Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844 Florida Engineering Certificate of Authorization Number: 567 Florida Certificate of Product Approval # FL1999 Document ID:1SYS487-Z0111082519 Page 1 of 1

Truss Fabricator: Anderson Truss Company

Job Identification: 6-261--GARY JOHNSON Tillotson -- , **

Truss Count: 46

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

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

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

Minimum Design Loads: Roof - 32.0 PSF @ 1.25 Duration

Floor - N/A

Wind = 110 MPH ASCE 7-02 -Closed

Notes:

- 1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
- 2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.

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

Details: -

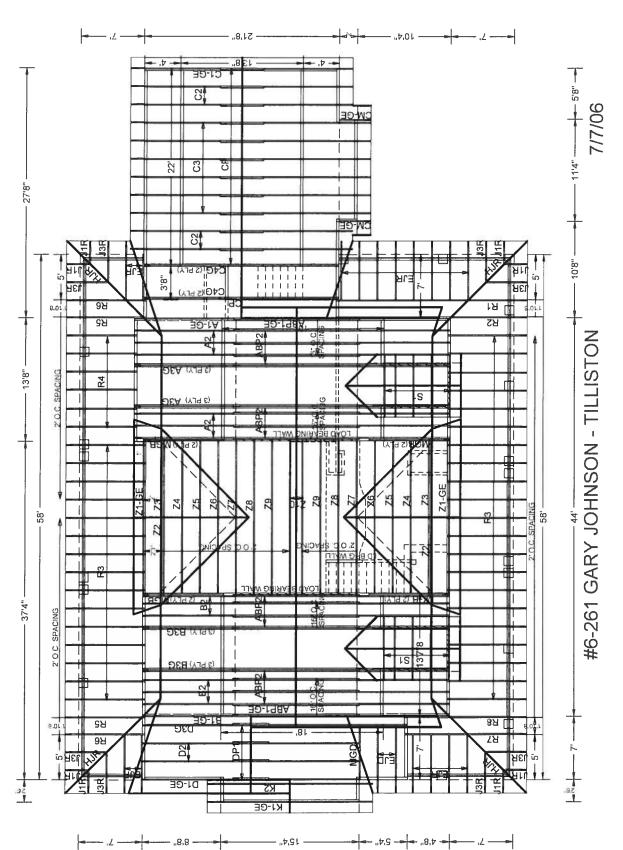
		and the second s		
	#	Ref Description	Drawing#	Date
	1	44831A1-GE	06191003	07/10/06
i	2	44832 A2	06191004	07/10/06
1	3	44833 A3G	06191005	07/10/06
	4	44834B1-GE	06191006	07/10/06
	5	44835 B2	06191007	07/10/06
	6	44836B3G	06191008	07/10/06
	7	44837C1-GE	06191009	07/10/06
	8	44838C2	06191010	07/10/06
i	9	44839C3	06191011	07/10/06
ı	10	44840 C4G	06191012	
ı	11	44841CM-GE	06191013	
	12	44842D1-GE	06191014	07/10/06
I	13	44843 D2	06191015	07/10/06
ı	14	44844D3G	06191017	07/10/06
١	15	44845 MGD	06191016	07/10/06
ı	16	44846EJD	06191001	
ı	17	44847 HJR	06191021	07/10/06
ı	18	44848EJR	06191020	07/10/06
	19	44849 J3R	06191019	07/10/06
ı	20	44850J1R	06191018	07/10/06
ı	21	44851K1-GE	06191040	07/10/06
ı	22	44852K2	06191039	07/10/06
ı	23	44853MGB	06191038	07/10/06
ı	24	44854ABP1-GE	06191041	07/10/06
ı	25	44855 ABP2	06191042	07/10/06
١	26	44856 CP	06191043	07/10/06
١	27	44857 DP1	06191044	07/10/06
ı	28	44858R1	06191045	07/10/06
ı	29	44859 R2	06191046	07/10/06
	30	44860 R3	06191023	07/10/06
ı	31	44861 R4	06191024	07/10/06
	32	44862 R5	06191022	07/10/06
	33	44863 R6	06191025	07/10/06
	34	44864 R7	06191026	07/10/06
	35	44865 R8	06191027	
	36	44866 S1	06191002	07/10/06

Seal Date: 07/11/2006

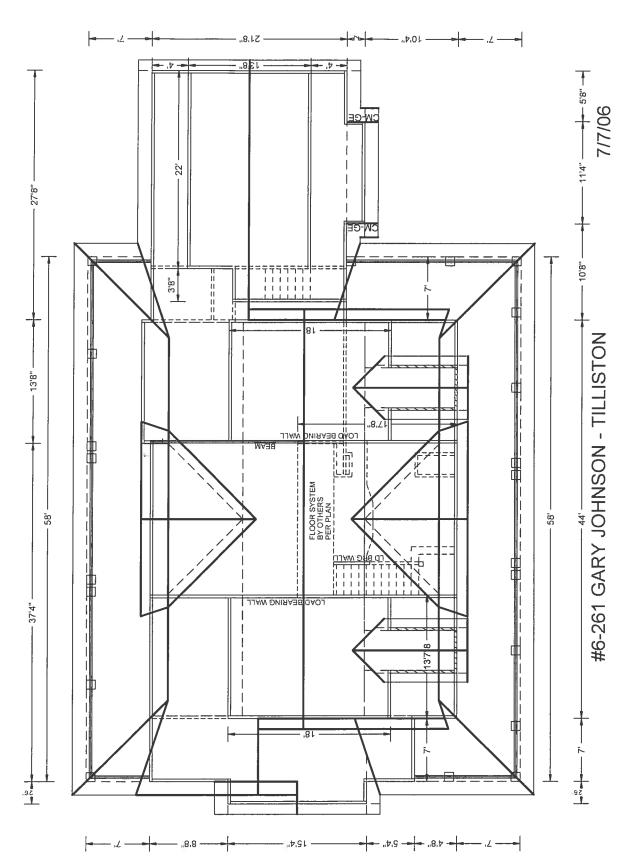
-Truss Design Engineer-Arthur R. Fisher Florida License Number: 59687 1950 Marley Drive Haines City, FL 33844

ı	#	Ret Description	urawing#	Date
	37	44867 Z1 - GE	06191035	07/10/06
	38	44868Z2	06191036	07/10/06
ļ	39	44869Z3	06191037	07/10/06
١	40	44870 Z4	06191028	07/10/06
۱	41	44871 Z5	06191029	07/10/06
١	42	44872Z6	06191030	07/10/06
ı	43	44873Z7	06191031	07/10/06
۱	44	44874Z8	06191032	07/10/06
١	45	4487529	06191033	07/10/06
	46	44876Z10	06191034	07/10/06





Scale: 3/32" = 1'



Scale: 3/32" = 1'

SPECIAL LOADS chord 2x6 SP #1 Dense :T1, T5 2x4 chord 2x10 SP #1 Dense :B3 2x4 SP Webs 2x4 SP #3 From From From From From From From From LUMBER 46 PL 46 PL 106 DUR.FAC.=1 at -1.00 at 8.96 at 26.37 Load -0.14 8.96 10.00 12.00 24.00 24.00 24.91 26.37 28.24 9.75 . 25 to) to) to 7 to 8.96 26.37 to PLATE # BUR.FAC. 474 474 574 C. =1.25)
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Truss designed for sleeping room only. No waterbeds permitted. Provide information to contractor, architect, and bldg owner. Trusses to be visibly stamped to indicate 30.00 psf MAX LL.

8X10 III 6X8₩

4 X 6 ≡

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

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 SP #3 or better scab brace. Same size & 80% length of ber. Attach with 10d Box or Gun (0.128"x3",min.)nails (@ 6" 00

Trusses to be spaced at 16.0" OC maximum.

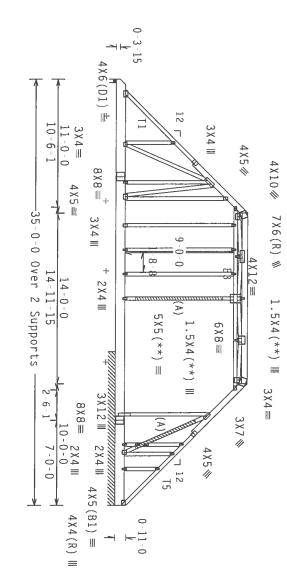
Collar-tie braced with continuous lateral bracing rigid ceiling. at 24"

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

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

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

See DWGS All015EE0405 & GBLLETIN0405 for more requirements



→9-1-8

R = 1761U=189 W=3.

> =250PLF U=27 PLF W=12-7-8

Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP.

Wave

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

WARNING IRUSSES BEODINE EXTREMÉ CARE IN FABRICATION. HANDEING. SHIPPING. INSTALLING AND BRACING. RETER TO BEST 1-03 (MULTOTHE COMPONENT SAFETY INFORMATION). PUBLISHED BY TPI (FRIESS PLAIE INSTITUTE. 583 D'OHOFRIO DR. SUITE ZOO, MADISON, HI 53719) AND MICA (MOND TRUSS COUNCIL OF ANTREA, 6300 ENTERPRISE LIN, HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNITESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED REGION CELLING.

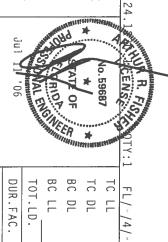
IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGLHERED PRODUCTS, THE STALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FABLURE TO BUILD THE HUSSES IN CONTRACHANCE WITH THE THE STALLING, AND THE APPLY DESIGN CONTROLS WITH APPLICABLE PROVISIONS OF 10DS (MATIONAL DESIGN SPEC, BY ATEMA) AND THE CONNECTION PARTS ARE AND CONTROLS AND THE CONNECTION PARTS AND THE STALLING AND SEELS.

APPLY PLATES TO EACH OF TRUSS AND, UNITSO DITEMESE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS AND THIS DESIGN AND SEELS AND THIS DESIGN OF PLATES TOLLOWED BY (1) SHALL HE FER AND TAX AS OF PLATES AND THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/1PT 1 SEC. 2.

Alpine Engineered Products, Inc. 1950 Marley Drive
Haines City, FL 33844
"Cate of on # 567

ALPINE



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PSF

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JB/AF

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1.25 16.0"

JRFF-

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PSF

DRW

HCUSR487 06191003

DATE REF

07/10/06

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Sca <u>—</u>

=.125"/Ft.

20.0 10.0 PSF

PSF

R487--

Top chord 2x6 SP #1 Dense :T1 2x6 SP #2:
:T5 2x4 SP #2 Dense:
Bot chord 2x8 SP SS :B2 2x10 SP #1 Dense:
:B3 2x4 SP #2 Dense:
Webs 2x4 SP #3
:Rt Slider 2x6 SP #2: BLOCK LENGTH = 1.500'
Calculated horizontal deflection is 0.10" due to live load and 0.17" due to dead load.
Trusses to be spaced at 16.0" OC maximum.

BC attic room floor loading: LL = 8-11-8 to 26-4-8.

40.00 psf;

) |-

10.00 psf;

from

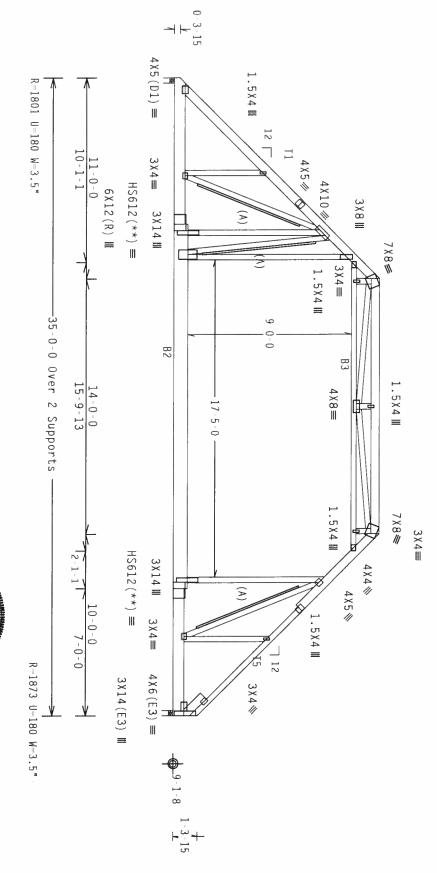
(**) 2 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

110 mph wind, 15.09 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) 1x4 SP #3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" 0C.

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

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



Design Crit: TPI-2002 (STD) /FBC 20 Gauge HS, Wave $\frac{Cq/RT=1.00(1.25)/10(0)}{Cq/RT=1.00(1.25)/10(0)}$ 7. ***MARNIG*** IRRISES REQUIRE CARE IN FARRICATION. HARDITAGE. SHIPPING, INSTALLING AND BRACEING PROPRIET OF MEDICAL OF ADDITIONAL SHIPPING CONFIDENCE SHIPPING

PLT TYP.

MANDORTANT*URBHISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

APPRODUCTS, INC. SHALL MOT BE RESOURS BEET ON ANY DEVIATION FROM THIS DESIGN:

ANY FALHER TO BRILD THE PRODUCTS, INC. SHIPPHE, INSTALLING A BRACING OF TRINSERS, OF STORY FALLER TO BE ANY FALLER TO BRILD THE PROSESS IN CONTRARMACE WITH PIE;

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OF

Alpine Engineered Products, Inc.

ALPINE

Haines City, FL 33844 Treate of / on # 567

No. 59687

No. 59687

TC LL 20.0

TC DL 10.0

STATE OF SEA BC DL 10.0

BC LL 0.0

TOT.LD. 40.0

DUR.FAC. 1.25

J			anin	CR Man	*	a ere ma
SNISVOS	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL
16.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JRFF 1SYSAR7 ZO1		SEQN- 115022	HC-ENG DAL/AF	DRW HCUSR487 06191004	DATE 07/10/06	REF R487 44832

Scale =.1875"/Ft.

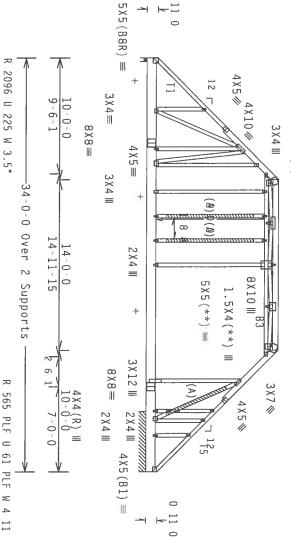
Top Bot chord 2x6 SP #1 Dense :T1, T5 2x4 SP #2 Dense: chord 2x10 SP #1 Dense :B3 2x4 SP #2 Dense: Webs 2x4 SP #3 *

SPECIAL LOADS From From From OS ER DUR.FAC.-1.25 / F 46 PLF at 8.96 t 46 PLF at 12.00 t 118 PLF at 12.00 t 118 PLF at 24.00 88 PLF at 24.90 106 PLF at 26.37 m 88 PLF at 26.37 m 13 PLF at 9.75 om 13 PLF at 0.06 om 13 PLF at 0.06 om 13 PLF at 26.3 m 13 PLF at 26.3 118 LB Conc. Load at 100 LB Conc. Load at 100 LB Conc. LUMBER at 8.96 at 26.37 E DUR.F/
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118 PLF 1 1 25)
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MEMBER TO BE LATERALLY BRACED FOR WIND LOADS TO TRUSS. BRACING SYSTEM TO BE DESIGNED AND FOTHERS. S PERPENDICULAR FURNISHED BY

8 X 9





0

Note: All Plates Are 1.5X4 Except As Shown.

TYP.

Wave

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

MARNING HOUSSES BYONING EXIBEME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, RETER TO BEST I DE (BUILDING COMPONENT SAFELY INFORMATION), PUBLISHED BY FIT (IRMSS PLATE INSTITUTE, 583 D'ONDFRIO DR., SUILE ZOD, MADISON, HI 53219) AND HICA (MOOD BRUSS COUNCIL OF AMFRICA, 5000 ENTERRESE LI, MADISON, HI 53719) FOR SAFELY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CETLING.

PRODUCTS, INC. SHALL ON BE RESPONSIBLE COR AND DEVALUATION CONTRACTOR. AND FAILURE TO BRILDE TO BRUILD THE RESENTERED FROM THE CORRECT WITH PT:

OR FARRICK THE DEVALUATE OF THE RESPONSIBLE COR AND STATE OF THE SECOND CORRECT OF THE RESERVENCE OF THE SECOND CORRECT OF THE SECOND CORRESPOND CORRECT OF THE SECOND CORRECT OR THE SECOND CORRECT OF THE SEC ** IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE THISTALLATION CONTRACTOR.

Alpine Engineered Products, Inc. 1950 Marley Drive
Hames City, FL 33844
"Gate of i on # 567

ALPINE

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

110 mph wind, 15.04 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.

SP #3 or better ber. Attach with scab brace. Same size & 80% length of web 10d Box or Gun (0.128"x3",min.}nails @ 6" 000

Trusses to be spaced at 16.0" OC maximum.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is $1.50\,\mathrm{.}$

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

W1)17 106		SI NA ENGLY	OF OF SERVICE	×	No.59687	B. UCENSE COLTY: 1	
DUR.FAC	TOT.LD.	BC LL	BC DL	TC DL	TC LI	FL/	

Scale =.125"/Ft.

