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:1T1E487-Z0112130329

Truss Fabricator: Anderson Truss Company

Job Identification: 6-347--Will Myers Morris -- , **

Truss Count: 71

Model Code: Florida Building Code 2004
Truss Criteria: ANSI/TPI-2002(STD)/FBC

Engineering Software: Alpine Software, Versions 7.25, 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:

 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-CNBRGBLK-A11015EC-GBLLETIN-A11015EE-PIGBACKA-PIGBACKB-



Seal Date: 10/12/2006

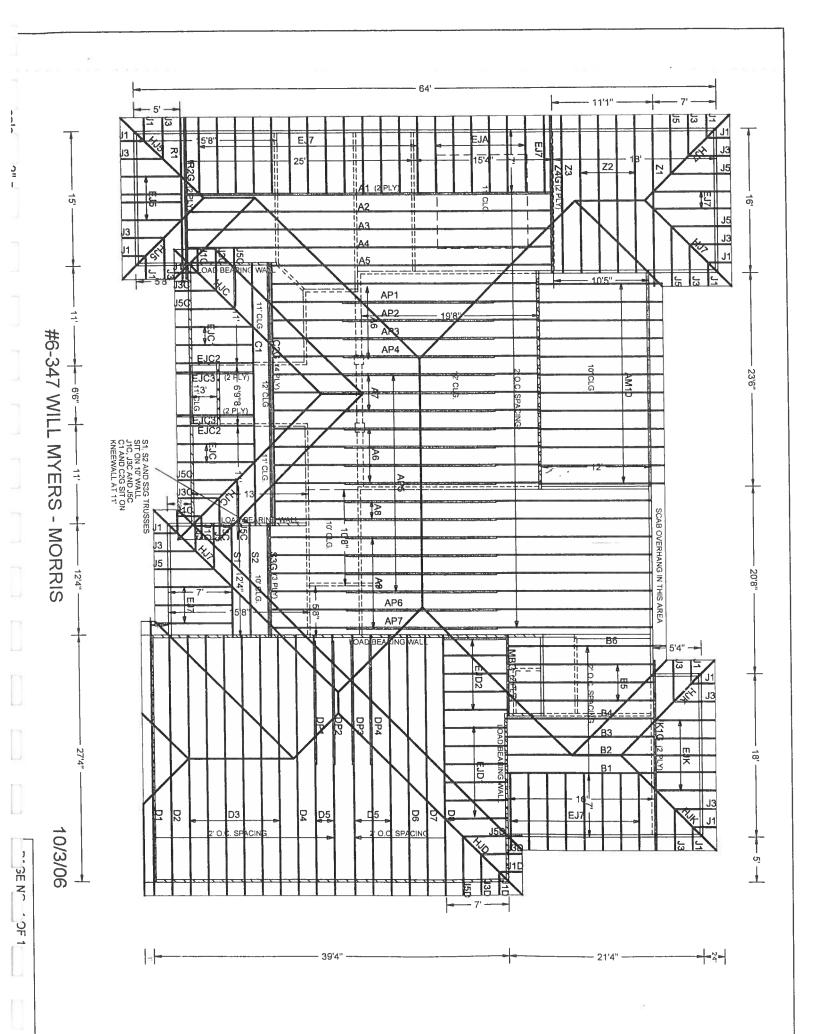
-Truss Design Engineer-Arthur R. Fisher Florida License Number: 59687 1950 Marley Drive Haines City, FL 33844

	¥ F	lef Descript	ion Drawing#	Date
	1 18	3779A1	06285079	10/12/06
		3780A2	06285003	10/12/06
L		3781A3	06285004	10/12/06
		3782A4	06285005	10/12/06
		3783A5	06285006	10/12/06
		3784A6	06285071	10/12/06
	7 18	1785 A7	06285111	10/12/06
		1786A8	06285116	10/12/06
		1787A9	06285110	10/12/06
		788AM10	06285109	10/12/06
		789B1	06285007	10/12/06
		790B2	06285008	10/12/06
		791B3	06285009	10/12/06
		792B4	06285010	10/12/06
		793B5	06285118	10/12/06
		794B6	06285098	10/12/06
1 -		795MBG	06285080	10/12/06
1 -		796C1	06285067	10/12/06
1		797 = = C2G	06285074	10/12/06
2		798D1	06285075	10/12/06
2		799D2	06285081	10/12/06
2		800D3	06285078	10/12/06
2		801D4	06285086	10/12/06
2		802D5	06285092	10/12/06
2		803D6	06285091	10/12/06
2		804D7	06285090	10/12/06
2		805 D8	06285089	10/12/06
2		806HJ7	06285064	10/12/06
2		807 EJ7	06285066	10/12/06
3		808HJ5	06285084	10/12/06
3		809EJ5	06285106	10/12/06
3		810J5	06285065	10/12/06
3		811J3	06285093	10/12/06
3		812J1	06285099	10/12/06
3		813EJA	06285112	10/12/06
3	189	814EJC1	06285122	10/12/06

#	Ref Description	Drawing#_	Date
37	18815EJC2	06285070	10/12/06
38	18816EJC3	06285123	10/12/06
39	18817HJC	06285083	10/12/06
40	18818J5C	06285085	10/12/06
41	18819J3C	06285088	10/12/06
42	18820J1C	06285107	10/12/06
43	18821HJD	06285073	10/12/06
44	18822EJD1	06285097	10/12/06
45	18823EJD2	06285096	10/12/06
46	18824 J5D	06285094	10/12/06
47	18825J3D	06285077	10/12/06
48	18826J1D	06285076	10/12/06
49	18827HJK	06285072	10/12/06
50	18828EJK	06285069	10/12/06
51	18829K1G	06285068	10/12/06
52	18830AP1	06285095	10/12/06
53	18831AP2	06285102	10/12/06
54	18832AP3	06285103	10/12/06
55	18833 AP5	06285105	10/12/06
56	18834 AP4	06285104	10/12/06
57	18835 AP6	06285114	10/12/06
58	18836 AP7	06285120	10/12/06
59	18837DP1	06285100	10/12/06
60	18838DP2	06285082	10/12/06
61	18839DP3	06285101	10/12/06
62	18840 DP4	06285087	10/12/06
63	18841 R1	06285119	10/12/06
64	18842R2G	06285011	10/12/06
65	18843S1	06285113	10/12/06
66	18844S2	06285108	10/12/06
67	18845S3G	06285115	10/12/06
68	18846Z1	06285063	10/12/06
69	18847 Z2	06285117	10/12/06
70	18848Z3	06285121	10/12/06
71_	18849Z4G	06285012	10/12/06

Pof Description





e op Bot Bot SPECIAL LOADS Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Note: All Plates Are 3X4 Except As Shown. PLT TYP. Wave Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844 6 chord 2x6 SP #2 :T1 2x4 SP #2 Dense: chord 2x6 SP #2 :B3 2x6 SP #1 Dense: 2x4 SP #2 Dense: Webs 2x4 SP #3 :W10, W12 2x4 SP #2 Dense: -347--Will Myers from From From From From From (LUMBER ALPINE 64 PLF 129 PLF 137 PLF 129 20 51 5 X 5 🐗 DUR.FAC.=1.25 4 X 5 (R) Ⅲ PLF - 4 - 0 =3552at 0.00 at 1.33 at 27.50 at 37.54 at 0.00 at 1.33 5 X 1 0 ≡ Morris U=382 ** IMPORTANT ** questes a copy of this DESIGN to THE INSTALLATION CONTRACTOR. ALPINE ENGINEERS PRODUCTS, INC. SIMIL, NOT GERSPORSINEL FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO MULTID THE TRUSS IN CONTRIBUTED SAILURE. TO MULTID THE TRUSS IN CONTRIBUTED AND THE ABACTURE OF TRUSS IN CONTRIBUTED AND THE ABACTURE OF TRUSS IN CONTRIBUTED AND THE ABACTURE OF TRUSS CAN CONTRIBUTED AND THE ABACTURE OF TRUSS CAN CONTRIBUTED AND THE ABACTURE OF TRUSS CAN CONTRIBUTED AND THE ABACTURE APPLY AND THE ABACT **MARNING** IRUSES REQUIRE EXTRIPE CARE IN FABRICATION, MADDLING, SUIPPING, INSTALLING AND BRACHIG. REFER TO BEST 1 - 03 (BULLDING COMPONENT SAFETY HORBATION), PUBLISHED AY THE (TRUSE PLAIT INSTITUTE, 583 D'ONOPRIO BR., SUIFE ZOO, MADISON, WI 53718) AND WICK (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LW. HADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CELLING. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERNIANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENG BUILDING DESIGNER PER ANSI/TPI 1 SEC PLATE 4 X 4 (R) Ⅲ 5 X 6≡ 51 51 DUR.FAC. Design Crit: .=1.25) t 1.33 t 27.50 : 27.54 40.00 1.33 27.50 25 $4 \times 4 \equiv$ -0-0 5 X 5 ≡ TPI-2002(STD)/FBC Cq/RT=1.00(1.25), $5 \times 6 =$ 40-0-0 Over BRICDING 7 X 10 == SOLELY FOR THE TRUSS COMPONENT IS THE RESPONSIBILITY OF 38 2 Supports ά /10(0)0 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. 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 Laterally brace BC at 24" OC in lieu of rigid ceiling. Laterally brace BC above filler at 24" OC including a lateral brace at chord ends. DL=5.0 psf. End verticals not exposed to wind pressure W12 $10 \times 14 =$ COMPLETE 2 -6-0 L.5X4 Ⅲ 3X5 III SNATON 4 X 5 ≡ 1.5X4 W 5.59687 4 X 1 2 ≡ TRUSSES 1-@30 B * 2 REQUIRED N $4 \times 6 =$ 6X6≡ 8 TC DL TC LL SPACING DUR.FAC. TOT.LD. FL/--D 1.5X4 III /4/-R=3578 U=385 SEE ABOVE /=/R/-40.0 10.0 20.0 10.0 PSF 1.25 0.0 0-3-8 PSF PSF PSF PSF DATE REF SEQN-JRFF-DRW HCUSR487 06285079 HC-ENG Scale =.1875"/Ft. R487--1T1F487_Z01 TCE/AF 84139 10/12/06 5 Ö 18779 REV

Wind reactions based on MWFRS pressures.

Calculated horizontal deflection is 0.11" due to 0.17" due to dead load. live load

and

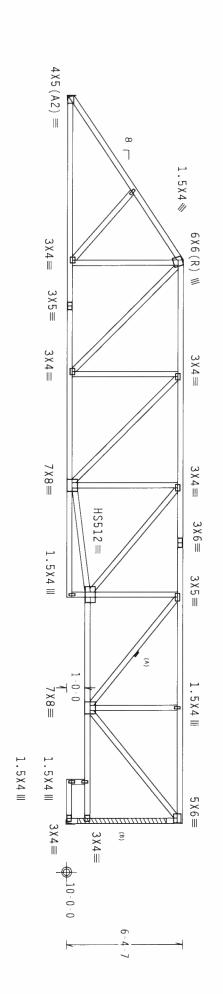
SEE DWGS TCFILLER1103 AND BCFILLER1103 FOR FILLER DETAILS. LATERALLY BRACE BOTTOM CHORD ABOVE FILLER AT 24" O. C., AND TOP CHORD UNDER FILLER AT 24" OC INCLUDING A LATERAL BRACE AT CHORD ENDS.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED located within 6.50 ft from roof edge, CAT II, EXP DL=5.0 psf, wind BC DL=5.0 psf. B, wind TC

Right end vertical not exposed to wind pressure

- (B) SP #3 or better member. Attach with scab brace. Same size & 80% length of web 10d Box or Gun (0.128"x3",min.)nails @ 6"
- (A) 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/240 live and L/180 total load. Creep increase factor for dead load is 1.50.





R=1675 U=185

0-3

8

0

PLT

TYP.

20

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANNEX AS DEFINED BY (1) SHALL BE FER ANNEX AS DESIGNATION OF THE SOUTH BY SOUTH B **IMPORTANT**TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONFRACTOR.

AND FALLER TO BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FALLER TO BUILD THE TRUSTS IN CONFORMANCE WITH THE FARRICATION, ANNOLING, SHIPPING, HISTALLING & BRACHING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MIDS (MAITIONAL DESIGN SPEC, BY AFRAY) AND IPI.

PLATES TO EACH FACE OF TRUSS AND, UNITESS OTHERWISE LOCATED ON THIS DESIGN, POSITION FOR DRAWLINGS 160A-Z.

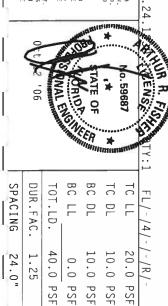
PLATES TO EACH FACE OF TRUSS AND, UNITESS OTHERWISE LOCATED ON THIS DESIGN, POSITION FOR DRAWLINGS 160A-Z. BY AFAPA) AND IPI. ALPINE
H. KJN.S) GALV. STEEL. APPLY
N. POSITION PER DRAWINGS 160A-Z.
OZ SEC.3. A SEAL ON THIS
SOLELY FOR THE TRUSS COMPONENT THE RESPONSIBILITY OF

Alpine Engineered Products, Inc. 1950 Marley Drive Ilaines City, FL 33844 FI Criticate of Authorization # 567

DESIGNER PER ANSI/TPI 1 SEC.

ALPINE

RIGID: CEILING.



PSF

DRW HCUSR487 06285003

DATE REF

10/12/06

PSF

R487--

18780

=.1875"/Ft.

PSF

SEQN-

131654

HC-ENG

JB/AF

JREF-

Wind reactions based on MWFRS pressures.

Calculated horizontal deflection is 0.10" due to live load 0.16" due to dead load. and

(A) Continuous lateral bracing equally spaced on member. Or 2x6 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.

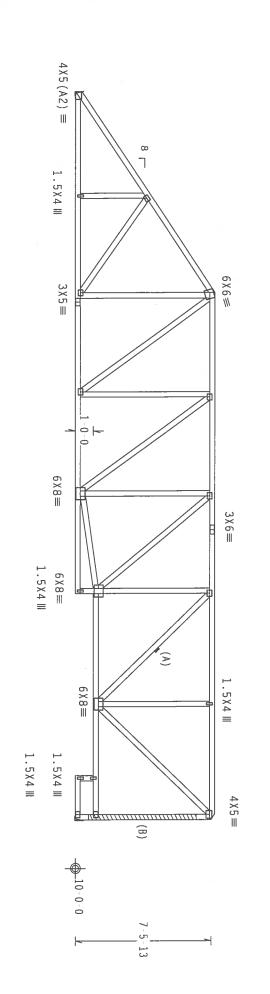
SEE DWGS TCFILLER1103 AND BCFILLER1103 FOR FILLER DETAILS. LATERALLY BRACE BOTTOM CHORD ABOVE FILLER AT 24" OC INCLUDING A LATERAL BRACE AT CHORD ENDS.

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

(B) SP #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/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\cdot$



Note: All Plates Are 3X4 Except As Shown.

R = 1686

U = 180

[1-0-0

27-6-0

40-0-0 Over

N

Supports

29-0-0

12-2-8

0 <u>3</u>

R=1651 U=184

æ R487--

=.1875"/Ft

18781

10/12/06

TYP.

Wave

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

/10(0)

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIALION FROM THIS DESIGN: ANY FALLINE TO BUILD THE FRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIALION OF THIS DESIGN. SHALL NOT BE REACHED OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HOS SHATION, HANDLING, SHIPPING, INSTALLING A BRACTHS OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE OF ZO/JBJACA, CHIJASYA, ASTH MASS DEADER AND AND THIS DESIGN. ACLY, SITEL, APPLY DIALES TO EACH FACE OF TRUSSES, AND. HURSES, SHIPPING, INSTALLING AND SHATION, DESIGN, POSITION PER DRAMINGS 160A-Z.

ANY HISPECTION OF PLATES TOLLOWED BY (1) SHALL BE PER ANIRLY AS OF TPIL-ZOOZ SEC.3.

ASSA, ON THIS SHIPPING, INSLITE YANDLE PER ANIRLY AS OF TRUSSES, COMPONENT DESIGN SHOWN.

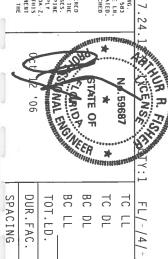
HE SHIPPINGLIFF OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN.

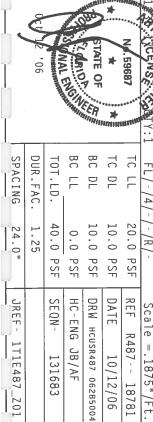
HE SHIPPINGLIFF OF TRUSSES, OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNED PER ANSI/PPI I SEC. 2.

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

ALPINE

RIGID CEILING





JB/AF

131683

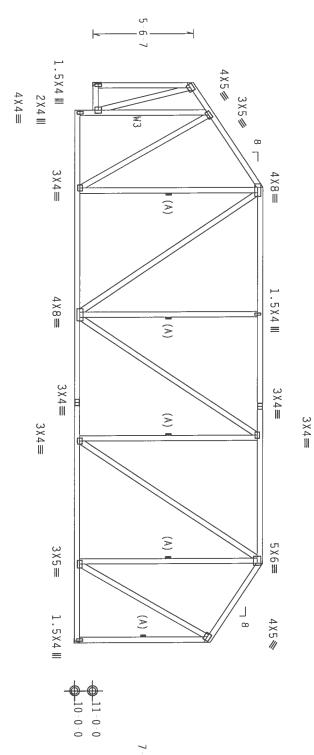
SP(A) Alpine Engineered Products, Inc. 1950 Marley Drive Hames City, FL 33844 Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 SEE DWGS TCFILLER1103 AND BCFILLER1103 FOR FILLER DETAILS. LATERALLY BRACE BOTTOM CHORD ABOVE FILLER
AT 24" 0.C; AND TOP CHORD UNDER FILLER AT 24" 0C INCLUDING A (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. Calculated horizontal deflection is 0.09" due to live load and 0.16" due to dead load. Wind reactions based on MWFRS pressures LATERAL BRACE AT CHORD ENDS. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,.$ (6-347--Will Myers Morris TYP. ALPINE Wave $4X5(A2) \equiv$ R=1686 U=180 **IMPORTANT**FIRMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANTHE EMBLITERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR MATY DEVIATION FROM THIS DESIGN: ANY FALLURE TO BUILD THE TRUDES IN COMPORANCE WITH THE PI.

RUSS IN COMPORANCE WITH APPLICABLE PROPYSIONS OF THOS (MATIONAL DESIGN SPEC, BY ATRA) AND FFI.

CONNECTOR PLAITS ARE AND OF 20/18/16/CA (4.H/S/2) ASTH ASS GAADE 40/60 (4.K/H/S) GALV. SIEEL. APPLY PLAIES TO EACH FACE OF TRUSS AND. DUBLESS OTHERWISE LOCATED ON THIS DESIGN. POSITION FER BRAHINGS 166A-Z. ANY HISPECTION OF PLAIES FOLLOWED BY (1) SHALL BE FER AIMER AS OF THIS 2002 SEC. 3.

AS SLA ON THIS SUITABLE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE THUS COMPONENT DESIGN SHOWN. THE SUITABLETTY AND USE OF THIS COMPONENT DESIGN SHOWN. THE SUITABLETTY AND USE OF THIS COMPONENT DESIGN SHOWN. THE SUITABLETTY AND USE OF THIS COMPONENT DESIGN SHOWN. THE SUITABLETTY AND USE OF THIS COMPONENT DESIGN SHOWN. THE SUITABLETTY AND USE OF THIS COMPONENT DESIGN SHOWN. THE SUITABLETTY AND USE OF THIS COMPONENT DESIGN SHOWN. THE SUITABLETTY AND USE OF THIS COMPONENT DESIGN SHOWN. THE SUITABLETTY AND USE OF THIS COMPONENT DESIGN SHOWN. ****WARNING** IRUSES BLOUIBE EXTREME CARE IN FARBICATION, IMMOLING, SUPPLIES, INSTALLING AND BRACING.
RETER TO BEST TO 3 QUALUDING COMPORUE SAFETY INFORMATION, PURILISMED BY TPF (TRUSS PLATE INSTITUTE, SB3
D'ONOTRID DR., SWITE 200, MADISON, MI 53719) AND MICA (MODO TRUSS COMMELLO MERRICA, 6200 ENTERPRISE IN,
MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE UNICIONS, UNICES OTHERWISE INDICATED. RIGID CEILING 8 1.5X4 III .3-0-0 3×4/ A4) Design Crit: 3×5= $3 \times 4 \equiv$ €X6 27-6-0 TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 40-0-0 Over (A)€ X 8 == 3 X 4 ≡ 2 Supports 3 X 6 ≡ (B) 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. 110 mph wind, 15.00 ft mean hgt, ASCE 7 02, CLOSED located within 6.50 ft from roof edge, CAT II, EXP DL=5.0 psf, wind BC DL=5.0 psf. (C) SP #3 or better member. Attach with Right end vertical not exposed to wind pressure **B** 8 0 2X4 III 3 X 4 ≡ 12 '06 CENS No. 59687 €X8≡ scab brace. 10d Box or i SIGNEER (B) 5×4 III -0-0 * 2-2-8 . Same size & 80% length of web Gun (0.128"x3",min.)nails @ 6" 5X8≡ ВС TC DL TC LL SPACING DUR.FAC. TOT.LD. FL/-/4/-D 1.5X4 III 1.5X4 III 5 X 6 ≡ R=1675 U=180 /-/R/ 40.0 10.0 - 4 - 0 1.25 10.0 PSF 20.0 PSF 24.0" 0.0 0 3 X 4 ≡ bldg, not B, wind TC PSF PSF PSF å (C) $5 \times 4 \equiv$ 1.5X4 III _10-0-DATE REF SEQN HC-ENG JRFF-DRW HCUSR487 06285005 Scale 00. R487--=.1875"/Ft. 1T1F487 JB/AF 10/12/06 131699 18782 _201

Top Bot Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,.$ Wind reactions based on MWFRS pressures (A) Continuous lateral bracing equally spaced on member. (6-347--Will Myers Morris chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3 :W3 2x4 SP #2 Dense: A5) 110 mph wind, 18.45 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. In lieu of structural panels or rigid ceiling use purlins brace TC @ 24" OC, BC @ 24" OC. End verticals not exposed to wind pressure 3X4 =bldg, not B, wind TC



13

10-0

Alpine Engineered Products, Inc. 1950 Marley Drive
Hames City, FL 33844
Ft Certificate of Authorization # 567 PLT TYP. ALPINE Wave **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILUNE TO BUILD THE ROSS IN CONFORMANCE WITH FOI; OR FABRICATION, HANDLING, SHIPPING, INSTALLING & BRACING OF BUSSESS, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THOS (MATIONAL DESIGN SPEC, BY AFAPA, AND TPI, APPLY COMMICCIOR PALES ARE MADO OF 20/18/16/AG, (N. H.1572/A) ASTH AGS GRADE 40/60 (N. K/H.S) GALV. STEEL. APPLY PLAIES TO EACH FACE OF TRUSS AND, UNICESS OTHERWISE LOCATED ON THIS DESIGN, PÓSSITON PER DRAMINGS 160A Z. AND LUNCES OTHERWISE LOCATED ON THIS DESIGN, POST ANY HISPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC. DRANTHA INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/ BUILDING O/60 (H. K/H.S) GALY. STEEL. APPLY
DESIGN, POSITION PER DRAHINGS 160A-2
PII-72002 SEC.3. A SIAL ON THIS
ILITY SOLELY FOR THE TRUSS COMPONENT THE ST RESPONSIBILITY OF /10(0)LOUNS 1.59687 BC LL ВС TC DL TC LL SPACING DUR.FAC. TOT.LD. FL/-/4/-/-/R/ 2 40.0 10.0 PSF 20.0 PSF 24.0" 1.25 10.0 PSF 0.0 PSF PSF JREF-DATE SEQN REF HC-ENG DRW HCUSR487 06285006 Scal le =.1875"/Ft. R487--1T1E487_Z01 JB/AF 10/12/06 131632 18783

R=1292 U=180

30-9-0 Over 2 Supports

20-8-0

4-4-0

R=1292 U=186

9

Q

9-0

Top chord 2x4 SP #2 Dense
Bot chord 2x8 SP #1 Dense :B2 2x8 SP SS:
:B3 2x4 SP #2 Dense:
Webs 2x4 SP #3 :W1 2x4 SP #2 Dense:

Wind reactions based on MWFRS pressures

End verticals not exposed to wind pressure.

(C) SP #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. (A) 2x6 SP #3 or better "T" brace. 80% length of web member, attached with 16d Box or Gun (0.135 \times x3.5 $^{\circ}$, min.) nails @ 6 $^{\circ}$ OC.

BC attic room floor loading: LL = 40.00 psf; DL = 10.00 psf; from 10-1-0 to 22-1-0. (1) continuous lateral brace equally spaced on member.

Leg-down designed for vertical loads only.

(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

110 mph wind, 19.12 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

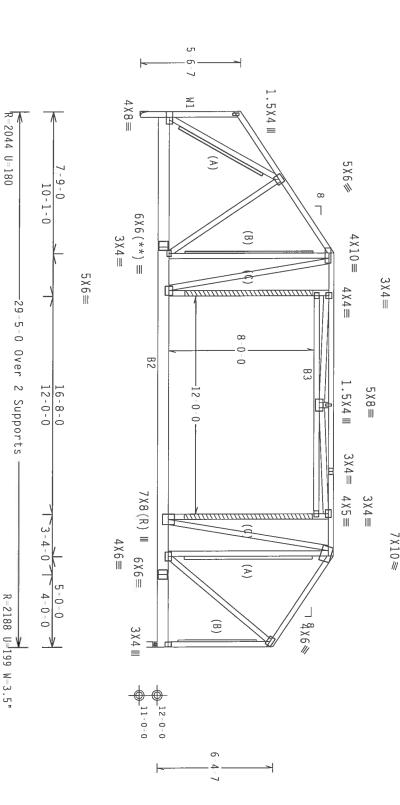
Calculated horizontal deflection is 0.20" due to live load and 0.32" due to dead load.

(8) 1x4 SP #3 or better "T" brace. 80% length of web member, attached with 8d 8ox or Gun (0.113"x2.5",min.)nails @ 6" OC. (1) continuous lateral brace equally spaced on member. 07

rigid ceiling. Collar-tie braced with continuous lateral bracing at 24" 05

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

7 X 1 0 ≥



9

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

TYP.

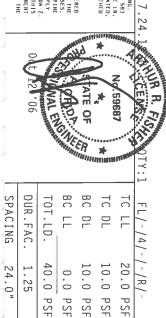
Wave

MARNING PRISES REDITEE EXTREME CARE IN FARRICATION, MADICING, SUPPING, INSTALLING AND BRACING, BETTER TO REST TO 32 (BUILDING COMPONIES SATELY FOR THE CHARLES SEED AND THE CHARLES COUNCIL OF AMERICA, GADO EMPERHISE LUI, MADISON, WI 53719) FOR SATELY PRACTICES PRIOR TO PERFORMENT CHARLES CHARLES SEED AND THE CHARLES SEE RIGID CEILING

DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY DESIGN, POSTITION PER DRAWHES 160A Z
PIL-2002 SEC. 3. A SEAL ON THIS
LLITY SOLELY FOR THE TRUSS COMPONENT
HULLDING IS THE RESPONSED.

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

ALPINE



PSF PSF

SEQN-

HC-ENG

TCE/AF 131276

DRW HCUSR487 06285071

JREF-

1T1E487_Z01

PSF

10/12/06 18784

PSF

REF DATE

R487--

Scale =.1875"/Ft.

Top Bot chord 2x4 chord 2x8 2x4 SP #2 Webs 2x4 Dense: SP #2 Dense SP #1 Dense :82 2x8 SP SS:

Wind reactions based on MWFRS pressures

End verticals not exposed to wind pressure.

(A) SP #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.

BC attic room floor loading: LL = 40.00 psf; DL = 10-1-0 to 22-1-0. 10.00 psf; from

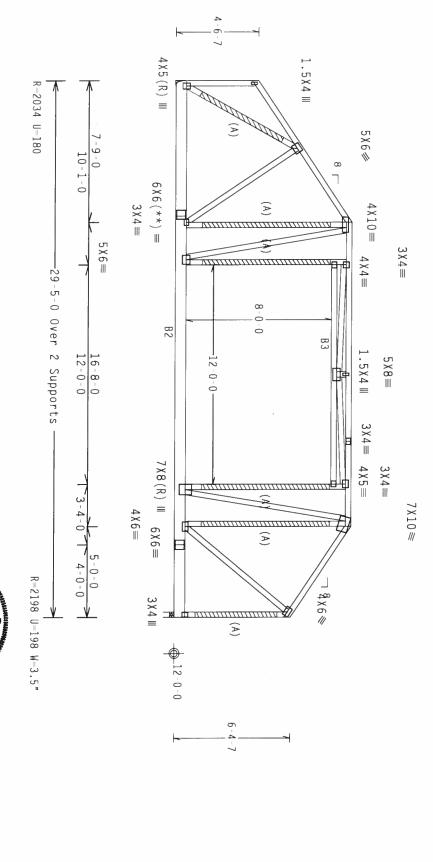
(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

110 mph wind, 19.12 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Calculated horizontal deflection is 0.18" 0.29" due to dead load. due to live load and

Collar-tie braced with continuous lateral bracing rigid ceiling. at 0C.

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



œ

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

Design Crit:

TPI-2002 (STD) /FBC

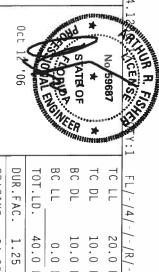
TYP.

Wave

IMPORTANT* URBLISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FALLER TO BUILD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN: MAY FALLER TO BUILD THE RRUSS IN CONFORMANCE WITH THE TO REPORT OF TARRICATION, INMIDI ING. SHIPPING, INSTALLING A BRACLER OF TRUSSES. DESIGN CONFORMANCE WITH THE TO A FARRICATION, INMIDI ING. SHIPPING, INSTALLING A BRACLER OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF INDS (MATICOMA, DESIGN SPEC, BY METAPA) AND TPI. ALPINE CONNECTION PLATES ARE THOSE OF ZO/IBJ/16GA (M./1/S/) ASIA MASS GRADE 40/50 (M. K/M.S) CALV. SIEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OF DIERRISE LOCATED ON THIS DESIGN, POSITION PER BRACHERS 16GA Z ANY INSPECTION OF PLATES F DRAWING INDICATES ACCEPTA DESIGN SHOWN. THE SUITA BUILDING DESIGNER PER ANSI 2 OF 20/18/1664, (H/15/K) ASIM A653 GRADE 40/60 (H, K/H.S) GALV. SIEEL. APPLY USS AND. UNLESS OFFICENCIES OF HIS DESIGN, POSITION PER DRAWINGS 166A Z. APPLY SIEEL OF THE ANALYSIS OF THE ANAL BUILDING RESPONSIBILITY OF THE

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

ALPINE



			***	WALL STREET	P Inni	THE PERSON
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
JREF 1T1E487_Z01		SEQN- 131270	HC-ENG TCE/AF	DRW HCUSR487 06285111	DATE 10/12/06	REF R487 18785

Scale

1875"/Ft.

Top chord 2x4 SP #2 Dense :T2, T4 2x6 SP #2:
Bot chord 2x4 SP #2 Dense :B2, B6 2x6 SP #2:
:B4 2x6 SP #1 Dense:
Webs 2x4 SP #3 :W7, W8, W18 2x4 SP #2 Dense:

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member. Or 2x8 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. Left end vertical not exposed to wind pressure

BC attic room floor loading: LL = 40.00 psf; DL = 10.00 psf; from 10-1-0 to 22-1-0.

Laterally brace BC at 24" OC in lieu of rigid ceiling. Laterally brace BC above filler at 24" OC including a lateral brace at chord ends.

(**) 5 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

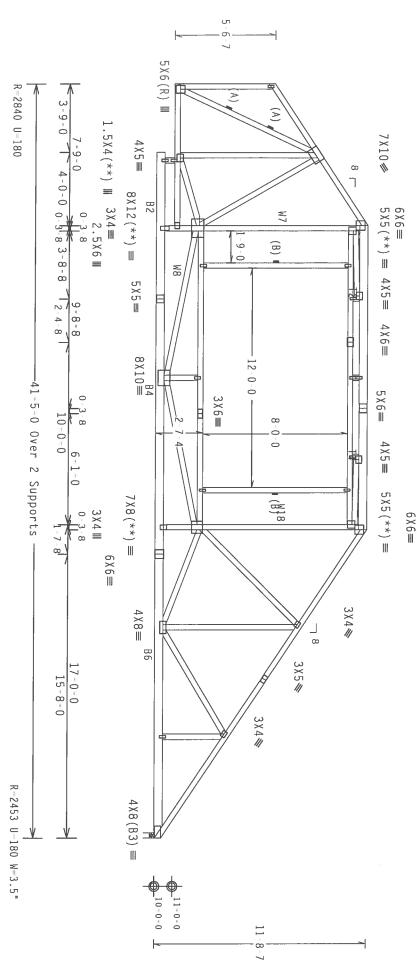
110 mph wind, 16.04 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(B) 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.

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

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

Calculated vertical deflection is 0.40° due to live load and 0.62° due to dead load at X=16-1-0.



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

ALPINE

RIGIO CEILING

IMPORTANTTURBISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED PRODUCTS, INC. SMALL NOT BE RESPONSIBLE FOR ANY DEVIATION FORM THIS DESIGN: ANY FALLINE TO BUILD THE TRUSCS IN COMMENANCE WITH THE TO THE FORM THE FORM

Oct 12 '06

SPACING DUR.FAC.

24.0"

JREF-

1T1E487_Z01

NAL ENGINEER IN

TOT.LD.

40.0

PSF

SEQN-

1.25

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, INAUDING. SHIPPING, INSTALLING AND BRACING, RECER TO BEST 1 03 (BUILDING COMPONENT SAFETY INFORMATION), POBLISHED BY THE CRUSS PLATE INSTITUTE, 583 D'ONDFRIO BR. SILVILE ZOO, MADISON, HI 53719) AND HITA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LI, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERCOMHING THESE TUNCTIONS. UNLESS OTHERMISE INDICACED, TOP CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED

Note: All Plates Are 1.5X4 Except As Shown.

Design Crit:

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

SABA

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

Scale = . 1875"/Ft. R487--

. 5962

*

10.0 20.0

PSF PSF

DATE REF

10/12/06

18786

BC DL TC DL TC LL

10.0 PSF 0.0

DRW HCUSR487 06285116

PSF

HC-ENG

TCE / AF 131451

TYP.

Wave

Alpine Engineered Products, Inc. 1950 Marley Drive Hames City, FL 33844 Top Bot :B3 Note: All Plates Calculated vertical deflection is 0.41" due to live load and 0.63" due to dead load at $\rm X=16\text{-}1\text{-}0$. (A) Continuous lateral bracing equally spaced on member. Or 2x8 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. Left end vertical not exposed to wind pressure. Wind reactions based on MWFRS pressures. PLT TYP. 347 Will Myers Morris ALPINE Wave 5 X 6 (R) III R=2849 U=180 $\widehat{\geq}$ Are 1.5X4 Except As Shown. Ξ α 8-3-8 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE PRODUCTS, INC. SMALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE RUSSES IN COMPORMANCE WITH PIE.

OESTIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (MATIONAL DESIGN SPEC, MATERA) AND TPI.

CONNECTOR PLAIES ARE HADE OF 20/18/166A (M.H/S/W), ASIH AGS3 GRADE 40/50 (M.K/M.S) GALV. STEEL: APPLY PLAIES TO EACH FACE OF TRUSS AND. UNLESS OFHEREISE LOCATED ON THIS DESIGN, POSITION PER DRAWNES 160A AZ. ANY INSPECTION OF PLAIES FOLLOWED BY (T) SHALL BE PER ANNEX AS OF THI 2002 SEC.3.

DRAWNING INDICALES ACCEPTANCE OF PROFESSIONAL INCHIENCES AND THIS DESIGN, POSITION HE RESPONSIBILITY OF THE DRAWNING INDICALES ACCEPTANCE OF THE STORM LIGHTER HIGH RESPONSIBILITY SOLLY FOR HICH BUSS CORPOONENT. 8-7-0 7X10咖 ***MARN.NG** IRUSSES REQUIRE EXPREME CARE IN FARRICATION, MANDELING, SHIPPING, INSTALLING AND BRACING.
RETER TO BEST 1 03 (BUILDING COMPONENT SAFETY INFORMATION), PURLISHED BY TPI (IRUSS PLATE INSTITUTE, 593)
D GNOTHED BL., SHITE 200, MADISON, WI 53719) AND MECA (MODO) TRUSS COUNCEL OF AMERICA, 6300 ENTERPRISE LIN,
MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HIGE TUNCTIONS, UNLESS OTHERWISE INDICATED,
OP CHORD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PARLES AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED BY DESIGN SHOWN. THE SUITABILITY AND BUILDING DESIGNER PER ANSI/IPI 1 SEC RIGID CEILING 3X8≡ (B) 8X12(**) =2.5X6 W 5 X 5 (**) €X6≡ 0-3 9 A9) (B) Design Crit: 3-5-0 W 5 X 5= 4 X 5 ≡ 2-8-0 4 X 6≡ ω TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0) 8X10≝ 12 α 41-11-8 Over 0 5 X 6≡ 3 X 6 ≡ 0 0 В4 日 Ħ 10-0-0 4 X 5 ≡ Ŧ 6 2 Supports -1-0 110 mph wind, 16.04 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. (**) 4 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Collar-tie braced with continuous lateral bracing at 24" OC. or rigid ceiling. (B) 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. BC attic room floor loading: LL = 10-1-0 to 22-1-0. $7 \times 8 (**) =$ (B) 7 3X4 **Ⅲ** 0-3-8 6X6≡ 5|x|5 (**) ≡ 1-4-0 €X6= WIHUR! 0ct SNA . 5968. 4 X 8 ≡ 3X4// * 3×5// 7-0-0 15-11-8 40.00 psf; DL BC DL BC LL TC DL TC LL DUR.FAC. TOT.LD. FL/-/4/-3X4// = 10.00 psf; from 1.25 40.0 20.0 10.0 PSF 10.0 PSF 0.0 PSF R=2490 U=180 W=3.5* 4X8 (B3) ≡ PSF PSF SEQN-DATE REF HC-ENG DRW HCUSR487 06285110 Scale R487--1T1E487_Z01 =.1875"/Ft. TCE/AF 10-0-0 10/12/06 131444 \Box 18787 ۵

SPACING

24.0"

JREF -

*

Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 PLT Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\mathrm{.}$ In lieu of structural panels or rigid ceiling use purlins brace TC @ 24" 0C, BC @ 24" 0C. :Rt Bearing Leg 2x4 SP #3: 6 TYP. 347 Will Myers Morris ALPINE Wave **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPTHE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEFINATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEFINATION, AND LING, SHIPPING, INSTALLING A BRACTH OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF 1805 (MAIDONAL DESIGN SPEC, BY ATRIA) AND TPI.

CONNECTOR PALIES ARE HAND OF ZO/103/160A (H.H/S/Y). ASTH AGS GRADE 40/50 (H. K/H.S) GALV, SIELL, APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A Z. ANY LISTED CONDO PELATES POLICIONED BY THIS DESIGN AND STANDARD STAN ***HARNING** I RUSSES REQUIRE EXTREME CARE IN FABRICATION, MANDLING, SHEPPING, INSTALLING AND BRACING.
REFER TO BEST I DO (BUILDING COMPONENT SCRIFTY HINDRANCIND), PURLISHED BY TPI (RUSS PLATE INSTITUTE, 543
O "OMDFRIO DR., SUITE ZOO, MADISON, WI SOJIB) AND MICA (MODO RUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LIN,
MADISON, MI SOJIB) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE CUNCTIONS. UNLESS OTHERNISE, INDICATED,
DD "COMPO SHALL HAME PROFERRY ATTACHED STRUCTURAL PARIES AND BOTTOM CHOOK SHALL HAME A PROFERRY ATTACHED RIGID CEILING. AM10) Design Crit: 1 - 6 - 02X4(A1) = =626 U=180 W=3.5* TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) to œ 12-3-8 Over 2 Supports 1.5X4 III 3×4/ 3X4個 Right end vertical not exposed to wind pressure 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. Wind reactions based on MWFRS pressures. R=511 U=180 W=3.5" 3 \ 4 ≡ 2 X 4 ≡ 4×4/ MM D . 59687 _10-0-0 * 6 9 BC LL ВС TC DL FL/-/4/-9 10.0 PSF 20.0 PSF 10.0 PSF 0.0 PSF DATE REF HC-ENG DRW HCUSR487 06285109 Scale =.25"/Ft. R487--TCE/AF 10/12/06 -6-13 18788

Alpine Engineered Products, Inc.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE DRAWHING INDICATES ACCEPTANCE OF PROFESSIONAL ENGL DESIGN SHOWN THE SUITABLITY AND USE OF THIS G BUILDING DESIGNER PER ANSI/IPI I SEC. 2.

RESPONSIBILITY OF

DUR.FAC. SPACING

24.0" 1.25

JREF -

1T1E487_Z01

TOT.LD.

40.0

PSF

SEQN-

131527

Partificate of Authorization # 567

SPECIAL LOADS
-----(LUMBER DUR.FAC.=1.25 / TC - From 134 PLF at 0.00 t
BC - From 44 PLF at 0.00 t to PLATE DUR.FAC.=1.25) to 134 PLF at 16.29 to 44 PLF at 16.00

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

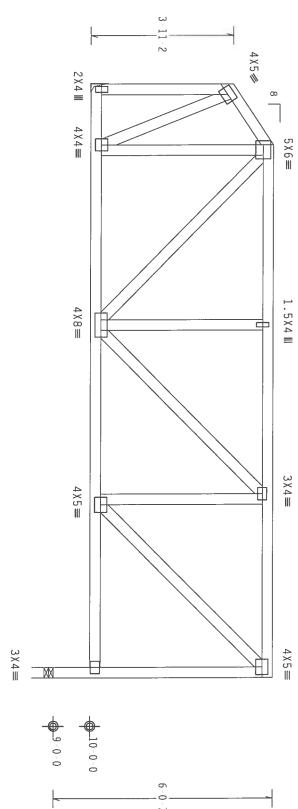
Wind reactions based on MWFRS pressures.

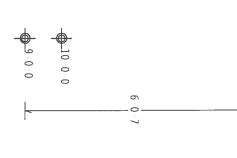
B, wind TC

End verticals not exposed to wind pressure.

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

LEG DOWN DESIGNED FOR VERTICAL LOADS ONLY







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

PLT

TYP.

Wave

RIGIO CEILING.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPHACE TO BULLD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY PEVALTOR FROM THIS DESIGN. ANY FALLURE TO BULLD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY PEVALTOR FROM THIS DESIGN. ANY FALLURE TO BULLD THE RESPONSIBLE FROM THE PLACE OF TRUSSES, BESTON CONTRAKS WITH APPLICABLE PAOPISIONS OF NOS (MATIONAL DESIGN SPEC, BY ATEPA) AND TPI.

CONNECTOR PLATES ARE HADE OF 20/18/166A (H-M/S/K) ASH ASS) AROSE 40/50 (K-K/H,S) GATV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNICES OTHERMISE LOCATED ON THIS DESIGN, POSITION PER DRAMINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX 30 TFPIT 2002 SEC.3.

ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX 30 TFPIT 2002 SEC.3.

BRANING INDICATES ACCEPTANCE OF PROFESSIONAL URGITHER NO RESPONSIBILITY SOFT THE BESTON SHALL BE PER ANNEX AND THE TRUSS CORPORARY DESIGN SHOWN.

THE SULTABILITY AND DISC OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE ANY HISPECTION OF PLATES FOLLOWED BY (1) SHALL RE DRAWHING INDICATES ACCIPIANCE OF PROFESSIONAL ENGINEERS ACCIPIANCE OF PROFESSIONAL ENGINEERS AND USE OF THIS C BUILDING DESIGNER PER ANSI/IPI 1 SEC. 2.

Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844 FI Crifficate of Authorization # 547

ALPINE



	_					17711681	Histo.
OFACING	CDACTAIC	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL
1.0	34 0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
OKEL 111E40/_701	1DEE 1T1E/07 701		SEQN- 131734	HC-ENG JB/AF	DRW HCUSR487 06285007	DATE 10/12/06	REF R487 18789

Scale = .375"/Ft.

Wind reactions based on MWFRS pressures

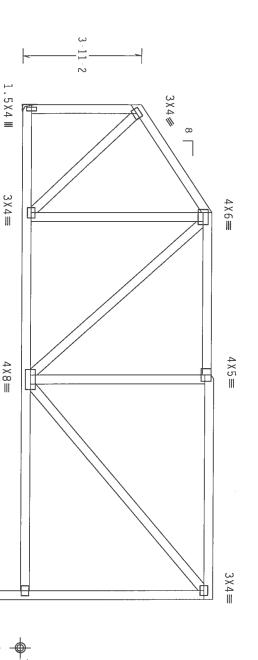
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.

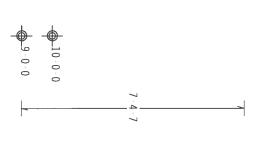
LEG DOWN DESIGNED FOR VERTICAL LOADS ONLY

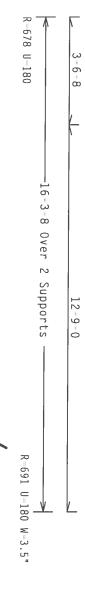
110 mph wind, 15.15 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

End verticals not exposed to wind pressure.

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







3 X 4 ≡

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

TYP

Wave

WARNING IRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING, RETER TO BEST 1-32 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY PET (TRUSS PLATE INSTITUTE, 593 D'OMOFRIO DR., SUITE ZOO, HANDSON, HI 53719) AND WITCA (MODO BRUSS COUNCIL OF AFERICA, 5300 ENTERPESE LH, MADISON, HI 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.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE HISTALLATION CONTRACTOR.

ANY FALLING TO BUILD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY BELLIAN HOW FROM THIS DESIGN:

ANY FALLING TO BUILD THE FROM THE FOR ANY DEVIATION FROM THIS DESIGN. FOR THE FOR

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

ALPINE



;;	FL/-/4/-/-/R/- TC LL 20.0 TC DL 10.0	/-/R/ 20.0 PSF 10.0 PSF	Scale = .3125"/Ft. REF R487 18790 DATE 10/12/06
	LC DT	20.0 PSF	1 1
	BC DL	10.0 PSF	DRW HCUSR487 06285008
	BC LL	0.0 PSF	HC-ENG JB/AF
	TOT.LD.	40.0 PSF	SEQN-
	DUR.FAC.	1.25	

SPACING

24.0"

JRFF- 1T1F487_Z01

Wind reactions based on MWFRS pressures

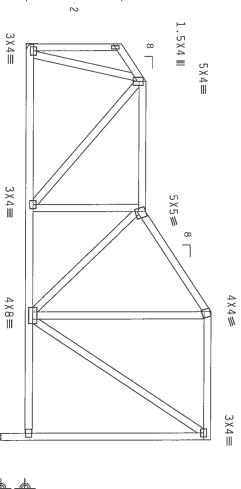
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

LEG DOWN DESIGNED FOR VERTICAL LOADS ONLY

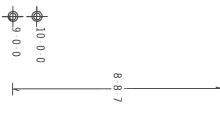
110 mph wind, 15.82 ft mean hgt, ASCE 7-02, CLOSED located within 4.50 ft from roof edge, CAT II, EXP DL=5.0 psf, wind BC DL=5.0 psf. B, wind TC

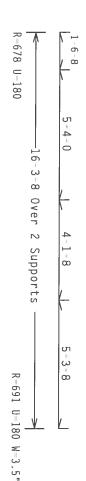
End verticals not exposed to wind pressure.

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



w





3 X 4≡

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

TYP.

Wave

***WARNING** TRUSES REQUIRE LYBERE CARE IN FARRICACION, IMANDING, SUPPING, INSTALLING AND BRACHEG.
RETER 10 BCS.1 10.3 (BUILDIG COMPORUM SAFITY INFORMATION), PRRILISHED BY FPI (TRUSE SAFIE HISTINIE. SB3
D'ANDRID OBS. SUITE 200, MADISAN, MI 5379) AND HCA (MODO TRUSE COMMIL OF AMERICA, 6300 ENTERPRISE LN.
MADISON, MI 5379) TOR SAFITY PRACHECIS PRINE TO PERFORMING THESE FUNCTIONS. UNELSS OHERWISE INDECATED.
DIP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARILS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED. RIGID CEILING.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ANY FAULUS THE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE ROSS IN COMPONANCE WITH THE PI.

RUSS IN COMPONENCE WITH THE PI.

BESIGN CONTONES WITH APPLICABLE PROVISIONS OF THIS CHARLES (MATIONAL DESIGN SPEC, BY AFRA) AND THI.

APPLICABLE THE APPLICABLE PROVISIONS OF THIS (MATIONAL DESIGN SPEC, BY AFRA) AND THI.

CONNECTION FLATES ARE ALSO OF ZO/JAJBAGA, ALM/JS/JA SATH ASS GRADE 40/50 (M. K/H.S) GALV. SIELL APPLY

PLATES TO EACH FACE OF TRUSS AND. HULESS OTHERNISE LOCATED ON THIS OESIGN, POSITION PER BRAHINGS 160A Z.

ANY HISPECTION OF PLATES TOLLOWED BY (1) SHALL BE PER ANNEX A OF PIL' 2002 SEC. 3.

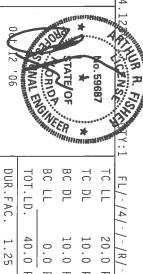
ASS ALON HITS

BRANING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOELLY TOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/FFT I SEC. 2.

Alpine Engineered Products, Inc.

33844 ation # 5

ALPINE



SPACING 24.0" JRFF- 1T1	DUR.FAC. 1.25	TOT.LD. 40.0 PSF SEQN-	BC LL 0.0 PSF HC-ENG JB	BC DL 10.0 PSF	TC DL 10.0 PSF DATE	TC LL 20.0 PSF REF R487	Y:1 FL/-/4/-/-/R/- Scale = .2
JRFF 1T1F487_Z01		SEQN- 131717	HC-ENG JB/AF	DRW HCUSR487 06285009	DATE 10/12/06	REF R487 18791	Scale = .25"/Ft.

(6 347 Will Myers Morris * B4)

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

Wind reactions based on MWFRS pressures.

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

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

Provide for complete drainage of roof.

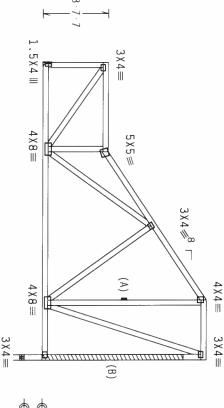
LEG DOWN DESIGNED FOR VERTICAL LOADS ONLY

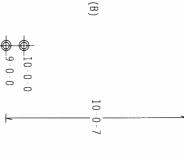
110 mph wind, 16.33 ft mean hgt, ASCE 7-02, CLOSED located within 4.50 ft from roof edge, CAT II, EXP DL=5.0 psf, wind BC DL=5.0 psf. B, wind TC

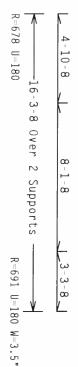
End verticals not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member. Or 19 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. 0r 1x4

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)

PLT

TYP.

Wave

WARNING IRUSSES BEQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, RETER TO BEST 1 D3 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY FPI (RUSS PLATE INSTITUTE, 593 D "OUDFRO BA, SIUTE 200, ANDISON, HI 53719) AND MICA (MOOD BUSS COUNCIL OF AMERICA, 5000 ENTERRESE LI, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNITESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ANY FAILURE TO BUILD THE PRODUCTS, THE SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN:

RUSS IN CONFORMACE WITH HET:

RUSS IN CONFORMACE WITH HET:

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HIDS (MATIONAL DESIGN SPEC, BY AFRA) AND FPI.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HIDS (MATIONAL DESIGN SPEC, BY AFRA) AND FPI.

CONFOCER PLATES ARE ANDEOUT POLICIES OF HERMISE LOCATED ON THIS DESIGN, POSITION PER BRANTHES IGAN ALL APPLY

PLATES TO EACH FACE OF TRUSS, AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER BRANTHES IGAN Z.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANNEX A) OF IPIL 2002 SEC. 3.

A SEAL ON THIS

DESIGN SHOWN.

HE SUITABLILLY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

BUILDING DESIGNER PER ANSI/PPI I SEC. 2.

Alpine Engineered Products, Inc.

ALPINE

Haines City, FL 33844



		Marie Control	CIVE NO.	ER	**************************************	THE REAL PROPERTY.
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
JREF 1T1E487_Z01		SEQN- 131710	HC-ENG JB/AF	DRW HCUSR487 06285010	DATE 10/12/06	REF R487 18792

-/R/-

Scale =.1875"/Ft.

6

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

Wind reactions based on MWFRS pressures

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

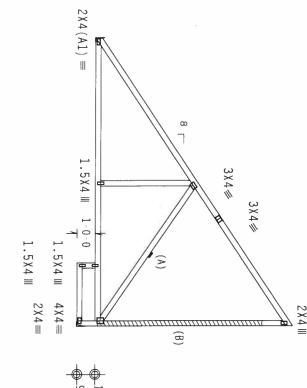
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

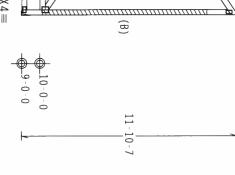
Laterally brace BC at 24" OC in lieu of rigid ceiling. Laterally brace BC above filler at 24" OC including a lateral brace at chord ends.

110 mph wind, 15.62 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

(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* 0C.







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

PLT

TYP.

Wave

WARNING IRUSSES REQUIRE EXTREME CARÉ IN FABRICATION, INAUDLING, SHIPPING, INSTALLING AND BRACING, RETER TO BEST TO BE COMPONENT SAFETY HUTGHRADION, PUBLISHED BY FPI (TRUSS PLATE INSTITUTE, 583 D'OUNTRIO BY. SUITE 200, ANDISON, H. 15339) AND WICA (MODD TRUSS COUNCIL OF AMERICA, 5000 ENTERPRISE LI, MADISON, H. 153719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. WHIESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED RIGHD CETLING.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FALLINE TO BUILD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FALLINE TO BUILD THE RUSS IN CONFORMACE WITH HE!

OF ARREST OF COMPORANCE WITH APPLICABLE PROVISIONS OF HIDS (MATIONAL DESIGN SPEC, BY AFAPA) AND TP!.

DESIGN COMPORANCE WITH APPLICABLE PROVISIONS OF HIDS (MATIONAL DESIGN SPEC, BY AFAPA) AND TP!.

CONNECTOR PLACES ARE AND. DO POPOLESS OF HIS SECOND THIS DESIGN POSITION PER DRAVINGS 160A 2.

APPLY

PLATES TO EACH FACE OF TRUSS AND. DUBLESS OTHERWISE COCATED ON THIS DESIGN. POSITION PER DRAVINGS 160A 2.

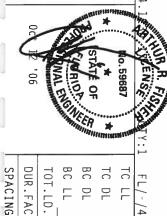
ANY HISPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ADMERTA 3 OF TP! 2002 SEC.3.

ASSEL AND THE SUITABLE OF PROFESSIONAL CHGINCERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN.

THE SUITABLE THAN AND LISE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

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

ALPINE



	d			AND THE	EER	**************************************	manus	
	SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL	1:1 FL/-/4/-/-/K/-
1	24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF	/-/K/-
	JREF - 1T1E487_Z01		SEQN- 131502	HC-ENG TCE/AF	DRW HCUSR487 06285118	DATE 10/12/06	REF R487 18793	Scale =.18/5"/Ft.

6 347 Will Myers Morris , **

86)

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

Wind reactions based on MWFRS pressures.

(B) SP #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.

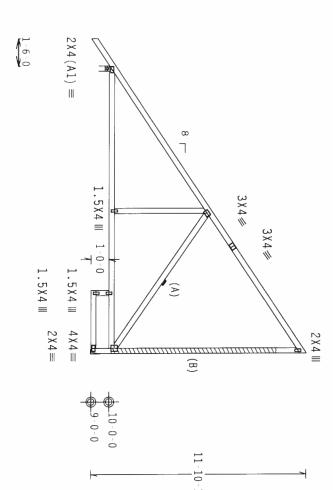
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Laterally brace BC at 24" OC in lieu of rigid ceiling. Laterally brace BC above filler at 24" OC including a lateral brace at chord ends.

110 mph wind, 15.12 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

(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.



Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0)
7.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION. MANDLING. SUPPTION. INSTALLING AND BRACING.
RETER to BCS1 1.03 (BUILDING COMPONENT SAFETY HATGHANDLING, PUBLISHED BY 191 (TRUSS PLATE HASTILLE, S03)
D'ONDER TO DR., SUITE ZOO, MANISON, MI 53719) AND NICA (MODO BRASE COUNCIL OF AMERICA, 6300 ENTERPRISE IN.
MANISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HIFSE FUNCTIONS. IMPERS OTHERWISE INDICATED,
HADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HIFSE FUNCTIONS IMPLES OTHERWISE INDICATED,
HOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAHELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED

R = 770

U=180 W=3.5"

15-9-0

Over 2 Supports

=650 U=180

15-5-8

PLT

TYP.

Wave

IMPORTANTTURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

AND THE ENGINEERED PRODUCTS, THEC. SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD HE PRODUCTS, THE C. SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. INSTALLING & BRACH OF BRUSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HOS (MATIONAL DESIGN SPEC, BY MARPA) AND TPL.

CONMECTION PLACES ARE MADE OF ZOTAJDIAGA, WHINESY, ASTH AGAS GRADE ADVIGE ON, K.Y.H.S. GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, HULESS OHERMISS (100A Z.) AND HIS DESIGN OF PARTES TOLLOHED BY (1) SHALL BE PER ANNEX AS OF THIS ZODOS SEC 3.

ANY HISPECTION OF PLATES TOLLOHED BY (1) SHALL BE PER ANNEX AS OF THIS ZODOS SEC 3.

AS SCALON HIS SHALL HAS AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/IPI I SEC. 3.

Alpine Engineered Products, Inc. 1950 Marley Drive

ALPINE

RIGID CEILING

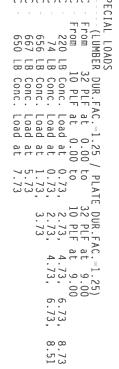
Illames City, FL 33844

Et Certificate of Authorization # 567

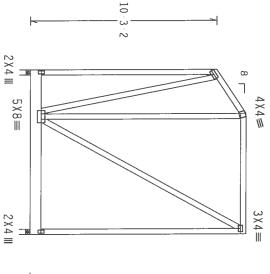
			-40	Juliu .	minn	(Links)
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JREF - 1T1E487_Z01		SEQN- 131512	HC-ENG TCE/AF	DRW HCUSR487 06285098	DATE 10/12/06	REF R487 18794

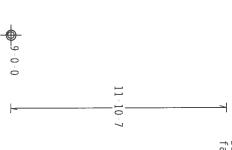
Scale

BC BC BC SPECIAL LOADS From 220 LB Conc. Load at 74 LB Conc. Load at 656 LB Conc. Load at 667 LB Conc. Load at 650 LB Conc. Load at (LUMBER DUR.FAC.=1.25 32 PLF at 0.00 10 PLF at 0.00 to 0.73, 0.73, 1.73, 5.73, 7.73 PLATE



3×6/





Nailing Schedule: (12d_Common_(0.148"x3.25",_min.)_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @ 5.75" o.c.
Webs : 1 Row @ 4" o.c.

4" O.C.

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

110 mph wind, 20.07 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

End verticals not exposed to wind pressure

In lieu of structural panels or rigid ceiling use purlins to prace 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=2137 U=397 W=3. **×** 9 - 0 - 0 \sim 0 Over 2 Supports 7-0 =2341 U=435 W=3.5"

Design Crit: $TPI-2002(STD)/FBC$ $Cq/RT=1.00(1.25)/10(0)$ **MARNING** IRUSSES REQUIRE EXIRCHE CARE IN FARRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PHILISHED BY FIT (TRUSS PLATE INSTITUTE, SAS D'ONOFRIO BR., SUITE 200, MOTISON, M. 153719), AND MICA (MODO BRUSS COUNCIL OF AMERICA, 6300 ENTERRISE UN. MOTISON, M. 153719), TO BERTORTHIG THESE FUNCTIONS. HALLS OTHERHISE INDICATED. TOP CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PAHELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PAHELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED

PLT

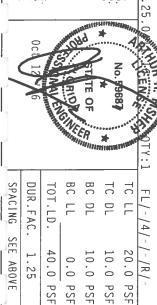
TYP.

Wave

ANY INSPECTION OF PLAIES FOLLOWED BY (1) SMALL BE PER ANDEX DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING REDESION SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT TO BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. HOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR DESIGNER PER ANSI/TPI I SEC. 2. BULLDING RESPONSIBILITY OF

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

ALPINE



PSF PSF

HC-ENG

TCE/AF 84155

REV

DRW HCUSR487 06285080

PSF

R487--

Scal e

1875"/Ft. 18795

DATE REF

10/12/06

. 25

JREF

l op Bot SPECIAL LOADS p chord 2x6 SP #2 t chord 2x8 SP #1 | Webs 2x4 SP #3 Dense :B1, B5 2x10 SP #1 Dense: :W4, W11 2x4 SP #2 Dense:

TC From 64 PLF at 0.00 to 64 PLF at 29.08
BC From 20 PLF at 0.00 to 20 PLF at 29.08
PLB 1292 LB Conc. Load at (0.35,11.04)
PLB 2044 LB Conc. Load at (2.35,11.04), (4.35,11.04), (6.35,11.04)
[8.35,11.04), (10.35,11.04)
PLB 2034 LB Conc. Load at (12.35,12.04), (14.35,12.04), (16.35,12.04)
[18.35,11.04), (20.35,11.04), (22.35,11.04), (24.35,11.04)
PLB 2840 LB Conc. Load at (26.35,11.04), (28.35,11.04) (LUMBER DUR.FAC.-1.25 / PLATE DUR.FAC.-1.25) rom 64 PLF at 0.00 to 64 PLF at 29.08 rom 20 PLF at 29.08

110 mph wind, 16.37 ft mean hgt, ASCE 7 02, CLOSED bldg, within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL BC DL=5.0 psf. not located =5.0 psf, wind

verticals not exposed to wind pressure

End

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

> COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d Common_(0.148*x3.25*,_min.)_nails)
Top Chord: 1 Row @12.00* o.c.
Bot Chord: 2 Rows @ 3.50* o.c. (Each Row)
Webs : 1 Row @ 4* o.c.
Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting.
In addition apply (1) 1/2* bolt at each joint location.

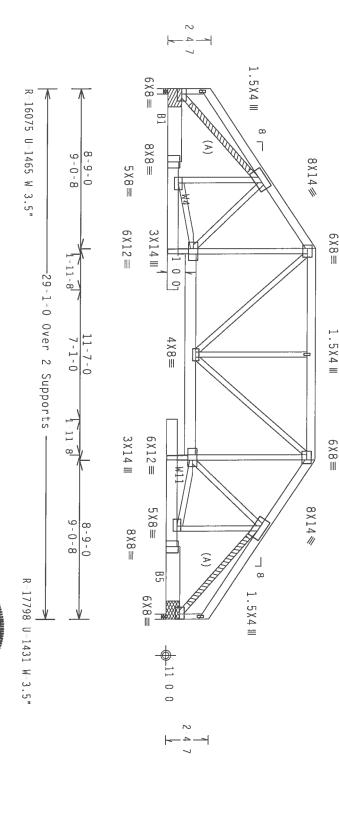
Bearing blocks: Nail type: 12d Common (0.148"x3.25", min.) n. BRG X LOC #BLOCKS LENGTH/BLK #NAILS/BLK WALL PLATE 1 0.000' 1 12" 17 Match Truss Bearing block to be same size and species as bottom chord. Refer to drawing CNBRGBLK1103 for additional information. 28.792' 12" Match Truss nails

(16.35, 12.04)

Wind reactions based on MWFRS pressures.

(A) (2) SP #3 or better scab braces. Same size & 80% length of web member. Attach one to each face w/10d Box or Gun (0.128*x3",min.)nails @ 6" 0C.

က



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

PLT

TYP.

Wave

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERD PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DETAILOR FROM THIS DESIGN: ANY FALURE TO BUILD THE HOUSES.

BESIGN CONTORNS WITH APPLICABLE PROVISIONS OF HOS (INSTIGNAL DESIGN SPEC, BY ATRA) AND IPI.

CONNECTOR PLATES ARE MADE OF ZO/193/166A, (4):1/5/2/) ASTH AGES GRADE CAD/50 (4, K/H.S) AGAV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERNISE LOCATED ON HIS DESIGN, POSITION FOR BRAHMES 160A Z.

APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE LOCATED ON HIS DESIGN, POSITION FOR BRAHMES 160A Z.

APPLY BRAHMED INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF STEEL SHOWN.

BRAHMED INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF STEEL SHOWN.

BUILDING DESIGNER PER ANSI/IPI 3 SC. Z.

Alpine Engineered Products, Inc. 1950 Marley Drive

ALPINE

RIGID CEILING

Haines City, FL 33844



0%Y:1	FL/-/4/	/-/4/-/-/R/-	Scale = .1875"/Ft.
marris	TC LL	20.0 PSF	REF R487 18797
# ///mii	TC DL	10.0 PSF	DATE 10/12/06
VIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	BC DL	10.0 PSF	DRW HCUSR487 06285074
	BC LL	0.0 PSF	HC-ENG TCE/AF
	TOT.LD.	40.0 PSF	SEQN- 131597
	DUR.FAC.	1.25	
	SPACING	See above	JREF 1T1E487_Z01

See above JREF 1T1E487_Z01

Alpine Engineered Products, Inc. 1950 Marley Drive
Haines City, FL 33844
Ft Certificate of Authorization # 547 In 11 Top chord 2x4 SP #2 Dense :T2, :T3 2x8 SP #1 Dense: Bot chord 2x6 SP #2 :B2 2x8 SP Webs 2x4 SP #3 PLT See DWGS All015EE0405 & GBLLETIN0405 for more requirements Wind reactions based on MWFRS pressures œ 6 attic 8-0 to lieu of structural panels or rigid ceiling use purlins to brace @ 24" OC, BC @ 24" OC. TYP. 347 -- Will Myers Morris room floor loading: 19-8-0. ALPINE Wave R-161 PLF U-7 PLF 3X16(**) Ⅲ -9-15 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FLANGE PRODUCTS, HIC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIALITION FORM THIS DESIGN: ANY FALLING FORM THIS DESIGN: INSTALLING A BRACIN OF THE PRODUCTS HE CONTRACTOR FOR THE PRODUCTS HE CONTRACTOR FOR THE PROPERTY OF THE PRO 3X4 // ANY HASPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX DRAWLING HOULAIES ACCEPTANCE OF PROFESSIONAL ENGLINEERING REDESIGN SHOWN. THE SUITABLILITY AND USE OF THIS COMPONENT FOR BUILDING DESIGNER PER ANSI/FPI 1 SEC. 2. **WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, INADLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST 1-03 (BUILDING COMPORIN) SAFETY INFORMATION), PUBLISHED BY THE (PUBLS PLATE INSTITUTE, 583 D'ONDOFRIO DR. SHITE ZOO, MADISON, NI 53719) AND NICA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN. MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING 8 #1 Dense: W=27-4-0T 4 1.5X4 III 3 X 4 ₪ 40.00 2×8 SP D1) psf; 7 X 6≡ SS: Design Crit: 10 4X10(R) Ⅲ 1.5X4 III 10.00 4X6(R) ₩ TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 27-4-0 Over Continuous Support $\frac{1}{3}$ POSITION PER DRAWINGS 160A-2 ALPINE ENGINEERED
ANY FAILURE TO BUILD THE
ING & BRACING OF TRUSSES.
ALPINE
PA) AND IPI.
ALPINE 3. A SEAL ON THIS FOR THE TRUSS COMPONENT HE RESPONSIBILITY OF THE 0 Ö Right end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings. 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. (**) 2 scaled Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50.\,$ rigid ceiling. Collar-tie braced with continuous lateral bracing at 24" 4X6(R) /// plate(s) require special positioning. Refer to plate plot details for special positioning requirements. 4 X 1 0 (R TUR R. F. CHNS . 59687 7 - 10 - 1 7 X 6 ≡ 8 * 1.5X4 III ימטוי כטוח טובת נמחטו (בטחטט פ טומבחטוטים) טטטחווובט טו וחטטט חודה. BC DL TC DL ВС DUR.FAC. C TOT.LD. FL/-/4/-3X4// 1-9-15 3X16(**) Ⅲ 1.25 10.0 10.0 20.0 /-/R/-40 0.0 Ö PSF PSF PSF PSF PSF SEQN-DATE REF HC-ENG TCE/AF DRW HCUSR487 06285075 Scale = .25"/Ft. 20 R487---10/12/06 130954 18798 9

SPACING

SEE ABOVE

JREF

Alpine Engineered Products, Inc. 1950 Marley Drive Hames City, FL 33844 Top chord 2x6 SP #1 Dense :T2, T4 2x8 SP :T3 2x8 SP #1 Dense:
Bot chord 2x6 SP #2 :B2 2x8 SP #1 Dense:
Webs 2x4 SP #3
:Lt Slider 2x6 SP #2: BLOCK LENGTH = 1.9
:Rt Slider 2x6 SP #2: BLOCK LENGTH = 1.9 PLT TYP. In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC. 6-347--Will Myers Morris -attic room floor loading: LL 8-0 to 19-8-0. ALPINE 20 Gauge HS,18 Gauge HS, Wave 1-6-0 3X12(E3) III 5X4(E3) =R=2084 U=180 W=3.5" 3X5/ **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILINE ENGINEERED PRODUCTS, INC. SMALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HITS DESIGN: ANY FAILINE TO BUILD THE RUSS IN COMPONENCE HITH PET:

OF THE STORM OF THE **WARNIG** HRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SUIPPING, INSTALLING AND BRACING. RETER TO BEST 1:03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'OHOFRIO BR. SUITE ZOO, HADISON, UI 53719) AND MICA (MODO TRUSS COUNCIL DE AMERICA, 6300 ENTERPRISE LIN-MADISON, UI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERMISE INDICATED, TOP CHARD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED RIGID CEILING. 8 1.5X4 III 3X4/ 40.00 psf; DL 1.500' 1.500' HS512 €X6≡ 11-8-0 Design Crit: 4X10(R) ₩ 3 X 1 0 III 10.00 psf; from TPI=2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0) -27 - 4 - 0 SS0612= B2 0ver 12-0-0 J 0-0 2 Supports SS0612 ≥ rigid ceiling. Calculated horizontal deflection is 0.16" due to live load 0.30" due to dead load. Wind reactions based on MWFRS pressures 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. Deflection meets L/240 live and L/180 total load. Creep factor for dead load is 1.50. Collar-tie braced with continuous lateral bracing at 24" 14 4X10(R) 3X10 **■** CONS 11 - 8 - 0 \equiv HS512₩ €X6= 1.5X4 III 3X4// BC DL SPACING BC LL TC DL TC LL DUR.FAC. TOT.LD. FL/-/4/-/-/R/-R=1976 U=180 W=3.5" 5X4(E3) =3X5// 3X12(E3) III 40.0 10.0 24.0" 1.25 10.0 20.0 0.0) bldg, not B, wind TC PSF PSF PSF PSF PSF increase JRFF-SEQN-DATE REF HC-ENG DRW HCUSR487 06285081 and Scale = .25"/Ft. 00 R487--1T1F487_Z01 TCE / AF 131016 10/12/06 9 18799 -12

Top chord 2x6 SP #1 Dense :T2
Bot chord 2x6 SP #2 :B2 2x8 S
:B3 2x4 SP #2 Dense:
Webs 2x4 SP #3
:Lt Slider 2x6 SP #2: BLOCK L
:Rt Slider 2x6 SP #2: BLOCK L Alpine Engineered Products, Inc. 1950 Marley Drive
Hames City, FL 33844
FI Centificate of Authorization # 567 Deflection meets L/240 live and L/180 total load. factor for dead load is 1.50. Collar tie braced with continuous lateral bracing rigid ceiling. 347 Will Myers Morris TYP. ALPINE 20 Gauge HS, Wave **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FALLINE TO BUILD THE PRODUCTS, THE. SMALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; THE TALLINE TO BUILD THE PRODUCTS, THE. SMALL NOT BE RESPONSIBLE FOR ANY DEVIATION, AND THIS DESIGN SPEC, BY ATERA AND TPI.

RESSET OF CONTRASH WITH APPLICABLE PROVISIONS OF THIS CHAITIONAL DESIGN SPEC, BY ATERA) AND TPI.

CONTRACTOR PAIRST ARE AND OF ZOLDED AND AND THE CONTRACTOR PAIRST AND AND TRIAL APPLY

PLATES TO CACH FACE OF TRUSS AND. HUNLESS OTHERNISC LOCATED ON THIS DESIGN, POSITION PER DRAMINGS 160A C.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AIMER AS OF TPI 2002 SEC. A.

ASSALOU THIS DESIGN OF PLATES OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT **WARNING** TRUSSES BEQUIRE EXTREME CARE IN FABRICATION. IMAIDLING. SHIPPING, INSTALLING AND BRACING. REFER TO BEST I DO GONITOR GOMEONERY SAFETY HUTORRATION), PUBLISHED BY TPE (FRUSS PLATE HISTITURE, 1833 D'ONDERFOLO BE, SITIEZ DOD, HADISON, H. 153719) AND MECA (MODO BRUSS COUNCE) OF AMERICA, 5000 ENTERPRISE LI, HADISON, H. 153719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE A PROPERTY ATTACHED. BUILDING DESIGNER PER ANSI/IPI I SEC LENGTH T2, Sp 3X12(E3) III T3 2x8 SP #1 Dense: 1 6 0 5X4(E3) =2×8 1 1 3×5/ -2084 U-180 W-3.5' SP #1 D3) Design Crit: 1.5X4 Ⅲ Dense: 3X4# HS512 11-11-5 €X6= Creep increase at 24" 4X10(R) ₩ 3-8-0 TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 8 3X10 III 27-4-0 Over 2 Supports 82 $4 \times 4 =$ O2 SEC.3.
A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT HE TRUS COMPONENT HE ∞ 0 3X4 **■** 2 0 4X8(R) Ⅲ 4 X 4 == 0 T3 BC attic room floor loading: LL = 40.00 psf; DL 7-8-0 to 19-8-0. Calculated horizontal deflection is 0.15" 0.28 " due to dead load. 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. Wind reactions based on MWFRS pressures. 3X10 W 6-3-5 4X10(R) Ⅲ 8 HUR R. 13-8-0 HS512₩ €X6≡ CANSE 1.5X4 III ഗ 8-0 R-1976 U-180 W-3.5" 5X4(E3) =* 3X12(E3) III 3×5// BC DL TC DL DUR.FAC. ВС TOT.LD. C FL/-/4/-/-/R due to 1.25 40. 10.0 20.0 10.0 PSF 0.0 live . 10.00 psf; from PSF PSF PSF PSF load DATE REF HC-ENG DRW HCUSR487 06285078 Scale = .1875"/Ft. R487--TCE/AF 10/12/06 10 131009 18800 12

SPACING

24.0"

JREF-

Collar tie braced with continuous lateral bracing rigid ceiling. Calculated horizontal deflection is 0.38" due to live load and 0.55" due to dead load. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,.$ PLT Alpine Engineered Products, Inc 6-347--Will Myers Morris --Haines City, FL 33844 TYP. ALPINE 20 Gauge Wave HS,18 Gauge HS, **IMPORTANT***JURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPHE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FALLURE TO BUILD THE RESULT OF THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION, HADDLING, SHIPPING, HISTARLING A BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (MATIONAL DESIGN SPEC, BY AFRYA) AND PI. APPLY CONFICURE PLATES ARE MADE OF 70/181/AGA (M-M-M/SY) ASTH AGS GRADE 40/50 (M-M/MS) AGAILS STEEL. APPLY PLATES TO FACH FACE OF TRUSS AND, HINLSS OTHERWISE, LOCATED ON THIS DESIGN, POSITION FOR BRANDING 1804 AND THIS DESIGN AND OF PLATES FOLLOWED BY CI) SHALL BE FER ANNIX AS OF PIL 2002 SCC 3.

AREA THIS SHOWN, THE SULTABLILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUSINGS BESIGNER FER ANSILTY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE RIGID CEILING. 3X12(E3) III 1-6-0 5X4(E3) =3×5/ #1 Dense: =2100 D4) Design Crit: U = 1803×4/ .5X4 III W=3.5* HS512≡ HS512 11 - 11 - 52.5X6≡ 4-0-0 TPI-2002(STD)/FBC Cq/RT=1.00(1.25) 2.5X8 27-4-0 Over 2 Supports $1.5 \times 4 =$ 82 4X8(R) W 12 ω 0 /10(0)Ö $3 \times 4 \equiv$ ВЗ 7-8-11 110 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. Calculated vertical deflection is 0.55 " 0.80" due to dead load at X=7.4-8. BC attic room floor loading: LL 7-8-0 to 19-8-0. Right end vertical not exposed to wind pressure Wind reactions based on MWFRS pressures (A) Continuous lateral bracing equally spaced on member. 3 X 4 ≡ 4X12(R) Ⅲ $3 \times 4 \equiv$ 1-8-0 2-0-0 SS0612 == $\widehat{\mathbb{A}}$ WENS! o. 596 5-8-0 4 X 5 (R) Ⅲ $\widehat{\mathbb{A}}$ Ξ R=2013 U=180 W=3.5" €X8**≡** * -8-0 2 X 4 III = 40.00 psf; DL = 10.00 psf; fromBC DL TC DL 2.5X8 TC LL SPACING DUR.FAC TOT.LD. FL/-/4/due to live load and 40.0 10.0 20.0 24.0" 10.0 PSF 1.25 0.0) bldg, not B, wind TC PSF PSF PSF PSF REF JREF -DATE SEQN-HC-ENG DRW HCUSR487 06285086 Scale R487--1T1E487_Z01 J TCE/AF 10/12/06 131002 1875"/Ft 10 18801 ά

**

Top chord 2x4 S :T2 2x8 SP #1 E Bot chord 2x6 S :B3 2x4 SP #2 E 2x4 SP #2 Dense :T1 2x6 SP Dense: #2:

SP #2 :B2 2x8 SP

:B3 2x4 SP #2 Dense: :B4 2x8 SP #1 Dense: Webs 2x4 SP #3 :W6 2x4 SP #2 Dense: :Lt Slider 2x6 SP #2: BLOCK LENGTH = 1.500'

Calculated horizontal deflection is 0.31" due to live load and 0.45" due to dead load.

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

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.

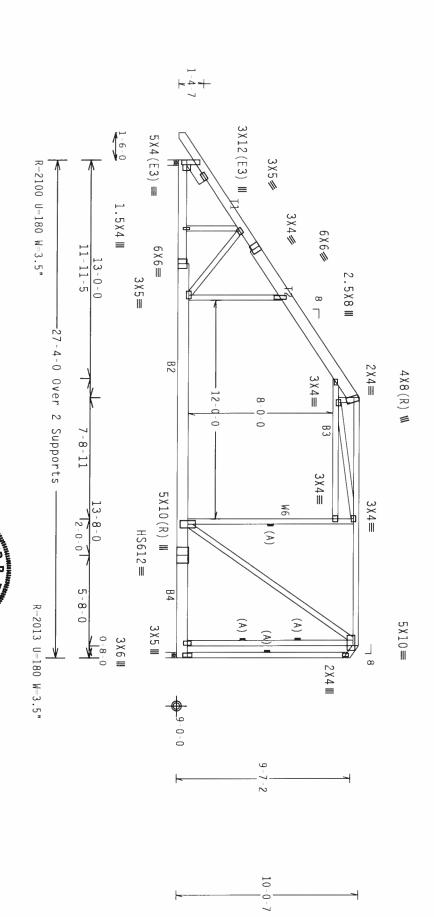
Wind reactions based on MWFRS pressures

Right end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

BC attic room floor loading: 7-8-0 to 19-8-0. LL = 40.00 psf;__ J0 10.00 psf; from

Calculated vertical deflection is 0.46° 0.66° due to dead load at X = 7.4-8. due to live load



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

TYP.

20 Gauge HS, Wave

Design Crit:

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

RIGID CEILING

.59687

*

TC DL TC LL

DATE REF

10/12/06

18802

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

Scale =.1875"/Ft. R487--

BC DL BC LL

> 10.0 PSF 10.0 PSF 20.0 PSF

DRW HCUSR487 06285092

0.0 PSF

HC-ENG

TCE / AF 130995

SPACING DUR.FAC. TOT.LD.

24.0"

JREF -

1T1E487_Z01

40.0 1.25

PSF

SEQN-

IMPORTANTPUBHISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FALLURE TO BUILD THE PRODUCTS, INC. SHALL HOLD BE RESPONSIBLE FOR MAY DEVALUTION FROM THIS DESIGN: ANY FALLURE TO BUILD THE TRUSS IN CONFORMACE WITH TP! OR FABRICATION, HANDLING, SHIPPING, INSTALLURG BRACKING OT TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (MATIONAL DESIGN SPEC, BY ARRAY) AND TP!. ALPENE CONHECTOR PLATES ARE MADE OF 207/18/16GA (#.1/5/F) ASTH AGS GRACE AD/60 (#.K/H/5) GALV. STEEL. APPLY PLATES TO EXCHE TAKE OF TRUSS AND. MILESS OTHERISE LOCATED ON THIS DESIGN, POSITION FOR DRAWINGS IGAN Z ANY IMPRECION OF PLATES FOLGRED BY (1) SHALL BE PER AMBLY AS OF TPIL 2002 SEC. 3. A SEAL ON THIS DRAHING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY

DESIGNER PER ANSI/TPI 1 SEC 2. COMPONENT FOR ANY BUILDING DESIGN. POSITION PER BRAHINGS 160A Z
PH 2002 SEC.3. A SEAL ON THIS
LLITY SOLELY FOR THE TRUSS COMPONENT
BUILDING IS THE RESPONSED.

Top chord 2x8 SP #1 Dense :T1 2x6 SP #2:
Bot chord 2x6 SP #2 :B2 2x8 SP SS:
:B3 2x8 SP #1 Dense:
Webs 2x4 SP #3 :W4 2x4 SP #2 Dense:
:Lt Slider 2x6 SP #2: BLOCK LENGTH = 1.500'

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C. Calculated horizontal deflection is 0.18" due to 0.26" due to dead load. live load and

BC attic room floor loading: LL = 7-8-0 to 19-8-0. 40.00 psf; DL 10.00 psf; from

Wind reactions based on MWFRS pressures

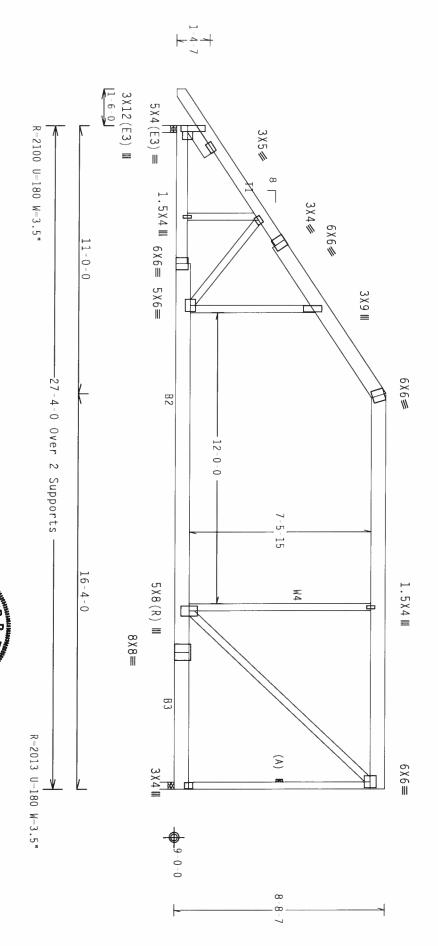
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

Collar-tie braced with continuous lateral bracing at 24" rigid ceiling. 0C. 9

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
Haines City, FL 33844
FT Certificate of Authorization # 567

DESIGNER PER ANSI/TPI 1 SEC

THE SUITABILITY AND USE OF THIS

VIA BRITTING

IS THE RESPONSIBILITY OF THE

SPACING DUR.FAC.

24.0" 1.25 40.0

JREF-

1T1E487_Z01

TOT.LD.

SEQN-

131028

ALPINE

RIGID CEILING

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPTHE ENGLICETED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FALLURE TO BUILD THE ROSS IN CONTRAMANCE AITH FOIL

BESTIGN CONTRONES WITH APPLICABLE PROPUSIONS OF THIS (MAINDLING, SHIPPING, INSTALLING & BRACTHE OF PRUSSES, DESIGN CONTRONES WITH APPLICABLE PROPUSIONS OF THIS (MAINDLING, SHIPPING, AFERA) AND TPI.

CONTROL ON FARE AND CONTROL OF THIS SOURCE AND ADDITION OF THE ADMINISTRATION OF

Design Crit:

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

/10(0)

CENSE No.59687

BC DL TC DL

10.0 PSF 10.0 PSF

0.0 PSF PSF

> HC-ENG TCE/AF DRW HCUSR487 06285091

TC LL

20.0

PSF

DATE REF

10/12/06 18803 FL/-/4/-

/-/R/-

Scale =.25"/Ft.

R487--

PLT

TYP.

Wave

SPACING

24.0"

D8

6

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

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.

(B) 2x4 #3 or better "T" brace. 80% length of web member. with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" 0C.

hip supports 7-0-0 jacks with no webs

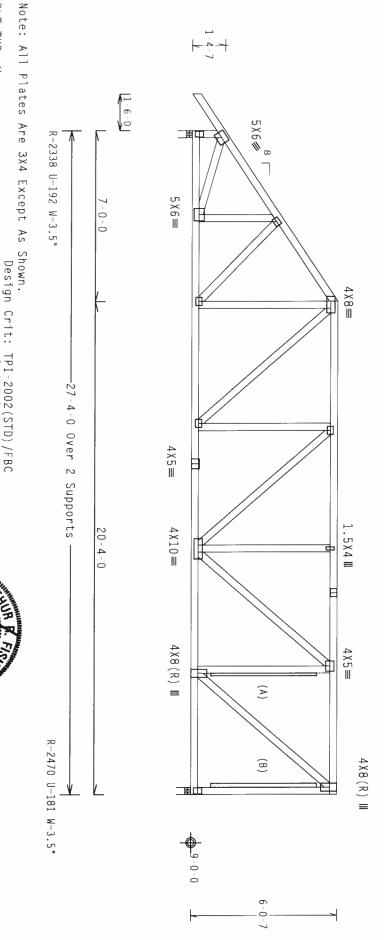
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Right end vertical not exposed to wind pressure.

(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" 0C.

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

Left side jacks have 7-0-0 setback with 0-0-0 cant and 1-6-0 overhang. End jacks have 7-0-0 setback with 0-0-0 cant and 1-6-0 overhang. Right side jacks have 0-0-0 setback with 0-0-0 cant and 0-0-0 overhang.



PLT TYP.

Wave

***WARNING** IRUSSES REQUIRE EXPREME CARE IN FARRICATION, MANDLING, SHIPPING, HISTALING AND BRACING, RETER 10 BCS1 10 3 (BUILDING COMPONENT SAFETY MIGRANING), PRELISIED BY IPI (HRUSS PLATE HISTIDUE, 583 DO ONDERIO DE, SUITE 200, MADISON, WI 53719) AND WICA (MODO TRUSS COUNCIL OF AMERICA, 6300 ERHEMPISE LW, MADISON, WI 53719) FOR SAFETY PRACTICES PROCEED SHALL HAVE PROPERTY ATTACHED TO THE COMPONENT AND FOR A PROPERTY ATTAC RIGIO CCILING. TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

IMPORTANTTURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

AIP TAILERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION ROW THIS DESIGN. ANY TAILERE TO BUILD THE RUSSES.

BY ANY TAILERE TO BUILD THE RESPONSIBLE FOR ANY DEVIATION AND THIS DESIGN. ANY TAILERE TO BUILD THE RUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF DUS (MATIONAL DESIGN SPEC, 89 ATRA) AND THE.

CONNECTION PALATES ARE MADE OF 20/10/10/600, (M.H.Y.S.) ASTA MASS GRADE 40/50 (M. K.M.S.) GALV. STEEL. APPLY

FALATES TO EACH FACE OF TRUSS AND. DURESS DIMERN'S LOCATED ON THIS DESIGN, POSITION PER BRAHINGS 160A Z.

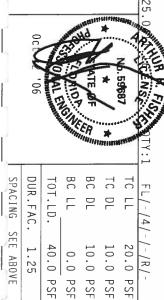
ANY HISPECTION OF PLATES POLLOWED BY (1) SHALL BE PER ANNY XA OF THIS 2002 SEC.3.

AS STAND THE SULFABLE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPORENT DESIGN SHOWN.

THE SULFABLLITY AND DESCRIPTION OF THE TRUSS COMPORENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

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

ALPINE



PSF

HC-ENG

TCE/AF 84182

PSF

SEQN

REV

JREF-

1T1E487_Z01

PSF

R487--.11

18805

Scale

. 25"

DATE REF

10/12/06

DRW HCUSR487 06285089

Top chord 2x4 SP | Bot chord 2x4 SP | Webs 2x4 SP | Alpine Engineered Products, Inc. 1950 Marley Drive Hames City, FL 33844 Provide Provide Hipjack supports 7–0–0 setback jacks with no Wind reactions based on MWFRS pressures PLT 6 347 -- Will Myers Morris TYP. (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord. (3) 16d common nails(0.162"x3.5"), toe nailed at Bot chord. ALPINE Wave #2 Dense #2 Dense #3 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FACLURE TO BUILD THE PRODUCTS, INC. SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FACLURE TO BUILD THE RUSS IN COMPONANCE WITH HET:

OF THE PROVISIONS OF THIS FOR THIS PROVISIONS OF THIS CHARLES HE CANCEL OF THE PROVISIONS OF THIS CHARLES AFTER SPEC, BY ATRAPA AND THIS CONTROL AND THE CONTROL AND THE CONTROL AND THE CONTROL AND THIS DESIGN FOR THE THIS DESIGN FOR THE THIS DESIGN FOR THIS DESIGN SHOWN.

DESIGN SHOWN THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER FER ANSI/TPI I SEC. 2. ***MARN.MG*** IRRISES BEORIBE EXTREME CARE IN FARBICATION, HANDLING. SUPPLIED, IRSTALLING AND BRACING.
RETER TO BEST I DO SUBLICIANDE CAMPRIENT SAFETY INCOMATION). PUBLISHED BY IPT (FRUSS PACAE INSTITUTE 583
D'ONOFRIO DR., SUITE 200, MADISON, HI 53719) AND HEGA (MODD TRUSS COUNCIL OF AMERICA, 6300 EMERPRISE LN,
HADISON, HI 53719) FOR SAFETY PRACTICES PRICHORA FAMILES AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED
OP COMED SHALL HAVE PROPERTY ATTACHED STRUCTURAL FAMILES AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED RIGID CEILING. HJ7) $2X4(A1) \equiv$ Design Crit: R = 472webs. U=180 5.66 W=4.95* TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0) -9-10-13 Over 1.5X4 3 Supports In lieu of structural panels or rigid ceiling use @ 24" OC, BC @ 24" OC. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. psT. 110 mph wind, 15.00 ft mean hgt, anywhere in roof, CAT II, EXP B, SALKUR. 3 X 4 ≡ GENS lo. 59687 ATE OF R=259 U=180 R=374 U=180 * ASCE 7-02, CLOSED bldg, Located wind TC DL=5.0 psf, wind BC DL=5.0 BC LL TC DL TC LL DUR.FAC. ВС SPACING TOT.LD. FL/=/4/= ഗ P 0 'n 14-8-4 SEE ABOVE 10-0-0 / = /R/ 40.0 10.0 20.0 10.0 PSF 1.25 0.0 purlins PSF PSF PSF PSF to brace TC SEQN-DATE REF JREF-DRW HCUSR487 06285064 HC-ENG Sca e R487--1T1E487_Z01 =.375"/Ft. TCE/AF 10/12/06 130880 18806

Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844
Ft Certificate of Authorization # 567 110 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. PLT Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Top chord 2x4 SP #2
Bot chord 2x4 SP #2 6-347-Will Myers Morris TYP. ALPINE Wave Dense Dense **IMPORTANT**TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPHRE ENGINEERD PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN. ANY FAILURE TO BUILD THE FROMESTS HE COMPONANCE WITH THE PROVISIONS OF MAN FAILUR, MANDIEG, SHIPPING, INSTALLING A BRACING OF RBUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MIDS (MAIDONAL DESIGN SPIC, BY ATRA) AND TPI.

APPLICABLE TO EACH FACE OF TRUSS AND, UNLESS OF MIDS (MAIDONAL DESIGN SPIC, BY ATRA) AND TPI.

PLATES TO EACH FACE OF TRUSS AND, UNLESS OF MIDS (MAIDONAL DESIGN, POSITION FER BRAHHOS 160A Z. APPLY

PLATES TO EACH FACE OF TRUSS AND, UNLESS OF MENS IN LOCATED ON HIS DESIGN, POSITION FER BRAHHOS 160A Z. APPLY

BANHOR INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR HE FRUSS COMPONENT DESIGN SHOWN.

THE SUITABLETTY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI I SEC. Z. ***MARNING** FRUSES BEOURE EXTREME CARE IN FARBICATION, HANDLING, SUPPLIES, DISTALLING AND BRACHIG.

***FARRING** TRUSES BEOURE EXTREME CARE IN FARBICATION, HANDLING, BY TPI (TRUSE SCHOOL)

***DONOFRIO DR., SUTTE 200, HADISON, HI 53719) AND HIGA (HODD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LM, HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO REFORMING THE SET UNICIDIAS, UNILESS OTHERWISE INDICATED, OF COMED SHALL HAVE PROPERTY ATACHED STRUCTURAL PARCES HAD BOTTON CORDS SHALL HAVE A PROPERTY ATACHED TO THE CONTROL OF THE PARCEST ATACHED TO THE CONTROL OF THE PARCEST ATACHED TO THE CONTROL OF THE C RIGID CEILING. **1** 6 0 **V** 2X4(A1) =EJ7 R-417 U-180 W-3.5" M Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 7-0-0 Over ω 8 Supports In lieu of structural panels or rigid ceiling use @ 24" 0C, BC @ 24" 0C. 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. for accuracy. Trusses or components connecting to the truss designer. The loading for R-82 U-180 R=193 U=180 0c **V**12 THE 5 MENSE ONAL ENGINEERING STATE OF Vo. 59687 -7 _14-8-15 10-0-0 * BC DL BC LL TC DL TC LL DUR.FAC. this girder have been modified by this girder requires verification SPACING TOT.LD. FL/-/4/-/-/R/-40.0 24.0" 1.25 10.0 PSF 20.0 PSF 10.0 PSF 0.0 PSF purlins PSF to brace TC SEQN-DATE REF JREF-HC-ENG DRW HCUSR487 06285066 Scale R487--=.375"/Ft. TCE/AF 10/12/06 130751 18807

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

Wind reactions based on MWFRS pressures.

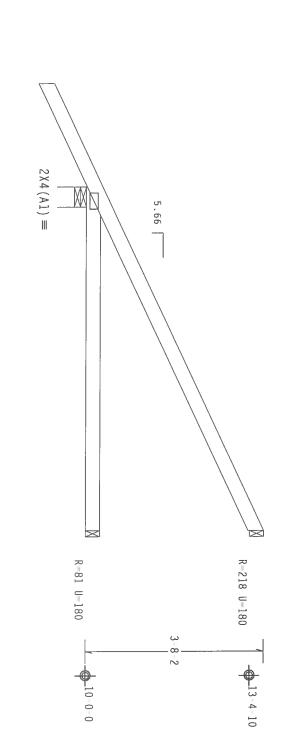
Hipjack supports 5=0-0 setback jacks with no webs

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 anywhere in roof, CAT II, EXP B, wind psf. 7-02, CLOSED bldg, Located TC DL=5.0 psf, wind BC DL=5.0

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

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





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

314

U-180 W-4.95"

PLT TYP.

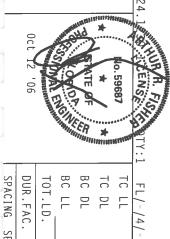
Wave

*****WARNUMG** TRUSSES BEDUIBE EXTREME CARE IN FABRICATION, MANDI UNG. SUPPORG, INSTALLING AND BRACING. RETER TO BEST I DO SQUILLUNG COMPORUM SAFETY HOROMATION). PROLISHED BY FPI (TRUSS PLATE HASTITUE, SON DO PROFESSED ON SON SON SAFETY PACIFIC ASTRONOMY AND WICA (MODD TRUSS COUNCIL OF AMERICA, GOOD ENTERPRISE LM, MADISON, WILSTIP) FOR SAFETY PRACTICES PRIOR TO PERFORMING INSECT UNDICIONS. UNLESS DIMERNISE INDICATED, TOP CHORD SMALL HAVE PROPERTY ATTACHED RIGID CEILING.

IMPORTANT*Gravish a copy of this design to the installation contractor. Any falure to build the products, inc. Shall not be responsible for any detailor for this design. Any falure to build the products, inc. Shall not be responsible for any detailor, shapping, installing a beauting to build the russ in compendance with the production. The production is the production of the producti

Alpine Engineered Products, Inc. Haines City, FL 33844

ALPINE



10.0

PSF PSF

DATE REF

10/12/06

18808

10.0 PSF

DRW HCUSR487 06285084

0.0 .

PSF

HC-ENG

TCE/AF

PSF

SEQN-

130767

20.0

'-/R/-

Scale = .5"/Ft. R487---

SEE ABOVE

JREF

1T1E487_Z01

1.25 40.

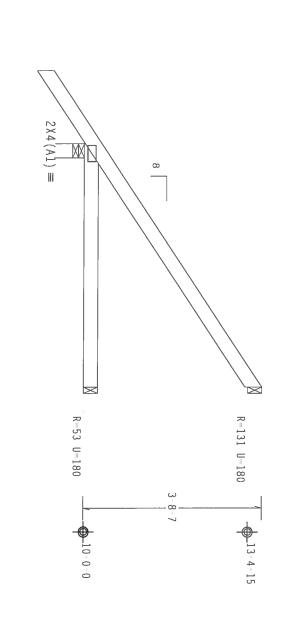
Bot chord 2x4 chord 2x4 SP 22 Dense Dense

Wind reactions based on MWFRS pressures

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

110 mph wind, 15.00 ft mean hgt, ASCE 7- $\bar{0}2$, CLOSED within 4.50 ft from roof edge, CAT II, EXP B, wind wind BC DL=5.0 psf. bldg, not located TC DL=5.0 psf,

Provide Provide In lieu of structural panels or rigid ceiling use @ 24 ° OC, BC @ 24 ° OC. 2 2 16d common nails(0.162"x3.5"),
16d common nails(0.162"x3.5"), toe nailed toe nailed purlins to brace TC at Top chord. Bot chord.





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

7.24

CRNSE

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

Scale = .5"/Ft. R487--

DATE REF

10/12/06 18809

DRW HCUSR487 06285106

TCE/AF 130764

PLT

TYP.

Wave

WARNING IRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING, REFER TO BEST 1 03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE (TRUSS PLATE INSTITUTE, 583 D'ONDETRO BR. SULTIE 200, HADISON, WI 53719) AND NICA (MOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LM, HADISON, WI 53719, AND NICA (MOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LM, HADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE HISTALLATION CONTRACTOR.

ALPHRE ENGINEERED PRODUCTS, THE SHALL HOT BE RESPONSIBLE FOR ANY BEALMON FROM THIS DESIGN;

ANY FALLURE TO BUILD THE FROM SAYS DESIGN. THIS DESIGN. THIS DESIGN. THE MAY FALLURE TO BUILD THE FRUSES IN COMPORANCE WITH HET!

BUSIGN CONTORNS WITH APPLICABLE PROVISIONS OF HIS GIANTIONAL DESIGN SPEC, BY AFRA) AND FPI.

CONTRECTOR FALES ARE HADE OF ZO/18/16/CA (M.H/SZY) ASIM ASS GRADE 60/60 (M. K/H-S) GALV. STEEL APPLY PALES TO EACH FACE OF TRUSS AND. DURESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER BRAHHIGS 160A Z.

ANY HISPECTION OF PLATES TOLLOWED BY (1) SHALL BE PER AIMEX AS OF FPI) ZOOZ SEC.3.

ASSAL ON THIS DESIGN SHOWN.

THE SUITABLETTY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUSIC COMPONENT OF SHEEL SHOWN.

BUILDING DESIGNER PER AMSI/IPI I SEC. Z.

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

ALPINE

70BIOP STATE OF 6.59687 * SPACING BC LL BC DL TC DL TC LL DUR.FAC. TOT.LD. 24.0" 1.25 40. 10.0 PSF 10.0 PSF 20.0 PSF 0.0 PSF 0 PSF

JREF

1T1E487_Z01

SEQN-HC-ENG

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

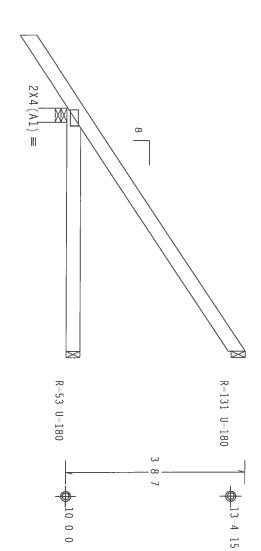
Wind reactions based on MWFRS pressures

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 within 4.50 ft from roof edge, CAT II, EXP B, wind wind BC DL=5.0 psf. TC DL=5.0 located psf,

purlins to brace

Provide (Provide (In lieu of structural panels or rigid ceiling use @ 24°0C, BC @ 24°0C. 2) 16d common nails (0.162"x3.5"), toe nailed at Top chord. 2) 16d common nails (0.162"x3.5"), toe nailed at Bot chord.



10-0-0

1 6 0 → R-339 U-180 W-3.5" -5-0-0 Over ယ Supports

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

The War

FL/=/4/=

/-/R/-

Scale = .5"/ft.

R487--

18810

PSF

10.0 PSF 20.0

DATE REF

10/12/06

10.0 PSF 0.0

DRW HCUSR487 06285065

PSF

HC-ENG

TCE/AF

PSF

SEQN-

130770

PLT

TYP.

Wave

WARN.NG IRUSSES REQUIRE EXTREME CARE IN FABRICATION. MANDLING. SHIPPING. INSTALLING AND BRACING. RETER TO BEST 1 03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLAIE INSTITUTE, 583 D'OHOFRIO BA. SUITE ZOD. MADISON, HI 53719) AND MICA (MODO TRUSS COUNCIL OF MERICA, 6300 ENTERPRISE LIN, HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNITES OTHERWISE INDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. 7.24

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEFIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE RUSS IN COMPROMANCE AITH FIT:

RUSS IN COMPROMANCE AITH HET:

OESCHO CONTROMS WITH APPLICABLE PROVISIONS OF 1005 (MATIONAL DESIGN SPEC, BY AFAPA) AND FPI.

CONTROL CONTROMS WITH APPLICABLE PROVISIONS OF 1005 (MATIONAL DESIGN SPEC, BY AFAPA) AND FPI.

CONTROL ON THE SECOND OF 20/18/16/CA (M.H/S/) ASTH AGS GRADE 40/50 (M. K/H.S) GAV. STEEL.

APPLY

PLATES TO EACH FACE OF TRUSS AND. UNICES OTHERWISE LOCATED ON 1115 DESIGN. POSITION PER DRAWHOS 160A 2.

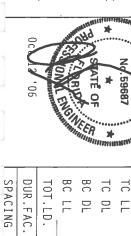
ANY HISPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANHEY AS OF FPI 2002 SEC 3.

ASSEA. ON THIS

DRAWHING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. COMPONENT FOR ANY BUILDING 3HI S1 RESPONSIBILITY OF

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

ALPINE



24.0" 1.25 40.0

JREF

(6-347-Will Myers Morris -- , ** - J3)
Top chord 2x4 SP #2 Dense

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

Wind reactions based on MWFRS pressures.

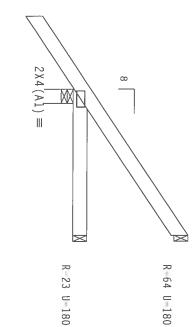
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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

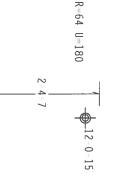
TOWNS CONTROL THE OF TENDERS IN THE PROPERTY OF THE PROPERTY O

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.



10-0-0



R=268 U=180 W=3.5"

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

PLT TYP.

Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, MANDLING, SUPPORT, THE ACAPIT LOVELY 1. C.

WARNING* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, MANDLING, SUPPORT, INSTALLING AND BRACKING.

**REFER TO RES! 1 OR (RULLDING COMPORTED SAFETY INFORMATION), PUBLISHED BY IT! (RRUSS PLAIE INSTITUTE, 583

**D. D. ONDERIO RES. SUITE ZOD. MADISON, M. 152719), AND MICA. MODO TRUSS COUNCIL OF MERICA. 6300 ENTERMESTE IN.

**HADISON, M. 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMENT INCST UNCLIDES. UNITESS OTHERMESTE INDICATED.

**IOP CHORD SHALL MAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL MAVE A PROPERLY ATTACHED

**RICH TO THE ACAPIT CONTROLLED STRUCTURAL PARELS AND BOTTOM CHORD SHALL MAVE A PROPERLY ATTACHED

ROBERT

PARRITING*

PARRITING

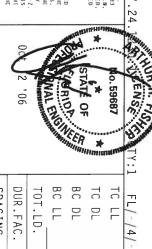
***P

IMPORTANTTURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE PRODUCTS, INC. SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE FRUSS IN COMPORMAGE HIM APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY ATAPA) AND TPL.

CONNECTION PALETS ARE MOS OF 20/19/15/GA (H.11/5/Y) ASIM ASS) GRADE 40/50 (M. K/H/S) GAVE. STEEL. APPLY
PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERHISE LOCATED ON HIS DESIGN, POSITION PER BRANHING SIGN. APPLY
PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERHISE LOCATED ON HIS DESIGN. POSITION FROM BRANHING SIGN. APPLY
SHAPHED TO PROVIDE THE STOLLOMED BY (1) SHALL BE FER AMBEX AS OF TPI 10002 SEC. 3. A SEA. ON THIS
SHANHING INDICATES ACCEPTANCE OF PROFESSIONAL ENGLINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT
DESIGN SHOWN. THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

Alpine Engineered Products, Inc. 1950 Marley Drive Hames City, FL 33844 FI Crifficate of Authoritation #567

ALPINE



/-/R/-20.0 | 10.0 |

PSF PSF

REF

10/12/06

Scale =.5"/Ft.

R487--

18811

10.0 PSF

DRW HCUSR487 06285093

Ĺ			
SPACING	DUR.FAC.	TOT.LD.	BC LL
24.0"	1.25	40.0 PSF	0.0 PSF
JREF 1T1E487_Z01		SEQN- 130762	HC-ENG TCE/AF

₽op Bot Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\mathrm{cm}$ Wind reactions based on MWFRS pressures. chord 2x4 347 Will Myers Morris SP #2 Dense Dense 00 59 U-180 10-0-0 10 8 15 Provide (Provide (In lieu of structural panels or rigid ceiling use @ 24" OC, BC @ 24" OC. 110 mph wind, 15.00 ft mean hgt, anywhere in roof, CAT II, EXP B, 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. ASCE wind 7-02, CLOSED bldg, L TC DL-5.0 psf, wind purlins Located BC DL-5.0 to brace IC



 $2X4(A1) \equiv$

R 14 U 180

Design Crit: R-261 U-180 W-3.5"

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

PLT

TYP.

Wave

IMPORTANTFURNISH A COPY OF THIS DESIGN 10 THE INSTALLATION CONTRACTOR.

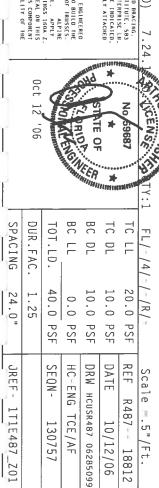
ALPINE ENGLHEERED PRODUCTS, INC. SHALL NOT DE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN. ANY FALURE TO BUILD THE RESDUCTS, INC. SHALL NOT DE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN. ANY FALURE TO BUILD THE RUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF DADS (MATIONAL DESIGN SPCC. BY AREAN) AND IPI. APPLY CONNECTOR PLATES ARE ANDE OF 20/18/16/36 (A.H./15/24) ASTH A653 GRADE 40/50 (H. K/H.S.) GALV. STEEL. APPLY PLATES TO LAGHE OF TRUSS AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAWHOS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEE A OF TRIL 2002 SEC. 3. A SEAL ON THIS DRAWHOG INDICATES ACCEPTANCE OF PROFESSIONAL REGIONMER AND STEEL THE SECONDORM THE RESPONSIBILITY OF THE **MARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION. MANDELING. SHIPPING, INSTALLING AND BRACING.
REFER TO BCSI 1 03 (BUILDING COMPONENT SAFETY IN GRANICH), PUBLISHED BY FPI (TRUSS PLATE INSTITUTE, 583)
0 "OUDFRIO BR. SUITE ZOO. MADISON. HI 53719) AND MICA (MODO BRUSS COUNCEL OF AMERICA, 6300 ENTERPRISE LH.
MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORNING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED.
TOP CHARD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED
RIGHD CEILLING.

Alpine Engineered Products, Inc. 1950 Marley Drive
Haines City, FL 33844
Ft Critificate of Authorization # 547

DESIGN SHOWN. THE SUITABILITY AND USE OF THIS BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE



p chord 2x4 SP #2 E t chord 2x4 SP #2 E Webs 2x4 SP #3 347 Will Myers Morris EJA

Dense Dense

Bot

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. bldg, not TC DL=5.0 located psf,

THE THE CONTRACT CONTRACT CONTRACT OF THE CONTRACT CONTRA

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

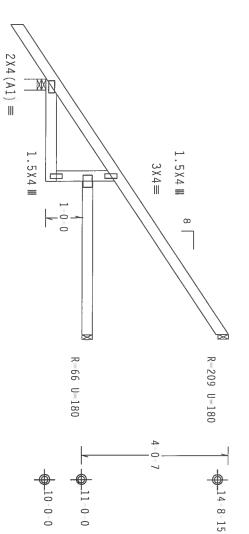
brace TC

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

Provide Provide

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

Calculated horizontal deflection is 0.12" due to live load and 0.18" due to dead load.



ப 0

L1-6-0 **V**

-417 U=180 W-3.5" 9 -7-0-0 Over ά ω Supports 4-2-8

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

TYP.

Wave

MARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING. INSTALLING AND BRACING. RETER TO BEST I 03 (BUILDING CORPORANT IN) FARETY INFORMATION). PUBLISHED BY TPI (RRUSS PLATE INSTITUTE. 583 D'UNOTRIO BA. SUITE 200. HADISON, HI 53719) AND MICA (MODO DIRUSS COUNCIL OT AMERICA, 6300 ENTERPRISE IN, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS DIMERMISE INDICATED. TOP CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILLING.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

AND TAKE THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN:

ANY FAILURE TO BUILD THE

RUSS IN COMPONANCE AITH FET;

BUSINES IN COMPONANCE AITH FET;

COSIGN CONTRONS WITH APPLICABLE PROPYSIONS OF THIS (MAITONAL DESIGN SPEC, BY ATRA) AND THI.

CONTROCTOR PLAITS ARE MADE OF 20/10/16GA (H.1/5/2) ASTH ASS JEANCE 40/50 (H. K/H.S) GALV SIEL.

APPLY

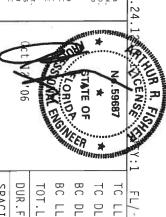
FLAITS TO CACH FACE OF TRUSS AND. HINLESS OTHERWISE LOCATED BY HIS DESIGN, POSITION FER DRAWHES 16GA Z.

ANY HISPECTION OF PLAITS FOLLOWED BY (1) SHALL BE PER AIMER AS OF THIS 2002 SEC.3.

ASSEA ON THIS SUITABLE OF THE STANDARD OF THE STANDARD SECOND SECOND OF THE STANDARD SECOND OF THE STANDARD SECOND OF THE STANDARD SECOND SECOND SECOND OF THE STANDARD SECOND SECOND SECOND OF THE STANDARD SECOND SECOND OF THE STANDARD SECOND SECOND SECOND OF THE STANDARD SECOND SECOND OF THE STANDARD SECOND SECOND OF THE STANDARD SECOND SECOND SECOND SECOND OF THE STANDARD SECOND S

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

ALPINE



		•	ACIA N	EER	` ≯	IN THE
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
JREF1T1E487_Z01		SEQN- 130898	HC-ENG TCE/AF	DRW HCUSR487 06285112	DATE 10/12/06	REF R487 18813

Scale =.

375"/Ft.

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

Wind reactions based on MWFRS pressures.

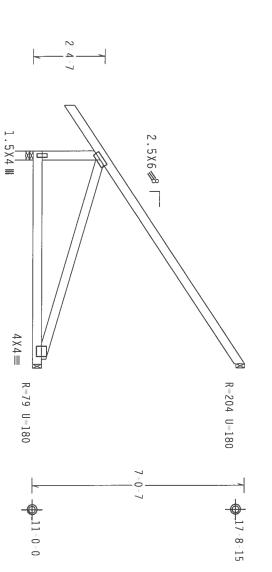
Left end vertical exposed to wind pressure. Deflection meets $L/240\,$ criteria for brittle and flexible wall coverings.

Provide Provide 22 16d common nails (0.162 "x 3.5 "), toe nailed at Top chord. 16d common nails (0.162 "x 3.5 "), toe nailed at Bot chord.

110 mph wind, 15.20 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 @ 24" OC, BC @ 24" OC. purlins to brace

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



V1 6 0 <u>←</u>7-0-0 0ver 3 Supports

R-408 U=180 W=3.5"

Design Crit:

PLT

TYP.

Wave

MARNING HOUSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING. SHIPPING, INSTALLING AND BRACING.
REFER TO BESI I DO CHOLIDING COMPONENT SAFLY INFORMATION), PUBLISHED BY FP (TRUSS PLATE INSTITUTE, 583 D'UNDERIO DR., SUITE ZOO, HADISON, HI SAJIS) AND WICEA (MODO TRUSS COUNCIL OF AMERICA, STOO ENTERPAISE UN, MADISON, HI SAJIS) FOR SAFLY PRACILEES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERNISE HOUSANED, TOP CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING. TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0)

***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 TAILUNE TO BUILD THE
PROSEST IN CONFORMACE ATTH THE TELL

BUSIGN CONFORMS WITH APPLICABLE FROW ISLONG OF 1005 (INTIONAL DESIGNS SPEC, BY ATRA) AND THE
CONNECTION FALTES ARE MADE OF 20/18/16GA (M.1/5/5/) ASTH ASS JEADE 40/50 (M. K/H.S) GALV. STEEL.

APPLY
PLATES TO EACH FACE OF TRUSS, AND. JUNESS OTHERNISE LOCATED ON THIS DESIGN, POSITION FER DRAWHINGS 160A Z

ANY INSPECTION OF PLATES TOLLOWED BY (1) SHALL BE FER AMIREX AS OF THIS 2002 SEC. 3.

AS AS ALO BELLE OF SOME OF THE SUBJECT OF PROFESSIONAL ENGLIFERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT
DESIGN SHOWN.

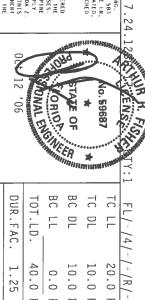
THE SULFABLETY OF THE SULFABLE OF PROFESSIONAL ENGLIFERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT
DESIGN SHOWN.

THE SULFABLETY OF THE SULFABLE OF PROFESSIONAL ENGLIFERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT
DESIGN SHOWN.

THE SULFABLE OF PROFESSIONAL ENGLIFERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT
DESIGN SHOWN.

Alpine Engineered Products, Inc. 1950 Marley Drive Hames City, FL 3384

ALPINE



0F 887		20.0 PSF 10.0 PSF	DATE 10/12/06
OF ER	BC DL	10.0 PSF	DRW HCUSR487 06285122
O NEW	BC LL	0.0 PSF	HC-ENG TCE/AF
I El Common	TOT.LD.	40.0 PSF	SEQN- 130795
6	DUR.FAC.	1.25	
	SPACING	24.0"	JREF- 1T1E487 Z01

122

Scale = .3125"/Ft.

PLT Top chord 2x4 SP #2
Bot chord 2x4 SP #2
Webs 2x4 SP #3 Left end vertical exposed to wind pressure. Deflection meets $L/240\,$ criteria for brittle and flexible wall coverings. Wind reactions based on MWFRS pressures Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844 -347--Will Myers Morris TYP. ALPINE Wave Dense Dense **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 RUSSES IN CONTRACTOR.

BESIGN CONTRACT HIS PLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY AREA), AND IPP.

CONNECTOR PLATES ARE AND OF 20/18/16/AC (M. 19/5/Y), ASTA MASS GRADE 40/60 (M. K/M.S) GALV. STEEL. APPLY

PLATES TO EACH FACE OF TRUSS AND. UNILESS OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DRAHIMS 160A-Z.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AIMER AS OF 1PT1 200Z SEC.3.

A SEAL ON THIS

BRAHMG INDICATES ACCEPTANCE OF ROPICESSIONAL ENGINEER HIRER AS OF 1PT1 200Z SEC.3.

A SEAL ON THIS

BRAHMG INDICATES ACCEPTANCE OF ROPICESSIONAL ENGINEER HIRER AS OF 1PT1 200Z SEC.3.

A SEAL ON THIS

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BRAHMG INDICATES ACCEPTANCE OF ROPICESSIONAL ENGINEER AS OF 1PT1 200Z SEC.3.

A SEAL ON THE THIS SECURITY OF THE DESIGN SHOWN. THE SUITABILITY AND USE OF THIS BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. **WARNING** IRUSSES RIQUIRE EXTREME CARE IN FABRICATION. MANDLING. SHIPPING, INSTALLING AND BRACING.
RETER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE HIMSS PLATE INSTITUTE, 583
O'MODERIO DR. SE SUITE ZOO. ANDISON, H. 153719) AND HICA (MODO TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LI.
HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PREFORMING THESE FUNCTIONS. UNLESS OTHERWISE INFORMED SHALE HAVE A PROPERTY ATTACHED RIGID CEILING L1-6-0 L1-7-12 L1-6-0 L R = 1581.5X4 3X4/ EJC2 U=180 W=3.5" R=70 PLF U=89 PLF W=2-8-8 Design Crit: -7-0-0 Over 5 3-0-0 3 \ 4 == 3 X 4 ≡ 3×4/ XX 1-0 TPI=2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) Supports — 0 4-0-0 3-10-4-3 \ 4 == R=109 U=180 11-0-0 110 mph wind, 15.20 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. Deflection meets L/240 live and L/180 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. Provide (2) 0.162x3.5" 16d Common toe nails at Top Chord. Provide (2) 0.162x3.5" 16d Common toe nails at Bottom Chord. 0 AUR R. FIG 0. 59687 IRIOP. 90' POF * BC LL BC DL TC DL SPACING DUR.FAC. TC LL TOT.LD. FL/-/4/-/-/R/-24.0" 40.0 20.0 10.0 PSF 10.0 PSF 0.0 B, wind TC PSF PSF PSF JREF -DATE REF SEQN-HC-ENG DRW HCUSR487 06285070 Scale = .3125"/Ft. R487--1T1E487_Z01 TCE / AF 130812 10/12/06 18815 Ö

SPECIAL LOADS chord 2x4 t chord 2x4 Webs 2x4 From From From From (LUMBER 64 PLF at 494 PLF at 5 PLF 20 PLF 20 PLF SP SP DUR.FAC.=1.25 , PLF at J 6 Dense Dense 0.00 3.00 -1.50 -1.50 to to to to PLATE TE DUR.FAC.
64 PLF at
386 PLF at
5 PLF at
20 PLF at
20 PLF at .=1.25) t 0.00 t 7.00 t 7.00 3.00 7.00

Wind reactions based on MWFRS pressures.

358 LB

Conc.

Load

a C

0.29

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

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

Laterally brace BC at 24" OC in lieu of rigid ceiling Laterally brace BC above filler at 24" OC including a lateral brace at chord ends.

The Building Designer shall evaluate and approve load magnitudes and locations as shown under "SPECIAL LOADS" [russ Engineer & Fabricator are not responsible for oad magnitudes and locations.

COMPLETE RUSSES REQUIRED

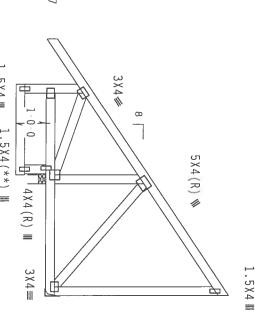
Top Chord: 1 Row Bot Chord: 1 Row Nailing Schedule: (12d_Common_(0.148"x3.25",_min.)_nails) @ 6.50" o.c. @12.00" o.c.

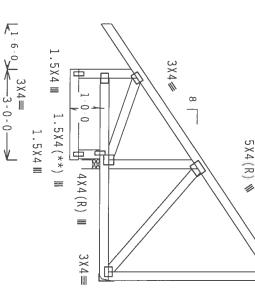
Webs : 1 Row @ 4" o.c. Use equal spacing between rows and in each row to avoid splitting. stagger nails

(**) 1 plate(s) require special positioning. Refer plot details for special positioning requirements. to scaled plate

110 mph wind, 15.20 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

Right end vertical not exposed to wind pressure





_12-0-0

3 8 / -7-0-0 Over 2 2-8-8 Supports 4-0-0

410 W=3.5"

R=-47 U=180

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

PLT

TYP.

Wave

WARNING IRUSSES REQUIRE EXTREME CARE IN FABRICATION, INAIDELING, SHIPPING, INSTALLING AND BRACING, RETER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY 1PH (TRUSS PLAIE INSTITUTE, 583 D'ONOFRIO DA. SULHE ZOO, HADISON, HI 53719) AND HICA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LI, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HIESE FUNCTIONS. UNLESS OTHERMISE INDICATED, TOP FUNCTIONS SHALL HAVE A PROPERLY ATTACHED RIGID CEILING

IMPORTANTTURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEPVALION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN COMPORANCE WITH PIT:

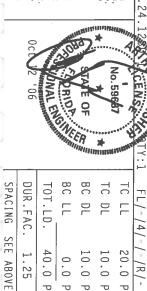
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Alpine Engineered Products, Inc. 1950 Marley Drive Hames City, FL 33844 FI Certificate of Authorization # 547

ALPINE



10.0 PSF 10.0 PSF

DRW HCUSR487 06285123

TCE/AF

PSF

Scale =.3125"/Ft. R487--

DATE REF

10/12/06

18816

40

PSF PSF

SEQN-HC-ENG

131331

JREF -

1T1E487_Z01

0.0 . 0

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

Wind reactions based on MWFRS pressures

Left end vertical not exposed to wind pressure

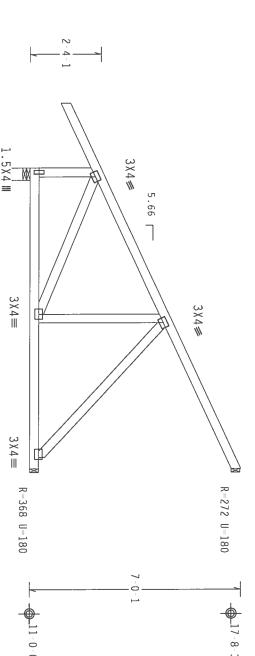
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\mathrm{cm}$

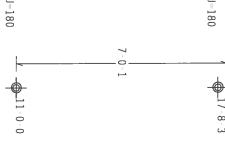
110 mph wind, 15.17 ft mean hgt, ASCE anywhere in roof, CAT II, EXP B, wind psf. 7-02, CLOSED bldg, Located TC DL=5.0 psf, wind BC DL=5.0

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

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

Provide (2) 16d common nails $(0.162^nx3.5^n)$, toe nailed Provide (3) 16d common nails $(0.162^nx3.5^n)$, toe nailed at Top chord. at Bot chord.





←2-1-7→ =465 U=180 W=4.95" 9-10-13 Over 3 Supports

TYP. Wave

MARNING RRUSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING. INSTALLING AND BRACING REFER TO BESI 1: 03 (BUILDING COMPONENT SAFETY HIMORANION). PUBLISHED BY TPI (TRUSS PLATE INSTITUTE. 583 0: 0:000FRIO BR., SUITE 200. ANDISON, HI 53719) AND NEAL AND SON ENERGY, 6300 ENTERPRISE LIM, HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, 100 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 STRUCTURAL PARELS AND BOTTOM 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 STRUCTURAL PARELS AND BOTTOM 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 STRUCTURAL PARELS AND BOTTOM 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 STRUCTURAL PARELS AND BOTTOM 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 STRUCTURAL PARELS AND BOTTOM 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 STRUCTURAL PARELS AND BOTTOM 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 STRUCTURAL PARELS AND BOTTOM 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 STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS TPI-2002(STD)/FBC Cg/RT=1.00(1.25)/

Design Crit:

/10(0)

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE RESSON CONFIDENCE THE PET.

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DESIGN CONFIDENCE THE PET.

CONFICEROR FACES ARE ASSOCIO 7 20/18/16/GA (M.H/S.Y.) ASTH MASS GRADE 40/50 (M.K.M.S.) GALV. STEEL. APPLY THATES TO EACH FACE OF TRUSS, AND. DUBLES OTHERWISE LOCATED ON HIS DESIGN, POSITION FOR BRANTHES 160A Z.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER AIMER AS OF FPIT-2002 SEC. 3.

AS SEA ON HIS BUILDING SCIENTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE RUSS COMPONENT DESIGN SHOWN.

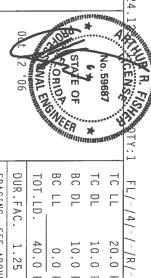
HE SUITABLELLY AND LIFE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE RUSS COMPONENT DESIGN SHOWN.

HE SUITABLELLY AND LIFE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE RUSS COMPONENT DESIGN SHOWN.

HE SUITABLELLY AND LIFE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE RESPONSIBILITY OF THE

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

ALPINE



CENS, 70 OTY:1	FL/-/4/-/-/R/-	/-/R/-	Scale = .3125"/Ft.
F0697	TC LL	20.0 PSF	REF R487 18817
**************************************	TC DL	10.0 PSF	10/12/06
TATE OF SEMAN	BC DL	10.0 PSF	DRW HCUSR487 06285083
ORION	BC LL	0.0 PSF	HC-ENG TCE/AF
TOT	TOT.LD.	40.0 PSF	SEQN- 130815
2 '06	DUR.FAC. 1.25	1.25	
	SPACING SEE ABOVE	EE ABOVE	JREF 1T1E487_Z01

6-347-Will Myers Morris J5C)

Bot Bot p chord 2x4 SP #2 I t chord 2x4 SP #2 I Webs 2x4 SP #3 Dense Dense

Wind reactions based on MWFRS pressures

Left end criteria vertical exposed to wind pressure. Deflection meets L/240 for brittle and flexible wall coverings.

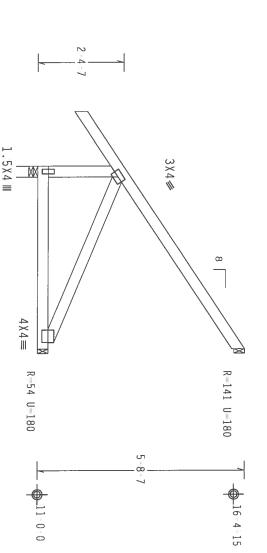
Provide Provide 16d common nails (0.162"x3.5"), toe nailed at Top chord. 16d common nails (0.162"x3.5"), toe nailed at Bot chord.

> $110~\mbox{mph}$ wind, $15.00~\mbox{ft}$ mean hgt, ASCE 7 02, CLOSED within 4.50 ft from roof edge, CAT II, EXP B, wind wind BC DL=5.0 psf. TC DL=5.0 located psf,

the control of the co

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

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



R=329 U=180 W=3.5" ←5-0-0 Over 3 Supports →

PLT TYP. Wave

MARNING IRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING. INSTALLING AND BRACING.
REFER TO BEST I 03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE. 803
D'ONDERIO DR. SUITE 200. AND SOM. M. IS 53719) AND MICA (MODO TRUSS COUNCIL FOR MAREA, 6300 ENTERPRISE IN.
HADISON, MI 53719) FOR SAFETY PRACTICES PRIDE TO PERFORMING THESE FUNCTIONS. UNLESS OTHERNISE INDICATED.
TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED
RIGID CEILING. TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

Design Crit:

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

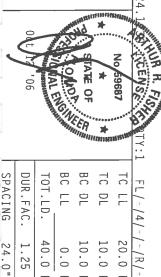
ALPINE ENGLHERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH HE!

OF TABLECTION, UNITED AND THE SHALL BE REPOYLED SO THE TABLECTION. HANDLING, SHIPPING, ANY FAILURE ABOATEM OF RRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF ANDS (MATIONAL DESIGN SPEC, BY ATERA) AND IP!

CONNECTOR PLATES ARE HADE OF 20/18/166A (H.M./SY), ASTH AGS3 GRADE 40/60 (M. K/M.S) GALV STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNICESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAHINGS 160A A. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE FER ANHEX A OF THIS SOLELY FOR THE TRUSS COMPONENT OF THE SHALL BE THE THAT OF THE TRUSS COMPONENT OF THE SHALL BE THE THAT OF THE TRUSS COMPONENT OF THE SHALL BE THE THAT OF THE TRUSS COMPONENT OF THE SHALL BE THE THAT OF THE TRUSS COMPONENT OF THE SHALL BE THE THAT OF THE TRUSS COMPONENT OF THE SHALL BE THE THAT OF THE TRUSS COMPONENT OF THE THAT OF THE THAT OF THE TRUSS COMPONENT OF THE SHALL BE THE THAT OF THE TRUSS COMPONENT OF THE THAT OF THE THAT OF THE TRUSS COMPONENT OF THE THAT OF THE THAT OF THE TRUSS COMPONENT OF THE THAT OF THE THAT OF THE TRUSS COMPONENT OF THE THAT OF THE THAT OF THE TRUSS COMPONENT OF THE THAT OF THE THAT OF THE TRUSS COMPONENT OF THE TRUSS OF THE TRUSS OF THE TRUSS OF THE TRU DESIGN SHOWN. THE SUITABILITY AND USE OF THIS BUILDING DESIGNER PER ANSI/IPI 1 SEC. 2.

Alpine Engineered Products, Inc. 1950 Marley Drive Hames City, FL 33844 FI Cratificate of Authorization # 547

ALPINE



SPACING DUR . FAC. TOT.LD. 40.0 24.0" 10.0 PSF 20.0 PSF 10.0 PSF 0.0 PSF PSF JREF-DATE REF SEQN-HC-ENG DRW HCUSR487 06285085 R487--1T1E487_Z01 TCE/AF 10/12/06 130789 18818

Scale == .375"/Ft.

6-347--Will Myers Morris J3C)

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

Wind reactions based on MWFRS pressures.

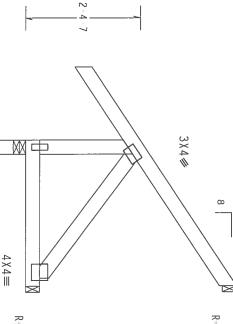
Left end vertical exposed to wind pressure. Deflection meets $L/240\,$ criteria for brittle and flexible wall coverings.

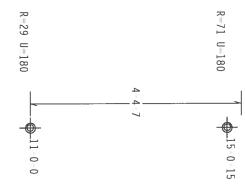
Provide Provide 16d common nails (0.162"x3.5"), toe nailed at Top chord 16d common nails (0.162"x3.5"), toe nailed at Bot chord

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

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

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





R-255 U-180 W-3.5" 3-0-0 Over 3 Supports

.5X4

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

/10(0)

TYP.

Wave

RIGIO CEILING.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE RESULT OF THE PRODUCTS. THE STATE OF THE PRODUCTS IN CONTROLLED THE PLICABLE PROVISIONS OF THIS CALIFORM SPEC, BY ATRAD AND TP:

CONNECTOR PALETS ARE AND OF POLICES OF THIS CONTROLLED THIS DESIGN SPEC, BY ATRAD AND TP:

PLATES TO EACH FACE OF TRUSS AND. DUBLESS OTHERWISE (COLDED ON THIS DESIGN, POSITION PER DRAWHINGS 160A Z.

ANY HISPECTION OF PLATES TOLLOWED BY (1) SHALL BE PER ATREX AS OF TPIL 2002 SEC. J.

ASSAULD SHOWN.

DESIGN SHOWN.

THE SUILABLITY AND DES OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

BUILDING DESIGNER PER ANSI/IPI I SEC. Z.

Alpine Engineered Products, Inc. 1950 Marley Drive Hannes City, FL 33844 Et Catificate of Ambourgation # 5677

ALPINE



24.0" 1.25 40.0 PSF

JREF-

1T1E487_Z01

SEQN

130783

HC-ENG

TCE/AF

DRW HCUSR487 06285088

20.0 PSF

Scale = .5"/Ft. R487--

10.0 PSF 10.0 PSF 0.0 PSF

> DATE REF

10/12/06

18819

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

Wind reactions based on MWFRS pressures.

Left end vertical exposed to wind pressure. Deflection meets $\ensuremath{\mathsf{L}}/240$ criteria for brittle and flexible wall coverings.

) lieu of structural panels or rigid ceiling use purlins to brace TC $24\mbox{"}$ OC, BC @ $24\mbox{"}$ OC.

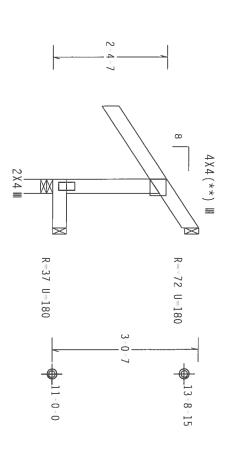
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord

plot 1 plate(s) require special positioning. Refer details for special positioning requirements. to scaled plate

pst. 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

due to dead load. Calculated horizontal deflection is 0.22" due to live load and 0.08

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





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

PLT

TYP.

Wave

***WARNING** PRISSES RECHIER ETREPHE CARE IN FARRICACTION, MANDIEMS, SUPPRIG, INSTALLING AND BRACHE.
REFER TO BEST I DI GRULLINGE COMPORUM SAFETY HORDBALTON, PUBLISHED BY FFI (TRUSS FALTE HISTITUTE, 583
D'ONDFRE TO BEST I DI GRULLINGE COMPORUM SAFETY HORDBALTON, PUBLISHED BY FFI (TRUSS FALTE HISTITUTE, 583
D'ONDFRE OBE, SUILE ZOO, MAISON, MI 53799) AND NEG ALPORANIGH HESS COUNCEL OF AMERICA, 6300 ENTERPRISE LIN
HADISON, MI 53799) FOR SAFETY PRACTICES PRIOR I DO FREFORNIGH HESS TUNCTIONS, UNITESS CHIERA'SE INDICATED,
TOP CHORD SHALL HAVE PROPERLY ATACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATACHED RIGID CEILING.

IMPORTANTTURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE CONTRACTOR.

RODUCTS, INC. SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN:

ROUSES HO CONTRANCE WITH HP:

ROUSES HO CONTRANSE WITH APPLICABLE PROVISIONS OF HOS (MATIONAL DESIGN SPEC, BY AFRA) AND TP!.

CONTROLTOR PLATES ARE MADE OF 20/18/16/AC, ANIH/SYA) ASHI MASS GRANE 40/50 (M. KYH.S) GALV. STEEL.

APPLY

PLATES TO EACH FACE OF TRUSS AND. DUBLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWHINGS 160A A.

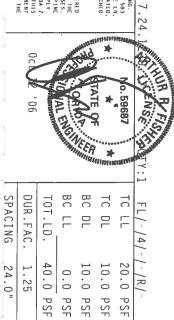
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANIKEX A) OF TP! TOOS SEC. 3.

ASEA ON THIS DESIGN SOCKED AND SEC OF POPERSSIONAL ENGINEERING RESPONSIBILITY SOCIETY FOR THE TRUSS COMPONENT DESIGN SHOWN.

THE SULFABLITY AND MSE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

Alpine Engineered Products, Inc. 1950 Marley Drive
Haines City, FL 33844
FT Crifficate of Authoritation # 567

ALPINE



DATE

10/12/06

REF

18820

Scale = .5"/Ft. R487---

PSF

SEQN-

130775

HC-ENG

TCE/AF

DRW HCUSR487 06285107

JREF-

1T1E487_Z01

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

Wind reactions based on MWFRS pressures

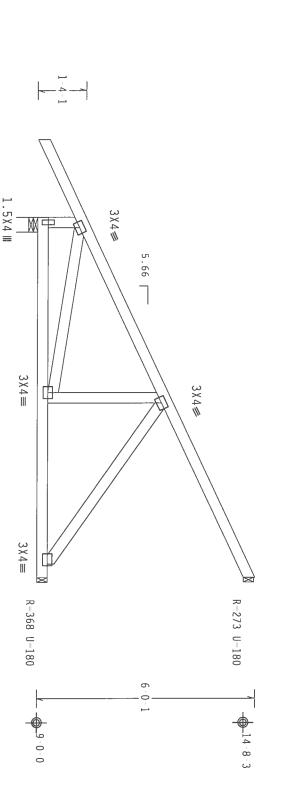
Hipjack supports 7-0-0 setback jacks with no webs.

Provide Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord. (3) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

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

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





RIGID CEILING. TPI 2002(STD)/FBC Cq/RT=1.00(1.25)/ /10(0)

Design Crit:

AUR A. CENSE

FL/-/4/-

/-/R/-

Scale = .375"/Ft.

18821

PLT

TYP.

Wave

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE PRODUCTS. INC. SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE ROBOTH THIS DESIGN. THE STATE OF THIS PRODUCTS. INC. SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION AND THIS DESIGN SPEC. BY ATRAD AND TPI.

DESIGN CONFIDENCY HIT APPLICABLE PROVISIONS OF HIDS (MATIONAL DESIGN SPEC. BY ATRAD AND TPI.

DESIGN THE SET ARE AND COT POLICIAGO AN HIJSYD ASTH AGES GRADE 40/50 (H. K/H-S) GAV. STEEL. APPLY

PLATES TO EACH FACE OF TRUSS. AND. HULESS OTHERWISE LOCATED ON HIS DESIGN, POSITION PER BRANHOS 160A Z.

ANY HISPECTION OF PLATES TOLLOWED BY (1) SHALL BE PER ANIETZ A) OF TPI1-2002 SEC.3.

ASS.A. ON HISPECTION OF PLATES TOLLOWED BY (1) SHALL BE PER ANIETZ A) OF TPI1-2002 SEC.3.

ASS.A. ON HISPECTION OF PLATES TOLLOWED BY (1) SHALL BE PER ANIETZ A) OF TPI1-2002 SEC.3.

ASS.A. ON HISPECTION OF PLATES TOLLOWED BY (1) SHALL BE PER ANIETZ A) OF TPI1-2002 SEC.3.

ASS.A. ON HISPECTION OF PLATES TO ROBOTH THE STATE OF THE TRUSS COMPONENT DESIGN SHOWN.

THE SUITABLE LITTY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNED PER ANSI/IPI 1 SEC. 2.

TATE OF CORIOR 6.59687 × BC LL BC DL TC DL SPACING DUR.FAC. TC LL TOT.LD. SEE ABOVE 40.0 1.25 10.0 PSF 10.0 PSF 20.0 PSF 0.0 PSF PSF JREF -DATE REF SEQN-DRW HCUSR487 06285073 HC-ENG R487--1T1E487_Z01 TCE/AF 130867 10/12/06

Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844 FI Critificate of Authorization # 547 ALPINE

l op Bot 6 p chord 2x4 SP #2 I t chord 2x4 SP #2 I Webs 2x4 SP #3 Dense Dense

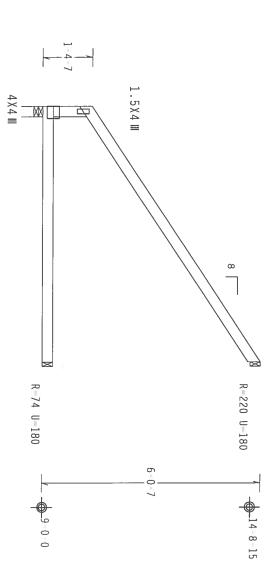
Wind reactions based on MWFRS pressures

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 within 4.50 ft from roof edge, CAT II, EXP B, wind wind BC DL=5.0 psf. bidg, not TC DL=5.0 located psf,

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

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



R=294 U=180 W=3.5" 7-0-0 Over W Supports

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

TYP.

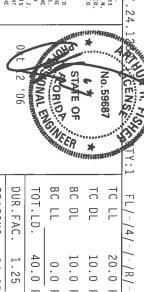
Wave

RIGID CEILING.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE OF DELIGHEERED PRODUCTS, INC. SMALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE RUSS IN CONFIDENCIALE THE PI: OF FABRICATION, HANDLING, SHIPPING, INSTALLING & BRACHEO THEOSES, DESIGN CONFIDENCIAL DESIGN SOFT OF THE PI CONFIDENCIAL DESIGN SOFT OF THE SOFT OF THE PI CONFIDENCIAL DESIGN SOFT OF THE PROFESSIONAL ENGLISHED THE RESPONSIBILITY OF THE BUSINGS COMPONENT DESIGN SIDOM. HE SUITABLILITY AND USE OF THIS COMPONENT OF ANY BUILDING IS THE RESPONSIBILITY OF THE

Alpine Engineered Products, Inc. 1950 Marley Drive Hannes City, FL 33844 FT Ortificate of Authorization # 5477

ALPINE



	2 '06	TOT	ORIO	TATE OF RIM	*	lo.59687
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	10 11
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JREF - 1T1E487_Z01		SEQN- 130841	HC-ENG TCE/AF	DRW HCUSR487 06285097	DATE 10/12/06	REF R487 18822

Scale = .375"/Ft.

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

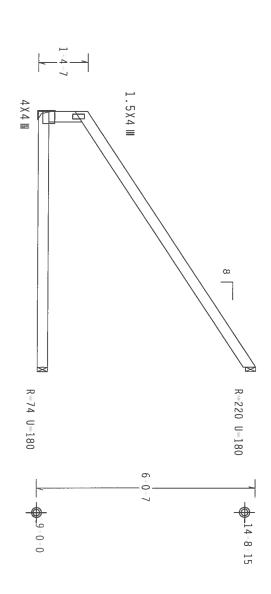
Wind reactions based on MWFRS pressures

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 within 4.50 ft from roof edge, CAT II, EXP B, wind wind BC DL=5.0 psf. bldg, not ITC DL=5.0 located psf,

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

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



R-294 U-180 -7 - 0 - 0 Over ω Supports

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

PLT TYP.

Wave

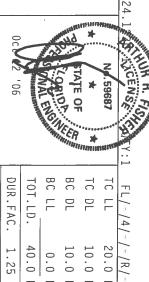
WARNING IRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING. RETER TO BEST LOS (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TBUSS PLAIE INSTITUTE, 583 D'ONOTRIO DR. SUITE ZOO, ANDISON, 4H 53719) AND MICA (MODO BRUSS COUNCIL DO MERICA, 6300 ENTERPRISE LN. HADISON, 4H 53719) FOR SAFETY PRACTICES PRIOB TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED. TOP CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED REGIO CEILING.

IMPORTANTTURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILING TO BUILD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILING TO BUILD THE TRUSS IN COMPOREMENT HITH PI:

OSSIGN CONFORMACE WITH APPLICABLE PROVISIONS OF 1805 (INSTOLUTE, SHIPPING, INSTALLING & BRACING DT). APPINE CONNECTION PAILST AND PHILOSOPHER PROVISIONS OF 1805 (INSTOLUTE, BY ATRAP) AND DT). APPINE CONNECTION PAILST ARE ANGE OF 20/10/10/6A (PLH/SZ) SAID, AND 40/10/6 (P.K.M.S.) GAVE. STEEL, APPLY PAILS TO EACH FACE OF TRUSS AND, UNITES OFFICE STATE OF THIS DESIGN POSITION FROM BRACING OF THE STATE DESIGN SHOWN. THE SUITABILITY AND BUILDING DESIGNER PER ANSI/IPI I SEC. USE OF THIS COMPONENT FOR ANY BUILDING THI SI RESPONSIBILITY OF

Alpine Engineered Products, Inc. 1950 Marley Drive Hannes City, FL 33844 FT Crafficate of Authorization # 567

ALPINE



06.50 Y:1	FL/-/4/-/-/R/-	/-/R/-	Scale = .375"/Ft.
687	TC LL	20.0 PSF	REF R487 18823
	TC DL	10.0 PSF	DATE 10/12/06
S S S S S S S S S S S S S S S S S S S	BC DL	10.0 PSF	DRW HCUSR487 06285096
ENGLAN	BC LL	0.0 PSF	HC-ENG TCE/AF *
Braugon	TOT.LD.	40.0 PSF	SEQN- 130846
	DUR.FAC.	1.25	
	SPACING	24.0"	JREF - 1T1E487 Z01

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP Alpine Engineered Products, Inc. 1950 Marley Drive
Hames City, FL 33844
FI Certificate of Authorization # 567 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Wind reactions based on MWFRS pressures PLT TYP. 9 347 Will Myers Morris ALPINE Wave #2 Dense #2 Dense #3 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE ROUSES IN COMPONANCE WITH IN THE PRODUCT OF T ***HARNING** TRUSSES BLOUTEL EXTREME CARE IN FARRICATION, "MANDLING, SUPPLUE, INSTALLING AND BRACING.
****FARRING*** TRUSSES BLOUTEL EXTREME SAFETY INFORMATION), PUBLISHED BY FPI (TRUSS PLAIE INSTITUTE, 583
D'OHOTRIO DR., SUITE 200, "MADISON, WI 53719) AND WICA (4000 TRUSS COUNCIL OF AMERICA, 6300 ENTERMISE LINITATION, AD300 ENTERMISE TRUST COUNCIL OF AMERICA, 6300 ENTERMISE INDICATED, OF CORDS SHALL HAVE PROFEREY ATTACHED SHOULD SHOULD BE STALLING FOR A PROFEREY ATTACHED AND BOLTOM CORDS SHALL HAVE PROFEREY ATTACHED SHOULD SHOULD SHOULD BE SHALL HAVE PROFEREY ATTACHED SHOULD SHOULD SHALL HAVE PROFEREY ATTACHED SHOULD SHOULD SHOULD SHALL HAVE PROFEREY ATTACHED SHOULD SHOULD SHOULD SHALL HAVE PROFEREY ATTACHED SHOULD SHOULD SHOULD SHOULD SHALL HAVE PROFEREY ATTACHED SHOULD SHO RIGID CEILING. BUILDING DESIGNER PER ANSI/TPI 1 SEC. 1-6-0-> J5D) 3 X 4 Ⅲ 4 X 4 III M R 329 U-180 W=3.5" OF THIS COMPONENT FOR 5-0-0 Over ω 8 Supports BUILDING RESPONSIBILITY OF Provide Provide **®** 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. In lieu of structural panels or rigid ceiling use @ 24° OC, BC @ 24° OC. R-58 U-180 R-136 U-180 2) 16d common nails (0.162"x3.5"), toe nailed at Top chord 2) 16d common nails (0.162"x3.5"), toe nailed at Bot chord ω 9-0-0 _13 4 15 * DUR.FAC. BC LL ВС TC DL TC LL SPACING TOT.LD. FL/-/4/-P 40.0 10.0 20.0 10.0 PSF 24.0" -/R/ 1.25 0.0 purlins bldg, not located TC DL=5.0 psf, PSF PSF PSF PSF JREF to brace TC SEQN-DATE DRW HCUSR487 06285094 HC-ENG Sca æ R487--1T1E487_Z01 =.5"/Ft. TCE/AF 10/12/06 130838 18824

Alpine Engineered Products, Inc. 1950 Marley Drive Hames City, FL 33844
FI Crafficate of Authorization # 567 PLT Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Wind reactions based on MWFRS pressures Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 6 TYP. 347 Will Myers Morris ALPINE Wave **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR ALPHRE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; MAY FAILURE TO BUILD THE RRUSS IN CONTRAMANCE MITH IPT:

OF KABELACHIO, MAY FAILURE, TO BUILD THE RRUSS IN CONTRAMANCE MITH IPT:

OF KABELACHIO, MAY FAILURE, TO BUILD THE RESPONSIBLE FROM SPEC, BY AFLPA) AND IPT:

APPLY PLATES TO EACH FACE OF TRISS AND. UNLESS OTHERNISE LOCALED ON THIS DESIGN, POSITION PER DRAHMIGS 160A AZ. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER MINEX AS OF THI 2002 SEC. 3.

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

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER MINEX AS OF THI 2002 VEC. 3.

AS SEAL ON THIS BRAIMING INDICATES ACCEPTANCE OF PROFESSIONAL MEGINEER MINEX AS OF THI 2002 VEC. 3.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER MINEX AS OF THI 2002 VEC. 3.

AS SEAL ON THIS BRAIMING INDICATES ACCEPTANCE OF PROFESSIONAL MEGINEER MINEX AS OF THIS OCCUPY ON THE BRAIM BY BUILDING IS THE RESPONSIBILITY OF THE **MARNING** PRISSES REQUIRE EXTREME CARE IN FARRICATION, PARROLLING, SHIPPING, HISTALLING AND BRACING. RETER TO BEST, TO 3 (BUILDING COMPORIET SAFETY HORMATION), PUBLISHED BY TPI (RRUSS PLATE INSTITUTE, 583 D'OMOGRIO DR., SUITE 200, MADISON, HI 53719) AND NYCA (MODO BRUSS COUNCIL OF AMERIA, 6300 ESTERPRISE LIM, HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, 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 STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED. DESIGNER PER ANSI/IPI I SEC **★**1 6 0 → J3D) 3 X 4 Ⅲ 3 X 4 Ⅲ Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) D W 255 0 0 Over 3 Supports U-180 W=3.5" œ R-40 U-180 R-60 U-180 Provide (Provide (In lieu of structural panels or rigid @ 24" OC, BC @ 24" OC. 110 mph wind, 15.00 ft mean hgt, anywhere in roof, CAT II, EXP B, psf. ىب **—**12-0-15 9-0-0 22 16d common nails $(0.162^{\circ}x3.5^{\circ})$, toe nailed at Top chord 16d common nails $(0.162^{\circ}x3.5^{\circ})$, toe nailed at Bot chord PERNSE 1.59687 ATE OF * ASCE wind BC LL BC DL TC DL DUR.FAC. TC LL TOT.LD. FL/-/4/-/-/R/ceiling use purlins 7-02, CLOSED bldg, Located TC DL-5.0 psf, wind BC DL-5.0 40.0 10.0 20.0 1.25 10.0 PSF 0.0 PSF PSF PSF PSF JREFto brace TC DATE REF SEQN-DRW HCUSR487 06285077 HC-ENG Scal le =.5"/Ft. R487--1T1E487_Z01 TCE/AF 10/12/06 130835 18825

SPACING

24.0"

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

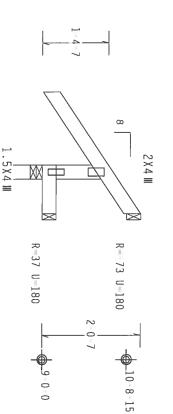
Wind reactions based on MWFRS pressures

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

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



1-0-0 Over 3 Supports
R=223 U=180 W=3.5"

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

PLT

TYP.

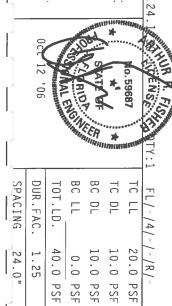
Wave

WARNING IRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING.
RETER TO BESS! I 03 (BUILDING COMPONENT SAFETY HIPOBANION), PUBLISHED BY IPI (TRUSS PLATE INSTITUTE, 583
D-MORTHO DB. SUIT CAO, HADISON, HI 53719) AND HICA (MODO TRUSS COMUREL OF AMERICA, 6300 ENTERPRISE IL,
HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORHING THESE CHURCHONS. UNLESS OTHERHISE HIDICATED.
TOP CURRD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED
REGED CEILING.

IMPORTANTFURNISH A COPY OF THIS DESIGN 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 ROUSES IN COMPORANCE WITH THE THE FOR TABRICALING, AND THIS, SHIPPING, INSTALLING & BRACKE TO FRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MIDS (MATIONAL DESIGN SPEC, BY AREA) AND TPI. ALFINE CONNECTION PLATES ARE AND COT 20/18/16/CA (M.1/5/24) ASTH AGS GRADE 40/60 (M. K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. DURESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER BRANHIGS 166A 2. ANY HISPECTION OF PLATES TOLOHOLD BY (1) SHALL BE FER AIMER AS OF TPI1 2002 SEC.3. AS SEA. ON THIS DESIGN ACCEPTANCE OF PROFESSIONAL ENGLIFICATION RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOW. THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

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

ALPINE



JREF -

1T1F487_Z01

SEQN-

HC-ENG

TCE/AF 130831 DRW HCUSR487 06285076

REF

7-- 18826 10/12/06

Scale = .5"/Ft. REF R487-- 188

Top chord 2x4 SP Bot chord 2x4 SP 72 Dense Dense

Wind reactions based on MWFRS pressures.

Hipjack supports 5-1-0 setback jacks with no webs

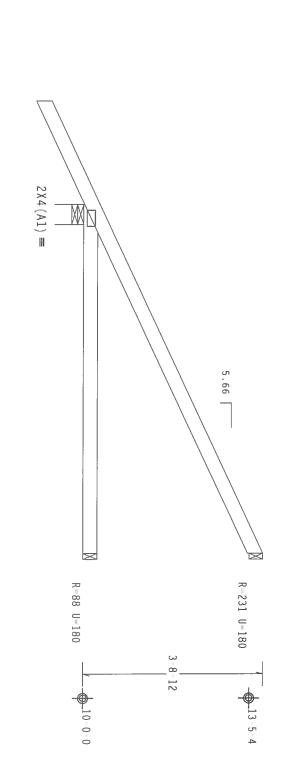
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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

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

@ 24"

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



287 U=180 W-4.95" 7-2-4 Over W Supports

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

TYP.

Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACHIG, RECER TO BEST 1 03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE (THUSS PLATE INSTITUTE, 583 D'ONDFRIO DR. SUILIE ZOO, HADISON, NI 53719) AND NICA (HOOD TRUSS COUNCIL OF AMERICA, 630D ENTERPRISE LI, HADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORHING THESE TUNCTIONS. UNLIES OTHERWISE INDICATED, TOP CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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

ALP'HE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN: ANY FALLURE TO BUILD THE TRUSSES. IN CONFORMACE HIM HE!

BUSSE IN CONFORMS HILL APPLICABLE PROVISIONS OF NOS (HATOMAL DESIGN SPEC, BY AFRA) AND IP!

BESIGN CONFORMS HILL APPLICABLE PROVISIONS OF NOS (HATOMAL DESIGN SPEC, BY AFRA) AND IP!

CONFECTION PLAIES ARE MADE OF 20/10/160A (H.H.FYAY) ASTH AGS GRADE 40/60 (H.Y.H.S.) GAV. STEEL APPLY PLAIES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCALED ON HILLS DESIGN, POSITION PER BRANINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE TERR ANNEX ADD TIPIL 2002 SEC. 3.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE TERR ANNEX ADD TIPIL 2002 SEC. 3.

BRANING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLLLY FOR THE HUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND BUILDING DESIGNER PER ANSI/TP1 1 SEC. ART MADE OF 20/18/166A (M.1M/SKM) ASHM AGS3 GRADE 00/60 (M. K/M.S) GARV. SITEEL. APPLY ACT OF TRUSS AND. UNICES OF ORIERHISE (GOALTED ON HITS DESIGN, POSITION PER DRAWHIGES 160A. ACE OF TRUSS FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TPIT 2002 SEC.3. A SECAL ON HITS S ACCEPTANCE OF PROFESSIONAL TEGLINACE FLOW GESPONSEBILITY SOLELLY FOR THE TRUSS COMPONENT THE SULFABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

Alpine Engineered Products, Inc.

33844 ration # 5

ALPINE



10.0 20.0

PSF

DATE REF

10/12/06 18827

PSF

Scale = .5"/Ft.

R487-

10.0 PSF 0.0

DRW HCUSR487 06285072

PSF

HC-ENG

TCE/AF 130855

40.0

PSF

SEQN-

1.25

JRFF-

1T1F487_Z01

Alpine Engineered Products, Inc. 1950 Marley Drive Hanes City, FL 33844 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,.$ Wind reactions based on MWFRS pressures Top chord 2x4 Bot chord 2x4 6 347--Will Myers Morris TYP. ALPINE Wave SP 22 Dense Dense **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

AND THE ENGINEERED PRODUCTS. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE ROSS IN CONFORMACE WITH PI:

BUSS IN CONFORMACE WITH PI:

CONTROL OF THE PI:

CONTROL OF T ****WARNING** PRISSES REGUISE EXTREME CARE IN FARRICATION, MANDELING, SUPPHINE, INSTALLING AND BRACING.

RETER TO REST TO DEBULLOHING COMPORINE SAFETY HORMATION), PUBLISHED BY FPI (TRUSS PLATE HSTITUTE: 583

D'ONOFINO DR., SUTTE ZOO, MADISON, HI 53719) AND MICA (MODD TRUSS COHNCIL OF ARERIAS, 63DD ENTERPAISE UNA
MADISON, MI 53719) FOR SAFETY PRACTICES PRICE STRONG TO DEFORMING HISES CHINCIDOS, UNILESS CHIRCHES INDICATED,

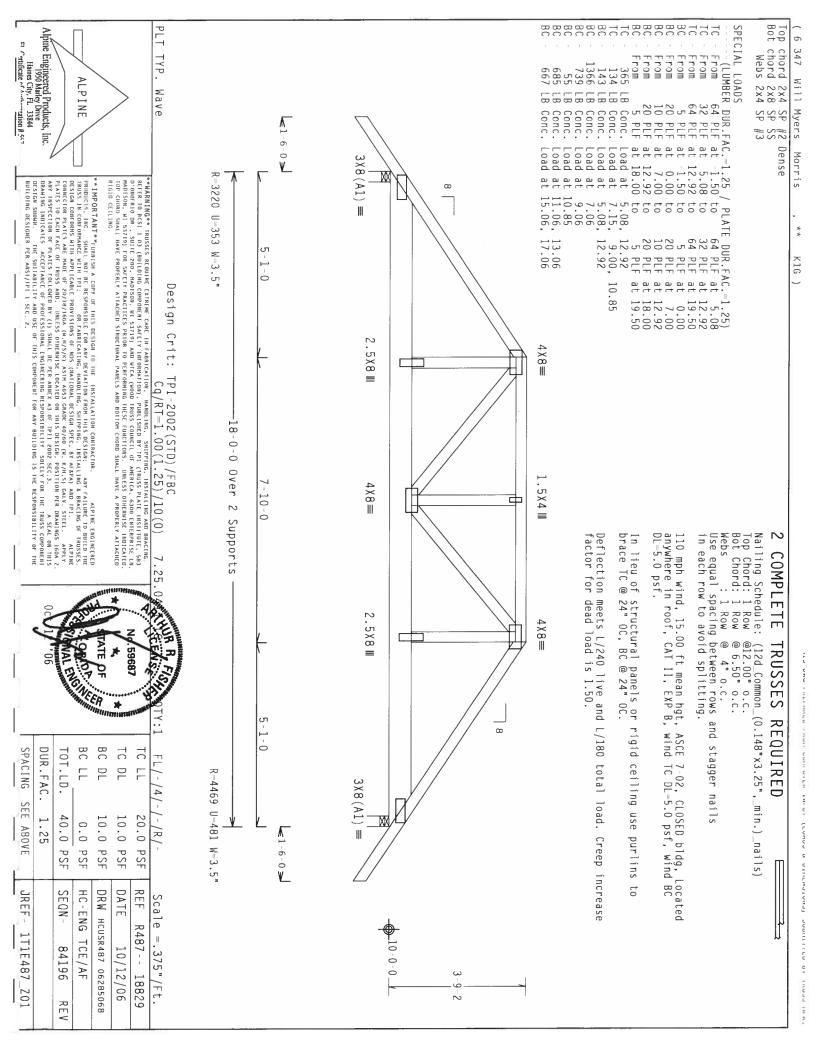
OF CHORD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PARIES AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED RIGID CEILING. **1** 6 0 − **y** EJK) 2X4(A1) =Design Crit: MI R = 342U=180 W-3.5" -5-1-0 Over TPI -2002(STD)/FBC Cg/RT=1.00(1.25)/ ω 8 Supports /10(0)Provide (Provide (110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED within 4.50 ft from roof edge, CAT II, EXP B, wind wind BC DL=5.0 psf. @ 24" In lieu of structural panels or rigid ceiling @ 24" OC, BC @ 24" OC. R-55 U-180 R-134 U-180 2) 16d common nails (0.162"x3.5"), toe nailed at Top chord. 2) 16d common nails (0.162"x3.5"), toe nailed at Bot chord. ONAL ENGINEER ZENS o. 5968 w 2 13-5-10 10 0 * BC LL BC DL TC DL DUR.FAC. TC LL TOT.LD. FL/-/4/use /-/R/-1.25 40.0 10.0 PSF 10.0 PSF 20.0 PSF 0.0 PSF purlins bldg, not TC DL 5.0 PSF to brace TC SEQN-DATE REF HC-ENG DRW HCUSR487 06285069 Scale = .5"/Ft. located psf, R487--TCE/AF 130851 10/12/06 18828

SPACING

24.0"

JREF -

1T1E487_Z01



Bot PLT Refer to DWG PIGBACKA0405 or PIGBACKB0405 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ $24\,^{\circ}$ OC, UNLESS OTHERWISE SPECIFIED. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Wind reactions based on MWFRS pressures Alpine Engineered Products, Inc. 1950 Marley Drive Hames City, FL 33844 FI Catificate of Amborization # 567 p chord 2x4 SP #2 I t chord 2x4 SP #2 I Webs 2x4 SP #3 TYP. 347 Will Myers ALPINE Wave R=6 $2X4(A1) \equiv$ U=180 W=6.31" R=72 PLF U=26 PLF W=15-1 Dense Dense Morris -2-11 3 \ 4 ≤ **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPTHE ENGINEERD PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DETVATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE FROMESS IN CONTRACTOR.

BUILDING CONTRACT HIT APPLICABLE PROVISIONS OF HOS S(INTIONAL DESIGN SPEC, BY ATRA) AND FPI.

CONTRECTOR PLATES ARE ANGE OF TOTAL PROVISIONS OF HOS S(INTIONAL DESIGN SPEC, BY ATRA) AND FPI.

CONTRECTOR PLATES ARE ANGE OF TOTAL PROVISIONS OF HOS S(INTIONAL DESIGN SPEC, BY ATRA) AND FPI.

PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE LOCATED ON HIS DESIGN, POSITION FRE BRANHINGS IGAN Z.

APPLY

BUILDING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOFTLY FOR THE TRUSS COMPONENT DESIGN SHOWN.

BRANHING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOFTLY FOR THE TRUSS COMPONENT DESIGN SHOWN.

BUILDING DESIGNER PER ANSI/FPI I SEC. Z. **WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, INAUDILING, SHIPPING, INSTALLING AND BRACING, RETER TO BOSI I DO (BUIJDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (RUMSS PLATE INSTITUTE, 503 D'OUDGERTO BR. SITUTE 200, ANDISON, HI 53719) AND MICA (MODD BRUSS COUNCIL OF AMERICA, 6300 EMTERPRISE U., HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING INCSE FUNCTIONS. UNLESS OTHERWISE INFORMED SHALL HAVE A PROPERLY ATTACHED RIGID CEILING AP1 5 X 4 III 卣 4 6 Design Crit: 6 ∞ TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 0 0ver 1.5X4 III 12 .5X4 Ⅲ ۵ ゆ ゆ ω -0 Supports 110 mph wind. 22.37 ft mean hgt, located within 4.50 ft from roof DL=5.0 psf, wind BC DL=1.2 psf. In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C. .5X4 Ⅲ .5X4 Ⅲ 中中 3 X 4 ≤ 6.59687 ATE OF 1-2-11 R=6 $2X4(A1) \equiv$ œ U=180 W=6.31" * ASCE 7-02, CLOSED edge, CAT II, EXP TC DL SPACING DUR.FAC. TC TOT.LD. FL/-/4/-P / - /R/ 24.0" 32.0 20.0 10.0 PSF 0.0 2.0 bldg, not B, wind TC PSF PSF PSF PSF JREF -SEQN-DATE REF HC-ENG DRW HCUSR487 06285095 Scale R487--1T1E487_Z01 =.375"/Ft.TCE/AF 10/12/06 131281 18830

details. BRACED @ Top Bot Refer Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,.$ Wind reactions based on MWFRS pressures. p chord 2x4 SP #2 E t chord 2x4 SP #2 E Webs 2x4 SP #3 347 Will Myers Morris to DWG PIGBACKAO405 or PIGBACKBO405 for piggyback ls. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE D @ 24" OC, UNLESS OTHERWISE SPECIFIED. $2X4(A1) \equiv$ -16 U=180 W=6.31" R=75 PLF U=30 PLF W=15-1 Dense Dense œ * 4 X 4 == .5X4 AP2 -6-11 - 91 œ 0 0ver 1.5X4 III 8-8-0 .5X4 Ⅲ 西 3 Supports 110 mph wind, 23.04 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=1.2 psf. In lieu of structural panels or rigid brace TC @ 24" OC, BC @ 24" OC. $4 \times 4 \equiv$ 5 X 4 III Ń œ Ė R 2X4(A1) =16 U=180 W=6.31" ו אמוו פטוו מובא זווימו לבמטמי מ מזווכשינומוין מממוזוולם מו ואמיין ווועי ceiling use purlins to bldg, not B, wind TC -6-4

PLT

TYP.

Wave

Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844 FI Certificate of Authorization # 547

ALPINE

IMPORTANTTURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ANY FAILURE TO BULLE THE PRODUCTS. THE SHOWLE FOR ANY DEVIATION FROM HIS DESIGN: ANY FAILURE TO BULLE THE RUSS IN CONFORMACE WITH PET:

BUSICAL CONFORMS WITH APPLICABLE PROVISIONS OF THIS CHATIONAL DESIGN SPEC. BY AFRA) AND TPI.

CONNECTION PLAIGS ARE MADE OF ZO/LOPIGACA (M.H./SZY) ASTA MASS GRADE AGGO (M. K./H.S.) GALV. SIEEL. APPLY DELATES TO EACH FACE OF TRUSS AND. DHEESS OHERWISE LOCATED ON HIS DESIGN. POSITION PER BRANHOS 160A Z.

ANY HISPECTION OF PLAIGS TOLOHED BY 1) SHALL BE PER ANNEX AS OF TPIL 2002 SEC.3. AS SA. ON THIS DESIGN ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPORERS DESIGN SHOWN.

THE SHIFMARLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUSICLES. 2.

0ct

12'06

SPACING

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1T1E487_Z01

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ENGINEER

*

TC DL TC LL

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DATE REF

10/12/06

18831

DRW HCUSR487 06285102

TCE/AF

BC DL

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SUIPPING, INSTALLING AND BRACING. RELER TO BESS! 1 03 (BUILDING COMPOREN) SAFETY HINDRANGION, PUBLISHED BY FPI (TRUSS PLATE INSTITUTE, 583 0 "OHORRIO BA, SUITE 200, ANDISON, HI 53719) AND MICA (MODOD RUSS COUNCEL) OF MERICA, 6300 ENTERPRISE LM, HADISON, HI 53719 FACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERNISE INDICATED. TOP CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL MADES AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED REGIO CEILING.

Design Crit:

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

CENSS 6.59687

FL/-/4/-

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PSF

Scal æ R487--

=.375"/Ft.

æ

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

to

110 mph wind, 23.70 ft mean hgt, located within 4.50 ft from roof DL=5.0 psf, wind BC DL=1.2 psf.

ASCE 7-02, edge, CAT I

II, EXP

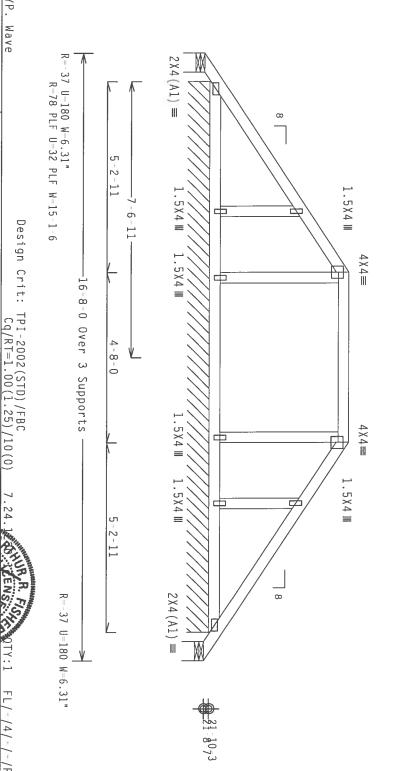
B, wind TC

lop Bot p chord 2x4 SP #2 I t chord 2x4 SP #2 I Webs 2x4 SP #3 Dense Dense

Wind reactions based on MWFRS pressures

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

Refer to DWG PIGBACKA0405 or PIGBACKB0405 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.



10

RIGID CEILING.

PLT

TYP.

Wave

IMPORTANTFURNISH A COPY OF THIS DESIGN 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 COMPONANCE WITH HET:

RUSS IN COMPONENCE WITH APPLICABLE PROVISIONS OF RIDS (MATIONAL DESIGN SPEC, BY ATRA) AND TEP.

DESIGN CONTRONS WITH APPLICABLE PROVISIONS OF RIDS (MATIONAL DESIGN SPEC, BY ATRA) AND TEP.

CONNECTION FLATES ARE MADE OF ZO/JEM GEAG, MY HIS/ZY) ASTH MASS GRADE CAD/GO (M. KYH.S) GALV. SIELL. APPLY

PLATES TO EACH FACE OF TRUSS AND. DIMERS OTHERNISE LOCATED ON THIS DESIGN, POSITION FER BRANHINGS 160A Z.

ANY HISPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANIREX A) OF FILE ZODES SEC.J.

ASSENTIAL OF PROTESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN.

BUILDING DESIGNER PER ANSI/PPI 1 SEC. Z.

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

ALPINE



0.0 2.0 PSF

PSF

HC-ENG

TCE / AF

DRW HCUSR487 06285103

10.0 PSF

DATE REF

10/12/06

18832

PSF

Scale = .375"/Ft. R487--

SPACING 24.0" 32.0 1.25 PSF JREF _ SEQN-1T1E487_Z01 131292

Top Bot Refer to DWG PIGBACKA0405 or PIGBACKB0405 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\mathrm{cm}$ Wind reactions based on MWFRS pressures Alpine Engineered Products, Inc. 1950 Marley Drive Hames City, FL 33844 6-347--Will Myers Morris p chord 2x4 SP #2 I t chord 2x4 SP #2 I Webs 2x4 SP #3 TYP ALPINE Wave $2X4(A1) \equiv$ 18 Dense Dense 8 U=180 W=6.31" R=75 PLF U=30 PLF W=15-1-**IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FALLERE TO BUILD THE PRODUCTS. THE. SMALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FALLERE TO BUILD THE TRUSES IN COMPONENCE WITH HET:

OFSIGN CONTRONS WITH APPLICABLE PROVISIONS OF THIS CHARLONG, SHIPPING, INSTALLING & BRACING D'FLUSSES, DESIGN CONTRONS WITH APPLICABLE PROVISIONS OF THIS CHAILONG, SHIPPING, INSTALLING & BRACING D'FLUSSES, DESIGN CONTRONS WITH APPLICABLE PROVISIONS OF THIS CONTROL SHIPPING, THE SHIPPING THE SH **WARNING** IRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING, RECER TO BEST 1-03 (BUILDING COMPONINT SAFETY INFORMATION), PUBLISHED BY TP (TRUSS PLATE INSTITUTE, 583 D'ONDOTRIO BR. SULITE-200, MADISON, HI 53719) AND MICA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LIM, HADISON, HI 53719, NOR SAFETY PRACTICES PRIOR TO PERFORMING THESE TUNCTIONS. UNILESS OTHERMISE INDICATED. TO CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. 1.5X4 III AP6 .5X4 III -6 - 119 Design Crit: -11 16 8-0 TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0) 0ver $4 \times 4 =$.5X4 III ယ Supports In lieu of structural panels or rigid brace TC @ 24" OC, BC @ 24" OC. 110 mph wind, 24.39 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=1.2 psf. -6 - 11.5X4 III .5X4 III 45 TUR R. F. VENSE 8 TRIOP. \mathbb{R}_{\parallel} $2X4(A1) \equiv$ 18 U = 180* W=6.31" BC DL TC DL SPACING TC LL DUR.FAC. TOT.LD. FL/-/4/ceiling use 24.0" 32.0 10.0 20.0 /-/R/-0.0 2.0 PSF bldg, not B, wind TC PSF PSF PSF PSF JREF SEQN DATE REF HC-ENG DRW HCUSR487 06285114 Scale = .375"/Ft. R487 1T1E487_Z01 TCE/AF 10/12/06 131456 S 18835 9

Alpine Engineered Products, Inc. 1950 Marley Drive
Hames City, FL 33844
F1 Crifficate of Authoritation # 567 Wind Bot Bot PLT Refer to DWG PIGBACKA0405 or PIGBACKB0405 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. b chord 2x4 SP #2 I t chord 2x4 SP #2 I Webs 2x4 SP #3 TYP. 347 Will Myers Morris reactions based on MWFRS pressures ALPINE Wave 2X4(A1) =37 Dense Dense 7 U=180 W=6.31" R=78 PLF U=32 PLF W=15-1-6 **IMPORTANT**TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

AND TAIL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE ROUSETS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION, SHADLING, SHIPPING, INSTALLING & BRACING OF ROUSES, DESIGN CONFORMS HIM APPLICABLE PROVISIONS OF 1005 (MATIONAL DESIGN SPEC, BY AREA) AND TPI.

CONNECTOR PAIRS ARE ANDE OF 70/189/160A (H.M./SY), ASTA AGS GRADE AND/S (M. K. M. M.).

PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER BRAHMOS 100A A.

ANY MESPECTION OF PAIRS FOLLOWED BY (1) SHALL BE PER ANMEX AS OF TPI) 2002 SEC.3.

ASEA ON THE SECOND OF PROFESSIONAL ENGINEERING COMMON BELLEY OF THE TRUSS COMPONENT

BRAHMON HORALTS ACCEPTANCE OF PROFESSIONAL ENGINEERING COMMON BELLEY OF THE TRUSS COMPONENT

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BEFORE THE STORM HE STATEMENT AND THE STORM SHEET OF THE STORM SHEET OF THE TRUSS COMPONENT OF THE STORM SHEET OF THE STORM S Design Crit: TPI-2002(STD)/FBC7. ***MARNING** IRUSSES REQUIRE EXTREME CARE IN FABRICATION. IMMODING. SHIPPING, INSTALLING AND BRACING, RETER TO BCS1 1 03 (BUILDING COMPONENT SAFETY HUBBRACING), DUBLISHED BY THE (TRUSS CHARLING, SOURCH IN THE FORMAL PROPERTY AND HER (ANDO DESCENTIONS, UNICE) SOURCH IN THE PROPERTY AND ALCO PROPERTY AND HER (ANDO DESCENTIONS, UNICE) SOURCH IN THE PROPERTY ANTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED. DESIGN SHOWN. THE SUITABILITY AND USE OF THIS BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. RIGID CEILING. ယ် ယ် .5X4 III AP7 -6-11 1.5X4 III 4 X 4≡ 6 œ Ö 0ver 4-7-0 w Supports .5X4 III 4 X 4≡ In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C. 110 mph wind, 23.72 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=1.2 psf. 1.5X4 III 1.5X4 III 7.24 ယ် NA R. GENSO lo. 59687 $2X4(A1) \equiv$ 37 U=180 W=6.31" * TC DL DUR.FAC. TC TOT.LD. DL /4/-1.25 32.0 20.0 /-/R/-10.0 PSF 0.0 2.0 bldg, not B, wind TC PSF PSF PSF PSF SEQN-DATE HC-ENG TCE/AF DRW HCUSR487 06285120 Φ R487--=.375"/Ft. 10/12/06 131461 -10-9 18836

SPACING

24.0"

JREF-

1T1E487_Z01

Top Bot Refer to DWG PIGBACKA0405 or PIGBACKB0405 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED. Alpine Engineered Products, Inc. 1950 Marley Drive Hanes City, FL 33844 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\mathrm{cm}$ Wind reactions based on MWFRS pressures p chord 2x4 SP #2 | t chord 2x4 SP #2 | Webs 2x4 SP #3 -347--Will Myers Morris ΤYP. ALPINE Wave R=11 $2X4(A1) \equiv$ Dense Dense U=180 W=6.31" R=72 PLF U=2 8 **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 HE REDUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD HE RUSSES.

BESIGN CONFORMACE WITH HE!

CONNECTOR PLATES ARE HADE OF 20/18/16/6A (M.H./S.Y.) ASTH A653 GRADE 40/16/6 (M. K/M.S.) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN. POSITION PER DRAWING 160A-Z. ANY HISTOCITIS ACCEPTANCE OF THE TOWN OF ***MARNING** IRUSSES RIQUIRE CAMPEN, CARE IN FARRICATION, IMADILING, SUPPING, INSTALLING AND BRACHIG.
REFER TO BESSI 1 03 (BULLDING COMPONENT SAFETY IN ORBANION). PUBLISHED BY THE (FIRES PARE INSTITUTE, SA3
D'ONDEFIO DR., SUITE 200, HADISON, HI 53719) AND NICA (MODO TRUSS COUNTIL OF MERICA, 6300 ENTERPRISE LI,
MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNICESS OTHERWISE INDICATED
OF CHORD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED DBANHIG INDICATES ACCEPIANCE OF PROFESSIONAL ENGLIEFING RESPONSIBILITY S DESIGN SNOWN. HE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING BUILDING DESIGNER PER ANSI/IPT I SEC. Z. RIGID CEILING. Ń U=24 PLF W=12-1-7 4 X 4 == DP1) .5X4 45 Design Crit: Ö TPI-2002(STD)/FBC Cq/RT=1.00(1.25) ü 8-0 0ver 1.5 X 4 ⊪ .5X4 ά ф ф 3 Supports 0 /10(0)110 mph wind, 20.04 located within 4.50 DL=5.0 psf, wind BC In lieu of structural panels or rigid ceiling brace TC @ 24" OC, BC @ 24" OC. . 24 .5X4 **Ⅲ** 4 X 4≡ ф 0.59687 LENS 4 ft mean hgt, 0 ft from roof C DL=1.2 psf. RIOP 10 3 2-2-12 뽜 2X4(A1) ==11 U=180 W=6.309" ASCE 7-02, CLOSED edge, CAT II, EXP TC DL ВС ВС TC LL DUR.FAC 70T.LD. FL/-/4/-/-/R/ PL use purlins to 32.0 20.0 10.0 PSF 0.0 2.0 25 B, wind TC PSF PSF PSF PSF 0 SEQN DATE REF DRW HCUSR487 06285100 HC-ENG Scal e R487--=.5"/Ft. TCE/AF 10/12/06 130818 1-10-4 18837

SPACING

24.0"

JREF -

1T1E487_Z01

ASCE 7-02, CLOSED edge, CAT II, EXP

) bldg, not B, wind TC

ceiling use purlins

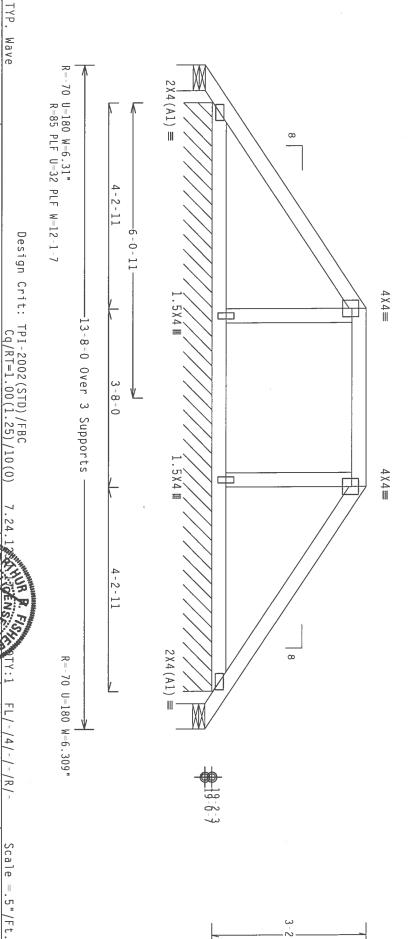
Top Bot chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3

Wind reactions based on MWFRS pressures

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

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

Refer to DWG PIGBACKA0405 or PIGBACKB0405 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.



#ARN.MG TRUSSES REQUIRE EXTRIME CARE IN FABRICATION, MANDLING, SWIPPING, HISTALLING AND BRACHE. RETER TO BEST 1-03 (BUILDING COMPONENT SATETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'OMOFRIO DR., SUITE 200, MADISON, HI 53719) AND MICA (MODO TRUSS COMUNCIL OF MAREAGA, 6300 EMEREPRISE LIN, HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERHISE INDICATED. TOP CHORD SMALL HAVE A PROPERLY ATTACHED RIGHD CEILLING.

IMPORTANTTURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPHE ENGINEER D. PRODUCTS, INC. SMALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; MAY FALLURE TO BUILD THE RUSSES IN CONFORMANCE ATHIN FILE.

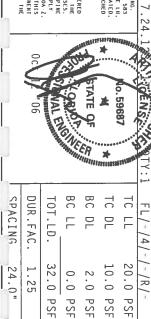
BESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MDS (MATIONAL DESIGN SPEC. BY ARRA) AND FIL. ALPHN CONNECTOR PLATES AME HADE OF 20/19/16GA (H.H/S/K) ASTM A653 GRADE 40/60 (H. K/H.S) GALV. STEEL. APPLY LATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DRAWHIGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER AHREX AS OF TPI1-2002 SEC. 3. A SEAL ON THIS DRAWHIGS INGLESS OFFICE SHOWN AND THE SHAME AS ORDONE WITH THE SECONDOMENT OF THE CONTROLLES ACCUPANCES OF THE SEAL OF DESIGN SHOWN. THE SUITABILITY AND BUILDING DESIGNER PER ANSI/TPI 1 SEC

Alpine Engineered Products, Inc.

ALPINE

Haines City, FL

33844



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DATE REF

10/12/06 18838

R487--

Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 Refer to DWG FIGBACKA0405 or PIGBACKB0405 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED. Wind reactions based on MWFRS pressures Alpine Engineered Products, Inc. PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Flames City, FL 33844

Trufficate of Authorization # 567 347 Will Myers Morris ALPINE Wave R=18 2X4(A1) ∞ U=180 R=71 -2-11 **IMPORTANT**FURNISH A COPY OF THIS BESIGN TO THE INSTALLATION CONTRACTOR.

AND FALLERE TO BUILD THE PRODUCTS. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN:

ANY FALLERE TO BUILD THE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN.

BESIGN CONFORMS WITH APPLICABLE PROYISIONS OF HIS CHAIRCANAL DESIGN SPEC. BY AFRAD, AND TPI.

CONNECTOR PLATES ARE AND. OF 20/18/18/GA. (A.H.18/SY.) ASTH AGES GRACE 40/18/G. (K.K.)H.3) GALV. STEEL.

APPLY PLATES TO EACH FACE OF TRUES AND. HULLSS OTHERNISE LOCATED ON HIS DESIGN, POSITION FRE BRANHINGS 160A Z.

ANY HISPECTION OF PLATES FOLLOWED BY C1) SHALL BE PER ANNEX A OF THIS 2002 SEC. 3.

ASS. AND THE SUITABLE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY TOR THE TRUES COMPONENT DESIGN SHOWN.

THE SUITABLE LITT AND DUSE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE **MARNING** IRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING. INSTALLING AND BRACING. REFER TO BEST 1 03 (BUILDING COMPONENT SAFETY INTORNALING), PUBLISHED BY FPI (RRUSS PLATE INSTITUTE. 583 D'OHOFRIO BR. SUITE ZOO. ANDISON, HY 53719) AND MICA (MODO BRUSS COUNCIL OF ANERCA, 6300 ENTERPRISE LH. HANDISON, HY 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNICES OTHERNISE INDICATED. TOP CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CELLING. W=6.31" PLF U=22 PLF W=12-1-7 Ш 3×4≡ 1.5X4 III .5X4 坷 中 DP4 6-0-11 Design Crit: ω TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) ά 0 0ver 1.5X4 Ⅲ 9-8 .5X4 III 6 Ъ 3 Supports Ö In lieu of structural panels or rigid brace TC @ 24" OC, BC @ 24" OC. 110 mph wind, 19.70 located within 4.50 DL=5.0 psf, wind BC WHUR R. 1.5X4 III CENSE 5 X 4 III TATE OF 6.59687 ONO ф \Box O ft mean hgt, O ft from roof C DL=1.2 psf. ווזס שאם בערבישרה בשהנו רהווגתולע זוגתו (רחשה פי הווובנוסותום) סתפנוזוובה פו ועחסס הבעי 3 X 4 ⊯ 1-2-11 * 2X4(A1) ==18 œ ASCE 7-02, CLOSED bldg, not edge, CAT II, EXP B, wind TC U=180 W=6.311" BC DL TC DL SPACING DUR.FAC. ВС C TOT.LD. FL/-/4/-/-/R/ ceiling use purlins to 32.0 10.0 20.0 24.0" 1.25 0.0 2.0 19-6 PSF PSF PSF PSF PSF JREF -DATE REF SEQN-HC-ENG DRW HCUSR487 06285087 Scale =.5"/Ft. R487 1T1E487_Z01 TCE/AF 10/12/06 130828 18840

Alpine Engineered Products, Inc. 1950 Marley Drive Hames City, FL 33844
FI Centificate of Authorization # 567 Wind reactions based on MWFRS pressures. Top chord 2x4 SP #2
Bot chord 2x4 SP #2
Webs 2x4 SP #3 PLT TYP. #1 hip supports 5-0-0 jacks with no webs. 6-347--Will Myers Morris ALPINE Wave K1-6-0 V $3 \times 4 (A1) =$ Dense Dense R=1071 U=180 W=3.5" W **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE FOR HER PRODUCTS, INC. SMALL NOT BE RESPONSIBLE FOR ANY DELYNATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE RUSS IN COMPONANCE WITH HET:

OF FABRICATHIG, HANDLE, SHEPING, INSTALLING, SHIPPING, INSTALLING & BRACING OF BRASCES, DESIGN CONTRONS WITH APPLICABLE PROVISIONS OF HIDS (MATIONAL DESIGN SPEC, BY AFAPA) AND TPL.

CONTROL OF THE SEE AND COT POLICE FOR ANY STEEL. APPLY PLATES TO EACH FACE OF TRUSS, AND. BUILDING SHOP ANY STEEL. APPLY PLATES TO EACH FACE OF TRUSS, AND. BUILDING SHOP ANY STEEL. APPLY PLATES TO EACH FACE OF TRUSS, AND. BUILDING SHOP FALTES OF THE SHOP ANY STEEL APPLY PLATES TO EACH FACE OF TRUSS, AND. BUILDING SHOP FALTES FOLLOWED BY (1) SHALL BE FER ANNEX AT OF TPL-T-2002 SEC. 3.

ANY HISPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANNEX AT OF TPL-T-2002 SEC. 3.

