Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844 Florida Engineering Certificate of Authorization Number: 567 Florida Certificate of Product Approval # FL1999 Page 1 of 1 Document ID:1SZH487-Z0104151744

Truss Fabricator: Anderson Truss Company

Job Identification: 6-268 - Glenwood King Gray -- , **

Truss Count: 98

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

Description

Drawing#

Minimum Design Loads: Roof - 32.0 PSF @ 1.25 Duration

Floor - N/A

Wind - 110 MPH ASCE 7-02 -Closed

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

67653--D2

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

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

Date

06215051 08/04/06

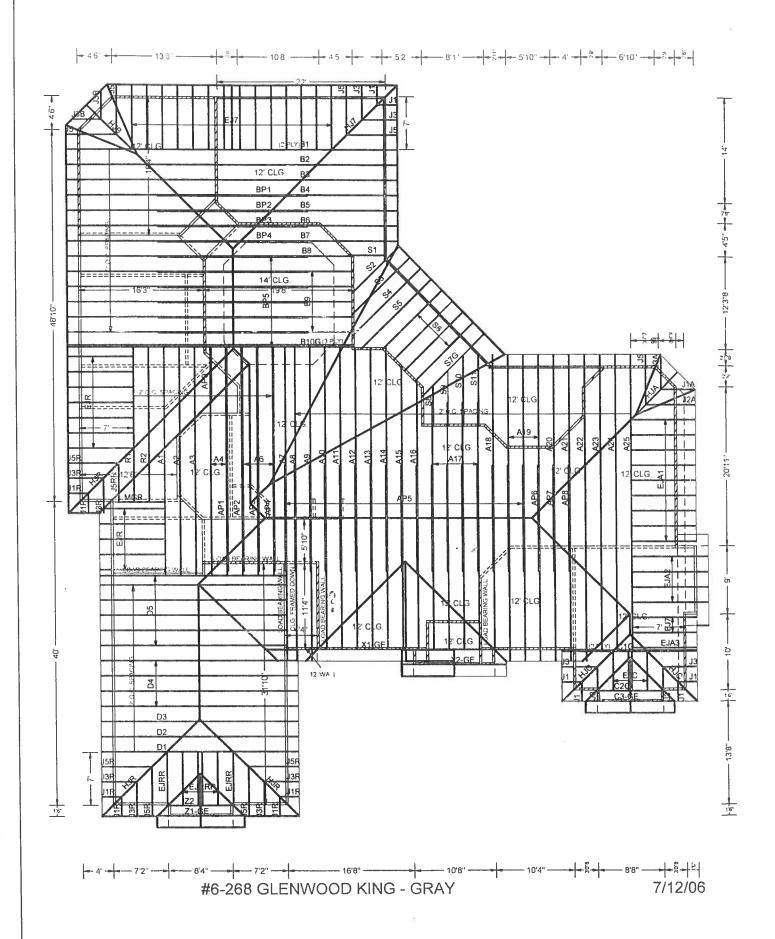
#	Ref Description	Drawing#	Date
1	67615 A1	06216006	08/04/06
2	67616A2	06216007	08/04/06
3	67617A3	06216008	08/04/06
4	67618 A4	06216009	08/04/06
5	67619A6	06216010	08/04/06
6	67620A7	06216011	08/04/06
7	67621A8	06216012	08/04/06
8	67622- A9	06216013	08/04/06
9	67623A10	06216014	08/04/06
10	67624 A11	06216015	08/04/06
11	67625A12	06216017	08/04/06
12	67626A13	06216038	08/04/06
13	67627 A14	06216018	08/04/06
14	67628A15	06216019	08/04/06
15	67629A16	06216020	08/04/06
16	67630A17	06216021	08/04/06
17	67631A18	06216022	08/04/06
18	67632A19	06216023	08/04/06
19	67633A20	06216024	08/04/06
20	67634A21	06216025	08/04/06
21	67635A22	06216026	08/04/06
22	67636A23	06216027	08/04/06
23	67637 A24	06216028	08/04/06
24	67638A25	06216029	08/04/06
25	67639B1	06216035	08/04/06
26	67640B2	06216036	08/04/06
27	67641B3	06216037	08/04/06
28	67642B4	06216039	08/04/06
29	67643B5	06216040	08/04/06
30	6764486	06216041	08/04/06
31	67645B7	06216042	08/04/06
32	67646B8	06216043	08/04/06
33	67647B9	06216044	08/04/06
34	67648B10G	06216016	08/04/06
35	67649C1G	06216047	08/04/06
36	67650C2G	06216048	08/04/06
37	67651C3-GE	06216049	08/04/06
38	67652D1	06216050	08/04/06

40	67654D3	06216052	08/04/06
41	67655D4	06216053	08/04/06
42	67656D5	06216054	08/04/06
43	67657 HJ7	06216034	08/04/06
44	67658 EJ7	06216032	08/04/06
45	67659J5	06216030	08/04/06
46	67660 J3	06216055	08/04/06
47	67661 J1	06216056	08/04/06
48	67662J1A	06216057	08/04/06
49	67663J2A	06216058	08/04/06
50	67664J3A	06216059	08/04/06
51	67665HJA	06216060	08/04/06
52	67666EJA1	06216061	08/04/06
53	67667EJA2	06216062	08/04/06
54	67668EJA3	06216063	08/04/06
55	67669HJB	06216033	08/04/06
56	67670J3B	06216031	08/04/06
57	67671HJC	06216046	08/04/06
58	67672EJC	06216045	08/04/06
59	67673MGR	06216004	08/04/06
60	67674HJR	06216064	08/04/06
61	67675EJR	06216005	08/04/06
62	67676EJRR	06216065	08/04/06
63	67677EJRRR	06216066	08/04/06
64	67678J5R	06216067	08/04/06
65	67679J5RR	06216003	08/04/06
66	67680J3R	06216068	08/04/06
67	67681J1R	06216069	08/04/06
68	67682AP1	06216070	08/04/06
69	67683AP2	06216071	08/04/06
70	67684 AP3	06216072	08/04/06
71	67685 AP4	06216073	08/04/06
72	67686 AP5	06216074	08/04/06
73	67687 AP6	06216075	08/04/06
74	67688AP7	06216076	08/04/06
75	67689 AP8	06216077	08/04/06
76	67690 - AP9	06216078	08/04/06

	#	Ref Description	Drawing#	Date
	77	67691BP1	06216079	08/04/06
	78	67692BP2	06216080	08/04/06
	79	67693BP3	06216081	08/04/06
	80	67694BP4	06216082	08/04/06
	81	67695BP5	06216083	08/04/06
	82	67696R1	06216001	08/04/06
	83	67697R2	06216002	08/04/06
	84	67698S1	06216084	08/04/06
Ì	85	67699S2	06216085	08/04/06
ı	86	67700S3	06216086	08/04/06
ı	87	6770154	06216087	08/04/06
ı	88	6770255	06216088	08/04/06
ı	89	6770356	06216089	08/04/06
ı	90	67704S7G	06216090	08/04/06
ı	91	67705 S8	06216091	08/04/06
ı	92	67706S9	06216092	08/04/06
ı	93	67707S10	06216093	08/04/06
	94	67708511	06216094	08/04/06
	95	67709X1-GE	06216095	08/04/06
	96	67710X2-GE	06216096	08/04/06
	97	67711Z1-GE	06216097	08/04/06
Ì	98	67712Z2	06216098	08/04/06

-Truss Design Engineer-





Alpine Engineered Products, Inc. 1950 Marley Drive Hames City, FL 33844 Bearing blocks: Nail type: 12d Common (0.148"x3.25", min.) nails BRG x LOC #BLOCKS LENGTH/BLK #NAILS/BLK WALL PLATE 1 0.000' 1 12" 4 Match Truss PLT The TC of this truss shall be braced with attached spans at 24" OC in lieu of structural sheathing Bearing block to be same size and species as bottom chord. Refer to drawing CNBRGBLK1103 for additional information. Top chord 2x6 SP #1 Dense Bot chord 2x8 SP #1 Dense Webs 2x4 SP #3 :W2 2x4 SP In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C. Max JT VERT DEFL: LL: 0.11" DL: 0.17" recommended camber End verticals not exposed to wind pressure. 6 in lieu of structural sheathing. ·268--Glenwood King Gray TYP. ALPINE Wave $^{-10}$ N **IMPORTANI***UNUNISH A COMY OF THIS DESIGN TO HE INSTALLATION CONTRACTOR. ALPHE ENGINEERIN PROMOTES, THE STALLATION EXISTS. SHALL WIS DE RESENSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FALTRE TO BUILD HE RUSSES IN CONTRIBUNCE WITH 1P1: PROVES FAREICATING, UNABLING, SUPPTHE, INSTALLING & BRACING OF THIS SESSES. DESIGNATION OF THIS CONTRIBUNCATION OF THIS CONTRIBUNCATION. ALPHAL CONTRIBUNCATION AND THE APPLICABLE PROVISIONS OF THIS CONTRIBUNCATION OF THIS CONTRIBUNCATION OF THIS CONTRIBUNCATION. =3762 U=967 W=3.5" PLAIES O EXCHETACE OF HRUSS AND. UNIESS OTHERHISE LOCATED ON HINS DESIGN AND HISPECTION OF PLAIES FOLLOWED BY 15 SHALL BE FEE ANNEX AS OF TPIL 27 BRANHER AND ACCEPTANCE OF POPERSSIONAL ENGINEERING RESPONSIBILITY OF PROFESSIONAL ENGINEERING RESPONSIBILITY OF PROFESSIONAL ENGINEERING RESPONSIBILITY AND CONTINUE SUPPOSED ANY BUILDING DESIGNER FER ANSI/FPIL SEC. 2. RIGID CEILING. 6X8 (R) Ⅲ 5×4 Ⅲ #2 Dense: $\widehat{\mathbb{A}}$ A A1) Design Crit: 7X8(R) Ⅲ 5X4(R) III B/16GA (H.H/S/K) ASIH A653 GRADE 40/60 (H. K/H.S) GALY. SITEL. APPLY UNICSS OTHERHISE LOCATED ON THIS DESIGN. POSITION FER DRAMINGS ABOA BY (I) SHALL BE PER ANNEX A3 OF TPHI 2002 SEC.3. A SEAL ON THIS PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE IRUSS COMPONENT \supseteq 4 X 4 ≡ 9 ά TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 10 X 10 = .5X4 Ⅲ 29-11-0 Over 2 BUILDING IS THE 10X14≤ RESPONSIBILITY OF 1.5X4 III ALPINE ENGINEERED Supports = 9 X 9 9 4-0-0 110 mph wind, 19.34 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. SPECIAL LOADS Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50. (A) Continuous lateral bracing equally spaced on member Provide connection for concentrated load(s) shown From 65 PLF at 0.00 t From 20 PLF at 0.00 t 205 LB Conc. Load at 0 79 LB Conc. Load at 0 1909 LB Conc. Load at 0 5 X 6 ≡ €X8≡ (LUMBER DUR.FAC.=1.25 Aug THUR R. 65 PLF at 0.00 to 20 PLF at 0.00 to LYCENSE No. 69687 ATE OF 4 X 6 (R) 90. 3-0 × 0.73, 0.73, 9.60 / PLATE DUR.FAC.=1.25)
to 65 PLF at 29.92
to 20 PLF at 29.92
0.73, 2.73, 4.73, 6.
0.73, 2.73, 4.73, 6. 4 X 5 (R) III R = 2109(A) \supseteq BC LL BC DL TC DL SPACING TC LL DUR.FAC. TOT.LD. FL/-/4/-U=410 10-0-0 / × / R / 40.0 10.0 10.0 20.0 24.0" 1.25 0.0 6.73, 6.73, PSF PSF PSF PSF PSF 10 10 8.73 8.73 DATE REF JRFF-SEQN-DRW HCUSR487 06216006 HC-ENG Scale = .1875"/Ft. R487--1SZH4R7 TCE/AF 08/04/06 120574 67615 201

*

6

Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 :W4 2x4 SP

End verticals not exposed to wind pressure.

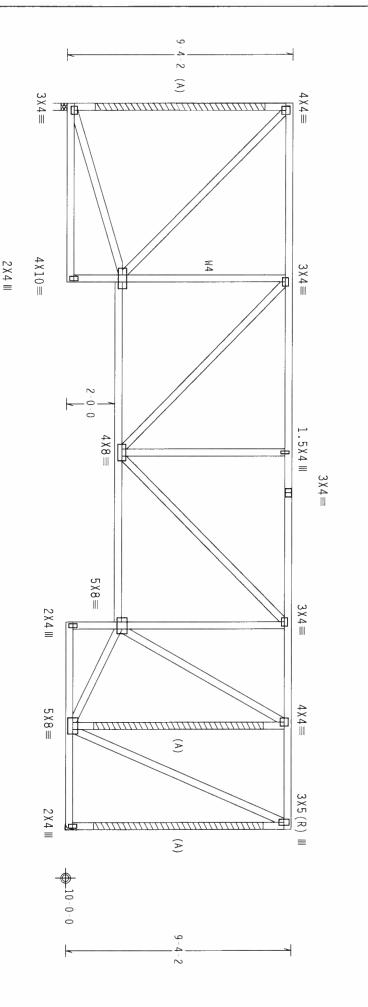
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.

110 mph wind, 19.34 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) SP #3 or better scab brace. Same size & 80% length of web member. Attach with 10d Box or Gun (0.128"x3".min.)nails @ 6"

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





TYP. Wave

R=1197 U=208 W=3.5"

-4-0

-29-11-0 Over 2 Supports

14-0-0

8-7-0

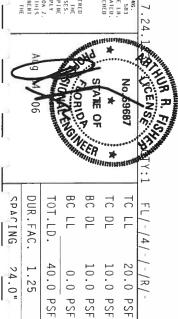
R=1197 U=208

WARN.W6 TRUSSES REQUIPE EXTRINE CARE IN FARRICATION, WANDLING, SHIPPING, HISTAILING AND BRACING. RETER TO BEST 10 3 (BUILDING COMPONERT SAFETY INFORMATION), PUBLISHED BY FIF (TRUSS PLATE INSTITUTE, 883 D'UNGOTRIO BR. SHITE 200, MADISON, NI 53719) AND MICA (MODO TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE UN. MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNITES OTHERHIST INDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL FAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL FAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED REGIO CEILING.

Design Crit:

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

IMPORTANT*URBLISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR
ROBUCTS, INC. SHALL HOLD BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FALURE TO BUILD THE
RRISES IN CONFORMANCE WITH THE THE OF CARRICATING, IMBOLING, SHEPPING, INSTALLING & BRACING OF RUNSESS.
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HOS (MATICHAL DESIGN EFFC, BY AFRA) AND THI. APPLY
PHATES TO LACH FACE OF TRUSS AND, UNITESS OTHERWISE LOCATED ON THIS DESIGN ENGLY BY AFRA) AND THIS APPLY
PHATES TO LACH FACE OF TRUSS AND, UNITESS OTHERWISE LOCATED ON THIS DESIGN. PROSTION FER BRACHINGS HOAD. ANY INSPETITION OF PLATES FOLLOWED BY (1) SHALL BE PER AINI DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONEN ONSIBILITY SOLELY FOR THE TRUSS COMPONENT ANY BUILDING IS THE RESPONSIBILITY OF THE



PSF PSF

SEQN-HC-ENG

118508

JRFF-

1SZH4R7 Z01

PSF

Scale = .25"/Ft.

R487-- 67616

DATE REF

08/04/06

DRW HCUSR487 06216007

TCE / AF

(6 268 Glenwood King Gray , ** A3)

Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 :W4 2x4 SP

#2:

End verticals not exposed to wind pressure.

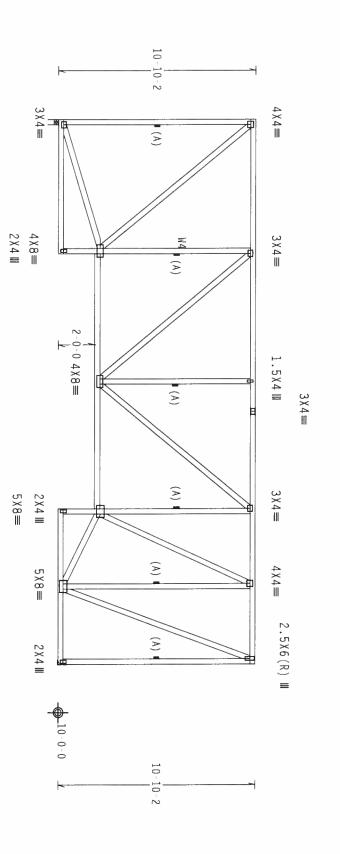
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

110 mph wind, 20.84 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(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.

Truss must be installed as shown with top chord up.





Design Crit: TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0) issis flower exerting case in particular, imadding, suppring, instacting and to routing component safety information), published by tp1 (truss plate institution).

PLT

TYP.

Wave

MARNING TRUSSIS REQUIRE CESTREN, CARE IN FARRICATION, DARNING, SHIPPING, INSTALLING AND BRACING.

RETER TO BEST I O3 (BUILDING COMPONENT SAFELY INFORMATION), PUBLISHED BY IPI (RRISS PLATE INSTITUTE, 583
D TOUDTED DB., SUITE ZOD, PROISON, HI 53759) AND HECA (HOODD HRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LIN,
HADISON, HI 53759) FOR SAFETY PRACTICES PRIOR TO PERFORMING HISE FUNCTIONS. UNLESS OHERHISE, INDICATED,
TOP CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED
RIGID CEILING.

IMPORTANTGURRIISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED

IMPORTANTTHRRISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD HE BRUSS IN CONTRACKAGE ANY FAILURE TO BUILD HE BRUSS IN CONTRACKAGE ANY FAILURE. TO BE FARRICALING, HANDLING, SHIPPING, INSTALLING & BRACING OF REMSESS, DESIGN CONTRACKS AND FROM THE PLACE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY AFAPA) AND FRI. APPINE CONNECTOR PLATES ARE HADE OF 70/18/16/36 (N-H/S/K), ASTH A653 GRADE 40/50 (N, K/H,S) GALV. SIEEL APPLY PLATES TO LACH FACE OF TRUSS AND. UNITESS OTHER HIS LOCATED ON THIS DESIGN, POSITION PER DRAWHIGS 160A Z ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FEE AMEN'X AS OF FPI 2002 VCC. 3.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FEE AMEN'X AS OF FPI 2002 VCC. 3.