			A CI	VEER	≯ mmn	mained
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL
16.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JRFF- 1SYS187 Z01		SEQN- 115112	HC-ENG JB/AF	DRW HCUSR487 06191006	DATE 07/10/06	REF R487 44834

BC attic room floor loading: LL = 40.00 psf; DL $8\mbox{-}11\mbox{-}8$ to $26\mbox{-}4\mbox{-}8.$ Calculated horizontal deflection is 0.09" due to live load and 0.20" due to dead load. :B3 2x4 SP #2 Dense:
Webs 2x4 SP #3
:Lt Slider 2x6 SP #2: BLOCK LENGTH =
:Rt Slider 2x6 SP #2: BLOCK LENGTH = Trusses to be spaced at 16.0" OC maximum PLT TYP. Alpine Engineered Products, Inc. 1950 Marley Drive chord 2x6 SP #1 Dense :T1, T5 2x4 SP chord 2x8 SP SS :B2 2x10 SP #1 Dense: Hames City, FL 33844 ficate of on # 567 ALPINE 3X14(E3) 20 Gauge HS $4 \times 6 (E3) \equiv$ 3 X 4 ∕ R=1779 U=180 W=3.5* 12 1.5X4 III Wave **MARNING** PRISTS RIQUIRE EXTREME CARE IN FARRICATION. MANDELING. SHIPPING. INSTALLING AND BRACING. REFER TO RESEL TO X (DUILDING COMPONENT SALLY INFORMATION), PUBLICHED SHE DE Y IPI (RRISS PLATE INSTITUTE. 583 D'OUDOURIO DR. SUITE ZOO. MADISON. WE 1537D) AND MICA (MODOD RRISS COUNCIL OF ARRICA, 6300 ENTERPRIST LM, MADISON, WE 1537D) AND MICA (MODOD RRISS COUNCIL OF ARRICA, 6300 ENTERPRIST LM, TADISON, WE 1537D) FOR SAFELY PRACIFICE PRIOR TO PERFORMING THESE THUCTIONS. UNITES OTHERWISE INDICATED, TOP CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CELLING. 3 X 4≡ ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF 1P11-20 DRAWLING INDICATES. ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY BUILDING DESIGNER PER ANSI/IPI 1 SEC. 2. 9-1-1 0-0-01 HS412 **∅** HS612(**) =6X12(R) Ⅲ T5 2x4 SP 3 X 1 4 III \otimes 4X10 / 1.500' 1.500' 3 X 8 Ⅲ SHITABILLIY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE 3 X 4≡ #2 Dense: Design Crit: TPI -2002 (STD) /FBC 7×8= 1.5X4 III 10.00 و -34-0-0 Over 2 Supports ò psf; 82 ВЗ Cq/RT=1.00(1.25)/10(0) 15-9-13 1.5X4 W 14-0-0 4 X 8 == H. K/H.S) GALV. STEEL. APPLY
N. POSTITION PER DRAWINGS 160A-Z
N. SEC. 3. A SEAL ON THIS
SOLELY FOR THE TRUSS COMPONENT 1.5X4 III Collar tie braced with continuous lateral bracing at 24" OC. rigid ceiling. 110 mph wind, 15.45 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 plate(s) require special positioning. Refer to so plate plot details for special positioning requirements. (A) 1x4 SP #3 or better "T" brace. 80% length of web member Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" 0C. 7 X 8 🐙 Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.3 X 4 ≡ HS612(**) 3 X 1 4 III 4×4// 4×5// CENS $3 \times 4 =$ lo. 59687 .5X4 **Ⅲ** 7-0-0 12 R=1837 U=180 W=3.5" 4X6(E3) ≡ 3X14(E3) || 3 X 4 // T5 BC LL BC Dt TC DL DUR.FAC. TOT.LD. דכ רר FL/-/4/-Refer to scaled /-/R/-40.0 10.0 20.0 1.25 10.0 PSF 0.0 PSF PSF PSF PSF REF SEQN-DATE HC-ENG DRW HCUSR487 06191007 Scale = .1875"/Ft. 9 R487--JB/AF 07/10/06 115012 44835

SPACING

16.0"

JRFF-

1SYS/A7 Z01

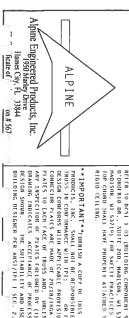
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Bot chord 2%8 SP SS :B2 2x10 SP #1 Dense:
:B3 2x4 SP #2 Dense:
Webs 2x4 SP #3:
Lt Slider 2x6 SP #2: BLOCK LENGTH = 1.6
:Rt Slider 2x6 SP #2: BLOCK LENGTH = 1.5
 t o
                                                                                                                                                                                                                                                                                                    SPECIAL LOADS
iteu of structural panels or rigid ceiling use purlins brace TC @ 24" OC, BC @ 24" OC.
                                                                                                                                                                                                                                                                                                                                                                                                                         chord 2x6 SP #1 Dense :T1 2x4 SP #2 Dense: 2x6 SP #2:
                                                                                                                                                                                                                                              From
                                                                                                                         From
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LB Conc.
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102 PLF at
145 PLF at
102 PLF at
145 PLF at
145 PLF at
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30
180
                                                   Load at 8.96
Load at 26.37
                                                                                                                           10.00
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8.96
10.00
24.00
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                                                                                                                                                                                                                                                                                                                                                Natiling Schedule:
Top Chord: 1 Row 6
Bot Chord: 1 Row 6
Webs: 1 Row 6
         Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.
                                                                                                                                      Calculated horizontal deflection is 0.15 \!\!\!^{\star} due to live load and 0.29 \!\!\!^{\star} due to dead load.
                                                                                                                                                                                      110 mph wind, 15.45 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.
                                                                                                                                                                                                                                                                                                            Nailing Schedule: (12d_Common_(0.148"x3.25"._min.)_nails)  
Top Chord: 1 Row @ 6.75" o.c.

Bot Chord: 1 Row @ 011.50" o.c.

Webs : 1 Row @ 4" o.c.

Repeat nailing as each layer is applied. Use equal spacing  
between rows and stagger nails in each row to avoid splitting.
                                                               Collar tie braced with continuous lateral bracing at 24"
                                                                                                                                                                                                                                                          (**) 2 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.
                                                                                                    Trusses to
                                                                                                    be spaced at 36.0" OC
                                                                                                                                                                                                                                                                                                                                                                                                TRUSSES REQUIRED
                                                                                                  maximum.
                                                                 00
```

3X14(E3) III $4 \times 6 (E3) =$ 3×4 ∕ 12 1.5X4 III 3X4≡ 10-0-0 HS612(**) =HS412 ₩ 3X14 III 3 X 4 ≡ 3X8 **Ⅲ** 34-0-0 Over 2 Supports 6X12(R) III 9 ₹3.5×4 III 15-9-13 4 X 8 ≡ [4-0-0 17-5-0 1.5X4 III 7 X 8 ⊯ $3 \times 4 =$ HS612(**) ≡ 3X14 III 5 X 6 // 4 X 5 // 1.5X4 III 3 X 4 ≡ 7-0-0 12 3×4// 8X8(E1) =9-1-8



TYP.

20 Gauge HS, Wave

Design Crit:

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

7.24

NENSE

TY:2

FL/-/4/-

/-/R/-

Scale =.125"/Ft. R487--

PSF

R=7057 U=776 W=3.5"

=4389 U=483 W=3

MARNIBG PROSESS REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO RESI 1-93 (BULIDING COMPONICHI SAFETY INFORMATION), PUBLISHED BY IPI (TRUSS PLATE INSTITUTE, 583) D'ONDERIO BR., SHITE 200, MADISON, HI 53719) AND MICA (MHOD TRUSS COUNCEL FOR ALBREAN, 5000 ENTERPRISE UN. HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMED HIESE FUNCTIONS. UNLESS OTHERNISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED.

IMPORTANTTURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGLHEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE TOW ANY DEVIATION FROM THIS DESIGN: ANY FALURE TO BUILD INC. RENOWLES, INC. ON WEARACH CHILD IN FRANCE AND THE FROM THE STALL INC A BRACLING OF TRUSSES. DESIGN CONTRACT WITH APPLICABLE PROVISIONS OF MOS (MAISONAL DESIGN APPEC, BY ALAD) AND THE CONTRACTS ARE AND OF 70/18/16/84 (M.19/5/) ASTALL AND APPLY AND ASTALL AND ASSALL AND SUITABILITY AND USE OF INIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

No. 99687 ATE OF * BC LL BC DL TC DL SPACING DUR.FAC. TOT.LD. TC LL 40.0 10.0 20.0 10.0 PSF 1.25 ٦6.0" 0.0 PSF

PSF

DRW HCUSR487 06191008

DATE REF

07/10/06

44836

PSF

SEQN-

115057

HC-ENG

JB/AF

JRFF-

1SYSAR7

Top chord 2x8 SP SS :T1, T7 :T2, T6 2x6 SP #1 Dense: Bot chord 2x10 SP #1 Dense Webs 2x4 SP #3 Note: All Plates Are 1.5X4 Except 777777 See DWGS All015EE0405 & GBLLETIN0405 for more requirements. Deflection factor for SPECIAL LOADS Alpine Engineered Products, Inc. TYP. From From From From LUMBER ALPINE meets L/360 live and L/240 total load. Creep increase dead load is 1.50. 20 Gauge HS, 110 1139 1110 1110 1139 1110 20 20 120 120 T7 2x4 SP #2 Dense: , Wave **IMPORTANT**rubbish a copy of this design to the installation contractor.

ALPINE ENGLISHED PRODUCTS. INC. SHALL BUT BE RESPONSIBLE FOR ARY DEFINATION FROM THIS DESIGN.

FROMETS IN COMPONENCE WITH BET:

BESIGN COMPONES WITH APPLICABLE PROVISIONS OF 1005 (MATIONAL DESIGN SPECE, BY AFRA) AND THE.

BESIGN COMPONES WITH APPLICABLE PROVISIONS OF 1005 (MATIONAL DESIGN SPECE, BY AFRA) AND THE.

CONNECTION PALES ARE ALDE OF 20/18/160A (P. 18/25) ASTH ASS GRADE 40/60 (K. KILS) GALV. SIEL.

APPLY

PARES TO EACH FACE OF TRUSS. AND. UNRESS OTHERWISE LOCATED ON 1115 DESIGN, POSITION PER BRAHINGS 160A Z.

ANY INSPECTION OF PLATES TOLOHOLD BY (1) SHALL HE PER ARMER AS OF THIS APOSY SEC.3.

ASSAULT BE SUITABLE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN IN THE SUITABLE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN IN THE SUITABLE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN IN THE SUITABLE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN IN THE SUITABLE PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN IN THE SUITABLE PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN IN THE SUITABLE PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN IN THE SUITABLE PROFESSIONAL TO THE SUITABLE PROFESSIONAL TO THE SUITABLE PROFESSIONAL THE SUITABLE PROFESSIONAL TO THE SUITABLE PROFESSIONAL TO THE SUITABLE PROFESSIONAL TO THE SUITABLE PROFESSIONAL THE SUITABLE PROFESSIONAL TO THE SUITABLE PROFESSIONAL THE SUITABLE PROFESSIONAL TO THE SUITABLE PROFESSIONAL THE SUITABLE PROFESSION **#ARNING** HRUSSES REQUIRE EXPREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, RELER TO BEST 1-03 (BUILDING COMPONENT SACTIVE HINORACHING, PUBLISHEND BY PET (TRUSS PLATE INSTITUTE, 583) D'HUMPRIO DR., SUITE 700, HADISON, HI 53719) AND HICA (MODO TRUSS COUNCIL OF MERICA, 6700 ENTERPRISE LH, MADISON, HI 53719) FOR SACTETY PRACTICES PRIOR TO PRECEDENTING THESE FUNCTIONS. HHLESS CHIMCHES HODICATED, TOP CHORD SHALL HAVE PROPERTY ATTACHED RIGHD CELLING. 231 HS2512(R) ₩ 3 X 4 ≡ PLF U-25 3X4 / As Shown. 4.25 7.06 8.37 14.33 17.33 23.13 13.21 0.00 4.25 17.33 21.58 23.13 6X6 / **8** X 8 ≡ Design Crit: PLF 3 X 4 ≡ W=21-7-0 12 21-7-0 3 X 1 0 III 5 X 6 (R) TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0) 1.5X4(**) Over $\widehat{\mathbb{R}}$ Continuous Support = 4-10-0 5 X 6 (R) \widehat{A} 3X10 III THE BUILDING DESIGNER IS RESPONSIBLE FOR THE DESIGN OF THE ROOF AND CEILING DIAPHRAGMS, GABLE END SHEAR WALLS, AND SUPPORTING SHEAR WALLS. SHEAR WALLS MUST PROVUDE CONTINUOUS LATERAL RESTRAINT TO THE GABLE END. ALL CONNECTIONS TO BE DESIGNED BY THE BUILDING DESIGNER. End verticals exposed to wind pressure. Deflection meets $L/240\,$ criteria for brittle and flexible wall coverings. (**) 2 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements. Collar-tie braced with continuous lateral bracing at 24" OC. rigid ceiling. (A) 1x4 SP #3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC. 110 mph wind. 15.00 ft mean hgt. ASCE 7-02. CLOSED bldg. Located anywhere in roof. CAT II. EXP B. wind TC DL≈5.0 psf, wind BC In lieu of structural panels or rigid ceiling use purlins to brace TC @ $24\,^{\circ}$ OC, BC @ $24\,^{\circ}$ OC. 3X4≡ HS2512(R) ∅ 6 X 6 // 1.5X4(**) Ⅲ THUR R. 16 3X4W CENSO 59687 3 X 4 ≡ * BC LL BC DL TC DL TC LL DUR.FAC. TOT.LD. FL/-/4/-40.0 20.0 1.25 10.0 PSF 10.0 PSF 0.0 PSF PSF PSF 07 DATE SEQN HC-ENG DRW HCUSR487 06191009 Scale R487--=.1875"/Ft. JB/AF 07/10/06 114837 44837 REV

icate of / 33844

SDACING

24.0"

JRFF-

ISYSIAZ

Top chord 2x6 SP #1 Dense :T2, T4 2x8 :T3 2x4 SP #2 Dense:
Bot chord 2x10 SP #1 Dense :B3 2x4 SP Webs 2x4 SP #3 #2 Dense: SP SS:

Calculated horizontal deflection 0.23" due to dead load. is 0.11" due to live load

and

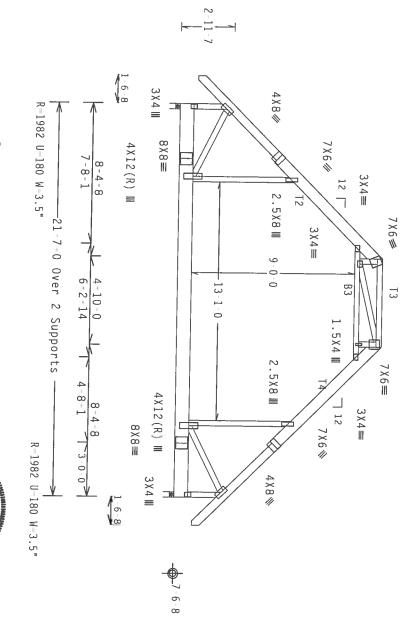
BC attic room floor loading: LL = 40.00 psf; DL $_{4\cdot3\cdot0}$ to $17\cdot4\cdot0$. 10.00 psf; from

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

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

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

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



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

PLT

TYP.

Wave

WARNING IRUSSES REQUIRE EXTREME CARE IN FABRICATION, IMABILING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-03 (BULIDING COMPOREN) BASE TO BEST 1-03 (BULIDING COMPOREN) BASE TO BEST 1-03 (BULIDING COMPOREN) BASE TO BEST 1-03 (BULIDING SAFETY BASE) BASE TO BEST 1-03 (BULIDING SAFETY BASE TO BEST 1-03) BUTCA (BOOD BURSS COUNCEL) OF AMERICA, 6300 EMTERPRISE LM, HADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMENCE HICS FUNCTIONS. UNILESS ONLICENTS INDICATED, TOP CHORD SMALL MAYE PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL MAYE A PROPERTY ATTACHED. RIGID CEILING.

IMPORTANT FIRMISH A COPY OF THIS DESIGN TO THE THENALATION CONTRACTOR.

APPRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE FROMETS. INC. SHALL NOT BE RESPONSIBLE FOR FROMETS. AND THE STATE OF THE SESSES.

DESIGN CONTROMS WITH APPLICABLE PROVISIONS OF 10S (INATIONAL DESIGN SPCC. BY ATAPA) AND THE APPLICABLE PROVISIONS OF 10S (INATIONAL DESIGN SPCC. BY ATAPA) AND THE APPLICABLE PROVISIONS OF 10S (INATIONAL DESIGN SPCC. BY ATAPA) AND THE APPLICABLE OF TACL OF THIS AND THE SESSESSIAN AND THE APPLICABLES OF TACL OF THIS AND THE SESSESSIAN AND TH DESIGN SHOWN. THE SUITABILITY AND BUILDING DESIGNER PER ANSI/IPI I SEC.

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

ALPINE

. 59687 ENSS * BC LL SUVEING BC DL TC DL TC LL DUR.FAC. TOT.LD. FL/-/4/-/-/R/-

.0 " 1.25 JREF 5YS4~

40.0

PSF PSF

SEQN-

114814

0.0

HC-ENG

JB/AF

10.0 PSF 10.0 PSF 20.0 PSF

DRW HCUSR487 06191010

DATE REF

07/10/06

Scale

=.1875"/Ft

R487---

Top chord 2x6 SP #1 Dense :T2, T4 2x8 SP SS: :T3 2x4 SP #2 Dense:
Bot chord 2x10 SP #1 Dense :B3 2x4 SP #2 Dense: Webs 2x4 SP #3

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

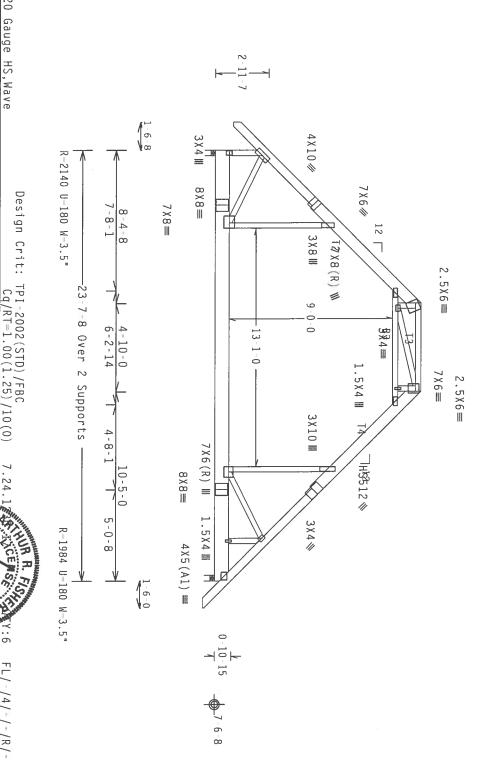
BC attic room floor loading: LL 4-3-0 to 17-4-0. 40.00 psf; DL = 10.00 psf; from

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.

Calculated horizontal deflection is 0.17" 0.34" due to dead load. due to live load and

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

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



20 Gauge HS, Wave **MARNING** HRUSES BEODIER LETRIM CARE IN FARBICATION, MANDIAGE, SUPPLIED, INSTALLING AND BRACHE.

RETER 10 REST 1 03 (MULLURE COMPORIE SAFETY MORBHION), PUBLISHED BY IPT (PRUSE SHALE INSTITUTE, SAI
D'ANDREND DR., SHITE 700, MADISON, WI 53719) AND WICA (MOUD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN,
MADISON, WI 53719) FOR SAFETY PHACTICES PRICE TORRE OF DEPERMENT HIS ET UNICIDENT, UNITES DIMERNISE INDICATED,
OP CHORD SHALL HAVE PROPERTY ATACHED SHALEDWAY PARTES AND BOTTOM CHORD SHALL HAVE A PROPERTY ATACHED RIGIO CEILING

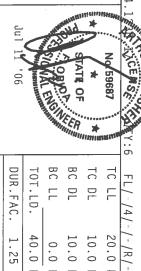
PLT TYP.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY TALLINE TO BUILD HIGHERED PRODUCTS, THE. SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY TALLINE TO BUILD HIGHERED RENDERS. HE CONTRACTED HIS PLANT HIS DESIGN OF THE PRODUCTION OF THE PROPERTY OF THE PROPER DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR BUILDING DESIGNER PER ANSI/TPI I SEC. 2. ANY BUILDING IS THE RESPONSIBILITY OF THE

Alpine Engineered Products, Inc.

ALPINE

Haines City, FL 33844 icate of / on # 567



			To James	EER	* *	ENTITE
SNISVOS	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
JREE 1545/07 701		SEQN- 114807	HC-ENG JB/AF	DRW HCUSR487 06191011	DATE 07/10/06	REF R487 44839

Scale = .1875"/Ft

Alpine Engineered Products, Inc. 1950 Marley Drive Hames City, FL 33844 (cate of / n # 567 110 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. BC attic room floor loading: LL = 40.00 psf; 4-3-0 to 17-4-0. End verticals exposed to wind pressure. Deflection meets $L/240\,$ criteria for brittle and flexible wall coverings. PLT TYP. Trusses to be spaced at 36.0" OC chord 2x6 SP #1 Dense :T2, T4 2x8 SP SS: 2x4 SP #2 Dense: chord 2x10 SP #1 Dense :B3 2x4 SP #2 Dense: Webs 2x4 SP #3 ALPINE Wave PRODUCTS, INC. SUALL NOT BE RESPONSING FOR SUPPLIED THE INSTALLATION CONTRACTOR. ANY FALLURE TO MULTID HE THENSE IN CONTRACTOR SUPPLIED THE THEORY OF THE SUPPLIED THE SUPPLIED THE SUPPLIED SUPPLIED THE SUPPLIED TH OCSIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/IPI 1 SEC. 2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY ANY INSPECTION OF PLAILS PLATES TO EACH FACE OF TRUSS AND. *IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. RIGID CEILING. 1-6-8 maximum. 3 X 4 III 4×8/ R=2980 U=180 W=3.5" 8X8**≡** 7×6/ 4X12(R) Ⅲ Design Crit: 20/18/16GA (M-11/5/E) ASTH AGSS GRADE 00/60 (M-K/M-S) GALV. STEEL. APPLY AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PPR DRAWHINGS 160A Z. LOHED BY (1) SHALL BE PER ANNEX A3 OF FPII-2002 SEC.3. A SEAL ON THIS EFFORMETESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT PL 7 - 8 - 1 T2 8-4-8 1 10.00 psf; from 2.5X8 III -21 - 7 - 0 $3 \times 4 =$ 3 X 4 ≡ TPI - 2002 (STD) /FBC 7X6≢ Cq/RT=1.00(1.25)/10(0) 9 Over 2 Supports 6 - 2 - 14-13-1-0 ò В3 1.5X4 Ⅲ 7 X 6 **≡** 3 X 4 ≡ 2.5X8 III 4 - 8 - 1Top Chord: Bot Chord: 4X12(R) Ⅲ Calculated horizontal deflection is 0.08 " due to live load and 0.17 " due to dead load. Use equal spacing between rows and in each row to avoid splitting. Webs Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50. Collar-tie braced with continuous lateral bracing Nailing Schedule: In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC. 8-4-8 12 COMPLETE 8 X 8 **≡**8 X 8 7×6// Τ4 3-0-0 : 1 Row =2980 U=180 W=3.5" to dead 1 Row 1 Row **մս** 11 4 X 8 // 3X4 Ⅲ CRNSE @ 4" o.c. 90' load. TRUSSES × 7:2 REQUIRED BC DL stagger nails TC DL DUR.FAC. TC LL TOT.LD. FL/-/4/-/-/R/-40.0 10.0 PSF 10.0 PSF 20.0 PSF 1.25 0.0 PSF at 24" OC PSF DR W DATE REF SEQN-HC-ENG Scale =.1875"/Ft. HCUSR487 06191012 R487--JB/AF 07/10/06 114843 44840

SDACING

₹6.0"

JRFF-

1SYSAR7

Z01

6

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

Truss spaced at 24.0" OC designed to support 1-6-0 top chord outlookers. Cladding load shall not exceed 10.00 PSF. Top chord must not be cut or notched.

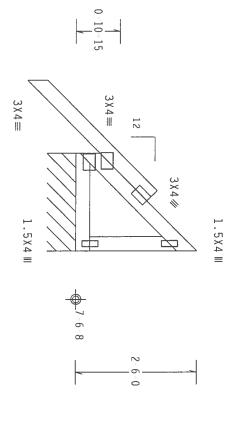
See DWGS A11015EE0405 & GBLLETIN0405 for more requirements.

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

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

Right end vertical not exposed to wind pressure.

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



1-6-0→ R-210 PLF U-90 PLF W-2 0-0 2-0-0 Over Continuous Support 0-11-11 1 - 0 - 5

THUR R. F.

ŢΥP.

Wave

Design Crit: TPI-2002(STD)/FBC

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

7.

***WARNING** TRUSSES REQUIRE EXTREM CARL IN LABRECTION. HABBLETIC. SUPPLIE. DISTALLING AND BRACTURE.

RECER TO BEST 1 03 (BUILDING COMPORTIC SETENT MORBATION). PUBLISHED BY IT (TRUSS FALLE INSTITUTE, SAS

D'ONOFRIO DR. SHITE 200. HABBLET PER TO PERFORMEN ENTS. COUNCIL OF AMERICA. 6500 ENTERNISE INDICATES.

HABISON, 41 53719) TOR SAFETY PRACTICES PRIME TO PERFORMEN ENTS. FUNCTIONS MALL HART A PROPERTY ATTACHED

TOP COMPO SMALL HAVE PROPERTY ATTACHED STRUCTURAL FAMILES AND BOTTOM CHORD SMALL HART A PROPERTY ATTACHED. RIGIO CCILING

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPHALERED PRODUCTS, IRC. SHALL HOT BE RESPONSIBLE FOR ANY DEFLATION ROW THIS DESIGN: ANY FALLERE TO BULLD THE ROUSES IN COMPORANCE WITH PI:

