Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844 Florida Engineering Certificate of Authorization Number: 567 Florida Certificate of Product Approval # FL1999 Document ID:1SZY487-Z0221161203

Truss Fabricator: Anderson Truss Company

Job Identification: 6-304--Stanley Crawford Construc Mayfair #19 -- , **

Truss Count: 45

Model Code: Florida Building Code 2004 Truss Criteria: ANSI/TPI-2002(STD)/FBC Engineering Software: Alpine Software, Version 7.24.

Structural Engineer of Record: The identity of the structural EOR did not exist as of

Address: the seal date per section 61G15-31.003(5a) of the FAC

Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration

Drawing#

Floor - N/A

Wind - 110 MPH ASCE 7-02 -Closed

Notes:

Ref

1 2

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31 32

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01798--HJ7

01799--EJ7

01800--J5

01801 - - J3

01802--J1

01803--HJB

01804--EJB1

01805--EJB2

01806 - - J5B

01771--A1

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.

06233018 08/21/06

06233048 08/21/06

06233049 08/21/06

06233050 08/21/06

06233051 08/21/06

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08/21/06

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08/21/06

06233052

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06233056

3. As shown on attached drawings; the drawing number is preceded by: HCUSR487

Date

Details: BRCLBSUB-A11015EE-GBLLETIN-

Description

1	OI//I WI	00533010	00/21/00
2	01772A2	06233019	08/21/06
3	01773A3	06233020	08/21/06
4	01774A4	06233022	08/21/06
5	01775 A5	06233023	08/21/06
6	01776A6	06233024	08/21/06
7	01777A7	06233025	08/21/06
8	01778A8	06233026	08/21/06
9	01779A9	06233027	08/21/06
10	01780A10	06233028	08/21/06
11	01781A11	06233029	08/21/06
12	0178281	06233030	08/21/06
13	01783B2	06233031	08/21/06
14	01784B3	06233032	08/21/06
15	01785B4	06233033	08/21/06
16	01786B5	06233034	08/21/06
17	01787B6	06233035	08/21/06
18	01788B7	06233036	08/21/06
19	01789C1	06233063	08/21/06
20	01790C2	06233040	08/21/06
21	01791C3	06233041	08/21/06
22	01792D1	06233042	08/21/06
23	01793D2	06233043	08/21/06
24	01794D3	06233044	08/21/06
25	01795D4	06233045	08/21/06
26	01796D5	06233046	08/21/06
27	01797D6G	06233047	08/21/06

Seal Date: 08/21/2006
-Truss Design Engineer- Arthur R. Fisher

Florida License Number: 59687 1950 Marley Drive Haines City, FL 33844

Drawing#

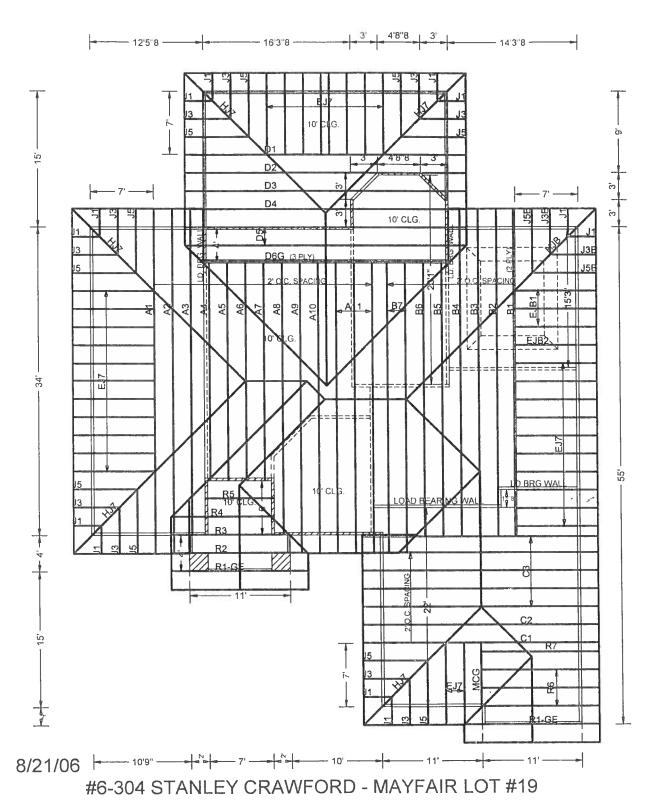
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#	Kei Description	Drawing#	Dute
37	01,807 J3B	06233057	08/21/06
38	01808MCG	06233039	08/21/06
39	01809R1-GE	06233058	08/21/06
40	01810R2	06233059	08/21/06
41	01811R3	06233060	08/21/06
42	01812R4	06233061	08/21/06
43	01813R5	06233062	08/21/06
44	01814R6	06233038	08/21/06
45	01815 R7	06233037	08/21/06

Description

Dof





Scale: 3/32" = 1'

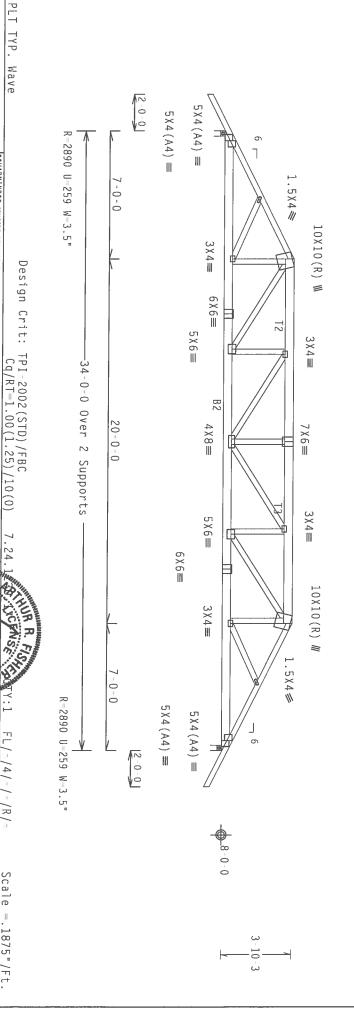
Top chord 2x4 SP #2 Dense :T2, T3 2x6 SP #2: Bot chord 2x6 SP #2 :B2 2x6 SP #1 Dense: Webs 2x4 SP #3

In lieu of structural panels or rigid ceiling use purlins brace TC @ 24" 0C, BC @ 24" 0C.

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.

#1 hip supports 7-0-0 jacks with no webs

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



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

33844 nn # 567

DESIGN SHOWN. THE SUITABILITY AND USE BUILDING DESIGNER PER ANSI/IPI) SEC. Z

THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

ALPINE

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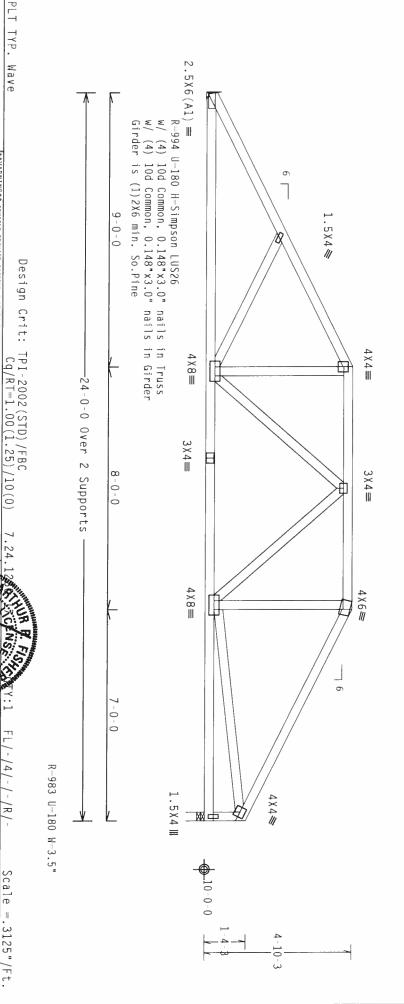
1SZY4R7 Z02

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

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

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

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Alpine Engineered Products, Inc. 1950 Marley Drive Hames City, FL 33844 (cate of . on # 567

BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2

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***IMPORTANT**TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR ANY FATURE TO BRITCH FREE PRODUCTS, THC. SHALL HOT BE RESPONSIBLE FOR ANY DEVEATION FROM THIS DESIGN. ANY FATURE TO BRITCH HE FRONCES IN CONTRACADE AND FATURE THE FRONCES OF THE FRANCH CHIT HE FROM FATURE THE FRONCES OF THE FRANCH CHIT HE FROM FATURE THE FROM FATURE FROM FATURE

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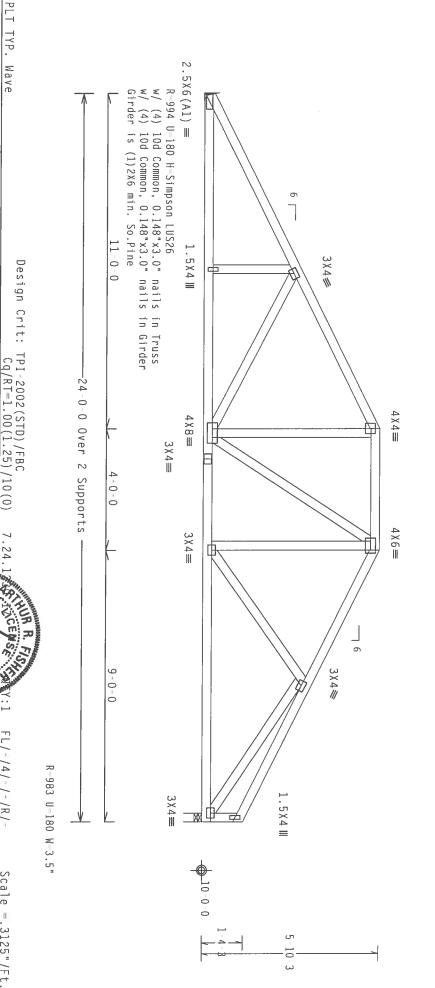
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Top Bot H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information. chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3

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

In lieu of structural panels or rigid ceiling use purlins brace TC @ 24" 0C, BC @ 24" 0C.

Deflection meets L/240 live and L/180 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.
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Alpine Engineered Products, Inc.

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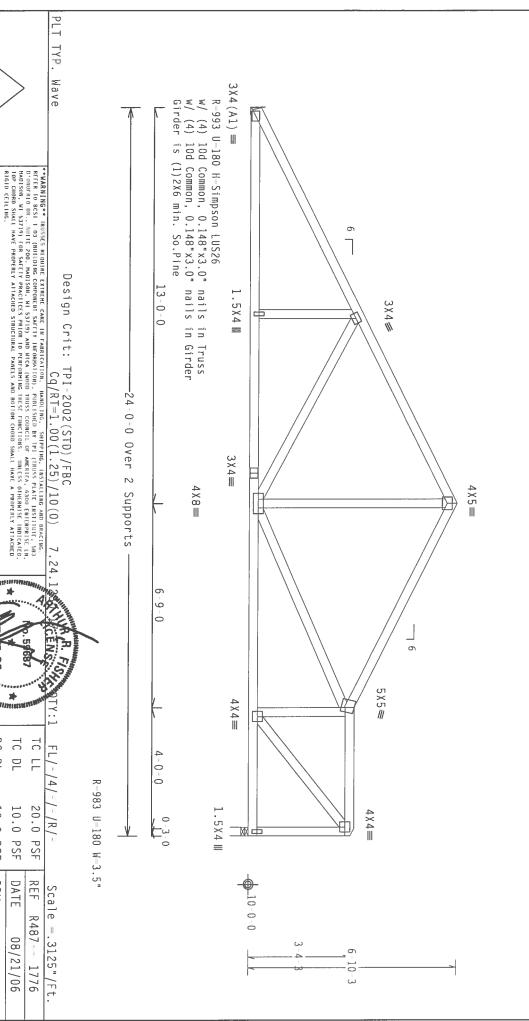
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110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED located within 4.50 ft from roof edge, CAT II, EXP DL=5.0 psf, wind BC DL=5.0 psf.) bldg, not B, wind TC

Right end vertical not exposed to wind pressure.

In lieu of structural panels or rigid ceiling use purlins brace TC @ 24" 0C, BC @ 24" 0C.



Alpine Engineered Products, Inc.