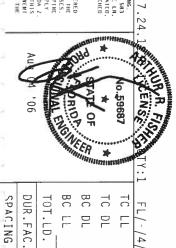
BRAVING INDICALES ACCEPTANCE OF PROFESSIONAL BEGINNERING DESPONSIBILITY SOLELY FOR HEE BUSS COMPONENT DESIGN SHOWN.

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

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

BUILDING DESIGNER PER ANSI/IPI 1 SEC.

ALPINE



		-011	MAIN	# Innun	DIFFE
	TOT.LD.	BC LL	BC DL	TC DL	TC LL
	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
Control of the contro	SEQN- 118512	HC-ENG TCE/AF	DRW HCUSR487 06216008	DATE 08/04/06	REF R487 67617

Scale =.1875"/Ft.

24.0"

JREF-

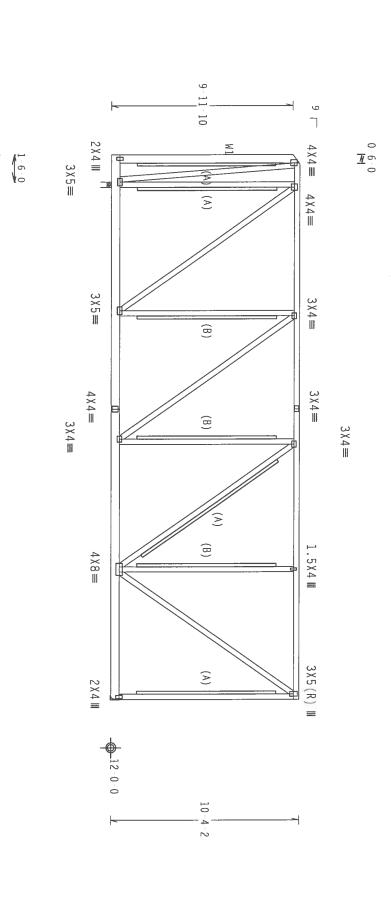
1SZH487 Z01

Top chord 2x4 SP #2 Dense Bot chord 2x6 SP #1 Dense Webs 2x4 SP #3 :W1 2x6 SP Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50. (A) 2x6 SP #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" 0C. (6-268--Glenwood King Gray #2: A4) End verticals not exposed to wind pressure

110 mph wind, 22.34 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.

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

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



***WARNING** PRUSES REQUISE EXTERN CARE IN FARRICATION, MANDING, SUPPLIES, INSTALLING AND BRACING, RELER TO REST 10-03 (BULLDING COMPORITY SALEY INFORMATION), PUBLISHED BY PET (TRUSS PALA)E INSTITUTE, SES D'ONDERIO DR. SUITE 200, MADISON, MI 53719) AND MICA (MODD INUSS COUNCEL OF MERICA, 6000 ENTERPRISE UN, MADISON, MI 53719) FOR SALETY PRACTICES PRIDE IN PERFORMING THESE FUNCTIONS. UNICESS OTHERNISE INDICATED OP CORDS SHALL HAVE PROPERTY ATACHED STRUCTURAL PARELS AND BOTTOM CHOOD SHALL HAVE A PROPERTY ATACHED TO CORDS SHALL HAVE PROPERTY ATACHED STRUCTURAL PARELS AND BOTTOM CHOOD SHALL HAVE A PROPERTY ATACHED TO CORDS SHALL HAVE PROPERTY ATACHED STRUCTURAL PARELS AND BOTTOM CHOODS SHALL HAVE A PROPERTY ATACHED TO CHOOSE SHALL HAVE PROPERTY ATACHED STRUCTURAL PARELS AND BOTTOM CHOODS SHALL HAVE A PROPERTY ATACHED TO CHOOSE SHALL HAVE PROPERTY ATACHED STRUCTURAL PARELS AND BOTTOM CHOODS SHALL HAVE A PROPERTY ATACHED TO CHOOSE SHALL HAVE PROPERTY ATACHED STRUCTURAL PARELS AND BOTTOM CHOODS SHALL HAVE A PROPERTY ATACHED TO CHOOSE SHALL HAVE PROPERTY ATACHED STRUCTURAL PARELS AND BOTTOM CHOODS SHALL HAVE A PROPERTY ATACHED TO CHOOSE SHALL HAVE PROPERTY ATACHED STRUCTURAL PARELS AND BOTTOM CHOODS SHALL HAVE A PROPERTY ATACHED TO CHOOSE SHALL HAVE PROPERTY ATACHED STRUCTURAL PARELS AND BOTTOM CHOODS SHALL HAVE A PROPERTY ATACHED TO CHOOSE SHALL HAVE PROPERTY ATACHED STRUCTURAL PARELS AND BOTTOM CHOODS SHALL HAVE A PROPERTY OF ATACHED STRUCTURAL PARELS AND BOTTOM CHOODS SHALL HAVE A PROPERTY OF ATACHED STRUCTURAL PARELS AND BOTTOM CHOODS SHALL HAVE A PROPERTY OF ATACHED STRUCTURAL PARELS AND BOTTOM CHOODS SHALL HAVE A PROPERTY OF ATACHED STRUCTURAL PARELS AND BOTTOM CHOODS SHALL HAVE A PROPERTY OF ATACHED STRUCTURAL PARELS AND BOTTOM CHOODS SHALL HAVE A PROPERTY OF ATACHED STRUCTURAL PARELS AND BOTTOM CHOODS SHALL HAVE A PROPERTY OF A TACHED STRUCTURAL PARELS AND BOTTOM CHOODS SHALL PARELS AND CHOODS SHALL PARE RIGIO CETLING Cq/RT=1.00(1.25)/10(0)

PLT TYP.

Wave

R=1339 U=257 W=3.5"

29-11-0 Over 2 Supports

R=1204 U=251

Design Crit:

TPI -2002 (STD) /FBC

7.24

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

Scale = .1875"/Ft. R487--

08/04/06

67618

IMPORTANTTURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPTHE ENGINEERED PRODUCTS, INC. STALL NOT BE RESPONSIBLE FOR ANY DEVIATION ROOM THIS DESIGN: ANY FAILURE TO BUILD THE RUSSES IN CONFERMANCE ATTHE 191:

RUSSE IN CONFERMANCE ATTHE 191:

OF LABRICALTHIC, MANDLING, SHIPPING, INSTALLING A BRACTHE OF TRUSSES, DESIGN CONFERMANCE ATTHE 191:

OF LABRICALTHIC, MANDLING, SHIPPING, AND FOR THE APPLICANTE OF TRUSSES, AND THE APPLICANTE OF TRUSSES. ANY HISPICTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A 30 F 1911 2002 SEC.3. A SEAL ON THIS DRAWING INDICALES ACCEPTANCE OF PROFESSIONAL EMBERGERING RESPONSIBILITY SOLECTION THE BRUSS COMPONENT DESIGN SWORM. HE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

* BC DL $T_{\rm C}$ TC LL SPACING DUR.FAC. TOT.LD. Ę 10.0 24.0" 40.0 20.0 PSF 1.25 10.0 PSF 0.0 PSF PSF PSF REF JRFF-SEQN-DATE HC-ENG DRW HCUSR487 06216009

TCE / AF

121102

1SZH487 Z01

Alpine Engineered Products, Inc. 1950 Marley Drive Hames City, FL 33844 ALPINE BUILDING DESIGNER PER ANSI/IPI 1 SEC

(6-268--Glenwood King Gray * A6)

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP P #2 Dense P #2 Dense P #3 :W1 2x6 SP

#2:

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

20

(A) 2x6 SP #3 or better "T" brace. 80% length of web member, attached with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" OC. (1) continuous lateral brace equally spaced on member.

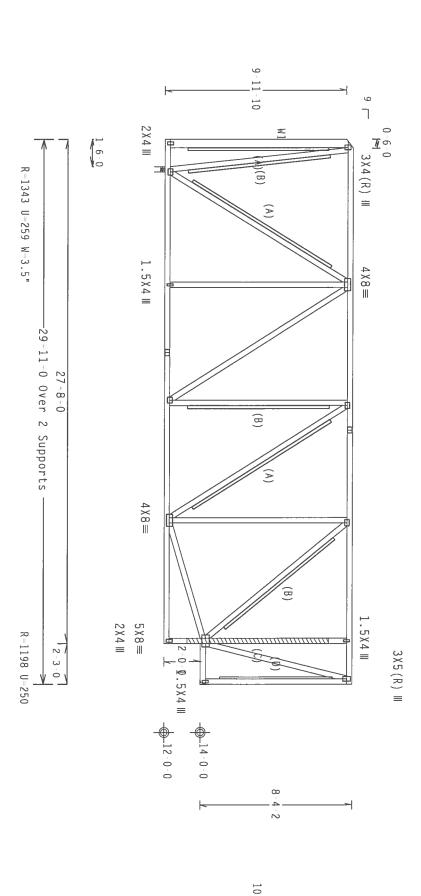
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is $1.50\,.$

110 mph wind, 22.34 located within 4.50 DL=5.0 psf, wind BC 4 ft mean hgt, 0 ft from roof C DL=5.0 psf. ASCE 7-02, CLOSED bldg, not edge, CAT II, EXP B, wind TC

End verticals not exposed to wind pressure

- (C) SP #3 or better scab brace. Same size & 80% length of web member. Attach with 10d Box or Gun (0.128"x3",min.)nails @ 6" 0C.
- (B) 2x4 SP #3 or better "T" brace. 80% length of web member, attached with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" OC. (1) continuous lateral brace equally spaced on member. 9

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



Note: All Plates Are 3X4 Except As Shown.

TYP.

Wave

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

Alpine Engineered Products, Inc. Cate of A n # 567 ALPINE RIGID CEILING. BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

***WARNING** TRUSES BECHIBE EXTREM CARE IN FARBICATION, MARRIURG, SUIPPING, INSTALLING AND BRACING, BETER 10 BCS1 1 03 (BULDING COMPOUND SAFETY HOOBMAIDE), PUBLISHED BY 1PT (TRUSES PARTE INSTITUTE, SUI D'ONORTHO DR., SUIT 120, MADISON, MI 53719) AND WICA (MODO TRUSS COUNCIL OF AMERICA, GODO ENTERPRISE IN, MADISON, MI 53719) FOR SAFETY PRACTICES FROME OR FEODOMERICA CONTROL SHALL MAY A PROPERTY ATTACHED OF CONTROL SHALL MAY PROPERTY ATTACHED SHOULD BE SHALL MAY BE PROPERTY ATTACHED.

IMPORTANTTURNISH A COPY OF THIS DISIGN TO THE INSTALLATION CONTRACTOR. ANY FALURE TO BUILD THE RESPONSIBLE TOR ANY DEVIATION PROFIT HAS DISIGN.

***RADDICTS**, INC. SHALL NOT BE RESPONSIBLE TOR ANY DEVIATION PROFIT HAS DISIGN.

***RADDICTS**, INC. SHALL NOT BE RESPONSIBLE TOR ANY DEVIATION, SHIPPING, INSALLING A BRACLING OF HOUSEST.

***DISIGN.**CONTORNS HITH APPLICABLE PROVISIONS OF BOS (MATIONAL DESIGN SPEC, BY ATRA) AND THI.

***CONTROLED FLATES ARE HADE OF ZO/187/GAR (H.M.S.) OF BOS (MATIONAL DESIGN SPEC, BY ATRA) AND THI.

***CONTROLED FLATES ARE HADE OF ZO/187/GAR (H.M.S.) SATH AGGS GRADE 40/GO (H. K.M.S.) GALV. STEEL, APPLY

***PAILES TO EACH FACE OF TRUSS AND, UNITESS OTHERNISE LOGATED ON THIS DESIGN. POSITION PER BRANINGS 160A. A PRILY

***PAILES TO EACH FACE OF TRUSS AND, UNITESS OTHERNISE LOGATED ON THIS DESIGN. POSITION PER BRANINGS 160A. A SAL AND THIS DESIGN. POSITION OF PAILES FOLLOWED STEEL OF THE MINEY AND THIS DESIGN. POSITION FACE OF THE MINEY AND THIS DESIGN. POSITION FACE OF THE MINEY AND THIS DESIGN. POSITION FACE OF THE MINEY AND THIS DESIGN.

**ANY INSPECTION OF PAILES FOLLOWED BY (I) SHALL BE FER AMEN AND THIS DESIGN. POSITION FACE OF THE MINEY AND THIS DESIGN.

**ANY INSPECTION OF PROFITS OF THE FORM THE MINEY OF THE MINEY AND THE MINEY OF THE MINEY AND THE MINEY OF THE MINEY AND THE MINEY AND THE MINEY OF THE MINEY OF THE MINEY OF THE MINEY AND THE MINEY OF THE MINEY OF THE MINEY AND THE MINEY OF THE MINEY OF THE MINEY OF THE MINEY OF THE MINEY AND THE MINEY OF SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF

HUR R. RENSE TC LL FL/-/4/-/-/R/-

Scale = .1875"/Ft.

]	106	WAL COMPANY	ORIO NON	A CERMIN BC	** ** ** ** ** ** ** ** ** ** ** ** **	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
JRFF- 1SZH487 Z01		SEQN- 121231	HC-ENG TCE/AF	DRW HCUSR487 06216010	DATE 08/04/06	REF R487 67619

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is $1.50\,.$ Left end vertical not exposed to wind pressure. (A) Continuous lateral bracing equally spaced on member Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844 "Cate of A" n# 4567 (6-268--Glenwood King Gray TYP. ALPINE Wave 4X4(R) W 2 X 4 all 0 R=1605 U=198 2-3 p #2 Dense p #2 Dense p #3 1.5X4 III 1.5X4 W 5 X 8 ≡ 0 0 **IMPORTANT***URBLISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ACTIVE ENGINEERS. THC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIALID OF ROM THIS DESIGN: ANY FAILER TO BUILD THE TRADS IN CONTRACTOR OF THE RESPONSIBLE FOR ANY DEVIALID. SHIPPING, INSALID OF THE RESSES.

DESIGN CONTRACT WITH APPLICABLE PROVISIONS OF DDS (MATIONAL DESIGN SPEC, BY ATRA) AND THE APPLY

CONTRECTOR PLATE, ARE MADE OF ZO/BJTGAG (M.H./S/). ASTH AGAS GRADE 40/60 (M. K.M.S) GAVE. SHIPL

PRATES TO CACH FACE OF TRUSS AND. UNITES OFFERMISE, LOCATED ON THIS DESIGN PROPOSITION PER DRAMINGS 160A. ANY INSPECTION OF PLATES FULLOWER MY (1) SHALL ME DER NUMEY. AND OF THIS DESIGN POOR SEC. 3. SEAL ON THIS DRAMINGS THE DRAMINGS THE BRUSS COMPONENT **MARNING** HRUSSES RECHHEF LYREHE CARE IN FABRICATION, HANDLING, SHIPPING, HISTALLING AND BRACHES REFER TO BEST 1 03 (BUILDING COMPONENT SAFELY IN WRMAIDD), PUBLISHED BY IPF (RRUSS PLAIE INSTITUTE, 583 D'OHOUBELD DE, SHITL ZOO, HADISON, WI 53719) AND DICA (MOND TRUSS COUNCIL OF ANTRICA, 6300 ENTERPRISE LIN, THADISON, WI 53719) FOR SAFELY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNITES OTHERHISE INDICATED. THO CORRO SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED BEST CELLING. 4X8**≡**^{3.12} 3 X 5 ≡ 10 Ā Design Crit: $3 \times 4 =$ 5 X 8 = $\bar{\mathbb{A}}$ TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0) 3 X 6 ≡ 39-8-8 3 X 4 ≡ $3X4 \equiv$ 0ver $\bar{\mathbb{S}}$ 16-6-15 37-5-8 3 \ 6 ≡ 2 Supports Ξ 1.5X4 Ⅲ 110 mph wind, 17.91 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. 4 X 8 ≡ Right end vertical exposed to wind pressure. Deflection meets $L/240\,$ criteria for brittle and flexible wall coverings. In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC. . 24 3 X 5 ≡ CENSE No. 99687 3 X 4 ≡ ATE OF * 10-3-8 4 X 4 // 10 DUR.FAC. C TOT.LD. P 9 14/ R=1750 U=186 W=3" 4 X 4 (R) III 1.5X4 III 40.0 20.0 10.0 10.0 PSF 0.0 B, wind TC 1-6-8 PSF PSF PSF DATE REF SEQN-HC-ENG DRW HCUSR487 06216011 Scale =. R487--TCE/AF 08/04/06 121212 1875"/Ft. 10 67620 Þ 2

BUILDING DESIGNER PER ANSI/TPI 1 SEC

SPACING

24.0"

JRFF-

1SZH4R7

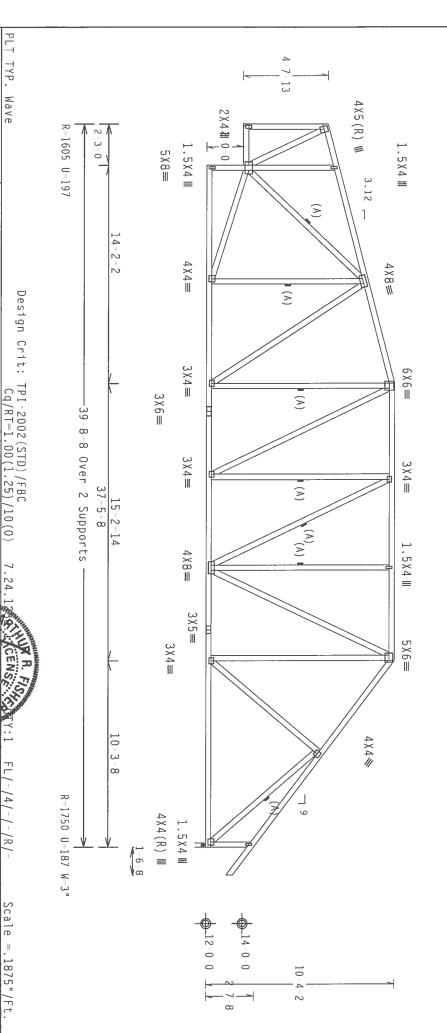
Z01

Left end vertical not exposed to wind pressure Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 (A) Continuous lateral bracing equally spaced on member (6-268--Glenwood King Gray * A8) 110 mph wind, 17.91 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

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

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



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

BUILDING DESIGNER PER ANSI/TPI I SEC.

ALPINE

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

ARPHALERED PRODUCTS, INC. SMALL BUT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE RUSSES, IN CONTRAMENTE WITH FPT.

BYSIGH COMPORNATION THE PROPERTY OF A FARELANDE FOR THE PROPERTY OF THE PROPERTY

90'

SPACING DUR.FAC.

24.0" 1.25

JRFF-

1SZH487 Z01

BC LL BC DL

TOT.LD.

40.0

PSF PSF

SEQN-

121203

HC-ENG

TCE/AF

WARNING IRUSSES REQUIRE EXTRINE CARL IN FABRICATION. NAMBLING. SHIPPING, INSTALLING AND BRACING. RETER TO BEST 1 03 (BUILDING COMPOUND SAFITY IN GRANTALING), PUBLICISHED BY FPI (RRUSS PLATE INSTITUTE, 583 0 "OHORRIO BR. SHITE 700, IADISSM, HI 53719) AND HICA (HOOD FRUSS COUNCELL OF AMERICA, 6300 ENTERPRISE LIN, TANDISSM, HI 53719) FOR SAFITY PRACTICES PRIOR TO PERFORMING THISE FUNCTIONS. UNLESS DIMERMISE INDICATED. OF CORDS INSIAL HAVE A PROPERTY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED RIGHD CEILLING.

No. 59687

TC

D

10.0 20.0

PSF PSF

DATE

08/04/06

R487--

67621

10.0 PSF 0.0

DRW HCUSR487 06216012

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

Left end vertical not exposed to wind pressure

(A) Continuous lateral bracing equally spaced on member.

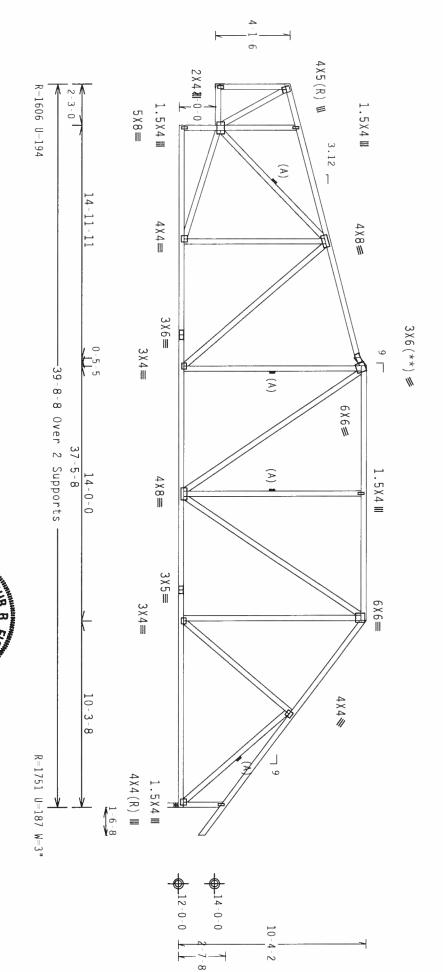
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.

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

110 mph wind, 17.91 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

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

RIGID CEILING

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION COMPRACTOR.

AND FIRE ENGINEERED PRODUCTS, INC. SHALL HOT BE RESPONSIBLE FOR ANY DEVALUTION FROM THIS DESIGN: ANY FAILURE TO BUILD THE FRONDETS, INC. SHALL HIG A BRACING OF TRUSSES.

OR FARRICANTH OF HAD COMPANACE WITH PI: OR FARRICATING, HANDLING, SHIPPING, HUSTALLING A BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HOS (NATIONAL DESIGN SPEC, BY AFRAJA AND THE APPLICABLE PROVISIONS OF HOS (NATIONAL DESIGN SPEC, BY AFRAJA AND THE APPLICABLE PROVISIONS OF HOS (NATIONAL DESIGN SPEC, BY AFRAJA AND THE APPLICABLE PROVISIONS OF HOS (NATIONAL DESIGN SPEC, BY AFRAJA AND THE APPLICABLE PROVISIONS OF HOS (NATIONAL DESIGN SPEC, BY AFRAJA AND THE APPLICABLE PROVISIONS OF HOS (NATIONAL DESIGN SPEC, BY AFRAJA AND THE APPLICABLE PROVISIONS OF HOS (NATIONAL DESIGN SPEC, BY AFRAJA AND THE APPLICABLE PROVISIONS OF HOS (NATIONAL DESIGN SPEC, BY AFRAJA AND THE APPLICABLE PROVISIONS OF HOS (NATIONAL DESIGN SPEC, BY AFRAJA AND THE APPLICABLE PROVISIONS OF HOS (NATIONAL DESIGN SPEC, BY AFRAJA AND THE APPLICABLE PROVISIONS OF HOS (NATIONAL DESIGN SPEC, BY AFRAJA AND THE APPLICABLE PROVISIONS OF HOS (NATIONAL DESIGN SPEC, BY AFRAJA AND THE APPLICABLE PROVISIONS OF HOS (NATIONAL DESIGN SPEC, BY AFRAJA AND THE APPLICABLE PROVISIONS OF HOS (NATIONAL DESIGN SPEC, BY AFRAJA AND THE APPLICABLE PROVISIONS OF HOS (NATIONAL DESIGN SPEC, BY AFRAJA AND THE APPLICABLE PROVISIONS OF HOS (NATIONAL DESIGN SPEC, BY AFRAJA AND THE APPLICABLE PROVISIONS OF HOS (NATIONAL DESIGN SPEC, BY AFRAJA AND THE APPLICABLE PROVISIONS OF HOS (NATIONAL DESIGN SPEC, BY AFRAJA AND THE APPLICABLE PROVISIONS OF HOS (NATIONAL DESIGN SPEC, BY AFRAJA AND THE APPLICABLE PROVISIONS OF HOS (NATIONAL DESIGN SPEC, BY AFRAJA AND THE APPLICABLE PROVISIONS OF HOS (NATIONAL DESIGN SPEC, BY AFRAJA AND THE APPLICABLE PROVISIONS OF HOS (NATIONAL DESIGN SPEC, BY AFRAJA AND THE APPLICABLE PROVISIONS OF HOS (NATIONAL DESIGN SPEC, BY AFRAJA AND THE APPLICABLE PROVISIONS OF HOS (NATIONAL PROVISIONS OF HOS (N DRAHING INDICATES ACCEPTANCE OF PROFESSIONAL INGLIFFRING OF IPIL 2002 SEC_3.

A SEAL ON THIS ONSIBILITY SOLELY FOR THE TRUSS COMPONENT ANY BUILDING IS THE RESPONSIBILITY OF THE THIS DESIGN. POSITION PER DRAHINGS 160A

Alpine Engineered Products, Inc.

ALPINE

Cate of A ' n # 567

BUILDING DESIGNER PER ANSI/IPI I SEC.

THIS COMPONENT



40.0

SEQN-HC-ENG

121185

1.25

24.0"

JRFF

1SZH487 Z01

10.0 20.0

PSF PSF

DATE REF

08/04/06

67622

Scale =.1875"/Ft. R487--

10.0 PSF

DRW HCUSR487 06216013

TCE / AF

0.0

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

End verticals not exposed to wind pressure.

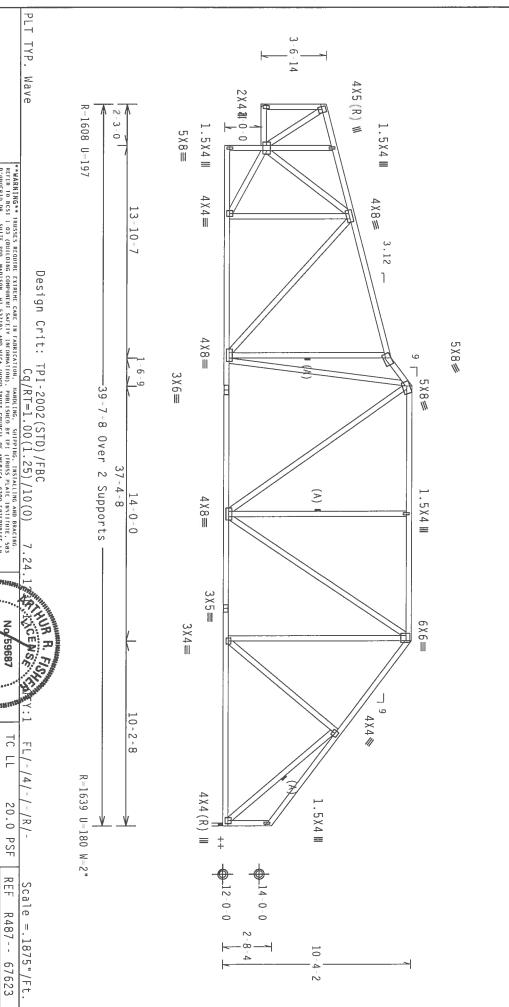
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.

110 mph wind, 18.52 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.

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.

++ Anchorage req'd to prevent truss from slipping off bearing



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

MARNING BUSSIS REDBIRE IXBREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING RETER TO BESI I OZ (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLAIL INSTITUTE, 583 D'UNDERIO BR., SUITE 200, MADISON, HI 52719) AND HICA (MODD BRUSS COUNCIL OF AMERICA, 5000 ENTERPRISE LIN, MADISON, HI 52719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNITESS OTHERWISE THOFCASED. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CETLING.

IMPORTANTTURNISM A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

AND ACCUMENTATION OF THE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FALURE TO BUILD THE TRADS IN CONTRACTOR OF THE PRODUCTS, INC. SHAPLAND AND FOR THE TRADS IN CONTRACTOR OF THE PRODUCTS OF THE PRODUCT PLATES TO EACH FACE OF TRUES AND, UNLESS OTHERMISE LOCALED ANY INSPECTION OF PLATES FOLLOWING IN (1) SMALL BE PER AMIREX AS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSES SOLELY FOR THE TRUSS COMPONENT RESPONSIBILITY OF

BUILDING DESIGNER PER AUSI/IPI I SEC.

TATE OF BC DL C SPACING DUR.FAC. TOT.LD. 2 40.0 10.0 24.0" 10.0 PSF 1.25 0.0 PSF JRFF-SEQN-DRW HCUSR487 06216014 DATE HC-ENG 1SZH487 TCE / AF 08/04/06 121162

201

R487--

67623

Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 :W1 2x4 SP :Lt Bearing Leg 2x4 SP #3: #2 Dense:

(A) Continuous lateral bracing equally spaced on member

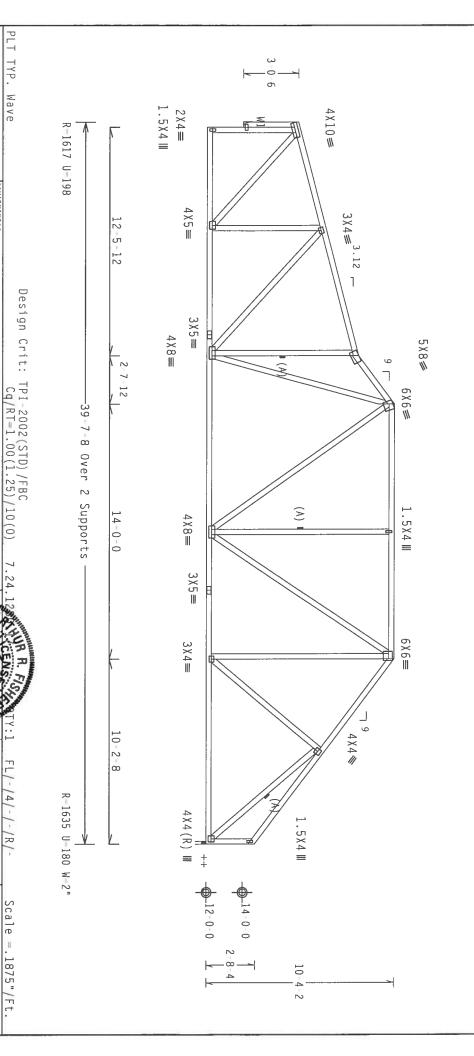
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 18.52 ft mean hgt, ASCE 7 02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL 5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure

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

++ Anchorage req'd to prevent truss from slipping off bearing



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

DESIGN SHOWN. THE SUITABILITY AND NUTLDING DESIGNER PER ANSI/TPI 1 SEC ANY INSPECTION OF PLATES FOLLOWED

DRAWING INDICATES

TO EACH FACE OF TRUSS AND.

ALPINE

RIGIO CEILING

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE TUSTALLATION CONTRACTOR. ANY FALLURE TO BUILD HE PRODUCTS, HEC. SMALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HITS DESIGN. ANY FALLURE TO BUILD HE RUSS S. IN CONFERNACE ATHE PI; OR TABRICATION, HANDLING, SHIPPING, INSTALLING A BRACING OF FRUSESS. DESIGN CONFERNACE ATHE PI; OR TABRICATION, HANDLING, SHIPPING, HISTALLING, A BRACING OF FRUSESS. DESIGN CONFERNACE ATHER APPLICABLE PROVISIONS OF MIS (MAITONAL DESIGN SPEC, BY ATAPA) AND IPI.

APPLY

COUNTECTOR PLATES ARE HADE OF 20/18/1666, M.H/S/K) ASTH A655 GRANE 40/606 K.M.H.S. GALV. SIEEL. APPLY

APPLY

TATE OF

BC DL TC DL TC LL

10.0 10.0 PSF 20.0 PSF

PSF

DRW HCUSR487 06216015

DATE REF

08/04/06

R487--

67624

ВС

0.0

HC-ENG

TCE / AF

40.0

SEQN-

121151

SPACING DUR.FAC. TOT.LD.

24.0" 1.25

JRFF-

1SZH487 Z01

UNILESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER BRAKHAGS 160A Z BY (1) SMALL ME PER ANNEY AJ OF TPI1 2002 SEC.3.) PR BRAKHAGS HON THIS ROTESSIONAL ENGLMEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT

****WARNUMG** TRUSSES REQUIRE EXTREM CAME IN FARBICATION, HANDLING, SUMPTIG, INSTALLING AND BRACHE, RLIER TO DEST I DO QUILLING COMPORUM SAFETY INFORMATION, PUBLISHED BY THE (TRUSS PARE INSTITUTE, SO3 DENOTED DE, SHITE ZOD, MADISON, MI 53719) AND MICA (4000 TRUSS COUNCIL OF AMERICA, 6000 EDIERRESE IN, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PREPORTING HESS COUNCIL OF A THE AND T

(6-268--Glenwood King Gray A12)

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

End verticals not exposed to wind pressure

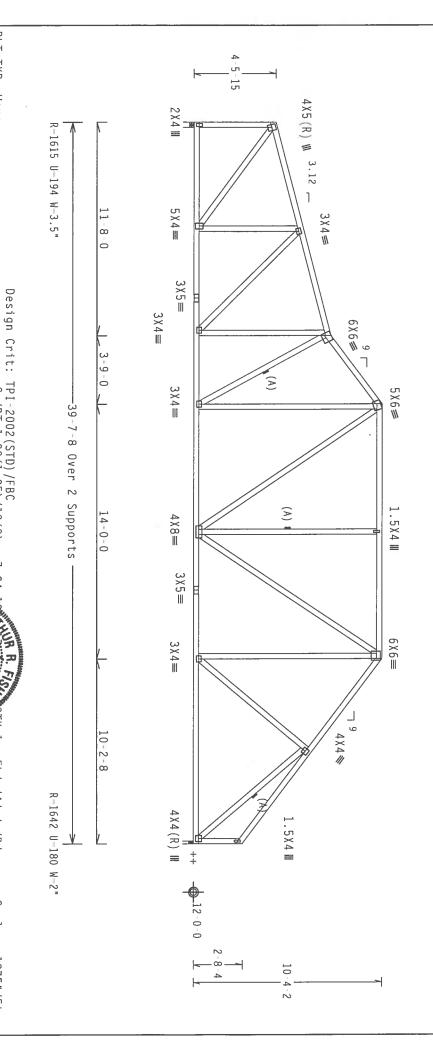
In lieu of structural panels or rigid ceiling use purlins brace TC @ 24" 0C, BC @ 24" 0C.

** Anchorage req'd to prevent truss from slipping off bearing

110 mph wind, 18.52 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.



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

DESIGN SHOWN. THE SUITABILITY AND BUILDING DESIGNER PER ANSI/TPI 1 SEC.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPO

ALPINE

IMPORTANT*UBBLISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPIHE ENGINEERED PRODUCTS, THE. SMALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILER TO BUILD THE RRUSS IN COMPENSAME WITH THE THE FARE FARE FAILED, ANNUAL MADLING, SHIPPING, INSTALLING A BRACHING OF THRUSSES.

DESIGN CONTORNS WITH APPLICABLE PROVISIONS OF MDS (MATIONAL DESIGN SPEC, BY AFRA) AND THE. APPLY CONTROL OF THE ARE MADE OF ZO/18716A (M.11/5/), ASTM AGGS GRADE 40/60 (M. W.M.S) GAVE. SHEEL, APPLY PLATES TO EACH FACE OF TRUSS AND, UNILESS OTHERNISE, LOCATED ON THIS DESIGN POSITION PER BRANDINGS 160A.

BY AFAPA) AND IPI. ALPINE
(H. K/H.5) GALV. SHEEL. APPLY
GH. POSITION PER DRAHINGS 160A-Z.
7002 SEC.3. A SEAL ON THIS
7 SOLELY FOR THE TRUSS COMPONENT THE RESPONSIBILITY OF

BC DL

10.0

DRW HCUSR487 06216017

TC

פו

10.0 PSF 20.0 PSF -/R/-

DATE

08/04/06

ВС

0.0

PSF PSF

HC-ENG

TCE/AF

DUR.FAC. SPACING

1.25

24.0"

JRFF-

1SZH4R7 Z01

TOT.LD.

40.0

SEQN-

118356

TC LL

REF

67625

Scale = .1875"/Ft. R487--

FL/-/4/-

MARNING TRUSSES BEQUIFE EXTREME CARE IN FABRICATION, IMBULING. SUPPING, INSTALLING AND BRACING. RETER TO BCS1 1-03 (BUILDING COMPORENT SAFETY INFORMATION), PUBLISHED BY TPI (BUSS PLATE INSTITUTE, SB3 D'OHOFRIO BR., SUITE 200, HADISON, HI 53719) AND HICA (MODD BRUSS COUNCIL OF AMERICA, 6300 ENTERPISE LIN. HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILLING.

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

TYP.

Wave

(6-268--Glenwood King Gray A13)

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

End verticals not exposed to wind pressure.

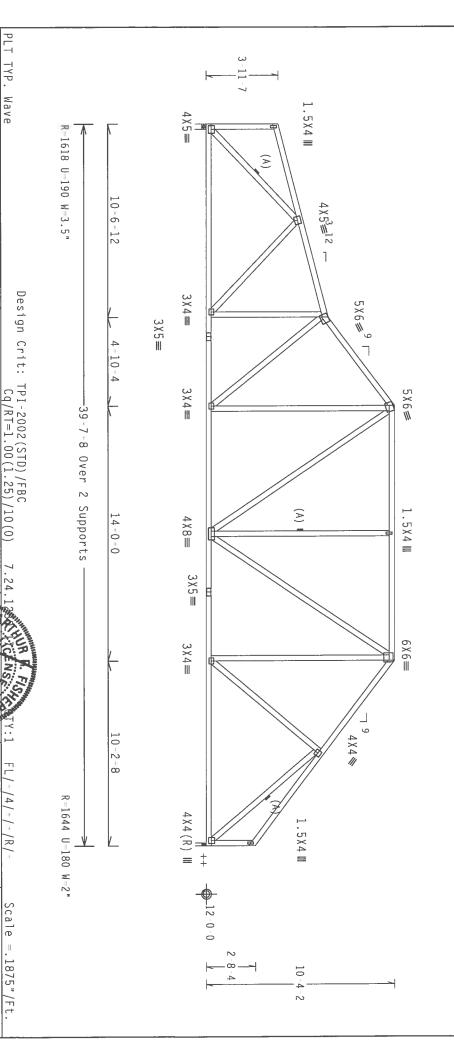
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.

++ Anchorage req'd to prevent truss from slipping off bearing

110 mph wind, 18.52 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

(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.



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

ALPINE

RIGIO CEILING.

***WARNING** IRUSEIS RIUHEI EXIETH CARE IN FABRICATION, IMMOLING. SHIPPING. HISTALLING AND BRACHIG.
REITE TO BEGI I O3 (BUILDING COMPORUM SAFTY IN FORMATION). PHALISHED BY PI (THUSE) PHALI INSTITUTE, SB3
D OMOFRIO DR., SUITE 200, MADISON, MI 53/19) AND NICA (ADODE DISES COMMENT OF AMERICA, 6300 FHITERBEIST IN.
MADISON, MI 53/19) FOR SATITY PRACTICES PRIOR TO PREFERENCE HIST. STANDISON, WI 53/19) FOR PROPERTY ANTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ANTACHED

.59687

C

20.0

PSF

R487--

67626

ВС 8 C T_{C}

0.0

PSF

HC-ENG

TCE/AF

118354

DL 2

10.0 10.0 PSF

PSF

DRW HCUSR487 06216038

DATE REF

08/04/06

SPACING

24.0" 1.25

JRFF-

1SZH487

201

DUR.FAC TOT.LD.

40.0

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

ALPHE ENGODETS, THE. SHALL HOLD BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE HUSS. IN CONTRACTOR THAT IN THE PRODUCTS, THE. SHALL HOLD BE RESPONSIBLE FOR THIS PRODUCTS, THE SHALL HOLD BE A BRACING OF HUSSES.

CONTRECTOR PLATES ARE MADE OF 20/18/166A (M.1/5/K) ASTH A653 GRADE 40/60 (M. K/M.5) GALV. SIELL. APPLY PLATES TO EACH FACE OF TRUSS AND. HULESS OTHERHISE LOCATED ON THIS DESIGN. POSITION OF PROMATHES AND. HULESS OTHERHISE LOCATED ON THIS DESIGN. POSITION OF PROMATHES TO SHALL HOLD BE AND THE PRODUCT OF THE SHALL HOLD BE AND THE PRODUCT OF THE BUSS COMPONENT OF THE CONTROL HULES ACCEPTANCE OF PROFESSIONAL CHARLES AND THIS DESIGN. SHALL HE THE AND THE PROPERTY OF THE TRUSS COMPONENT AND USE OF THIS COMPONENT TOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGN SHOWN.

HE SUITABILITY AND USE OF THIS COMPONENT TOR ANY BUILDING IS THE RESPONSIBILITY OF THE

DMANHAL HODIALES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY DESIGN SHOWN. THE SULFABILITY AND USE OF THIS COMPONENT OR ANY BUILD BUILDING DESIGNER FER ANSI/PF I SCC. 2.

(6-268--Glenwood King Gray A14)

Bot chord 2x4 Webs 2x4 \$\$\$ #2 Dense #2 Dense #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.

++ Anchorage req'd to prevent truss from slipping off bearing.

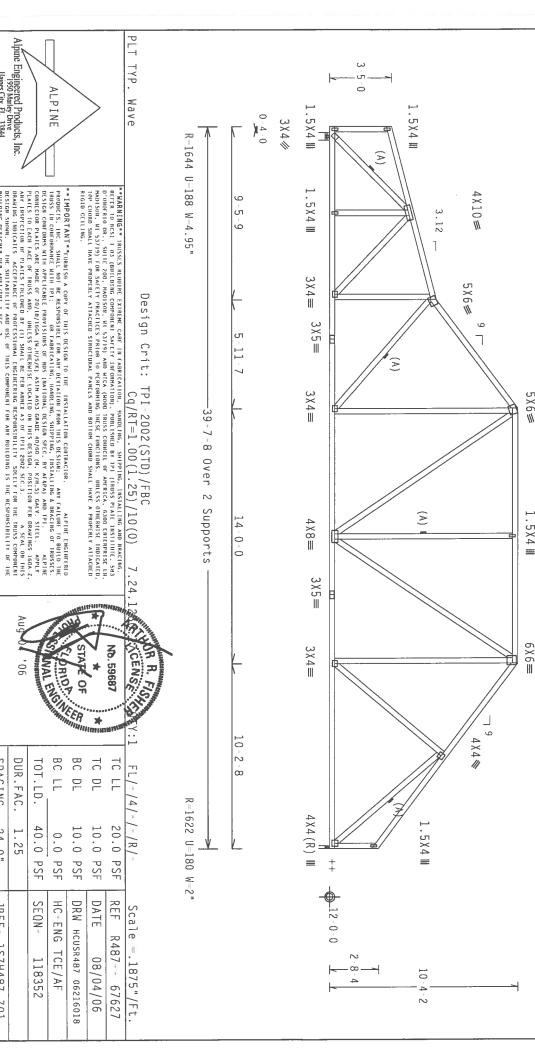
5 X 6 ≢

.5X4 Ⅲ

110 mph wind, 18.52 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.



Alpine Engineered Products, Inc.

Haines City, FL 33844

DESIGN SHOWN. THE SUITABILITY AND USE BUILDING DESIGNER PER ANSI/TPI I SEC. 2.

SPACING DUR . FAC

24.0" 1.25

JRFF-

1SZH487 Z01

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

End verticals not exposed to wind pressure.

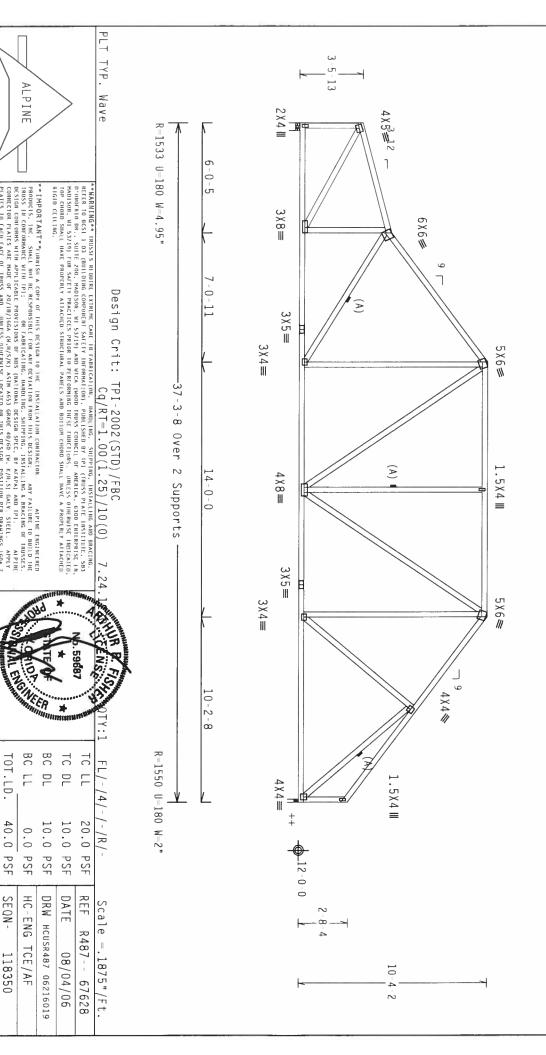
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

++ Anchorage req'd to prevent truss from slipping off bearing

110 mph wind, 18.52 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.



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

DESIGN SHOWN. THE SUITABILITY AND BUILDING DESIGNER PER AUSI/TPI I SEC.

PIATES IN EACH FACE OF TRUSS AND. "UNLESS DHERRISE LOCATED ON THIS DESIGN, POSIT ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF THIS 2002 SEC.3 DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY

THIS DESIGN, POSITION PER DRAWINGS 160A Z
OF TPI1 2002 SEC.3. A SEAL ON THIS
DUSIBILITY SOLELY FOR THE TRUSS COMPONENT

SPACING

1.25

JREF

1SZH487 Z01

(6 268 Glenwood King Gray A16)

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

End verticals not exposed to wind pressure.

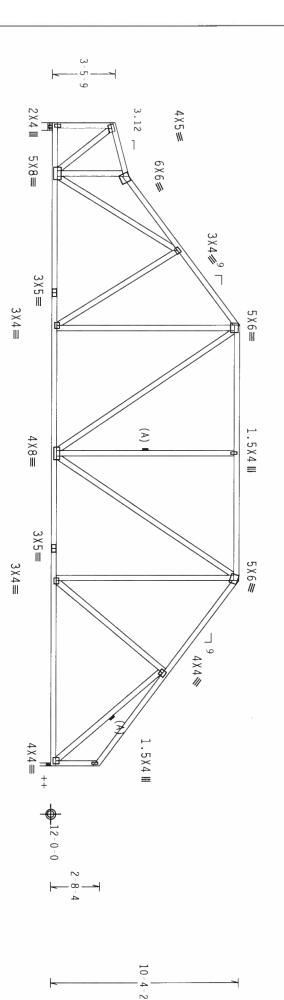
In lieu of structural panels or rigid ceiling use purlins brace TC @ 24" 0C, BC @ 24" 0C.

++ Anchorage req'd to prevent truss from slipping off bearing.

110 mph wind, 18.52 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.





2-11-1

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

PLT TYP. Wave

IMPORTANT*URBISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE PRODUCTS, THE. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN. ANY FAILURE TO BUILD THE RUSSES IN CONTRACHANCE WITH FPI:

RUSS IN CONTRACHANCE WITH FPI:

RUSS IN CONTRACHANCE WITH FPI:

RUSS IN CONTRACT OF THE PROPERTY OF ANY INSPECTION OF PLATES FOLLOWED BY (1) SMALL BE PER ANNEX AS OF 1P11 2002 SEE DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL GREENERS RESPONSIBILITY SOLECE DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS ATES FOLLOWED BY (1) SHALL BE PER AHREX A3 OF TP11 2002 SEC.3. A SEAL ON HILS SOLLOWED BY (1) SHALL BE PER AHREX A3 OF TP11 2002 SEC.3. A SEAL ON HILS SOLLOWED BY (1) SHALL BE PER AHREX A3 OF TP11 2002 SEC.3. A SEAL ON HILL SOLLOWED BY COMPONENT FOR ANY BUILDING IS HE RESPONSIBILITY OF THE SULTANDAL OF THE SEAL OF THE SOLLOWED BY THE SEAL OF THE SEAL O

Alpine Engineered Products, Inc.

ALPINE

Haines City, FL 33844

BUILDING DESIGNER PLR ANSI/IPI I SEC

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

	90° . 90° n	TO ALL STATES	ORIO	TATE OF SEME	*	No. 59687
SDACING	DUR.FAC. 1.25	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- 1SZH187 ZO1		SEQN- 118348	HC-ENG TCE/AF	DRW HCUSR487 06216020	DATE 08/04/06	REF R487 67629

Scale =.1875"/Ft.

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

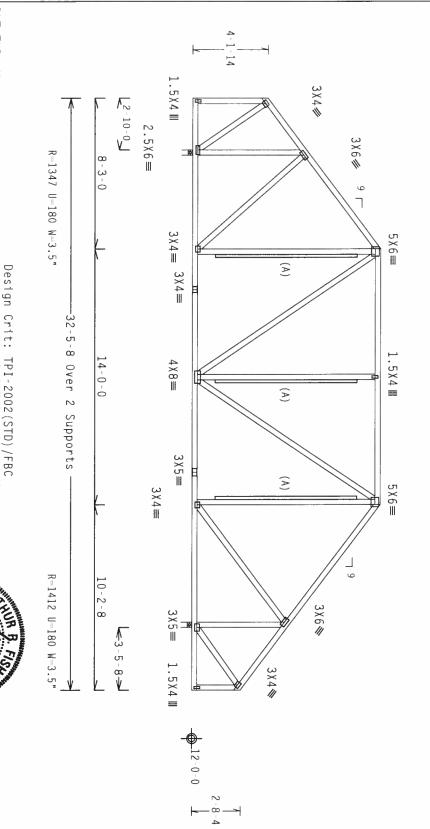
End verticals not exposed to wind pressure

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

110 mph wind, 18.52 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) 2x4 SP #3 or better "T" brace. 80% length of web Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ member.

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



10-4-2

HARNING IRUSSES MEDUTRE EXTREME CARE IN FABRICATION. MANDEING. SHIPPING, INSTALLING AND BRACING.

RETER TO BESS I 03 (BUILDING COMPONENT SAFITY HIMPARATION), PONLISHED BY FPI (BRUSS PLATE INSTITUTE, SOJ

D'ONDERIO BR. SUITE ZOD. MADISON, WI 53719) AND MICA (MODD BRUSS COUNCIL OF MERICA, 6300 ENTERPRISE LIM,

HADISON, WI 53719) FOR SAFELY PRACTICES PRIOR TO PERFORMING INESE FUNCTIONS, UNIESS DINERNISE INDICATED.

TOP CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED

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

TYP.

Wave

IMPORTANTTURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

AIPTHE ENGINEERED PRODUCTS, INC. SHALL NOT DE RESPONSIBLE FOR ANY DEVIATION ROW THIS DESIGN: ANY FAILURE TO BUILD THE TRADS IN CONCENNACE ATHIN PET.

BUSS IN CONCENNACE ATHIN PET.

BUSS IN CONCENNACE ATHIN PET.

BUSS IN CONCENNACE ATHIN PET.

BUSSICH CONFERNACE ATHIN APPLICABLE PROVISIONS OF NOS (NATIONAL DESIGN SPEC, BY ATAFA) AND IPT.

BUSSICH CONFERNA AITH APPLICABLE PROVISIONS OF NOS (NATIONAL DESIGN SPEC, BY ATAFA) AND IPT.

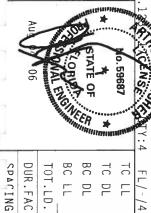
CONNECTION PLATES ARE MADE OF ZO/DBJIGAG (NATIONA) ASTRONACE STATES OF THE OWNER OWNER OF THE OWNER OWNE ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF IPIT 2002 SEC.3 DRAWING INDICATES. ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLETY I THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF SOLELY FOR THE TRUSS COMPONENT

Alpine Engineered Products, Inc.

ALPINE

Haines City, FL 33844

BUILDING DESIGNER PER ANSI/IPI I SEC.



	1.25	DUR.FAC.
SEQN- 118312	40.0 PSF	TOT.LD.
HC-ENG TCE/AF	0.0 PSF	BC LL
DRW HCUSR487 06216021	10.0 PSF	BC DL
DATE 08/04/06	10.0 PSF	TC DL
REF R487 67630	20.0 PSF	TC LL
SCd 18 =.18/5 /FL.	/ - / R/ -	FL/-/4/-/-/K/-

24.0"

JRFF- 1SZH487 Z01

Top chord 2x4 SP # Bot chord 2x4 SP # Webs 2x4 SP # :Lt Wedge 2x4 SP # Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is $1.50\,.$ (A) 2x6 SP #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" OC. (C) 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. Alpine Engineered Products, Inc. 6 Haines City, FL 33844
FI Certificate of Amhorration # 567 268 Glenwood King Gray TYP. ALPINE Wave 4X6(B2) = -6-0 #2 Dense #2 Dense #3: =604 U=180 W=3.5" **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

AND TAILURE TO BELLOCH TO BE RESPONSIBLE FOR ANY DEPLATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE ROSS IN COMPORANCE SITH FO! FOR FABRICALING, HANDLING, SHIPPING, INSTALLING A BRACING OF RUSSES, INSTALL TO BE AND THE ROSS IN COMPORANCE WITH APPLICABLE PROVISIONS OF 1005 (MATIONAL DESIGN SPEC, BY ATAPA) AND TPI.

DESIGN CONFIDENCE AND THE APPLICABLE PROVISIONS OF 1005 (MATIONAL DESIGN SPEC, BY ATAPA) AND TPI.