ANY FALLERE FROM STATE OF THIS CONTROL OF THIS CONTROL OF THIS DESIGN. FOR THIS DESIGN FOR THE APPLICABLE PROVISIONS OF MIS SHADOL OF STATE AND THE CONTROL OF THE APPLY CONTROL OF THIS ARE AND OF TO 70/124/1604 (M-1/15/24) ASTA AGS JEAUS ATO AGS JEAUS STEEL. APPLY DELICES TO EACH FACE OF TRUSS AND. HILLS OF THE STATE AND THIS DESIGN. POSITION PER BRAHINGS 1604 Z. ANY LIFE CONTROL OF PLATES OF TOLOHOUR BY CONTROL OF THIS DESIGN. POSITION PER BRAHINGS 1604 Z. ANY LIFE CONTROL OF PLATES OF TOLOHOUR BY CONTROL OF THIS DESIGN. POSITION PER BRAHINGS 1604 Z. ANY LIFE CONTROL OF PLATES OF THE STATE AND THIS DESIGN. POSITION PER BRAHINGS 1604 Z. ANY LIFE CONTROL OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR HIS RESPONSIBILITY OF THE BRAHINGS 1604 DESIGN SHOWN THE SUITABLE THE AND UNCOURSE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BRAHINGS 1605 Z. Z.

Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
Teate of / 2n # 567

ALPINE

lnp XXC SNSE 11 '06 STATE OF 6.59687 ØRIOP. × EN SER

			***************************************	///////	HILLIA	Y:2
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- 114820 REV	HC-ENG JB/AF	DRW HCUSR487 06191013	DATE 07/10/06	REF R487 44841	Scale =.5"/Ft.

SNISVOS

24.0"

JRFF-

1SYS197

Z01

Bot t chord 2x4 SP t chord 2x4 SP Webs 2x4 SP #2 Dense #2 Dense #3 :W1, W10 2×4 SP

SPECIAL LOADS 12 Dense:

From From From From (LUMBER 140 R DUR.FAC.= 110 PLF at 140 PLF at 140 PLF at 68 PLF at 20 PLF at 140 .=1.25 / t -1.50 t 7.63 10.00 16.33 0.00to to 01 to PLATE FE DUR.FAC.=1.25)
110 PLF at 7.63
140 PLF at 10.00
140 PLF at 16.33
68 PLF at 24.00
20 PLF at 24.00

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

TO TRUS MEMBER TO MBER TO BE LATERALLY BRACED FOR WIND LOADS PERPENDICULAR

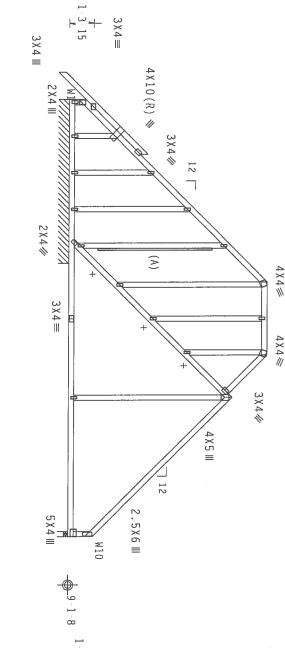
> 110 mph wind, 15.00 ft mean hgt, ASCE anywhere in roof, CAT II, EXP B, wind DL=5.0 psf. 7-02, CLOSED bldg, Located TC DL=5.0 psf, wind BC

Calculated horizontal deflection is 0.22" 0.37" due to dead load. due to live load and

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

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

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





Note: All Plates Are 1.5X4 Except As Shown.

TYP.

Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, INABDEING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST 1-03 (BUTCOING COMPONENT SAFETY INFORMATION), PUBLISHED BY FINE (FRUSS PLATE INSTITUTE, 583 D'ONDERIO BR. 3 SULIL ZOD, HADISCH, UN 15379) AND MICA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LB, HADISON, NI 53719) FOR SAFETY PRACIFICES PRIOR TO PERFORMING INCSE FUNCTIONS. UNLESS OTHERWISE INDICATED. TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED. Design Crit: TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0)

IMPORTANTFURNISH A COPY OF THIS DESIGN 10 THE INSTALLATION CONTRACTOR.

ALPHRE ENGINEERD PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN; ANY FAILURE TO BRILD THE FRUSCES.

FROMETS, IN CONFORMACE ATHIN PEL.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF DDS (MATIONAL DESIGN SEC. B. MATRA), AND TPI.

CONFORMS WITH APPLICABLE PROVISIONS OF DDS (MATIONAL DESIGN SEC. B. MATRA), AND TPI.

CONFORMS WITH APPLICABLE PROVISIONS OF DDS (MATIONAL DESIGN SEC. B. MATRA), AND TPI.

CONFORMS WITH APPLICABLE PROVISIONS OF DDS (MATIONAL DESIGN SEC. B. MATRA), AND TPI.

APPLY

PRAIRES TO LACH FACE OF TRUSS AND. UNILESS OTHERWISE LOCATED ON THIS DESIGN. POSITION FOR DAWNINGS TOAD ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANNEX AS OF TPIL 2002 SEC. B. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF TRUSESSORMS THE RESPONSIBILITY OF THE DRAWING SHOWN.

DESIGN SHOWN. THE SULTABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

Alpine Engineered Products, Inc

ALPINE

RIGID CEILING.

Hames City, FL ficate of

33844 ion # 567

BUILDING DESIGNER PER ANSI/IPI 1 SEC.



2		3	A PARTIE	ER	* !mus	MINIMA	(S. 1 / :]
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL	L FL/-/4/-/-/R/
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF	/-/R/-
JREF- 1SYS487_Z01		SEQN- 114636 REV	HC-ENG JB/AF	DRW HCUSR487 06191014	DATE 07/10/06	REF R487 44842	Scale = .1875"/Ft.

Bot Top chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3 :W1, W7 2x4

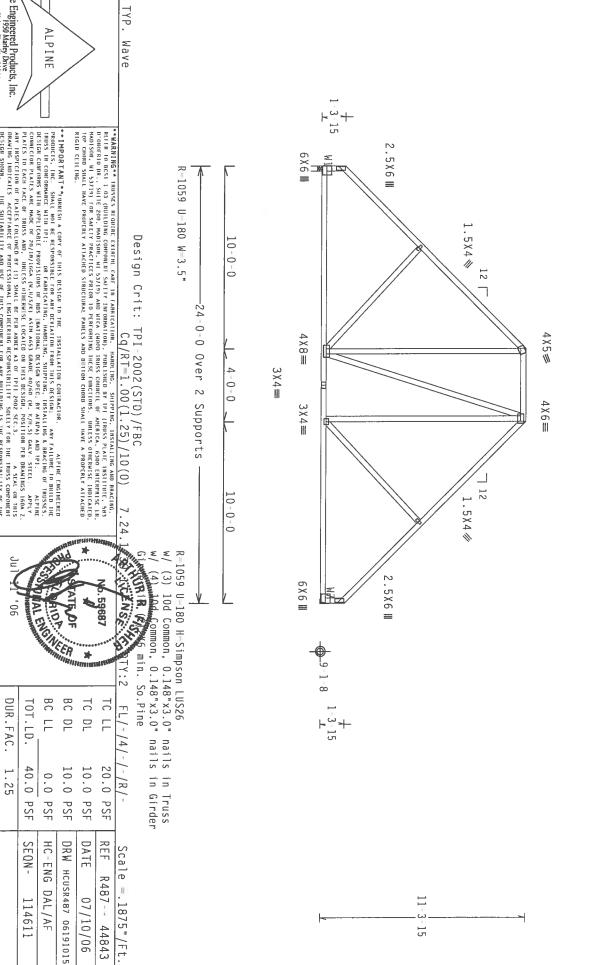
SP #2 Dense:

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C. Calculated horizontal deflection is 0.24" due to live load and 0.44 due to dead load.

110 mph wind, 15.45 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.

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

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



Alpine Engineered Products, Inc. 1950 Marley Drive

Haines City, FL ficate of

33844 ion # 567

BUILDING DESIGNER PER ANSI/IPI 1 SEC.

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

SPACING

24.0" 1.25

JREF -

1SYS487_Z01

114611

DUR.FAC.

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP #2 Dense #2 Dense :B2 2x8 SP SS: #3 :W13 2x4 SP #2 Dense:

110 mph wind, 15.45 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

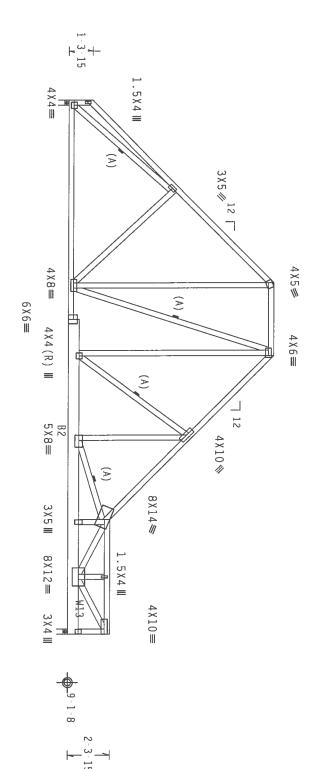
(A) Continuous lateral bracing equally spaced on member

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is $1.50\,\mathrm{.}$

SPECIAL LOADS From 68 rt. 1 0.00 to 2 From 20 PLF at 0.00 to 2 1293 LB Conc. Load at 24.06 C 69 LB Conc. Load at 26.06. (LUMBER DUR.FAC.=1.25 / PL rom 68 PLF at 0.00 to rom 20 PLF at 0.00 to .25 / PLATE DUR.FAC.= 0.00 to 68 PLF at 0.00 to 20 PLF at 28.06 t 29.33 t 29.33

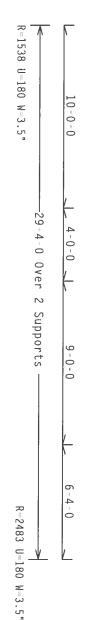
Right end vertical not exposed to wind pressure.

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



1

15



WARNING TRUSSES REQUIRE EXTREME CARE IN FARRICATION. MANDLING. SUIPPING, INSTALLING AND BRACING, RETER TO BEST 1 03 (BUILDING COMPONENT SAFETY IN GRACIAL). PRESENTED BY FPI (TRUSS PLATE INSTITUTE, 583 D'OMOFRIO DE, SUITE ZOO, ANDISON, HE 53719) AND MICA (MODO BRUSS CONNECTI OF ANTREA, 4500 FRIERPRISE LE, MADISON, HE 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. HINLESS OTHERNISE INDICATED. THE CORRO SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED REGELERAL. Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

TYP.

Wave

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

ALPTHE ENGINEERED PRODUCTS, THE. STORY BEYLATION FROM THIS DESIGN: ANY FALLURE TO BUILD THE RESCONSESS IN COMPROHENCE WITH 191:

BUSSES IN COMPROHENCE WITH 191:

OLSTICAL CONFORMS WITH APPLICABLE PROPUSIONS OF DOS (MALIONAL DESIGN SPEC, BY AREAN) AND THE.

APPLICABLE OR PAIRS ARE MADE OF 70/18/16/AG, (H.) MAJEY) ASTH AGES GRADE 40/60 (H. M.M.S) ANY. STEEL APPLY PLATES TO EACH TACE OF TRUSS AND. UNITES OF THE MAJES AND THIS DESIGN POSITION PER BOARDINGS BOALD.

ANY THIS PECTION OF PAIRS OLLOWED BY (1) SHALL BE FER AMEX AS OF THIS 2002 SEC 3.

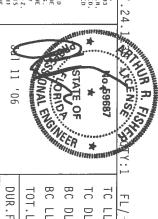
AS ALEA, ON THIS DESIGN OF PAIRS SOLUTIONS OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE PRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE BUILDING DESIGNER PER ANSI/TP1 1 SEC. 2. ANY HISPECTION OF PLAITS FOLLOWED BY (1) SHALL REFER ANNEX AS OF 1911 2002 SEC.9. AS STAL ON THIS DREAMER FROM THE FROM THE RUSS COMPONENT OR SHOWN. THE SHITABILLITY AND USE OF THIS COMPONENT FOR ANY BOILDING IS HE RESPONSIBILLITY OF THE

Alpine Engineered Products, Inc. 1950 Marley Drive

ALPINE

Haines City, FL ficate of

33844 on # 567



			ROLL STREET	EER	**************************************	unna
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- 1SYS487_Z01		SEQN- 114668	HC-ENG DAL/AF	DRW HCUSR487 06191017	DATE 07/10/06	REF R487 44844

Scale

=.1875"/Ft

MGD)

9

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

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

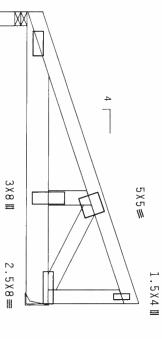
H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

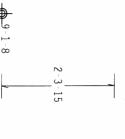
SPECIAL LOADS From 1.25 / PLATE DUR.FAC.=1.25) 0.00 to 61 PLF at 6.00 0.00 to 20 PLF at 6.00 d at 2.06, 4.06

Right end vertical not exposed to wind pressure

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

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





Girder is (1)2X6 min. So.Pine Ξ w/ (4) 10d Common, 0.148"x3.0" nails in Truss R=1293 U=180 H=Simpson HUS26 (14) 10d Common, 0.148"x3.0" nails in Girder

R=1312 U=180 W=3.5" -6-0-0 Over 2 Supports

.5X6(A1) =

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

TYP.

Wave

WARNING IRUSSES REQUIRE EXTREME CARE IN FABRICATION. MANDLING. SHIPPING. INSTALLING AND BRACING.
RITER TO BEST 1 O3 (BUILDING CORPORATE SAFETY INFORMATION). PUBLISHED BY TPI (RBUSS PLATE INSTITUTE, 583
D'OHOFRIO DN. 3.1111 ZHOA, HADISON, HI 53,719 AND MICA (HOOD RBUSS CHURCLION, SHALEA, 6300 LHEREPRISE LH,
HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, HULESS CHIRCRAFT INDICATED.
TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAHELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED
REGID CEILING.

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

ALPINE TRIGHTED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE RUSS IN CONTRACTOR.

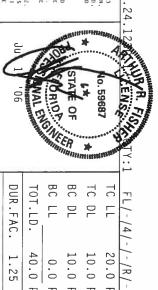
ANY FAILURE TO BUILD THE RUSS IN CONTRACTOR THE PRODUCTS OF THE PRODUCTS OF THE PRODUCTS OF THE PROPERTY OF THE PROPERTY

Alpine Engineered Products, Inc. 1950 Marley Drive

ALPINE

ficate of ion # 567

BUILDING DESIGNER PER ANSI/IPI 1 SEC. 2



Scale =.

5"/Ft.

/10/06 06191016

44845

ĺ	1 '06	TOT	ORIO	STATE OF E	*	No 59687
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 - 1SYS487_Z		SEQN- 114646	HC-ENG DAL/AF	DRW HCUSR487 0619	DATE 07/10/0	REF R487 448

487_201

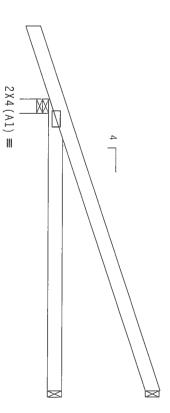
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense

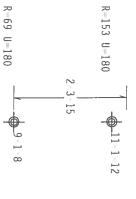
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.

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.

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

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





1-6-0-1 R = 362U=180 W=3.5" 6-0-0 Over 3 Supports

TYP. Wave

MARNING TRUSSES REQUIRE EXTRINE CARE IN FARRICATION. HANDLING. SHIPPING. INSTALLING AND BRACING, REFER TO RESEL TO REMIND THE COMPONENT SAFETY INFORMATION), PUBLICISTED BY THE (RRUSS PLATE INSTITUTE, 563 D'UNDERLO BE, SULIL 200, ANDISON, AN ESSAFETY BESTED FOR MOVE COUNCIL OF MAREAS, 6300 ENTERPRISE LM, MADISON, AN ESSAFETY PRACTICES PRIDE TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP COMED SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PAREETS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PAREETS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PAREETS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED. Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

IMPORTANTTURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

AND THE CHICAGE PRODUCTS. INC. SHALL HOT BE RESPONSIBLE FOR ANY DEPLATION FROM THIS DESIGN. ANY LALLING A BRACHE OF BRUILD THE RUSS IN COMPORMACE WITH DET.

BESIGN CONTORNS HITH APPLICABLE PROVISIONS OF HOS SHATHOAT BESIGN SPEC, BY ALEAN AND FFL. APPLICABLE PROVISIONS OF HOS SHATHOAT BESIGN SPEC, BY ALEAN AND FFL. APPLICABLE STORES AND. HURLES OTHERNISE, LOCATED ON HIS DESIGN, POSITION FROM BRAHMES 160A 2.

PLATES TO LACH FACE OF TRUSS AND. HURLES OTHERNISE LOCATED ON HIS DESIGN, POSITION FROM BRAHMES 160A 2.

ANY HISPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANNY X3 OF FFT 2002 SEC 3.

ALEAN ANY HISPECTION OF PLATES OTHERNISE FOR ANY BRITTING TOOR SEC 3.

ANY HISPECTION OF PLATES OTHERNISE FOR ANY BRITTING SOCIETY FOR THE TRUSS COMPONENT BESIDENCED SHOWN.

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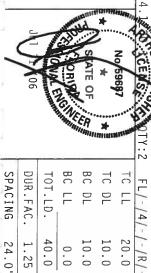
BESIDE SHOWN IN THE SEC 3.

BE

Alpine Engineered Products, Inc.

ALPINE

ficate of on # 567



)6	T. C.	S N. A. S.	ER	**************************************	687 ******
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- 1SYS487_Z01		SEQN- 114759	HC-ENG DAL/AF	DRW HCUSR487 06191001	DATE 07/10/06	REF R487 44846

Scale =.5"/Ft.

6

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

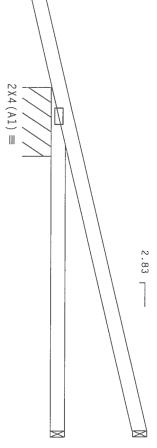
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.

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

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

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

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-83 U-180

=213 PLF U=127 PLF W=1-5-0 -7-0-14 Over ω Supports

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

TYP.

Wave

RIGID CEILING.

IMPORTANT*URBININA COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPHRE ENGINEER D
PRODUCTS, INC. SHALL NOT DE RESPONSIBLE FOR ANY DEVIATION FROM HITS DESIGN;

ANY FAILURE TO BUILD THE

READS IN CONFORMS WITH APPLICABLE PROVISIONS OF HDS (HAITONAL DESIGN SPEC. BY AFARA) AND TPI.

CONNECTION PLATES ANE ANDE OF ZO/18/16GA (H.H/S/K) ASTA AASS GANG (M.K,KH.S) GALV, STEEL, APPLY
PLATES TO EACH FACE OF RESS AND. UNLESS OTHERWISE COCKIED ON THE SOCIETY SOLELY FOR THE FROM THE FACE OF RESS AND.

HE SUPPORTED BY (1) SHALL BE PER AIMEX A TOT TPIT ZOOZ SEC.3.

A SEAL ON THIS PECCHANIC ACCEPT RANCE OF PROFESSIONAL BEFOR AIMEX A TOT TPIT ZOOZ SEC.3.

A SEAL ON THIS DESIGN SHOWN.

HE SUPPORTED WES OF THIS COMPONENT TOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/IPL I SEC. 7:

Alpine Engineered Products, Inc. 1950 Marley Drive Hames City, FL 33844 icate of 1957 ion # 567

ALPINE



			"IIIII	inia.	Di PETER	TY:4
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- 114570	HC-ENG DAL/AF	DRW HCUSR487 06191021	DATE 07/10/06	REF R487 44847	Scale =.5"/Ft.

24.0"

JREF -

6

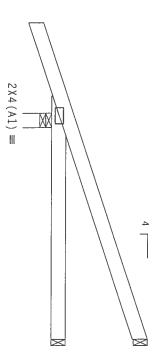
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense

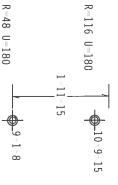
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

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

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

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





TYP.

Wave

WARNING IRUSSES REQUIRE EXTREME CARE IN FARRICATION. MANDELING. SHIPPING, INSTALLING AND BRACING.

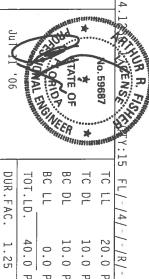
RETER TO RESEL TO SENIO HAVE COMPONENT SAFETY HURDRANION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 543
D'ONOTRIO DR., SUITE ZON, HADISON, H. 153719) AND HEAL (MODO BRUSS COUNCIL OF AMERICA, 6300 ENTERRISE UN,
HADISON, H. 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERHISE HADICATED,
TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED
BRIGHD CELLING.

IMPORTANTTURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPHHE ENGINEERED PRODUCTS, THE. SMALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FALLURE TO BUILD THE RUSS IN COMPONANCE WITH THE FILE OF TABELS AND THE RUSS IN COMPONANCE WITH THE FILE OF TABELS AND THE RUSS OF THE RUSS IN COMPONENCE THE PLUT AND THE PROPERTY OF THE PLUT AND THE COMMICCION PARTS AND THE PLUT AND THE PROPERTY OF THE PRO

Alpine Engineered Products, Inc. 1950 Marley Drive

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Haines City, FL 33844 ficate of on # 567



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DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL	15 FL/-/4/-/-/R/