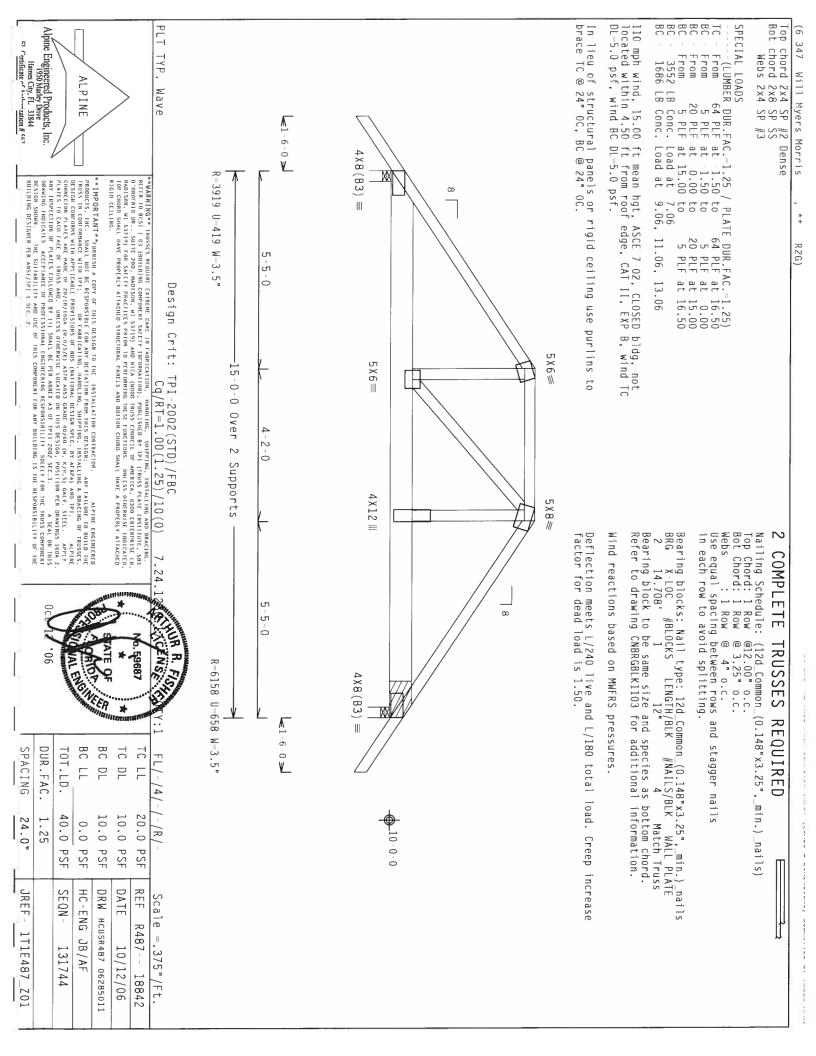
AS SEAL OF THE SHIP AND LIST OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLETY FOR THE TRUSS COMPONENT DESIGN SHOWN.

HE SHIP AND LITTED AND LIST OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/PPI I SEC. 2. **WARNING** TRUSSES REQUIRE EXTREME CARE IN FARRICATION. INABELING. SHIPPING, INSTALLING AND BRACING.
RETER TO BEST 1-05 (BUILDING COMPONENT SACTEY INFORMATION), PUBLISHED BY FT! (TRUSS PLATE INSTITUTE, 583
D'ONOFICO BL. SUITE ZOO. ANDISON, HI 53719) AND HOLGA (MODD BRUSS COUNCEL OF AMERICA, 5000 ENTERPRISE LH,
MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED.
TOP CHORO SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED
RIGID CEILING. 8 R1) Design Crit: 4X5≢ 3 \ 4 ≡ 5 TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 0-0-0ver Ö 2 Supports 0 1.5X4 III 5 X 6≡ 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. In lieu of structural panels or brace TC @ 24" OC, BC @ 24" OC. THE R. 5-0-0 8 KCENS No. 59687 TAJE OF תובי ביים וארו הארם ואטוז עלוח מובה בחדשו לבסמם מ מוחבת ושושל שטמחוודב שו ואסט חדה. R=1071 U=180 W=3.5" $3X4(A1) \equiv$ * MZ**★**1-6-0 **★** rigid BC DL DUR.FAC. TC DL TC LL ВС TOT.LD. FL/-/4/-/ ceiling use 40.0 20.0 /-/R/-1.25 10.0 PSF 10.0 PSF 0.0 purlins PSF PSF PSF JREF DATE REF SEQN HC-ENG DRW HCUSR487 06285119 Scale = .375"/Ft. R487--TCE/AF 130801 10/12/06 18841 ω

SPACING

SEE ABOVE

1T1E487_Z01



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

Wind reactions based on MWFRS pressures.

In lieu of structural panels or rigid ceiling use purlins to 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.

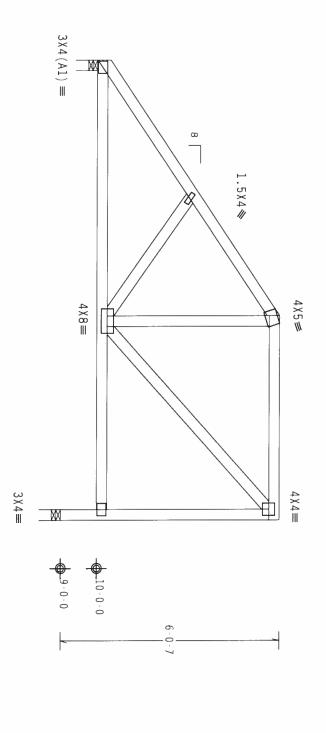
Leg down designed for vertical loads only

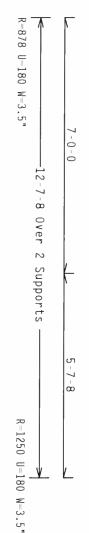
110 mph wind, 15:00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

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

Left side jacks have 7-0-0 setback with 0-0-0 cant and 1-6-0 overhang. End jacks have 7-0-0 setback with 0-0-0 cant and 0-0-0 overhang. Right side jacks have 0-0-0 setback with 0-0-0 cant and 0-0-0 overhang.





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

P ____

TYP.

Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FARRICATION. INANDLING. SHIPPING. INSTALLING AND BRACING.

RETER TO BESS I OS (BUILDING COMPONENT SAFETY INFORMATION). PHIR USHED BY TPI (TRUSS PLAIT INSTITUTE. 583
D'ONOFREO DE... SUITE ZODO, HADISON, IN 183719) AND HICA (MODO TRUSS COUNCIL OF AMERICA, 6300 CHIERPRISE IN.

HADISON, JE 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNITES OTHERNISE INDICATED.

TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARIELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED

REGED CELLING.

IMPORTANTURBHISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALP FLUENCE TO SHALL MOT BE RESPONSIBLE FOR ANY DEPLATION ROOM THIS DESIGN. ANY FLUENCE TO BUILD THE TRUSS IN CONTENRANCE WITH FILE

TRUSS IN CONTENRANCE WITH FILE

DESIGN CONTENRANCE WITH APPLICABLE PROVISIONS OF 1005 (MATIGNAL DESIGN SPEC, BY ARRA) AND TP.

CONNECTION PLATES ARE AND OF 20/18/19/GAG (M.1/19/5/) ASTH AGS SEADE 40/60 (M. KM.15) SAAV. SIEEL

PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z.

ANY TRESPECTION OF PLATES ARE AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z.

ANY TRESPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANDREX AS OF TPI1 2002 SEC. 3.

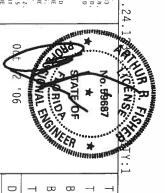
A SEAL OF THIS DESIGN SHOWN.

THE SULFABILITY OF SOME PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPORENT DESIGNS SHOWN.

THE SULFABILITY OF SOLE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/IPI I SEC. 2.

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

ALPINE



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DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL	FL/-/4/-/-/R/-
1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF	/-/R/-
	SEQN- 130906	HC-ENG TCE/AF	DRW HCUSR487 06285113	DATE 10/12/06	REF R487 18843	Scale = .375"/Ft.

SPACING

SEE ABOVE

JREF 1T1E487_Z01

347--Will Myers Morris **S**2

HIS UNG PKEPAKEU FKOM CUMPUIEK IMPUI (LUAUS & DIMENSIUNS) SUBMILIED BY IKUSS MEK

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

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

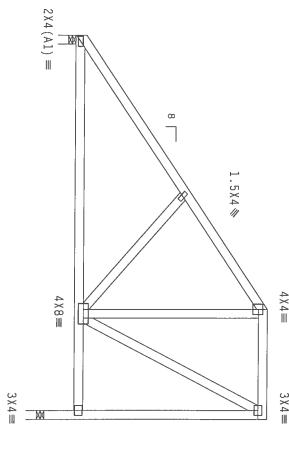
Wind reactions based on MWFRS pressures.

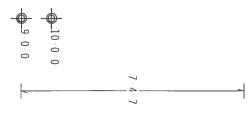
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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.

Leg-down designed for vertical loads only.







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

PLT TYP.

Wave

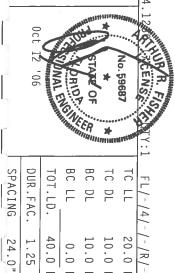
WARNING IRUSSES REQUIRE EXTREME CARE IN FABRICATION. IMMOLING. SHIPPING, INSTALLING AND BRACING. RETER TO BEST 1-03 (BUILDING COMPOREN SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 O'CHORFIO BN. SUITE ZOO, AND SOM, HI 53719) AND HICA (MODO RUSS COUNCIL OF ANERLA, 6300 ENTERPRISE LH, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED REGED CELLING.

IMPORTANTFURNISH A COPY OF THIS DESIGN 10 THE INSTALLATION CONTRACTOR. ANY FALLINE TO BRITCH THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIALION FROM HITS DESIGN: ANY FALLINE TO BRITCH THIS DESIGN OF THE PINCE OF

Alpine Engineered Products, Inc. Hames City, FL 33844

Tation # 547

ALPINE



_			21/6	CH	≯ mu mu	MINIMA
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
JREF- 1T1E487_Z01		SEQN- 130911	HC-ENG TCE/AF	DRW HCUSR487 06285108	DATE 10/12/06	REF R487 18844

Scale = .3125"/Ft

Top chord 2x4 SP Bot chord 2x8 SP Webs 2x4 SP Dense

SPECIAL LOADS -----(LUMBER DUR.FAC.=1.25) / PLATE DUR.FAC.=1.25) TC - From 64 PLF at 0.00 to 64 PLF at 12.63 BC - From 20 PLF at 0.00 to 20 PLF at 12.62 BC - 2849 LB Conc. Load at 1.56, 3.56, 5.56, 7.56, 9.56,

Wind reactions based on MWFRS pressures.

T n **@** lieu of structural @ 24" OC, BC @ 24" panels or rigid ceiling OC. use purlins tο brace

Leg-down designed for vertical loads only

COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d_Common_(0.148"x3.25",_min.)_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 2 Rows @ 3.00" o.c. (Each Row)
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.

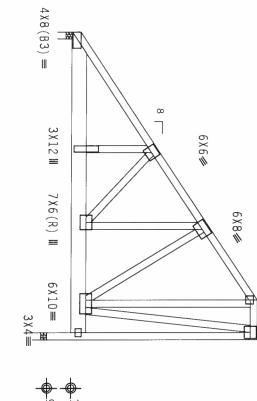
110 mph wind, 15.00 ft mean hgt, ASCE 7–02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

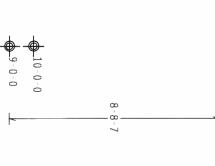
Right end vertical not exposed to wind pressure

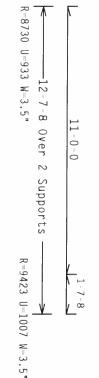
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

4 X 4≡

6X6≡







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

PLT

TYP.

Wave

RIGID CEILING.

IMPORTANTTURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE ROBOUTS, INC. SMALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE ROBOUTS, INC. SMALL NOT BE RESPONSIBLE FOR ANY DEVIATION, INNOLLING, SHIPPING, INSTALLING & BRACHING OF TRUSSES, DESIGN CONTRACKED HIM APPLICABLE PROVISIONS OF HOS (MAILTONAL DESIGN APPEC, BY ATRA) AND THE CONTROL OF TABLE AND TO TABLE PROVISIONS OF HOS (MAILTONAL DESIGN APPEC, BY ATRA) AND THE CONTROL OF TABLE AND TO TABLE PROVISIONS OF HOS CANDON AND ANY OF THE AND TABLE PROVISIONS OF THE ANY AND THE AND TABLE OF THE ANY AND THE AND THE ANY AND THE AND TABLE OF THE ANY AND THE AND THE ANY AND THE AND TABLE OF THE ANY AND THE AND THE ANY AND THE AND TABLE OF THE TRUSS COMPONER. DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. OF TPI1 2002 SEC. 3. A SEAL ON THIS ONSIBILITY SOLELY FOR THE TRUSS COMPONENT ANY BUILDING IS THE RESPONSIBILITY OF THE

Alpine Engineered Products, Inc

ALPINE

Ttilicate City, FL

33844

CONS ATE OF . 59687 SPACING FL/-/4/-/-/R/-

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SPACING S	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL
SEE ABOVE	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JREF - 1T1E487 Z01	57	SEQN- 131479	HC-ENG TCE/AF	DRW HCUSR487 06285115	DATE 10/12/06	REF R487 18845

Scale

. 25"

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844 FI Critificate of Authoritization # 567 Wind reactions based on MWFRS pressures. PLT TYP. #1 hip supports 7-0-0 jacks with no webs. 6 347--Will Myers Morris ALPINE Wave **★**1-6-0 **★** #2 Dense #2 Dense #3 $2.5 \times 6 (B1) =$ R=1374 U=180 W=3.5" M **IMPORTANT**TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILINE ENGINEERED PRODUCTS. THE. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILINE TO BUILD THE PRODUCTS. THE. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. SHEPTING, INSTALLING A BRACING TO BUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HIS SHALLONG, SHIPPING, INSTALLING A BRACING TO ENSES. DESIGN CONFORMS WITH APPLICABLE OF 20/18/166A (PH.1875) ASTH MASS GRADE 40/60 (M. K/H.S) GAULY STEEL. APPLY PALES TO EACH FACE OF TRUSS AND. DHILESS OTHERNISE LOCATED ON HIS DESIGN, POSITION PER BRAHHOS 160A Z. APPLY PALES TO EACH FACE OF TRUSS AND. DHILESS OTHERNISE LOCATED ON HIS DESIGN, POSITION PER BRAHHOS 160A Z. APPLY DATE OF THE STEEL OF THE STEEL OF THE STEEL APPLY DESIGN SHOULD BE FACE AND THE STEEL ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE RUSS COMPONENT DESIGN SHOULD BE STONES FOR ANY MIGHTLY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUSS COMPONENT OF THE STEEL APPLY DESIGN SHOULD BE STONES FOR ANY MIGHTLY AND SECOND SHOULD BE SECOND SHOULD BE STONES FOR ANY MIGHTLY AND SECOND SHOULD BE SECOND SHOULD **WARNING** IRUSSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, RETER TO BEST 1-03 (MULDING COMPONENT SAFETY THIORRATION), PUBLISHED BY PT (TRUSS PLATE INSTITUTE, 593) D'ONOFRIO BR. SUITE ZOO. HADISON, HI SAJIS) AND HYCA (MODO BRUSS COUNCIL OF AMERICA, 5000 ENTERPAISE LH. MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. DIRECTOR OTHER PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. DIRECTOR OTHER PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. DIRECTOR A PROPERTY ATTACHED REGIO CEILING. 8 21) Design Crit: 1.5X4 TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 16-0-0 Over 3 \ 4 == 4 X 4 = 0-0 2 Supports 3 X 4 ≡ 4 X 4 ≡ In lieu of structural panels or brace TC @ 24" OC, BC @ 24" OC. 110 mph wind, 15.00 ft mean hgt, ASCE anywhere in roof, CAT II, EXP B, wind DL=5.0 psf. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. 1.5X4 / 7-0-0 o. 5968. LENS R=1374 U=180 W=3.5" × 2.5X6(B1) =8 rigid ceiling use purlins BC DL TC DL SPACING TC LL DUR.FAC TOT.LD. FL/-/4/-/-/R/-**1**-6-0 ≥ 7-02, CLOSED bldg, Located TC DL=5.0 psf, wind BC SEE ABOVE 20.0 40.0 10.0 10.0 PSF 1.25 0.0 PSF PSF PSF PSF 10-0-0 JRFF SEQN-DATE REF HC-ENG DRW HCUSR487 06285063 Scale = .375"/Ft. R487-- 18846 1T1F487_Z01 TCE/AF 10/12/06 130885

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP Wind reactions based on MWFRS pressures. 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 FI Critificate of Authorstation # 567 6 347 Will Myers Morris TYP. ALPINE Wave #2 Dense #2 Dense #3 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPHRE ENGINEERD PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY PALITHON FROM THIS DESIGN: ANY FALURE TO BULLO THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY PALITHON FROM THIS DESIGN: ANY FALURE TO BULLO THE TRUSS IN CONTROMACE WITH FIT:

OF ANY FARE THE PROPERTY OF THE PROVISIONS OF ANDS (MATIONAL DESIGN SPEC, BY ATAPA) AND FIT:

APPLY CONNECTION FLATES ARE HADE OF 70/18/16GA (M. H/3/K) ASTH AGS3 GANDE 40/50 (M. K/H.S) GALV. SIEEE. APPLY FALES TO EACH FACE OF INSUSS AND. UNLESS OFFICE ON THIS DESIGN. POSITION FER DEAMINGS 160A A. ANY INSPECTION OF FALES FOLLOWED BY (H) SHALL BE PER ANNEX AS OF FPI) 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCURATESSIONAL 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 FER ANSI/FPI 1 SEC. 3. **WARNING** IRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, HISTALLING AND BRACING, REFER TO BEST 1 03 (BUILDING COMPONENT SAFETY HIGORANION), PUBLISHED BY TP I FRUSS PLATE HISTITURE, 593 D'ONOFRIO DR., SUITE 200, HANDSOU, H. 152719) AND HICA (MODD BRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LI, HADISON, H. 152719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS GINERALISENTE PROPERLY ATTACHED SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. **1**-6-0 2X4(A1) = 22 MM 781 Design Crit: U = 1808 W=3.5" TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0) 0-0 16 0 0 Over 4 X 8≡ 4×4≡ 2 Supports In lieu of structural panels or rigid 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. 8 ∞ 0 0 CENS lo. 59687 유 =666 U=180 2X4(A1) ASCE 7-02, CLOSED bldg, not edge, CAT II, EXP B, wind TC MИ BC DL TC DL SPACING TC LL DUR.FAC. TOT.LD. FL/-/4/-/-/R/ W=3.5" ceiling use purlins to 40.0 10.0 20.0 24.0" 10.0 PSF 0.0 PSF PSF PSF PSF JREF -SEQN-DATE REF DRW HCUSR487 06285117 HC-ENG Scale = .3125"/Ft. R487--1T1E487_Z01 TCE/AF 130890 10/12/06 18847

PLT Alpine Engineered Products, Inc. Top In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC. Wind reactions based on MWFRS pressures Haines City, FL 33844
FL Certificate of Authorization # 567 chord 2x4 SP t chord 2x4 SP Webs 2x4 SP TYP. ALPINE Wave #2 Dense #2 Dense #3 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPHIE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE IRRUSS IN CONFORMACE WITH PI:

OR FARMETATING. INABLING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF UNIS (MATIONAL DESIGN SPEC, OR YARAA) AND TPI.

CONNECTOR PLATES ARE HADE OF ZD/18/1/66A (N.H/S/X) ASTA ASS GABDE A0/50 (N.K/N.S) GALV. STEEL. APPLY CLATES TO EACH TACC OF TRUSS AND UNIESS OF TRUSS AND THIS DESIGN POSITION FOR BRAVHINGS 160A Z.

NY HISPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TPIT ZOOZ SEC.3.

A SEAL ON THIS DRAMING UNICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT **HARNING** TRUSSES REQUIRE CXTREME CARE IN FABRICATION, MINDLING, SHEPING, HYSALLING AND BRACING.
RETER TO BEST 1 DI GRILLING COMPONENT SAFETY HUFORNATION), PUBLISHED BY FPI (RUSS PLATE INSTITUTE, SOS
O'NOMERIO DR. SUITE ZOO, ANDISON, HI 52319) AND HOLA PHODO BRUSS COUNCIL OF AMERICA, 6300 EMERPRISE (INMADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. HHEESS OTHERWISE GUID CATED,
TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED
RIGID CETLING. BUILDING DESIGNER K1-6-0 2X4(A1) =R-788 U-180 W-3.5" 43) Design Crit: 8 TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 9 1.5X4 -4-0 16-0-0 BUILDING IS THE RESPONSIBILITY OF THE 0ver ~ Supports 4 X 8 ≡ 4×4≡ Right end vertical not exposed to wind pressure. 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. XXCEN. 9 No. 59 8-0 אורים העם נערונעוערם נעמון רמוובחופע זואגחו (רמשחט פ מזשהאסומאס) אחמווודה פג נאחסט שרא R=660 1.5X4 III 3 \ 4 ≡ U=180 W=3.5" ASCE 7-02, CLOSED bldg, not edge, CAT II, EXP B, wind TC BC DL DUR.FAC. TC DL TC LL TOT.LD. FL/-/4/-/-/R/-10-0-0 1.25 40.0 10.0 PSF 20.0 PSF 10.0 PSF 0.0 PSF PSF 6 ò SEQN-DATE REF HC-ENG DRW HCUSR487 06285121 Scale = .3125"/Ft. R487--TCE/AF 10/12/06 130895 18848

SPACING

24.0"

JRFF-

111E187 Z01

mill myers

S 1 1 101.1

Alpine Engineered Products, Inc. 1950 Marley Drive Hames City, FL 33844 110 mph wind, 15.00 ft mean hgt, ASCE anywhere in roof, CAT II, EXP B, wind DL=5.0 psf. Top chord 2x4 SP #2 Dense Bot chord 2x8 SP SS Webs 2x4 SP #3 :W6, W7 B B B C C C PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. SPECIAL LOADS ---- (LUMBER DUR.FAC.=1.25 / PLATE
From 64 PLF at -1.50 to
From 25 PLF at -1.50 to
From 20 PLF at 0.00 to
3526 LB Conc. Load at 7.06
1675 LB Conc. Load at 9.06, 1
1651 LB Conc. Load at 11.06
1292 LB Conc. Load at 15.06 ALPINE Wave ** IMPORTANT** FURNISH A COPY OF THIS DESIGN 10 THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE PRODUCTS. INC. SHALL NOT BE RESPONSIBLE FOR ANY DETINION FOR THIS DESIGN: ANY FAILURE TO BUILD THE FROM STATE OF THE PRODUCTS. INC. SHALL NOT BE RESPONSIBLE FOR ANY DETINION, AND FAILURE TO BUILD THE FROM STATE OF THE PROVISIONS OF HOS (HATIONAL DESIGN SPEE, BY ATRAY) AND FPI. APPLY DESIGN FOR THE PROVISIONS OF HOS (HATIONAL DESIGN SPEE, BY ATRAY) AND FPI. APPLY PLATES TO FACH FACE OF TRUSS. AND. UNLESS OTHERNIST LOCATION OF HIS DESIGN, POSITION FOR BRANHINGS INCO. 2. ANY STEEL APPLY DEATH OF THE PROPERSY OF THE PR **MARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION. IMADELING. SHIPPING, INSTALLING AND BRACING.
RETER TO BEST 1-03 (BUILDING COMPONENT SAFETY HIGORKALION), PUBLISHED BY FTP (TRUSS PLATE HISTITUTE, 583 b 0-000FRIO BR. SULTEZ TOD. MALSON, M. 1 52719) AND MECA (MODO BRISS COUNCIL OF AMERICA, 5000 ENTERPRISE L.N. HADISON, M. 1 52719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE TRUCTIONS. UNITESS OTHERNISE, LINDICATED FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE TRUCTIONS. UNITESS OTHERNISE, LINDICATED FOR CORROLLING. 2x4 SP PLATE 1-6-0 4X7 (B3) = E DUR.FAC.=1.25)
64 PLF at 16.00
5 PLF at 0.00
20 PLF at 16.00 13.06 #2 Dense: ∇ 7-02, CLOSED bldg, Located TC DL=5.0 psf, wind BC =4409 Design Crit: U=474 W=3.5" 8 1.5X3 2.5X4 \equiv 10 - 9 T TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) ပ်ာ 0 0 5 X 9 (R) Ö 5 X 6 // 0ver = 2 Supports 5 X 4 ≡ 7 X 1 0 = Nailing Schedule:
Top Chord: 1 Row @
Bot Chord: 1 Row @
Webs: 1 Row @ Bearing blocks: Nail type: 12d Common (0.148"x3.25", min.) nails BRG X-LOC #BLOCKS LENGTH/BLK #NAILS/BLK WALL PLATE 7 Match Truss Bearing block to be same size and species as bottom chord. Refer to drawing ${\tt CNBRGBLK1103}$ for additional information. Use equal spacing between rows and stagger nails Right end vertical not exposed to wind pressure. In lieu of structural panels or rigid ceiling use brace TC @ 24" OC, BC @ 24" in each row to avoid splitting. COMPLETE S 15.708' #BLOCKS -7-0 =6858 U=738 W=3.5" 3X4 Ⅲ ₩7 (12d_Common_(0.148"x3.25",_min.)_nails)
@12.00" o.c.
@ 3.00" o.c.
@ 4" o.c. TRUSSES 5 X 7 (R) III 10-0-0 REQUIRED BC DL BC LL TC DL SPACING TC LL DUR.FAC. TOT.LD. FL/-/4/-/ 40.0 10.0 20.0 24.0" 1.25 10.0 PSF -/R/-0.0 purlins 0C. PSF PSF PSF PSF t o SEQN-DATE REF JREF-HC-ENG DRW HCUSR487 06285012 Scale =.25"/Ft. R487--1T1E487_Z01 JB/AF 67904 10/12/06 18849 REV

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 WITH APPROPRIATE

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

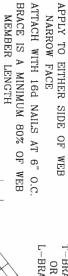
T-BRACE, L-BRACE AND SCAB BRACE TO BE SAME SPECIES AND GRADE OR BETTER THAN WEB MEMBER UNLESS SPECIFIED OTHERWISE ON ENGINEER'S SEALED DESIGN.

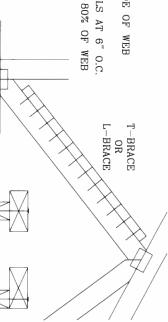
* CENTER SCAB ON WIDE FACE OF WEB. APPLY (1) SCAB TO EACH FACE OF WEB.