CONNECTOR PALATS ARE AND OF ZO/LOJ RÁGO, (H.M.Y.S.Y.) ASTH AGES GRADE 40/50 (M. K.M.S.) GAVE. STEEL, APPLY FOR ALL APPLY PLATES TO EACH FACE OF THE SPECIAL PROVISIONS OF THE S **WARNING** IRUSSES REQUIRE EXIREM. CARE IN FABRICATION. MANDEING. SHIPPING. INSTALLING AND BRACING. RETUR TO MEST 1 03 (BUILDING COMPOULNI SAFETY INFORMATION), PUBLISHED BY FP (FRUSS PLATE INSTITUTE. 583 0 00 CHORERIO BR. SUITE ZOO, MADISON, MY 153719), AND MOTEA (MODO) TRUSS COUNCEL OF ARREAS, 6300 ENTERPRISE UN. MADISON, MY 153719, TOWN APOLONI, MY 153719) TOWN APOLONI, MY 153719, TOWN APOLONI SHOULD FREEDRISE UN. TOWN CHORED SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORED SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORED SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORED SHALL HAVE A PROPERLY ATTACHED SHALL HAVE A PROPERLY ATTACHED. PIALIES TO EACH FACE OF TRUSS AND. UNLESS OTHERMISE LOCALED MAY INSPECTION OF PLATES FOLLOWED BY (1) SMALL BE PER ANNEX AS BRAHIMG INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPO BUILDING DESIGNER PER ANSI/IPI I SEE. 10 1.5X4 W ښ A18) 0-0 3×5/ Design Crit: 3X4 =R=1429 3X5= U=185 W=4.95" 1.5X4 III TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0) 37-3-8 OF TP11 2002 SEC.3 0ver SOLELY FOR THE TRUSS COMPONENT (B) 1.5X4 III 3 Supports 4 X 8 ≡ In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C. (B) 2x4 SP #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" 0C. Right end vertical not exposed to wind pressure. 110 mph wind, 16.91 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. 3×5= 5×6# 3 X 4 ≡ CENSE 3×5// 10-3 8 BC DL T_{C} ВС TC LL SPACING DUR.FAC. TOT.LD. FL/-/4/ PL R=1242 U=180 W=3" 3X4(R) III -/-/R/ 40.0 10.0 20.0 24.0" 10.0 PSF 0.0 PSF PSF PSF PSF DATE JREF -SEON-REF HC-ENG DRW HCUSR487 06216022 Scale =.1875"/Ft. R487--1SZH487 TCE / AF 121419 08/04/06 10 67631 201

Top chord 2x4 SP / Bot chord 2x4 SP / Webs 2x4 SP / :Lt Wedge 2x4 SP / with (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. Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is $1.50\,\mathrm{.}$ Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, Ft. 33844 FI Certificate of Amborization # 567 (C) 2x6 SP #3 or better "T" brace. 80% length of with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" (6-268--Glenwood King Gray TYP. 7 ALPINE Wave 4 X 6 (B2) = #2 Dense #2 Dense #3: 6-0 R-1510 U-180 W-3.5" **WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, INABLING, SUPPING, INSTALLING AND BRACING.

RETER TO BEST 1 D3 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY 1PT (TRUSS PALME INSTITUTE, 583

D'ONOFRIO DR., SUITE 200, INADISON, NI 53719) AND NICA (NOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., INADISON, NI 53719) AND NICA (NOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., INADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNILESS OTHERWISE INDICATED, TOP COORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. **IMPORTANT*** UNRISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT HE RESPONSIBLE FOR ANY DEVLATION FROM HITS DESIGN: ANY FALURE TO BUILD HE BROOMERS, INC. SHOWARDER FOR THE FOR THE FORMER FOR THE FORMER SHOWERS AND THE HEISSES. DESIGN CONTRACKE GITH IN PRELICABLE PROVISIONS OF HOS (MAIJONAL DESIGN SPEC, BY ALRA) AND THE THIS CONTRACTOR PLATES ARE HADE OF ZO/HEJIGAM, ALMASS OF HOS (MAIJONAL DESIGN SPEC, BY ALRA) AND THE CONTRACTOR PLATES ARE HADE OF ZO/HEJIGAM, ALMASS OF ARMASS AND ALMASS AND THE CONTRACTOR PLATES ARE HADE OF ZO/HEJIGAM, ALMASS AND ALMASS AND THE SHALL APPLY PRAITS TO EACH FACE OF TRUSS AND. UNITES OTHERWISE, LOCATED ON HITS DESIGN. POOR THE DRAMBHOSS SHOWARD ANY HESPECIALO OF PLATES FOLLOWED BY (1) SHALL BE FER ANNEX AND OF THE ZOOZ SEC. 3. A. SEA, ON THIS DRAMBHOS THE TRUSS COMPONENT ANY HESPECIALO OF PLATES FOLLOWED BY (1) SHALL BE FER ANNEX AND OF THE ZOOZ SEC. 3. A. SEA, ON THIS DRAMBHOS SHOWARD AND THE SHALLOW BY A SECOND ON THIS DRAMBHOS SHOWARD AND THE SHALLOW BY A SECOND ON THIS DRAMBHOS SHOWARD AND THE SHALLOW BY A SECOND ON THIS DRAMBHOS SHOWARD AND THE SHALLOW BY A SECOND ON THIS DRAMBHOS SHOWARD AND THE SHALLOW BY A SECOND ON THIS DRAMBHOS SHOWARD AND THE SHALLOW BY A SECOND ON THIS SHALLOW BY A SECOND ON THE SHA BUILDING DESIGNER PER ANSI/IPI 1 SEC. ? 0 7-12 1.5X4 III 13-0-0 A19) 3X4 / 3×5/ Design Crit: web I member. Attach -255 U-180 W-3.5" 5 X 1 0 ≡ 5X6≢ TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 37-3-8 0ver (8) 3 Supports 4 X 8≡ 14 - 0 - 0.5X4 III 110 mph wind, 16.91 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. Right end vertical exposed to wind pressure. Deflection meets $L/240\,$ criteria for brittle and flexible wall coverings. (B) 2x4 SP #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" OC. In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C. 3×5≡ 3 \ 4 = 6.59687 ATE OF 10 - 34×4// ω ВС TC ВС SPACING DUR.FAC TOT.LD. FL/-/4/-/-/R/ DL R=1619 U=180 W=3" 1.5X4 W 4 X 4 == 40.0 1.25 10.0 10.0 PSF 20.0 24.0" 0.0 1-6-8 bldg, not B, wind TC PSF PSF DATE REF SEQN-JREF -HC-ENG DRW HCUSR487 06216023 Scale = .1875"/Ft. R487--1SZH487 TCE/AF 121441 08/04/06 10 67632 201

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP :Lt Wedge 2x4 SP Top chord Alpine Engineered Products, Inc. 1950 Marley Drive Hames City, FL 33844 PLT (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. Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is $1.50\,\mathrm{.}$ (C) 2x6 SP #3 or better "I" brace. 80% length of with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" 6 268 Glenwood King Gray TYP. ALPINE Wave 4X6(B2) =6-0 #2 Dense #2 Dense #3: R=1518 U=180 W=3.5* **IMPORTANT**TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACIOR.

ALPINE ENGINEERS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION RODE THIS DESIGN: ANY FATURE TO BUILD THE TRANSES IN CONTORNANCE WITH THE THE FARRICATION, ANDLING, SHIPPING, HISTALING A BRACHING OF TRUSSES.

DESIGN CONTORNS HITM APPLICABLE PROVISIONS OF 1005 (NATIONAL DESIGN SPEC, BY ARRA) AND IPI. APPLY CONTRICTION TALES, ARE MADE OF ZO/PAT/GAR (4.14/5/), ASTA AGAS GRADE AD/GO (4.4 K/H,S) GALV. APPLY PALTES TO CACH FACE OF TRUSS AND, UNITES OTHER PROCESSION AND STATE OF THE ADRIANCE AND SETTION PER DRAWHINGS IGOA. ANY IMPERCIATION OF PRACES OF TRUSS AND, UNITES OTHER PROCESSIONAL ENGINEERS AND SETTION PER DRAWHINGS IGOA. ANY IMPERCIATION OF PRACES OF THOUSAND, ON STATE ON THIS ACCEPTANCE OF THE ADMINISTRATION OF THE ADMINISTR **WARNING** IRUSSES REQUIRE EXTREME CARE IN FABRICATION, INANDEING, SUIPPING, INSTALLING AND BRACING, RELER 10 BCS1 1 03 (BUILDING COMPONENT SALETY INFORMATION), PUBLISHED BY TPI (TBUSS PLANE INSTITUTE, 583 D'ONOFRIO DR. SUITE 200, HADISON, HE 53719 AND HICA (MODO TRUSS CONNECLI OF AMERICA, 6700 ENTERPRISE LA, HADISON, HI 53719 AND HICA (MODO TRUSS CONNECLION HILES OTHERWISE INDICATED, 10P CHORD SHALL HAVE A PROPERLY ATTACHED TO CHORD SHALL HAVE A PROPERLY ATTACHED. DESIGN SHOWN. THE SUITABILITY AND BUILDING DESIGNER PER ARSI/TPI I SEC. RIGID CEILING 0 4 1.5X4 III φ .3=0-0 3X4# A20) 3×5/ Design web member. Attach OC. Crit: =241 U=180 W=4.95" THIS COMPONENT FOR 5 X 1 0 ≡ TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 37 - 3 - 8 ANY BUILDING IS THE RESPONSIBILITY OF 0ver (B) 3 Supports 4 X 8≡ 0-0 110 mph wind, 16.91 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Right end vertical exposed to wind pressure. Deflection meets $L/240\,$ criteria for brittle and flexible wall coverings. (B) 2x4 SP #3 or better "T" brace. 80% length of with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC. . 24. 3 X 5 = Aug 3 X 4 ≡ 5×6// CENS . 59687 0 4×4// ú ά ВС $\mathcal{I}_{\mathcal{C}}$ ВС DUR.FAC. C TOT.LD. DL P R=1624 U=180 W=3" 14/-1.5X4 W 4 X 4 == 40.0 10.0 20.0 1.25 10.0 PSF 0.0 -/R/ 1-6-8 PSF PSF PSF member. Attach DATE SEQN-REF HC-ENG DRW HCUSR487 06216024 Scale = .1875"/Ft. R487--TCE / AF 08/04/06 121446 10 67633 4-2

SPACING

24.0"

JREF-

1SZH487_Z01

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP :Lt Wedge 2x4 SP Top chord Bot chord (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. (C) 2x6 SP #3 or better "T" brace. 80% length of with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is $1.50\,\mathrm{cm}$ 6 268 Glenwood King Gray PLT TYP. Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844 FI Certificate of Authorization # 567 ALPINE Wave 5X5 (B8R) ≡ #2 Dense #2 Dense #3: - 6 - 0 R=1424 U=180 W=3.5" **IMPORTANT**TURNISH A GRPY OF THIS DESIGN 10 THE INSTALLATION CONTRACTOR. APPINE ENGINEERED PRODUCTS, INC. SMALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD HE RESULT HE RESPONSIBLE FRONTESTED FOR FABRICATING, HANDLING, SHIPPING, HISALLING & BRACETH OF TRUSSES. DISTORT CONFORMS WITH APPLICABLE PROVISIONS OF MIS (MATIONAL DESIGN SPEC, BY ANTAPA) AND FP.

CONNECTOR PLAITS ARE ALONG OF TOURS HEAGA, WHISENS, ASTH ASS GRADE AND SOL, WINS, OALV. SIEEL. APPLY
PLAITS TO LACH FACE OF TRUSS AND, THIS SOLD HEAVES, DOCATED BY HIS DESIGN, PRISTION FRE BRANTHOS 166A Z.

ANY MERCECTION OF PLAITS TOUGHED BY (1) SHALL BE FPR ANNEX AS OF FPI 70002 SEC.3.

AS SEA, ON THIS DESIGN BY THE FREE PRISTING AND SEC.3.

ANY MERCECTION OF PLAITS TOUGHED BY (1) SHALL BE FPR ANNEX AS OF FPI 70002 SEC.3.

AS SEA, ON THIS DESIGN BY THE FREE PRISTING AND SEC.3.

ANY MERCECTION OF PLAITS TOUGHED BY (1) SHALL BE FPR ANNEX AS OF FPI 70002 SEC.3.

AS SEA, ON THIS DESIGN BY THE PRISTING AND SEC.3.

ANY MERCECTION OF PLAITS TOUGHED BY (1) SHALL BE FPR ANNEX AS OF FPI 70002 SEC.3.

AS SEA, ON THIS DESIGN BY THE PRISTING AND SEC.3.

ANY MERCECTION OF PLAITS TOUGHED BY (1) SHALL BE FPR ANNEX AS OF THE TOWS SEC.3.

ANY MERCECTION OF PLAITS TOUGHED BY (1) SHALL BE FPR ANNEX AS OF THE TOWARD SEC.3.

ANY MERCECTION OF PLAITS TOUGHED BY (1) SHALL BE FPR ANNEX AS OF THE TOWARD SEC.3.

ANY MERCECTION OF PLAITS TOUGHED BY (1) SHALL BE COMPONED TO BE AND THE TOWARD SEC.3. **HARNING** TRUSTS REQUISE EXTRINE CARE IN FABRICATION, PARDITHS. SHIPPING, INSTALLING AND BRACHEG RELIER TO BEST 1 D3 (BULLDING COMPORED SAFETY HORMATION), PUBLISHED BY FI (TRUST SHALE INSTITUTE, SAS 5 D'OHOFRIO BR. SUITE ZOG. HADISON, HI 53719) AND MICA (MONDI RRUSS COUNCIL OF AMERICA, GOOD CHIERPRIST LU. HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERCORNING THESE FUNCTIONS, UNICES OTHERHSE INDICATED, FOR CORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL PARELS AND BOTTOM CHORD SMALL PARELS AND PARELS AND BOTTOM CHORD SMALL PARELS AND PARELS A DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF BUILDING DESIGNER PER ANSI/TPI I SEC. 2. 1.5X4 III A21) [3-0-0 3X4 // 3×5/ Design Crit: R=345 U=180 W=4.95" web 3X5≡ member. Attach 5×6= 3 X 4≡ TPI-2002 (STD) /FBC Cq/RT=1.00 (1.25) /10 (0) -37 - 3 - 8 0ver (B) 3 Supports 4 X 8 == 14-0-0 .5X4 III Right end vertical exposed to wind pressure. Deflection meets $\ensuremath{\mathsf{L}}/240$ criteria for brittle and flexible wall coverings. 110 mph wind, 16.91 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. (B) 2x4 SP #3 or better "I" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" OC. In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C. 3×5≡ 5×6# 3 X 4 ≡ GENS o. 5968 * 4×4// 0-3-8 TC DL DUR.FAC. ВС TC LL SNIJVOS TOT.LD. FL/-/4/-/-/R/ 민 R=1614 U=180 W=3" 1.5X4 W 4 X 4 == 34.0" 1.25 40.0 PSF 10.0 PSF 10.0 PSF 20.0 PSF 0.0 PSF 1-6-8 SEQN-DATE REF JRFT DRW HCUSR487 06216025 HC-ENG Scal æ R487--182H107 =.1875"/Ft. TCE / AF 08/04/06 121453 10 -4-2 67634 201

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP :Lt Wedge 2x4 SP (6-268--Glenwood King Gray #2 Dense #2 Dense #3 #3: A22) 110 mph wind, 16.91 ft mean hgt, ASCE 7 02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

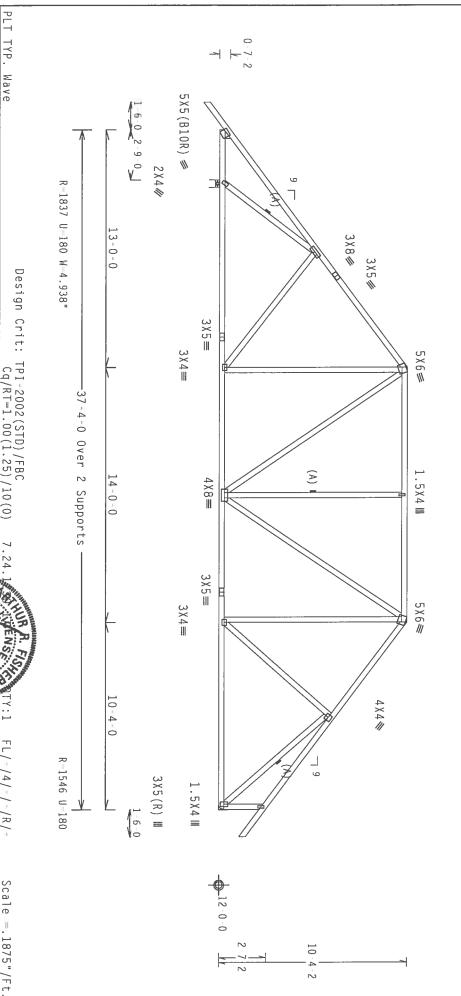
Right end vertical exposed to wind pressure. Deflection meets $L/240\,$ criteria for brittle and flexible wall coverings.

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

In

(A) Continuous lateral bracing equally spaced on member.

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



RIGID CEILING.

*

****IMPDRITANT****PRHISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPHE ENGINEER TO BRIDD THE PRODUCTS, INC. WALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: A ANY FATURE TO BRIDD THE RUSSES IN CONTRIBUTED AND THE TOTAL FOR THE RUSSES. TO CONTRIBUTE AND THE TOTAL FOR THE ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF IPI1-2002 DRAMING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEFRING RESPONSIBILITY SC PLAIES TO EACH FACE OF TRUSS AND OF TPI1-2002 SEC.3. A SEAL ON THIS ONSIBILITY SOLELY FOR THE TRUSS COMPONENT ANY BUILDING IS THE RESPONSIBILITY OF THE APPINE
H, S) GALV. STEEL. APPLY
STITION PER DRAWINGS 160A-Z

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

BUILDING DESIGNER PER ANSI/TPI I SEC.

ALPINE

Aug

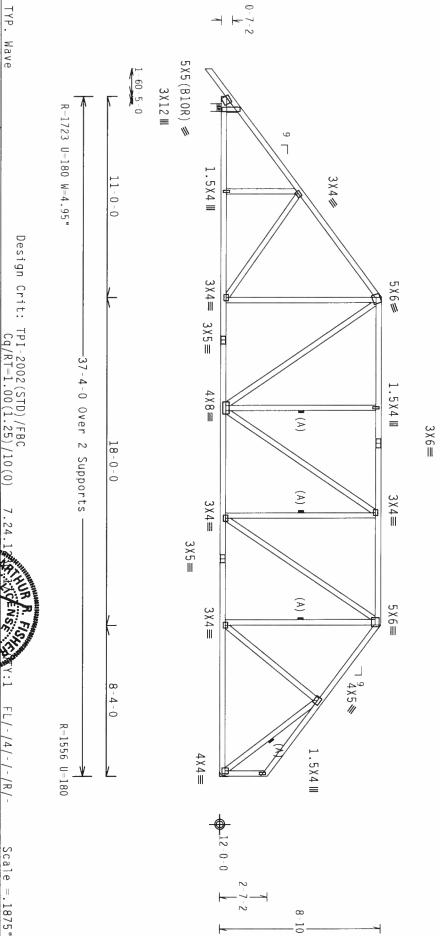
BC DL TC LL SPACING ВС TC DUR.FAC. TOT.LD. 2 40.0 24.0" 20.0 PSF 1.25 10.0 PSF 10.0 PSF 0.0 PSF PSF REF JRFF-SEQN-HC-ENG DATE DRW HCUSR487 06216026 R487--1SZH487 Z01 TCE/AF 08/04/06 121467 67635

Continuous lateral bracing equally spaced on member

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

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.