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IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

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PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN:
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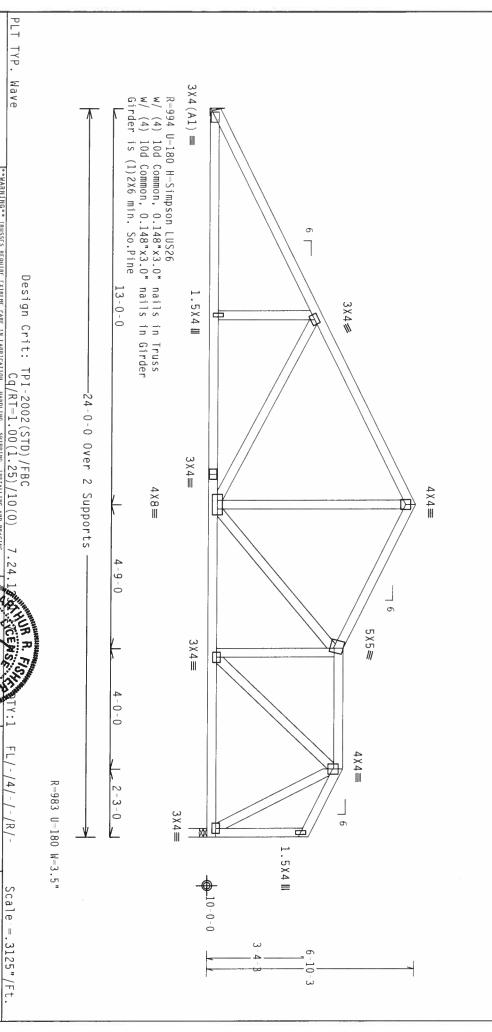
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Right end vertical not exposed to wind pressure

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.



Alpine Engineered Products, Inc. 1950 Marley Drive Hannes City, FL 33844 cate of A n # 567

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IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

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HARNING TRUSSES REQUIRE EXTRIME CARE IN TABRICATION, INNOCING, SHIPPING, INSTALLING AND BRACING, RETER TO BEST 1 03 (BUILDING COMPONEN) SAFITY INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 0 "OHORRIO DA "SUITE ZOO, ANDISON, HI 53719) AND META THOOD PROSES COUNCIL OF AFREKA, 6300 ENTERPRISE IN-THAISON, HI 53719) FOR SAFITY PRACTICES PRIDE TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOITOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOITOM CHORD SHALL HAVE A PROPERLY ATTACHED REGID CEILLING.

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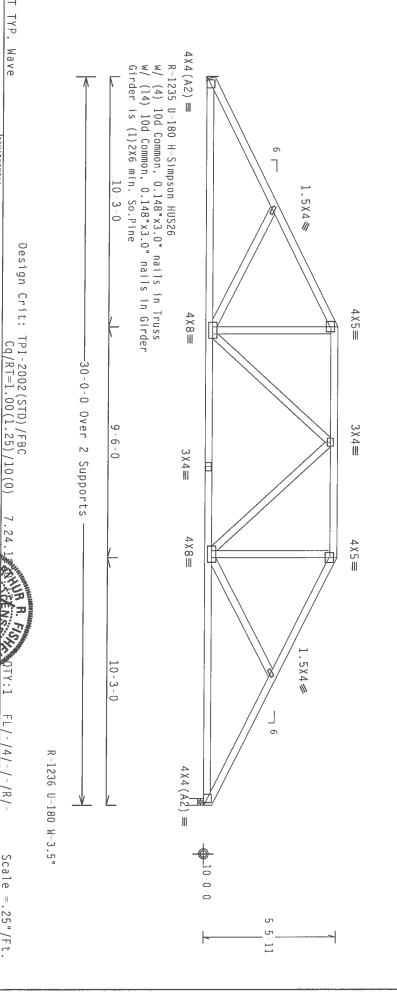
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H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information. Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP #2 Dense #2 Dense #3

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

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

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



IMPORTANTFURBLEN A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ARE TROUBLES, THE: SHALL NOT BE RESPONSIBLE FOR ANY DEFIALIDE FROM HIS DESIGN: ANY FALLINE TO BUILD HIE ROUSE IN COMMENSURE HITH PET:

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Alpine Engineered Products, Inc. 1950 Marley Drive

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H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information. Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844 TYP. ALPINE Wave 4X4(A2) = Girder is (1)2X6 min. So.Pine w/ (4) 10d Common, 0.148"x3.0" nails in Truss R=1229 U=180 H=Simpson HUS26 (14) 10d Common, 0.148"x3.0" nails in Girder **IMPORTANT** THRHISH A COPY OF THIS DESIGN TO THE HISTALLATION CONTRACTOR.

ALPHRE ENGINEERD PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIST DESIGN: ANY FALLURE ID BUILD THE RUSSS IN CONTRONANCE WITH PIT.

BY ANY FALLURE OF THE STATE OF THE STA **WARNING** IRUSSES REDUIRE EXTREME CARE IN FABRICATION, HANDEING, SHIPPING, INSTALLING AND BRACING RETER TO SECTION 20 (BUILDING COMPONENT SALLEY MOORBACING), PUBLISHED BY FIT (TRUSS PLATE INSTITUTE, 593 D'OHOFRIO BR. SUITE ZOO, HALLONG), HIS 53719) AND HECA (MODO BRUSS COUNCIL ON AFRICA, ADDO ENTERPRISE LA, HANDESON, HIS 53719) AND HECA FORDERSE LA, HANDESON, HIS 53719 AND FOR FOR THE CONTROL OF THE CONTRO 6 1.5X4 W 12 - 3 - 03X4# Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 4 X 5 ≡ 4 X 8 == 30-0-0 0ver 0 \sim 0 3 X 4 ≡ Supports 4 X 8≡ $3X4 \equiv$ In lieu of structural panels or brace TC @ 24" OC, BC @ 24" OC. 110 mph wind, 15.00 ft mean hgt, located within 4.50 ft from roof DL=5.0 psf, wind BC DL=5.0 psf. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. WILLIAM H. FIS ORVS ATE OF 69687 3X4/ 1.5X4 W 3 X 4 ₩ [2-3-0]R * rigid ceiling use purlins ASCE 7-02, CLOSED bldg, not edge, CAT II, EXP B, wind TC BC DL BC LL TC DL TC LL DUR.FAC. 01.LD. FL/-/4/-/-/R/ R=1375 U=180 W=3.5" 4X4(A2) == 40.0 20.0 1.25 10.0 PSF 10.0 PSF 0.0 PSF K2-0-0 V PSF PSF HC-ENG DATE REF DRW HCUSR487 06233027 Scale R487--=.25"/Ft. DAL/AF 12788 08/21/06 1779

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lop chord 2x6 SP #2 :T1 2x4 SP #2 Dense: Bot chord 2x4 SP #2 Dense :B5, B6 2x6 SP Webs 2x4 SP #3 #2:

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.

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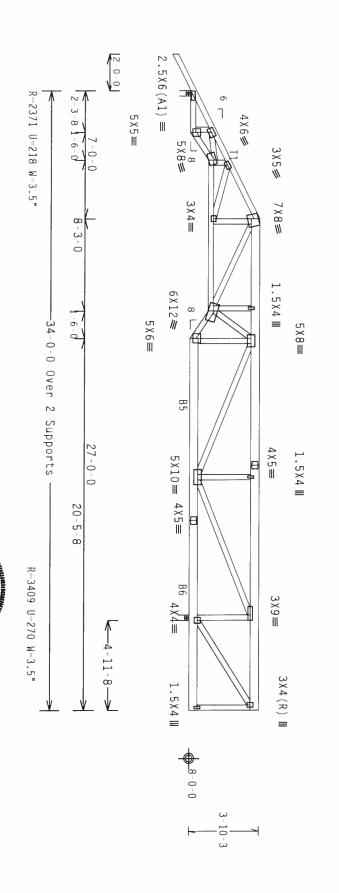
COMPLETE TRUSSES REQUIRED

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.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails

in each row to avoid splitting.

Right end vertical not exposed to wind pressure

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



HARNING TRUSSES REQUIRE TERREME CARE IN FABRICATION, MARDITHG, SHIPPING, INSTALLING AND BRACING, BERGING OF THE CRUSS PLATE INSTITUTE, \$433 D'HOUTEN OR BEST I DIS (BUILDING COMPONENT SAFELY), SATELY RANDISON, HI 53719) AND MICA (MOOD TRUSS COUNCEL OF AMERICA, SADO THICERRESE LI, MADISON, HI 53719) FOR SAFELY PRACTICES PRIOR TO PREFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING. Design Crit: TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0)

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Alpine Engineered Products, Inc. 1950 Marley Drive Ilannes City, FL 33844 "Geate of / on # 567

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ATEOF . 59687 90' 1810P. * BC LL BC DL TC DL TC LL SPACING DUR.FAC. TOT.LD. FL/-/4/-/-/R/-

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DATE REF

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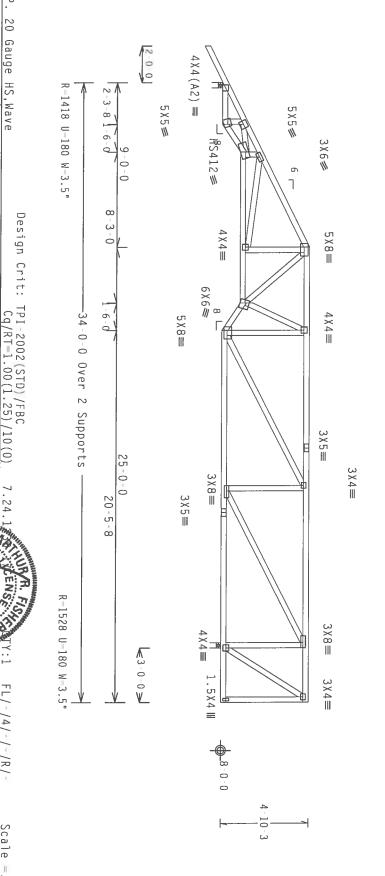
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In lieu of structural panels or rigid brace TC @ 24" OC, BC @ 24" OC. ceiling use purlins

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

Right end vertical not exposed to wind pressure.

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Alpine Engineered Products, Inc. Ilames City, FL 33844 ALPINE

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BESIGN SHOWN.

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CENSE 0.59687 WAL ENGINEER MANNE R * SPACING FL/-/4/-/-/R/-

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DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL	FL/-/4/-/-/R/-
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	SEQN- 12740	HC-ENG DAL/AF *	DRW HCUSR487 06233031	DATE 08/21/06	REF R487 1783	Scale =.1875"/Ft.

24.0"

JRFF-

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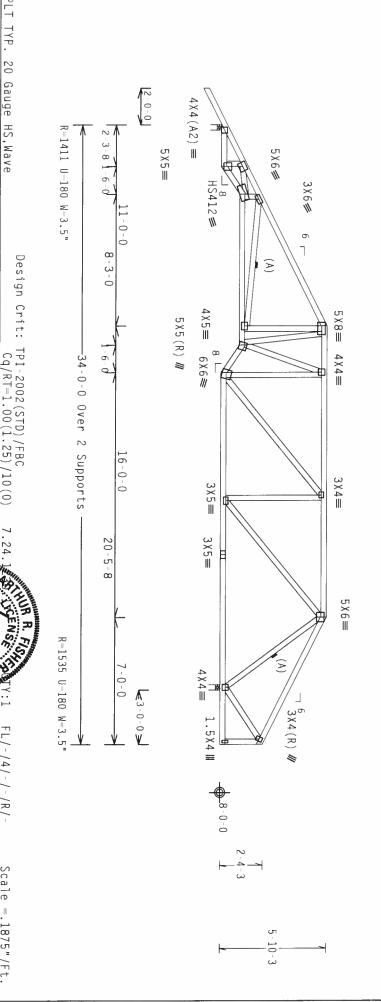
 $\widehat{\geq}$ Continuous lateral bracing equally spaced on member.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.

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

Right end vertical not exposed to wind pressure.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



Alpine Engineered Products, Inc.