1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF	/-/R/-
	SEQN- 114562	HC-ENG DAL/AF	DRW HCUSR487 06191020	DATE 07/10/06	REF R487 44848	Scale = .5"/Ft.

SPACING

24.0"

JREF -

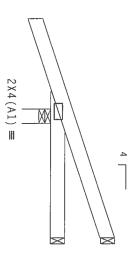
Top chord 2x4 SP Bot chord 2x4 SP #2 Dense

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

Provide (2 Provide (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.

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

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



R 17 U 180



1-6-0-**3**-4-4 3-0-0 Over 3 Supports =277 U=180 W=3.5"

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, REFER TO BEST I D3 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY PT (IRUSS PLANE INSTITUTE, 583 B'ONDERTO BR. SUJITE 200, HANDISON, H1 53719) AND BUTCA (MODO TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LM, MADISON, H1 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FINICIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPHE ENGINEERD PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION ROOM THIS DESIGN: ANY FAILURE TO BRILD THE RESSS IN COMMERCHANCE WITH PI;

OESIGN CONTRARS WITH APPLICABLE PROVISIONS OF THIS CHATTOMAL DESIGN SPEC. BY ATAFA) AND TPI.

CONNECTOR PLATES ARE HADE OF 79/181/GA. 04.41/5/18) AST MASS GRADE 40/50 (M. K/H.S) GALV. STEEL. APPLY PLATES TO EACH FACE OF RESSS AND. UNLESS OTHERWISE COCATO ON HIS DESIGN. POSITION PER DRAWINGS 160A. 2.

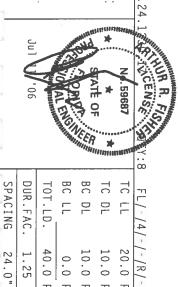
ANY UNSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX AT THIS DOES GEC. 3.

A SEAL ON HIS BRANDER LISTS CONCENSIONAL BEDIED RESPONSIBILITY SOLLY FOR THE ROSE COMPONENT DESIGN SHOWN. THE SHITABLITY AND USE OF THIS COMPONENT FOR ANY SHOWN. THE SHITABLITY AND USE OF THIS COMPONENT FOR ANY SHOWN.

Alpine Engineered Products, Inc. 1950 Marley Drive

ALPINE

Haines City, FL 33844 ficate of on # 567



20.0

PSF

REF

R487-- 44849 =.5"/Ft.

Scale

DATE

07/10/06

24.0"

JREF-

1SYS487_Z01

40.0 1.25

SEQN-

114557

10.0 PSF 10.0 PSF

DRW HCUSR487 06191019

0.0 PSF PSF

HC-ENG

DAL/AF

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

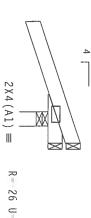
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

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

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

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

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



R--111 U-180 -26 U-180 0-7-15

<u>-1-6-0-0-4-4</u> 1-0-0 Over 3 Supports R=304 U=180 W=3.5"

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

₹YP.

Wave

HARNING IRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDEING. SHIPPING, INSTALLING AND BRACING. RETER TO BEST 1 03 (BUILDING COMPONENT SAFETY INFORMATION), PHILISHED BY TPL (TRUSS PLAIE INSTITUTE, SB3 D'OHOFRIO DR. SUNTE ZOO, HADISON, HE 53719) AND MICA (HOOD TRUSS COUNCELL OF AMERICA, 6300 ENTERPRISE LIN HADISON, HE 53719 AND MICA PROPERTY FOR THE TRUST FUNCTIONS. HINTYS OTHERWISE INDICATED. TOP CORDS SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED RIGID CELLING. 7.24

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPTHE ENGINEERED PRODUCTS, THE SHAPE AND EXPLAINED WERE THIS DESIGN. ANY FAILURE TO BUILD THE ROSES IN CONTRACTOR.

ANY FAILURE TO BUILD THE RESPONSIBLE FOR ANY DEVIATION ROSE THIS DESIGN. SATE ALLER & BRACHE OF TRUSSES, DESIGN CONTRACTS ARE AND OF PLAISES. THE APPLICABLE PROVISIONS OF HIS SCIANIONAL DESIGN SPEC, BY AFRA, AND TP:

CONNECTION PLAISES ARE AND OF ZO/JUJJAGA (H.J.1574) ASIM ADS BRACHE OF JACKY. STEEL. APPLY THAT IS TESTED OF THE STATE OF THE ST

Alpine Engineered Products, Inc. 1950 Marley Drive Hames City, FL 33844
ficate of ion # 567

ALPINE



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			SIANNI.	EER	**************************************	INIU
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	IC LE
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JREF- 1SYS487_Z01		SEQN- 114551	HC-ENG DAL/AF	DRW HCUSR487 06191018	DATE 07/10/06	REF R487 - 44850

Scale H

5"/Ft.

7-02, CLOSED bldg, Located TC DL=5.0 psf, wind BC

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP #2 Dense #2 Dense #3 :W1, W9

2x4 SP #2 Dense:

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

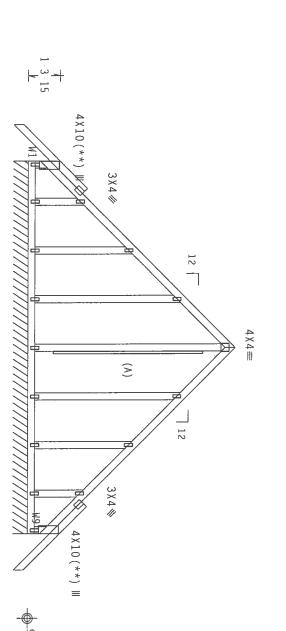
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

 $(\ensuremath{^{**}})$ 2 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

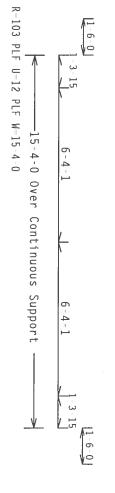
110 mph wind, 15.00 ft mean hgt, ASCE anywhere in roof, CAT II, EXP B, wind DL=5.0 psf.

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

Fasten rated sheathing to one face of this frame



 ∞



Note: All Plates Are 1.5X4 Except As Shown.

TYP. Wave

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

****WARNING** INISSES BEDINEE EXTREME CARE IN FARRICATION, MANDINEE, SUPPLIE, INSTALLING AND BRACING.
RETTE TO BESS I DO SCHLUING COMPOUNT MATEY IN MONATION PURLISHED BY TPL (INUSS PLATE INSTITUTE, SHI
D'ONOFRIE DR. SHITE 200, MADISON, MI 53719) AND MEGA (MODO TRUSS COUNCEL OF MATRICA, 0300 ENTERPISE LH,
MADISON, MI 53719) FOR SAFETY PRACISES AND RED OF TO REPORT THE CONTROL OF THE MATERIAL TO COMPOUNT AND PROPERTY ATTACHED
TO COMPON SMALL MATE PROPERTY ATTACHED STRUCTURAL PAREES AND BOTTOM CHORD SMALL MATE A PROPERTY ATTACHED RIGID CEILING.

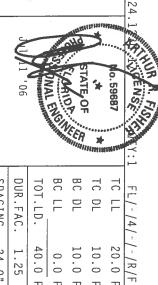
IMPORTANT*GRRISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FACTURE TO BUILD HE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FACTURE TO BUILD HE RESSENT BE COMPORANCE WITH THE PER PROPERTY OF THE PRODUCT OF THE PROPERTY OF THE PROPE

Alpine Engineered Products, Inc.

ALPINE

Haines City, FL ficate of

33844 on # 567



			, Aller	in CR	*	1896.186
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- 1SYS487_Z01		SEQN= 114601 REV	HC-ENG DAL/AF	DRW HCUSR487 06191040	DATE 07/10/06	REF R487- 44851

REV

Scale 11 25"

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

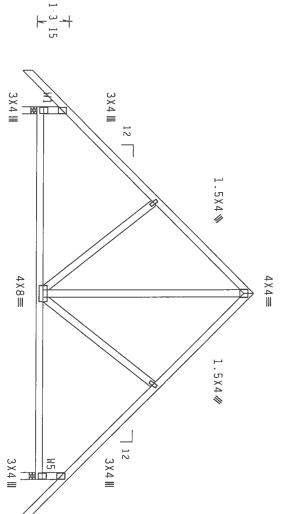
In lieu of structural panels or rigid ceiling use purlins brace TC @ 24" 0C, BC @ 24" 0C.

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

SP

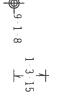
#2 Dense

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

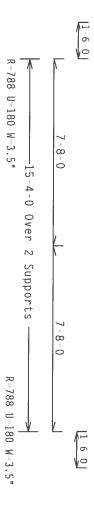


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Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

TYP. Wave

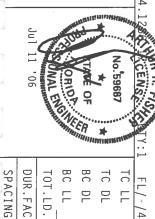
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION. INNULTING. SHIPPING, INSTALLING AND BRACING. RELEA TO BCST. 1-03 (BUILDING COMPOULNE SAFETY INFORMATION), PURELSKIED BY THE (TRUSS PLATE INSTITUTE, 583 D'ONDREGO BR. SE SUITE ZOO, MADISON, HI 53719 AND NICA (MODO TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LU, MADISON, HI 53719 AND NICA (MODO TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LU, MADISON, HI 53719) FOR SAFETY PRACTICES PRIDE TO PERFORMING INESE FUNCTIONS. UNLESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE A PROPERLY ATTACHED. RIGID CEILING.

IMPORTANTYURHISH A COPY OF HIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPHE ENGINEERD PRODUCTS, INC. SMALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: MAY FALLERE TO BUILD THE PRODUCTS, INC. SMALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. BAY FALLERE TO BUILD THE HIS DESIGN FOR THIS DESIGN. BY ANY FIRE THIS DESIGN FOR THIS AREA THE OF TRUSSES. DESIGN CONFIDENCE AND FARKA AND FEL. APPLY DIATES OF THE SECOND OF THIS DESIGN. POSITION FOR BORNHINGS 160A-2. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERMISE LOCATED ON THIS DESIGN. POSITION FOR BORNHINGS 160A-2. ANY THE PRODUCTS OF THIS DESIGN. POSITION FOR BORNHINGS 160A-2. ANY THE PRODUCTS OF THIS DESIGN. POSITION FOR BORNHINGS 160A-2. ANY THE PRODUCTS OF THE

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

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1 d m m d -	1
TC DL BC DL TOT.LD. DUR.FAC.	FL/-/4/-/-/R/-
10.0 PSF 10.0 PSF 10.0 PSF 40.0 PSF	/-/R/
PSE PSE PSE PSE	2.5
DATE DRW HCU HC-ENG SEQN-	Scale
REF R487 44852 DATE 07/10/06 DRW HCUSR487 06191039 HC-ENG DAL/AF SEQN- 114591	Scale = .25"/Ft.

24.0"

JREF -

Top chord 2x10 SP #1 Dense Bot chord 2x6 SP #1 Dense Webs 2x4 SP #3 TC TC BC SPECIAL LOADS ---(LUMBER DUR.FAC.=1.25 / PLA
- From 68 PLF at 0.00 to
- From 20 PLF at 0.00 to
- From 20 PLF at 0.00 to
- 778 LB Conc. Load at 4.31
- 775 LB Conc. Load at 6.31
- 759 LB Conc. Load at 8.31 0.06, 4.31 6.31 8.31 / PLATE DUR.FAC.=1.25)
to 68 PLF at 8.96
to 20 PLF at 8.96
0.06, 2.00

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

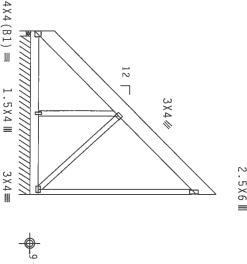
COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d_Common_(0.148"x3.25",_min.Top Chord: 1 Row @ 4.00" 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. (12d_Common_(0.148"x3.25",_min.)_nails)
@ 4.00" o.c.
@ 12.00" o.c.
@ 4" o.c.

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

Right end vertical not exposed to wind pressure.

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



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+ -3-15 -

R=2195 U=358 W=3.5" =298 PLF U=32 PLF W=8-8-0 -8-11-8 Over 2 Supports >

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

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Wave

WARKING IRUSSES BEGUIRE EXTREM CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, RETER OF BEST 10 3 (BUILDING COMPONEN SAFETY INFORMATION), PUBLISHED BY IF I (RUSS PLATE INSTITUTE, 583 D'ONDEFALO BE, SUITE ZOO, HANDISOM, AT 153719) AND BICA (RODD BRISS COUNCIL OF AMERICA, 5300 ENTERRISE LM, HADISOM, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THISE FUNCTIONS. HULESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED REGID CELLING.

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

ALPTHE ENGLHERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DELIVATION FROM HIS DESIGN: ANY FAILURE TO BUILD HE BRUSS HE COMMENANCE WITH HET!

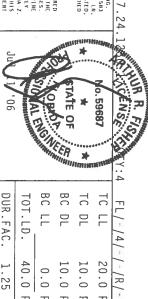
BUSSION CONTROMS WITH APPLICABLE PROVISIONS OF 1005 (INSTIDUAL DESIGN SPEC, BY AFRA) AND TPI. APPLICABLE PROVISIONS OF 1005 (INSTIDUAL DESIGN SPEC, BY AFRA) AND TPI. APPLY PATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE LOCATED ON HIS DESIGN, POSITION FOR BRAHMES THAN APPLY PATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE LOCATED ON HIS DESIGN, POSITION FOR BRAHMES THAN APPLY PATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE LOCATED ON HIS DESIGN, POSITION FOR BRAHMES THAN APPLY PATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE LOCATED ON HIS DESIGN, POSITION FOR BRAHMES THAN APPLY ANY HISPECTION OF PATES FOLLOWED BY (1) SHALL BE FER ANHER AS OF THIS 2002 SEC.3. AS AS AND HISSES OTHERNISE OF PATES STOMMED AND SECOND SECOND

Alpine Engineered Products, Inc. 1950 Marley Drive

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1875"/Ft.

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1			Table 1	CER WILLIAM	*	IN LEA
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	ול ננ
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JREF 1SYS487_Z01		SEQN- 115075	HC-ENG DAL/AF	DRW HCUSR487 0619103	DATE 07/10/06	REF R487 44853

(6 261 GARY JOHNSON Tillotson ABP1-GE)

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

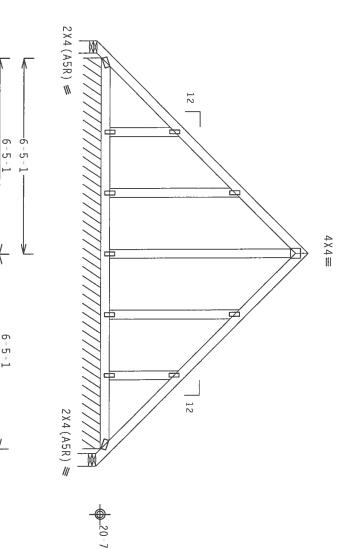
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.

Refer to DWG PIGBACKA1103 or PIGBACKB0204 for piggyback details.

PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

110 mph wind, 23.95 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=1.2 psf.

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



9 10

8 U-180 W-4.95" R-78 PLF U-31 PLF

14-0-0 Over

3 Supports

8 U-180 W-4.95

Note: All Plates Are 1.5X4 Except As Shown.

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

RIGID CEILING.

TYP.

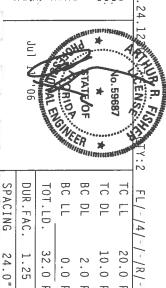
IMPORTANTFURBLISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FALURE TO BUILD THE PRODUCTS, INC. SHALL HOLD BE RESPONSIBLE FOR MAY OUTNATION FROM HIS DESIGN. MAY FALURE TO BUILD THE PRODUCTS, INC. SHALL HOLD BE RESPONSIBLE FOR MAY OUTNATION FROM HIS OFFICE. MAY FALLER TO BUILD THE RUSSE IN CONFRANACE MITH FIT.

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M. POSITION PER DRAHINGS 160A Z
TOZ SEC. 3. A SEAL ON THIS
SOLELY FOR THE TRUSS COMPONENT

Alpine Engineered Products, Inc.

ALPINE

Haines City, FL 33844 ificate of 'on # 56"



20.0

PSF

REF

07/10/06

Scale =.3125"/Ft. R487-- 44854

32.0 24.0" 10.0 PSF 0.0 PSF 2.0 PSF PSF DATE SEQN-JREF = HC-ENG DRW HCUSR487 06191041

DAL/AF 114536

6

110 mph wind, 23.95 ft mean hgt, ASCE 7 02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=1.2 psf.

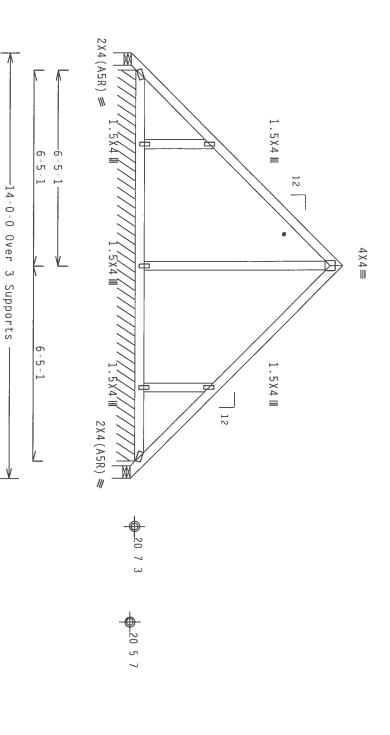
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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

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

Refer to DWG PIGBACKA1103 or PIGBACKB0204 for piggyback details.

PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.



6

MARN.WG IRUSES REQUIRE EXTREM CARE IN FABRICATION, MANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO REST TO 3 (DUILDING COMPONENT SAFETY IN ORRALION), POBLISHED BY IPI (FRUSS PLATE INSTITUTE, 583 D'OHOFRIO DR. SHITE ZOO, MADISON, AL 53719) AND NEW ACCOUNCELLO MARICA, 6300 ENERRAPISE (M. MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HIESE FUNCTIONS. HHEES OTHERMISE INDICATED. FOR FOR THE PRACTICES PRIOR TO PERFORMING HIESE FUNCTIONS. HHEES OTHERMISE INDICATED. FOR CONTROL HAVE A PROPERTY ATTACHED REGED CELLING. Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

TYP.

Wave

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U 180 W 4.95" 73 PLF U 27 PLF W 12 10 2

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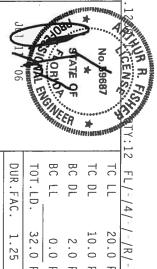
23 U-180 W-4.95'

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FALLING TO BUILD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FALLING TO BUILD THE RESULT OF THE PRODUCTS. THE CONTROL OF THE PRODUCTS IN CONTROL OF THE PRODUCTS IN CONTROL OF THE PRODUCTS IN CONTROL OF THE PROPERTY STORES. SHALL OF THE PRODUCT OF THE PROPERTY STORES OF THE PROPERTY STORES. SHALL OF THE PROPERTY STORES OF THE PROPERTY STORES. BY A CEAP AND THE PROPERTY STORES OF THE PROPERTY STORES. THE PROPERTY STORES OF THE PROPERTY STORES OF THE PROPERTY STORES OF THE PROPERTY STORES. AND THE STORES OF THE PROPERTY STORES OF THE PROPERTY STORES OF THE PROPERTY STORES. THE STORES OF THE PROPERTY STORES OF THE PROPERTY STORES OF THE PROPERTY STORES. THE PROPERTY STORES OF THE PROPERTY STORES OF THE PROPERTY STORES OF THE PROPERTY STORES. THE PROPERTY STORES OF THE PROPERTY STORES OF THE PROPERTY STORES OF THE PROPERTY STORES. THE PROPERTY STORES OF THE PROPERTY STORES OF THE PROPERTY STORES OF THE PROPERTY STORES. THE PROPERTY STORES OF THE PROPERTY STORES OF THE PROPERTY STORES OF THE PROPERTY STORES. THE PROPERTY STORES OF THE PROPERTY STORES OF THE PROPERTY STORES. THE PROPERTY STORES OF THE PROPERTY STORES OF THE PROPERTY STORES. THE PROPERTY STORES OF THE PROPERTY STORES OF THE PROPERTY STORES OF THE PROPERTY STORES. THE PROPERTY STORES OF THE PROPERTY STORES OF THE PROPERTY STORES. THE PROPERTY STORES OF THE PROPERTY STORES OF THE PROPERTY STORES. THE PROPERTY STORES OF THE PROPERTY STORES OF THE PROPERTY STORES. THE PROPERTY STORES OF THE PROPERTY STORES OF THE PROPERTY STORES. THE PROPERTY STORES OF THE PROPERTY STORES OF THE PROPERTY STORES. THE PROPERTY STORES OF THE PROPERTY STORES OF THE PROPERTY STORES. THE PROPERTY STORES OF THE PROPERTY STORES OF THE PROPERTY STORES OF THE PROPERTY STORES. THE PROPERTY STORES OF THE PROPERTY STORES OF THE PROPERTY STORES OF THE PROPERTY STORES. THE PROPERTY STORES OF THE PROPERTY STORES OF THE PROPERTY STORES OF THE PROPERTY STORES OF THE PROPERY

