCE WITH TPI, ALL FABRICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. FOR STEEL AND TPI ALPINE CONNECTOR PLATES ARE MADE OF 2018/21GA C/W/S/X) ASTM A653 GRADE 50. ON THIS DESIGN, POSITION PER DRAWINGS 1506-4. ANY INSPECTION OF PLATES MUST BE PERFORMED IN ACCORDANCE WITH TPI PER ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF THE PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN.



ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA