

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: ISXG487-Z0124141917

Truss Fabricator: Anderson Truss Company
Job Identification: 6-207--Jonathan Perry Perry -- , **
Truss Count: 37
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 - 32.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-02 -Closed

Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR487

Details: BRCLBSUB-A11015EE-GBLLETIN-A11030EE-PIGBACKB-



Seal Date: 05/24/2006

-Truss Design Engineer-
Arthur R. Fisher
Florida License Number: 59687
1950 Marley Drive
Haines City, FL 33844

#	Ref	Description	Drawing#	Date
1	57258--A1-GE		06144028	05/24/06
2	57259--A2		06144004	05/24/06
3	57260--A3		06144005	05/24/06
4	57261--A4		06144006	05/24/06
5	57262--A5G		06144031	05/24/06
6	57263--A6		06144007	05/24/06
7	57264--A7		06144008	05/24/06
8	57265--A8		06144009	05/24/06
9	57266--A9		06144010	05/24/06
10	57267--A10		06144032	05/24/06
11	57268--A11-GE		06144033	05/24/06
12	57269--A12		06144011	05/24/06
13	57270--B1-GE		06144012	05/24/06
14	57271--B2		06144001	05/24/06
15	57272--B3		06144013	05/24/06
16	57273--B4		06144014	05/24/06
17	57274--B5		06144015	05/24/06
18	57275--B6G		06144034	05/24/06
19	57276--C1-GE		06144036	05/24/06
20	57277--C2		06144016	05/24/06
21	57278--C3		06144017	05/24/06
22	57279--C4		06144018	05/24/06
23	57280--C5		06144019	05/24/06
24	57281--C6-GE		06144037	05/24/06
25	57282--D1		06144020	05/24/06
26	57283--D2		06144021	05/24/06
27	57284--DG1		06144029	05/24/06
28	57285--FG1		06144030	05/24/06
29	57286--K1-GE		06144022	05/24/06
30	57287--K2		06144002	05/24/06
31	57288--K3		06144003	05/24/06
32	57289--R1-GE		06144035	05/24/06
33	57290--R2		06144023	05/24/06
34	57291--AP1-GE		06144024	05/24/06
35	57292--AP2		06144025	05/24/06
36	57293--BP1		06144026	05/24/06

#	Ref	Description	Drawing#	Date
37	57294--CP1		06144027	05/24/06

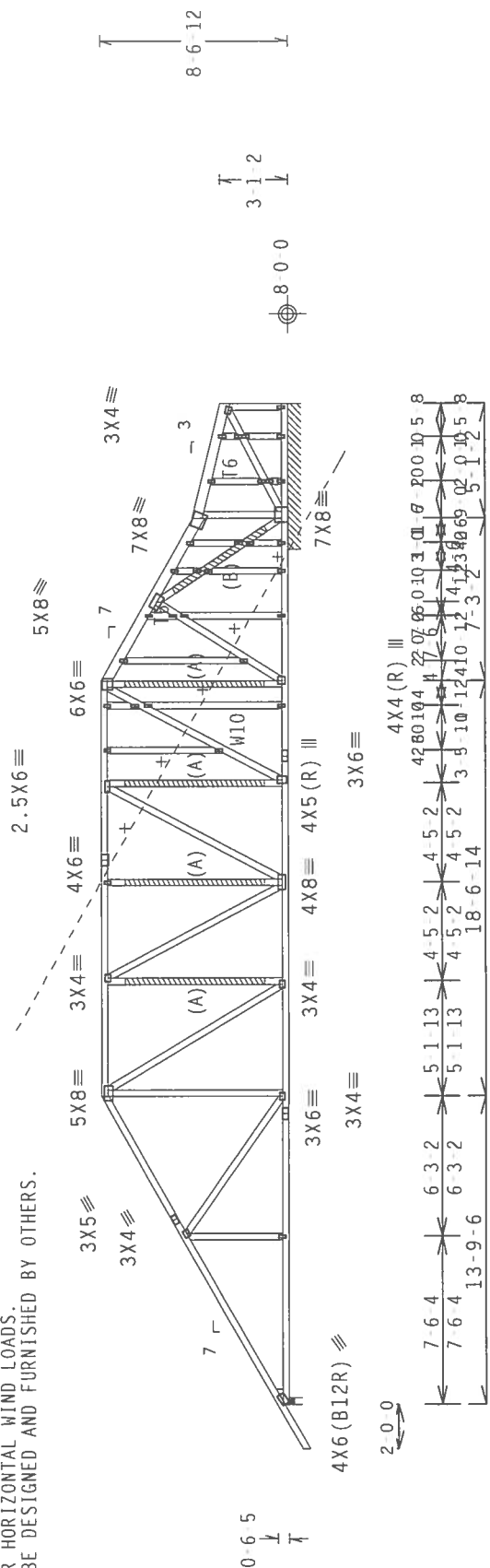


:Lt Wedge 2x4 SP #3:
Webs 2x4 SP #3 :W10 2x4 SP #2 Dense:

SPECIAL LOADS

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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



44'-8" Over 2 Supports

R-2043 U=220 W=3.5"

R-524 PLF U=56 PLF W=6.0"

Design Crit: TPI-2002(STD)/FBC

PI-2002(STD)/FBC
Cq/RT-1.00(1.25)/10(0) 7.24.1

Scale = .125"/Ft.

ALPINE

Alpine Engineered Products, Inc.
 1959 Naney Drive
 Haines City, FL 33844
 FL Certificate of Authorization # 567

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DCS 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTALLATION, S&B INTERNATIONAL, SUITE 200, WADSWORTH, MI 48093), AND TPI-001 (TRUSS CONSTRUCTION, TPI, 10000 TPI DRIVE, WADSWORTH, MI 48093) FOR PROPER 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-01 ON FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONCORDS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AIA/P&A) AND TPI-01. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W-10/S/2K) ASTM A653 GRADE 40/60 (W- K/16-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSSES AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEK A3 OF TPI-1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TC LL	20.0	PSF	REF	R487 -	57258
TC DL	10.0	PSF	DATE	05/24/06	
BC DL	10.0	PSF	DRW	HCUSR487	06144028
BC LL	0.0	PSF	HC-ENG	DF/AF	
TOT.LD.	40.0	PSF	SEQN-	105031	
DUR.FAC.	1.25				
SPACING	SEE	ABOVE	JREF-	1SXG487_Z01	

110 mph wind, 15.00 ft mean hgt, ASCE 7 02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

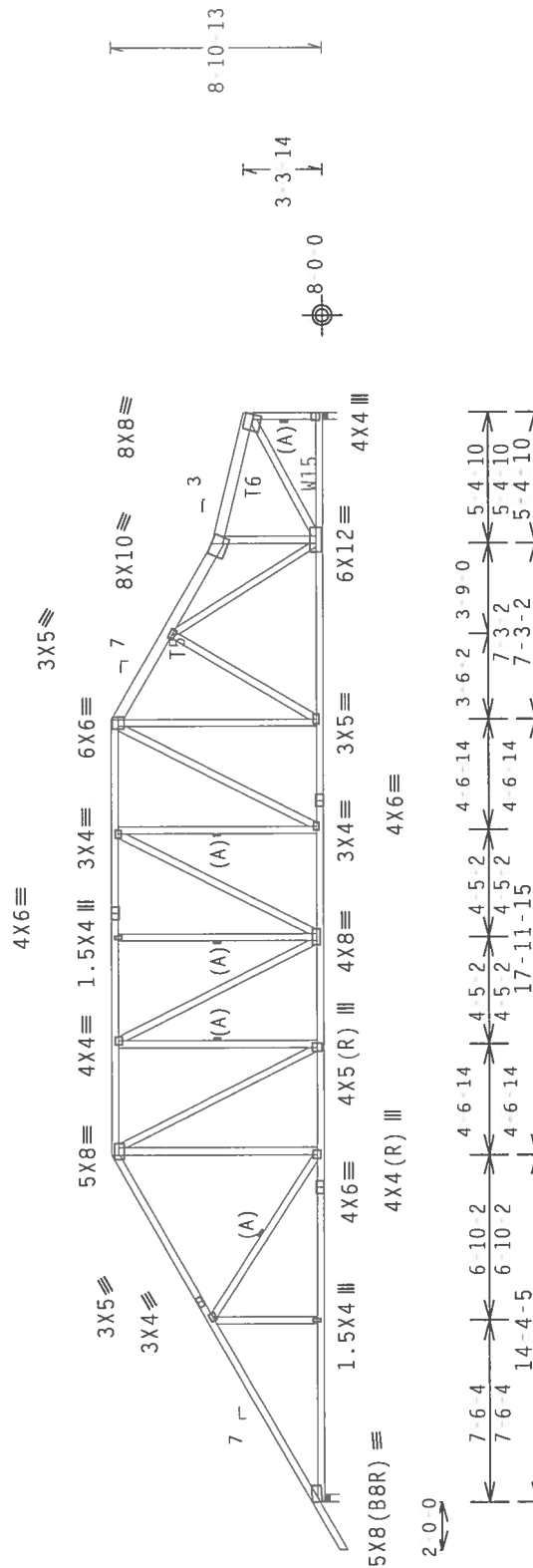
(A) Continuous lateral bracing equally spaced on member.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

THE BUILDING DESIGNER SHALL EVALUATE AND APPROVE LOAD MAGNITUDES AND LOCATIONS AS SHOWN ("SPECIAL LOADS"). TRUSS ENGINEER & FABRICATOR ARE NOT RESPONSIBLE FOR LOAD MAGNITUDES AND LOCATIONS.



45-0-0 Over 2 Supports

R=2199 I=236 W=3.5"

R-3428 11-367 W-3-5"

Design Crit: TPI-2002(STD)/FBC

Scale = .125"/Ft.

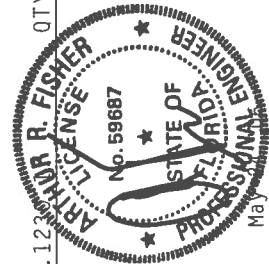
QTY:1 FL/-/4/-/-/R/-/

7.24.1234

PLT TYP. Wave

[illegible]

* IMPORTANT ** SHOWN A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERS
DESIGNED THIS TRUSS IN CONFORMANCE WITH THE FOLLOWING ASSUMPTIONS:
TRUSSES IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.
DESIGN CONDITIONS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC., FOR STEEL) AND AISC (ALPHA-
60) (STEEL EDITION).
PLATES TO EACH FACE OF TRUSS AND WELDS, EXCEPT THOSE LOCATED ON THIS DESIGN POSITION PER DRAWINGS, INDICATE
ANY INSPECTION OF PLATES ALLOWED BY TPI SHALL BE PER AIA 3 OF TPI 2009 SEC.3. A SEAL ON THE
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT
AND NOT THE ENTIRE BUILDING. ANY SEAL OF THIS COMMENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE
BUILDING DESIGNER PER TPI SEC. 2.



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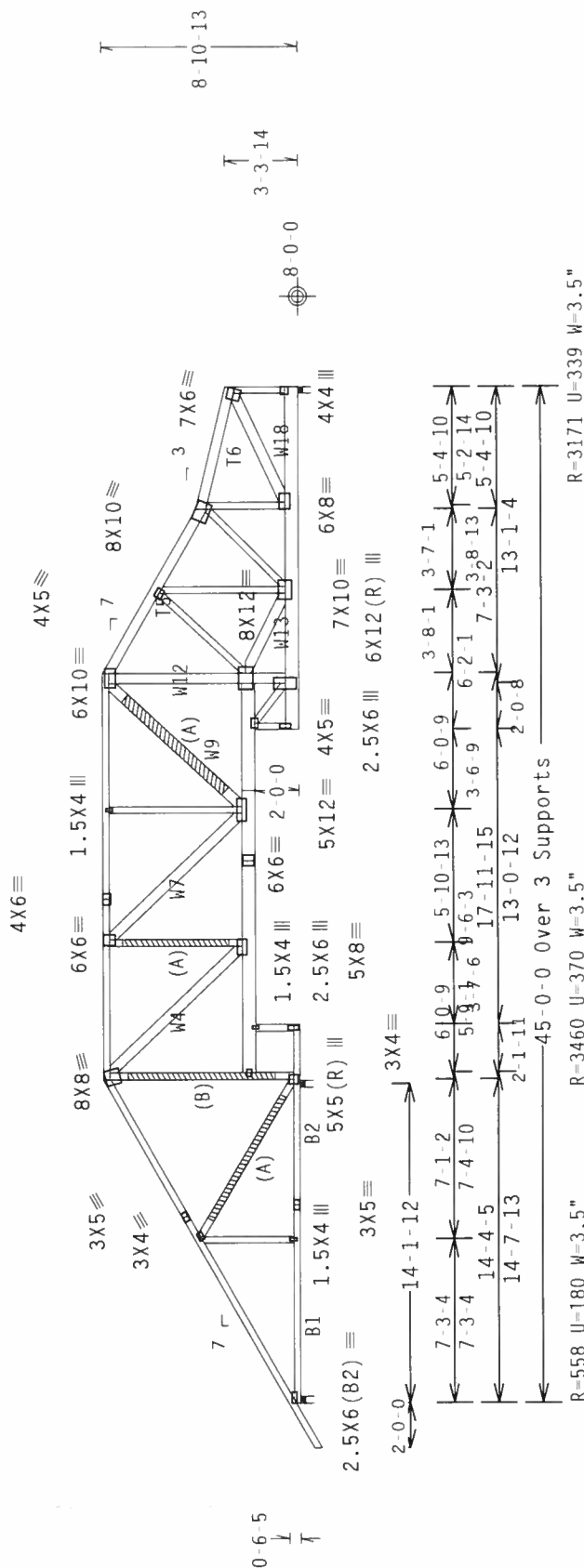
[illegible]

SPECIAL LOADS

	(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From	63 PLF at 2.00 to 63 PLF at 14.36
ITC - From	61 PLF at 14.36 to 61 PLF at 32.35
TC - From	63 PLF at 32.35 to 63 PLF at 39.61
ITC - From	61 PLF at 39.61 to 61 PLF at 45.00
BC - From	5 PLF at 2.00 to 5 PLF at 0.00
BC - From	20 PLF at 0.00 to 20 PLF at 16.79
BC - From	20 PLF at 16.79 to 20 PLF at 45.00
BC - 3371 LB Conc.	Load at 32.42

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

LATERALLY BRACE BOTTOM CHORD ABOVE FILLER AT 24" O.C., INCLUDING A LATERAL BRACE AT CHORD ENDS.



PLT TYP. Wave

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

Scale = .125"/Ft.

LET IT. HAVE

ALPINE

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

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BECS 1-03 (BUILDING COMPONENT SAFETY INFORMATION) FOR COMPLETE LIST OF PRECAUTIONS. ALL TRUSS MANUFACTURERS MUST COMPLY WITH THE DESIGN AND CONSTRUCTION REQUIREMENTS OF AMERICAN CHORD ENTERPRISE L.P., HANOVER, MD 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, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH AMERICAN CHORD ENTERPRISE L.P. DESIGN REQUIREMENTS FOR STEEL TRUSSES. ALL TRUSSES MUST BE DESIGNED TO 10,000 PSI GROSS GRADE (OR, 8,000 PSI 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 AMHX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMST/TPI 1 SEC. 2.

TC LL	20.0 PSF	REF	R487 --	57262
TC DL	10.0 PSF	DATE	05/24/06	
BC DL	10.0 PSF	DRW	HCSR487	06144031
BC LL	0.0 PSF	HC-ENG	DF /AF	
TOT.LD.	40.0 PSF	SEQN-	105054	
DUR.FAC.	1.25			
SPACING	SEE ABOVE	JREF-	1SXG487	Z01

1110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

Calculated horizontal deflection is 0.11" due to live load and 0.19" due to dead load.

(B) Continuous lateral bracing equally spaced on member. Or 1x4 SP #3 brace, 80% length of web member. Attached with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

(C) Continuous lateral bracing equally spaced on member. Or 2x4 SP #3 or better "T" brace. 80% length of web member. Attached with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" OC.

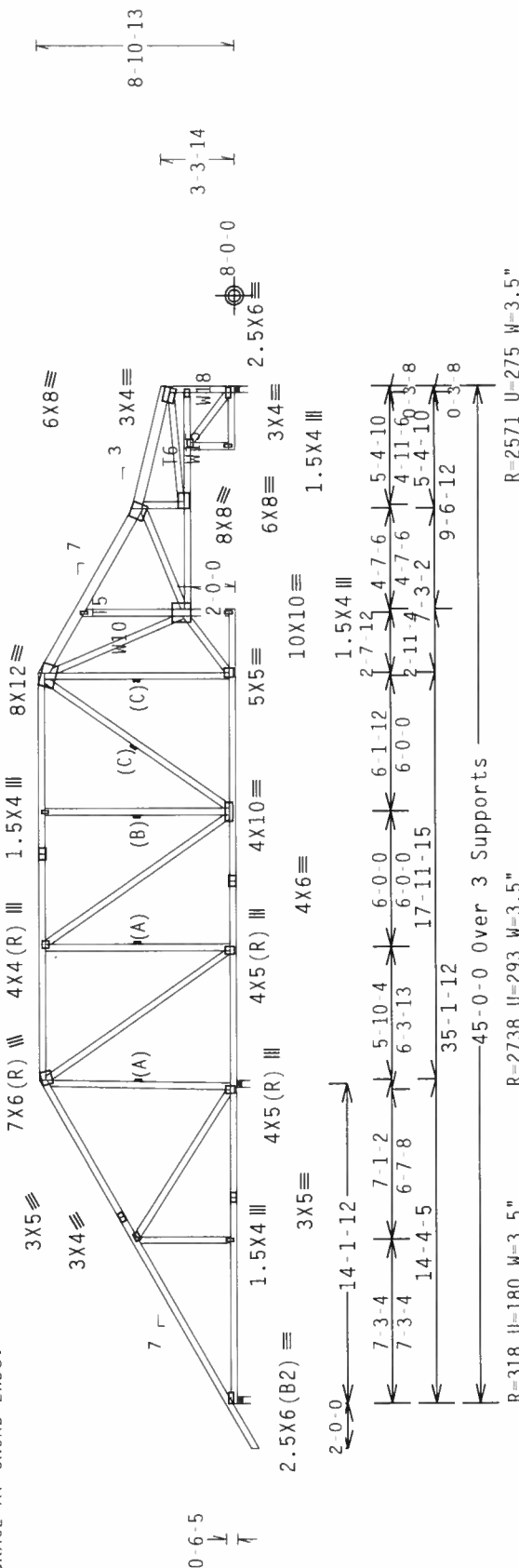
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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4X6≡
1.5X4≡

Laterally brace bottom chord above filler at 24" O.C., including a lateral brace at chord ends.

THE BUILDING DESIGNER SHALL EVALUATE AND APPROVE LOAD MAGNITUDES AND LOCATIONS AS SHOWN ("SPECIAL LOADS"). TRUSS ENGINEER & FABRICATOR ARE NOT RESPONSIBLE FOR LOAD MAGNITUDES AND LOCATIONS.



R=2571 U=275 W=3.5"

Design Crit: TPI-2002(STD)/FBC

WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SUPPORTING, INSTALLING AND BRACING. AFTER TO BEST PRACTICE INCLUDING COMPONENTS OF THE AMERICAN WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, SUITE 1010, FORT WORTH, TEXAS 76116-8921, FOR SAFETY PRECAUTIONS PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

*IMPORTANT: SUBMIT 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 TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES, OR PROVIDING PROVISIONS OF AHS NATIONAL DESIGN SPEC. BY AHS AND TPI WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. IF ANY INSPECTION OF PLATES FOLLOWED BY AHS SHALL BE PERMITTED AS OF TPI 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN, SHIPMENT, INSTALLATION AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE TRUSS COMPONENT DESIGN, SHIPMENT, INSTALLATION AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE CONTRACTOR.

Case	Year	Age	Sex	Occupation	Duration (yr)	Prevalence (%)	Incidence (%)	Prevalence Ratio	Incidence Ratio
1	1992	31	D	/ABC	1	00	1	25	10
2	1992	31	D	/ABC	1	00	1	25	10
3	1992	31	D	/ABC	1	00	1	25	10
4	1992	31	D	/ABC	1	00	1	25	10
5	1992	31	D	/ABC	1	00	1	25	10
6	1992	31	D	/ABC	1	00	1	25	10
7	1992	31	D	/ABC	1	00	1	25	10
8	1992	31	D	/ABC	1	00	1	25	10
9	1992	31	D	/ABC	1	00	1	25	10
10	1992	31	D	/ABC	1	00	1	25	10
11	1992	31	D	/ABC	1	00	1	25	10
12	1992	31	D	/ABC	1	00	1	25	10
13	1992	31	D	/ABC	1	00	1	25	10
14	1992	31	D	/ABC	1	00	1	25	10
15	1992	31	D	/ABC	1	00	1	25	10
16	1992	31	D	/ABC	1	00	1	25	10
17	1992	31	D	/ABC	1	00	1	25	10
18	1992	31	D	/ABC	1	00	1	25	10
19	1992	31	D	/ABC	1	00	1	25	10
20	1992	31	D	/ABC	1	00	1	25	10
21	1992	31	D	/ABC	1	00	1	25	10
22	1992	31	D	/ABC	1	00	1	25	10
23	1992	31	D	/ABC	1	00	1	25	10
24	1992	31	D	/ABC	1	00	1	25	10
25	1992	31	D	/ABC	1	00	1	25	10
26	1992	31	D	/ABC	1	00	1	25	10
27	1992	31	D	/ABC	1	00	1	25	10
28	1992	31	D	/ABC	1	00	1	25	10
29	1992	31	D	/ABC	1	00	1	25	10
30	1992	31	D	/ABC	1	00	1	25	10
31	1992	31	D	/ABC	1	00	1	25	10
32	1992	31	D	/ABC	1	00	1	25	10
33	1992	31	D	/ABC	1	00	1	25	10
34	1992	31	D	/ABC	1	00	1	25	10
35	1992	31	D	/ABC	1	00	1	25	10
36	1992	31	D	/ABC	1	00	1	25	10
37	1992	31	D	/ABC	1	00	1	25	10
38	1992	31	D	/ABC	1	00	1	25	10
39	1992	31	D	/ABC	1	00	1	25	10
40	1992	31	D	/ABC	1	00	1	25	10
41	1992	31	D	/ABC	1	00	1	25	10
42	1992	31	D	/ABC	1	00	1	25	10
43	1992	31	D	/ABC	1	00	1	25	10
44	1992	31	D	/ABC	1	00	1	25	10
45	1992	31	D	/ABC	1	00	1	25	10
46	1992	31	D	/ABC	1	00	1	25	10
47	1992	31	D	/ABC	1	00	1	25	10
48	1992	31	D	/ABC	1				

APR 11 1964

Scale = .125"/Ft.