WARNING IRUSCLS BEOUREE EFERTE CARE IN FABRICATION, HARDLING, SUPPING, INSTALLING AND BRACING RETER TO BEST 103 (BUILDING COMPORERIE SAFETY INFORMATION), PUBLISHED BY FIT (TRUSS PLATE INSTITUTE, SAF3 D'ONOFRIO DE, SUTIT 200, MADISON, HI 53719) AND HEAVA, ADODE ENTERPRISE LH, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMENT HISTORY FUNCTIONS. HHIESS OTHERWISE INDICATED, FOR CORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED REGED CELLING.

TYP. Wave

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

AND FAILURE TO BRILD THE PRODUCTS, HEC. SHALL HOLD HE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN; MAY FAILURE TO BRILD THE TRUSS IN CONTRACHANCE WITH HELT.

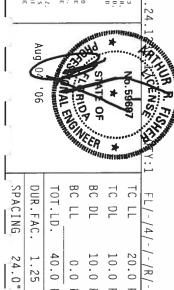
BY ALLEY AND THE PROVISCIONS OF MIDS (HATDOING, SHIPPING, INSTALLING BRACING OF RUSSES, DESIGN REARS HELT APPLICABLE PROVISCIONS OF MIDS (HATDOING, SHIPPING, AFRAYA, AND PI. APPLICABLE PROVISCIONS OF MIDS (HATDOING, SEC. B. AFRAYA, AND PI. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OFFICHAUS LOCALED ON THIS DESIGN, POSITION FER DRAWHINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER MAIRY AS OF TIPI 2002 SEC. 3. A SEAL ON THIS DESIGN SHOWN.

BRAINING INDICALES ACCEPTANCE OF PROTESSHOAL ENGINEERING RESPONSIBILITY SOLLY FOR THE RESPONSIBILITY OF THE SIGNAY HER SHOWN.

BRAINING INDICALES ACCEPTANCE OF PROTESSHOAL ENGINEERING RESPONSIBILITY SOLLY FOR THE RESPONSIBILITY OF THE DESIGN SHOWN. THE SUTTABLITY AND USE OF BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

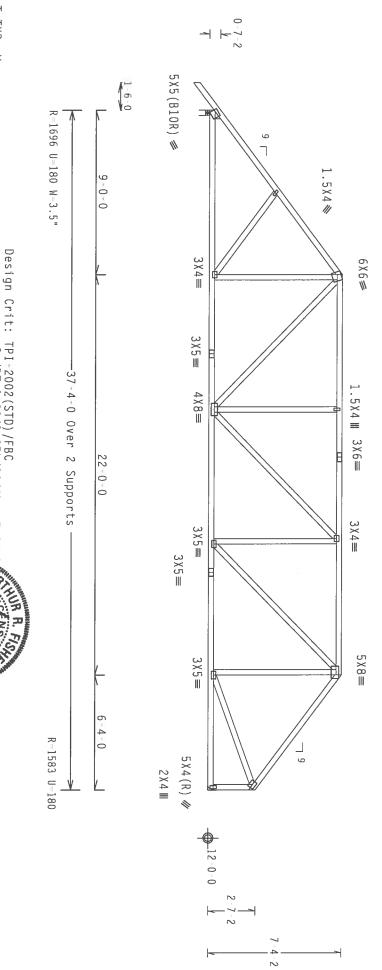
ALPINE



SPACING 24.0"	DUR.FAC. 1.25	TOT.LD. 40.0 PSF	BC LL 0.0 PSF	BC DL 10.0 PSF	TC DL 10.0 PSF	TC LL 20.0 PSF
1		PSF	PSF	PSF	PSF	PSF
JREF 1SZH487 Z01		SEQN- 121474	HC-ENG TCE/AF	DRW HCUSR487 06216027	DATE 08/04/06	REF R487 67636

Scale =.1875"/Ft.

Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 :Lt Wedge 2x4 SP #3: In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C. (6-268--Glenwood King Gray A24) 110 mph wind, 15.41 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. 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. B, wind TC



PLT TYP.

Wave

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

BUILDING DESIGNER PER ANSI/IPI 1 SEC

ALPINE

ALL BE PER AHREX AS OF IPIL-2002 SEC.3. A SEAL ON HITS
ALE REGINTERING RESPONSIBILITY SOLELY FOR HIE TRUSS COMPONENTS
THIS COMPOUENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

WARNING TRUSCES REQUIRE EXTRINE CARE IN FABRICATION, HANDING, SHIPPING, INSTALLING AND BRACING, RETER TO RESI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY 1PT (TRUSS PLAIE INSTITUTE, 583 D'OHOMETO DE, SUITE 200, HADISON, HI 53719) AND MECA (ADOND MENS COUNCIL OF AMERICA, 6300 ENTERPRISE LH, HADISON, HI 53719) FOR SAFETY PRACTICES PRIME TO PERFORMING INEST FUNCTIONS, UNIESS OTHERNISE INDICATED. FOR CORPO SMALL HAVE A PROPERLY ATTACHED STRUCTURAL FAMELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL FAMELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED RIGID CELLING.

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

7.24

o. 59687

TATE OF

ВС

9 DL

10.0 PSF 10.0 PSF

DRW HCUSR487 06216028

 $\mathcal{I}_{\mathcal{I}}$ TC LL

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

20.0

PSF

REF

Scale = .1875"/Ft R487 -- 67637

DATE

08/04/06

DUR.FAC.

1.25

TOT.LD.

40.0

PSF PSF

SEQN

121482

0.0

HC - ENG

TCE/AF

SPACING

24.0"

JREF-

1SZH487

201

Top chord 2x4 SP #2 Dense :T2, T3 2x6 SP Bot chord 2x6 SP #1 Dense Webs 2x4 SP #3 :W9 2x4 SP #2 Dense: :Lt Wedge 2x4 SP #3: 6 268 Glenwood King Gray 2x6 SP A25) Dense:

(A) Continuous lateral bracing equally spaced on member.

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

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

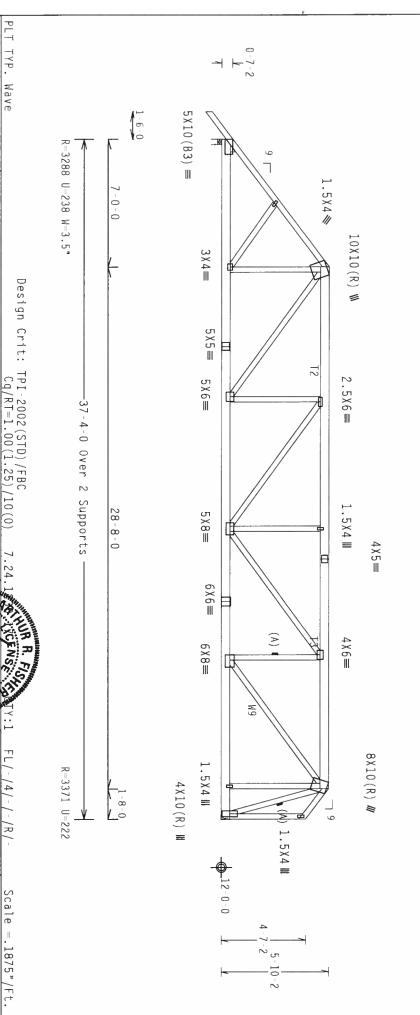
anywhere in roof, CAT II, EXP B, wind DL=5.0 psf. 7-02, CLOSED bldg, L TC DL=5.0 psf, wind

Right end vertical not exposed to wind pressure.

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

to

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



ALPINE BUILDING DESIGNER PER ANSI/TP1 1 SEC.

***MARNING** TRUSSIS BIQUIBE EXTREM CARE IN FARBICATION, IMMNIURA, SUPPLICA, INSTALLING AND BRACHIG. RETER TO BEST 10 3 GHULUNG COMPONIN SAFETY MORBHATON), PHRILISHED BY 1PT (TRUSS PAAIT INSTITUTE SES D POMORIO DR., SUITE 200, MADISON, MI 5379) AND MICA (MODO TRUSS COUNCIL OF MERICA, 6000 ENTERPRISE IN, IMADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO REFORMING INESS UNKELONS. UNILESS OTHERWISE INDICATED. DP COMPOS SHALL HAVE PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHOOD SHALL HAVE A PROPERTY ATTACHED. RIGIO CEILING

IMPORTANT*URRHISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FALLER TO BRITCH THE PRODUCTS, HEC. SHALL HOT BE RESPONSIBLE FOR ANY DEVLATION FROM HIS DESIGN: ANY FALLER TO BRITCH THE TRAUSES IN CONTRIBUTION FOR TABRICATING, HANDLING, SHIPPING, HYSTALLING & BRACHING OF TRUSSES.

DESIGN CONTRONS WITH APPLICABLE PROVISIONS OF HOS (MATIONAL DESIGN SPIC. BY ARRA), AND PI. ALPINE
CONNECTOR PLATES ARE MADE OF ZO/IBJIGGA NH HS/R) ASTH A65 GRADE 40/60 (NH K/H.S) GALV SHEEL. APPLY PHAITS OF EACH FACE OF TRUSS AND, UNLESS OHERWISE LOCATED ON HILS SEASON, POSITION PER DRAMINGS 160A, I ANY INSPECTION OF PLAIDS FOLLOWED BY (1) SMALL BE PER ANNEX AS OF 1P11 2002 SEC.3. AS SEASON HILS SMALLING HODICANTES ACCEPTANCE OF PROFESSIONAL ENGLIFIENCE RESPONSIBILITY OF THE RUSS COMPONENT OBSIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

STATE OF 40MOF 6.59687 90' BC DL TC DL TC LL SPACING 8 C DUR.FAC. TOT.LD. SFF ABOVE 1.25 40.0 10.0 PSF 10.0 PSF 20.0 PSF 0.0 PSF PSF DATE REF SEQN JRFF-DRW HCUSR487 06216029 HC-ENG R487--1SZH487 TCE/AF 08/04/06 121548 67638

Z01

Bot chord 2x6 SP Webs 2x4 SP TC Fr BC Fr TC Fr TC Fr 17.06, Fr 19.06, SPECIAL LOADS Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844 "Geate of on # 567 (6-268--Glenwood King Gray Provide connection TYP. From From From From From From , 19.06, 20.08, 351 LB Conc. L 826 LB Conc. L R DUR.FAC. =
65 PLF at
63 PLF a
63 PLF 7
63 PLF 7
70m 55 PLF
70m 20 Pl 80 LB 20.08, 414 LB (LUMBER ALPINE Wave Conc. 1 21.10, Conc. Load at 7.06, 8, 21.10, 23.10, Load at 33.10 Load at 7.00 Load at 9.06, 0, 23.10, 25.10, Load at 33.17 for concentrated load(s) shown at 40. **HARNING** HRUSE'S RIGHTEL EXTRIME CARE IN FARRICATION, IMANIHING, SHIPPING, HISTALLING AND BRACHNG. RELIER TO REST TO 3 (BUILDING COMPONENT SAFETY HURCHAIDD), PURITSHED BY TPI (TRUSE PLATE INSTITUTE, SOO D'ONDERLO BE, SHITE 200, MADISON, WI 53/19) AND MICA (MODO RRUSS COMNCIL OF AMERICA, 6300 ENTERMISE LIN, HARDISON, MI 53/19) FOR SAFETY PRACTICLS PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED RIGHD CILLING. **IMPORTANT***URRISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED PRODUCTS, INC. STALL NOT BE RESPONSIBLE FOR ANY SEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE THROUGHS, INC. STALL HIS A REACTH OF TRUSSES, IN CONTRACHANCE WITH HE!

OF TABLECATHIG, HOURS, INC. SHEPPING, INSTALLING A BRACTH OF TRUSSES, BESTON OF TRUSSES, AND STALL HIS A REACTH OF TRUSSES, AND STALL HIS OF THE STALL HIS DESIGN OF THE STALL HIS OF THE STALL HIS DESIGN OF THE STALL HIS OF THE STALL HIS DESIGN OF THE STALL HIS OF THE STALL HIS DESIGN OF THE STALL HIS OF THE STALL HIS DESIGN OF THE STALL HIS OF THE STALL HIS DESIGN OF THE STALL HIS OF THE STALL HIS DESIGN OF THE STALL HIS OF THE STALL HIS OF THE STALL HIS DESIGN OF THE STALL HIS OF THE STALL HIS OF THE STALL HIS DESIGN OF THE STALL HIS OF THE STALL HIS OF THE STALL HIS OF THE STALL HIS DESIGN OF THE STALL HIS OF THE STALL HIS OF THE STALL HIS DESIGN OF THE STALL HIS OF THE STALL HIS OF THE STALL HIS DESIGN OF THE STALL HIS OF THE STA ANY INSPECTION OF PLAIES FOLIONED BY (1) SMALL BE FER ANNEX A3 OF IPI1-2002 DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SY DESIGN SHOWN. THE SURFABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING DUILDING DESIGNER PER ANSI/IPI I SEC. 2. to to to 4X5(A1) =6 11.06, 27.10, 65 PLF 63 PLF 65 PLF 20 PLF 20 PLF 20 PLF 25.10, DUR.FAC. =2152 5 PLF at 7.00
3 PLF at 32.77
3 PLF at 34.13
5 PLF at 40.10
5 PLF at 40.17
5 PLF at 41.67
6 PLF at 41.67
6 PLF at 41.67
11.06, 13 0-0-0 13.06, 29.10, Design Crit: =404 2 X 4 III €X6= Ę 13.06, 29.10, 15.06, 31.10 5 X 5 = 22 $\dot{\mathbf{L}}$ $\frac{15.06}{31.10}$ 17.06 TPI-2002 (STD) /FBC 3 X 4≡ 12 $3 \times 4 \equiv$ Cq/RT=1.00(1.25)/10(0) 40-2 0 Over 5 X 6 == $2.5 \times 6 =$ 4 X 4 (R) Ⅲ 92 SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT HE IS THE RESPONSIBILITY OF THE 25 ģ 4X4(R) **■** 3X4= 3 Supports ώ R=5485 U=1187 W=3.5" 5×6= Top Chord: 1 Row @12.00" o.c.

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

Webs: 1 Row @ 4" o.c.

Use equal spacing between rows and stagger nails in each row to avoid splitting. 110 mph wind, 15.00 ft mean hgt, ASCE 7 02, CLOSED bldg, 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. 3 × 5 ≡ 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. Nailing Schedule: COMPLETE 7.24 TYCENSE FIS Aug €X6≡ 3 X 4 ≡ No.,69687 - 4 - 6 (12d_Common_(0.148"x3.25",_min.)_nails)
@12.00" o.c.
@12.00" o.c.
@ 12.00" o.c. TRUSSES 6.36 6-0-7 R=1408 U=257 W=3.5" 9 $4X5(A1) \equiv$ 5 X 8 (R) 1-6-0 REQUIRED SPACING ВС TC DUR.FAC Γ FL/-TOT.LD. P 믿 /4/-10.0 40.0 20.0 / · /R/-24.0" 10.0 1.25 0.0 PSF PSF PSF PSF PSF DATE REF JRFF-SEQN-HC-ENG DRW HCUSR487 06216035 Scale =.125"/Ft. R487--1SZH487 TCE/AF 08/04/06 118446 10 67639 Z01

Top chord 2x4 SP H Bot chord 2x4 SP H Webs 2x4 SP H :Lt Wedge 2x4 SP H #2 Dense

#3::Rt Wedge 2x4 SP

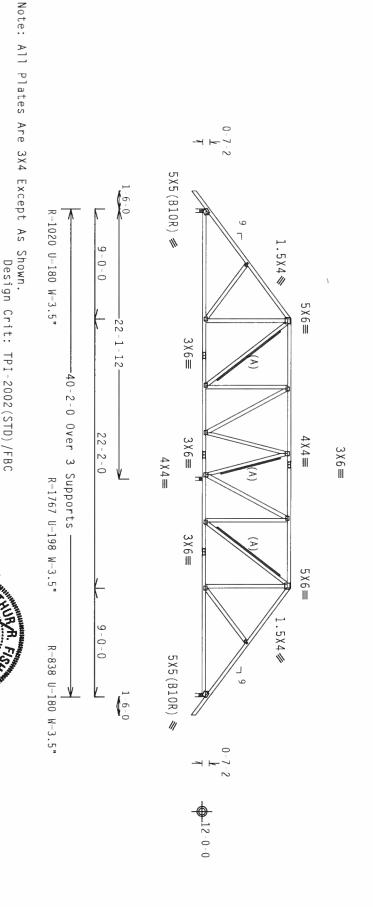
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.

WARNING: THIS TRUSS MUST BE INSTALLED EXACTLY AS SHOWN IT CAN NOT BE USED INSTALLED END-FOR-END.

110 mph wind, 15.41 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.

(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.

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 33844 FI Certificate of Authorization # 567 TYP. ALPINE Wave BUILDING DESIGNER PER ANSI/IPI I SEC.

MARNING RUISSIS RÉQUIRÉ ETREME CARE IN FABRICATION, HANDING. SHIPPING, INSTALLING AND BRACING. REFIRE TO RESI I DI GRUIDING COMPONENT SACELY HUTORRATION), PUBLISHED BY IPT (TRUSS PLATE INSTITUTE, SAS) D'ONDÉRIO DR., SUITE ZOO, HANDISON, HI SAJYO) AND WICA (MODO TRUSS COUNCEL DE MERICA, STOOC RELERFISE LUI, MADISON, HI SAJYO) FOR SACELY PRACTICES PRIOR TO PERFORMHER THESE FUNCTIONS. UNLESS OTHERNISE HUDICATED. FOR CORDO SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

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

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ANY TAILINE TO BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN:

ANY TAILINE TO BUILD THE

RUSS IN COMERNACE WITH PI.

OF TABRICALTHE, HANDLING, SHIPPING, INSTALLING & BRACING TRUSSES,

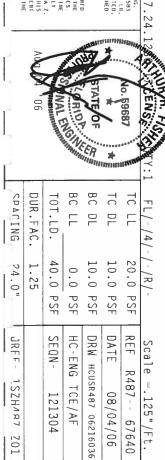
DESIGN CONFORMACE WITH PI.

OF TABRICALTHE, HANDLING, SHIPPING, INSTALLING & BRACING TRUSSES,

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF 1005 (MATIONAL DESIGN SPEC, BY ATRAP) AND PI.