ALPINE

IMPORTANTTURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC., SMALL HOT BE RESPONSIBLE FOR ANY DEVLATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE REMOSE IN CONFORMANCE WITH THE OR FABRICATING. HANDLING, SHIPPING, INSTALLING A BRACTING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF WINS (MATIONAL DESIGN SPEC, BY ARRAY AND THE APPLICABLE PROVISIONS OF WINS (MATIONAL DESIGN SPEC, BY ARRAY AND THE APPLICABLE PROVISIONS OF WINS (MATIONAL DESIGN SPEC, BY ARRAY AND THE APPLY CONNECTOR PLATES ARE HADE OF 20/18/166A (M.H/S/K) ASIM A653 GRADE 40/60 (M.K/H,S) GALV STEEL, APPLY

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DRW HCUSR487 06233032

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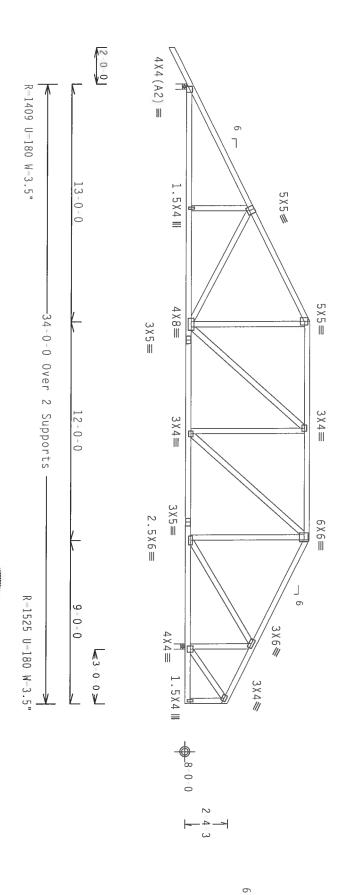
20 Gauge HS, Wave

In lieu of structural panels or rigid ceiling use purlins 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.

Right end vertical not exposed to wind pressure

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



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

PLT TYP.

Wave

WARNING IRUSSES RECOMME EXTREME CAME IN FARRICATION. MANDIING. SHIPPING. INSTALLING AND BRACING. REFER TO REST TO S (BUILDING COMPONENT SAFETY IN ORACLING). PRISTREME SHEEP I (PRISS PLATE INSTITUTE, 483 D'OHOURID DE, SUITE ZOO, MADISON, HI 53719) AND MECA (MODO BRUSS COUNCELL OF ANERLAS, 6300 ENTERPRISE LIN. HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNIT SO OTHERWISE HIDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED REGED CELLING.

IMPORTANTDURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE OF A REPORT OF THE THIS DESIGN. ANY FAILURE TO BUILD THE HUSSES IN CONCERNANCE WITH THE THE FRANCISCON FRANCISCON THE THIS CREATER. AND THE THIS CREATER AND THE THIS CREATER AND THE THIS CREATER AND THE THIS CONTRACTOR PLATES ARE HADE TO 70/18/16/04 (H.H.S.) AND THE THIS CONTRACTOR PLATES ARE HADE TO 70/18/16/04 (H.H.S.) AND THE THIS CONTRACTOR THE THIS CONTRACT

Alpine Engineered Products, Inc. 1950 Marley Drive
Haines City, FL 33844
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BUILDING DESIGNER PER ANSI/IPT I SEC

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08/21/06 1785

REF DATE

Scale = .1875"/Ft R487--

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

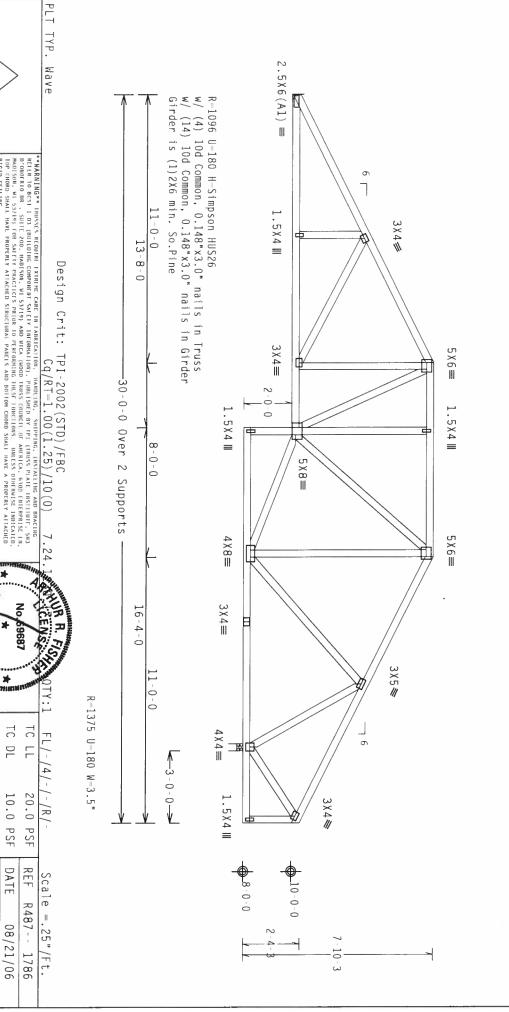
H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.



Alpine Engineered Products, Inc. 1950 Marley Drive Hames City, FL 33844 fcate of / n # 567

ALPINE

RIGID CEILING

IMPORTANTTHRHISH A COPY OF THIS DISIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE PRODUCTS. THE SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE RUSS IN COMPORANCE WITH THE PROVISIONS OF HOS (MATIONAL DESIGNS SPIC. BY AREA) AND THE CONTROL OF THE PROVISIONS OF HIS (MATIONAL DESIGNS SPIC. BY AREA) AND THE CONTROL OF THE PROVISIONS OF HIS SEASON OF THE STORM AND THE CONTROL OF THE SEASON OF THE

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H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

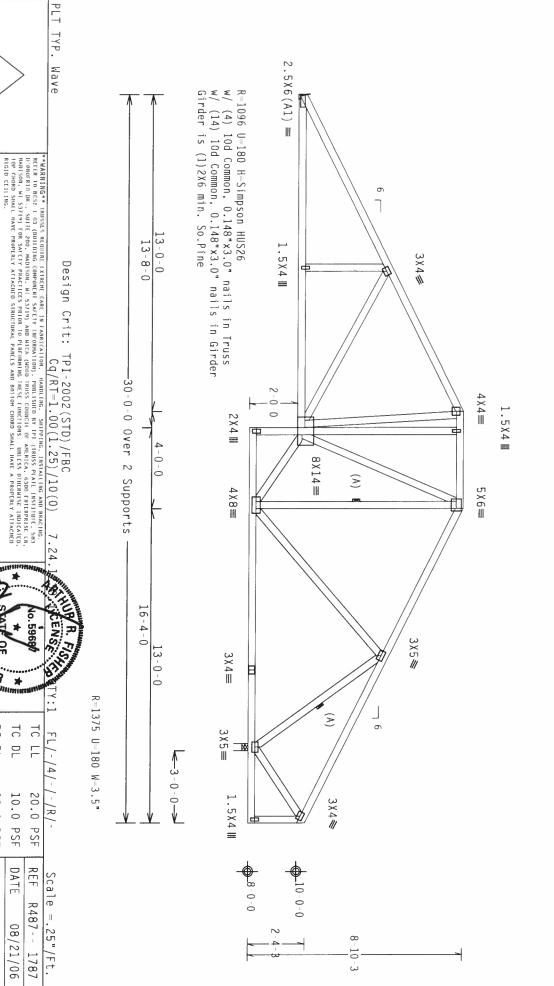
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\mathrm{.}$

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

(A) Continuous lateral bracing equally spaced on member.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.



Alpine Engineered Products, Inc. 1950 Marley Drive

ALPINE

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

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Haines City, FL

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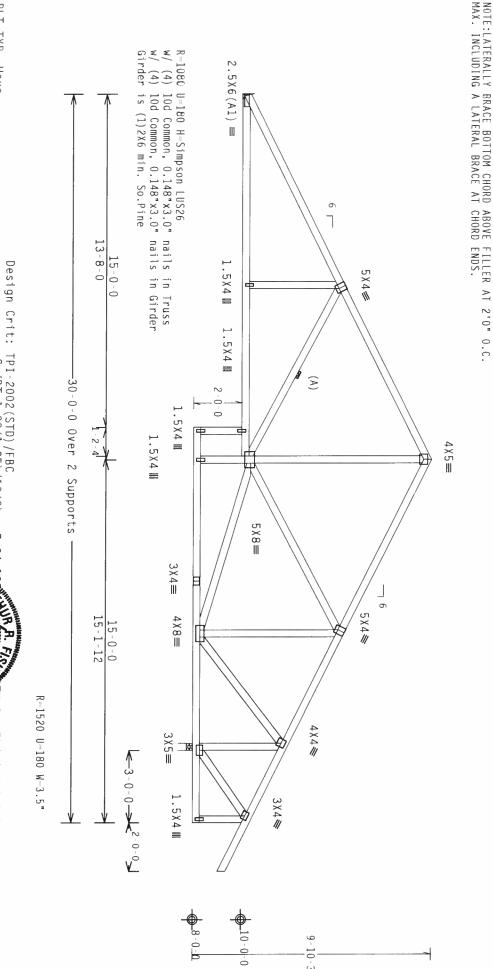
H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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

(A) Continuous lateral bracing equally spaced on member.



Alpine Engineered Products, Inc. 1950 Marley Drive TYP. Cate of A ALPINE Wave 33844 n # 567

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ENS * BC DL BC LL SPACING TC DL DUR.FAC. TC LL TOT.LD. FL/-/4/-/-/R/-40.0 10.0 20.0 24.0" 1.25 0.0 10.0 PSF

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DATE REF

08/21/06

Scale

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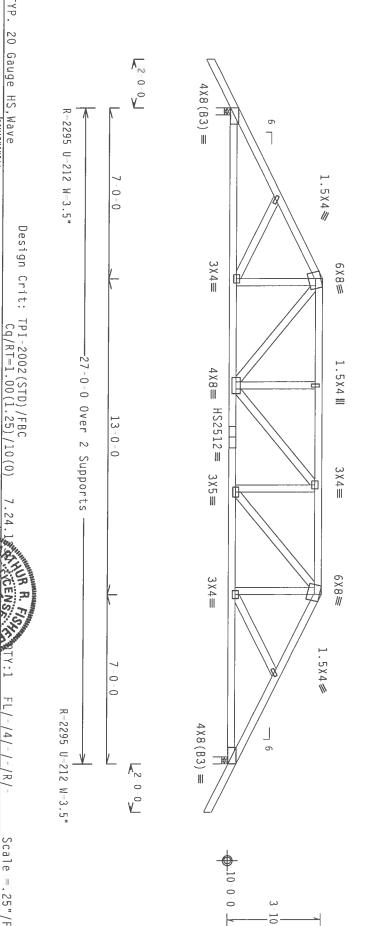
Top chord 2x4 SP # Bot chord 2x4 SP # Webs 2x4 SP # #2 Dense #2 Dense #3

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

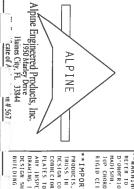
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

#1 hip supports 7-0-0 jacks with no webs

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



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MARNING PROSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IPI (TRUSS PLAIE INSTITUTE, 503 D'OHOMERIO BR., SUILE ZOO, HADISON, HE 53719) AND MECA (MODO FRUSS CONNECT LO FAREERA, 6300 ENTERPRISE LM, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HISS CHURCLIONS. DHESS DHIERMISE (MOTANTE). TOP CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED.

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BY ANY DETVATION FOR THIS SHALL NOT BE RESPONSIBLE FOR ANY DETVATION FOR THIS SHALL BY ANY FAILURE TO BUILD THE TRUSS IN CONTRACTOR PROPERTY.

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DESIGN SHOWN. THE SHITABILITY AND USE OF THIS COMPONENT FOR BUILDING DESIGNER PER ANSI/TPI I SEC. 2.

HUR R. F. NAL ENGINEER ORIOP. TATE OF 6. 59687 BC LL BC DL TCTC LL SPACING DUR.FAC. TOT.LD. FL/-/4/-P /-/R/ 40.0 10.0 PSF 20.0 1.25 10.0 24.0" 0.0 PSF PSF PSF PSF

> DATE REF

08/21/06

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Scale = .25"/Ft. R487--

DRW HCUSR487 06233042

DAL/AF

SEQN-HC-ENG

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JRFF-

1SZY487

Z02

Top chord 2x4 SP #2 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.