Alpine Engineered Products, Inc. 1950 Marley Drive

ALPINE

Haines City, FL 33844 ficate of ion # 567



Scale = .3125"/Ft

	06	OVAL EX	ORO	STATE OF LEN	*	No 19687
SPA	DUR	T0T	BC LL	ВС	TC DL	TC LL
SPACING	DUR.FAC.	TOT.LD.	 	DL.	DL	
24.0"	1.25	32.0 PSF	0.0	2.0	10.0	20.0
) "	5	PSF	0.0 PSF	2.0 PSF	10.0 PSF	20.0 PSF
JREF		SEQN-	HC-E	DRW	DATE	REF
JREF - 1SYS487_Z01			HC-ENG DAL/AF	HCUSR4		R487
/S487		114532	\L/AF	87 06	07/10/06	1 4
7_201		32		DRW HCUSR487 06191042)/06	44855

261 GARY JOHNSON Tillotson * CP)

6

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

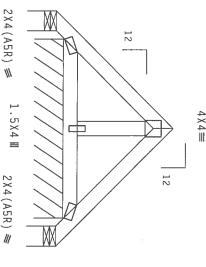
In lieu of structural panels or rigid ceiling use purlins to brace IC @ 24" 0C, BC @ 24" 0C.

Refer to DWG PIGBACKAllO3 or PIGBACKBO2O4 for piggyback details.

PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24 $^{\circ}$ OC, UNLESS OTHERWISE SPECIFIED.

110 mph wind, 20.08 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=1.2 psf.

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



19 0 3

U=180 W=4.95" R=3 U=180 W=4.95" R=85 PLF U=49 PLF W=3-8-2 **1** 10 1 → -4-10-0 Over 3 -10-1 Supports --10 - 1

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

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Wave

WARNING IRUSSES REQUIRE EXTREME CARE IN FABRICATION, HARDLING, SHIPPING, INSTALLING AND BRACHIG, RELEA ID BCALL I OS GRULUDING COMPONENT SAFELY INFORMATION), PUBLISHED BY TP (IRUSS PLAIE INSTITUTE, 583 D'UNDORRO BR. SUITE ZOO, MADISON, HI 53719) AND NICA (MODO BRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LH, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING INESE FUNCTIONS, UNLESS OTHERWISE INDICATED TO CHORD SHALL HAVE PROPERLY ATTACHED RIGIO CEILING.

IMPORTANTTURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ANY FALURE TO BRILLED THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION ROOM THIS DESIGN:

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ANY HERPECTION PER BRAJURGS 160A Z.

ANY HERPECTION P OESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER FER ANSI/TF) I SEC. 7.

Alpine Engineered Products, Inc.

ALPINE

Haines City, FL ficate of

33844 ion # 567



			TIRRIN.	EFR	*	mm'
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	10 11
24.0"	1.25	32.0 PSF	0.0 PSF	2.0 PSF	10.0 PSF	20.0 PSF
JREF = 1SYS487 701		SEQN- 114753	HC-ENG DAL/AF	DRW HCUSR487 06191043	DATE 07/10/06	REF R487 44856

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

Scale H

.5"/Ft

261 GARY JOHNSON Tillotson DP1)

6

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

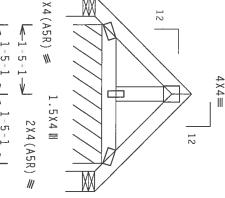
In lieu of structural panels or rigid ceiling use purlins brace TC @ 24" OC, BC @ 24" OC.

Refer to DWG PIGBACKA1103 or PIGBACKB0204 for piggyback details.

PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

110 mph wind, 21.45 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=1.2 psf.

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



-10-4

2X4(A5R) = 1-5-1 1-5-1

R-11 U-180 W-4.95" <-4-0-0 Over 3 Supports → U=180 W=4.95" R=11 U=180 W=4.95" R=84 PLF U=63 PLF W=2-10-2

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

TYP.

Wave

Alpine Engineered Products, Inc. Haines City, FL 33844 ficate of ion # 567 ALPINE RIGID CEILING.

WARNING IRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, RELER TO BEST 1 03 (BUILDING COMPONENT SAFETY INFORMATION), PHREINERD BY IP I (RUSS PLAIE INSTITUTE, 583 D'UNOFRIO BR. SHIET 200, MADISON, HI 53719) AND HICA (MOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LIN, HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HIESE FUNCTIONS. UNLESS O'HIERMESE INDICATED. TOPP CHORD SHALL HAVE A PROPERLY ATTACHED

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPHE ENGINEERED PRODUCTS, THE. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE FROMESTS IN COMPONENCE WITH PIT:

BOSIGN CONTRACTS HE ADDED FOR FASHICATHER, MANDLEHD, SHIPPING, INSTALLING A BRACING OF RUSSES,

BOSIGN CONTRACTS HE ADDED FOR FASHICATHER, MANDLEHD, SHIPPING, BY ARRAY, AND FIT.

APPLICABLE FOR THE STANDAM DESIGN FOR STANDAM DESIGN SPEC, BY ARRAY, AND FIT.

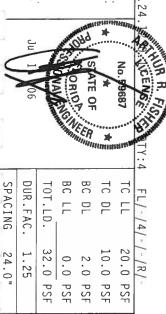
APPLY

PLATES TO EACH FACE OF TRUSS, AND, BHILESS OTHERMISE LOCATED ON THIS DESIGN, POSITION FOR BRAHMES 160A, Z.

ANY INSPECTION OF FLATES FOLCHOLD BY C1) SHALL BE FER ANIEX AS OF FIT! FORCE SECOND OF THE BOASHINGS 160A, Z.

ANY INSPECTION OF FLATES FOLCHOLD BY C1) SHALL BE FER ANIEX AS OF FIT! FORCE SECOND STANDAM OF THE SUBJECT OF PROFESSIONAL ENGINEERING RESPONSIBILITY ON THE FRUSS COMPONENT DESIGN SHOWN.

HE SUITABLETT OF THE STANDAM SECOND SECO



DATE REF

07/10/06

Scale = .5"/Ft.

R487-- 44857

SEQN-

114541

JREF -

1SYS487_Z01

HC-ENG

DAL/AF

DRW HCUSR487 06191044

Bot 1 chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3

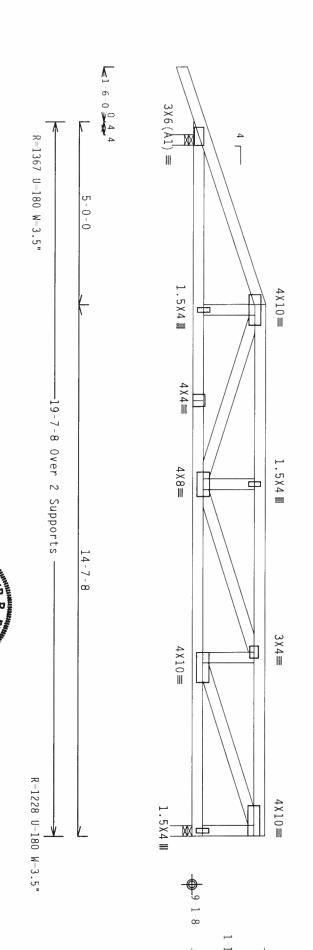
In lieu of structural panels or rigid ceiling use purlins brace TC @ 24" OC, BC @ 24" OC.

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

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

#1 hip supports 5-0-0 jacks W/2 panel TC and no end vert.

Left side jacks have 5-0-0 setback with 0-4-4 cant and 1-6-0 overhang. End jacks have 5-0-0 setback with 0-4-4 cant and 1-6-0 overhang. Right side jacks have 0-0-0 setback with 0-0-0 cant and 0-0-0 overhang.



-15

WARNING IRUSSES REQUIRE EXTREME CARE IN FABRICATION. IMBOLING. SHIPPING, INSTALLING AND BRACING, REFER TO BEST 1 03 (BULLING COMPONENT SAFETY INFORMATION), PUBLISHENDE BY FF (FRUSS PLATE INSTITUTE, 583 B'OMOFRIO DR., SUITE 200, HADISON, HI 53719) AND HICA (HADOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN. HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED. THE CHORD SHALL HAVE A PROPERLY ATTACHED TO CHORD SHALL HAVE A PROPERLY ATTACHED. RIGID CEILING. Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

TYP.

Wave

IMPORTANTURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPHE ENGINEERED PRODUCTS, INC. SMALL NOT BE RESPONSIBLE FOR ANY DEVIATION HOW THIS DESIGN:

RNDSC IN CONTRACTOR OF THE PRODUCTS OF THE PRODUCTS, INC. SHIPPING, INSTALLING A RRACTING OF PRUSSES,

DESIGN CONFORMS HITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY ARAPA) AND PPI. APPLY

CONNECTOR PLANES ARE MADE OF 20/18/1606 (AL)15/5/19. ASIA MASS GAADE 40/60 (H. K/H.S) OLAV. STEEL

CONNECTOR PLANES ARE MADE OF 20/18/1606 (AL)15/5/19. ASIA MASS GAADE 40/60 (H. K/H.S) OLAV. STEEL

CONNECTOR PLANES ARE MADE OF 20/18/1606 (AL)15/5/19. ASIA MASS GAADE 40/60 (H. K/H.S) OLAV. STEEL

CONNECTOR PLANES ARE MADE OF 20/18/1606 (AL)15/5/19. ASIA MASS GAADE 40/60 (H. K/H.S) OLAV. STEEL

CONNECTOR PLANES FOR LOWER BY 1) SMALL BE FER ANNEX A 30 F FPI 2002 SEC 3

ANY HERECTION OF PLANES FOR LOWER BY 1) SMALL BE FER ANNEX A 30 F FPI 2002 SEC 3

ANY HERECTION OF PLANES FOR LOWER BY 1) SMALL BE FER ANNEX A 30 F FPI 2002 SEC 3

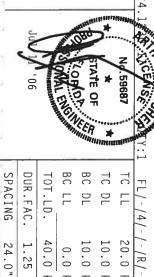
ANY HERECTION OF PLANES FOR LOWER BY 1) SMALL BE FER ANNEX A 30 F FPI 2002 SEC 3

ANY HERECTION OF PLANES FOR LOWER BY 1) SMALL BE FER ANNEX A 30 F FPI 2002 SEC 3

ANY HERECTION OF PLANES FROM THE SMALL BY 10 SMALLON OF PRICESSON OF PRODUCTION OF PLANES FROM THE SMALLON OF PRICESSON OF PRODUCTION OF PRICESSON OF PRODUCTION DESIGN SHOWN. THE SHITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI I SEC. 2.

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

ALPINE



ייו∟	FL/-/4/-/-/R/-	/-/R/-	Scale =.375"/Ft.
	TC LL	20.0 PSF	REF R487 44858
	TC DL	10.0 PSF	DATE
	BC DL	10.0 PSF	DRW HCUSR487 06191045
	BC LL	0.0 PSF	HC-ENG DAL/AF
	TOT.LD.	40.0 PSF	SEQN-
-	DUR.FAC.	1.25	

24.0"

JREF -

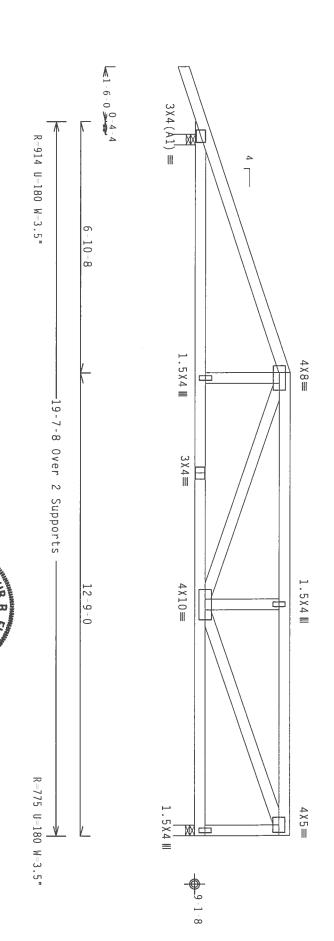
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3

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

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

Right end vertical not exposed to wind pressure

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



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

Design Crit:

7.24.1

CENSE

6.59687

TC LL

20.0

PSF

DATE REF

07/10/06 44859 FL/-/4/-/-/R/-

Scale = .375"/Ft. R487--

PLT TYP. Wave

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ART FALLING TO BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FALLING TO BUILD THE PRODUCTS, THE. SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. FOR TAILURE TO BUILD THE RUSS IN CONFIDENCE HE PROPERTIES.

BESIGN CONFERNACE WITH APPLICABLE PROPERTIES OF ANY STREAMS IN CONFIDENCE OF ACTE AND AND THE COMMICTION PARTS ARE AND COT PAPILOGACE, ANY ASSEMBLY AS

Alpine Engineered Products, Inc. 1950 Marley Drive Hames City, FL 33844 ficate of ion # 567

ALPINE



SEQN

HC-ENG

DAL/AF 114765

DRW HCUSR487 06191046

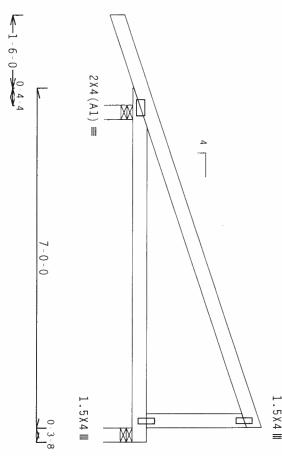
JREF-

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

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

Right end vertical not exposed to wind pressure.

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



R=413 U=180 W=3.5" -7 - 3 - 8 0ver 2 Supports R=258 U=180 W=3.5"

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

TYP. Wave

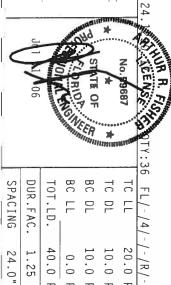
HARNING IRUSES REQUIRE LYMENE CARE IN FABRICATION, HANDING, SHEPTHOG, INSTALLING AND BRACING, REITR TO BEST 10 3 (BUILDING COMPONENT SAFETY INFORMATION), POBLISHED BY IPI (TRUSS PLAIE INSTITUTE, 583 D'OHOFRIO DR. S. MUTE 700, HADISON, HI 53719) AND MICA (HOOD RUSS COMUCIL OF AHERA, A 5300 ENTERPRISE (IN. HADISON, HI 53719) FOR SAFETY PRACTICLS PRIOR TO PERFORMING THESE FUNCTIONS, HUTES OTHERHSE INDICATED. TOP CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CETLING.

IMPORTANTTUBBLISH A FORY OF THIS DESIGN TO THE INSTALLATION CONTRACIOR. ANY FALURE TO BUILD THE PRODUCTS, THE SHALL NOT BE RESPONSIBLE FOR MAY DEVALATION FROM THIS DESIGN. ANY FALURE TO BUILD THE FRONCES, THE CONTRACACE WITH THE THE SHARLENG OF TRENSES. DESIGN CONTRACACE WITH THE THE SHARLENG OF TRENSES. DESIGN COUTORNS WITH APPLICABLE PROVISIONS OF HOS (MATIONAL DESIGN SPEC, BY AFRA) AND IPI. APPLICABLE PROVISIONS OF HOS (MATIONAL DESIGN SPEC, BY AFRA) AND IPI. APPLY COMMETCION FLATE, ARE HADE OF ZO/JBJ/GAA (M.1/S/S) ASHA AGSS GRADE 40/GO (M. YM.S) GALV. APPLY FLATES TO LACH FACE OF TRUSS AND, HURLES OTHERNISC LOCATED ON THIS DESIGN, POSITION FER DRAWINGS 160A. ANY INSPECTION OF FLATES FOR THE SHARLENG SHARLENG AND HIS SHARLENG FRATES COMPONENT OF FLATES FOR THE TRUSS COMPONENT OF SHARLENG SHOWLE.

DRAWING INDICALES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SULTY FOR THE RUSS COMPONENT DESIGN SHOWN. THE SULTABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/PET SEC. 2.

Alpine Engineered Products, Inc.
1959 Marley Drive
Haines City, FL 33844
ificate of ion # 56

ALPINE



10.0 PSF 10.0 PSF 20.0 PSF

DRW HCUSR487 06191023

DAL/AF

REF

R487-- 44860

Scale =.5"/Ft.

DATE

07/10/06

40.0

SEQN-HC-ENG

114917

0.0 PSF PSF

24.0" 1.25

JREF-

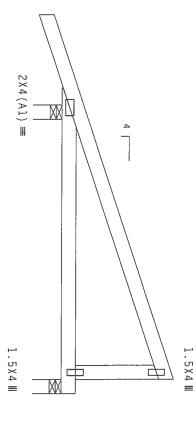
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3

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

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

Right end vertical not exposed to wind pressure

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



<u>-1-6-0-9-4-4</u> R=375 U=180 W=3.5" -6-3-8 Over 2 Supports R=233 U=180 W=3.5"

ò

0-3-8

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

TYP.

Wave

RIGIO CEILING.

IMPORTANTTURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPTHE ENGINEERED
PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN.

ANY FAILURE TO BRILLE THE
RAYS IN CONTRACTAL THE PET.

BESIGN CONTRACTS HE CANCE OF TRUSS CANCELLER, HANDLING, SHIPPING, ISSIALLING A BRACING OF HISSES,

DESIGN CONTRACTS ARE AND OF ZOOLD FROM (ALMINSON) ASIA MASS GRAND CANCE. BY AREA, AND THE
CONTROCTOR PLACES ARE AND OF ZOOLD FROM (ALMINSON) ASIA MASS GRAND CANCE. BY AREA, AND THE
PRAITS TO EACH FACE OF TRUSS AND. HIMLESS OHERNIST LOCATED ON THIS DESIGN, POSITION FOR BRAHHIGS IGAN Z.

ANY INSPECTION OF PLATES ORLOHOUR BY (1) SHALL BE PER ANNEX AS OF IPTI ZOOZ SEC.3.

ASSAULD THE SOUTH ADELLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE
BUSICONS SHOWN.

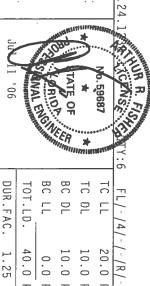
BESIGN SHOWN.

INS. SHOWN THE SOUTH AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

Alpine Engineered Products, Inc.

ALPINE

Itaines City, FL 33844
ficate of ion # 567



		•	William .	Perior	19671198
DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	10 LL
1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
	SEQN- 114700	HC-ENG DAL/AF	DRW HCUSR487 06191024	DATE 07/10/06	REF R487 44861

Scale = .5"/Ft.

SPACING

24.0"

JREF-

1SYS487_Z01

6

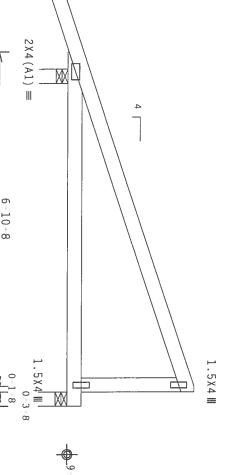
Fop Bot chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3

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

110 mph wind, 15.00 ft mean hgt, located within 4.50 ft from roof DL=5.0 psf, wind BC DL-5.0 psf. ASCE 7.02, CLOSED bldg, not edge, CAT II, EXP B, wind TC

Right end vertical not exposed to wind pressure.

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



1-6-0-9-4-4

=413 U-180 W-3.5" -7 - 3 - 8 Over 2 Supports 258 U=180 W=3.5°

7-0-0

WARNING RUSSKE REUBIRE CEREME CARE HE FARRICATION, MANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESI I DO (BUILDING COMPONENT SAFLEY INFORMATION), PUBLISHED BY PET (TRUSS PLATE INSTITUTE, 583 D'OHORIO DR., SUITE ZOO, MADISON, HI 53219) AND MICA (MOOD TRUSS COUNCIL OF MERICA, 5000 RIFERRESCELA, MADISON, HI 53219) FOR SAFELY PRACILEES PRIOR TO PERFORMING THESE FUNCTIONS. UNICES OTHERWISE HADICATED, TOP CUMBED SHALL MAVE PROPERLY ATTACHED RIGID CEILING. Design Crit: TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0)

TYP.

Wave

IMPORTANT FURHISH A COPY OF THIS DESIGN TO THE THISTALLATION CONTRACTOR.

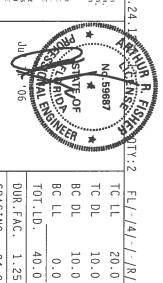
ALPHE ENGINEER D PRODUCTS, IRC. SHALL HOT BE RESPONSIBLE FOR ANY BELLION FROM HIS OFSIGN: ANY FAILURE TO BUILD THE RESPONSIBLE FOR ANY BELLION FOR THE STATE OF THE PRODUCTS IN CONTROL OF THE PRODUCTS IN CONTROL OF THE PLACE OF THE STATE AND THE STATE AND THE STATE OF THE STATE

Alpine Engineered Products, Inc.

ALPINE

Haines City, FL 33844 ficate of 10n # 567

BUILDING DESIGNER PER AUSI/IPI 1 SEC.



Scale =.5"/Ft.

SPACING DUR.FAC. TOT.LD. 40.0 20.0 24.0" 10.0 PSF 10.0 PSF 0.0 PSF PSF PSF SEQN-DATE REF JREF -HC-ENG DAL/AF DRW HCUSR487 06191022 R487---1SYS487_Z01 07/10/06 114678 44862