CONNECTOR PI AIRS ARE HAND OF 70/184/186A (M-H/SY) ASTH ASSES GRADE 40/50 (M-K/H-S) QAVE. SIELL APPLY

PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE, LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS CEEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE IRUSS COMPONENT SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE OF TP11 2002 SEC.3 SEAL ON THIS



TCE / AF

121304

1SZH187 Z01

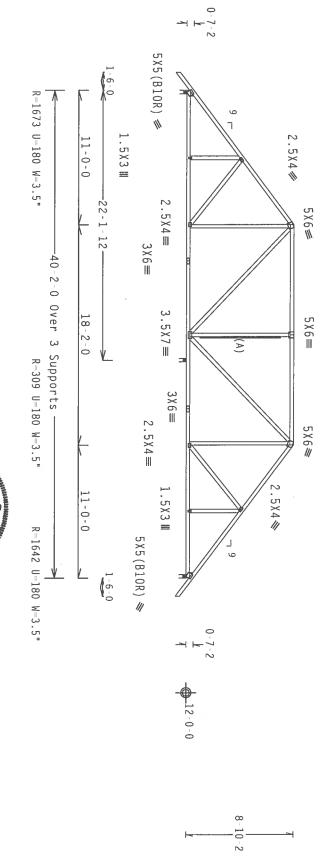
R487--

67640

08/04/06

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Lt Wedge 2x4 SP #3::Rt Wedge In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC. (6-268--Glenwood King Gray 2x4 SP ** B3) (A) 1x4~#3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" 0C. 110 mph wind, 16.16 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 Dt=5.0 psf.

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 Hanes City, FL 33844 FL Certificate of Authorization # 567 TYP. ALPINE Wave **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FALLINE TO BUILD THE PRODUCTS, INC. SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN: ANY FALLINE TO BUILD THE RUSSES IN COMPRHANCE WITH HE!

OF FABRICATION, HAVE ALTHOUGH THE PER FARSES OF THE PROPERTY OF THE PROPERTY OF THE PER FARSES, BUILDING OF THE PER FARSES, AND THE PER FARSES, AND THE CONNECTOR PALARES ARE ALDE OF 70/189/160A (H.H.1574) ASTH MAS GANDE COPIES OF THE PER FARSES, AND THE POLICES OF THE PER FARSES OF TH **WARNING** IRUSSES REQUIRE EXTREME CARE IN FABRICATION. MANDEING. SHIPPING. INSTALLING AND BRACING. RETER TO BEST 1-03 (BUILDING COMPONIN) SAFITY INFORMATION, PUBLICIAND BY PI (TRUSS PLATE INSTITUTE, 583 B' 0-000FRIO BN. SUITE 200, AND SOM, 4H 53719) AND MICA (MOOD TRUSS COUNCEL OF ANRICA, 6300 ENTERPRISE LIN, MADISON, 4H 53719) FOR SAFITY PRACTICES PRIDE TO PERFORMING THESE FUNCTIONS. UNLESS OTHERNISE 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 CEILLING. DESIGN SHOWN. THE SUTTABILLTY AND BUILDING DESIGNER PER ANSI/TPI 1 SEC. Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) NUR FIG lo. 59687 * BC DL TC DL DUR.FAC. TC LL SPACING TOT.LD. FL/-/4/-/-/R/-40.0 1.25 10.0 PSF 10.0 PSF 20.0 PSF 0.0 24.0" PSF PSF DATE REF JRFF-SEQN-HC-ENG DRW HCUSR487 06216037 Scale =.125"/Ft. R487---SZH4R7 TCE / AF 80672 08/04/06 67641

201

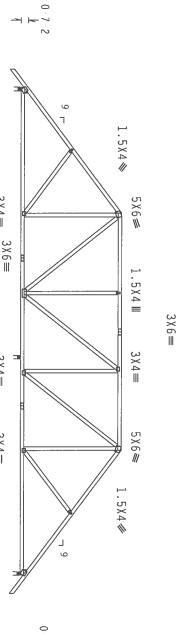
REV

Top chord 2x4 S Bot chord 2x4 S Webs 2x4 S :Lt Wedge 2x4 S 44444) #2 Dense) #2 Dense) #3 P #3::Rt Wedge 2x4 SP #

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

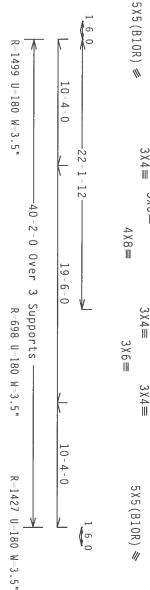
110 mph wind, 15.91 ft mean hgt, ASCE 7-02, CLOSED located within 6.50 ft from roof edge, CAT II, EXP DL=5.0 psf, wind BC DL=5.0 psf. B, wind TC

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



12-0-0

4



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

TYP.

Wave

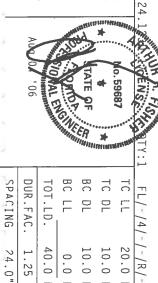
Design Crit:

IMPORTANTFURHISH A COPY OF THIS DESIGN 10 THE INSTALLATION CONTRACTOR.

ALPHE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD BHE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION, HAD HIS DESIGN. ANY FAILURE TO BUILD BHE ROSSES IN CONTRAMACE WITH HE! OF FARRICATION, HAD HIG, SHIPPING, AND FOIL APPLICABLE PROVISIONS OF DOS (MATIONAL DESIGN SECE, BY ATREA) AND FOI. APPLICABLE FOR PLATES ARE HADO OF 70/18/1/66A (H.H/5/K) ASTH AG53 GRADE 40/60 (H. K/H.S) GALV. STIELL APPLY PLATES TO EACH FACE OF TRUSS AND. BHECSS ONLINESS OF THIS DESIGN, POSITION PER DEARHINGS 160A. Z. ANY HISTOCION OF PLATES FOLLOWED BY (I) SHALL BE FER ANNEX AS OF THIS 200EX FOR THE TRUSS COMPONENT DESIGN SHALLS AGGINED FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABLILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE BUILDING DESIGNER PER ANSI/IPI 1 SEC. 2.

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

ALPINE



J			MINI	cr Vinini	# mun
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF
JRFF- 1SZH487 ZO1		SEQN- 121322	HC-ENG TCE/AF	DRW HCUSR487 06216039	DATE 08/04/06

20.0 PSF

REF

67642

Scale = .125"/Ft. R487--

Top chord 2x4
Bot chord 2x4
Webs 2x4
:Lt Wedge 2x4 Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is $1.50\,\mathrm{.}$ Alpine Engineered Products, Inc. 1950 Marley Drive Hames City, FL 33844 FL Certificate of Authorization # 567 (6-268--Glenwood King Gray TYP. ALPINE Wave 48848 P #2 Dense P #2 Dense P #3::Rt Wedge 2x4 SP # 0 DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/IPI I SEC. 2. RIGIO CEILING 5X5 (B10R) * R=1603 U=180 W=3.5* 9 1.5X4// 0-4-0 Design Crit: 21-3-14 $3 \times 4 \equiv$ TPI=2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 3 \ 6 ≡ 40 2-0 1.5X4 W 4 X 8 = Over 3 Supports 19 - 6 - 03 X 6 = R-447 U-180 W-7.75 3 X 4 ≡ 3 X 4 ≡ 3 \ 6 ≡ 110 mph wind, 15.91 ft mean hgt, ASCE 7-02, CLOSED located within 6.50 ft from roof edge, CAT II, EXP DL=5.0 psf, wind BC DL=5.0 psf. In lieu of structural panels or rigid brace TC @ 24" OC, BC @ 24" OC. 5 X 6 ₩ 3 X 4 ≡ Aug HUR R. CENS 1.5X4 // TATE OF 10-4-0 6.59687 90' R=1575 U=180 W=3.5" 5X5 (B10R) R ≯ BC DL TC DL TC LL DUR . FAC. TOT.LD. FL/-/4/-/-/R/ceiling use purlins 40.0 10.0 PSF 10.0 PSF 20.0 PSF 0.0 B, wind TC PSF PSF t o SEQN-DATE REF HC-ENG DRW HCUSR487 06216040 Scale = .125"/Ft. R487 == 67643 TCE/AF 08/04/06 121332 4

SPACING

24.0"

JREF-

1SZH487

201

Top chord 2x4 9
Bot chord 2x4 9
Webs 2x4 9
:Lt Wedge 2x4 9 In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C. 6 268 Glenwood King Gray P #2 Dense P #2 Dense P #3::Rt Wedge 2x4 SP # * #3: (A) 2x4 SP #3 or better "T" brace. 80% length of web Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 110 mph wind, 15.91 ft mean hgt, ASCE 7-02, CLOSED located within 6.50 ft from roof edge, CAT II, EXP DL=5.0 psf, wind BC DL=5.0 psf. bldg, not B, wind TC member.

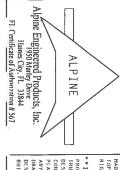
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

0 5X5 (B10R) 6-0 R=1536 U= 1.5X4W 7 - 14 -10-4-0 206 W=3.5" R=352 U=180 W=7.75" $3X4 \equiv$ **€** X 6 **≡** 3×6≡ 40 1.5X4 III 2-0 4 X 8 = 0ver ပ် Ó W Ö Supports 3X4 =3 \ 4 ≡ 3 X 6 ≡ 3 X 4 ≡ 6X6# 1.5X4 / 10 - 4 - 0R=1736 U=181 W=3.5" 5X5 (B10R) **1**−6−0 0 **⊕**_12-0-0

œ

Ś

3 X 6 ≡



WARNING TRUSES REQUIRE TYTECH CARE TH FARRICATION, MADDLURG, SHEPTING, INSTALLING AND BRACHEC, RETER TO REST 1-02 (BUILDING COMPONENT SAFETY MEDRACHING), PUBLISHED BY IPTING, INSTALLING AND BRACHEC, RETER TO REST, 1-02 (BUILDING COMPONENT SAFETY), AND WITEA (MODO TRUSS COUNCIL OF AMERICA, GOID ENTERPRISE IN, HADISON, HI 5279), FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE UNCLOSES, UNITES OTHERWISE INDICATED, FOR CHARD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANIELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANIELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANIELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANIELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANIELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANIELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANIELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANIELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANIELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANIELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANIELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANIELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANIELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANIELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANIELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANIELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANIELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANIELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANIELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANIELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANIELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANIELS AND BOTTOM CHORD SHALL PANIELS AND STRUCTURAL PA

Design Crit:

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

NC WSE

FL/-/4/-

/-/R/-

Scale

125"/Ft. 7-- 67644

6.59687

innum Transmi

> 20.0 PSF 10.0 PSF

DATE

08/04/06

REF

R487--

10.0 PSF 0.0 PSF

DRW HCUSR487 06216041

TC DL BC DL LL BC DL LL

40.0 PSF 1.25

SEQN

121339

HC-ENG

TCE/AF

PLT

TYP.

Wave

IMPORTANTTHRNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED
PRODUCTS, LIEC. SMALL NOT BE RESPONSIBILE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BILLIO THE
PRODUCTS, LIEC. SMALL NOT BE RESPONSIBILE FOR ANY DEVIATION FOR THIS DESIGN.

DESIGN CONTRORNS WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY ALFA) AND THE
COUNTCION PARTES AND CONTROLORS OF THE SECOND OF THE SECOND FOR THE SECOND THE SECOND FOR THE SECOND THE SECOND FOR THE SECOND THE SECOND THIS DESIGN. POSITION FOR DRAWINGS AND LIMITES AND LIMITES AND LIMITES OF THIS CONTROLOR OF THE SECOND THIS DESIGN SHOWN THE SECOND OF THE SECOND FOR THE SHOWN THE SECOND SECOND THE SECOND THE SECOND THIS DESIGN SHOWN THE SECOND THE SECOND THIS DESIGN SHOWN THE SECOND THE SHOWN THE SECOND THE SECOND THIS DESIGN SHOWN THE SHIP THE SECOND THE SECOND THE SECOND THE SHOWN THE SHIP THE SECOND THE SE

04 '06

TOT.LD.
DUR.FAC
SPACING

24.0"

JRFF-

1SZH487

Z01

l op Bot (6-268--Glenwood King Gray op chord 2x4 SP #2 Dense of chord 2x4 SP #2 Dense Webs 2x4 SP #3. It Wedge 2x4 SP #3:

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

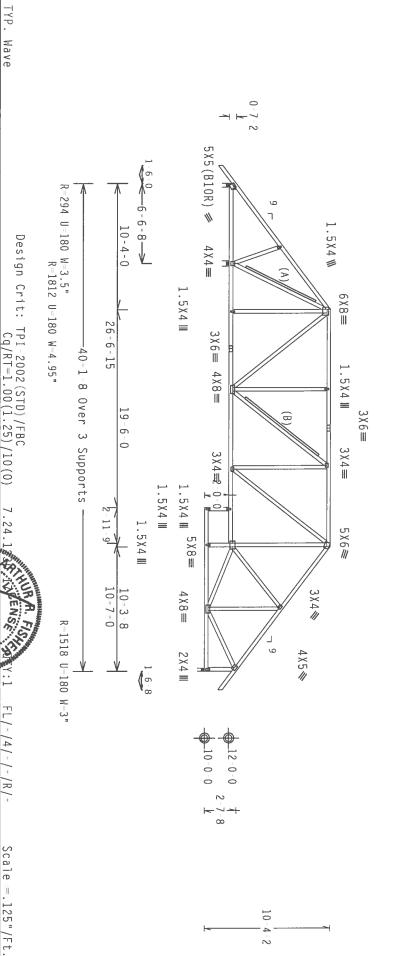
11:

Laterally brace BC at 24" OC in lieu of rigid ceiling. Laterally brace BC above filler at 24" OC including a lateral brace at chord ends. Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is $1.50\,\mathrm{.}$

110 mph wind, 15.91 ft mean hgt, ASCE 7 02, CLOSED located within 6.50 ft from roof edge, CAT II, EXP DL=5.0 psf, wind BC DL=5.0 psf. bldg, not B, wind TC

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

(A) 2x6 SP #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" 0C.



Ś

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

ALPINE

RIGID CEILING

MADORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ARPONDETS, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BRILLD THE RUSS IN CONFORMANCE WITH THE TO THE FOR THE FORMANDE WITH THE THE PROPESSIONS OF THIS CHARLES, SHIPPING, INSTALLING A BRACING OF BRUSSES, DESIGN CONFORMS WITH APPLICABLE PROPESSIONS OF THIS CHAILDAND EDESIGN SPEC, BY ATAPA) AND THE CONNECTION PART AS ARE MADE OF 70/18/16/A (M. 18/24), ASTH MASS DRANGE 40/16/A (M. 18/24), AND THE CONNECTION PART AS AND THIS DESIGN. PRINTING PROPERTY OF THE BRAHLING STORMAND OF PLATES FOL ORDER BY (1) SHALL BE FER ARMER AS OF THIS DESIGN. PRINTING THE BRAHLINGS TOWN OF THE STANDARD OF PLATES OF CHARLES OF THE FER ARMER AS OF THIS DESIGN. THE STANDARD LIFE STANDARD SECOND OF THE STANDARD

Aug

90

SPACING

24.0"

JREF-

1SZH4R7

701

DUR.FAC. TOT.LD.

1.25

40.0

PSF

SEQN-HC-ENG

121351

0.0

PSF

***WARNING** HRUSE'S BROWLE EXTERM CARE IN FAREICATION, IMABILING, SUPPING, INSTALLING AND BRACHIG BELLE TO ROCK I DO. QUILLUNG COMPORIES SAFETY MICHORALION), PUBLICING BY THE (TRUES PAREI INSTITUTE, SEA) TO CHORLING BY TO AMERICA, GOOD (HIERPRISE LE, MADISIA, MI 53/19) FOR SAFETY PRACTICES PRIVE TO PERFORMED HINSE COMMETLE OF MERICA, GOOD (HIERPRISE LE, DA) TO EXPONENT MATERIAL TO PROBERTY ATACHED STRUCTURAL PAREIX AND BOLTOM CHORD SHALL HAVE A PROBERTY ATACHED.

lo. 9968

×

TC DL IC LL

DATE REF

08/04/06

20.0 10.0 PSF

PSF

R487

67645

410P. NE NEER

BC DL

10.0 PSF

DRW HCUSR487 06216042

TCE/AF

Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 :W1 2x4 SP :W3, W11 2x4 SP #2: 2 Dense:

Left end vertical not exposed to wind pressure.

Calculated horizontal deflection is 0.11" due to live load and 0.18" due to dead load.

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

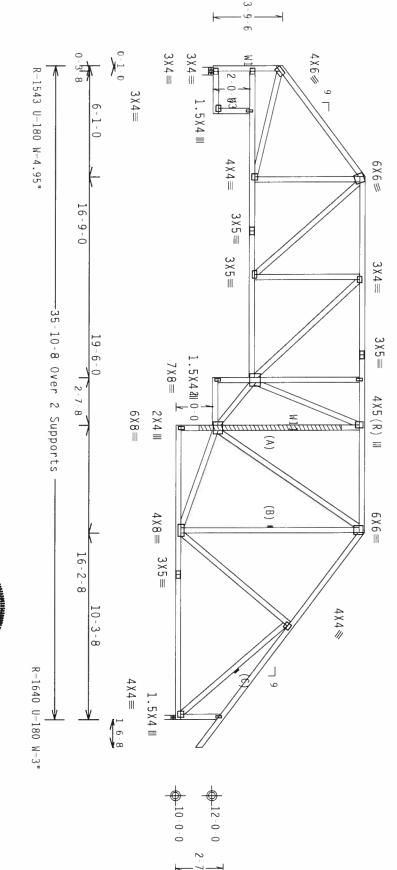
Laterally brace BC at 24" OC in lieu of rigid ceiling Laterally brace BC above filler at 24" OC including a lateral brace at chord ends.

110 mph wind, 15.91 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

- (A) SP #3 or better scab brace. Same size & 80% length of web member. Attach with 10d Box or Gun (0.128"x3",min.)nails @ 6"
- (B) Continuous lateral bracing equally spaced on member. Or 2x4 SP #3 or better "T" brace. 80% length of web member. Attached with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" 0C.
- (C) Continuous lateral bracing equally spaced on member. Or 2x6 #3 or better "T" brace. 80% length of web member. Attached with Box or Gun (0.135"x3.5",min.)nails @ 6" OC.

1.5X4 Ⅲ



10

WARNING IRRISES BEODIBE EXTREME CARE IN FABRICATION, HANDING, SHIPPING, HISTACLING AND BRACING. RETER TO BEST 1 03 (BULLOTHG COMPORED IS ACTIVE THE TRANSFORM TO BE STATE THE TRANSFORM TO BE STATE THE ST TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0)

Design Crit:

TYP.