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

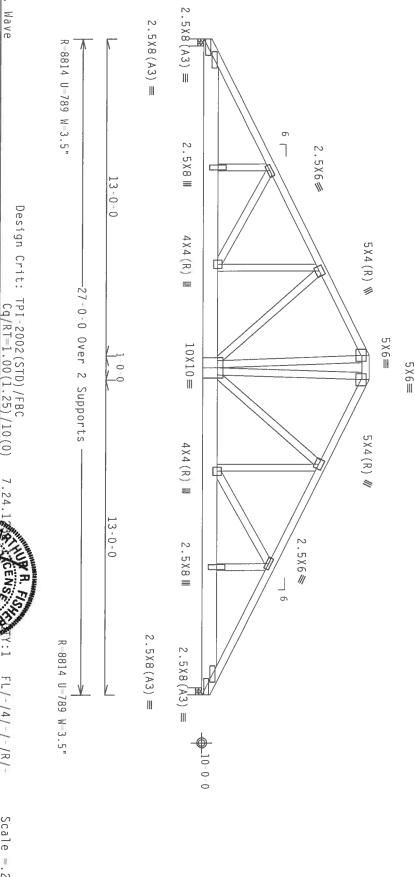
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\mathrm{cm}$

COMPLETE TRUSSES REQUIRED

Nailing Schedule: 1 Top Chord: 1 Row @ Bot Chord: 1 Row @ Webs: 1 Row @

Nailing Schedule: (12d_Common_(0.148*x3.25*,_min.)_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @ 5.00" o.c.
Webs : 1 Row @ 4" o.c.
Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting.

Girder supports $30 \cdot 0 \cdot 0$ span to BC one face and $2 \cdot 0 \cdot 0$ span to TC/BC split opposite face.



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WARNING IRUSSES REQUIRE EXTREHE CARE IN FARRICATION, INABELING, SHIPPING, INSTALLING AND BRACING, RETER TO BEST TO QUALIDING COMPONENT SACTUM INFORMATION), PHALTSHOP BY FIT (TRUSS PLATE INSTITUTE, 593 D'OUNDERLO BE, SULIE ZOD, MALISON, MI SAVID) AND MEA (MODO BRUSS COUNCEL OF MERICA, SODO ENTERPAISE LH, MADISON, MI 53719) FOR SACTICES PRIOR TO PREFORMING THESE THICTIONS. HALESS OTHERALSE HOLICATED TOWN CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANICLS AND BOTTON CHORD SHALL HAVE A PROPERLY ATTACHED BRIGGID CEILING.

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Wave

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Alpine Engineered Products, Inc. 1950 Marley Drive

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flaines City, FL

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BUILDING IS THE RESPONSIBILITY OF

CENSE lo. 59687 TE OF * BC DL BC LL TC DL TC LL FL/-/4/-/-/R/-

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Scale = .25"/Ft.

Haines City, FL 33844

SPACING

24.0"

JRFF-

1SZY487

Alpine Engineered Products, Inc. 1950 Marley Dave Haines City, FL 33844 In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC. Provide (2) 16d common nails (0.162"x3.5"), toe nailed at Top chord Provide (2) 16d common nails (0.162"x3.5"), toe nailed at Bot chord Top chord 2x4 SP Bot chord 2x4 SP TYP. ALPINE Wave #2 Dense #2 Dense **MADORTANT**FURNISH A ROPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ANY TAILURE TO BUILD THE PRODUCTS. THE CONTRACTOR ANY TAILURE TO BUILD THE RESONANCE ATHY HIP THE PROPERTY OF THE SECOND THE SECOND THE SECOND THE PROPERTY OF THE SECOND THE SECOND THE SECOND THE PROPERTY OF THE SECOND TH **WARNING** IRUSSES REQUIRE EXTREME CARE IN FABRICATION. MANDLING. SHIPPING, INSTALLING AND BRACING REFER TO BEST 1 03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY FPT (TRUSS PLATE INSTITUTE, 583 D'OHOFRIO BR. SHITE ZOO, MADISON, AN ESSTED BY 180 (TRUS COUNCEL FOR AFRICA, 6300, ENTERPRISE IN, MADISON, AN ESSTED PRACTICES PRIOR TO PERFORMING INESE FUNCTIONS. UNITES OTHERWISE INDICATED. THE CORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CFILING. -2 0 0 — Design Crit: $2X4(A1) \equiv$ M 450 U=180 W=3.5" 9 TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 7-0-0 Over 3 Supports 110 mph wind, 15.00 ft mean hgt, ASCE $\overline{7}$ 02, CLOSED within 4.50 ft from roof edge, CAT II, EXP B, wind wind BC DL=5.0 psf. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. THUR R. * CENSE Ng. 59687 CORVO TATE OF R-77 U-180 R=182 U=180 * Y:31 FL/-/4/-/-/R/-BC LL BC DL TC DL TC LL DUR.FAC. w 10 ىب 8 0 0 40.0 1.25 10.0 PSF 20.0 10.0 PSF 0.0 PSF bldg, not located TC DL=5.0 psf, PSF PSF DATE REF SEQN-HC-ENG DRW HCUSR487 06233049 Scale =.5"/Ft. R487--DAL/AF 08/21/06 12722 1799

SDACING

24.0"

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Z02

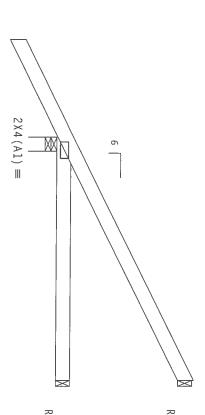
Top chord 2x4 SP Bot chord 2x4 SP #2 Dense #2 Dense

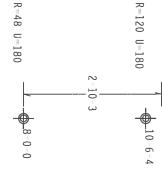
In lieu of structural panels or rigid ceiling use @ 24" 0C, BC @ 24" 0C. purlins to brace

Provide Provide ~~ 16d common nails $(0.162^*x3.5^*)$, toe nails $(0.162^*x3.5^*)$, toe nailed nailed at Top chord. at Bot chord.

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

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.







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

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Wave

HARNING IRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING, RETER TO BEST I 03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 0 "OHORRIO BR. SHITE 200, MADISON, 4H 153719) AND MICE (AND DEALS, GADOE ENTERPRISE LE, MADISON, 4H 153719) AND MICE (AND MICE), GADOE CHERREMES LE, MADISON, 4H 153719) AND TO CHERREMES AND T

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

APPINE TRIGHTERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN. ANY FALLMER TO BRILD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION, SHIPPING, INSTALLING A BRACHE OF RUSSES.

DESIGN CONFORMS WITH APPLICABLE PROPESTORS OF AND SHALLON, SHIPPING, BY ATARA) AND THE CONNECTION FLATES ARE HADE OF 70/18/16GA (M.H/S/K) ASTA (MAS) GRADL, CAPGO (M.K/M.S) GALV, STEEL. APPLY PLATES TO CACH FACE OF TRISS AND. INICESS OTHERWISE, COLORD WITH SDESTIGN, POSITION PER BRANHES SHOOL.

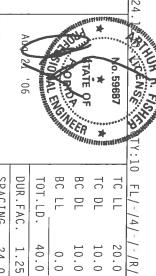
AND INSPECTION OF PLATES FOLUMED BY (I) SHALL BE PER ANNEX MOT PHI 2002 SEC.3. A SEA, ON THIS DESIGN SHOWN.

BRANHOG INDICANTES ACCEPTANCE OF PROFESSIONAL UNCHATERING RESPONSIBILITY SOLICY FOR THE RUSS COMPONENT BUSINGHM. THE SULLABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING DESIGNER PER ANSLIPPING THE SULLABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING DESIGNER PER ANSLIPPING THE SULLABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING DESIGNER PER ANSLIPPING THE SULLABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING DESIGNER PER ANSLIPPING THE SULLABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING DESIGNER PER ANSLIPPING THE SULLABLITY OF THE

Alpine Engineered Products, Inc. 1950 Marley Drive

ALPINE

Hannes City, FL 33844



					*********	ilita
SNIJVES	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
		SF	SF	-F	SF	- F
JRFF-		SEQN-	HC=ENO	DRW HC	DATE	REF F
JRFF- 1SZY487 Z02		12719	HC=ENG DAL/AF	DRW HCUSR487 06233050	08/21/06	REF R487 1800

.5"/Ft.

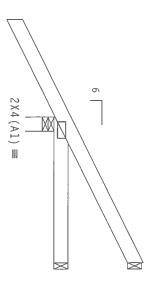
Top Bot chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense

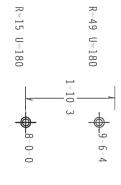
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord

DST. 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

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.





-2-0-0-R-317 U=180 W=3.5° 3 0 0 Over 3 Supports

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

TYP.

Wave

HARNING TRUSSES REDWIRE EXTREME CARE IN FABRICATION, HANDEING, SHIPPING, INSTALLENG AND BRACING, RELIER TO BEST I O3 (BUILDING COMPONEN I SAFETY INFORMATION), PUBLISHED BY FPI (RHSS PLAIE INSTITUTE, 583 D'OHODERIO BR. SUITE 700, MADISON, M. 153719), AND MECA (MODO FRUSS COUNCEL) OF ARRECA, 6300 ENTERPRISE LIM, MADISON, M. 153719, AND MECA (MODO FRUSS COUNCEL) OF ARRECA, 6300 ENTERPRISE LIM, TOP CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CEILLING.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPHRE ENGINEERED PRODUCTS, INC. SMALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FALLERE TO BUILED THE TRUSK IN CONTRAMACE WITH PI:

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Alpine Engineered Products, Inc.

ALPINE

Haines City, FL 33844 ficate of / in # 567



			THE PARTY OF THE P	TO NORTH	ER	**************************************	; MITTER
	SDACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL
	24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
	JRFF- 1SZY187 ZOZ		SEQN- 12720	HC-ENG DAL/AF	DRW HCUSR487 0623305	DATE 08/21/06	REF R487 1801

AL/AF 487 06233051

202

Scale = .5"/Ft.

Bot chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense

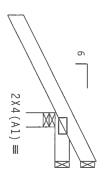
In lieu of structural panels or rigid ceiling use purlins to brace TC @ $24"\ 0C$, BC @ $24"\ 0C$.

chord. Provide (3) 16d common nails(0.162"x3.5"), toe nailed at Top

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

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

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



R=-110 U=1800-10-3 -8-6-4 35 U-180 _8-0-0



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

TYP.

Wave

MARNING RUSSES REQUIRE EXPREME CARE IN FAMBRICATION, MANDELING, SHIPPING, INSTALLING AND BRACING, METER TO BOSI I DO CONTROL COMPONENT SACTIVE INFORMATION), PUBLISHED BY FPI (TRUSS PLATE INSTITUTE, 583 D'OUNDFRIO DR., SUILE ZOD, AND AND SON, HI 53719) AND WICK MODD THUSS COUNCIL OF AMERICA, 500 CHIEFRENSEL LH, MADISON, HI 53719) FOR SACTIVE PRACTICES PRIOR TO PERFORMING THISE FUNCTIONS, UNLESS OTHERWISE HOUGANED, FOR CORD SHALL HAVE PROPERLY ATTACHED REGIO CELLING.

PROBUCTS, INC. SMALL NOT BE RESPONSIBLE FOR MAY DEVIATION FOR HIS DESIGN. ANY FAILURE TO BUILD HE RESULTS, INC. SMALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM HIS DESIGN. ANY FAILURE TO BUILD HE ROSS HE CORPORANCE WHIM PET.

BESTGAL CONFIDENCE METH APPLICABLE PROVISIONS OF JUDS (MATIGNAL DESIGN SPEC, BY ATRA) AND TET.

CONHECTOR PLAIES ARE MADE OF 20/10/1606 (H.H/S/S) ASTA MASS GRADE 40/50 (K.K/H.S) GALV. SIELE.

PLAIES 10 EACH FACE OF TRUSS AND. DIMESS OHERWISE LOCALIED ON HIS DESIGN. POSITION PER BRANHIGS 160A Z.

ANY HERSELTION OF PLAIES FOLLOWED BY C1) SMALL BE FER ANNEX AS OF THIS 2007 SEC.3.

ASSALAD HIS SECOND OF PLAIES AGE THAN LITTURE AS OFFICE HIS RESPONSIBILITY OF THE BRANHIGS 160A Z.

BRANHING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR HE TRUSS COMPONENT DESIGN SHOWN.

INE SULFABILITY AND NEED OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

Alpine Engineered Products, Inc.