6

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

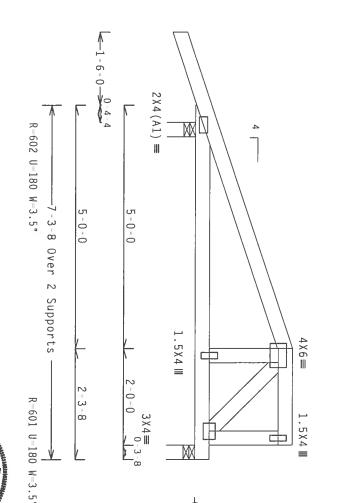
In lieu of structural panels or brace TC @ 24" OC, BC @ 24" OC. rigid ceiling use purlins

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

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

#1 hip supports 5-0-0 jacks W/2 panel TC and no end vert.

Left side jacks have 5-0-0 setback with 0-4-4 cant and 1-6-0 overhang. End jacks have 5-0-0 setback with 0-4-4 cant and 1-6-0 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)

TYP.

Wave

WARNING IRUSSES BLOUIRE EXTREME CARE IN FARRICATION. MANDELING. SHIPPING. INSTALLING AND BRACING. REFER TO BEST 1 D3 (BUILDING COMPONENT SAFETY IN BEST 1 D (BRUSS PLATE INSTITUTE, 583 D CHOOPRED BN. SHIPPING. AND SOM, HE 53719) AND MICA (MOOD TRUSS COUNCELL OF ARTREA, 6300 ENTERPRISE LIM. HADISON, HI 53719) FOR SAFETY PRACIFICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERMISE INDICATED. THE CHORD SHALL HAVE A PROPERTY ATTACHED RIGHD CEILLING.

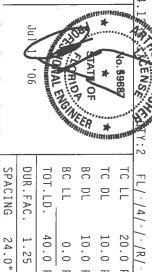
IMPORTANT*URMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPHE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY LATURE TO BUILD THE TRANSES IN CONFORMANCE ATHE PER.

BESIGN CONFORMS HILL APPLICABLE PROVISIONS OF NOS (MATONAL DESIGN SPEC, BY AFRA) AND TEL. ALPHE CONFORMS HILL APPLICABLE PROVISIONS OF NOS (MATONAL DESIGN SPEC, BY AFRA) AND TEL. ALPHE CONFORMS HILL APPLICABLE AND AND TEL. ALPHE CONFORMS HILL APPLICABLE AND AND TELL APPLY PLAITS TO EACH FACE OF TRUSS AND, URLESS OHIEMIST, DOCATED ON HILLS DESIGN, DOSITION PER BRANHOS LEGA Z. ANY INSPECTION OF PALES FOLLOWED BY (1) SHALL BE FER ANDEX A OF TELL 2002 SEC. 3. A SEAL ON THIS BRANHOS INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLLLY FOR THE IRRES COMPONENTS DESIGN SHOWN. THE SUITABILITY AND USE BUILDING DESIGNER PER AUSI/IP1 1 SEC. 2. THE SUITABILITY AND USE OF THIS COMPONENT FOR

Alpine Engineered Products, Inc.

ALPINE

ficate of ion # 567



40.0

SEQN

114684

10.0 PSF 10.0 PSF 20.0 PSF

DRW HCUSR487 06191025

DATE REF

07/10/06

44863

Scale = .5"/Ft. R487-

0.0 PSF PSF

HC-ENG

DAL/AF

24.0" 1.25

JREF -

1SYS487_Z01

ONSIBILITY SOLELY FOR THE TRUSS COMPONENT ANY BUILDING IS THE RESPONSIBILITY OF THE

R7)

6

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

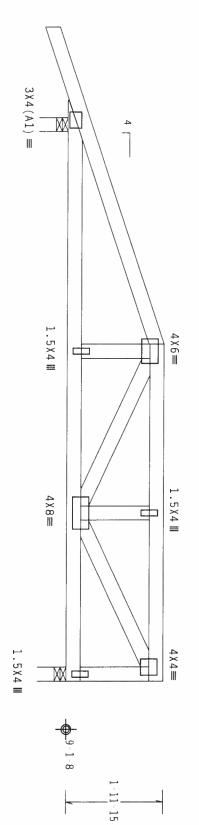
In lieu of structural panels or rigid ceiling use purlins brace TC @ 24" 0C, BC @ 24" 0C.

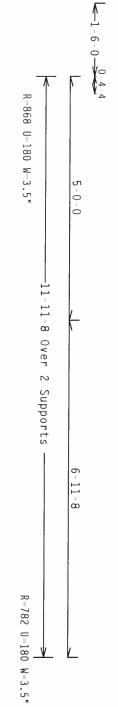
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is $1.50\,.$

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

#1 hip supports 5–0–0 jacks W/2 panel TC and no end vert.

Left side jacks have 5-0-0 setback with 0-4-4 cant and 1-6-0 overhang. End jacks have 5-0-0 setback with 0-4-4 cant and 1-6-0 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 $\frac{Cq/RT=1.00(1.25)/10(0)}{RT=1.00(1.25)/10(0)} 7...$ **Harning** Houses require exercise care in fabrication. Inhabition. Supprinc. Histalline and bracking. Reter 10 mest 10 as could component salety independent on phalistied by the (Tribus plate usifiller, 58) become salety. Another, at 153799, and become the salety independent of the recombination. Another the salety independent of the recombination of the recom

TYP.

Wave

IMPORTANTFURRISH A COPY OF THIS DESIGN 10 THE INSTALLATION CONTRACTOR.

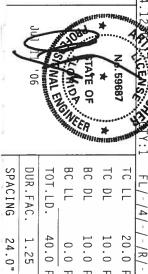
AIPHE ENGINEERD PRODUCTS, THE. SHALL NOT BE RESONISHED FOR ANY DEFINITION FROM THIS DESIGN: MAY FAILURE 10 BUILD THE PRODUCTS, THE. SHALL NOT BE RESONISHED FOR ANY DEFINION, SHALL OF THE SELECTION FOR THE PRODUCTS. HE PROVISIONS OF 1005 (MATIONAL DESIGN SPEC, BY AFRA) AND PH. ALPHE CONNECTION PHATES ARE HANDED OF 2010-1866A, (PLHISSY) ASIM ASS SHADE AND SHALL OF THE SHALL OF THE BRANCHED OF THE SHALL OF THE SHA

Alpine Engineered Products, Inc. 1950 Marley Drive

ALPINE

ficate of

33844 10n # 567



		1.25	DUR.FAC.
SEQN- 114690	PSF	40.0 PSF	TOT.LD.
HC-ENG DAL/AF	PSF	0.0 PSF	BC LL
DRW HCUSR487 06191026	PSF	10.0 PSF	BC DL
DATE 07/10/06	PSF	10.0 PSF	TC DL
REF R487 44864	PSF	20.0 PSF	TC LL

Scale =.5"/Ft.

24.0"

JREF 1SYS487_Z01

DESIGN SHOWN. THE SUITABILITY AND USE OF BUILDING DESIGNER PER ANSI/TP! I SEC. 2.

THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

SPACING

24.0"

JREF-

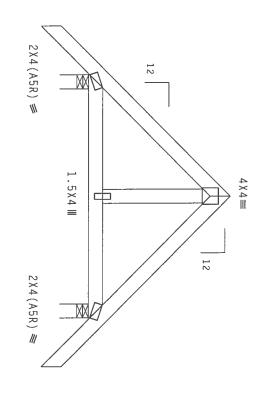
1SYS487_Z01

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

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

110 mph wind, 20.27 ft mean hgt, ASCE 7 02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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





K-1-0-0 R-295 U=180 W=3.5" -5-0-0 Over 2-6-0 2 Supports Q R-295 U-180 W-3.5" 0 **√**100 v

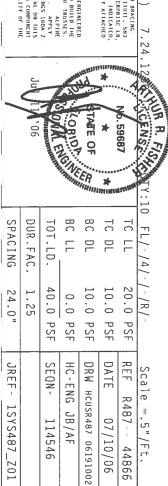
TYP. Wave

***MARNING** IRUSSIS RIQUIRE LYBERG CARE IN FARBICATION, IMANUIRG, SUPPUIRG, HISTALLING AND BRACING.
RUTRE TO RESEL TO 3 (BULDING COMPORUE SAFETY HORBACING PROBLEMENT OF THE CRUSS PARE INSTITUTE, SEA
D'ONOFRIO DR., SUITE 200, MADISON, MI 53719) AND MICA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN,
MADISON, MI 53719) FOR SAFETY PRACTICES PRIO NO TO PAREMENT THESE UNDETONS. HILLS O DIERWISE INDICATED,
TOP COMED SHALL HAVE PROPERTY ATTACHED STRUCTURAL PAREES AND BOITOM COMO SHALL HAVE A PROPERTY ATTACHED RIGID CEILING.

IMPORTANT*UURHISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FALURE TO BUILD THE PRODUCTS, THE. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS OCSIGN: ANY FALURE TO BUILD THE ROBOTICS, THE CONTRACT WITH THE THE PRODUCTS, THE CONTRACT WITH THE THE PROPERTY OF FARR CATTOR, AND THE THIS CASE OF THE PROPERTY OF THE CONTRACT WITH THE THE CONTRACT OF THE PROPERTY OF OF THE PROPER DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. ANY BUILDING IS THE RESPONSIBILITY OF THE

Alpine Engineered Products, Inc.
1950 Marley Drive
Hames City, FL 33844
ificate of tion # 56

ALPINE



R487-- 44866

07/10/06

JB/AF

114546

1SYS487_Z01

Top chord 2x4 SP #2 Dense Bot chord 2x6 SP #1 Dense Webs 2x4 SP #3 :W1, W2, W6,

₩8 2×4 SP

12

Dense

End verticals not exposed to wind pressure

Truss spaced at 24.0" OC designed to support $1\mbox{-}6\mbox{-}0$ top chord outlookers. Cladding load shall not exceed 10.00 PSF. Top chord must not be cut or notched.

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

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

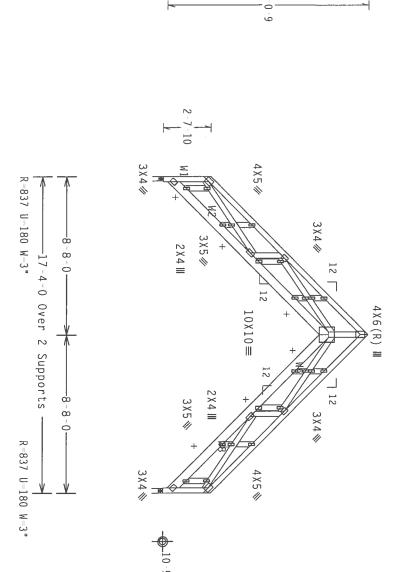
110 mph wind, $17.42~\rm ft$ mean hgt, ASCE 7–02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Calculated horizontal deflection is 0.23" 0.49" due to dead load. due to live load and

See DWGS A11030EE0405 & GBLLETIN0405 for more

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

Shim all supports to solid bearing.



---1

Note: All Plates Are 1.5X4 Except As Shown.

TYP. Wave

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

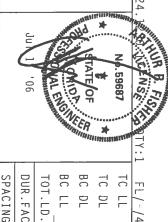
Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844 Ficate of ion # 56 ALPINE

RIGID CEILING.

IMPORTANTTURNISH A COPY OF THIS DISIGN TO THE INSTALLATION CONTRACTOR.

ALP'HE ENGINEERED PRODUCTS, INC. SIALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FALLURE TO BUILD THE RUSSES IN COME ORNAMED WITH THE THE PRODUCTS IN COME ORNAMED THE PRODUCT OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF 1005 (MAIDONAL DESIGN SPEC, BY REFAMA AND THE. APPLY CONTROCTOR PLAIGES ARE MADDE OF 70/189/160A. (MAIN'S ADEL) ASSTRACT AND ADDRESS OF THE PROPERTY AND THE ORNAMED STATES OF THE ORNAMED STATES OF THE ORDER ORDER OF THE ORDER ORDER OF THE ORDER OF THE ORDER ORDER OF THE ORDER OF THE ORDER ORDER OF THE ORDER ORDER ORDER OF THE ORDER ORDER OF THE ORDER DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. ANY BUILDING IS THE RESPONSIBILITY OF



	01	MINAGO	ENG!	EER WINNIN)*************************************	
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- 1SYS487_Z01		SEQN- 114877	HC-ENG DAL/AF	DRW HCUSR487 06191035	DATE 07/10/06	REF R487 44867

Scale =.1875"/Ft.

הודי השה נערי שערה יציהו לתווחורצ זעומי (דתשמי מ מזונרשיז המין ימחודו ובה מו ושמים

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W2 2x4 SP #2 Dense:
:lt Bearing Leg 2x4 SP #3::Rt Bearing Leg

2×4

SP

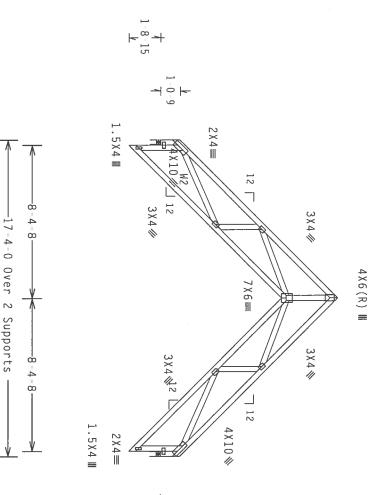
Calculated horizontal deflection is 0.15" due to live load and 0.31" due to dead load.

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

110 mph wind, 17.83 ft mean hgt, ASCE 7 02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

Shim all supports to solid bearing.



1

 $^{\circ}$

Design Crit: TPI 2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0) -832 U=180 W=3"

-832 U=180 W=3*

TYP. Wave

***MARNING** TRUSSES ACQUIEE EXTRINE CARE IN LABBICATION, IMADISMC, SUPPURIC, INSTALLING AND BRACHE.
RETER TO BEST 1 03 (BUILDING COMPORENT SAFETY INFORMATION), PUBLISMED BY TET (RUSS PLATE INSTITUTE, S83 0'0000FRIO DR., SUTTE 200, MADISON, HI 53719) AND MICA (4000 TRUSS COUNCIL OF ANERCA, 6300 ENTERPRISE IN. MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNILESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CETILING.

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

ALPINE CHICKECE
RECOGNISE, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIALOU REDGE THIS DESIGN:
RECOGNISE, INC. SHEALL NOT BE RESPONSIBLE FOR ANY DEVIALOU REDGE THIS DESIGN.

BESSIGN CONTRACT WITH THE PERSON OF FARRICATION, ANNOLUNG, SHIPPING, INSTALLING A BRACING OF TRANSES.

DESIGN CONTRACTS HAVE AND THE PROVISIONS OF INS (MAITOMAL DESIGN SPEC, BY ATRA) AND THI.

COUNTRICTOR PLAIES ARE PADE OF ZO/HO/FAGA (M.H/S/S) ASHA ASS GRADE 40/60 (M.K.M.S) GRAV. STEEL,

APPLY
PLAIES TO LACH FACE OF TRUSS AND, UNICES OTHERMISE LOCATED ON THIS DESIGN, POSITION PER BRACHINGS 160A-2

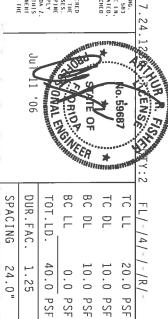
ANY INSPECTION OF PLAIES FACEOURD (M. SHALL) FOR ANY MILTING IS HE REPOSITION THE RUSS COMPONENT

BRACHE SHOWN.

HE SITEMALITY AND THE OF THIS CORPORANT CROWN AND INDICES THE REPOSITION TO SELECT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR BUILDING DESIGNER PER ANSI/TPI I SEC. 2. ANY BUILDING IS THE RESPONSIBILITY OF O2 SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT NG IS THE RESPONSIBILITY OF THE

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

ALPINE



PSF

PSF

SEQN-HC-ENG

114894

JREF

1SYS487_

_Z01

PSF PSF

DATE REF

07/10/06

44868

Scale = 1875"/Ft. R487--

DRW HCUSR487 06191036

DAL/AF

Z3)

Top Bot Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W2 2x4 SP #2 Dense:
:Lt Bearing Leg 2x4 SP #3::Rt Bearing Leg

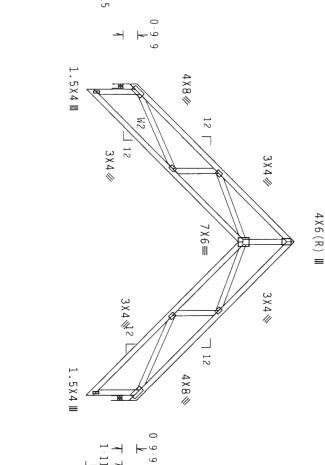
2x4 SP 3.

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

110 mph wind, 17.83 ft mean hgt, ASCE 7-02, CLOSED located within 4.50 ft from roof edge, CAT II, EXP DL=5.0 psf, wind BC DL=5.0 psf. bldg, not B, wind TC

Calculated horizontal deflection is 0.14 " 0.29 " due to dead load. due to live load

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



<u>—</u>—

8

R-832 U=180 W=3* -17 - 4 - 0 0ver N Supports 4 œ R=832 U=180 W=3"

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

TYP. Wave

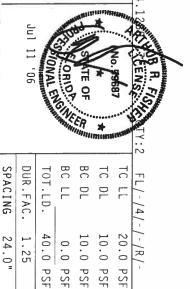
"**MARNING** IRUSE'S KLOHER EXTREM CARE IN FARRICATION, "MARDIAG, SHEPTING, TISTALLING AND BRACHIG. REFER TO BEST 10. GOUDENED AND COMPANIA CHAPTER SAFETY INDOMENTAL PARLES COLMETE OF MERICA, 6300 ENTERPISE U.B. MADISON, MESSION, MESSION RIGID CEILING.

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

ALPHE ENGINEERD PRODUCTS, INC. SHALL HOLD BE RESPONSIBLE FOR ANY DELYNATION FROM THIS DESIGN. ANY FALURR TO BUILD THE FRONCES, INC. SUPERANCE ATHER THE PRODUCTS AND FARE ANY FALURE TO BUILD THE FRONCES IN CONTRACTOR THE APPLICABLE PROVISIONS OF HIS CHAILONAL DESIGN SPEC, BY AFRAY, AND THE CONNECTED REPAIRS AND THE PROVISIONS OF HIS CONTRACTOR THATES, ARE MADE OF 70/19/1606 (M. 1/1/15), ASIA AGS JORADE 40/60 (M. 1/1/15), AGAY, STELL APPLY PHATES TO EACH FACE OF TRUSS AND, BUILESS OTHERWISE LOCATED ON THIS DESIGN, POSITION FOR DAWLINGS 160A Z. ANY HISTOCIAN OF FALES FOLURED BY (1) SHALL BE FER ANNEX AS OF 1971 2002 SEC.3. A STAL ON THIS DEALER HOSE AND THE TRUSS COMPONENT FOR THE TRUSS COMPO DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR BUILDING DESIGNER PER ANSI/TPL 1 SEC. 2.

Alpine Engineered Products, Inc. 1950 Marley Drive Hames City, FL 33844 ficate of 1950 Marley Drive 1956

ALPINE



PSF

SEQN-HC-ENG

JREF -

1SYS487_Z01

PSF

DRW HCUSR487 06191037

DAL/AF 114912

DATE REF

07/10/06 44869

PSF

Scale = .1875"/Ft. R487--

:Rt Bearing Leg 2x4 SP #3: chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3

(J) hanger connection not found in inventory file for this condition. Provide connection.

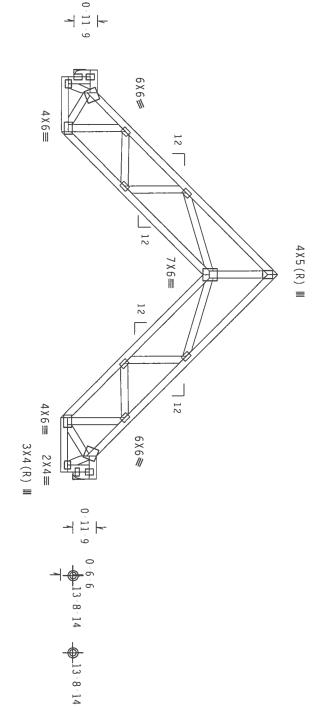
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 18.43 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 0.09 $^{\circ}$ 0.17 $^{\circ}$ due to dead load. due to live load and

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

Provide for complete drainage of roof



8

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Note: All Plates Are 3X4 Except As Shown.

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.

ALPTHE ENGLHERED PRODUCTS, INC. SMALL NOT HE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE FRUSES IN CONFORMANCE WITH PET.

OR FARBECTAINE, HADDEN, SHEETING, HANDLING, SHEPPING, LUSTALLING A BRACTING OF FRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HOS (MAITONAL DESIGN SPEC, BY AFRYA) AND TEL.

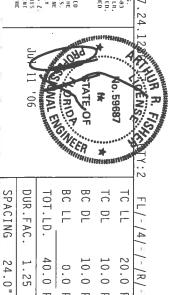
ALPTHE CONNECTOR PLANES AND OF ZO/JBJIGGA (M.H/S/K) ASTM AGES GRADE 40/50 (M.K/M.S) GALV, STEEL, APPLY PLANES TO EACH TACC OF THUSSES AND. HURESS ORDERHISE LOCALIDE ON THIS DESIGN, POSITION PER DRAWINGS 160A AZ. ANY THESPECTION OF PLANES FOLLOWED BY (1) SMALL BE PER ANNEE AS OF TEPTI-ZOOZ SEE 3.

A SEAL ON THIS DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI I SEC. 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TP11-20
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY

Alpine Engineered Products, Inc. 1950 Marley Drive Hames City, FL 33844 ficate of 1907 #567

ALPINE

RIGID CEILING.



10.0 PSF 10.0 PSF 20.0

DRW HCUSR487 06191028

DAL/AF

PSF

Scale = .25"/ft. R487---

DATE REF

07/10/06

44870

0.0 PSF PSF

40.0

SEQN-HC-ENG

114945

24.0"

JREF -

1SYS487_Z01

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Lt Bearing Leg 2x4 SP #3::Rt Bearing Leg 2x4 SP

#3:

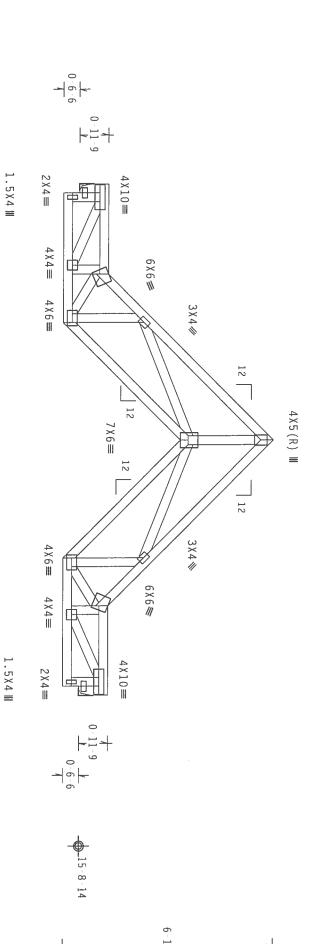
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.

Provide for complete drainage of roof

110 mph wind, 19.43 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.

condition. Provide connection. (J) hanger connection not found in inventory file for this

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



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

=775

บ=180 (ป)

4-3-0

16-10-0 3-10-8

0ver

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Supports 3 - 10 - 8

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4-3-0

R=775 U=180 (J)

PLT TYP. Wave