EE 0497 E7063

EF K407 - 3/203

DATE 05/24/06

URW HCII SB487 06144007

References

C-ENG DF/AF

FON- 104974

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REF- 1SXG487_Z01

1110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf.

Right end vertical not exposed to wind pressure.

Calculated horizontal deflection is 0.11" due to live load and 0.20" due to dead load.

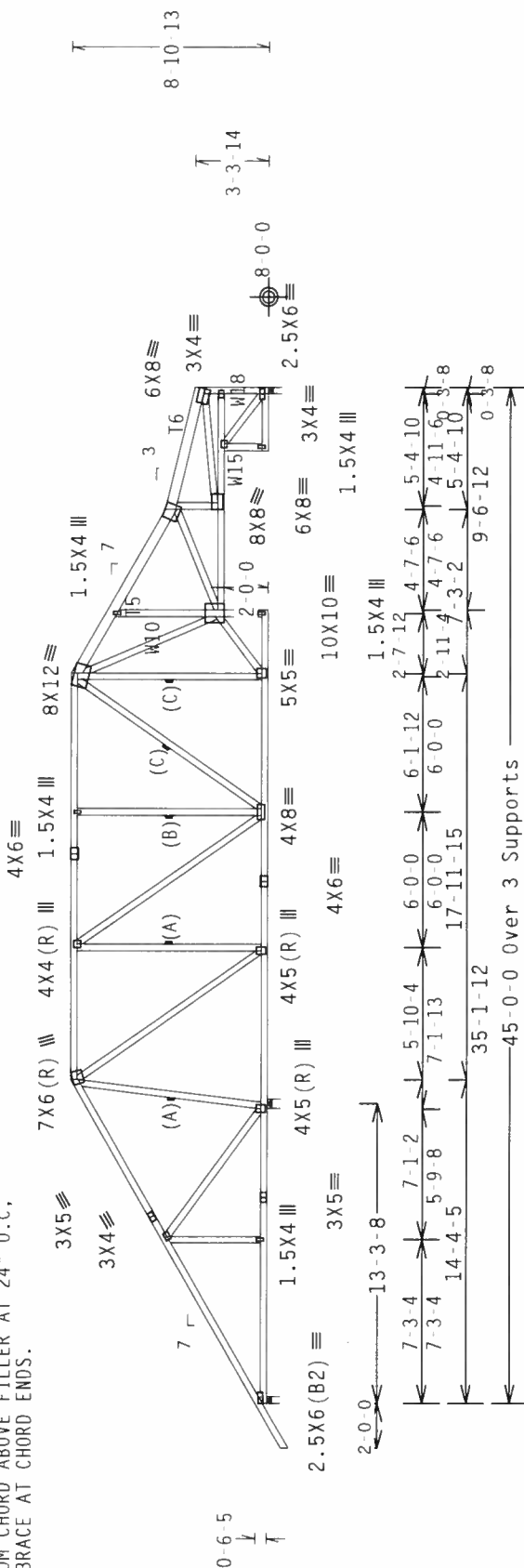
(B) Continuous lateral bracing equally spaced on member. Or 1x4 SP #3 or better "I" brace. 80% length of web member. Attached with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

(C) Continuous lateral bracing equally spaced on member. Or 2x4 SP #3 or better "T" brace. 80% length of web member. Attached with 16d Box or Gun (0.135"x3.5", min.) nails @ 6" OC.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

LATERALLY BRACE BOTTOM CHORD ABOVE FILLER AT 24" O.C.,
INCLUDING A LATERAL BRACE AT CHORD ENDS.



R=2619 U=280 W=3.5"

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

QTY:1 FL/-/4/-/-/R/-/-
Scale = .125"/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, 5831 D'AMORIO DR., SUITE 200, MADISON, WI 53719) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

***IMPORTANT** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERS
TRUSSES, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE
DESIGN IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & DRAPING OF TRUSSES,
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF RDOS (NATIONAL DESIGN SPEC. BY AISC) AND TPI. ALPINE
CONNECTOR PLATES ARE MADE OF 2018/16GA (44-N) ASTM A563 GRADE 40 (60 (4 / 8) 5) GALV. STEEL. APPLY
PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 16GA 2
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX 43 OF TPI1 2002 SEC.3. A SEAL ON THIS
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT
DESIGN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE
BUILDING DESIGNER PER ANSI/TPI 1 EC. 2.

TC LL	20.0	PSF	REF	R487 - -	57264
TC DL	10.0	PSF	DATE	05/24/06	
BC DL	10.0	PSF	DRW	HCUSR487	06144008
BC LL	0.0	PSF	HC-ENG	DF/AF	
TOT.LD.	40.0	PSF	SEQN-	104962	
DUR.FAC.	1.25				
SPACING	SEE ABOVE		JREF-	1SXG487_Z01	

PLT TYP. Wave

ALPINE

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

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Top chord 2x4 SP #2 Dense :T5 2x6 SP #2:
:T6 2x6 SP #1 Dense:
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W10, W15, W18 2x4 SP #2 Dense:

SPECIAL LOADS

(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)

TC - From	63 PLF at 2.00 to	63 PLF at 14.36
TC - From	61 PLF at 14.36 to	61 PLF at 32.35
TC - From	63 PLF at 32.35 to	63 PLF at 33.90
TC - From	193 PLF at 33.90 to	227 PLF at 39.61
TC - From	225 PLF at 39.61 to	257 PLF at 45.00
BC - From	5 PLF at 2.00 to	5 PLF at 0.00
BC - From	20 PLF at 0.00 to	20 PLF at 35.15
BC - From	20 PLF at 35.15 to	20 PLF at 45.00

(A) Continuous lateral bracing equally spaced on member. Or 2x8 SP #3 or better "I" brace. 80% length of web member. Attached with 16d Box or Gun (0.135"x3.5", min.) nails @ 6" OC.

THE BUILDING DESIGNER SHALL EVALUATE AND APPROVE LOAD MAGNITUDES AND LOCATIONS AS SHOWN ("SPECIAL LOADS"). TRUSS ENGINEER & FABRICATOR ARE NOT RESPONSIBLE FOR LOAD MAGNITUDES AND LOCATIONS.

LATERALLY BRACE BOTTOM CHORD ABOVE FILLER AT 24" O.C. INCLUDING A LATERAL BRACE AT CHORD ENDS.

Right end vertical not exposed to wind pressure.

Calculated horizontal deflection is 0.12" due to live load and 0.21" due to dead load.

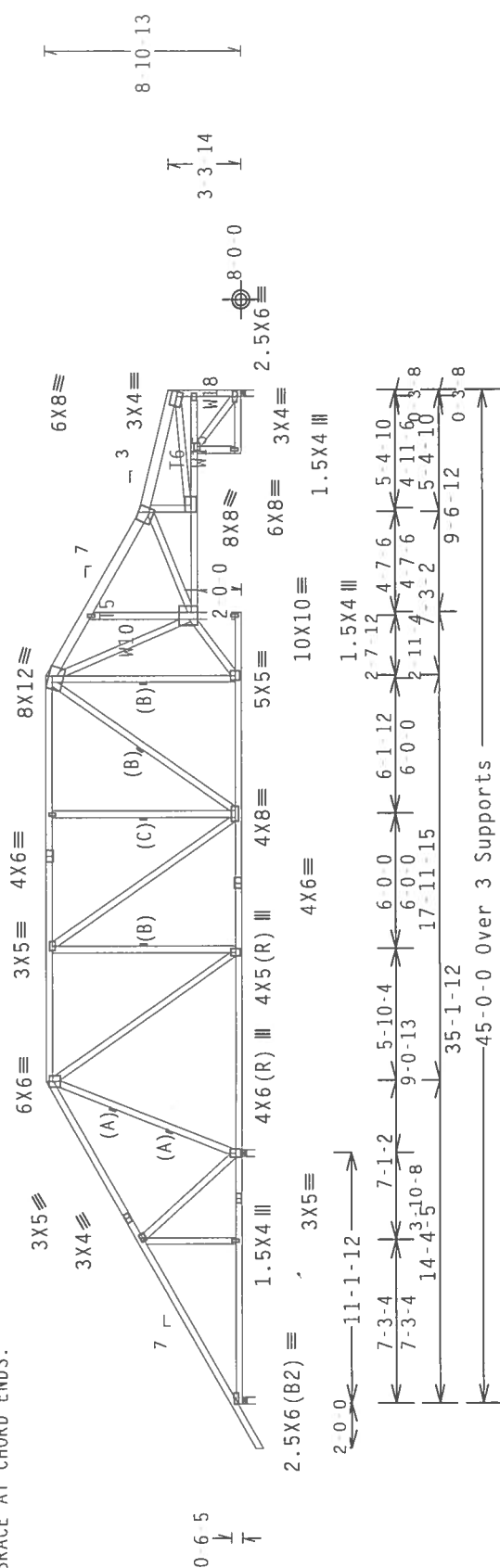
(C) Continuous lateral bracing equally spaced on member. Or 1x4 SP #3 or better "I" brace. 80% length of web member. Attached with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" OC.

(B) Continuous lateral bracing equally spaced on member. Or 2x4 SP #3 or better "I" brace. 80% length of web member. Attached with 16d Box or Gun (0.135"x3.5", min.) nails @ 6" OC.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

1.5X4 III 1.5X4 III

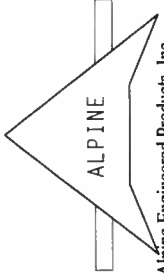


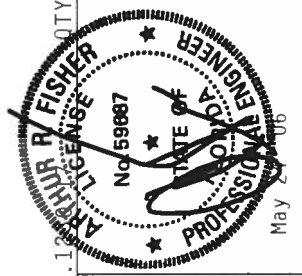
R=45 U=180 W=3.5" R=2858 U=306 W=3.5" R=2724 U=291 W=3.5"

Design Crit: TPI-2002 (STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.10

PLT TYP. Wave

Scale = .125"/Ft.

 ALPINE Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844 FL Certificate of Authorization # 567	PLT TYP. Wave			Design Crit: TPI-2002 (STD)/FBC Cq/RT=1.00(1.25)/10(0) 7.24.10			Quantity: 1			FL/-/4/-/R/-			REF R487 - 57265		
	R=45 U=180 W=3.5" R=2858 U=306 W=3.5" R=2724 U=291 W=3.5"			TC LL 20.0 PSF			TC DL 10.0 PSF			DATE 05/24/06			DRW HCUR487 06144009		
	R=45 U=180 W=3.5" R=2858 U=306 W=3.5" R=2724 U=291 W=3.5"			BC DL 10.0 PSF			BC LL 0.0 PSF			HC-ENG DF/AF			SEQN - 104943		
	R=45 U=180 W=3.5" R=2858 U=306 W=3.5" R=2724 U=291 W=3.5"			TGT.LD. 40.0 PSF			DUR.FAC. 1.25			SEE ABOVE			JREF - 1SX6487_Z01		
	R=45 U=180 W=3.5" R=2858 U=306 W=3.5" R=2724 U=291 W=3.5"			SPACING			SEE ABOVE								
	R=45 U=180 W=3.5" R=2858 U=306 W=3.5" R=2724 U=291 W=3.5"														
	R=45 U=180 W=3.5" R=2858 U=306 W=3.5" R=2724 U=291 W=3.5"														



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO TPI-2002 (STD) (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 MADISON 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 NDS (NATIONAL DESIGN SPEC. BY AIA/ASA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018 T6 ALUMINUM (4-N/5X3) WITH A638 GRADE 40/60 (M, K/1.5) GALV. SHEET PILING. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

Top chord 2x4 SP #2 Dense :T5, T6 2x6 SP #2:
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W15 2x4 SP #2 Dense:
Lt Wedge 2x4 SP #3:

SPECIAL LOADS

- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
- TC - From 63 PLF at 2.00 to 63 PLF at 14.36
 - TC - From 61 PLF at 14.36 to 61 PLF at 32.35
 - TC - From 63 PLF at 32.35 to 63 PLF at 33.90
 - TC - From 193 PLF at 33.90 to 227 PLF at 39.61
 - TC - From 225 PLF at 39.61 to 257 PLF at 45.00
 - BC - From 5 PLF at 2.00 to 5 PLF at 0.00
 - BC - From 20 PLF at 0.00 to 20 PLF at 45.00

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

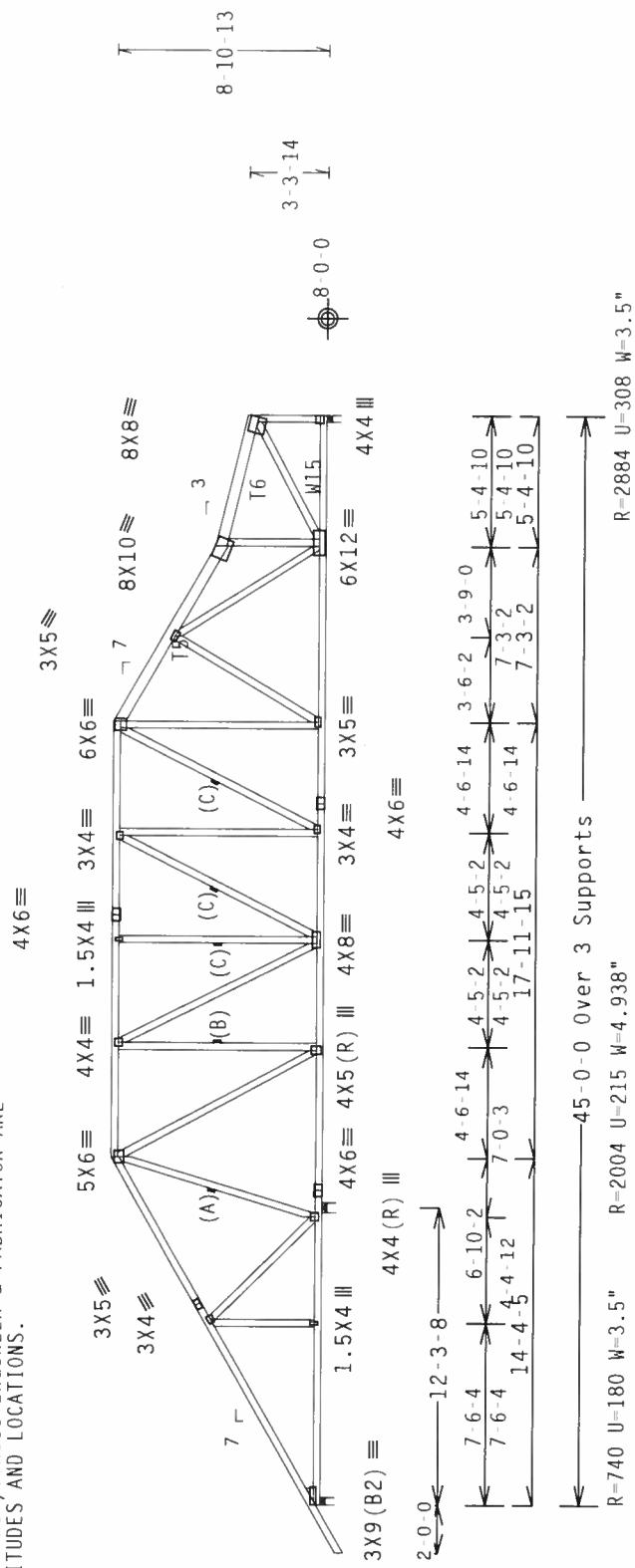
THE BUILDING DESIGNER SHALL EVALUATE AND APPROVE LOAD MAGNITUDES AND LOCATIONS AS SHOWN ("SPECIAL LOADS"). TRUSS ENGINEER & FABRICATOR ARE NOT RESPONSIBLE FOR LOAD MAGNITUDES AND LOCATIONS.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

- (C) Continuous lateral bracing equally spaced on member. Or 1x4 SP #3 or better "I" brace. 80% length of web member. Attached with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.
- (B) Continuous lateral bracing equally spaced on member. Or 2x4 SP #3 or better "I" brace. 80% length of web member. Attached with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" OC.
- (A) Continuous lateral bracing equally spaced on member. Or 2x6 SP #3 or better "I" brace. 80% length of web member. Attached with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" OC.

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.



PLT TYP. Wave

Design Crit: TPI-2002 (STD) / FBC

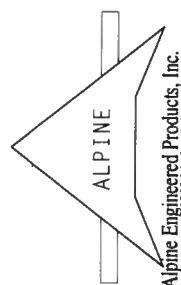
Cq/RT=1.00(1.25)/10(0) 7.24.12

QTY:1

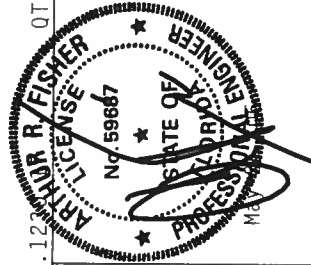
FL/-4/-/-R/-

Scale = .125"/Ft.

TC LL	20.0 PSF	REF	R487 --	57267
TC DL	10.0 PSF	DATE	05/24/06	
BC DL	10.0 PSF	DRW	HCUSR487	06144032
BC LL	0.0 PSF	HC-ENG	DF/AF	
TOT.LD.	40.0 PSF	SEQN	104989	
DUR.FAC.	1.25			
SPACING	SEE ABOVE	JREF	1SXG487_Z01	



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



ALPINE ENGINEERED PRODUCTS, INC. SUBMITTER OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE SPECIFICATIONS OR FABRICATING HANDLING INSTRUCTIONS SHALL BE THE RESPONSIBILITY OF THE SUBMITTER. THE BUILDING DESIGNER SHALL EVALUATE AND APPROVE LOAD MAGNITUDES AND LOCATIONS AS SHOWN ("SPECIAL LOADS"). TRUSS ENGINEER & FABRICATOR ARE NOT RESPONSIBLE FOR LOAD MAGNITUDES AND LOCATIONS.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

(A) #3 or better scab brace. Same size & 80% length of web member. Attach with 10d Box or Gun (0.128"x3", min.) nails @ 6" OC.

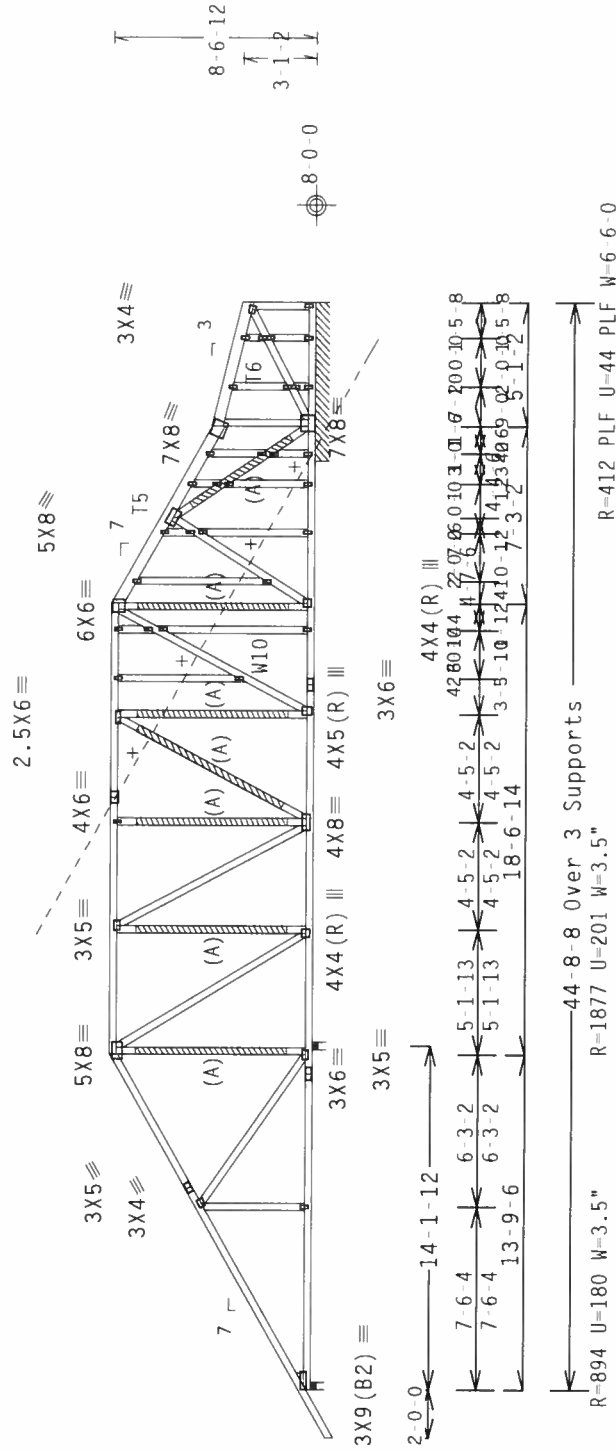
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

+ Laterally brace for horizontal wind loads.
Bracing system to be designed and furnished by others.



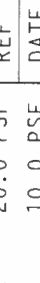
Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

2025-11-14 11:41:11 - R/

Scale = 125"/Ft



ALPINE Engineered Products, Inc.
 1950 Marley Drive
 Gaines City, FL 32644

FL Certificate of Authorization # 567

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLATION AND BRACING. REFER TO BC31 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 543 D'ORFORD 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 IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES. DESIGN CONFLICTS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC, BY AISC) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/T666 (H-H/S/K) ASTM A653 GRADE 40/60 (H, 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 AMEAS 3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



May 21, 2010

TC LL	20.0	PSF	REF R487--	57268
TC DL	10.0	PSF	DATE	05/24/06
BC DL	10.0	PSF	DRW HCUSR487	06144033
BC LL	0.0	PSF	HC-ENG DF/AF	
TOT.LD.	40.0	PSF	SEQN-	105039
DUR.FAC.	1.25			
SPACING	SEE ABOVE		JREF -	1SXG487_Z01

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

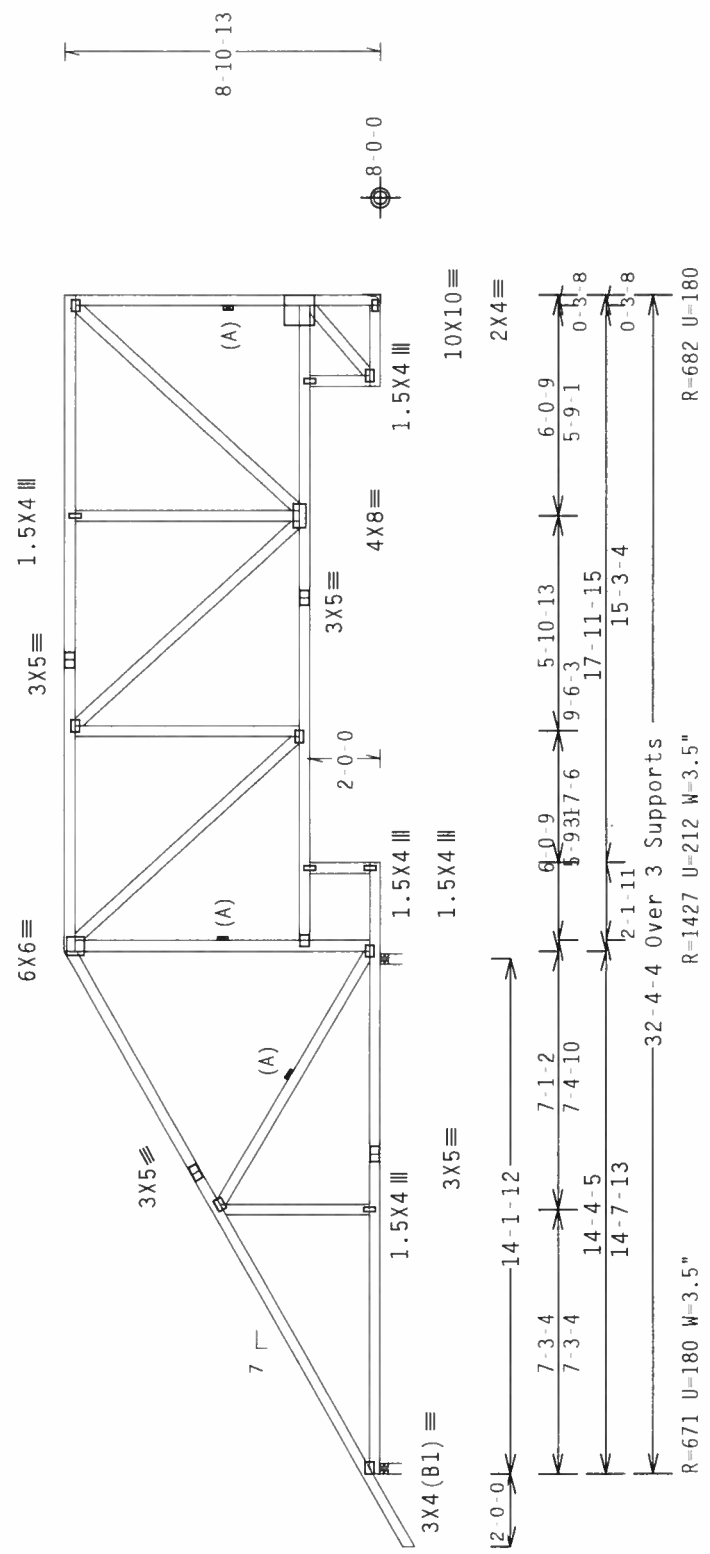
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP 8, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

Right end vertical not exposed to wind pressure.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

LATERALLY BRACE BOTTOM CHORD ABOVE FILLER AT 24" O.C., INCLUDING A LATERAL BRACE AT CHORD ENDS.



Note: All Plates Are 3x4 Except As Shown.

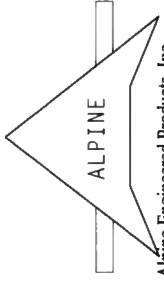
Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.1230 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

TC LL	20.0 PSF	REF	R487 --	57269
TC DL	10.0 PSF	DATE	05/24/06	
BC DL	10.0 PSF	DRW	HCUSR487	06144011
BC LL	0.0 PSF	HC-ENG	DF/AF	
TOT.LD.	40.0 PSF	SEQN	104879	
DUR.FAC.	1.25			
SPACING	24.0"	JREF	1SXG487_Z01	

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA) AND TPI. APPLY CONNECTOR PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, LOCATE THE POSITION PER DRAWING. ADD 2. 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 AIA) AND TPI. APPLY CONNECTOR PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, LOCATE THE POSITION PER DRAWING. ADD 2. 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
FL Certificate of Authorization # 567

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Stack Chord SC1 2x4 SP #2 Dense:
:Stack Chord SC2 2x4 SP #2 Dense:

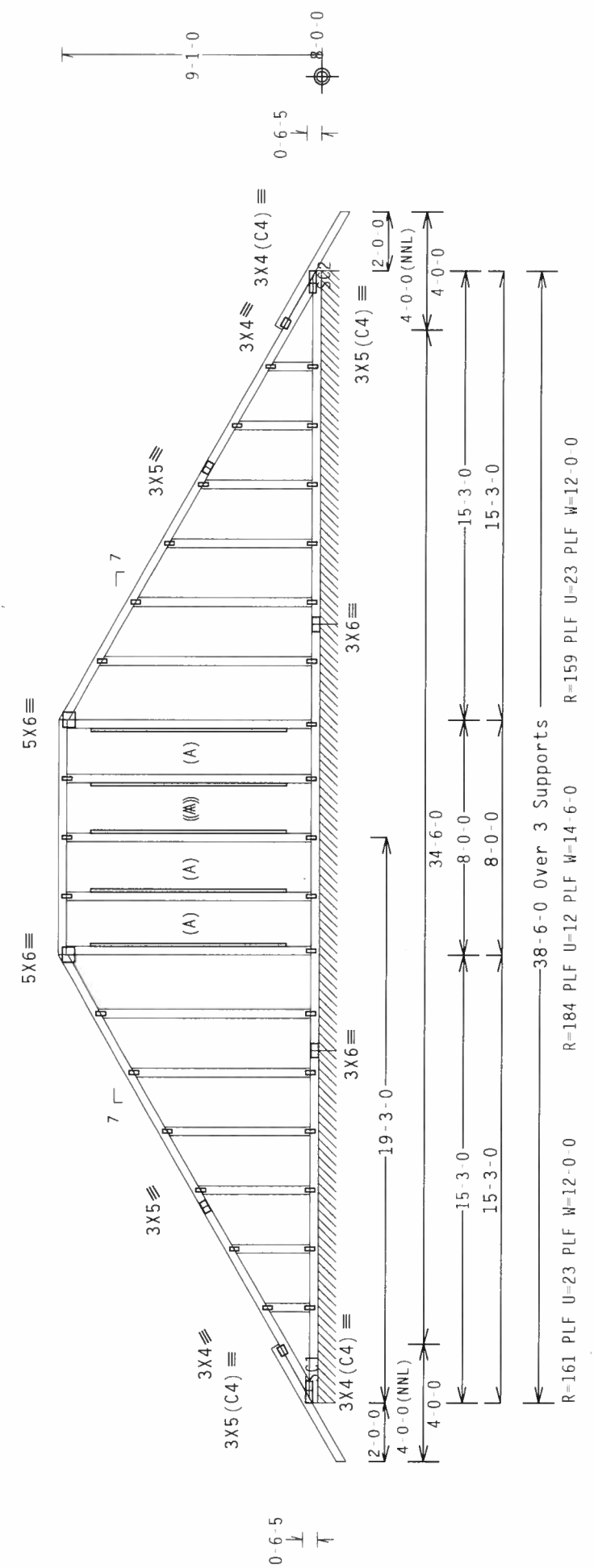
See DWGS A11015EE0405 & GBLLETIN0405 for more requirements.

(A) 1x4 SP #3 or better "L" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" OC.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf.
Gable end supports 8" max rake overhang.
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

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

7.24.12

Scale = .1875"/Ft.

****WARNING**** TRUSSES BEARING EXTERNAL LOADS IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO RES 1.0 (BUILDING COMPONENT SAFETY) AND RES 1.1 (TRUSS SAFETY) FOR ADDITIONAL INFORMATION. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE BUILDING DESIGNER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE BUILDING. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE BUILDING DESIGNER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE BUILDING.

****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)/FBC OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI-2002(STD)/FBC. CONECTOR PLATES ARE MADE OF 2017/18/19GA (M/J/S/Z) ASH/ALUMINUM GRADE 40/60 (M. K/H-S) GALV. STEEL. APPLY ANY INSPECTION OF PLATES FOLLOWED BY THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE TRUSS COMPONENTS DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

ARTHUR R. FISHER
LICENSE
No. 59887
STATE OF FLORIDA
Professional Engineer
May 1988

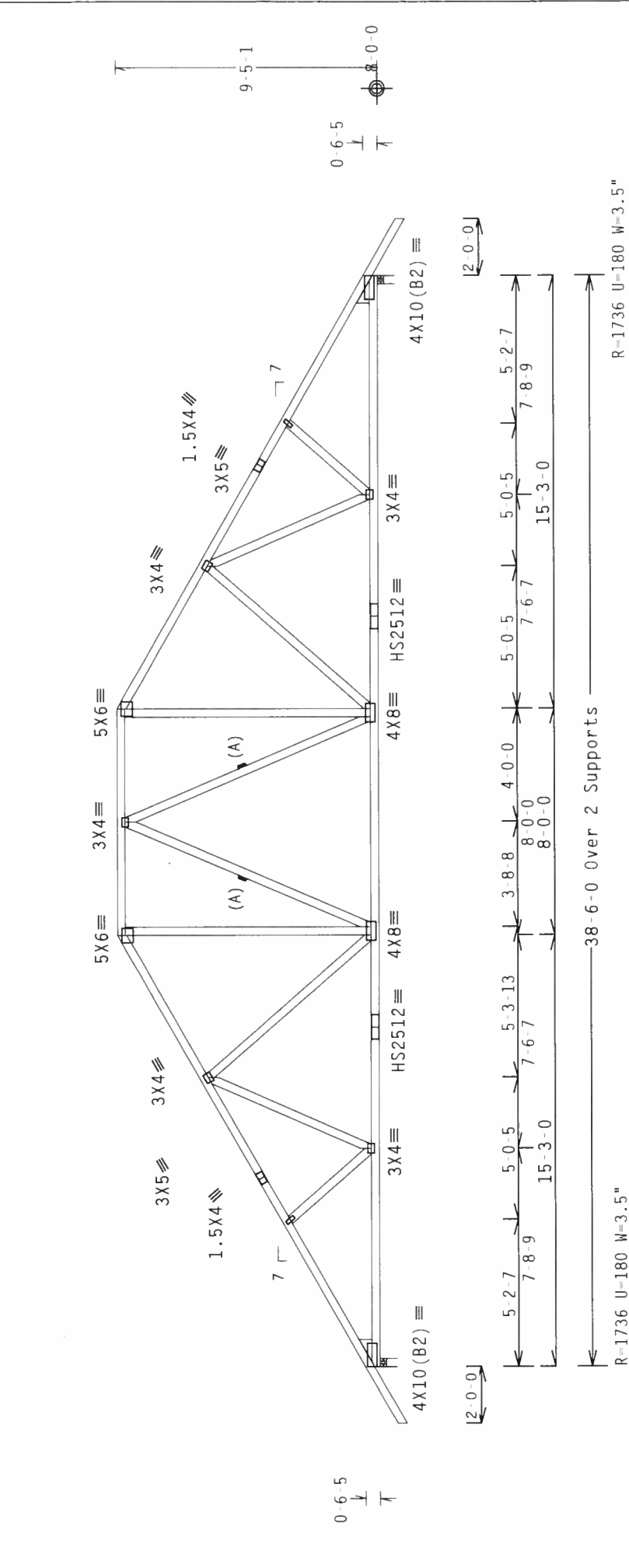
TC LL	20.0 PSF	FL/-4/-/-/R/-	REF	R487--	57270
TC DL	10.0 PSF		DATE	05/24/06	
BC DL	10.0 PSF		DRW	HCUSR487	06144012
BC LL	0.0 PSF		HC-ENG	DF/AF	
TOT.LD.	40.0 PSF		SEQN	105014	
DUR.FAC.	1.25				
SPACING	SEE ABOVE		JREF	1SXG487_Z01	

(6 207 - Jonathan Perry ** - B2)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
Lt Wedge 2x6 SP #2::Rt Wedge 2x6 SP #2:
in lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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.

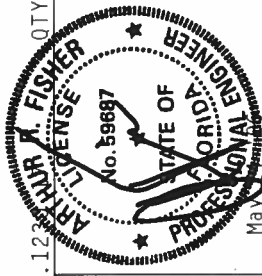
(A) Continuous lateral bracing equally spaced on member. Or 2x4 SP #3 or better "I" brace. 80% length of web member. Attached with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" OC.



PLT TYP. 20 Gauge HS, Wave

Design Crit: TPI-2002 (STD) / FBC
Cq/RT=1.00(1.25)/10(0) 7.24.12

Scale = .1875" / Ft.



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

TC LL	20.0 PSF	FL / - / 4 / - / R / -	REF R487 - - 57271
TC DL	10.0 PSF		DATE 05/24/06
BC DL	10.0 PSF		DRW HCUSR437 06144001
BC LL	0.0 PSF		HC-ENG DF / AF *
TOT.LD.	40.0 PSF		SEQN- 104701
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1SX6487_Z01

PLT TYP. 20 Gauge HS, Wave

Design Crit: TPI-2002 (STD) / FBC
Cq/RT=1.00(1.25)/10(0) 7.24.12

Scale = .1875" / Ft.

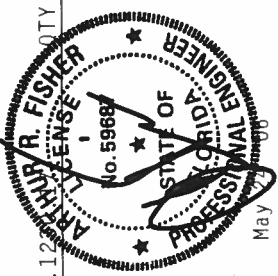
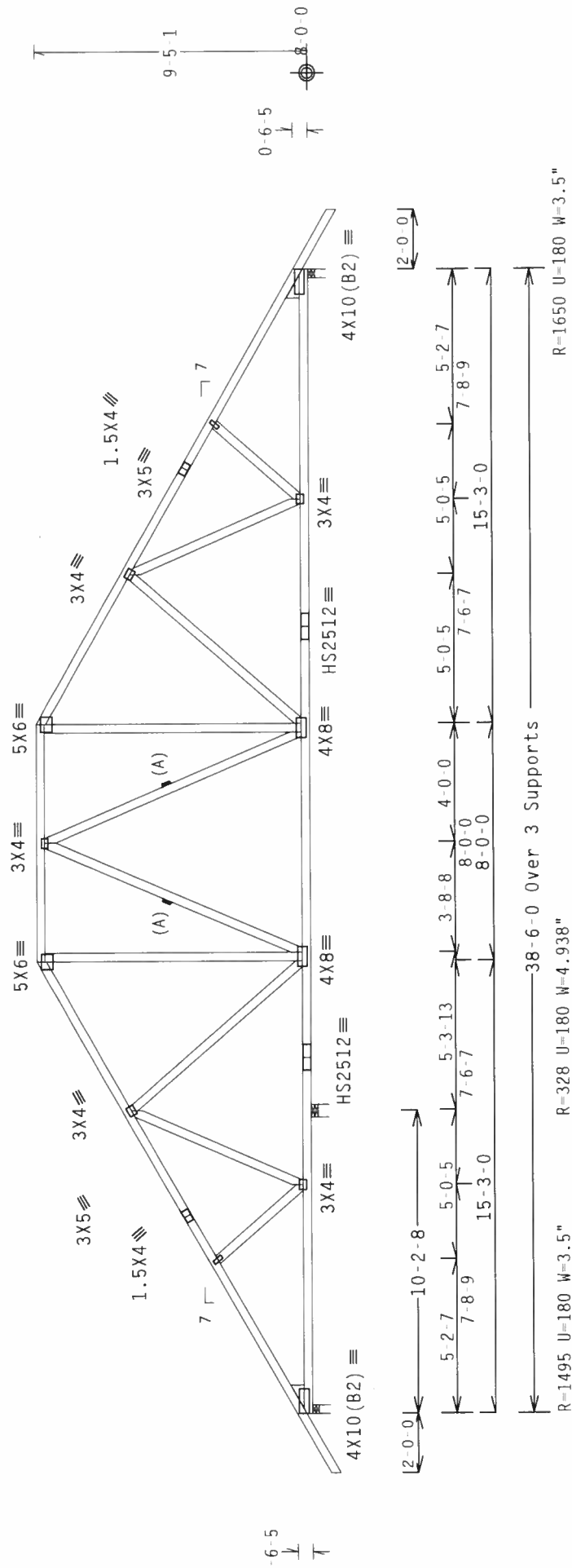
ALPINE
Engineered Products, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

FL Certificate of Authorization # 567

(6 207 Jonathan Perry *** B5)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Lt Wedge 2x6 SP #2::Rt Wedge 2x6 SP #2:
In lieu of structural panels or rigid ceiling use purlins to brace TC @
24" OC, BC @ 24" OC.
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.
(A) Continuous lateral bracing equally spaced on member. Or 2x4 SP #3
or better "I" brace. 80% length of web member. Attached with 16d Box
or Gun (0.135"x3.5", min.) nails @ 6" OC.

Deflection meets L/360 live and L/240 total load. Creep increase factor
for dead load is 1.50.



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES FOR TRUSS FABRICATION AND BRACING. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AFAPA) AND TPI:1. ALPINE CONNECTION PLATES ARE MADE OF 2018/T1000 (W/J/57K) ASTM A553 GRADE 40/60 (W, F/415) GRADE 40/60 (W, F/415) FOR PER DRAMINGS 100A, Z. PLATES TO EACH FACE OF CHORDS AND WEBS SHALL BE PER ANCHOR A3 OF TPI:2002 SEC. 3. THE SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEER PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AFAPA) AND TPI:1. ALPINE CONNECTION PLATES ARE MADE OF 2018/T1000 (W/J/57K) ASTM A553 GRADE 40/60 (W, F/415) GRADE 40/60 (W, F/415) FOR PER DRAMINGS 100A, Z. PLATES TO EACH FACE OF CHORDS AND WEBS SHALL BE PER ANCHOR A3 OF TPI:2002 SEC. 3. THE SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

PLT TYP. 20 Gauge HS, Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.12

Scale = .1875"/Ft.

REF R487-- 57274
DATE 05/24/06
DRW HCUR487 06144015
HC-ENG DF/AF
SEON- 104695
JREF- 1SXG487_Z01

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

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d Common (0.148"x3.25", min.) nails)

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

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

Doc Chord: 1 Row @ 12.00 0.0
Webs : 1 Row @ 4" 0.0 c.c.

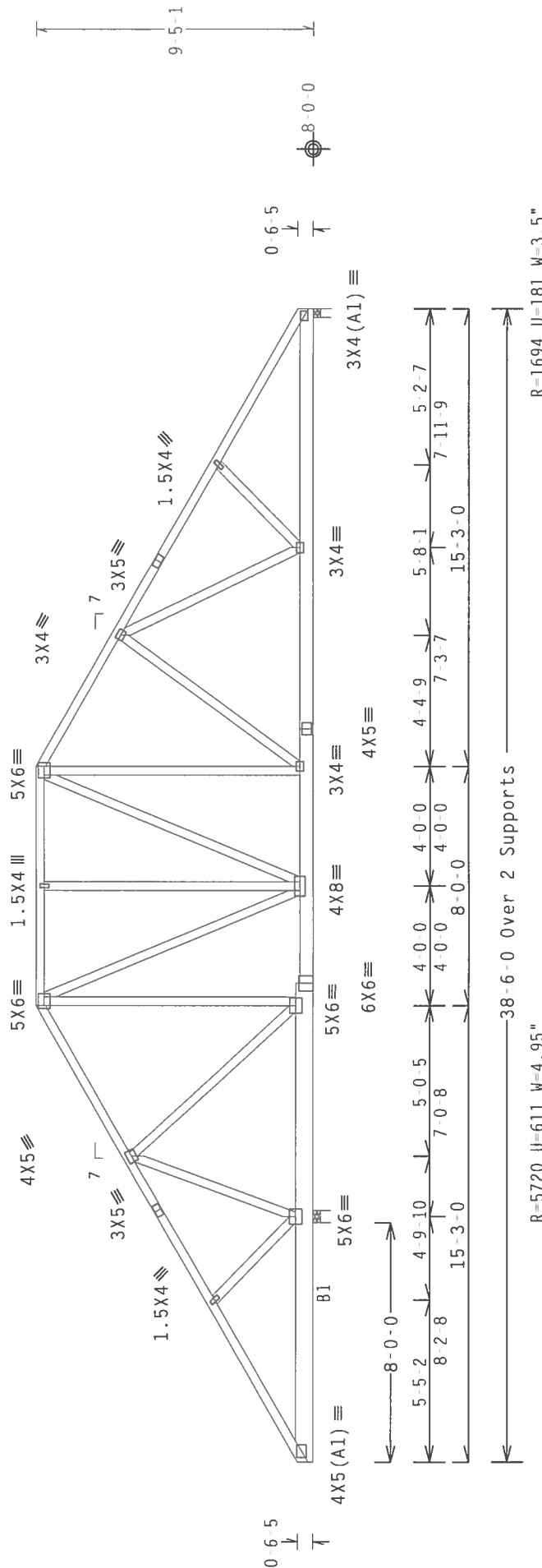
Use equal spacing between rows and stagger nails in each row to avoid splitting.

THE

In lieu of structural panels or rigid ceiling use purlins to brace TC @

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

NOTE: THIS TRUSS MUST BE INSTALLED AS SHOWN. IT CAN NOT BE FLIPPED END FOR END.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

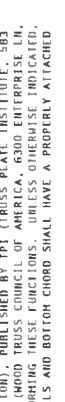
 $Cq/RT=1.00(1.25)/10(0)$

QTY:1 FL/-/4/-/-/R/-

Scale = .1875"/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 OGDON 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. THE CONTRACTOR SHALL NOT BE RESPONSIBLE FOR ANY MODIFICATION FROM THIS DESIGN. ANY FAILURE TO BUILDING DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF ADOPTED DESIGN SPEC. (BY ALPINE) AND TPI (ALPINE) CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/S) ASTM A653 GRADE 40/60 (W/ H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A.2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A.3 OF TPII-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SOLEABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEX C.1 SEC. 2.



ALPINE

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

TPI Certificate of Authorization # 567

REF	R487--	57275	TC LL	20.0	PSF
DATE	05/24/06		TC DL	10.0	PSF
DRW	HCUSR487	06144034	BC DL	10.0	PSF
HC	ENG DF/AF		BC LL	0.0	PSF
SEQN	105008		TOT. LD.	40.0	PSF
			DUR. FAC.	1.25	
JREF	1SXG487_Z01		SPACING	SEE ABOVE	

Top chord 2x4 SP #2 Dense :T3, T4, T5 2x6 SP #1 Dense :
Bot chord 2x8 SP SS
Webs 2x4 SP #3

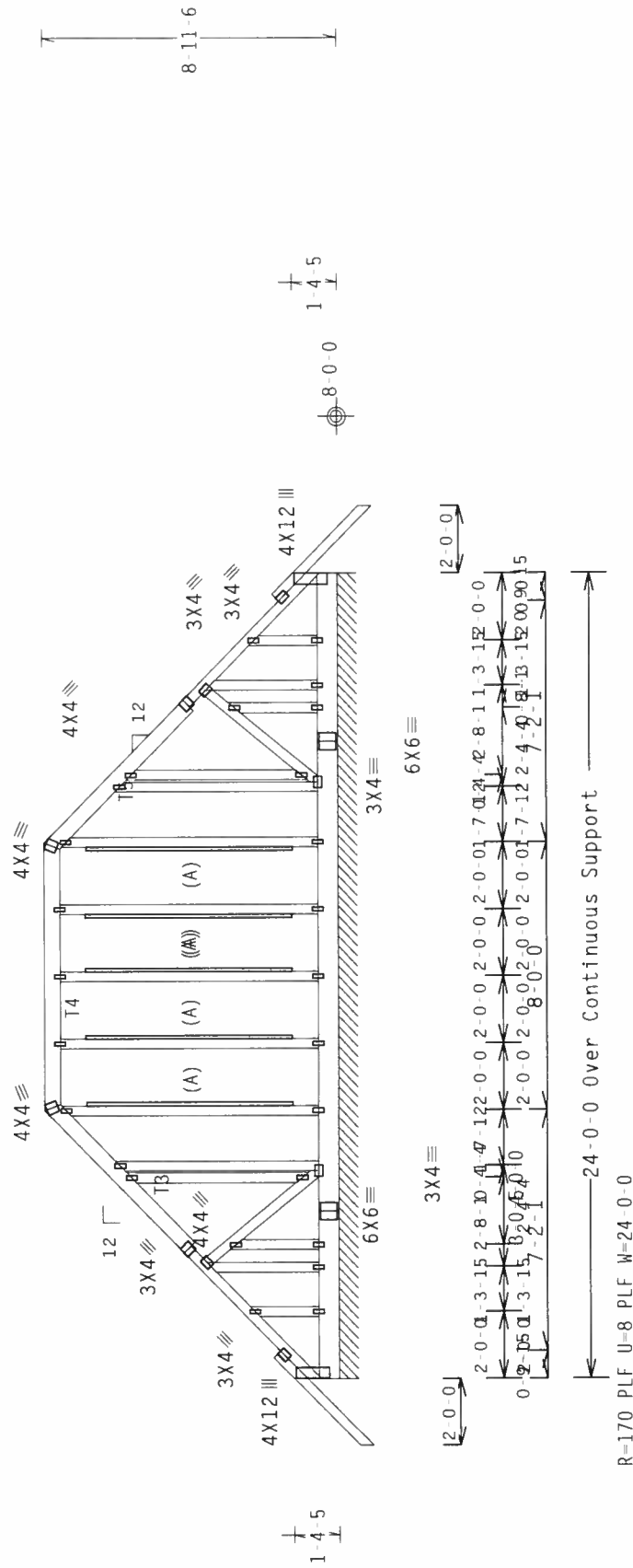
110 mph wind, 15.00 ft mean hgt., ASCE 7-02, CLOSED bldg., Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) 1x4 #3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" OC.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

BC attic room floor loading: LL = 40.00 psf; DL = 10.00 psf; from 6-6-0 to 17-6-0.

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 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

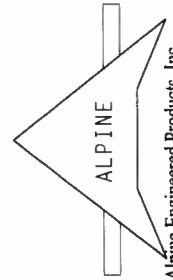
PLT TYP. Wave

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

Scale = .1875"/Ft.

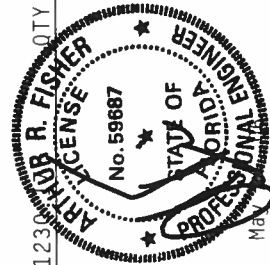
*****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESS 1-03 (BUILDING COMPONENT SAFETY INFORMATION), WHICH MAY BE OBTAINED FROM THE BSSA OFFICE, 1000 UNIVERSITY AVENUE, SUITE 100, CHICAGO, IL 60607-7242, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, ALL CHORDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED TOP CHORD SETTING.

****IMPORTANT**** TURN A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE CONTRACTOR SHALL NOT BE RESPONSIBLE FOR THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TP1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & IMPACTING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MOD (NATIONAL DESIGN SPEC. FOR STEEL) AND AISC (DESIGN OF STEEL CONNECTIONS). THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE APPLICATION OF THE TRUSS TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY PLATES TO BE APPLIED TO TP1 SHALL BE PER ANGLE A3 OF TP1 2002 SEC. 3. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE DESIGN OF THE BUILDING DESIGNER (PER ANGLE A3 OF TP1 2002 SEC. 2). THE CONTRACTOR FOR THIS BUILDING IS THE RESPONSIBLE PARTY FOR THE BUILDING DESIGNER (PER ANGLE A3 OF TP1 2002 SEC. 2).



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El Certificate of Authorization # 567

3

JREF- 1SXG487 Z01

SPACING 24.0"

Top chord 2x6 SP #1 Dense :T1, T5 2x4 SP #2 Dense:

Bot chord 2x8 SP #3
Webs 2x4 SP #3

Calculated horizontal deflection is 0.08" due to live load and 0.21" due to dead load.

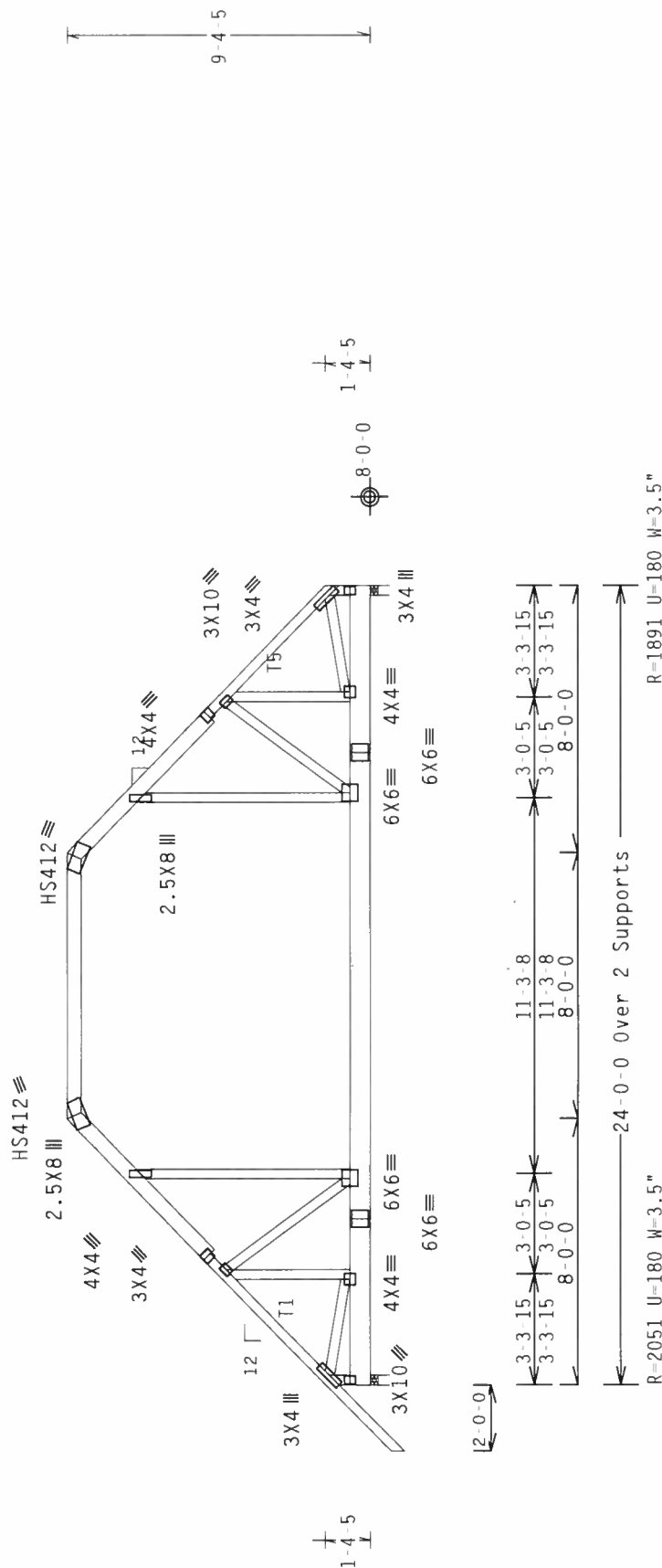
Collar-tie braced with continuous lateral bracing at 24" OC. or rigid ceiling.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

BC attic room floor loading: LL = 40.00 psf; DL = 10.00 psf; from 6-6-0 to 17-6-0.



PLT TYP. 20 Gauge HS. Wave

Design Crit: TPI-2002(STD)/FBC

[illegible][illegible]

Alpine Engineered Products, Inc.
1950 Marley Drive

1750 Nancy Drive
Haines City, FL 33844

FL Certificate of Authorization # 567

QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

QTY:1 FL/-/4/-/-/R/-/

REF B487 - - 57277

DATE	05/09/00
TIME	1400

DATE 05/24/06

DRW HCUSR487 06144016

HC-ENG DF/AF

CEON 10479A

CEQN- 104/04

JREF- 1SXG487_Z01

(6 207 - Jonathan Perry Perry **, ** - C3)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W11 2x6 SP #1 Dense:

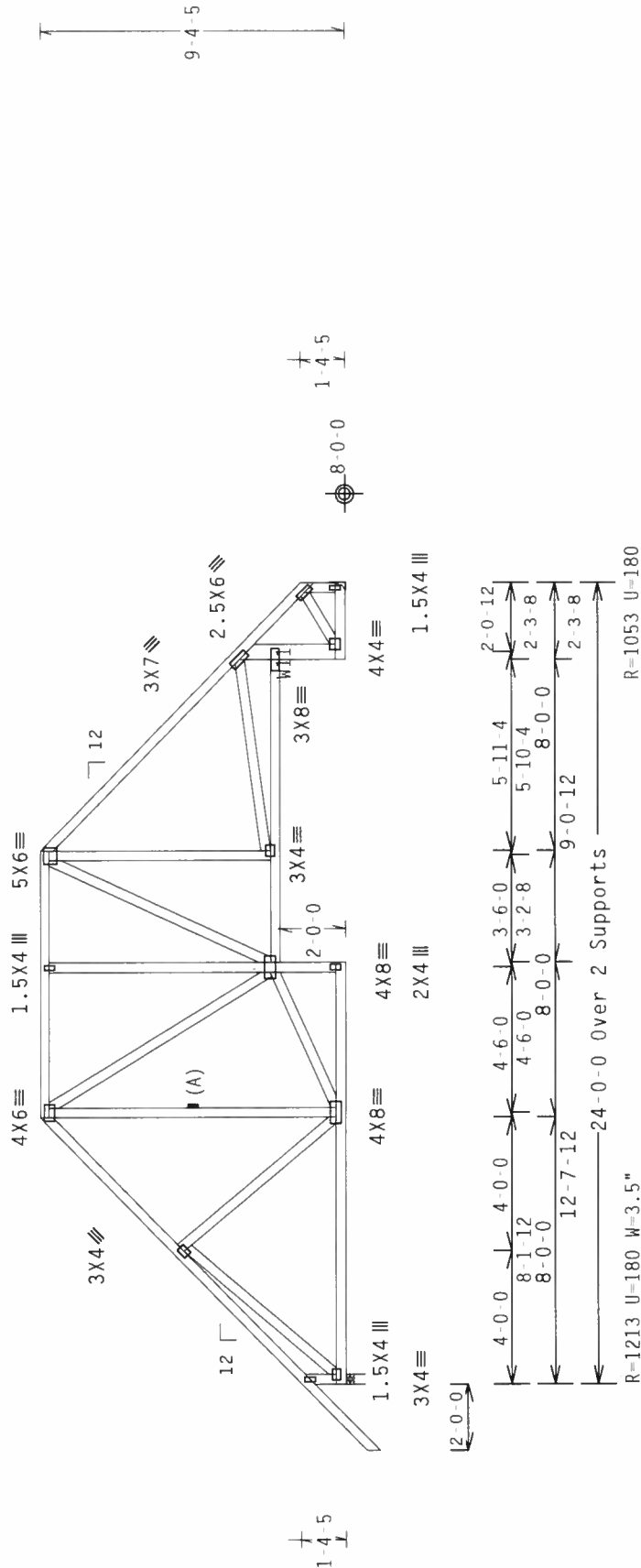
Calculated horizontal deflection is 0.12" due to live load and 0.21" due to dead load.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

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

(A) Continuous lateral bracing equally spaced on member. Or 1x4 SP #3 or better "I" brace. 80% length of web member. Attached with 8d Box or Gun (0.113"x2.5".min.)nails @ 6" OC.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



PLT TYP. Wave

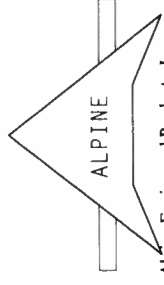
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.10

Scale = .1875"/Ft.

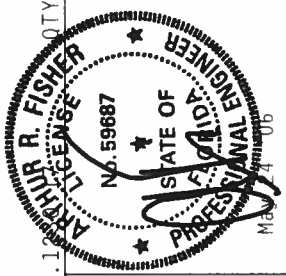
TC LL	20.0 PSF	REF	R487 - 57278
TC DL	10.0 PSF	DATE	05/24/06
BC DL	10.0 PSF	DRW	HCUSR487 06144017
BC LL	0.0 PSF	HC-ENG	DF/AF
TOT.LD.	40.0 PSF	SEQN	104724
DUR.FAC.	1.25		
SPACING	24.0"	JREF	1SX6487_Z01

****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), 563 MONROVIA DRIVE, SUITE 200, FARMINGTON, CT 06031, FOR MORE INFORMATION. THESE TRUSSES ARE DESIGNED TO BE USED IN CONFORMANCE WITH THE TPI DESIGN SPECIFICATIONS. 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 BDS (NATIONAL DESIGN SPEC. BY AIAA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/T6GA (4-N/5)K7 ASTM A653 GRADE 40/60 (4-N/5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS T6GA-2. ANY INSPECTION OF PLATES FOLLOWING INSTALLATION SHALL BE THE RESPONSIBILITY OF THE TRUSS COMPONENT INSPECTOR. THE DESIGNER SHALL BE RESPONSIBLE FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

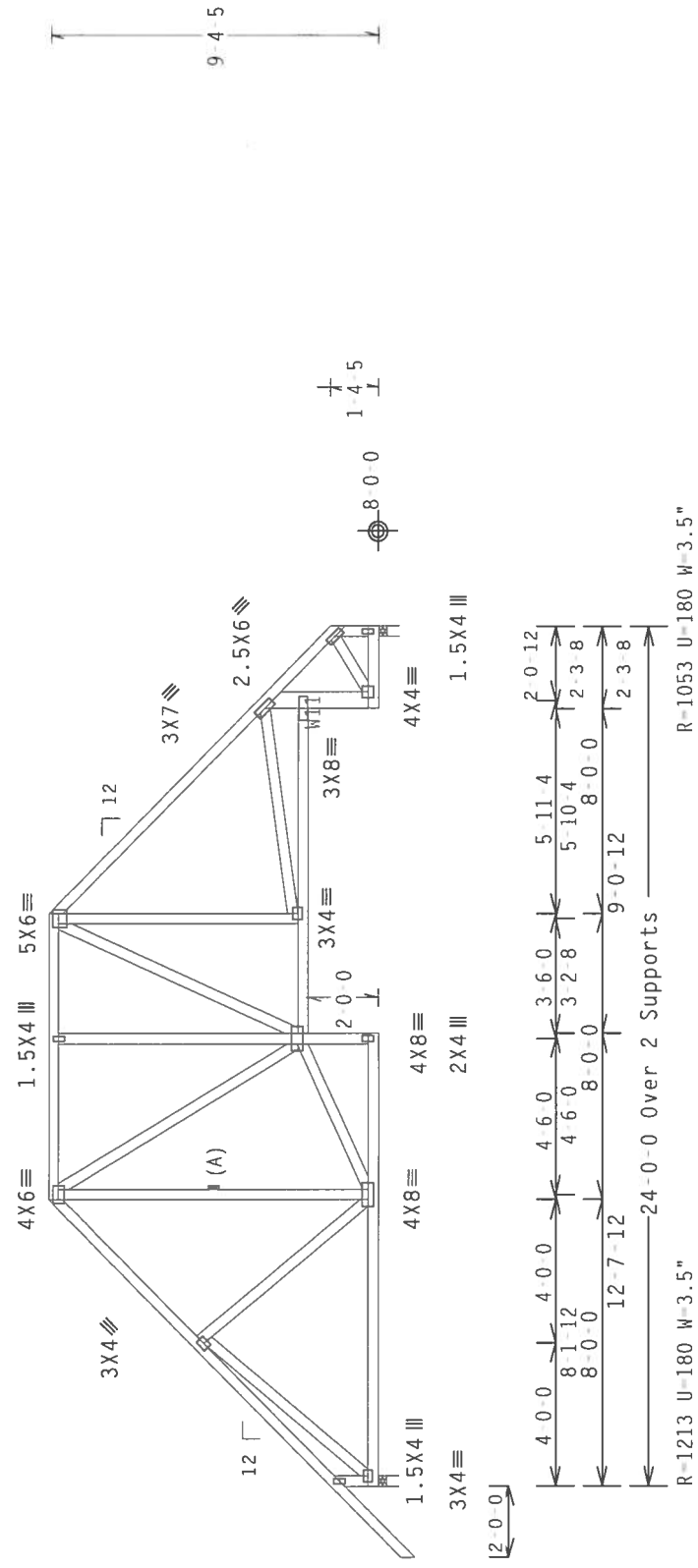


Alpine Engineered Products, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567



Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 : W11 2x6 SP #1 Dense:
Calculated horizontal deflection is 0.12" due to live load and 0.21" due to dead load.
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.
(A) Continuous lateral bracing equally spaced on member. Or 1x4 SP #3 or better "T" brace. 80% length of web member. Attached with 8d Box or Gun (0.113"x2.5".min.)nails @ 6" OC.
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



PLT TYP. Wave

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

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.12

Scale = .1875" / Ft.

TC LL	20.0 PSF	REF	R487 --	57279
TC DL	10.0 PSF	DATE	05/24/06	
BC DL	10.0 PSF	DRW	HCUSR487	06144018
BC LL	0.0 PSF	HC-ENG	DF/AF	
TOT.LD.	40.0 PSF	SEQN	104719	
DUR.FAC.	1.25			
SPACING	24.0"	JREF	1SXG487	Z01

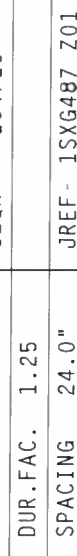
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 D'AMORE DR., SUITE 200, MADISON, WI 53719), AND METAL BUILDING INSTITUTE (MBI), 10000 W. 16TH AVE., SUITE 100, DENVER, CO 80202, 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 AIAA (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.