ALPINE

Ilames City, FL

33844 in # 567



		No.	ining.	*	1186 1188
DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL
1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
	SEQN- 12721	HC-ENG DAL/AF	DRW HCUSR487 06233052	DATE 08/21/06	REF R487 1802

Scale =.5"/ft

24.0"

JRFF- 1SZY487 Z02

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

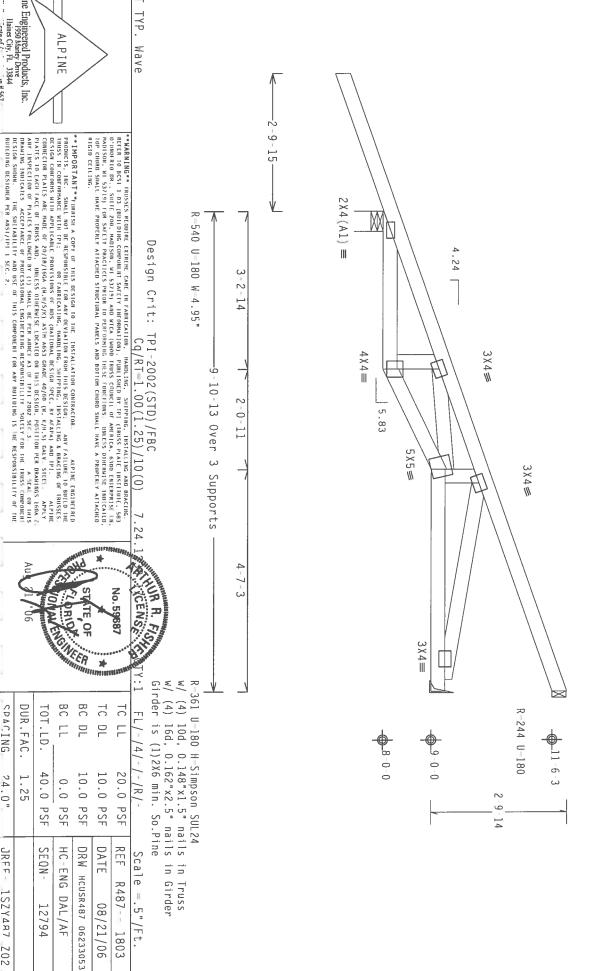
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Provide (2)16d common (0.162"x3.5")toe-nails at top chord

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

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

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



Alpine Engineered Products, Inc.

Haines City, FL 33844 cate of / n # 567

SPACING

24.0"

JRFF-

1SZY487

202

DUR.FAC. TOT.LD.

40.0

PSF

SEQN-

12794

SPACING

24.0"

JRFF-

1SZYAR7

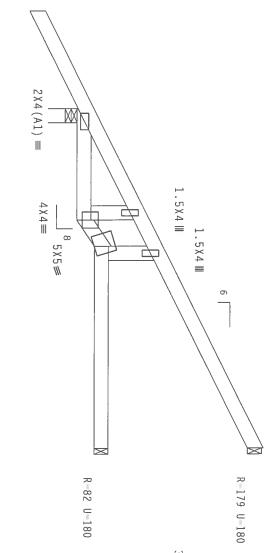
Top t chord 2x4 SP / t chord 2x4 SP / Webs 2x4 SP / #2 Dense #2 Dense #3

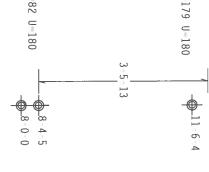
110 mph wind, 15.00 ft mean hgt, ASCE 7 02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

In lieu of structural panels or rigid ceiling use purlins @ 24" 0C, BC @ 24" 0C. to brace

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Provide Provide ~ ~ 16d common nails (0.162"x3.5"), toe nailed at Top chord. 16d common nails (0.162"x3.5"), toe nailed at Bot chord.





-2-0-0-

 \mathbb{R} 452 U=180 W=3.5" ú ά -7-0-0 Over 3 Supports 6 ω. 4-2 0

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

TYP.

Wave

WARNING IRUSSES REGUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING RETER TO BEST TO STALLING AND BRACING RETER TO BEST TO STALLING AND BRACING STELL BY THE RESERVENCE OF THE STALLING AND BRACING STALLING STELL BY THE STALLING AND STALLING S

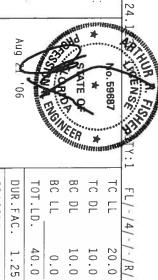
IMPORTANTJURNISH A COPY OF THIS DESIGN TO THE INVIALIATION CONTRACTOR. ANY FAILURE TO BUILD THE RESONANCE OF THE SESSONANCE OF THE PRODUCTS, THE. SHALLING BERKENOUS THE CRISTORY OF THE RISSES IN CONTRACANCE WITH THE THE SESSONANCE WITH THE SESSONANCE WIT ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF 1P11-2002 SEC DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLEL SULFABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE 02 SEC_3_ A SEAL ON THIS SOLELY FOR THE IRUSS COMPONENT

Alpine Engineered Products, Inc.

ALPINE

Haines City, FL 33844 Ficate of on # 567

BUILDING DESIGNER PER AUSI/IPI 1 SEC



Scale = .5"/Ft.

08/21/06 487 06233055

- 1							
	SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL
	24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
	JRFF- 1SZY487 ZO		SEQN- 12748	HC-ENG DAL/AF	DRW HCUSR487 062330	DATE 08/21/06	REF R487 1805

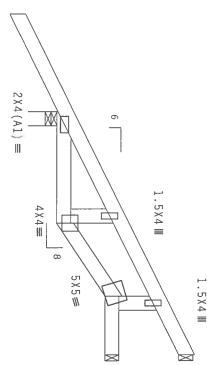
bldg, not located TC DL=5.0 psf,

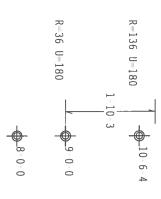
Bot chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3

In 24" lieu of structural panels 24" OC, BC @ 24" OC. or rigid ceiling use purlins 0.1 brace TC

> 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED within 4.50 ft from roof edge, CAT II, EXP B, wind wind BC DL=5.0 psf. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Provide (2 2 16d common nails (0.162"x3.5"), toe nailed at Top chord. 16d common nails (0.162"x3.5"), toe nailed at Bot chord.





10

-2-0-0-2-3-8 -5-0-0 Over

380

U=180 W-3.5"

3 Supports

1 - 6 - 0

1-2-8-1

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

TYP.

Wave

IMPORTANTFURBISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ARY FAILER! TO BUILD THE PRODUCTS, INC. SHALL NOT DE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN.

ARY FAILER! TO BUILD THE RRUSS IN CONFIDENCE THE PIPE.

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APPLY PIPE.

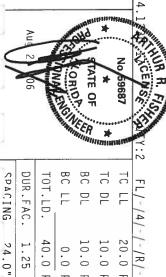
PLATES TO EACH FACE OF TRUSS, AND. DUBLESS OTHERHISE LOCATED ON THIS DESIGN. POSITION PER DRAWHIGE SHOW.

ANY INSPECTION OF PLATES TOLOROR DE VI) SHALL BE PIPE ANDREX AS OF THIS 2002 SEC 3.

ASS. AND THIS DESIGN OF PROFESSIONAL PROFESSIONAL PROFESSIONAL PROPERTY OF THE SHOWS COMPONENT DESIGN SHOWN THE SUITABLILLY AND SEC OF POSITION FOR THE SHOWS COMPONENT DESIGN SHOWN THE SUITABLILLY AND SEC OF POSITION FOR THE SHOWS COMPONENT DESIGN SHOWN THE SUITABLILLY AND SEC OF POSITION FOR THE SHOWS COMPONENT DESIGN SHOWN THE SUITABLILLY AND SEC OF POSITION FOR THE SHOWS COMPONENT DESIGN SHOWN THE SUITABLILLY AND SEC OF POSITION FOR THE SHOWS COMPONENT DESIGN SHOWN THE SUITABLILLY AND SEC OF POSITION FOR THE SHOWS COMPONENT DESIGN SHOWN THE SUITABLILLY AND SEC OF POSITION FOR THE SHOWS COMPONENT DESIGN SHOWN THE SUITABLILLY AND SEC OF POSITION FOR THE SHOWS COMPONENT DESIGN SHOWN THE SUITABLILLY AND SEC OF POSITION FOR THE SHOWS COMPONENT DESIGN SHOWN THE SUITABLILLY AND SEC OF POSITION FOR THE SHOWN THE SUITABLILLY AND SEC OF POSITION FOR THE SHOWN THE SUITABLILLY AND SEC OF POSITION FOR THE SHOWN THE SUITABLILLY AND SEC OF POSITION FOR THE SHOWN THE SUITABLILLY AND SEC OF POSITION FOR THE SHOWN THE SUITABLILLY AND SEC OF POSITION FOR THE SHOWN THE SUITABLILLY AND SEC OF POSITION FOR THE SHOWN THE SHOWN THE SUITABLILLY AND SEC OF POSITION FOR THE SHOWN THE SUITABLILLY AND SECOND THE SECOND TH

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



Ĺ	96	House	ENG	BOY SERMINE BO	i ~	9687
Ĺ				WILLIAM .	* ************************************	TEM TW
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	IC LL
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JRFF 1SZY487 Z02		SEQN- 12745	HC-ENG DAL/AF	DRW HCUSR487 06233056	DATE 08/21/06	REF R487 1806

Scale =

. 5

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

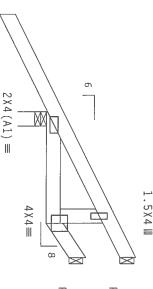
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

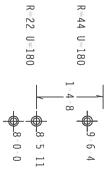
Shim all supports to solid bearing.

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

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord. Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.





1-10-3



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

PLT TYP.

Wave

***MARNING** FRUSES REQUIRE EXTREME CARE IN FABRICATION, IMABULUE, SUPPING, HISTALLING AND BRACING RETER TO REST I DE CONTROLOR AND STATE HISTINICE, SAIL TO REST I DE CONTROLORS, SAILE RESTRACT, AND SUBJECT SAILE FOR CONTROLORS, SAILE 200, MADISON, SI 5279) AND MESA (MODO TRUSS COUNCIL OF AMERICA, 6300 EMERGRAISE IN HARISON, MI 5279) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. MINESS OTHERWISE INDICATED, FOR CORRESIONAL HAVE A PROPERTY ATTACHED REGION CORRESIONAL HAVE A PROPERTY ATTACHED REGION CENTRAL HAVE A PROPERTY ATTACHED REGION CENTRAL HAVE A PROPERTY ATTACHED REGION CENTRAL CONTROLORS.

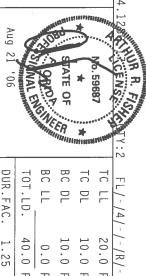
IMPORTANTTURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPY ALLERE TO BUILD THE PRODUCTS, INC. SHALL HOT DE RESPONSIBLE FOR ANY CALLERE TO BUILD THE IROSES IN CONTRAMACE ATHIN PET.

BESTOR CONFERNS HIM APPLICABLE PROVISIONS OF THIS CAPACITIO, HANDLING, SHIPPTHG, INSTALLING BRACTHG OF TRUSSES, DESIGNE CONFERNS AND FOIL APPLICABLE PROVISIONS OF THIS CAPACITY AND THE AREA OF THE PROVISIONS OF THIS CAPACITY AND THE AREA OF THE PROVISIONS OF THIS CAPACITY AND THE AREA OF THE TRUSSES OF THE TRUSS ARE THE APPLY BLAILES TO EACH FACE OF TRUSS AND, UNILESS OFFENDES HOW ALL OF THIS DESIGN POSITION FER BRAHMES HOW, AND THE APPLY BLAILES OF THE TRUSS AND THE APPLY BRAILES OF THE TRUSS ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSEBILITY SOURCE TOR THE TRUSS COMPONENT BUSINESS HOW AND THE SHARLLY AND USE OF THIS COMPONENT FOR ANY SHELL PROVISIONAL BUSINESS COMPONENT BUSINESS FOR ANY SHEET AND THE TRUSS COMPONENT BUSINESS FOR THE TRUSS COMPONENT BUSINESS FOR THE TRUSS COMPONENT BUSINESS FOR

Alpine Engineered Products, Inc. 1930 Marley Drive Haines City, Ft. 33844

ALPINE



				- MILIN	/29 (681)	Minn	Y:2
SNISTADS	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL	FL/-/4/-/-/R/-
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF	/-/R/-
JRFF- 1SZY487 ZO2		SEQN- 12746	HC-ENG DAL/AF *	DRW HCUSR487 06233057	DATE 08/21/06	REF R487 1807	Scale = .5"/Ft.