T-BRACING

L-BRACING:

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



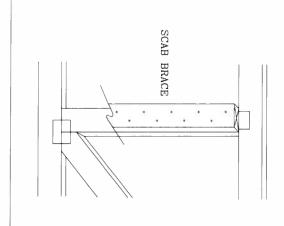


T-BRACE

L-BRACE

SCAB BRACING:

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



THE THETALL THE AND	WIR R. Flo	1	DRAWING RE	PLACES	THIS DRAWING REPLACES DRAWING 579,640
PING, INSTALLING AND ISHED BY TPI (TRUSS	MAN SON SENSE	TC LL	PSF REF	REF	CLB SUBST.
RIOR TO PERFORMING ERLY ATTACHED	No.59687	TC DL	PSF	DATE	DATE 11/26/03
ID CEILING.	*	BC DL	PSF	DRWG	PSF DRWG BRCLBSUB1103
IGN; ANY FAILURE TO	STATE OF CENT	BC LL	PSF	-ENG	-ENG MLH/KAR
CNATIONAL DESIGN SPEC, S/K) ASTM A653 GRADE _ESS OTHERWISE LOCATED TILL DWFD RY (1) SHALL	OR CORD NAME OF THE PARTY OF TH	TOT. LD.	PSF		
DESIGN SHOWN. THE	THE PERSON NAMED IN COLUMN	DUR. FAC.			
TITY OF THE BUILDING		SPACING			



WAVARRING* TRUSSES REDUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPII BRACING. REFER TO BESI 1-03 GBULDING COMPONENT SAFETY NEGRANIONA, PUBLIS PLATE INSTITUTE, 583 D'INDERTIO DE, SUITE 200, HADISIN, W. 153719) AND WICA (1) OF AMERICA, 6300 ENTERPRISE IN, HADISIN, WI 53719) FOR SAFETY PRACTICES PRI THESE FUNCTING. UNLESS OTHERWISE INDICATED, TIP CHORD SHALL HAVE PROPER STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID

***MPDRTANT** FURNISH CDPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. AL PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN BUILD THE TRUSS IN CONFERENANCE WITH TPJ, OR FABRICATING, HANDLING, SHIPPING, BRACHEG OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS ON BY AF\$PA) AND TPJ. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/1666 AVH.X.7.40/60 (AVK.M.S.) 664. V. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS ON THIS DESIGN, POSITION FER DRAVINGS 1600-Z. ANY INSPECTION OF PLATES FOLD BY ARREST ANNEX AS OF TPJ 1-2002 SEC. 3. A SEAL ON THIS DRAVING INDICATES ACCOUNTY OF THIS CONFORMER OF THIS CONFORMER OF THIS CONFORMER OF THIS CONFORMER OF THE TRUSS COMPONENT DESCRIPTION OF THIS CONFORMER OF THE TRUSS COMPONENT DESCRIPTION OF THIS CONFORMER OF THIS CONFORMER OF THIS CONFORMER OF THE TRUSS COMPONENT DESCRIPTION OF THIS CONFORMER OF THE TRUSS COMPONENT DESCRIPTION OF THIS CONFORMER OF THE TRUSS COMPONENT DESCRIPTION OF THIS CONFORMER OF THIS CONFORMER OF THIS CONFORMER OF THE TRUSS COMPONENT DESCRIPTION OF THIS CONFORMER OF THE TRUSS COMPONENT DESCRIPTION OF THIS CONFORMER OF THE TRUSS COMPONENT DESCRIPTION OF THE TRUSS COMPONENT DESCRIPTION OF THIS CONFORMER OF THE TRUSS COMPONENT DESCRIPTION OF T

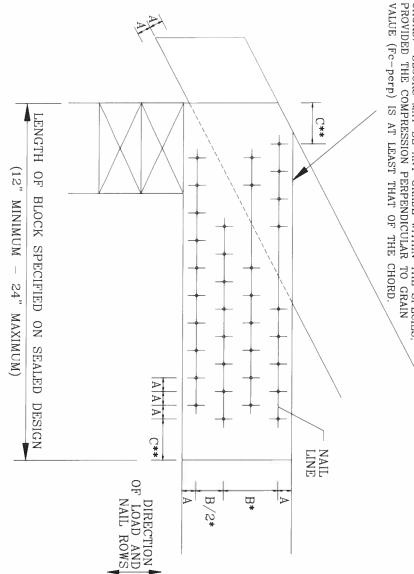
BEARING BLOCK NAIL SPACING DETAIL

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

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

튁 • SPACING MAY BE REDUCED
• SPACING MAY BE REDUCED SOME SPACING MAY BE REDUCED
) BY 50%
) BY 33% BY THE AMOUNTS GIVEN BELOW:

BEARING BLOCK TO BE SAME SIZE AND SPECIES AS BOTTOM CHORD. BLOCKS MAY BE ANY GRADE WITHIN THE SPECIES, PROVIDED THE COMPRESSION PERPENDICULAR TO GRAIN





ALPINE

MAXIMUM NUMBER OF NAIL LINES PARALLEL TO GRAIN

														_
0.131"x3.0" GUN	0.120"X3.0" GUN	0.131"X2.5" GUN	0.120"X2.5" GUN	16d COMMON (0.162"X3.5")	12d COMMON (0.148"X3.25")	10d COMMON (0.148"X3")	8d COMMON (0.131"X2.5")	20d BOX (0.148"X4")	16d BOX (0.135"X3.5")	12d BOX (0.128"X3.25")	10d BOX (0.128"X3")	8d BOX (0.113"X2.5")	NAIL TYPE	
ω	ယ	ω	ω	20	N	20	ω	N	ω	ω	ω	ω	2X4	
5	6	57	6	4	4	4	ر ت	4	51	SI	5	6	2X6	CHORD
7	8	~	8	0	0	6	7	51	7	7	7	9	2X8)RD SIZE
10	11	10	11	8	8	æ	10	6	10	10	10	12	2X10	ZE
12	14	12	14	10	10	10	12	8	12	12	12	15	2X12	

MINIMUM NAIL SPACING DISTANCES

		DISTANCES	
NAIL TYPE	Α	В*	C**
8d BOX (0.113"X2.5")	3/4"	1 3/8"	1 3/4"
10d BOX (0.128"X3")	7/8"	1 5/8"	2,
12d BOX (0.128"X3.25")	7/8"	1 5/8"	2.
16d BOX (0.135"X3.5")	7/8"	1 5/8"	2 1/8"
20d BOX (0.148"X4")	1"	1 7/8"	2 1/4"
8d COMMON (0.131"X2.5")	7/8"	1 5/8"	2,
10d COMMON (0.148"X3")	1"	1 7/8"	2 1/4"
12d COMMON (0.148"X3.25")	1"	1 7/8"	2 1/4"
16d COMMON (0.162"X3.5")	1	8,	2 1/2"
0.120"X2.5" GUN	3/4"	1 1/2"	1 7/8"
0.131"X2.5" GUN	7/8"	1 5/8"	ಬ್ಜ
0.120"X3.0" GUN	3/4"	1 1/2"	1 7/8"
0.131"x3.0" GUN	7/8"	1 5/8"	25

THE R. DRAWING REPLACES DRAWING B139 AND CNBRGBLK0699

CENSE No. 59687

TE OF

9 ≯ ™mmm

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

ASCE ~1 .98: 110 MPH WIND SPEED, Ġ MEAN HEIGHT, ENCLOSED, П 1.00, EXPOSURE \bigcirc

BRACING GROUP SPECIES

AND

GRADES

DOUGLAS FIR-LARCH

SOUTHERN PINE #3

STUD

STANDARD STUD

GROUP

₩

#1 & BTR HEM-FIR #1 / #2 STANDARD

STUD

#3

STANDARD

STUD

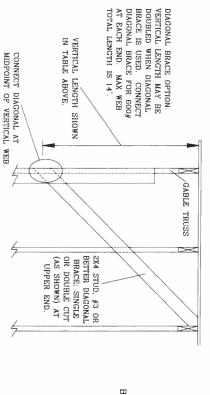
SPRUCE-PINE-FIR

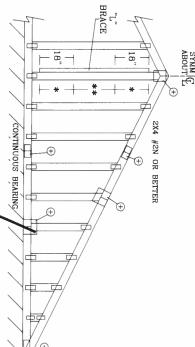
GROUP

A

HEM-FIR

	-	M	A	X	7	(J.	4]	3	L	E		V	E	F	Γ.	Ï	С	A	L		L	E	N	1(٦٢ . ل	ГΗ	
	1	2	,,		0	. (<u> </u>			1	6	,,	_	0	. (<u> </u>			2	4	,,		0) . (С		SPACING	GABI
		j 1	 '\]	TII	I I	CIT	Ω J J]	U T	<u> </u>	TIT	I,	OLL			DH.T	, 1	₩.) J	TIL	I I	770	Ω J	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,	5.4"	1 1		4' 9"	4' 11"	4, 5,	4' 6"			4' 10"	1 "	4' 4"	4' 4"	4.	3, 10,	"	4. 0."	4 2"	4' 3"	3' 9"	3′ 9″		3' 10"	BRACES	N O
7, 5,	8, 5,	8, 5,	8 5"	8, 5,	7' 3"	-	8, 5,	8, 5,	6,	7' 6"	1	7' 8"			7' 4"		7' 8"		6' 1"	6, 2,	6' 8"	6' B"	5, 5,	6' 0"	6, 0,	6' 8"	GROUP A	(1) 1X4 "L"
7' 5"	8' 7"	8, 5,	9' 1"	9' 1"	7' 3"	8 5	8 5"	8' 8"	6, 5,	7' 6"	7' 7"	8, 3,	8 3		7' 4"	7' 4"	7' 10"	5	1	و 9	7' 2"		5' 2"		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"	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"
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"	8' 0"	8' 1"	8' 6"	8' 6"	6, 9	7' 11"	7' 11"	8' 1"	GROUP B	BRACE *
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"
- 1	12' 6"	12' 6"	12' 10"	12' 10"	11' 11"	11' 11"	11' 11"	12' 3"	11' 1"		11' 4"	11' 8"	11' 8"	10' 10"		10' 10"	11' 1"	9' 4"	9' 11"	9' 11"	10' 2"	10' 2"		9' 5"	- 1	9. 8.	GROUP B	BRACE
14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"		13′ 3″	14' 0"	14' 0"	14' 0"	14' 0"	12' 11"	14'0"	14′0"	14' 0"	10' 10"		12' 5"	- 1	- 1	10' 7"	12' 3"	- 1	12, 5,	GROUP A	** (1) 2X6 "L"
-	- 1	14' 0"		14' 0"	-	14' 0"	14' 0"	14' 0"	13' 3"	- 1	14' 0"		- 1	- 1	14′0″	14′0″	14'0"		12' 6"			13′ 5″	10' 7"	- 1	- 1	12' 9"	GROUP B	" BRACE *
-	14' 0"	٦.	14' 0"		- 1			14' 0"	- 1	- 1	- 1	14' 0"		- 1	14'0"	- 1		- 1		14' 0"	14' 0"	-1	14' 0"	-		14' 0"	GROUP A	(2) 2X6 "L"
-1	- 1	- 1	- 1	- 1	-1		- 1	14' 0"	- 1	14' 0"	- [- 1	- 1	14' 0"	- 1	- 1	- 1	- 1	14′0″			14' 0"	- "			14' 0"	GROUP B	BRACE **





GABLE TRUSS DETAIL NOTES:

SOUTHERN PINE

DOUGLAS FIR-LARCH

#2

#2

GABLE END SUPPORTS LOAD FROM 4' 0" OUTLOOKERS WITH 2' 0" OVERHANG, O PROVIDE UPLIFT CONNECTIONS FOR 80 PLF OVER LIVE LOAD DEFLECTION CRITERIA IS L/240. CONTINUOUS BEARING (5 PSF TC DEAD LOAD). 9 9 12

ATTACH EACH "L" BRACE WITH 10d NAILS.

PLYWOOD OVERHANG.

* 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. MEMBER LENGTH. "L" BRACING MUST BE A MINIMUM OF 80% OF WEB IN 18" END ZONES AND 6" O.C. BETWEEN ZONES

	_		_	_	
+ REFER TO COMMON TRUSS DESIGN FOR PEAK, SPLICE, AND HEEL PLATES.	GREATER THAN 11' 6"	GREATER THAN 4 0". BUT LESS THAN 11 6"	LESS THAN 4' 0"	VERTICAL LENGTH	GABLE VERTICAL PLATE SIZES
S DESIGN FOR PLATES.	2.5X4	2 X4	1X4 OR 2X3	NO SPLICE	TE SIZES

WHORDYANIAM FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FIR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONTRAMACE WITH TPI, OR FARRICARING, HANDLING, SHIPPING, INSTALLING BRACING OF TRUSSES. DESIGN CONTRIBAS WITH APPLICABLE PROVISIONS OF NOS (NATIONAL DESIGN SPEC, BY AFBA) AND TPI, ALPINE CONNECTIOR PLATES FOR PASS OF 2018/1668 (W.M.Y.XY.X. ASTH A653 GRADE OV.60 (W.K.H.S.) GALV. STEEL APPLY PLATES TO LACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY () SHALL BE PER ANNEX AS OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWNOR MIDDLENES 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 **AVARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TID BESI 1-03 (BUILDING CEMPENENT SAFETY INFRANTION), PUBLISHED BY TPI CTRUSS PLATE INSTITUTE, 593 (DURING ID), SUITE 200, MADISON, VI. 53719) AND VICA (VOID) TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, HADISON, VI. 53719) FOR SAFETY PRACTICES PRIDE TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHARD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHERD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

REFER

TO CHART ABOVE FOR MAX

ABLE VERTICAL LENGTH

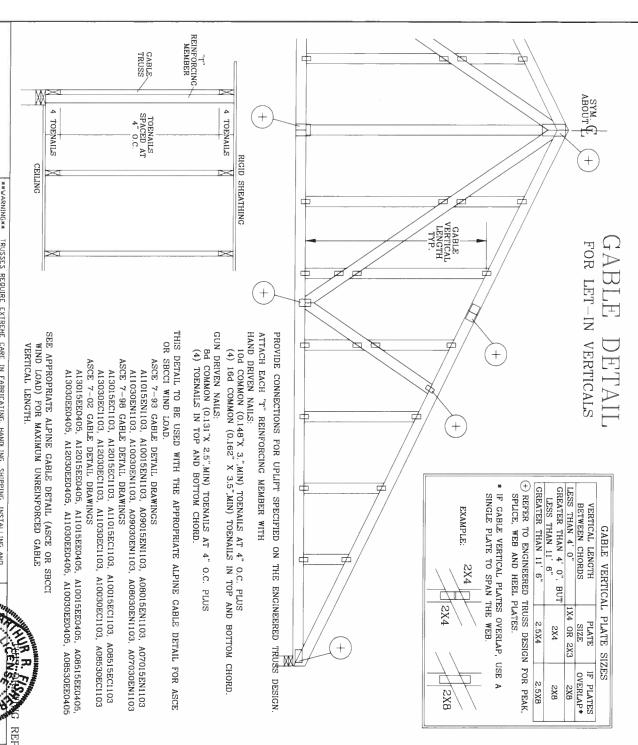
ALPINE ENGINEERED PRODUCTS, INC. POMPANO BEACH, FLORIDA

R, PER ANSI/TPI I

ALPINE

CENSE 60RIOP TATE OF ENER R ≯ MAX. MAX. SPACING TOT. LD. 60 24.0" PSF DATE -ENG

REF DRWG A11015EC1103 11/26/03ASCE7-98-GAB11015



TOENAIL 2X4 "T" REINFORCING MEMBER 2X6 "T"
REINFORCING
MEMBER TOENAIL

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. TO CONVERT FROM "L" TO "T" REINFORCING MEMBERS MULTIPLY "T" FACTOR BY LENGTH (BASED ON GABLE MEMBERS

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

WEB LENGTH INCREASE W/ BRACE

24 24 24 24 24	2x6	30 11
54 54 54 54 54		00 57
24 24 23	2x4	70 MPH
% % %	2x6	15 FT
24 24	2x4	70 MPH
%	2x6	30 FT
	2x4	80 MPH
10 % 30 %	2x6	15 FT
10 % 20 %	2x4	80 MPH
	2 x 6	30 FT
10 % 10 %	2x4	90 MPH
20 % 40 %	2x6	15 FT
	2x4	90 MPH
40 % 40 %	2x6	30 FT
10 % 10 %	2 x 4	100 MPH
30 % 50 %	2x6	15 FT
2 01 % 01	2x4	100 MPH
50 % 50 %	2x6	30 FT
10 % 10 %	2x4	110 MPH
40 % 50 %	2x6	15 FT
2 01 % 01	2x4	110 MPH
SBCCI ASCE	MBR. SIZE	AND MRH
	"T" BEINE	WIND SPRED

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

REPLACES DRAWINGS GAB98117 876,719 & HC26294035

					100		d
						REF	LET-IN VERT
						DATE 04/14/05	04
						DRWG GBLLETIN0405	GE
0.7%						-ENG DLJ/KAR	DI
	MAX	MAX TOT. LD. 60 PSF	LD.	60	PSF		
	DUR.	DUR. FAC.		ANY			
	MAX	MAX SPACING 24.0"	ING	24	.0"		

ALPINE ENGINEERED PRODUCTS, INC. POMPANO BEACH, FLORIDA

WALMARDETANIAM FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. A PINE EMINETEED PRODUCTS, NO., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FORM THIS DESIGN, WAY FAILURE TO BRAIL FOR THE TRUSS IN CONFIDENANCE WITH THIS OR FARRICATIO. FROM THIS DESIGN WAY FAILURE TO BRAIL FOR THE TRUSSES DESIGN CONFIDENCE WITH THE PROPUSION OF MUS CHATIDNAL DESIGN SPEC. BY AFFAN AND THE APPINE CONNECTION PLATES IN THE PROPUSION OF MUS CHATIDNAL DESIGN SPEC. BY AFFAN AND THE APPINE CONNECTION PLATES IN THE PROPUSION WASTH ASSISTED AND THE MUST CONNECTION FOR THE PROPUSION OF THE APPINE WASTH ASSISTED AND THE PROPUSION OF THE BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TP I SEC. 2

WAVARHING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACKING. REFER TO BCSI 1—3 CBUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TP! (TRUSS PLATE INSTITUTE, 583 D'OND'RIC DR., SUITE 200, HADISON, VI. 53719) AND VTCA VOODD TRUSS COUNCIL DE AMERICA, 6300 ENTERPRISE I.N, MADISON, VI. 53719) FOR SAFETY PRACTICES PRIDE TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHARD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED

No. 59687

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STATE OF CORIOR

ENER MINI

ALPINE

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

		M	A	X	-	(J.	<u> </u>	3	L	E		V	E	R	Υ.	ľ	С	A	L		L	E	\	1(7 T	ГΗ	
	1	2	,,		0	. (<u> </u>	,		1	6	,,		Ο	. (~ 			2	4	,,		С) . (C	•	SPACING	LIBAD
	LHL	1	<u>ر</u>) J	TIT	I	SIL	275		LH.L	j 	<u>ر</u>) j	TTT	I I	OKI	בבני			1	<u>V.</u>)	TIT	I I	STI	277	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."	σ <u>ι</u>	1 "	4' 9"	4' 9"	4, 9,	4' 11"	4' 5"	4' 6"	4' 6"	4' 9"	4' 10"	4' 4"		4' 4"	4, 5,	3' 10"	4' 0"	4, 0.	4 2"	4.3"	3' 9"	3' 9"	3' 9"	3' 10"	BRACES	N O
7, 5,	1	8.	8,	8,	7' 3"	8, 5,	8,	8, 5,	6' 5"	7' 6"	7' 7"	7' 8"	7' 8"	6,4"	7' 4"	7' 4"	7' 8"	5 3	6, 1,	ල දු	6' 8"	6'8"	5, 5,	6' 0"	6' 0"	6' 8"	GROUP A	(1) 1X4 "L"
7, 5,	8' 7"	8, 5,	9' 1"	9' 1"	7' 3"	8,	8, 5,	8' 8"	6, 5,	7' 6"	7' 7"	8' 3'	8, 3,	6' 4"	7' 4"	7' 4"	7' 10"		6' 1"	ල හ	7' 2"	7' 2"	හ <u>ු</u>	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"	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"
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"	8' 0"	8' 1"	8' 6"	8' 6"	6' 9"	7' 11"	7' 11"	8' 1"	GROUP B	" BRACE *
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"	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"	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' 5"	9' 8"	GROUP B	BRACE **
14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14'0"	14'0"	14' 0"	13' 3"	14' 0"	14' 0"	14' 0"	14'0"	12' 11"		14' 0"	14' 0"		"	12' 5"	٦	- 1	10' 7"	12' 3"	-	12' 5"	GROUP A	(1) 2X6 "L"
14' 0"	"	14′0″	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	13' 3"	- 1	14' 0"	14' 0"	14' 0"	12' 11"	14' 0"	14' 0"	14' 0"	10' 10"		- 1	-1	13' 5"	10' 7"	12' 3"	12' 4"	12' 9"	GROUP B	" BRACE *
14' 0"	"	14' 0"	14' 0"	14' 0"		14' 0"			- 1	14' 0"	- 1	14' 0"	14' 0"	14' 0"	14' 0"	- 1	- 1	14′0"			- 1	- 1	14' 0"	- 1	14' 0"	14' 0"	GROUP A	(2) 2X6 "L"
14' 0"	14' 0"		14′0"		14' 0"	14' 0"	- 1	- 1	- 1	14' 0"	- "	- 1	14' 0"	14' 0"	- 1			- 1			- 1	- 1	14' 0"		14' 0"	14' 0"	GROUP B	BRACE **

DOUGLAS FIR-LARCH

SOUTHERN PINE #3

STANDARD STUD

STANDARD

STUD

GROUP B: HEM-FIR

SPRUCE-PINE-FIR #1 / #2 STANDARD

STUD

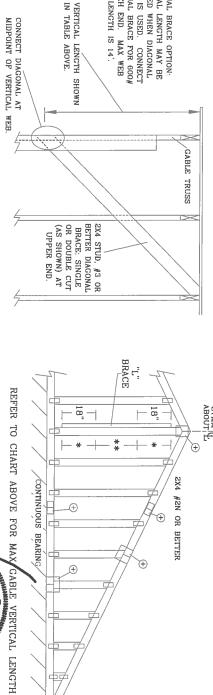
3 2

STANDARD STUD BRACING GROUP SPECIES AND GRADES:

GROUP

A

HEM-FIR



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

TOTAL LENGTH IS 14".

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. GABLE END SUPPORTS LOAD FROM 4' 0"
OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" MEMBER LENGTH. PROVIDE UPLIFT CONNECTIONS FOR 80 PLF OVER CONTINUOUS BEARING (5 PSF TC DEAD LOAD). "L" BRACING MUST BE A MINIMUM OF 80% OF WEB LIVE LOAD DEFLECTION CRITERIA IS L/240. PLYWOOD OVERHANG. IN 18" END ZONES AND 6" O.C. BETWEEN ZONES

GABLE TRUSS DETAIL NOTES

SOUTHERN PINE

DOUGLAS FIR-LARCH

#2

2

PEAK SPIJCE AND HEEL PLATES	+ REFER TO COMMON TRUSS DESIGN FOR	GREATER THAN 11' 6"	LESS THAN 11' 6"	LESS THAN 4' 0"	VERTICAL LENGTH	GABLE VERTICAL PLATE SIZES
PI ATES	DESIGN FOR	2.5X4	2X4	1X4 OR 2X3	NO SPLICE	E SIZES

PRIDUCTS, NC., SHALL ALT BE RESPONSIBLE OF ANY BEVIATION FOR HIS DESIGN, ANY FAILURE TO PRIDUCTS, NC., SHALL ALT BE RESPONSIBLE OF ANY BEVIATION FOR HIS DESIGN, ANY FAILURE TO BE AND BUILD THE TRUSS. SHALL ALT BE RESPONSIBLE OF ANY BEVIATION FOR SHEPING, INSTALLING BRICK HIS DESIGN SEED AND THE TRUSSES. DESIGN CONFEDENCE VITH APPLANDED FOR SHEPING, INSTALLING SPEC, BY AFENN AND THE APPLANDE CONFIDENCE OF ANY BEST AND AND THE APPLANDES DEVIATED PLATES ARE AND THE APPLANDED OF ASTR AGGING BROKE ON THIS DESIGN AND THE APPLANDES OF ANY BALLEY BROKE OF ANY BOAT AND ASTR AGGING BROKE ON THIS DESIGN AND ANY BALLEY BALLEY AND THE APPLANDED BY SHALL BROKE OF ANY BALLEY BROKE OF THIS DESIGN AND AND THE ADDRESS OF ANY BALLEY BROKE OF THIS DEPONDENT DESIGN SHOWN THE SUITED AND ASTR AGGING SHOWN THE SUITED AND ASTR AGGING SHOWN THE SUITED AND ASTR AGGING SHOWN THE BUILDING IS THE RESPONSIBILITY OF THE BUILDING BROKEN, PER ANSI/TPI I SEC. 2 CENSON JRIOT HEM CENSE **y**6.59687 * MAX. MAX. TOT. SPACING LD 60 24.0" PSF DATE REF DRWG A11015EE0405 04/15/05 ASCE7-02-GAB11015

***WARNHOR** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACKING. REFER TO BESI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONDERIO DR., SUITE 200, HADISON, VI 53759 AND VICA (VODO TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, HADISON, VI 53759 FOR SAFETY PRACTICES PRIDR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERVISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

ALPINE

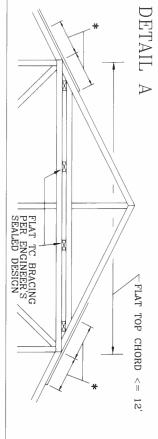
PIGGYBACK DETAIL

100 MPH WIND, 30.00 FT MEAN HGT, ASCE 7-02, CLOSED BLDG, LOCATED ANYWHERE IN ROOF, CAT II, EXP C, WIND TC DL=5.0 PSF, WIND BC DL=5.0 PSF.

80 MPH WIND, 30.00 FT MEAN HGT, SBC, ENCLOSED BLDG, LOCATED ANYWHERE IN ROOF WIND TC DL=5.0 PSF, WIND BC DL=5.0 PSF.

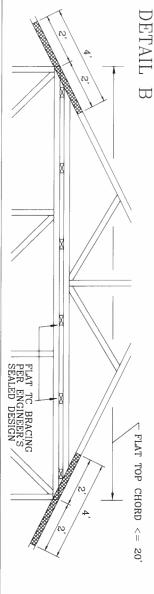
100 MPH WIND, 30.00 FT MEAN HGT, ASCE 7-98, CLOSED BLDG, LOCATED ANYWHERE IN ROOF, CAT II, EXP. C, WIND TC DL=5.0 PSF, WIND BC DL=5.0 PSF.

NOTE: TOP CHORDS OF TRUSSES SUPPORTING PIGGYBACK CAP TRUSSES ANCHORAGE TO PERMANENTLY RESTRAIN PURLINS. MUST BE ADEQUATLY BRACED BY SHEATHING OR PURLINS. PROVIDE DIAGONAL BRACING OR OTHER SUITABLE



PIGGYBACK CAP TRUSS TOENAILED TO ALL TOP CHORD BRACING WITH (2) 10d COMMON (0.148"x3") NAILS.

* 12" MIN RIGID SHEATHING OVERLAP WITH 8d COMMON (0.131"x2.5") OR GUN NAILS IN OVERLAP ZONE SPACED AT 4" O.C.

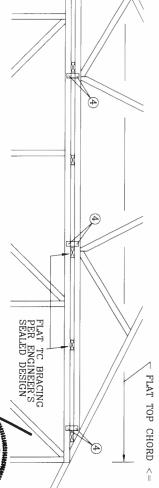


PIGGYBACK CAP TRUSS TOENAILED TO ALL TOP CHORD BRACING WITH (2) 10d COMMON (0.148"X3") NAILS AND SECURED WITH 2X4 #3 GRADE SCAB (1 SIDE ONLY) ATTACHED WITH 10d COMMON NAILS AT 4" O.C.

CAP TRUSS TOENAILED TO TOP CHORD CIRCLED NUMBER INDICATES REQUIRED BRACING NUMBER AND SECURED WITH 3X8 TRULOX PLATES (EACH FACE) AT EACH END AND AT 1/3 POINTS. OF 0.120" X 1.375" NAILS PER FACE. SEE DRAWING 160TL FOR TRULOX INFORMATION. FLAT TOP CHORD <= 30

DETAIL

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Z8" X 8" X'1/2" RATED SHEATHING GUSSETS (EACH FACE) MAY BE USED IN LIEU OF TRULOX PLATES, ATTACH WITH (8) 8d COMMON NAILS PER GUSSET, (4) IN CAP BC AND (4) IN BASE TRUSS FLAT TC.

THIS DRAWING REPLACES DRAWINGS 581,670 & 961,860

ALPINE ENGINEERED PRODUCTS, INC. POMPANO BEACH, FLORIDA		ALPINE	\ /	>
BE PER ANN	BY AF&PA) /	PRODUCTS, I	THESE FUNC	PLATE INSTI

***MARNING** TRUSSES REDUIRE EXTREME CARE IN FABRICATING, HANDLING, SHPPING, INSTALLING AND BRACING REFER TO BEST 1–102 (BUILDING CHPINNENT SAFETY INCRRANTION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONDFRIO DE, SUITE 200, MADISON, VI. 53719) AND VICA (VOIDD TRUSS CIDUACIL OF AMERICA, 6300 ENTERPRISE LA, MADISON, VI. 53719) FOR SAFETY PRACTICES PRIDE TO PERFORNING THESE FUNCTIONS. UNLESS OTHERVISE INDICATED, THE CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

DUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION CONTRACTOR. ALPINE ENGINEERED DUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION READ THIS DESIGN, ANY FAILURE TO ACING OF TRUSSES. DESIGN CONFIDENCE WITH THIS OF REPROVISIONS OF NOS CHATIONAL DESIGN CONFIDENCE WITH APPLICABLE PROVISIONS OF NOS CHATIONAL DESIGN CONFIDENCE WITH APPLICABLE PROVISIONS OF NOS CHATIONAL DESIGN SECOND FOR A NON THE ALPINE CONFIDENCE WITH APPLICABLE PROVISIONS OF NOS CHATIONAL DESIGN SECOND FOR A SECOND FOR

CENS SWATE OF No.59687 CORIOR BC LL TCВС SPACING TOT. TCDUR. FAC. DL H DL IJ. MAX 24.0" 1.15 60 PSF PSF PSF PSF REF DATE DRWG DLJ/KAR PIGBACKA0405 04/14/05 PIGGYBACK

TOP CHORD 2X4 2X4 2X4 ### 372 9 9 8 8 BETTER BETTER BETTER

PIGGYBACK

REFER TO SEALED DESIGN FOR DASHED PLATES

SPACE PIGGYBACK VERTICALS AT 4' OC

PIGGYBACK BOTTOM CHORD MAY BE OMITTED. TRUSS TOP CHORD WITH 1.5X3 PLATE. TOP AND BOTTOM CHORD SPLICES MUST BE STAGGERED SO THAT ONE SPLICE IS NOT DIRECTLY OVER ANOTHER. ATTACH VERTICAL WEBS

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: BLDG,

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

130 MPH WIND, BLDG, LOCATED WIND TC DL=5 F O ANYWHERE IN F PSF, WIND BC D T, ASCE 7-98, ROOF, CAT II, DL=5 PSF CLOSED EXP. C,

To _B_ -8" X 8" X 1/2" RATED SHEATHING GUSSETS (EACH FACE) MAY BE USED IN LIEU OF TRULOX PLATES, ATTACH WITH (8) 6d BOX (0.099"X 2.",MIN) NAILS PER GUSSET. (4) IN CAP BC AND (4) IN BASE (4) 6d BOX (0.099"X 2.", MIN) NAILS

TRUSS FLAT TC.

JOINT D > H C В 4X6 5X4 .5X3 4X6 2X4 30′ OR 3X6 TRULOX AT 4' ROTATED VERTICALLY 2.5X4 SPANS UP 5X5 5X6 34, 1.5X4 2.5X4 5X5 5X6 38 TO 5X6 5X6 3X5 52 OC,

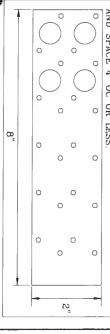
FRONT FACE (E,*) PLATES MAY BE OFFSET FROM BACK FACE PLATES AS LONG AS BOTH FACES ARE SPACED 4' OC MAX. 20' FLAT TOP CHORD MAX SPAN 7YP A A ₩ SPLICE A A Ш 型 MAX SIZE OF 2X12 #2 OR BETTER 型 ₩ 垃 4 В TYP. 炐 妇 D-SPLICE 妇 妇 烛 妇 娃 村 烛 C 烛 C 烛 /da 烛C 炖C

LOCATION IS
ACCEPTABLE

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

C	C				
	10' TO 14'	7'9" TO 10'	0' TO 7'9" NO BRACING	WEB LENGTH	
* PIGGYBACK SPECIAL PLATE	ZX4 "T" BRACE. SAME GRADE, SPECIES AS WEB MEMBER, OR BETTER, AND BOZ LENGTH OF WEB MEMBER. ATTACH WITH 16d BOX (0.135"X 3.5",MIN) NAILS AT 4" OC.	7'9" TO 10' MEMBER, OR BETTER, AND 80% LENGTH OF WEB MEMBER. ATTACH WITH 8d BOX (0.113"X 2.5", MIN) NAILS AT 4" OC.	NO BRACING	REQUIRED BRACING	WEB BRACING CHART

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 I AND SPACE 4' OC OR LESS. FACE



AUR THE COLONING REPLACES DRAWINGS 634,016 634,017 æ 847,045

	ATED	7,F			ř	<u>-</u> '00
	C I SONAL EX	S CONTRACTOR OF THE CONTRACTOR	C PLOBION SERVING	STATE OF	No. 59687	TAN TON TON
1.15 DUR. FAC.	47 PSF AT	1.60 DUR. FAC.	50 PSF AT	1.33 DUR. FAC.	55 PSF AT	MAX LOADING
			-ENG	DRWG	DATE	REF
			DLJ/KAR	PIGBACKB0405	04/14/05	PIGGYBACK
		47 PSF AT 1.15 DUR. FAC.	TED OCT TO TOWN ON AL END	C. OCT DE CORION LES	STATE OF 50 PSF AT -ENG 1.15 DUR. FAC. Ct Ct Ct Ct Ct Ct Ct Ct	STATE OF LOGONAL FROM 1.15 DUR. FAC. OCT 1.25 DUR. FAC. 1.15 DUR. FAC. 1.15 DUR. FAC. 1.15 DUR. FAC.



MAX 12

*ATTACH

12

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AVARNING TRUSES REDUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BOSI 1-03 (BUILDING COMPONENT SAFETY INFEMATION, PUBLISHED BY TPY (TRUSS PLATE INSTITUTE, 583 DYNOBERIO DA, SUITE 200, MADISON, VI 53719) AND VTCA (VEIDD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, VI 53719) FOR SAFETY PRACTICES PRIDE TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE NOIGHTED, TIPP CHIRDD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED RIGID CEILING.

PIGGYBACK WITH 3XB TRULOX OR ALPINE PIGGYBACK SPECIAL PLATE.

WHORRTANI'S 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 CONDENHANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING BRACTING OF TRUSSES. DESIGN CONFIDENS WITH APPLICABLE PROVISIONS OF NDS CHATCHAN, DESIGN SEED AND THE LAPINE CONNECTION PLATES ARE MADE OF 20/18/1564 CV,H/X/X ASTH A652 GRADE AV/60 CV,K/H,S) GALV STEEL APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCAL MISS DESIGN, POSITION PER PROVINCIS 160A-Z. ANY INSPECTION OF PARTES FOLLOWED BY (1) SHALL BE PER ANNEX AJ OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAVING INDICATES ACCEPTANCE OF PROFESSIONAL RIGHNERING RESPONSIBILITY SILELY FOR THE TRUSS COMPONENT DESIGN SHOWN THE SUITABILITY AND USE OF THIS DEDMENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING IS THE RESPONSIBILITY OF THE BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, FER ANSI/TPI I SEC. 2