ANY INSPECTION OF TRUSSES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC.3. A SEAL OR THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE
R. FISHER
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
May 24 '06

Haines City, FL 33844
FL Certificate of Authorization # 567



Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Calculated horizontal deflection is 0.14" due to live load and 0.37" due to dead load.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

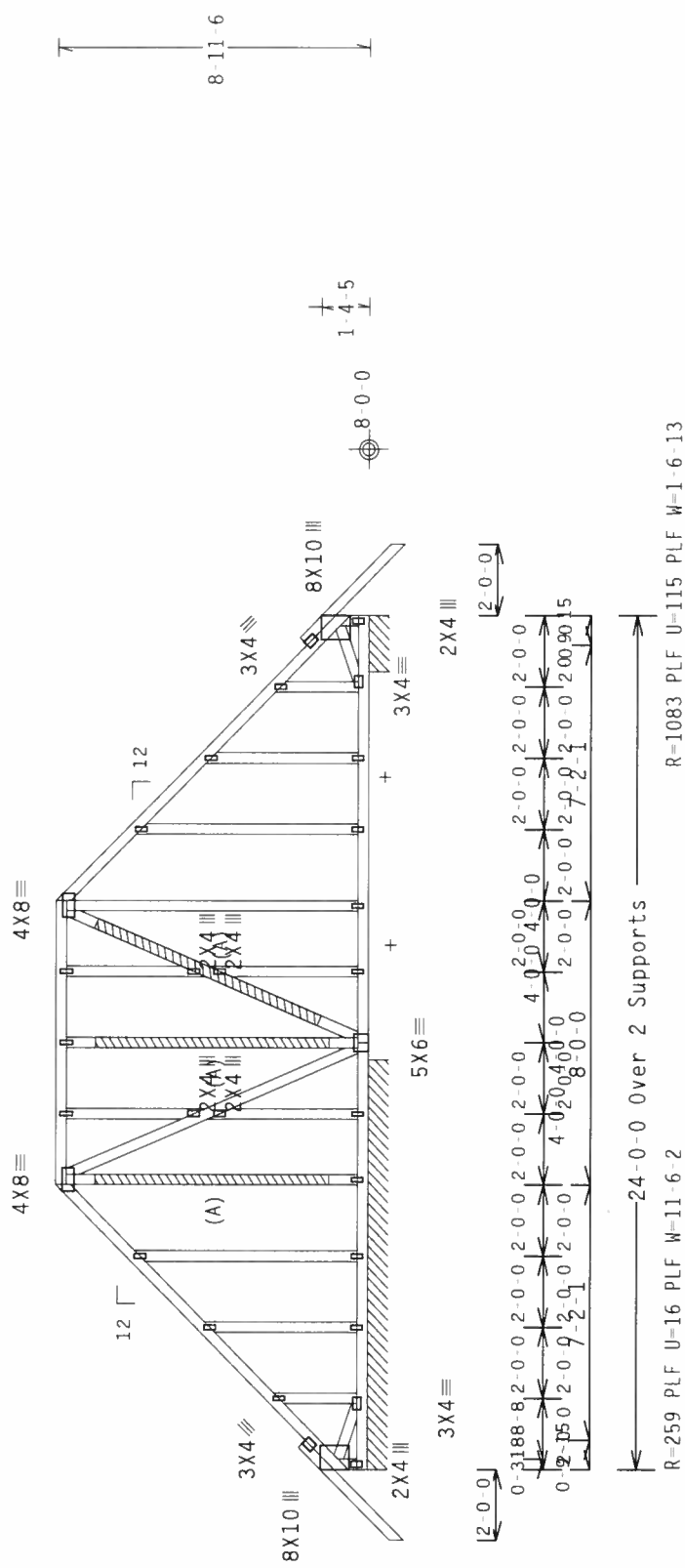
+ MEMBER TO BE LATERALLY BRACED FOR WIND LOADS PERPENDICULAR TO TRUSS. BRACING SYSTEM TO BE DESIGNED AND FURNISHED BY OTHERS.

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

(A) #3 or better scab brace. Same size & 80% length of web member. Attach with 10d Box or Gun (0.128"x3",min.)nails @ 6" OC.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.12

PLT TYP. Wave

ALPINE

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

****WARNING**** TRUSSES REQUIRE EXTERIOR CORP. IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RES 1.03 (BUILDING COMPONENT SAFETY INFORMATION). TRUSSES MUST BE USED IN ACCORDANCE WITH THE 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.

****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 THIS (NATIONAL DESIGN SPEC. BY AIA) AND TPI. ALPINE APPLIES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, ALL PLATES SHALL BE APPLIED TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, ALL PLATES SHALL BE APPLIED TO EACH FACE OF TRUSS. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANSI A3 OF TPI 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

QTY: 1

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

Scale = .1875"/Ft.

REF	R487 -- 57281
DATE	05/24/06
DRW	HCUSR487 06144037
HC-ENG	DF/AF
SEQN	104770 REV
JREF	1SXG487_Z01

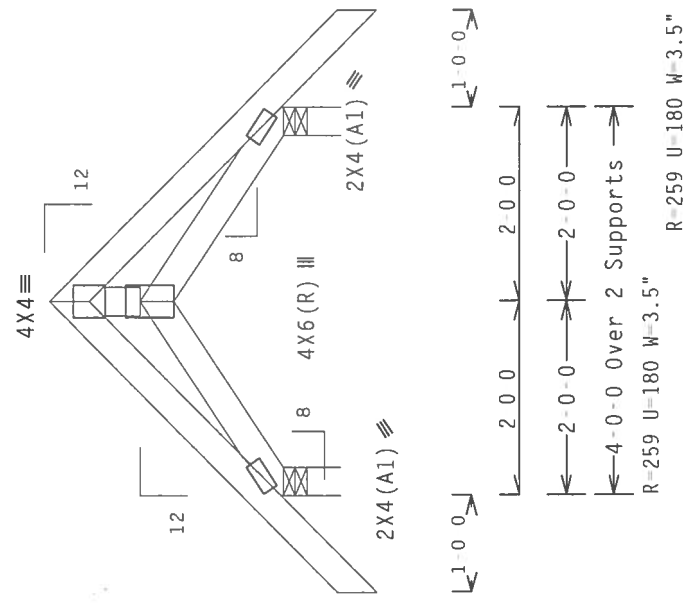
(6 207 - Jonathan Perry Perry - ** - DI)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

110 mph wind, 17.93 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. Creep increase factor for dead load is 1.50.



PLT TYP. Wave
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.12 QTY:1 FL/-/4/-/R/- Scale =.5"/Ft.

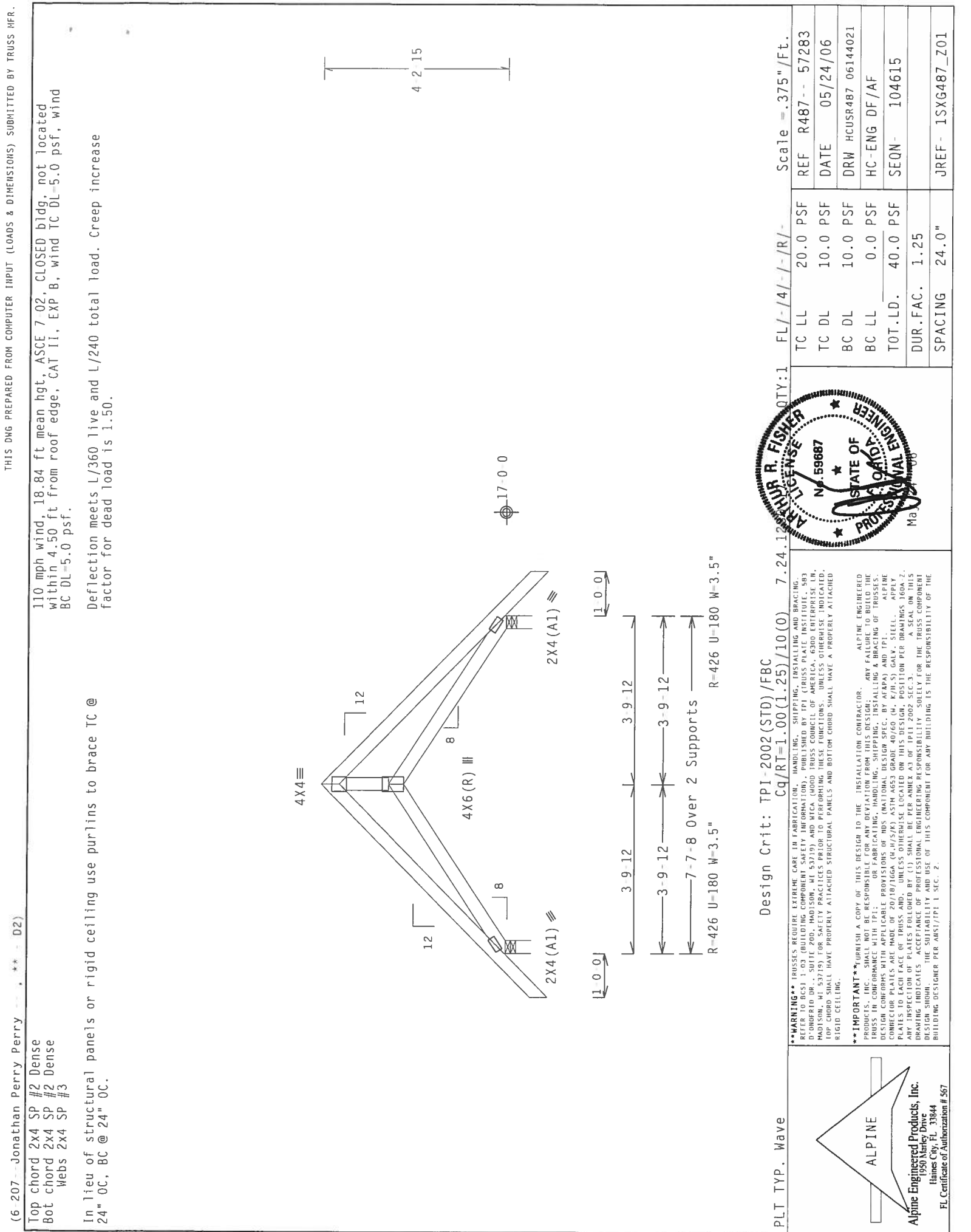
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER REG 103 (BUILDING COMPONENTS) FOR INFORMATION. FOR TRUSSES PLACED OVER ROADS OR INTERPRETS, IN MODISOM, MI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, 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 HUDS (NATIONAL DESIGN SPEC. BY AIA/PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (N-17/S/S) ASTM A563 GRADE 40/60 (N. K/H/S) GALV. STEEL. APPLY EXTERIOR TREATMENT TO ALL EXPOSED SURFACES. ALL TRUSSES SHALL BE DESIGNED TO MEET THE REQUIREMENTS OF THE BUILDING CODES FOLLOWED BY THE LOCAL JURISDICTION. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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

TC LL	20.0 PSF	REF	R487 - -	57282
TC DL	10.0 PSF	DATE	05/24/06	
BC DL	10.0 PSF	DRW	HCUSR487	06144020
BC LL	0.0 PSF	HC-ENG	DF /AF	
TOT.LD.	40.0 PSF	SEQN-	104610	
DUR.FAC.	1.25			
SPACING	24.0"	JREF -	1SXG487_Z01	



THIS DNG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 18.84 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.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.12

PLT TYP. Wave

Scale = 375"/Ft.

REF R487 -- 57283

DATE 05/24/06

DRW HCUSR487 06144021

HC-ENG DF/AF

SEQN- 104615

DUR. FAC. 1.25

SPACING 24.0"

JREF- 1SXG487_Z01

ARTHUR R. FISHER
LICENSE
NO. 59887
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
MA 3/21/00

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

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. THE TRUSS SHALL BE BUILT TO THE DESIGN SPECIFICATIONS AND SHALL BE INSPECTED AND APPROVED BY THE TRUSS MANUFACTURER. THE TRUSS SHALL BE BUILT TO THE DESIGN SPECIFICATIONS AND SHALL BE INSPECTED AND APPROVED BY THE TRUSS MANUFACTURER. THE TRUSS SHALL BE BUILT TO THE DESIGN SPECIFICATIONS AND SHALL BE INSPECTED AND APPROVED BY THE TRUSS MANUFACTURER.

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. THE TRUSS SHALL BE BUILT TO THE DESIGN SPECIFICATIONS AND SHALL BE INSPECTED AND APPROVED BY THE TRUSS MANUFACTURER. THE TRUSS SHALL BE BUILT TO THE DESIGN SPECIFICATIONS AND SHALL BE INSPECTED AND APPROVED BY THE TRUSS MANUFACTURER. THE TRUSS SHALL BE BUILT TO THE DESIGN SPECIFICATIONS AND SHALL BE INSPECTED AND APPROVED BY THE TRUSS MANUFACTURER.

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2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d_Common_(0.148"x3.25",_min.)_nails)

Top Chord: 1 Row @ 11.25" o.c.

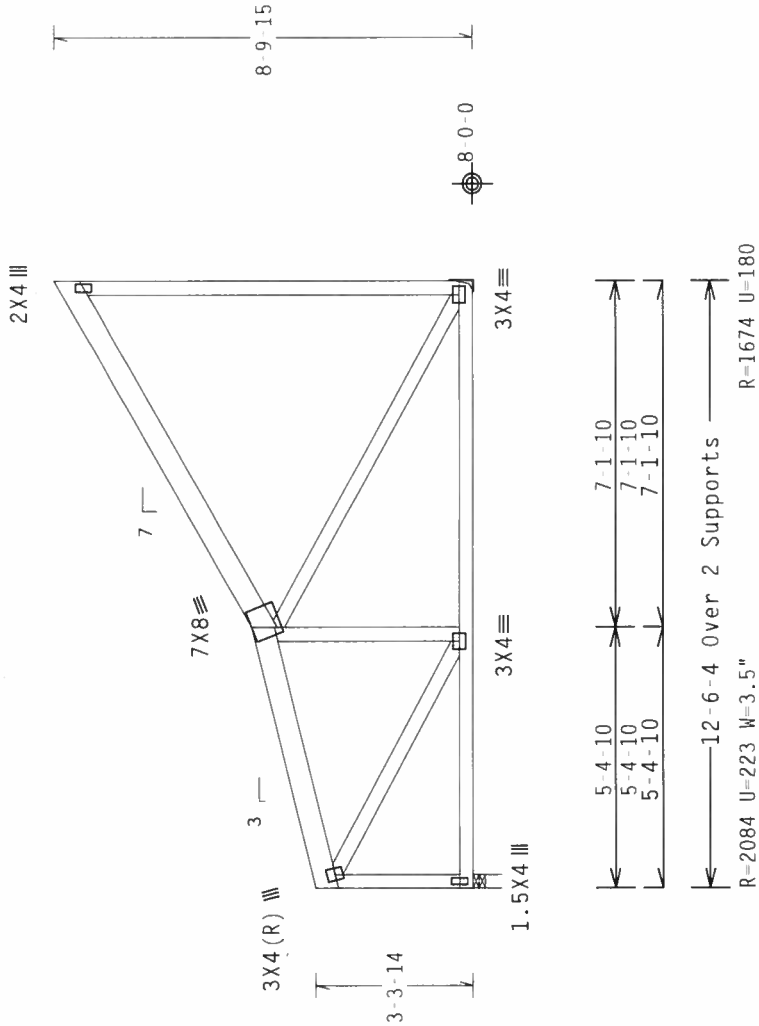
Bot Chord: 1 Row @12.00" o.c.

Webs : 1 Row @ 4" O.C.

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

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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

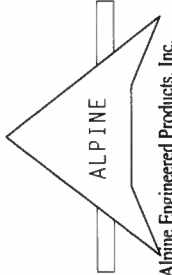
QTY:1 FL/-/4/-/-/R/-
Scale =.25"/Ft.

TC LL	20.0 PSF	REF R487 - - 57284
TC DL	10.0 PSF	DATE 05/24/06
BC DL	10.0 PSF	DRW HCURS487 06144029
BC LL	0.0 PSF	HC-ENG DF/AF
TOT.LD.	40.0 PSF	SEQN- 105044
DUR.FAC.	1.25	
SPACING	SEE ABOVE	JREF- 1SXG487_Z01



***HARVESTING:** TRUCKS OF THE ABOVE CHART IN FABRICATION AND HANDLING OF SHIPPING, UNLOADING AND BRACING. RETURN TO BEST LOG BUILDING COMPANY SAFETY INFORMATION, PUBLISHED BY LPI (PRESS PLATE INSTITUTE, 503 S. GARDNER ST., SUITE 200, MADISON, WI 53719) AND MICA (WOOD PROCESS 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 LOG CEILING.

****IMPORTANT**** TURKISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.
PROVIDING AN ALPINE ENGINEER
PRODUCTS AND SERVICES. ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN COMPLIANCE WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AFAPA) AND TPI, ALPINE CONNECTOR PLATE ARE MADE OF 20X80/16GA, U.N.I/SU16GA ASTM A653 GRADE 40/60 (A, B/H,S) GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAPINGS 16GA-2. IF ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMB'S AS OF TPI# 2002 SEC.3.
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGNING. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMB/TPI #1 SEC. 2.



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

Top chord 2x4 SP #2 Dense
Bot chord 2x8 SP SS
Webs 2x4 SP #3

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 60 PLF at 0.00 to 60 PLF at 9.88
BC - From 20 PLF at 0.00 to 20 PLF at 9.88
BC - 1674 LB Conc. Load at 1.44, 8.81
BC - 682 LB Conc. Load at 1.94, 3.94, 5.94, 7.94

Truss must be installed as shown with top chord up.

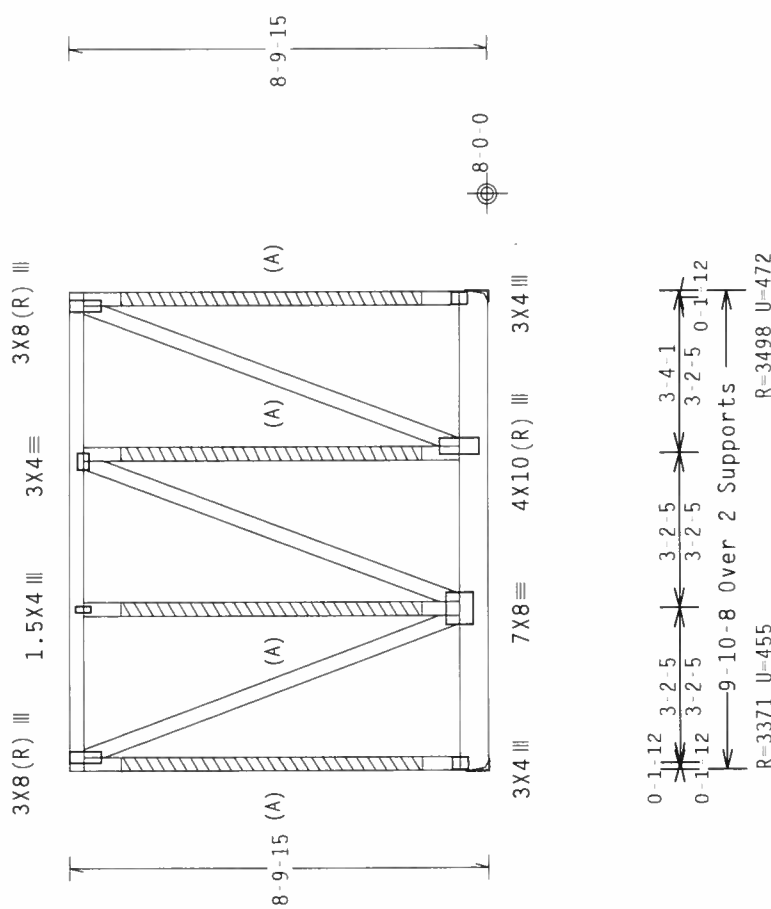
The TC of this truss shall be braced with attached spans at 24" OC in lieu of structural sheathing.

110 mph wind, 16.83 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.

(A) #3 or better scab brace. Same size & 80% length of web member. Attach with 10d Box or Gun (0.128"x3",min.)nails @ 6" OC.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



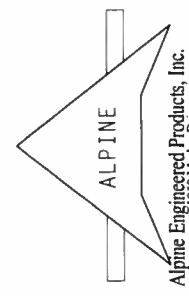
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.12

PLT TYP. Wave

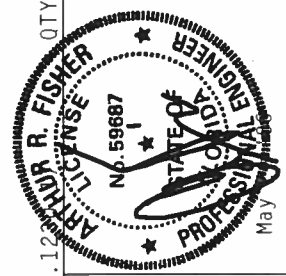
QTY:1 FL/-/4/-/R/- Scale =.25"/Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES (BUILDING COMPONENT SAFETY INFORMATION) FOR ADDITIONAL INFORMATION. ANY FAILURE TO BUILD THE TRUSS IN ACCORDANCE WITH THE DESIGN SPECIFICATIONS SHALL BE THE RESPONSIBILITY OF THE TRUSS MANUFACTURER. 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 SPECIFICATIONS SHALL BE THE RESPONSIBILITY OF THE TRUSS MANUFACTURER. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONDUCTOR PLATES ARE MADE OF 2018/16GA (4-H/5X5) ASTM A653 GRADE 40/60 (4. K/H.S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING. DO NOT REMOVE OR ALTER ANY PORTION OF PLATE OR TRUSS. ANY INSPECTION OF PLATES OR TRUSS SHALL BE THE RESPONSIBILITY OF THE TRUSS MANUFACTURER. THIS DESIGN SHALL BE THE SOLE PROPERTY OF ALPINE ENGINEERED PRODUCTS, INC. THE LIABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

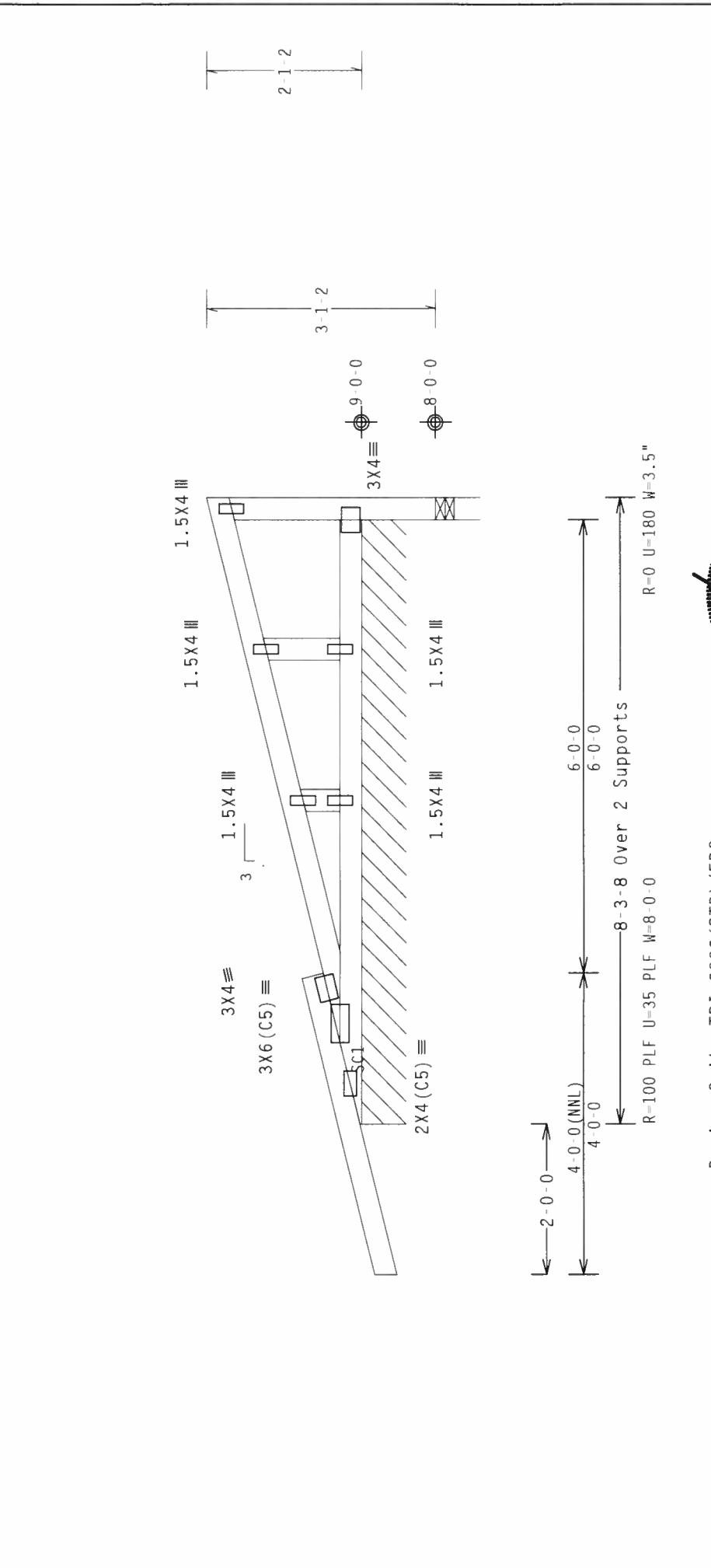


Alpine Engineered Products, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567



TC LL	20.0 PSF	REF	R487 - -	57285
TC DL	10.0 PSF	DATE	05/24/06	
BC DL	10.0 PSF	DRW	HCUSR487	06144030
BC LL	0.0 PSF	HC-ENG	DF/AF	
TOT.LD.	40.0 PSF	SEQN	-	105050
DUR.FAC.	1.25			
SPACING	SEE ABOVE	JREF	-	1SXG487_Z01

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Stack Chord SC1 2x4 SP #2 Dense:
Gable end supports 8" max rake overhang.
THE BUILDING DESIGNER IS RESPONSIBLE FOR THE DESIGN OF THE ROOF AND CEILING DIAPHRAGMS, GABLE END SHEAR WALLS, AND SUPPORTING SHEAR WALLS. SHEAR WALLS MUST PROVIDE CONTINUOUS LATERAL RESTRAINT TO THE GABLE END. ALL CONNECTIONS TO BE DESIGNED BY THE BUILDING DESIGNER.
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.
Right end vertical not exposed to wind pressure.
See DWGS A11015EE0405 & GBLLETIN0405 for more requirements.
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.12

Scale = .5" / Ft.