MCG)

Bot chord 2x4 SP #2 Dense chord 2x6 SP #2 Webs 2x4 SP #3

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

SPECIAL LOADS

BC BC From 62 PLF at 0.00 to 62 PLF at From 20 PLF at 0.00 to 20 PLF at 438 LB Conc. Load at 0.06, 2.06, 4.06 =1.25) 7.00

From

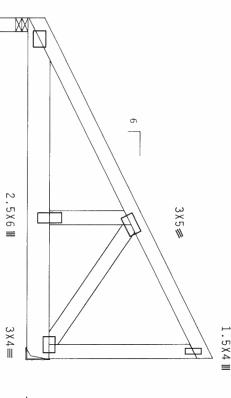
SPECIAL LOADS

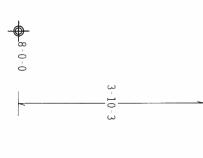
-- (LUMBER DUR.FAC.=1.25 / PLATE From 62 PLF at 0.00 to 6 From 20 PLF at 0.00 to 2 438 LB Conc. Load at 0.06, 433 LB Conc. Load at 6.06 PLATE TE DUR.FAC.=1.25)
62 PLF at 7.00
20 PLF at 7.00
20 PLF at 7.00
, 2.06, 4.06

Right end vertical not exposed to wind pressure

In lieu of structural panels or rigid ceiling use purlins to brace TC @ $24\,^{\circ}$ OC, BC @ $24\,^{\circ}$ OC.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.





R=1023 U=180 H=Simpson LUS26

3X4(A1) =

× Girder is (1)2X6 min. So.Pine w/ (4) (4) 10d Common, 0.148"x3.0" nails in Truss 10d Common, 0.148"x3.0" nails in Girde nails in Girder

R = 1300U = 180W=3.5"7-0-0 Over 2 Supports



TYP.

Wave

Alpine Engineered Products, Inc.

Haines City, FL 33844

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

APPENDUCTS, INC. AND THE RESPONSIBLE FOR ANY DEPLATION ROBE THIS DESIGN. ANY FAILURE TO BUTLO THE ROSUMES. THE CONTRACTOR THE PERSON OF THE PROPERTY OF THE PERSON OF THE PROPERTY OF THE PERSON OF THE PROPERTY OF THE PERSON OF



a rette	IC LL	20.0 PSF	REF R487 1808
* muun	TC DL	10.0 PSF	DATE 08/21/06
ER	BC DL	10.0 PSF	DRW HCUSR487 06233039
CINI TO BOOK	BC LL	0.0 PSF	HC-ENG DAL/AF
and a	TOT.LD.	40.0 PSF	SEQN- 12797
	DUR.FAC.	1.25	
	SDACING	24.0"	JRFF 1577187 702

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

See DWGS All015EE0405 & GBLLETIN0405 for more requirements.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.

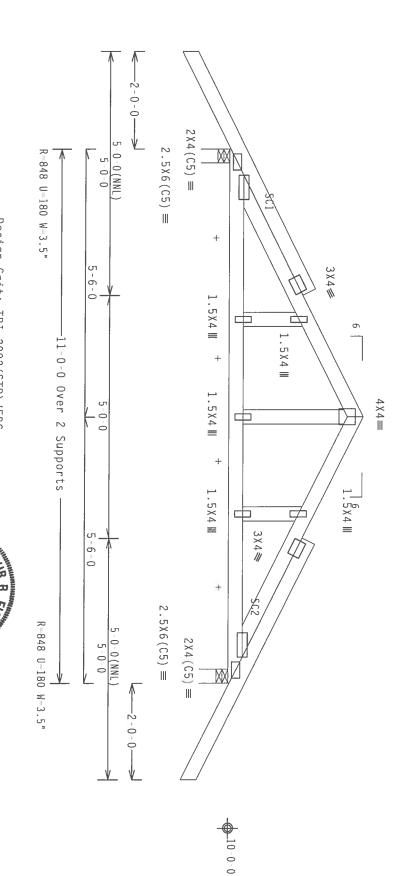
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,.$

Gable end supports 8" max rake overhang

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.

Stacked top chord must NOT be notched or cut in area (NNL). Dropped top chord braced at 24" o.c. intervals. Attach stacked top chord (SC) to dropped top chord in notchable area using 3x4 tie-plates 24" o.c. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice to chord in notchable area using 3x6. Splice top

+ Member to be laterally braced for horizontal wind loads Bracing system to be designed and furnished by others.



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST 1 03 (BUILDING COMPONENT SAFETY LING ORNAL TOD), PUBLISHED BY THE (RMSS PLATE INSTITUTE, 503) D'ONDERETO BE, SITIE 700, ANDISON, MI 53719) AND HECA (MODO BINAS COUNCEL OF AMERICA, 6300 ENTERPRISE UN HADISON, MI 53710) FOR SAFETY PRACTICES PRIOR TO PERCOMPHIG THESE FUNCTIONS. BHILESA, DIMERS OF THE PRACTICES PRIOR TO PERCOMPHIG THESE FUNCTIONS. BHILESA A PROPERLY ATTACHED Design Crit: TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0)

TYP.

Wave

IMPORTANTTIBULISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO BRIDD THE PRODUCTS, INC. SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BRIDD THE RUSS IN COMPORANCE WITH THE PI. OR FARRICATION, MADD THIS, SHIPPING, INSTALLIDA BRACING OF BRUSSES, DESIGN CONFORMS WITH APPLICABLE PROPYISIONS OF HIS GIVATIONAL DESIGN SECE, WITAFAN, AND IPI. APPLY COMPECTION PARTES ARE AND OF 20/101/16GA (M. 1/372) ASTH AGES GRADE 40/60 (M. K/M.S) GALV. SHELL APPLY PARTES TO EACH FACE OF TRUSS AND. UNILESS OTHERWISE TOCACED ON THIS DESIGN, POSITION PER DRAWINGS 16GA. Z. ANY HISPECTION OF PLATES OLLOWED BY (1) SMALL BE PER AMBEX AS OF TPIT 2002 SEC. 3. A SEAL ON THIS DRAWING INDICALES ACCENTANCE OF PROFESSIONAL TREGITERING RESPONSIBILITY SOLELY FOR THE BUSSES COMPONENT OF THE DESIGN SHOWN. HIS SOLENATOR TO THE THE SECOND SHOULD SHOW THE BUSSES OF THE THESE COMPONENT OF THE DESIGN SHOWN.

DESIGN SHOWN. THE SUITABILITY AND USE BUILDING DESIGNER PER AUSI/IPI I SEC. 2.

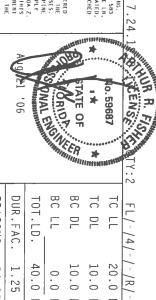
Alpine Engineered Products, Inc.

ALPINE

RIGID CEILING

flaines City, FL

33844 in # 567



		7	STARRED !	EER	* Immu	INITES
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JRFF- 1SZY187 ZO2		SEQN- 12809	HC-ENG DAL/AF	DRW HCUSR487 06233058	DATE 08/21/06	REF R487-1809

Scale

5"/Ft

Haines City, FL 33844

SPACING

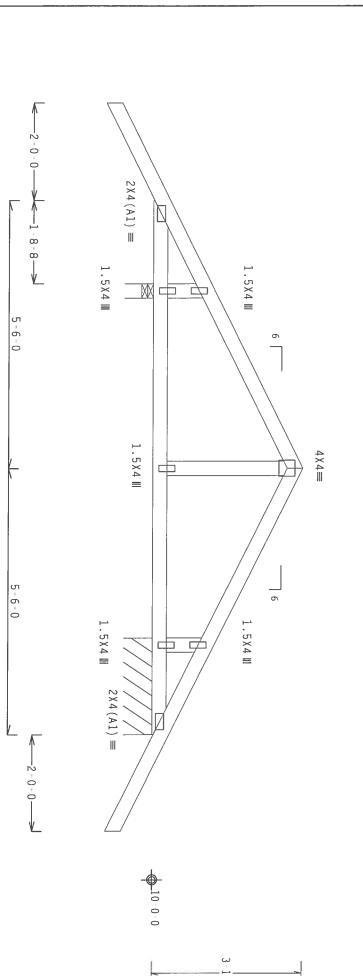
24.0"

JRFF-

1SZY487

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\cdot$

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



Alpine Engineered Products, Inc. 1950 Marley Drive Hames City, FL 33844 **WARNING** TRUSSES ROUTE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, RETER TO BESI 1-03 (BUILDING COMPONENT SAFETY IN TORRACHING, PUBLISHED BY FI (TRUSS PLATE INSTITUTE, 543) D'ONOFRIO DE., SUITE ZOO, ANDISON, HI SAJIO) AND WICA (MOOD TRUSS COUNCIL O AMERICA, 5000 ENTERPRISE LH, MADISON, HI SAJIO) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED FOR SOME THE PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED FOR CORROS SHALL HAVE A PROPERTY ATTACHED REGIO CETLING.

ALPINE

PLT

TYP.

Wave

Design Crit:

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

698

U = 180

W=3.5"

-11-0-0 Over

2

Supports

R = 238

PLF U=90

PLF W=2-0-0

/-/R/-

Scale =.5"/Ft.

R487--

20.0

PSF

10.0 PSF

DATE REF

08/21/06 1811

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE STRUCTS, INC. SMALL NOT BE RESPONSIBLE FOR ANY DETAILOR FROM THIS DESIGN:

RUSS IN CONFORMACE WITH DEL.

RUSS IN CONFORMACE WITH DEL.

PESIGN CONFORMACE WITH APPLICABLE PROVISIONS OF NOS (INSTINCTION, SHIPPING, SHIPPING, INSTALLING REBACING OF REMISES,

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS (INSTINUAL DESIGN SPEC, RY ATRADA AND THI.

CONFICTION PLAIRS ARE AND OF 20/19/16/AC, (M.1/5/24) ASTH AGS 50 GRADE GADE, OF (M. KYILS) GAVE STEEL.

PLAIES TO EACH FACE OF TRUSS AND, UNLESS OHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAHINGS 160A Z.

ANY HISPECTION OF PLAIES FOLLOWED BY (1) SMALL BE FER ANYEX AS OF THIS 2002 SEC. J.

ASSAULT AND ALL THE SULFABLLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

BUILDING DESIGNER PER ANSI/IPT I SEC. Z.

LICENS Vg/.59687 ORIOP. ATE OF × BC DL BC LL TC DL DUR.FAC. TOT.LD. TC LL FL/-/4/-

24.0" 1.25 JRFF-ISZYART

SPACING 202

40.0

PSF

SEQN-

10.0

PSF

DR W

HCUSR487 06233060

0.0 PSF

HC-ENG

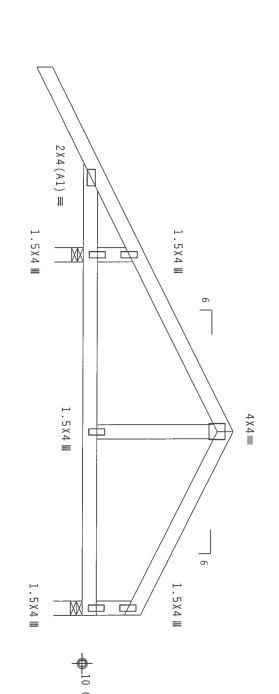
DAL/AF 12739

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 brace TC @ 24" OC, BC @ 24" OC.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED located within 4.50 ft from roof edge, CAT II, EXP DL=5.0 psf, wind BC DL=5.0 psf. B, wind TC

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.





2-0-0

1 8 8

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

TYP.

Wave

#ARNING PRISSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SUPPRING, INSTALLING AND BRACING, RETER TO RESI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISION BY TPI (RRISS PLATE INSTITUTE, 583 0-000FRIO BR., SUFIC 200, HADISON, HI 53719) AND NECA (MODO RUSS COUNCIL OF ANEREA, 6300 ENTERPRISE LIN, HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PER ORBHING THESE FUNCTIONS. HILES OTHERHISE INDICATED, TOP CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED REGID CEILING.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILINE ENGINEERED PRODUCTS. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILINE TO BUILD THE RESULT OF THE PRODUCTS. IN CONTRACTOR THE PER PROPERTY OF THE PROPERTY

Alpine Engineered Products, Inc. 1950 Marley Drive
Hames City, FL 33844
Teate of t

ALPINE



0.0 PSF

DRW HCUSR487 06233061

08/21/06

DAL/AF

REF DATE

1812

Scale =.5"/Ft. R487--

PSF

SEQN-HC-ENG

12718

JRFF-

1SZY487

B, wind TC

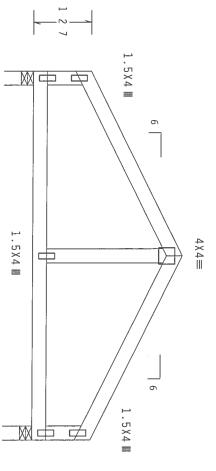
Top chord 2x4 SP / Bot chord 2x4 SP / Webs 2x4 SP / #2 Dense #2 Dense #3

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

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7 02, CLOSED located within 4.50 ft from roof edge, CAT II, EXP DL-5.0 psf, wind BC DL-5.0 psf.