RIGID CEILING

IMPORTANTTURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR ANY FAILURE TO BUTCO THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUTCO THE RUSS'S IN CONTRACHACE ATH FOIL OF THE PRODUCTS IN CONTRACTOR THE PICE. THE PICE OF DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SULLY FOR THE RUSS COMPONENT UESLGN SHOWN. THE SUITABLETTY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER FER ANSI/IPL I SEC. 2.

Alpine Engineered Products, Inc.

ALPINE

Haines City, FL 33844 ficate of on # 567



		To a second	PINNING.	ER	**************************************	THE REAL
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JRFF- 1SYS487 Z01		SEQN- 114956	HC≔ENG DAL/AF	DRW HCUSR487 06191029	DATE 07/10/06	REF R487 44871

Scale = .3125"/Ft

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

:Lt Bearing Leg 2x4 SP #3::Rt Bearing Leg 2x4 SP

(J) hanger connection not found in inventory file for this condition. Provide connection.

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

110 mph wind, 20.43 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Max JT VERT DEFL: LL: 0.10" DL: 0.19" recommended camber 3/8"

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

Provide for complete drainage of roof

 $2 \times 4 =$ 6X8≡ 5 X 5 ≡ 6X6₩ 3 X 4 ∅ 5 X 6 ≡ 12 4 X 5 (R) Ⅲ 7 X 6 ≡ 12 12 3 X 4 // 5 X 6≡ 6X6₩ 5 X 5 = 6X8**≡** 2 X 4≡ $\begin{array}{c|c}
 0 - 11 - 9 \\
 \hline
 0 - 6 - 6 \\
 \hline
 4
 \end{array}$

R=759 U=180 (J) 6-3-0 16-10-0 Over 2 Supports 1-10-8 1-10-8 6-3-0 4-7-15 R=759 U=180 (J)

1.5X4 III

1.5X4 III

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

TYP.

Wave

WARNING RUSSIS REQUIRE LYRHEM CARE IN FAMBLEATION. HANDLING. SHIPPING, INSTALLING AND BRACING. RELER TO RESI I DI GNULLDING COMPONENT SAFETY HEORAGIND, PUNELISHED BY FEY (TRUSS FLAIL INSTITUTE, 983 D'HOGFRIO DR., SUITE 700, HADISON, MI 53719) AND WITCA (MODO BRUSS COUNCIL OF MERICA, STOOL ENLERRISE LH, MADISON, MI 53719) FOR SAFETY PRACILEES PRIOR TO PERFORMING THEST LUNCTIONS. DUNCESS OTHERSHISE HINDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED REGIO CEILLING.

IMPORTANT*UBRIESI A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALP JUE ENGINEER DE BRIDE THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY JALLER TO BRIDE THE RRISE IN CONTRACHAGE ATTHE PHY.

FRANKES IN CONTRACACE ATTHE PHY.

FRANKES SHE CONTRACT ATTHE PHY ISLENDED OF THIS CHALLONG DESIGN SPEC, BY ATRAYA AND THE CONTRACTOR PLATES, ARE ANDE TO TAPITATE CONTRACTOR PLATES, AND AND THE SHEEL APPLY PLATES TO TAPITATE OF TRUSS AND, UNITES CONTRACTOR OF THIS DESIGN. POSITION PER BRANDINGS HOAD.

PLATES TO LACH FACE OF TRUSS AND, UNITES CONTRACTS. CONTRACTOR OF THIS DESIGN. POSITION PER BRANDINGS HOAD. PRAIES 10 EACH FACE OF TRUSS AND, UNITES OHIERRISE LOCATED ON THIS DESIGN, POSITIONARY HISPECTION OF PLATES FOLLOWED BY (1) SIANT BE FER ANNEX AS OF TP11 ZOOS SEC.3

DRAWING HONTANES ACCEPTANCE OF PROTESSIONAL FRGHEERING RESPONSIBILITY SOLETY IP11 2007 SEC.3. A SEAL ON THIS BILLITY SOLELY FOR THE TRUSS COMPONENT BUILDING IS THE RESPONSIBILLITY OF THE

Alpine Engineered Products, Inc

ALPINE

ficate of on # 567

BUILDING DESIGNER PER ANSI/TPI | SEC.



10.0 PSF 10.0 PSF 20.0 PSF

DRW HCUSR487 06191030

DATE REF

07/10/06

44872

Scale =.375"/Ft. R487--

SPACING DUR.FAC. TOT.LD. 40.0 24.0" 1.25 0.0 PSF PSF JRFF-SEQN-HC-ENG DAL/AF

1SYS487

201

114963

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

Max JT VERT DEFL: LL: 0.14" DL: 0.20" recommended camber

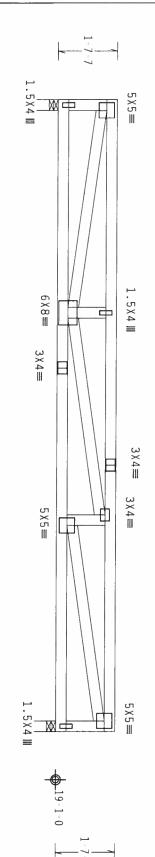
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

Truss must be installed as shown with top chord up.

110 mph wind, 20.70 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

Provide for complete drainage of roof.



Design Crit: TPI-2002(STD)/FBC

TYP.

Wave

 $^{\infty}$

=693 U=180 W=3.5"

17-4-0 Over 2 Supports

R=693 U=180 W=3.5"

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

WARNING IRUSSES REQUIRE EXIRCHE CARE IN FABRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING, RETER TO BEST LOS GRUIDING COMPONENT SACTIV INFORMATION, PUBLISHED BY PET IRUSS PLATE LUSSITUHE, 983 D'ONOFRO DR. SHITE ZOD, ANDISON, H. 52719) AND HECA (MOND BRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE UN. HADISON, H. 52710) FOR SACTIV PRACTICES PRIOR TO PIRTORNING THESE FUNCTIONS. UNLESS OTHERNISE LINCHARDS SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGIO CLILING.

IMPORTANTFURBISH A CUPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ARY FACLURE TO BRITCH THE PRODUCTS, INC. SUALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ARY FACLURE TO BRITCH THE TRUSS IN COMPORMANCE WITH 1PT:

OF FABRICATING, HANDLOS BRITCH THE PROPERTY OF THE THDICALES ANY BUILDING IS THE RESPONSIBILITY OF THE H, K/H.5) GALV. SIEEL, APPLY
N, POSITION PER DRAWLINGS 160A Z
DZ SEC.3. A SEAL ON THIS
SOLELY FOR THE TRUSS COMPONENT

Alpine Engineered Products, Inc.

ALPINE

Hames City, FL

33844 on # 567

BUILDING DESIGNER PER ANSI/IPI 1 SEC. 2.



				· · · · · · · · · · · · · · · · · · ·	11271180	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 1SYS487 Z01		SEQN- 114724	HC-ENG DAL/AF	DRW HCUSR487 06191031	DATE 07/10/06	REF R487 44873

Scale

.375"

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

End verticals not exposed to wind pressure.

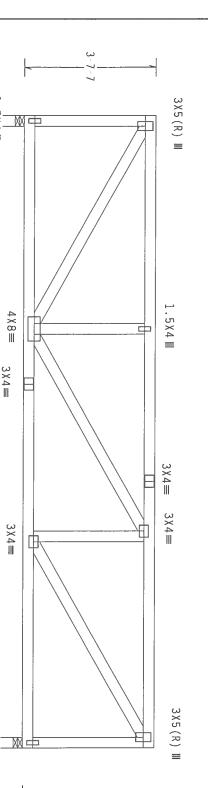
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

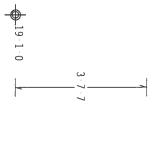
Truss must be installed as shown with top chord up

110 mph wind, 22.70 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

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

Provide for complete drainage of roof.





1.5X4

=693 U=180 W=3.5" -17:4-0 Over 2 Supports

 $^{\infty}$

.5X4 III

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

Design Crit:

R=693 U=180 W=3.5"

Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844 Teate of i 2n # 567 ALPINE BUILDING DESIGNER PER ANSI/TPI I SEC.

PLT TYP.

Wave

RIGIO CEILING

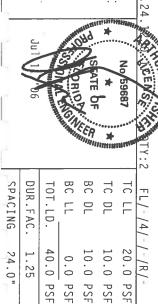
PROBUCTS, INC. SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION CONTRACTOR.

ALPINE ENGINEERED TRUSS IN CONFORMANCE WITH IP:

OR TABRICATING, MAINLING, SHIPPING, INSTALLING A BRACTHGO OF RUSSES,
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HOS (MAINJAN, DESIGNA SPEC, BY ALREA) AND FIL.

APPLICABLE OF TALKS, ARE MODE OF 20/14/16/06 (4)-1/15/27). ASTH AGS J GADGE 40/60 (4)-4/18/14.

APPLATES TO LACIL FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON HITCONFORM. **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. DESIGN SHOWN. THE SUITABLE ANY INSPECTION OF PLATES GGA. (H.H/S/K). ASHA A653 GRADE 40/60 (H. K/H.S) GALV. SIEEL. APPL HIESS OHIERHIS LOCATED OH HIS DESIGN. POSITION PER DRAWHES 160A Z (1) SHALL HE FIR AMBEX A3 OF TP11/2002 SEC. 3. A SEAL OH HIS FESSIONAL FUNCHER HIG AKSPONSIBILITY SOULLY FOR HIE TRUSS COMPONENT U.S. OF THIS COMPONENT OR AMY BUILDING IS THE RESPONSIBILITY OF THE



0.0 PSF

PSF

SEQN-HC-ENG

114718

JREF-

1SYS487 Z01

PSF

Scale = .375"/Ft. R487--

DATE REF

07/10/06

44874

DRW HCUSR487 06191032

DAL/AF

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

End verticals not exposed to wind pressure.

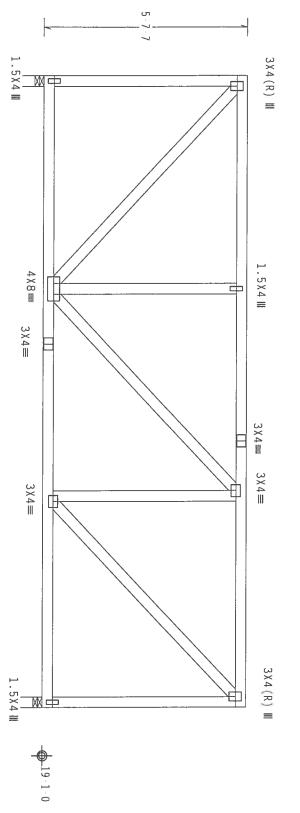
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is $1.50\,\mathrm{cm}$

110 mph wind, 24.70 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

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

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up



U=180 W=3.5"

-17-4-0 Over 2 Supports

R=693 U=180 W=3.5"

Scale

375"/Ft.

R = 693

PLT

TYP.

Wave

WARNING HRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, METER TO REST 1-D3 (BUILDING COMPONENT SAFETY INCORMATION), PUBLISHING BY DTY (TRUSS PLATE INSTITUTE, 593 D "OHOFRIO DB., SUITE ZOO, HANDLSO, HAI SAZYED AND WICK, (MODD BRUSS COUNCIL OF ATHRICA, SADO ENTERRYSE LH, HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PREFORMING THESE FUNCTIONS. HUMESS OTHERWISE THOTCASED, UP CHORD SHALL HAVE PROPERLY ATTACHED RIGID CETTING. TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0)

Design Crit:

IMPORTANT*UBBLISH A COPY OF THIS DESIGN TO THE THISTALLATION CONTRACTOR. ANY FALURE TO BUILD THE PRODUCTS, THE SHALL HOT BE RESPONSIBLE FOR ANY DEVALATION FROM THIS DESIGN. ANY FALURE TO BUILD THE TRUSSES IN CONFORMANCE WITH THE THE FRANCE FOR THE PRODUCTS OF THE FRANCE FOR THE PROJECT OF THE PROJECT OF THE BOARDINGS FOR THE PROJECT OF THE BOARDINGS GOAL ANY INSPECTION OF THATES FOLLOWED BY (1) SHALL BE PER ANIBES TO THE PROJECT OF THE FRANCE FOR THE PROJECT OF T DESIGN SHOWN. THE SUITABILITY AND BUILDING DESIGNER PER ANSI/IPI I SEC. ANY INSPECTION OF PIATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF IPIL-20 DRAWLING INDICATES. ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY ISJONS OF HDS (MATIONAL DESIGN SEEC, BY ALRA) AND FPI.

APPLY
HEESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 166A Z.

(1) SHALL BE FER AMERY AS OF TPIL-2002 SEC.3.

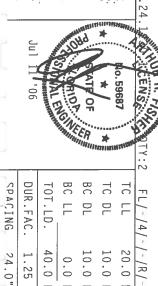
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BESTONAL LIBRITERING RESPONSEINTITY SOLELY FOR HEE HEMS COMPONENT HIS

Alpine Engineered Products, Inc. 1950 Marley Drive

ALPINE

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33844 on # 567



J.				***************************************	107711611	Hitten.
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
7		PSF	PSF	PSF	PSF	PSF
JRFF- 1		SEQN-	HC-ENG DAL/AF	DRW нси	DATE	REF R4
JRFF- 1SYS487 Z01		114712	DAL/AF	DRW HCUSR487 06191033	07/10/06	R487 44875

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

End verticals not exposed to wind pressure.

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

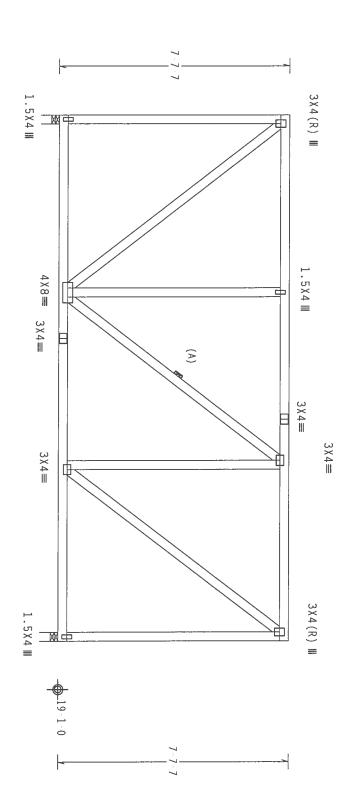
Provide for complete drainage of roof

110 mph wind, 26.70 ft mean hgt, ASCE 7–02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC Dl=5.0 psf.

(A) Continuous lateral bracing equally spaced on member

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is $1.50\,\mathrm{.}$

Truss must be installed as shown with top chord up



=693 U--201

M=3.5

·17[©]4-0 Over 2 Supports

R=693 U=201 W=3.5"

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

PLT TYP.

Wave

*****MARNING** IRUSEES REQUIRE EXTREME CARE IN FARRICATION, IMADILINE, SHIPPINE, INSTALLING AND BRACCINE,
RETHE TO REST IN DOT, DUNILIDING COMPORUM TASTLY INFORMATION), PROLECTION BY INTERCAL GROUND THE SPECIAL REPORTS. LIN,
MADISON, MI 15719) FOR SAFITY PRACTICES PRIOR TO PERFORMINE THESE FUNCTIONS. UNITES ONICHAISE THORACISE,
TOP CHORN SHALL HAVE PROPERLY ATTACHED STRUCKED AND BOTTOM CHORN SHALL HAVE A PROPERLY ATTACHED. KIGID CEILING

IMPORTANTTURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPTHE ENGINEERED PRODUCTS, THE. SHALL NOT BE RESPONSIBLE FOR ANY DETAILOR FROM THIS DESIGN:

RECONDECTED AND THE RESPONSIBLE FOR ANY DETAILOR FROM THIS DESIGN:

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CONNECTION PLAITS ARE MODE OF 70/189/160A (M. 14/SF), ASTH ASSE SHADE A0/56 O(R. M. 14/SF), ASTH ASSE AND THIS DESIGN. POSITION PER RAWAINGS 160A. APPLY

TALTES ID EACH FACE OF TRUES AND . UNLESS OTHER HIS COCATED ON THIS DESIGN. POSITION PER RAWAINGS 160A. ANY INSPECTION OF PLAITS FORLOWED IN SMALL BE FER ANIELY AS OF THIS CONFORMATION THE ASSESS COMPORERS

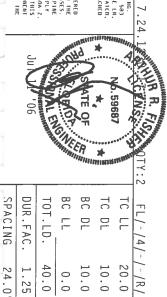
DESIGN SHOWN. HE SALL MALLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

Alpine Engineered Products, Inc.

ALPINE

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33844 on # 567



10.0

PSF

DATE REF

07/10/06

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10.0 PSF 0.0 PSF

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Scale =.3125"/Ft. R487-

40.0

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SEQN-

114706

HC-ENG

DAL/AF

24.0" 1.25

JREF-

1SYS487 Z01

FORM 600B-97

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION Residential Component Prescriptive Method B Department of Community Affairs

NORTH 1 2(3)

Compilarice with Method B Chapter 6 of the Florida Energy Efficiency Code may be demonstrated by the use of Form 600B-97 for single and multifarmity residences of a stories of rest additions to existing residential buildings. To compry, a building must meet or exceed all of the energy efficiency prescriptives in any one of the prescriptive component such as the prescriptive measures listed in Table 68-1 of this form. An alternative method is provided for additions of 600 square feet or less by use of Furn 6000. 37 This section is provided for additions of 600 square feet or less by use of Furn 6000. 37 This section is provided for additions of 600 square feet or less by use of Furn 6000. 37 This section is provided for additions of 600 square feet or less by use of Furn 6000. 37 This section is provided for additional or form 6000. PROJECT NAME: 15/10 TSCN

PROJECT NAME AND ADDRESS.	TilloTSON	BUILDER: 6 PERMITTING OFFICE:	20cm	16.A	SCIL COR CLIMATE ZONE:	1 2	36
OWNER: MICH	H A APRYLL TILLOTSON	PERMIT NO :	25	508 y	JURISDICTION N	22/	000
GENERAL DIRECTION 'vew construction incl 's elignts or other non 'coose one of the cor 'n all the applicable exes 'poste nade codes activity and many services	S . uding additions which incorporates alt, or the following feati	orens te comp. v e alt intalion requeste o indicate your intent l	ugrane Lobe u All Tube	in an approac	ne delle	377 e = 3	
				 	Please Print		CK
	package chosen (A-F)		1.				
	ction or addition		2.				
	detached or Multifamily attached		3.				
	—No. of units covered by this submis	ssion	4.				
	st case? (yes / no)		5.	2500	÷ 7		
	floor area (sq. ft.)		6. 7	OC) C	1		
	eave overhang [#]		1	ngie Par		= 8	
8. Glass type at			8a.		sq 11 27	2 30 4	
a Clear b Tint f	ilm or solar screen		8b.		sq i be 7	SG "	
	of glass to floor area		9.	18	2.0		
	rea or perimeter, and insulation		9	1		•	
	on grade (R-value)		10a	R=		Jrs. 35	
	raised (R-value)		105	R=		9G II	
	, common (R-value)		10c ·	R=		50 11	
: Conc	rete, raised (R-value)		100	R=		302 11	
e Cond	rete, common (R-value)		10e	R=		80 77	
Ha Wall type, and	ea and insulation:						
a Exien	or 1 Masonry (Insulation Assaule)		11a-1	R=		50 1	
	Wood frame (insulation R-value)		11a-2	R= /	3	_ SQ 1	
b Aujac	ent. 1. Masonry (Insulation R-value)		11b-1	R=		_ 5Q II	
	2 Wood frame (Insulation R-value)		11b-2	R=		- 5G **	
	area and insulation:		1000	n 2			
	rattic (Insulation A value)		12	H= _ (Q	= 122	
	assembly (Insulation R-value)		120	R=		G111 222	
	on System: Duct insulation, location		13.	R= /	22111001		
14. Cooling syste			1		ENTRAL		
Tipes central (som and package ferminal A.C. gas nones		Ī	SEER/EE			
15 Haating over	am:		200	Capacity		11121	
15. Heating syste	em. p elec structual glas i to gas tro routh or t	LAC SUSSE	15a. T	ype / ISPF/CO	TEAT F	-, 11/	
, ago man guro;	present that the gas 2 gas, gas in principle of a	LOSS TRUINE			7. 7		
16. Hot water sys	stem:				ELECTRI		
•	gas LP gas solal fleatifer, ded fleat pump o	ther none)	16b E		98		

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