TC LL	20.0 PSF	FL / - / 4 / - / R / -	REF R487 - - 57286
TC DL	10.0 PSF		DATE 05/24/06
BC DL	10.0 PSF		DRW HCUSR487 06144022
BC LL	0.0 PSF		HC-ENG DF/AF
TOT.LD.	40.0 PSF		SEQN- 104658
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1SXG487_Z01

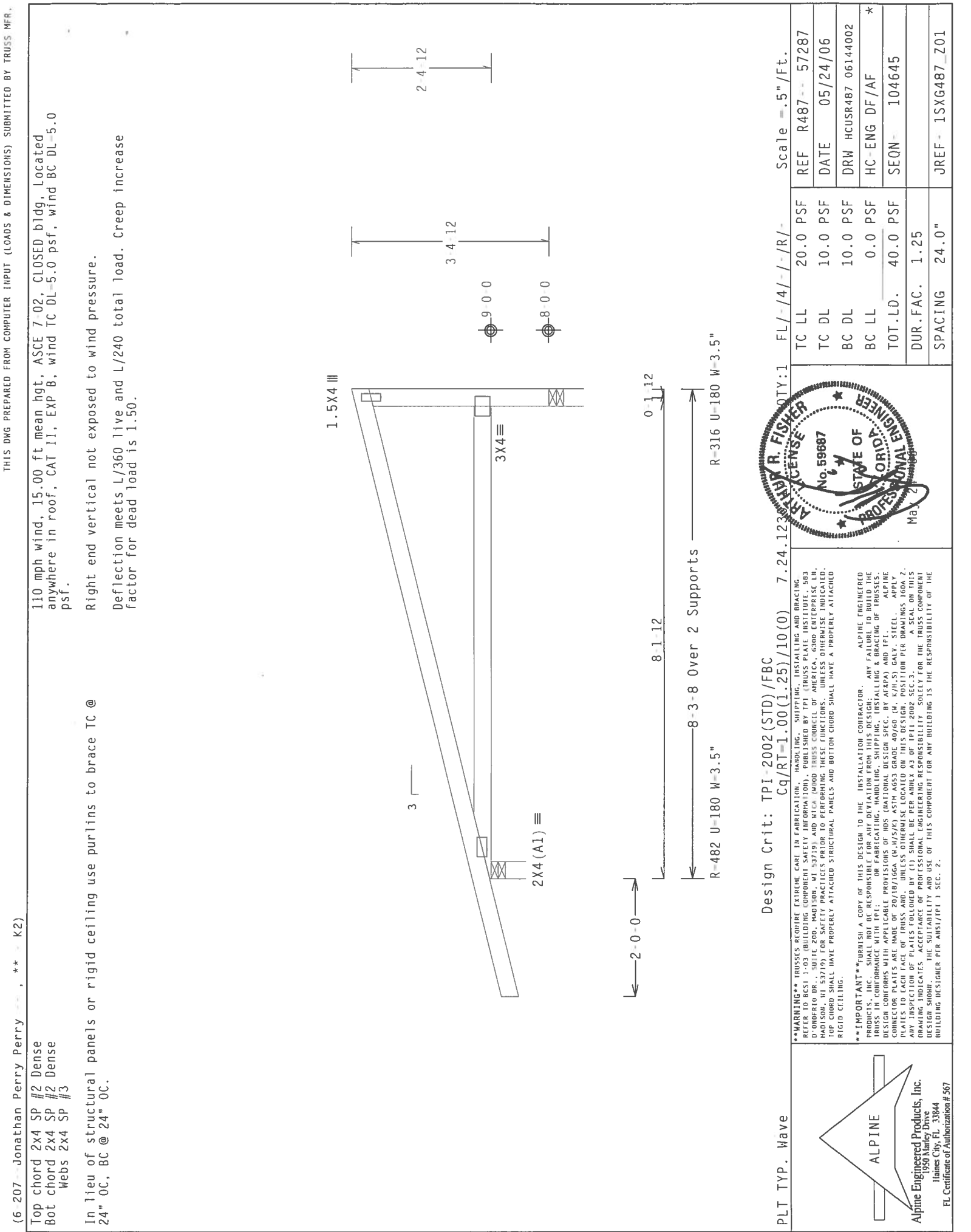
ALPINE

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

ARTHUR F. FISHER
LICENSE
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Ma

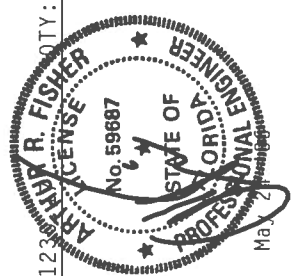
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO WEST L. 03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 593 D'ONDRIE DR., SUITE 200, MADISON, WI 53719) AND NCEA (WOOD TRUSS COUNCIL OF AMERICA, 6300 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 FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. FOR STEEL) AND AISC (STEEL PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS LE04.2). ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

(6.207 - Jonathan Perry Perry - ** - K2)		Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3		110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.		Right end vertical not exposed to wind pressure.		Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.	
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.		Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)		7.24.123		FL/-/4/-/R/-		Scale = .5" / Ft.	
PLT TYP. Wave		TC LL		20.0 PSF		REF		R487 - 57287	
		TC DL		10.0 PSF		DATE		05/24/06	
		BC DL		10.0 PSF		DRW		HCUSR487 06144002	
		BC LL		0.0 PSF		HC-ENG		DF/AF	
		TOT.LD.		40.0 PSF		SEQN		104645	
		DUR.FAC.		1.25		JREF		1SXG487_Z01	
		SPACING		24.0"					



****WARNING**** TRUSSES BEARING 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'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WEA (WOOD ENGINEERING ASSOCIATES, 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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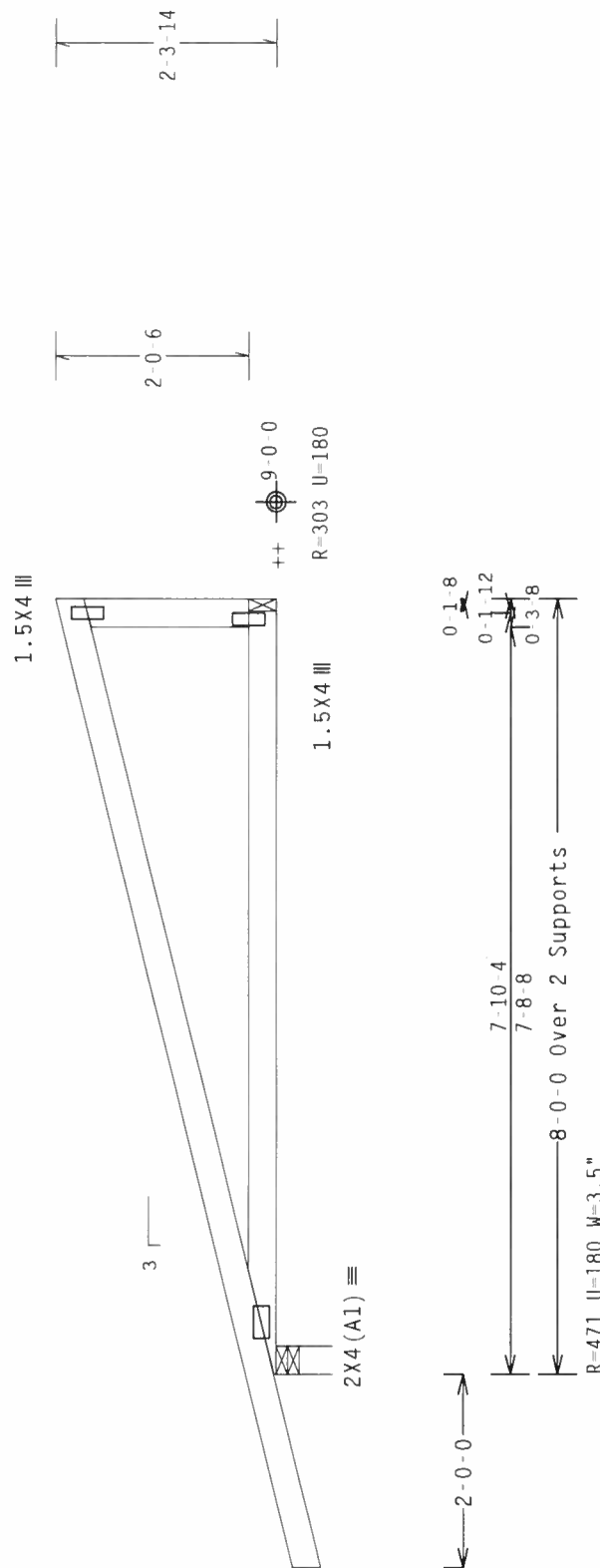
Alpine Engineered Products, Inc.
1950 Manley Drive
Haines City, FL 33844
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110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

++ ANCHORAGE REQ'D TO PREVENT TRUSS FROM SLIPPING OFF BEARING.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

 $Cq/RT=1.00(1.25)/10(0)$ 7.24.123

QTY:1 FL/-/4/-/-/R/-/-

Scale = .5"/Ft.

TC LL	20.0	PSF	REF	R487 -	57288
TC DL	10.0	PSF	DATE	05/24/06	
BC DL	10.0	PSF	DRW	HCUSR487	06144003
BC LL	0.0	PSF	HC-ENG	DF/AF	*
TOT.LD.	40.0	PSF	SEQN -	104651	
DUR.FAC.	1.25				
SPACING	24.0"		JREF -	1SXG487_Z01	



WARNING THUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. PROCEED TO STEP 1 (INSTALLING TOP CHORDS) IMMEDIATELY AFTER THE TOP CHORDS HAVE BEEN PROPERLY ATTACHED TO THE BOSS. (FOR INFORMATION: THE TOP CHORDS ARE AVAILABLE FROM THE AMERICAN PLASTIC ENTERPRISE, INC., 20000110001, 5371219, AND MICA (WOOD) INDUSTRIES, INC., 5371219, FOR SAFETY PRECAUTIONS PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, ALL MATERIALS, 5371219, SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED TOP CHORD. SEE LISTING.)

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

IMPORTANT: FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERS & DESIGNERS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THIS: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH ALL LOCAL PROVISIONS OF AISC (MINIMUM DESIGN SPEC., BY AISC) AND THE ALPINE TRUSS COMPANY'S TRUSS MANUFACTURING SPECIFICATIONS. ALL TRUSSES SHALL BE BUILT TO THE FOLLOWING SPECIFICATIONS: 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 AMER AS OF 1/11/2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF THIS DESIGN. THE SEAL OF THIS CONTRACTOR FOR ANY BUILDING IS NOT THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMER 1/11/2002 SEC.2.



Alpine Engineered Products, Inc.

1950 Marley Drive
Haines City, FL 33844

FL Certificate of Authorization # 567

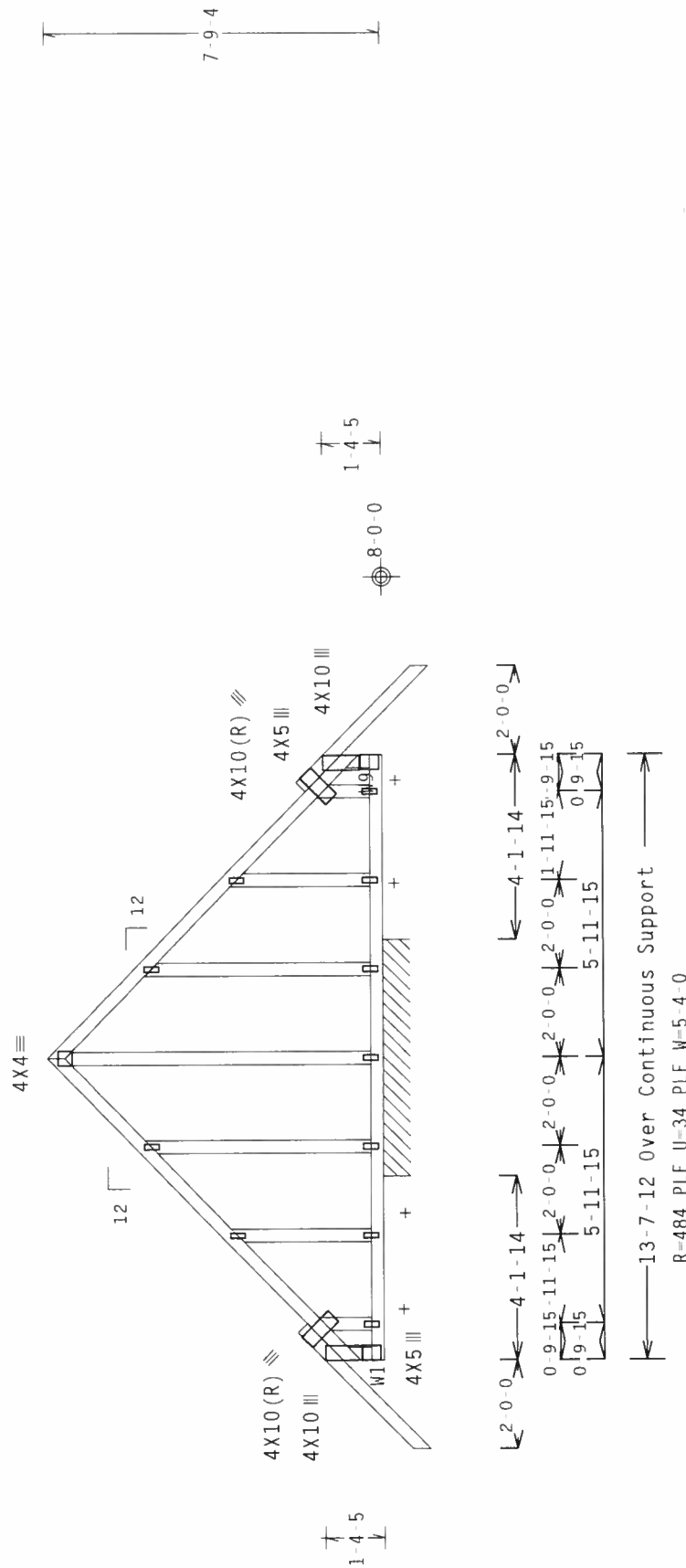
Wavelength	W1	W2	W3	W4	W5	W6	W7	W8	W9	W10	W11	W12	W13	W14	W15	W16	W17	W18	W19	W20	W21	W22	W23	W24	W25	W26	W27	W28	W29	W30	W31	W32	W33	W34	W35	W36	W37	W38	W39	W40	W41	W42	W43	W44	W45	W46	W47	W48	W49	W50	W51	W52	W53	W54	W55	W56	W57	W58	W59	W60	W61	W62	W63	W64	W65	W66	W67	W68	W69	W70	W71	W72	W73	W74	W75	W76	W77	W78	W79	W80	W81	W82	W83	W84	W85	W86	W87	W88	W89	W90	W91	W92	W93	W94	W95	W96	W97	W98	W99	W100
Wavelength	W1	W2	W3	W4	W5	W6	W7	W8	W9	W10	W11	W12	W13	W14	W15	W16	W17	W18	W19	W20	W21	W22	W23	W24	W25	W26	W27	W28	W29	W30	W31	W32	W33	W34	W35	W36	W37	W38	W39	W40	W41	W42	W43	W44	W45	W46	W47	W48	W49	W50	W51	W52	W53	W54	W55	W56	W57	W58	W59	W60	W61	W62	W63	W64	W65	W66	W67	W68	W69	W70	W71	W72	W73	W74	W75	W76	W77	W78	W79	W80	W81	W82	W83	W84	W85	W86	W87	W88	W89	W90	W91	W92	W93	W94	W95	W96	W97	W98	W99	W100

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC

Fasten rated sheathing to one face of this frame.

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.

DESIGNER.



Design Crit: TPI-2002(STD)/FBC

 $Cq/RT=1.00(1.25)/10(0)$ 7.24.12

FL/-/4/-/-/R/-/

TC	11	20	0	PSE
----	----	----	---	-----

-	L
-	C
O	O
O	O
J	r
J	-
O	O
-	H

IC DL 10.0 PST

BC DL 10.0 PSF

BC LL 0.0 PSF

TOT ID 40 0 DCE

40.0 F3F

DUR.FAC. 1.25

SPACING SEE ABOVE

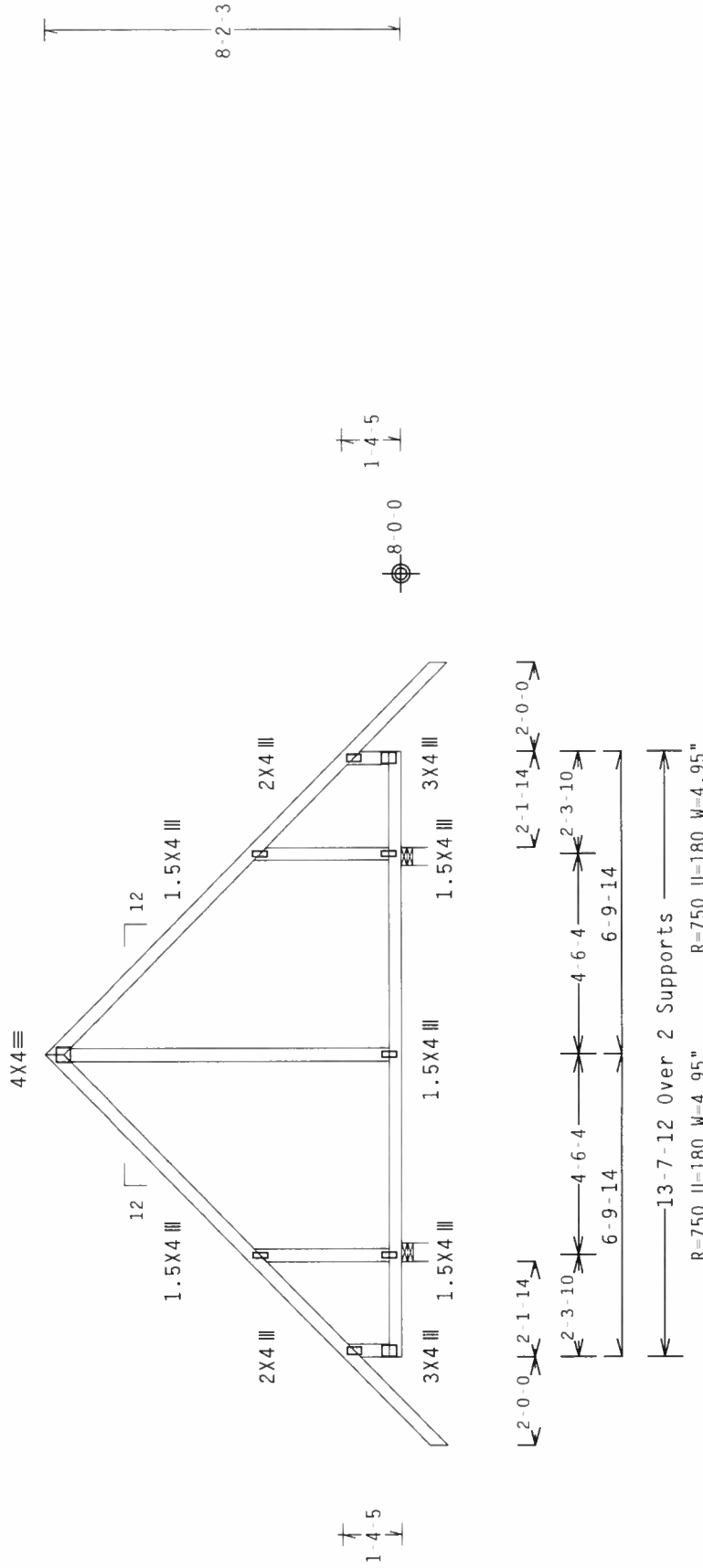
	Top	chord	2x4	SP	#2	Dense
	Bot	chord	2x4	SP	#2	Dense
		webs	2x4	SP	#3	

110 mph wind, 15.00 ft mean hat, 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 0.20" due to live load and 0.22" due to dead load.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

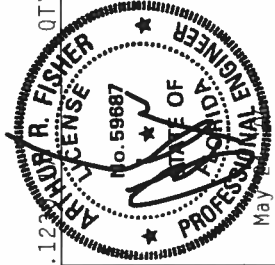


PLT TYP. Wave

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

QTY:1 FL/-/4/-/-/R/-/-
Scale = .25"/Ft.