Fasten rated sheathing to one face of this frame



_10-0-0

312 \subseteq 180 Ξ 3.5 و ω -7-7-0 Over \sim Supports 9-8 312 U=180 W-3.5"

1.5X4 III

1.5X4 W

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

PLT

TYP.

Wave

HARNING INUSSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSALLING AND RACTING, RETER TO BEST I 03 (BUILDING COMPONENT SAFETY INFORMATION), PURILISHED BY THE (TRUSS PLAIE INSTITUTE, 503 D'UNDERLO BR. SUITE 700, MADISON, 41 53719) AND METCA (ADDO FRUSS COUNCEL OF AFRETAX, 6300 ENTERPRISE LIMINADISON, 41 53719), FOR SAFETY PRACTICES PRIOR TO PERFORMING INFST FUNCTIONS. UNITES OTHERWISE TROICANED, TOP CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED REGIO CEILING.

IMPORTANTFURHISH A COPY OF THIS DESIGN 10 THE INSTALLATION CONTRACTOR.

ALPTHE CHGINERED PRODUCTS. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN: ANY FAILURE TO BUILD THE RUSSES IN COMPORANCE WITH 1PT:

BUSSES IN COMPORMANCE WITH APPLICABLE PROPYSIONS OF THOS (MATIDAL DESIGN SECE, BY AFREYA) AND TPT.

APPLICABLE COMPORMS WITH APPLICABLE PROPYSIONS OF THOS (MATIDAL DESIGN SECE, BY AFREYA) AND TPT.

APPLICABLES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LUCATED ON THIS DESIGN. POSITION PER DRAWHIGS 160A 2.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TPTI 2002 SEC. 3.

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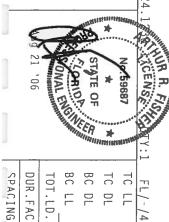
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TPTI 2002 SEC. 3.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BY ANY INSPECTION OF TREATMENT AS OF TRANSPORTED BY (1) SHALL BY ANY INSPECTION OF TRANSPORTED BY (1) SHALL BY ANY INSPECTION OF TRANSPORTED BY (1) SHALL BY ANY INSPECTION OF TRANSPORTED BY DESIGN SHOWN. THE SUITABILLITY AND USE BUILDING DESIGNER PER ANSI/IPI 1 SEC. 2.

Alpine Engineered Products, Inc.

33844 m#567

ALPINE



	1.25	DUR.FAC.
SEQN-	40.0 PSF	TOT.LD.
HC-ENG DAL/AF	0.0 PSF	BC LL
DRW HCUSR487 06233062	10.0 PSF	BC DL
DATE	10.0 PSF	TC DL
REF R487 1813	20.0 PSF	TC LL
Scale = .5"/Ft.	/R/-	FL/-/4/-/-/R/

24.0"

JRFF-

1SZY487

Z02

Haines City, FL 33844 Teate of / 20 m # 567

SPACING

24.0"

JREF-

1SZY487

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

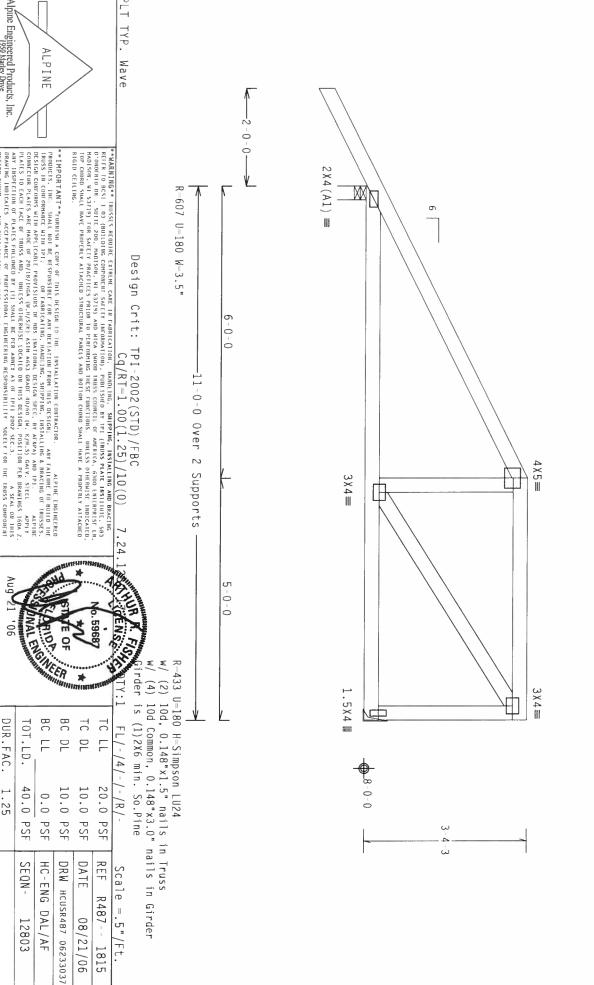
 ${\tt H}={\tt recommended}$ connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

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

Right end vertical not exposed to wind pressure.

In lieu of structural panels or rigid ceiling use purlins brace TC @ 24" 0C, BC @ 24" 0C. to

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



Alpine Engineered Products, Inc.

Hames City, FL 33844 "icate of / m # 567

BUILDING DESIGNER PER ANSI/IPI 1 SEC

THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

SPACING

24.0"

JRFF -

1SZY487

202

DUR.FAC.

1.25

CLB WEB BRACE SUBSTITUTION

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

NOTES:

BRACING. 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 WITH APPROPRIATE

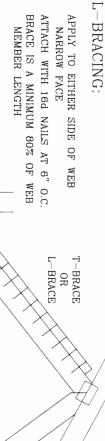
	· · · ·		
NN	20 20	2X3 (WEB I
2X8 2X8	2X6 2X6	OR 2	MEMBER SIZE
		2X4 2X4	BER
			SPE
2 H	2 H	2 T	CIF
ROWS	ROWS	1 ROW 2 ROWS	SPECIFIED CLE BRACING
51	0.1	5.	CLB
:			ALTERNA T OR L-BRACE
2X6	2X4 2X6	2X4 2X6	R L-
0, 0,	J. —	J. —	LTER -BRA
		1	ALTERNATIVE BRACING
- 5	∾ ⊷	2 -	E BR/ SCA
1-2X8 2-2X6(*	1-2X6 2-2X4(*)	1-2X4 2-2X4	CIN(
6(*)	4(*)	44	BRACING SCAB BRACE

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

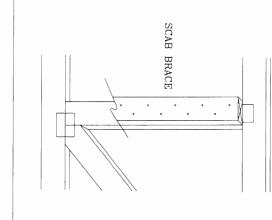
BRACE IS A MINIMUM 80% OF WEB ATTACH WITH 16d NAILS AT 6" O.C. MEMBER LENGTH NARROW FACE



T-BRACE L-BRACE



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



THIS DRAWING REPLACES DRAWING 579,640

THE BOTEDING	EPTANCE OF IGN SHOWN, THE	IUNAL DESIGN SPEC, ASTM A653 GRADE S OTHERWISE LOCATED OWED BY (1) SHALL	MINING.		REGRMING	
	I I I I I I I I I I I I I I I I I I I	ORIO PICE	STATE OF JEE	≯ mun	59687	CENSCOTO
SPACING	DUR. FAC.	TOT. LD.	BC LL	BC DL	TC DL	TC LL
		PSF	PSF	PSF	PSF	PSF
			-ENG	DRWG	DATE	REF
			MLH/KAR	BRCLBSUB1103	11/26/03	CLB SUBST.

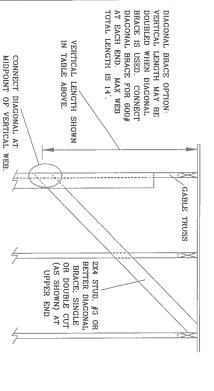


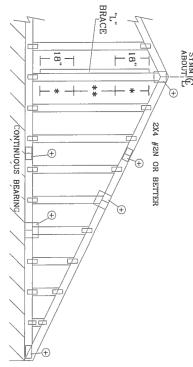
EX-VARNING* TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, BRACING. REFER TO BCSI 1-03 (BUILDING CODPENKIT SAFETY INFORMATION), PUBLISHE PLATE INSTITUTE, 583 D'UNIBRIO DR. SULTE 200, AMDISON, VII. 537(9) AND VICA (VIII) OF AMERICA, 6300 ENTERPRISE I.N. HADISON, VII. 537(9) FOR SAFETY PRACTICES PRIDE THESE FUNCTATED. TOP CHORD SHALL HAVE PROPERLY STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID DE

WHORDFANIWA FUNNISH CIPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPIN PRODUCTS, INC., SHALL MIT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, J. BUILD THE TRUSS IN CONFIRMANCE WITH TPJ OF FABRICATION, HANDLING, SHAPING, IN BRAINKO OF TRUSSES. DESIGN CONFIRMS WITH APPLICABLE PROVISIONS OF MIS CANTIFOR A FEAR AND OF THE ALFINE CONNECTION PLATES ARE HADE OF FORDS AND, UNLESS ON THIS DESIGN, POSITION FER DRAWNINGS IGNO. Z ANY INSPECTION OF PLATES FOLLOW BE PER MANEY AS OF TPJ 1-2002 SEC. 3. A SEAL ON THIS DESIGN, DESIGN RESPONSIBILITY SOLLEY FOR THE TRUSS COMPONENT DESIGN SUITABLILITY AND USE OF THIS COMPONENT DESIGN.