TC LL	20.0	PSF	REF	R487 --	57290
TC DL	10.0	PSF	DATE	05/24/06	
BC DL	10.0	PSF	DRW	HCUSR487	06144023
BC LL	0.0	PSF	HC-ENG	DF/AF	
TOT.LD.	40.0	PSF	SEQN-	104799	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	15XG487_Z01	



WARNING: THESE REQUIREMENTS ARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND UNLOADING. REFER TO BEST PRACTICES FOR BUILDING CONCRETE SAFETY INFORMATION, PUBLISHED BY THE CONCRETE RESEARCH AND DEVELOPMENT BOARD, 5801 UNIVERSITY AVENUE, SUITE 200, MADISON, WI 53719, AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED IN TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED TOP CHORD CEILING.

[illegible]

Alpine Engineered Products, Inc.

1950 Marley Drive
Haines City, FL 33844

FL Certificate of Authorization # 567
Haines City, FL 33844

(6 207 Jonathan Perry **, AP1-GE)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 19.53 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=1.2 psf.

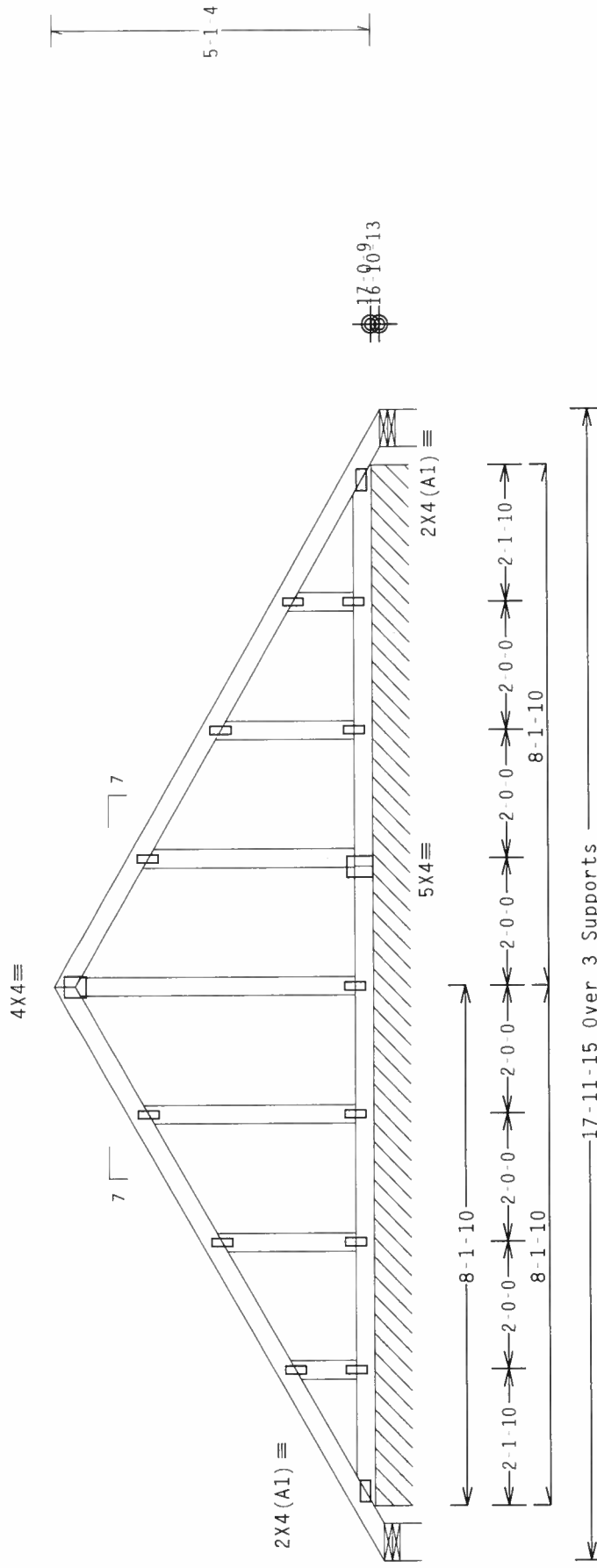
In lieu of structural panels or rigid ceiling use purlins to brace TC @
24" OC, BC @ 24" OC.

Deflection meets L/360 live and L/240 total load. Creep increase
factor for dead load is 1.50.

Refer to DWG PIGBACKB0405 for piggyback details.
PORTION OF TRUSS UNDER PIGGYBACK IS TO BE
BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

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 A11030EE0405 & GBLLETIN0405 for more requirements.



R=12 U=180 W=6.946"
R=70 PLF U=22 PLF W=16.3-3

Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002 (STD)/FBC

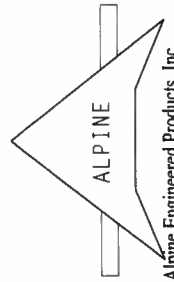
PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.123

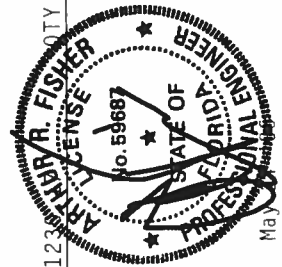
Scale = .375"/Ft.

****WARNING**** TRUSSES BEARING EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-2002 (STD)/FBC OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND (TPI-2002 (STD)/FBC). ALL THE CONNECTION PLATES ARE MADE OF 20/16/16GA (4/SIN) AS SHOWN. ALL PLATES LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 160A-2. A SEAL ON THIS PLATE INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

****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)/FBC OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND (TPI-2002 (STD)/FBC). ALL THE CONNECTION PLATES ARE MADE OF 20/16/16GA (4/SIN) AS SHOWN. ALL PLATES LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 160A-2. A SEAL ON THIS PLATE INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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



TC LL	20.0 PSF	FL/-4/-/-R/-	REF R487 -	57291
TC DL	10.0 PSF		DATE	05/24/06
BC DL	2.0 PSF		DRW HCUSR487	06144024
BC LL	0.0 PSF		HC-ENG DF/AF	
TOT.LD.	32.0 PSF		SEQN -	104632
DUR.FAC.	1.25			
SPACING	24.0"		JREF -	1SX6487_Z01

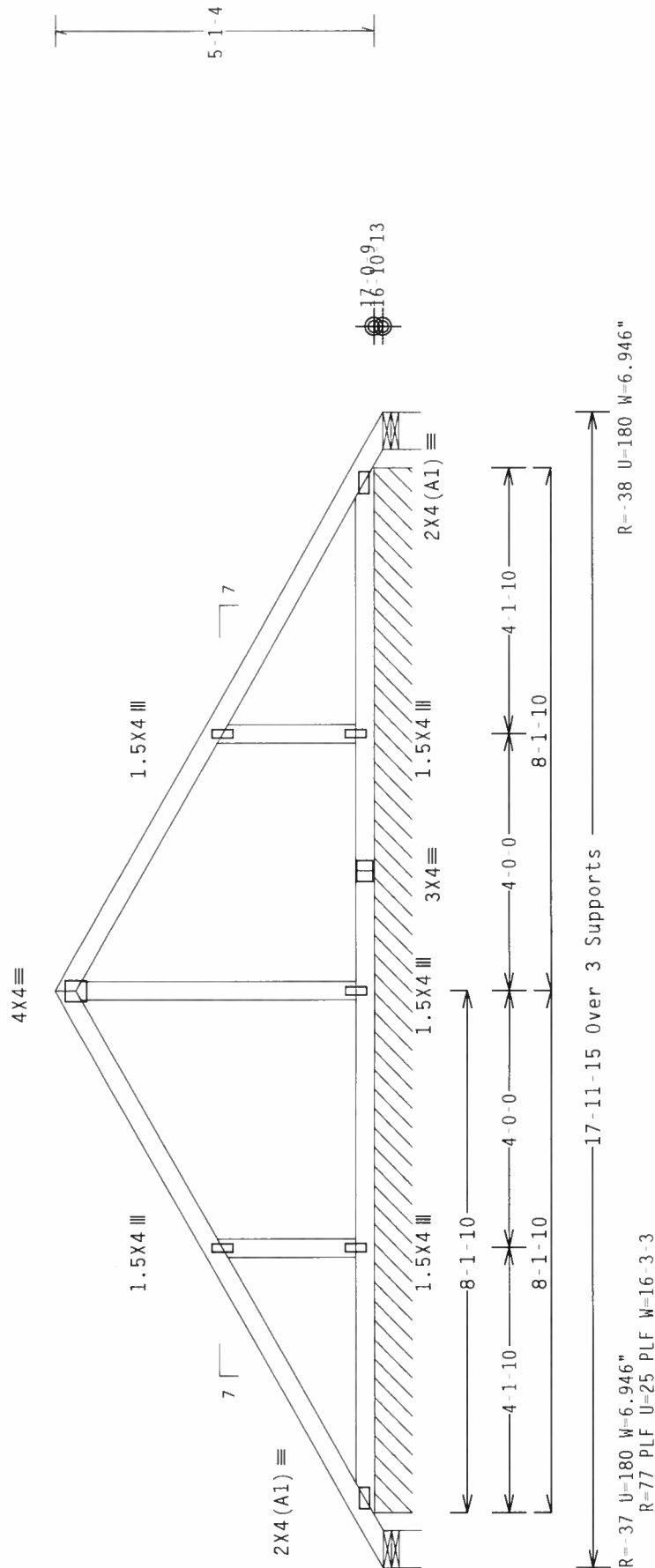
Top chord	2x4	SP #2	Dense
Bot chord	2x4	SP #2	Dense
Webbs	2x4	SP #3	

1110 mph wind, 19.53 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=1.2 psf.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

Refer to DWG PIGBACKB0405 for piggyback details.
PORTION OF TRUSS UNDER PIGGYBACK IS TO BE
BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.



R=37 U=180 W=6.946"
R=77 PLF U=25 PLF W=16-3-3

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

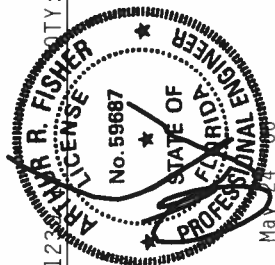
 $Cq/RT=1.00(1.25)/10(0)$

FL/-/4/-/-/R/-/

Scale = .375"/Ft.

WARNING HOUSES REQUIRING TEXTILE CARE FOR FABRICATION, HANDING, SHIPPING, INSTALLING AND PRACTICING
OF THE FOLLOWING: OUTLIVING COMPLETION SAFELY INFORMATION, PUBLISHED BY THE PLANT INSTITUTE, 1983
1000000 RD. # 57210, MADISON, WI 53719, AND WICA TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN,
MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO IMPOSING THESE FUNCTIONS. UNLESS OTHERWISE NOTED,
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, ALTHINE ENGINEERS, INC., WHO 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 APPLIABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALTHINE ENGINEERS, INC. SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE CONNECTIONS TO THE WALL 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 AMBS A3 OF TPI 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF THIS DESIGN. THE SEAL OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER TPI 2002, SECTION 2.



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

FL Certificate of Authorization # 567
Haines Creek, FL 33844

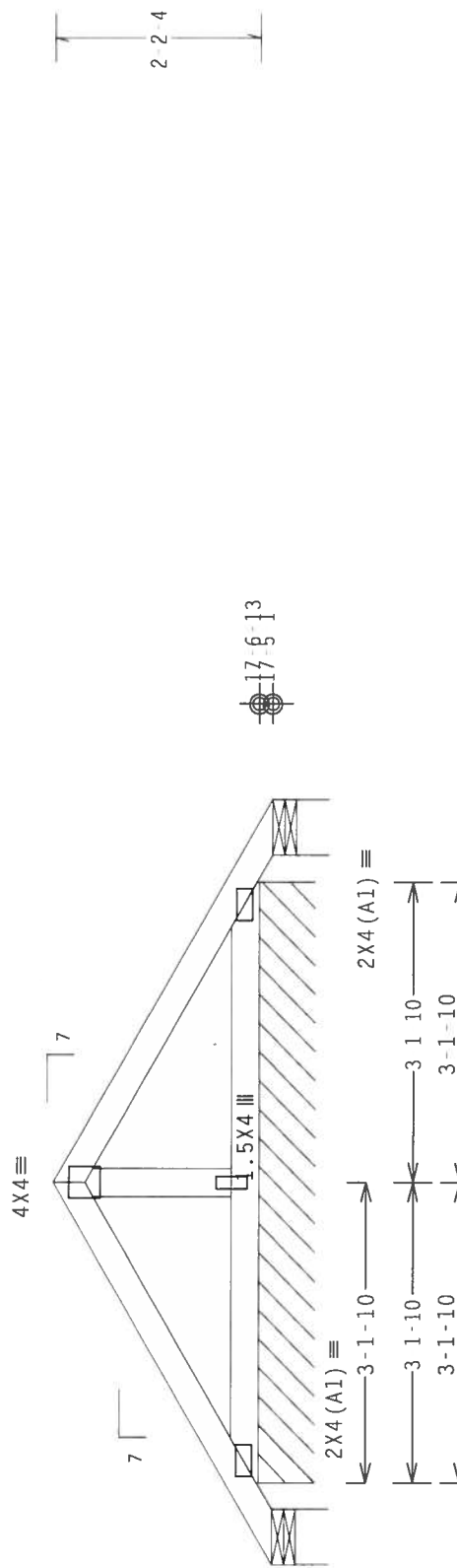
Top chord	2x4	SP #2	Dense
Bot chord	2x4	SP #2	Dense
Wubs	2x4	SP #3	

110 mph wind, 18.59 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=1.2 psf.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

Refer to DWG PIGBACKB0405 for piggyback details.
PORTION OF TRUSS UNDER PIGGYBACK IS TO BE
BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.



8-0-0 Over 3 Supports

R = 12 U=180 W=6.946"
R=83 PLF U=29 PLF W=6-3-4

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

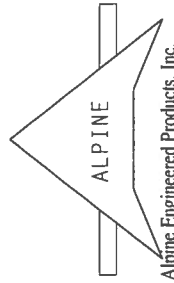
$$Ca/RT=1.00(1.25)/10(0) \quad 7.$$

FL/4/-/-/R/-

Scale = 5"/Ft.

HARVING THESE ROUTINE EXISTING CARP, IN FABRICATION, HONING, INC., SHIPPING, INSTALLING AND BRACING, REFER TO, (LESS) BUILDING COMPANY, (HARVING), 10000 W. 10TH AVE., SUITE 200, MADISON, WI 53719, AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6000 ENTERPRISE BLVD., MADISON, WI 53719). FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED CEILING.

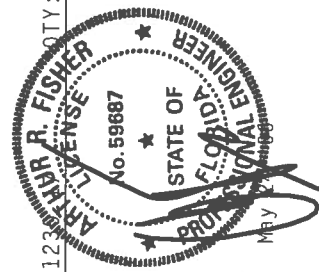
PRODUCTS** SHALL NOT BE RESPONSIBLE FOR THE INSTALLATION CONTRACTOR OR ALPINE ENGINEERING'S DESIGN OR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND ALPINE TRUSS COMPANY'S (NATIONAL DESIGN SPEC. BY AISC) AND TPI (NATIONAL DESIGN SPEC. BY AISC) DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF THIS CONSTRUCTION. THE DESIGN OF THIS CONCRETE FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISC TPI 11.1 SEC 2.



Alpine Engineered Products, Inc.

1950 Marley Drive
Haines City, FL 33844

FL Certificate of Authorization # 567



TC LL	20.0	PSF	REF R487 - 57293
TC DL	10.0	PSF	DATE 05/24/06
BC DL	2.0	PSF	DRW HCUR487 06144026
BC LL	0.0	PSF	HC-ENG DF/AF
TOT.LD.	32.0	PSF	SEQN- 104621
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1SYG487_Z01

(6 207 Jonathan Perry ** - CP1)

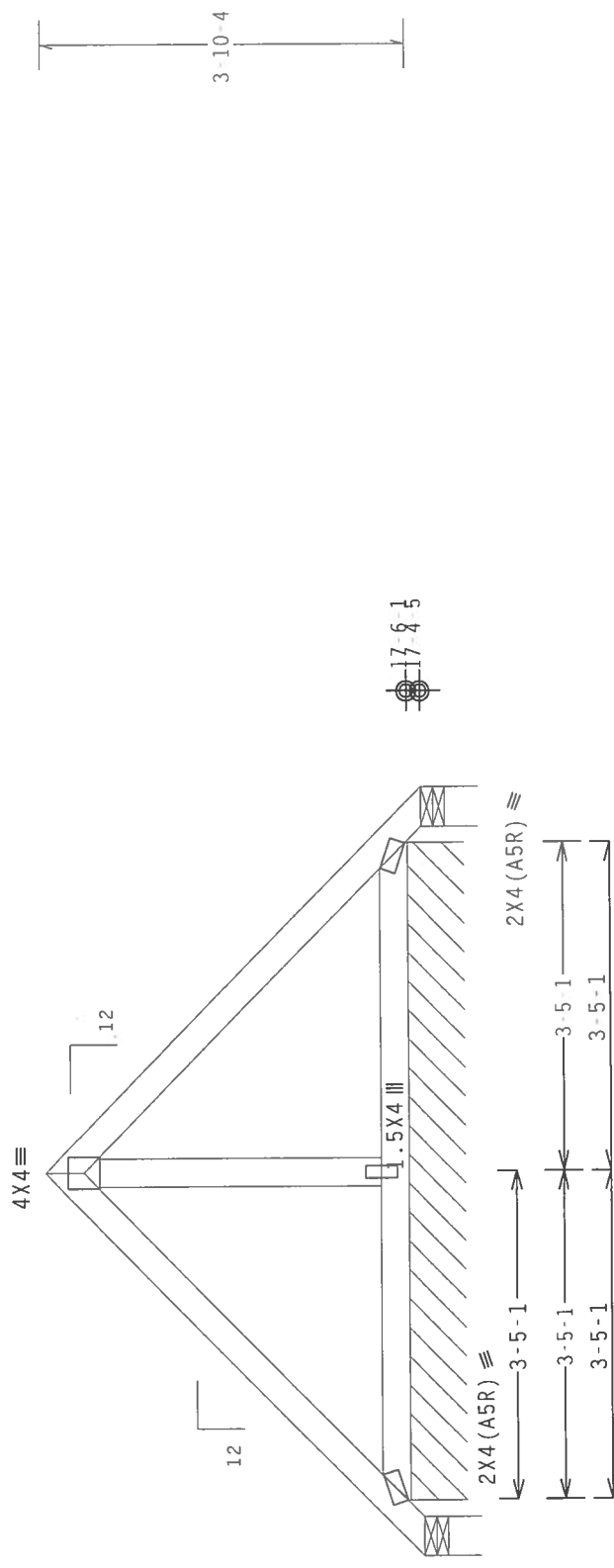
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 19.36 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=1.2 psf.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

Refer to DWG PIG8ACKB0405 for piggyback details.
PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

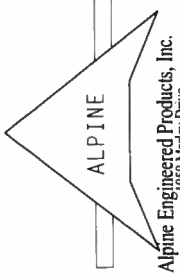


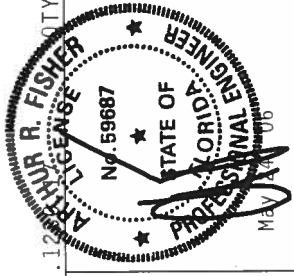
R=55 U=180 W=4.95"
R=96 PLF U=36 PLF W=6-10-2
8'-0-0 Over 3 Supports
R=55 U=180 W=4.95"

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.12

Scale = .5"/Ft.

PLT TYP. Wave

 Alpine Engineering Products, Inc. 1950 Highway 100 James City, FL 33844 FL Certificate of Authorization # 567	**WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'AMORIO DR., SUITE 200, MADISON, WI 53719) AND HCA (HOOD TRUSS COUNCIL OF AMERICA, 1000 N. 10TH AVE., SUITE 100, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE ACTIVITIES. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.		TC LL	20.0 PSF	FL / - / 4 / - / - / R / -	REF R487 - 57294
	IMPORTANT TURN IN A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/J/S/K) ASTM A653 GRADE 40/60 (W, K/J, S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE PROTECTION OF THE DESIGNER, THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.		TC DL	10.0 PSF		DATE 05/24/06
			BC DL	2.0 PSF		DRW HCUSR487 06144027
			BC LL	0.0 PSF		HC-ENG DF/AF
			TOT.LD.	32.0 PSF		SEQN- 104759
			DUR.FAC.	1.25		JREF- 1SXG487_Z01
		SPACING		24.0"		



CLB WEB BRACE SUBSTITUTION

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

NOTES:

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

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

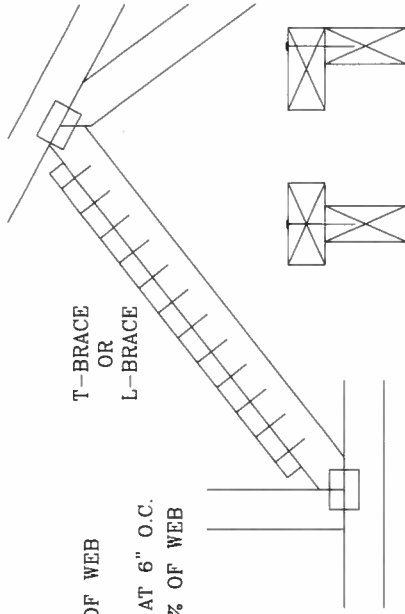
WEB MEMBER SIZE	SPECIFIED CLB BRACING	T OR L-BRACE	ALTERNATIVE BRACING SCAB BRACE
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

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:

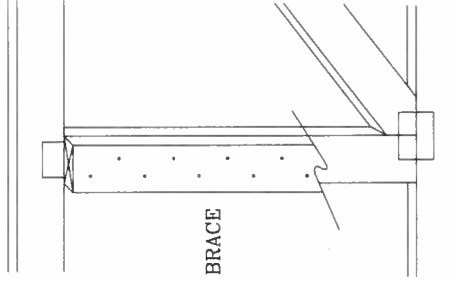
APPLY TO EITHER SIDE OF WEB
NARROW FACE
ATTACH WITH 16d NAILS AT 6" O.C.
BRACE IS A MINIMUM 80% OF WEB
MEMBER LENGTH



T-BRACE
L-BRACE

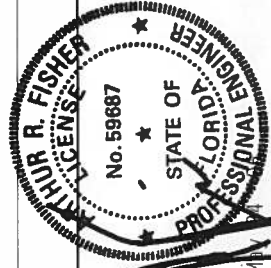
SCAB BRACING:

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



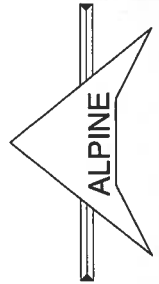
SCAB BRACE

THIS DRAWING REPLACES DRAWING 579,640



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, 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 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 & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/S/K) ASTM A653 GRADE 40/60 (W/K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANEX 13 TO TPI CODE BOOK. A SIGNATURE OF THE DESIGNER IS REQUIRED FOR THE TRUSS TO BE USED. THE SUIABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.



ALPINE ENGINEERED PRODUCTS, INC.
POMPAHO BEACH, FLORIDA

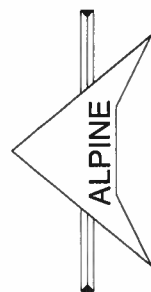
TC LL	PSF	REF	CLB SUBST.
TC DL	PSF	DATE	11/26/03
BC DL	PSF	DRWG	BRCLBSUB1103
BC LL	PSF	-ENG	MLH/KAR
TOT. LD.	PSF		
DUR. FAC.			
SPACING			

[illegible]

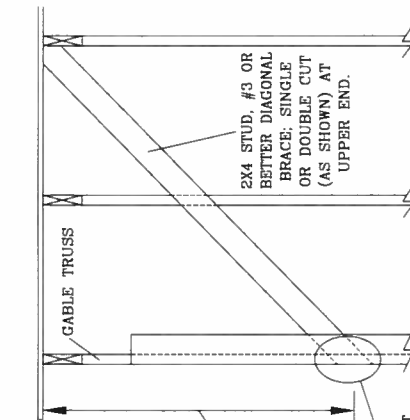
DIAGONAL BRACE OPTION:
VERTICAL LENGTH MAY BE
DOUBLED WHEN DIAGONAL
BRACE IS USED. CONNECT
DIAGONAL BRACE FOR 600
AT EACH END. MAX WEB
TOTAL LENGTH IS 14'

VERTICAL LENGTH SHOWN
IN TABLE ABOVE

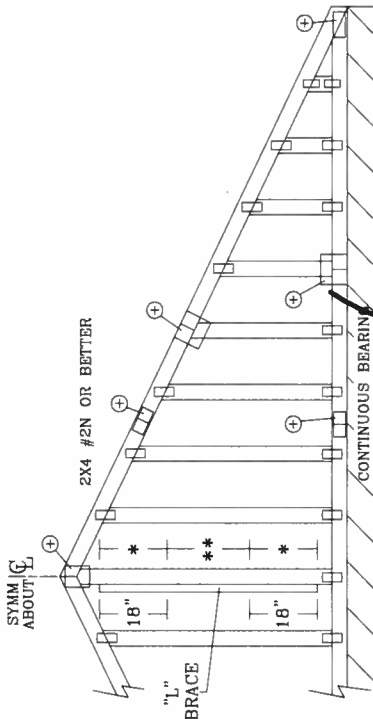
CONNECT DIAGONAL AT
MIDPOINT OF VERTICAL.



ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA



REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.



GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS 1/240.

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.

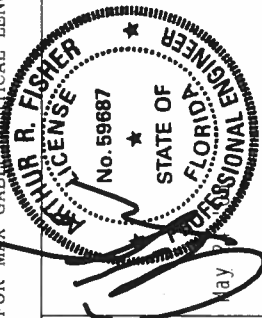
GABLE VERTICAL PLATE SIZES	
VERTICAL LENGTH	NO SPLICE
LESS THAN 4' 0"	1X4 OR 2X3
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2X4
GREATER THAN 11' 6"	2.5X4

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

REF	ASCE7-02-CAB11015
DATE	04/15/05
DRWG	A11015EEE0405
-	ENG
MAX. TOT. LD. 60 PSF	
MAX. SPACING 24.0"	

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BUILDING CODES AND SAFETY INFORMATION, PUBLISHED BY THE TRUSS CROSS COMPANY, 10000 W. 10TH AVE., SUITE 200, DENVER, CO 80231, FOR THE LATEST TRUSS SAFETY COUNCIL INFORMATION. TOP CHORDS OF THE TRUSSES ARE TO BE USED AS A PROHIBITED TRUSS MEMBER FOR THE ENTIRE LIFE IN MADISON. 577193 FOR SAFETY PRACTICES PROVIDED TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANE S AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID L.I.N.C.

*****IMPORTANT***** FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. PIPELINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH TPI OR APPLICABLE PROVISIONS OF NOS (NATIONAL DESIGN SPEC. BRACING OF TRUSSES, DESIGN CONNECTIONS WITH TPI) OR FABRICATING, HANDLING, SHIPPING, INSTALLING, AND ERECTING OF TRUSSES, DESIGN CONNECTIONS WITH TPI, STEEL CONNECTOR PLATES ARE MADE OF 2018/16GA (W/H/S/K) ASTM A653 GRADE 40/60 (W/H/S/K) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND END OTHERWISE LOCATED AT 40/60 (W/H/S/K) GALV. STEEL. POSITION PER DRAWINGS 160A-2. (1) INSPECTION OF PLATES FOLLOWED BY (2) SHALL BE MADE AS DESIGNATED. (3) THE DESIGNING ENGINEER SHALL BE RESPONSIBLE FOR THE CORRECTNESS OF THE PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE DESIGN OF THE BUILDING. THE CORRECTNESS OF THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.



GABLE DETAIL FOR LET-IN VERTICALS

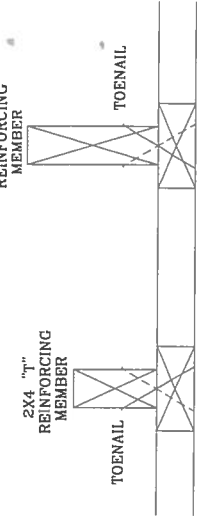
GABLE VERTICAL PLATE SIZES

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"	2X4	2X8

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

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

EXAMPLE:



TO CONVERT FROM "L" TO "T" REINFORCING MEMBERS, MULTIPLY "T" FACTOR BY LENGTH (BASED ON GABLE VERTICAL SPECIES, GRADE AND SPACING) FOR (1) 2X4 "L" BRACE, GROUP A, OBTAINED FROM THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR SBCCI WIND LOAD.

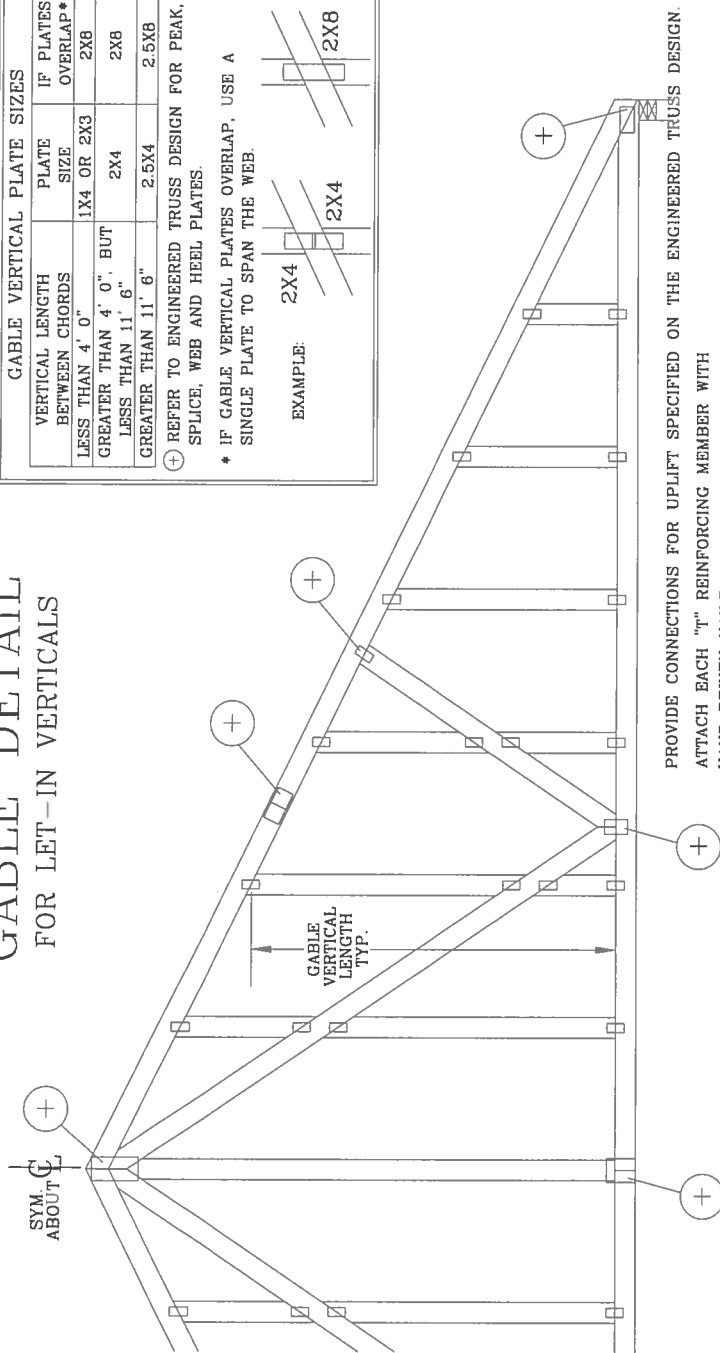
MAXIMUM ALLOWABLE "T" REINFORCED GABLE VERTICAL LENGTH IS 14' FROM TOP TO BOTTOM CHORD.

WEB LENGTH INCREASE W/ "T" BRACE

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

EXAMPLE:

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



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.

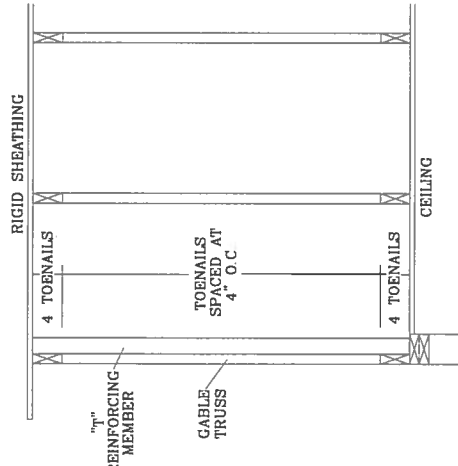
GUN DRIVEN NAILS:

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
- A1015EN1103, A10015EN1103, A09015EN1103, A08015EN1103, A07015EN1103
A1030EN1103, 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

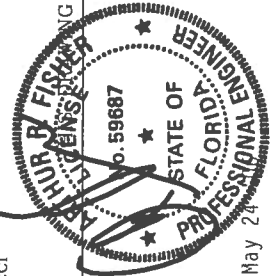
SEE APPROPRIATE ALPINE GABLE DETAIL (ASCE OR SBCCI WIND LOAD) FOR MAXIMUM UNREINFORCED GABLE VERTICAL LENGTH.



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ALPINE
ENGINEERED PRODUCTS, INC.
POMPAHO BEACH, FLORIDA

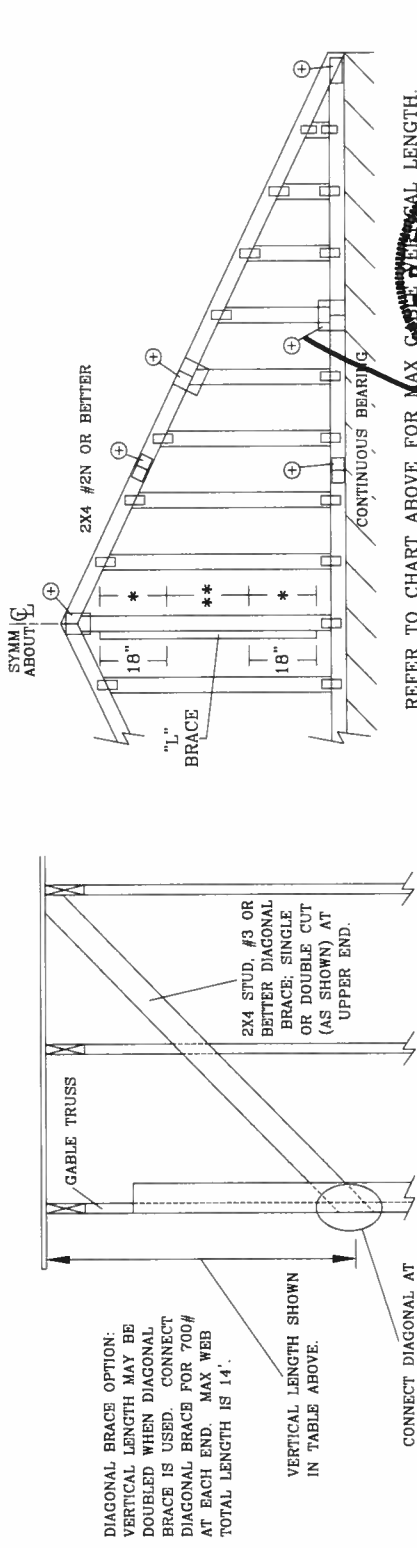


REPLACES DRAWINGS GAB98117 876,719 & HC28294035

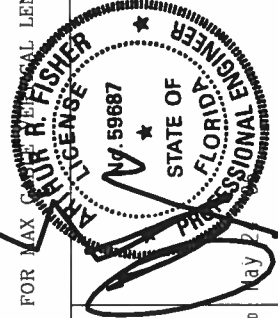
REF	LET-IN VERT
DATE	04/14/05
DRWG	GBLETTIN0405
-ENG	DLJ/KAR
MAX TOT. LD.	60 PSF
DUR. FAC.	ANY
MAX SPACING	24.0"

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

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

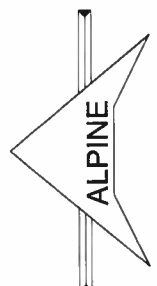


REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.



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 PLATE INSTITUTE, 583 DUNFORD DRIVE, SUITE 200, POMPANO BEACH, FL 33069, FOR SAFETY PRECAUTIONS PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

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

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.	

REF	ASCE7-02-GAB11030
DATE	04/14/05
DRWG	A11030EE0405
-ENG	
MAX. TOT. LD. 60 PSF	
MAX. SPACING 24.0"	

TOP CHORD 2X4 #2 OR BETTER
BOT CHORD 2X4 #2 OR BETTER
WEBS 2X4 #3 OR BETTER

REFER TO SEALED DESIGN FOR DASHED PLATES.

SPACE PIGGYBACK VERTICALS AT 4' OC MAX.

TOP AND BOTTOM CHORD SPLICES MUST BE STAGGERED SO THAT ONE SPLICE IS NOT DIRECTLY OVER ANOTHER.

PIGGYBACK BOTTOM CHORD MAY BE OMITTED. ATTACH VERTICAL WEBS TO TRUSS TOP CHORD WITH 1.5X3 PLATE.

ATTACH PURLINS TO TOP OF FLAT TOP CHORD. IF PIGGYBACK IS SOLID LUMBER OR THE BOTTOM CHORD IS OMITTED, PURLINS MAY BE APPLIED BENEATH THE TOP CHORD OF SUPPORTING TRUSS.

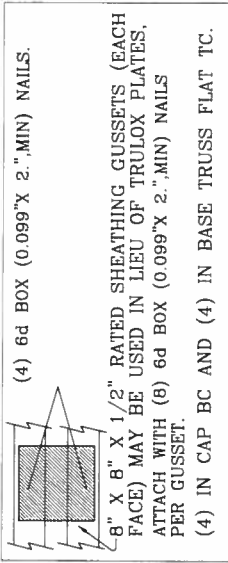
REFER TO ENGINEER'S SEALED DESIGN FOR REQUIRED PURLIN SPACING.

THIS DETAIL IS APPLICABLE FOR THE FOLLOWING WIND CONDITIONS:

130 MPH WIND, 30' MEAN HGT, ASCE 7-02, CLOSED BLDG, LOCATED ANYWHERE IN ROOF, CAT II, EXP C, WIND TC DL=5 PSF, WIND BC DL=5 PSF

110 MPH WIND, 30' MEAN HGT, SBC ENCLOSED BLDG, LOCATED ANYWHERE IN ROOF WIND TC DL=5 PSF, WIND BC DL=5 PSF

FRONT FACE (E*) PLATES MAY BE OFFSET FROM BACK FACE PLATES AS LONG AS BOTH FACES ARE SPACED 4' OC MAX.

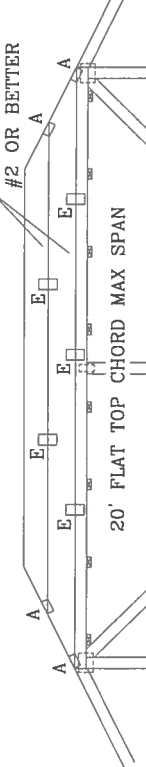


(4) 6d BOX (0.099" X 2" MIN) NAILS.

PIGGYBACK DETAIL

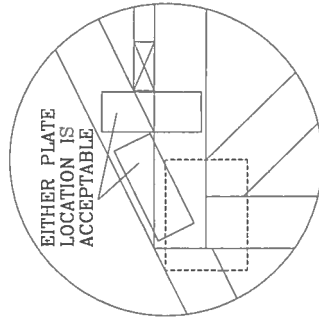
JOINT TYPE	SPANS UP TO			
	30'	34'	38'	52'
A	2X4	2.5X4	2.5X4	3X5
B	4X6	5X6	5X6	5X6
C	1.5X3	1.5X4	1.5X4	1.5X4
D	5X4	5X5	5X5	5X6
E	4X6 OR 3X6 TRULOX AT 4' OC, ROTATED VERTICALLY			

ATTACH TRULOX PLATES WITH (8) 0.120" X 1.375" NAILS, OR EQUAL, PER FACE PER PLY. (4) NAILS IN EACH MEMBER TO BE CONNECTED. REFER TO DRAWING 160 TL FOR TRULOX INFORMATION.

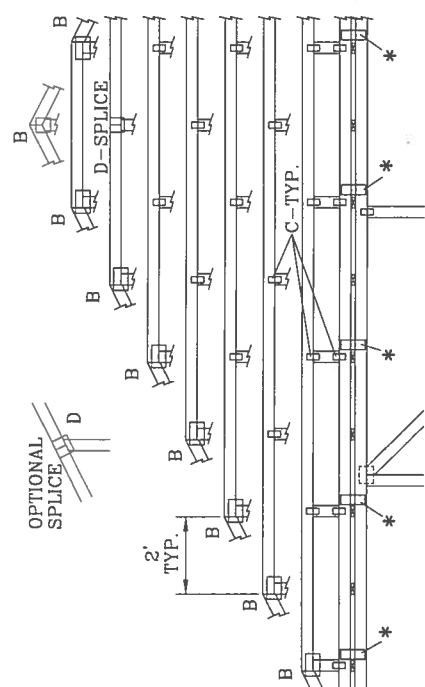


MAX SIZE OF 2X12 #2 OR BETTER

20' FLAT TOP CHORD MAX SPAN



OPTIONAL SPLICE

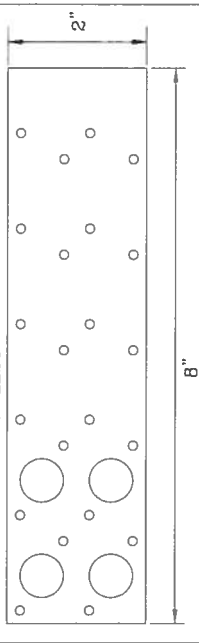


*ATTACH PIGGYBACK WITH 3X8 TRULOX OR ALPINE PIGGYBACK SPECIAL PLATE.

WEB BRACING CHART	
WEB LENGTH	REQUIRED BRACING
0' TO 7'9"	NO BRACING
7'9" TO 10'	1x4 "T" BRACE. SAME GRADE, SPECIES AS WEB MEMBER, OR BETTER, AND 80% LENGTH OF WEB MEMBER. ATTACH WITH 8d BOX (0.113" X 2.5" MIN) NAILS AT 4" OC.
10' TO 14'	2x4 "T" BRACE. SAME GRADE, SPECIES AS WEB MEMBER, OR BETTER, AND 80% LENGTH OF WEB MEMBER. ATTACH WITH 16d BOX (0.135" X 3.5" MIN) NAILS AT 4" OC.

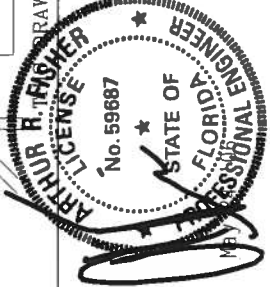
* PIGGYBACK SPECIAL PLATE

ATTACH TEETH TO THE PIGGYBACK AT THE TIME OF FABRICATION. ATTACH TO SUPPORTING TRUSS WITH (4) 0.120" X 1.375" NAILS PER FACE PER PLY. APPLY PIGGYBACK SPECIAL PLATE TO EACH TRUSS FACE AND SPACE 4' OC OR LESS.



DRAWING REPLACES DRAWINGS 634,016 634,017 & 847,045

MAX LOADING	REF	PIGGYBACK
55 PSF AT 1.33 DUR. FAC.	DATE	04/14/05
50 PSF AT 1.25 DUR. FAC.	DRWG	PIGGYBACK0405
47 PSF AT 1.15 DUR. FAC.	-ENG	DLJ/KAR
SPACING	24.0"	



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, 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 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 PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/V/S/K) ASTM A653 GRADE 40/60 (W/K/H/S) GALV STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (I) 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 SEAL IS NOT A GUARANTEE OF THE TRUSS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. PER ANSI/TPI 1 SEC. 2.