ASCE 7-02: 110 MPH WIND SPEED, 15 MEAN HEIGHT, ENCLOSED, 1.00, **EXPOSURE** \bigcirc

																	_			_	_		_			_	_			
		l	M	A	X			i /	\]	3]				V	E	R	T	'I	С.	A	L		L	E	N		קר דר	Ή		
		1	2	,,		0	. (7.			1	6	,,		0	. (J.			2	4	"		0	. (<u> </u>		SPACING	CABI	
			j j	ک.) J	TIT	I I	U T T	_ Ω IJ) 	().)	T T T.	I I	ひてコ					\(\frac{1}{2}\)) j	TIT.		ひて]]]	SPECIES	2X4 GABLE VERTICAL	
	STANDARD	STUD	#3	#2	#1	STANDARD	STUD	#3	#1 / #2	STANDARD	STUD	#3	#2	#1	STANDARD	STUD	#3	#1 / #2	STANDARD	STUD	#3	#2	#1	STANDARD	STUD	#3	#1 / #2	GRADE	BRACE	
	4' 11"	5' 0"	5 0"	5' ω ₁	5' 4"	4' 9"	4, 9,	4' 9"	4' 11"	4. 5.	4' 6"	4' 6"	4' 9"	4' 10"	4' 4"	4' 4"	4' 4"	4' 5"	3' 10"	4' 0"	4'0"	4, 5,	4' 3"	3' 9"	3' 9"	3' 9"	3' 10"	BRACES	NO	
	7' 5"	8, 5,	8' 5"	8' 5"	8' 5"	7' 3"	8, 5,	8, 5,	8, 5,	6' 5"	7' 6"	7' 7"	7' 8"	7' 8"	6' 4"	7' 4"	7' 4"	7' 8"	5' 3"	6' 1"	6' 2"	6' 8"	6' 8"	5' 2"	6' 0"	6' 0"	6' 8"	GROUP A	(1) 1X4 "L"	
	7' 5"	8' 7"	8,	9' 1"	9' 1"	7' 3"	8, 5,"	æ,		ල _.	7' 6"	7' 7"		8' 3"	6' 4"	7' 4"		7' 10"		1	6, 5,,	7' 2"	7' 2"	5 2"	6' 0"	6' 0"	6' 10"	GROUP B	BRACE *	
	9' 10"	10' 0"	10' 0"	10' 0"	10' 0"	9' 7"	10' 0"	10' 0"	10' 0"	8' 6"	9′ 1″	9' 1"	9' 1"	9' 1"	8' 4"	9' 1"	9' 1"		6' 11"	7' 11"	7' 11"	7' 11"	7' 11"	6' 9"	7' 11"	7' 11"	7' 11"	GROUP A	(1) 2X4 "L"	
SYMM IS	9' 10"	10' 6"	10' 6"	10' 9"	10' 9"	9' 7"	10' 0"	10' 0"	10' 3"	8' 6"	9' 6"	9' 6"	9' 9"	9' 9"	8' 4"	9' 1"	9' 1"	9' 4"	6'11"	B' 0"	8' 1"	8' 6"	8' 6"	6' 9"	7' 11"	7' 11"	8' 1"	GROUP B	" BRACE *	
2	11' 11"	11' 11"	11' 11"	11' 11"	11' 11"	11' 11"	11' 11"	11' 11"	11' 11"	10' 10"	10' 10"		10' 10"	10' 10"		10' 10"	10' 10"	10' 10"	9' 4"	9' 5"	9' 5"	9 5"	9' 5"	9' 1"	9, 5,	9' 5"	9' 5"	GROUP A	(2) 2X4 "L"	
	12' 3"	12' 6"	12' 6"		12' 10"	11' 11"	11' 11"	11' 11"	12' 3"	11' 1"	11' 4"	11' 4"	11' 8"	11' 8"	10' 10"	10' 10"	10' 10"	11' 1"	9' 4"	9' 11"	9' 11"	10' 2"	10' 2"	9' 1"		9' 5"	9' 8"	GROUP B	BRACE **	
	14' 0"								14' 0"			14' 0"			12' 11"													GROUP A	(1) 2X6 "L"	
	14' 0"	-	14' 0"	- 1	- 1	14' 0"	"	14' 0"	14' 0"		14' 0"		14' 0"		12' 11"			14' 0"				13' 5"		- 1	12' 3"		12' 9"	GROUP B	" BRACE *	
	14' 0"		14' 0"	"					14' 0"		14'0"			14' 0"	- 1	14'0"		14' 0"	14' 0"		14' 0"		- 1		- 1	14′0"	14′0"	GROUP A	(2) 2X6 "L"	
	14' 0"		14' 0"		14' 0"						14' 0"	14'0"		14' 0"	14'0"			14' 0"		14' 0"					- 1	14' 0"	14′0″	GROUP B	BRACE **	





REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH

GROUP B: HEM-FIR #1 & BTR #1	SPRUCE-PINE-FIR	BRACING GROUP SPECIES AND GRADES:
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GABLE TRUSS DETAIL NOTES

GABLE END SUPPORTS LOAD FROM 4' 0" PROVIDE UPLIFT CONNECTIONS FOR 80 PLF OVER LIVE LOAD DEFLECTION CRITERIA IS L/240. CONTINUOUS BEARING (5 PSF TC DEAD LOAD). OUTLOOKERS WITH 2' 0" OVERHANG, OR 12"

PLYWOOD OVERHANG.

ATTACH EACH "L" BRACE WITH 10d NAILS.

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

10 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.

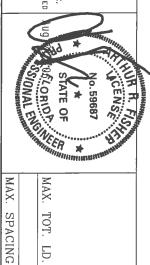
MEMBER LENGTH.

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

NARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. **RECER** TO BESI 1—32 BBILDING COMPONENT SAFETY INFRANCIONS, PUBLISHED BY TPI CIRUSS PLATE INSTITUTE. SP3 DYBUFFIND BY SUITE ZOD, MADISON, VI. 53719) AND VICA CYDDD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN. HADISON, VI. 53719 FOR SAFETY PRACTICES PRIDR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERVISE INDICATED, TOP CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PANALES AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED SHALL HAVE A SHALL HAV	**VARNING** TRUSSES REDUIRE EXTREME CARE IN FABRICATING HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESI 1-03 GBULLDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TEY CTRUSS PLATE INSTITUTE. SO3 DYNAFRID DS. SUITE 200. HADISON, VI. 53719) AND UTCA VOIDD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN. HADISON, VI. 53719) FOR SAFETY PRACTICES REIGH TO PERFORMING STRUCTURAL PAWELS AND BOTTOH CHORD SHALL HAVE A PROPERTY ATTACHED RIGHD CITLING. ***IHPDETIANT*** FURNISH COPY OF THIS DESIGN IO INSTALLATION CONTRACTOR ALPINE ENGINEERED PRODUCTS, INC. SHALL HAVE BOSIGN FOR ANY PAY FAILURE TO BUILD THE TRUSSES. DESIGN COMPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSSES. DESIGN COMPONSIBLE FOR ANY DEVIATION, SHIPPING, INSTALLING & SHIPPING, INSTALLING BRACHED AVAILABLE FOR ANY DEVIATION FOR HIS CANTIDAL DESIGN SPEC, BY AFEADA AND TPL. ALPINE CONNECTOR PLATES ARE HADE OF 20/18/166A (VALYS/X) ASTM A653 GRADE 40/40 (VALYS/X) ASTM FOR THE STRUCKTOR PLATES ARE HADE OF 20/18/166A (VALYS/X) ASTM A653 GRADE AVAILABLE DEVIATION FOR THIS DESIGN, PROSITION FOR PLATES ARE HADE OF 20/18/166A (VALYS/X) ASTM A653 GRADE AVAILABLE DEVIATION FOR THIS CONNECTOR PLATES ARE HADE OF 20/18/166A (VALYS/X) ASTM A653 GRADE AVAILABLE DEVIATION FOR THIS CONNECTOR PLATES ARE HADE OF 20/18/166A (VALYS/X) ASTM A653 GRADE AVAILABLE DEVIATION FOR THIS CONNECTOR PLATES ARE HADE OF 20/18/166A (VALYS/X) ASTM A653 GRADE AVAILABLE DEVIATION FOR THIS CONNECTOR PLATES FOLLOWED BY OT SHALL BE PROFESSIONAL ENGINEERING RESPONSIBILITY SOLETY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABLETY AND USE OF THIS COMPONENT FOR THE BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI I SEC 2	**VARNING** TRUSSES REDUIRE EXTREME CARE IN FABRICATING HANDLING, SHIPPING, INSTALLING AND BRACING: REFER TO BESI 1-03 GBULDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TRY CTRUSS PLAIE INSTITUTE. S93 DYNAFRID BS. SUITE 200: MADISON, VI. 53719) AND VICA VORDIO TRUSS COUNCIL OF AMERICA. 6300 ENTERPRISE LN. MADISON, VI. 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED RIGHD CITLING. ***IMPDIRTANI*** FURNISH COPY OF THIS DESIGN IN INSTALLATION CONTRACTOR RAPINE ENGINEERD PRODUCTS, INC., SHALL HAVE BENSIONE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BRIGHD THE TRUSSES. DESIGN CONFERNS WITH THE OR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BRACHED THE TRUSSES. DESIGN CONFERNS WITH APPLICABLE PROVISIONS OF HIS CANTIDONAL DESIGN SPEC. BY AFEADA AND TRI. ALPINE CONNECTION PLATES ARE HADE OF 20/18/16GA VAHYS/XX ASTH A653 GRADE 40/40 (V.X.X.X.X.) GALV SITEL APPLY PLATES. TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED BY ATEADA AND USE OF THIS CONFORMANCE TO FASILATIVE SHALL BE ANY INSPECTION OF PLATES FOLLOWED BY OT SHALL BE SUTFABILITY AND USE OF THIS COMPONENT FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUTFABILITY AND USE OF THIS COMPONENT FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUTFABILITY AND USE OF THIS COMPONENT FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUTFABILITY AND USE OF THIS COMPONENT FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUTFABILITY AND USE OF THIS COMPONENT FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUTFABILITY AND USE OF THIS COMPONENT FOR THE TRUSS COMPONENT DESIGN SHOWN.
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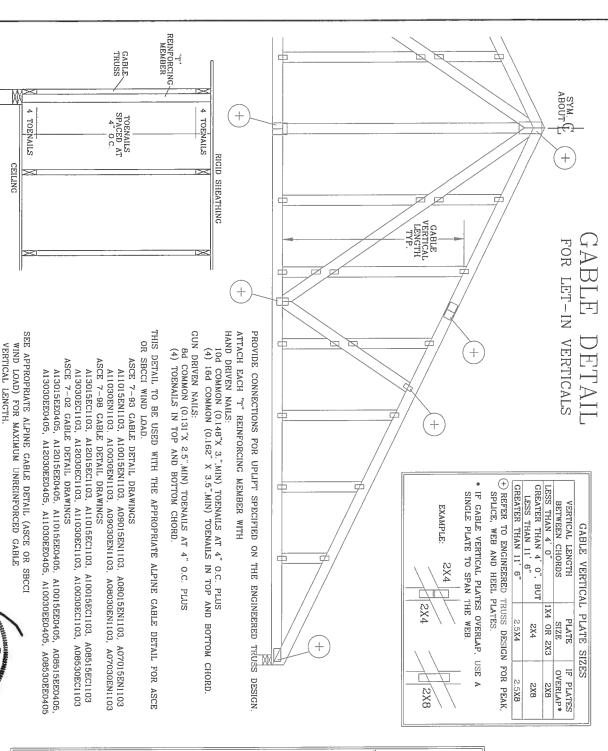
ALPINE ENGINEERED PRODUCTS, INC. POMPANO BEACH, FLORIDA

ALPINE



24.0"

LD. 60 PSF				
PSF				
	-ENG	DRWG	DATE	REF
		A11015EE0405	04/15/05	ASCE7-02-GAB11015



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

TOENAIL

TOENAIL

2X4 "T" REINFORCING MEMBER

2X6 "T" REINFORCING MEMBER

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

WEB LENGTH INCREASE W/ "T" BRACE

WIND SPEED	"T" REINF.	200	
AND MRH	MBR. SIZE	טפננו	ASCE
110 MPH	2x4	2 01	10 %
15 FT	2x6	40 %	50 %
110 MPH	2x4	2 01	10 %
30 FT	2x6	50 %	50 %
100 MPH	2x4	10 %	10 %
15 FT	2x6	30 %	50 %
100 MPH	2x4	2 01	10 %
30 FT	2x6	40 %	40 %
90 MPH	2x4	20 %	2 01
15 FT	2x6	20 %	40 %
90 MPH	2x4	2 01	2 01
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	2 01	20 %
30 FT	2x6	2 01	30 %

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

WING REPLACES DRAWINGS GAB98117 876,719 & HC26294035

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

MAX S	DUR	MAX				
MAX SPACING 24.0"	DUR. FAC.	MAX TOT. LD. 60 PSF				
ING		LD.				
Ñ	ANY	60				
4.0"		PSF				
	L		-ENG	DRWG	DATE	REF
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WARNHOW TRUSSES REDUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACHNG. REFER TO BESI 1-03 (BUILDING COMPINENT SAFETY INFORMATION), PUBLISHED BY TPY (TRUSS PLATE INSTITUTE, 583 D'ONDFRIO DR, SUITE 260, MADISON, WI 53719) AND WTCA (WOODD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHARD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RESIDENCE.

IMPRITANT 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 CONCEDENANCE WITH THI, OF FABRICATION, HANDLING, SHIPPING, INSTALLING SEC. BRACING OF TRUSSES. DESIGN CONFERNS WITH APPLICABLE PROVISIONS OF NOS (MATIGNAL DESIGN SPECE AVIA FLATA OF THE CONFECTIOR PLATES ARE HADE OF 2018/1664 CM-M-X/NA ASTH AGS GRADE AVIA FLATA OF THE CONFECTIOR PLATES ARE HADE OF 2018/1664 CM-M-X/NA ASTH AGS GRADE AVIA FLATA OF THE STANKEN AS OF THI 1-2002 SEC 3. A SEAL ON THIS DRAWING INDICATES ACCURATES AND THE AVIA FLATES FOLLINGED BY (T) SHALL BE PER ANNEX AS OF THI 1-2002 SEC 3. A SEAL ON THIS DRAWING INDICATES ACCURATES AND THE STANKEN AS OF THE THIS ODPONSIBILITY 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 I SEC 2

ALPINE ENGINEERED PRODUCTS, INC. POMPANO BEACH, FLORIDA

ALPINE

NATRISE, NCENS, No. 59687 TATE OF ONAL ENGINEERING CORIOP. Pannan