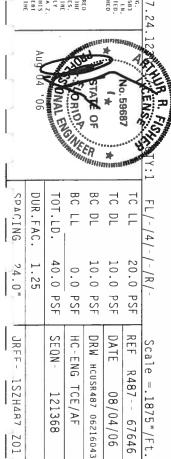
Wave

IMPORTANT*URRIESH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FALURE TO BUILD THE RADDUCTS, THE SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FALURE TO BUILD THE RADS SET UP CONTRACTOR THE THE FARRICATING, LANGUING, SHIPPING, INSTALLING A BRACTING OF HRISSES.

DESIGN CONTRACT WITH THE THE ARRICATING THOSE (MATIONAL DESIGN SPEC, BY ALENDA AND THE APPLY PARTIES OF THE CONTRACTOR PLATES, ARE MODE OF ZOTIONAGO ACHIEVED, ASIA MASS SEASON OFFOC BY ALENDA AND THE CONTRACTOR PLATES, ARE MODE OF ZOTIONAGO ACHIEVED, ASIA MASS SEASON OFFOC BY ALENDA AND THE CONTRACTOR PLATES, ARE MODE OF ZOTIONAGO ACHIEVED, ASIA MASS SEASON OFFOC BY ALENDA AND THE CONTRACTOR PLATES, ARE MODE OF ZOTIONAGO ACHIEVED. ASIA MASS SEASON OFFOC BY ALENDA AND THE CONTRACTOR PLATES AND AUGUST ASIA MASS SHOWN OF THE CONTRACTOR PLATES. ANY HISPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF IP11 2002 SEC.3 DRAWTHG INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLLTY OF SIGN SHOWN. THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE BUILDING DESIGNER PER ANSI/IP1 1 SEC. 2. ONSIBILITY SOLELY FOR THE TRUSS COMPONENT ANY BUILDING IS THE RESPONSIBILITY OF THE V SEAL ON THIS

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

ALPINE



TCE/AF

121368

1SZH4R7

201

R487--

67646

08/04/06

6

Top chord 2x4 SP # Bot chord 2x4 SP # Webs 2x4 SP # :W11 2x4 SP #2: P #2 Dense P #2 Dense P #3 :W3 2x4 SP #2 Dense

Left end vertical not exposed to wind pressure.

Calculated horizontal deflection is 0.15" due to live load and 0.21" due to dead load.

(A) Continuous lateral bracing equally spaced on member. Or 1x4 #3 or better "T" brace. 80% length of web member. Attached with Box or Gun (0.113"x2.5",min.)nails @ 6" OC. SP 4S

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

1.5X4 Ⅲ

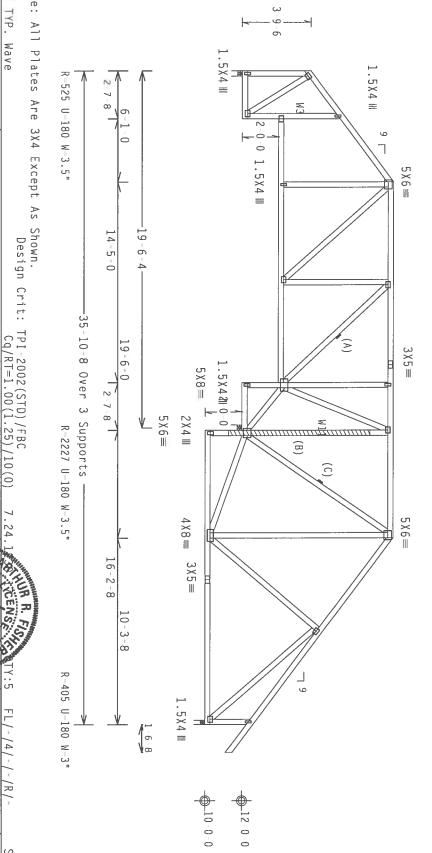
110 mph wind, 15.91 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

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

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

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



10

2

Note: All Plates Are 3X4 Except As Shown. Design Crit:

TYP.

Wave

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

IMPORTANTTURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE FOR BUILD THE PRODUCTS, INC. SMALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE FOR BUILD THE TRUSS IN CONTORNANCE WITH TOT! OR FABRICATION, IMPOLLING, SHIPPING, THATALING A BRACKING OF TRUSSES.

DESIGN CONTORNS WITH APPLICABLE PROVISIONS OF ROS (HATIONAL DESIGN SPEC, BY ALAPA) AND TPI. ALPINE CONNECTOR PLACES, ARE HADE OF 20/18/16GA (4.14/5/) ANY HAS GRADE AD/60 (4.17/1.5) GALV. STELL. APPLY PLATES TO ALE MARES LOCATED ON THIS DESIGN FOR THE POSTION PER RAWAINGS SIGNA ZANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNIES AND ON THIS 2002 SEC. 3. A SEAL ON THIS ANY HASPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNIES AND OF TPI 2002 SEC. 3. A SEAL ON THIS ANY HASPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNIES AND DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

Alpine Engineered Products, Inc.

ALPINE

Cate of A

33844 n # 567

BUILDING DESIGNER PER ANSI/IPI 1 SEC. Z



40.0

PSF PSF

SEQN-

121356

0.0

HC-ENG

TCE / AF

1.25

24.0"

JRFF

1SZH187

201

CENSE

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

10.0 20.0 PSF

PSF

DATE

08/04/06

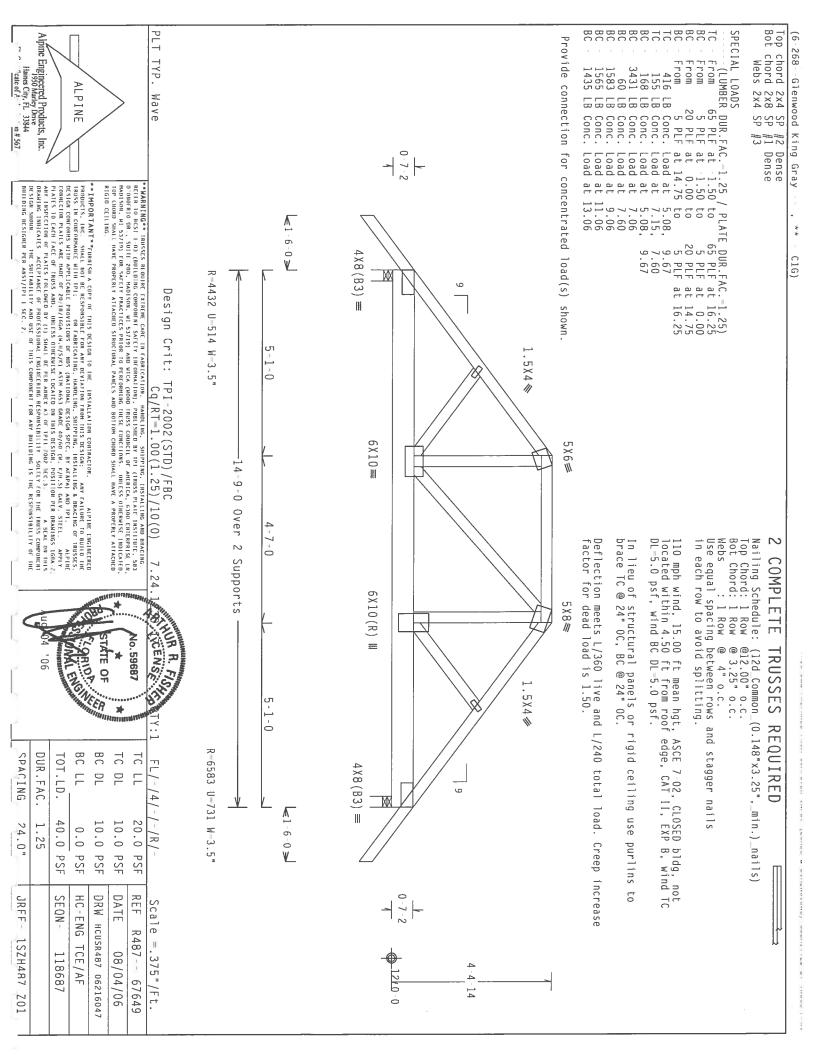
REF

67647

Scale = .1875"/Ft. R487

10.0 PSF

DRW HCUSR487 06216044



(6–268–-Glenwood King Gray C2G)

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

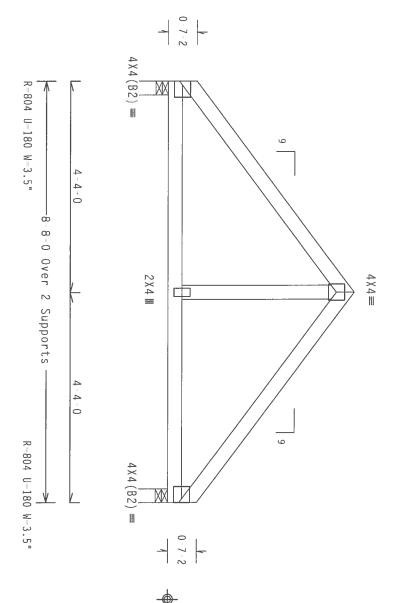
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

ווואי משית ושבי ושבי בשמו ממוח מובש בנות מו (במושמי ש מזובח מנותו למסות וובש בי ושמוס וחש

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

Provide connection for concentrated load(s) shown



MARNING IRUSSES REQUIRE EXTREME CARE IN FARRICATION. MANDEING. SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1: 03 (BUILDING CORPORDER) SAFETY HIMORRALION, PUBLISHED BY IPI (TRUSS PLATE INSTITUTE, SAG D'O-MODRIO BR. S. SHIE ZOO, AADISON, HI 53719) AND MICA (MOND TRUSS COUNCELL OF MERICA, 6300 ENTERPRISE LM, INADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING INESE FUNCTIONS. DHEES OTHERHISE INDICATED. TOP CUMPD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL PAMELS AND BOTTOM CHORD SHALL PAMELS AND BOTTOM CHORD SHALL PAMELS AND SHALL PAMELS AND BOTT Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

TYP. Wave

***MAPORTANT**TURRISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

AIPTIME ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEFIATION ROW HIS DESIGN. ANY FAILURE TO BUILDD HIS IRROS IN CONTRAMACE WITH PIE.

BESIGN CONFORMS HITH APPLICABLE PROVISIONS OF DUS (MATIGNAL DESIGN SPEC, BY AFRA) AND TPI.

APPLICABLE PROVISIONS OF DUS (MATIGNAL DESIGN SPEC, BY AFRA) AND TPI.

CONNECTION PAIRES ARE AND OF 20/149/160A (4.14/58/) ASIA ASS GRANDE 40/50 (4.74/18.) GALV. SIEL.

APPLY

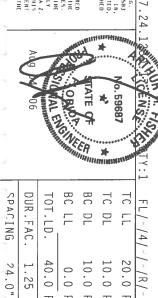
TRAILES TO EACH FACE OF TRUSS AND. DURLESS OFFERNISE (DOCALED OF THIS DESIGN, POSITION PER BRAHHIGS 160A 2.

ANY INSPECTION OF PAIRES FOR LOHD BY (1) SHALL HE FPR AMERY AS OF FPI1-2002 SEC. 3.

AS ANY ARE OFFERNISE THE AUGUST OF PROFESSIONAL ENGINEERING RESPONSIBILITY OF THE RESPONSIBILITY OF THE BUSILITY OF THE BUSIL

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

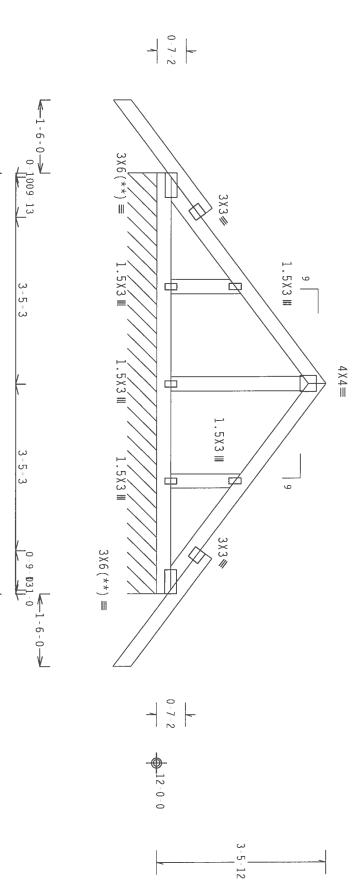
ALPINE



		T. C.	G N C	ER	**************************************	
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	וכ רר
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JRFF 1SZH487 ZO1		SEQN- 118428	HC-ENG TCE/AF	DRW HCUSR487 06216048	DATE 08/04/06	REF R48/ 6/650

Scale = .5"/Ft

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C. Truss spaced at 24.0" OC designed to support $1\cdot 6\cdot 0$ top chord outlookers. Cladding load shall not exceed 10.00 PSF. Top chord must not be cut or notched. Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 (6-268--Glenwood King Gray * C3 - GE) 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. (**) 2 plate(s) require special positioning. Refer to so plate plot details for special positioning requirements. Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50. See DWGS All015EE0405 & GBLLETIN0405 for more requirements. Refer to scaled



PLT TYP.

Wave

R=163 PLF U=64

PLF W=8

ά

ó 8-8-0

Over Continuous Support

Alpine Engineered Products, Inc 1950 Marley Drive

ALPINE

RIGIO CEILING.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE PRODUCTS, THE. SHALL NOT BE RESPONSIBLE FOR ANY DETVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN CONFORMACE WITH IN FILE.

OF FARRESTHIC, CONFORMACE WITH APPLICABLE PROVISIONS OF MADS (MATHOMA, DESIGN SPEC, AN AFRA) AND TET.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MADS (MATHOMA, DESIGN SPEC, AN AFRA) AND TET.

CONNECTOR PLATES ARE HADE OF 20/18/16/6A (M.H/S/K) ASIN A653 GRADE 40/60 (M. K/M.S) GALV. SITEEL, APPLY PLATES TO EACH FACE OF TRUSS AND. UNICES OHIERRISE LOCATED ON THIS DESIGN, POSITION PER DRAWHIGS TO A PROVISION OF MATES AND THIS TO COMPOUND THE MATES AND THE TRUSS COMPOUND THE CONTRACT OF PLATES FOLLOWED BY (I) SHALL BE PER ANDEX AS OF THI 2002 SEC.3.

SEAL ON THIS SHADE OF PLATES FOLLOWED BY (I) SHALL BE PER ANDEX AS OF THI 2002 SEC.3.

SEAL ON THIS DRAWH IG INDICATES ACCEPTANCE OF PROVIETS/STORAL ENGLINE AS OF THIS COMPOUND TO REAL PROVIDED HE THAT SHADE OF THE TRUSS COMPOUND THE SIGN SHADE.

DRAWHING INDICATES ACCEPTANCE OF PROVIETS/STORAL ENGLINE AS OF THIS COMPOUND TO REAL PROVIDED THE TRUSS COMPOUND THE SIGN SHADE.

THE SHADE AND THE SULTABILITY AND USE OF THIS COMPOUND TOR ANY BUILDING IS THE RESPONSIBILITY OF THE

ONAL ENGINEERS

BC LL BC DL TC DL

0.0 PSF

HC-ENG

TCE/AF 80675

*

10.0 PSF 20.0 PSF

DATE REF

08/04/06

67651

10.0 PSF

DRW HCUSR487 06216049

TC LL

FL/=/4/=

Scale = .5"/Ft. R487--

90

SPACING

SFF

ABOVE

JRFF-

1SZH4R7

201

DUR.FAC. TOT.LD.

1.25

40.0

PSF

SEQN-

REV

****MARNING** HOUSEES BEQUIRE LYBERE CAME IN FAMBLIATION, HANDLING, SHIPPING, INSTALLING AND BRACING, BELLE DO RESI DOS, BUNLING COMPONERS ASELY MOMENATION), PROLESSED BY TO CHRUSS PART LESSITUAL, 563 DO UNICENTES ABBRICA, 6300 INTERPRISE LA, MADISON, AL 53719) FOR SAFELY PRACTICES PRIOR DO PROFERENTIAL HAS THE CAME OF CHORD SHALL NAVE ARROFERLY ATTACHED FOR CHORD SHALL NAVE ARROFERLY ATTACHED.

Design Crit:

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

/10(0)

CENS

Teate of A 1 33844

DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR BUILDING DESIGNER PER ANSI/1P1 1 SEC. 2.

6

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

to

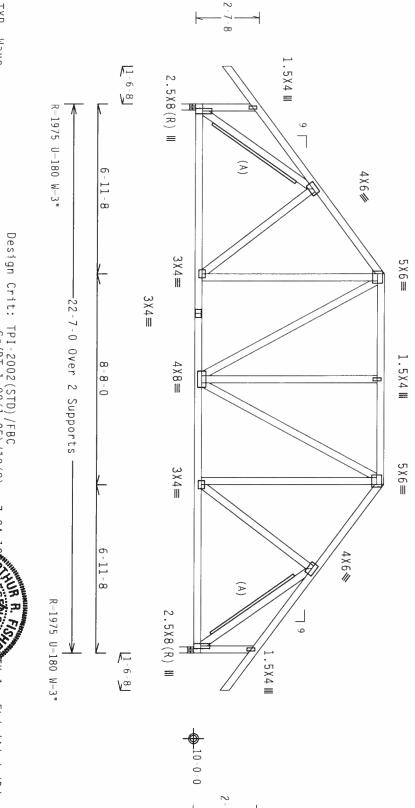
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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

(A) 1x4 SP #3 or better "I" brace. 80% length of web member.

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

#1 hip supports 6–11–8 jacks #/2 panel TC and no end vert.



10-2

HARNING TRUSSES REQUIRE EXTREME CARE TH FARRICATION. INABELING. SHIPPING, INSTALLING AND BRACING, RETER TO BEST 1 D. (BUILDING COMPONENT SAFETY IN GRANATION), PHULSING THE (RISSS PLATE INSTITUTE, 583 D. FONDERIO BE, STITZ 200, AND ISSON, HIS \$3719) AND BYCA (4000) TRUSS COUNCIL OF AFFRICA, 5000 CHIEFRESE LH, MADISON, HI \$3719) FIR \$AFETY AND THE APPROPRIEST LH, BADISON, HI \$3719) FIR \$AFETY PRACTICES PRIOR TO PIR GRAFING THESE FUNCTIONS. UNITESS OTHERWISE TRUBCATED TO PIR GRAFING THE SAFETY PRACTICES PRIOR TO PIR GRAFING THE SET FUNCTIONS. UNITESS OTHERWISE TRUBCATED THE CHARLES AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED REGION CELLING.

TYP. Wave

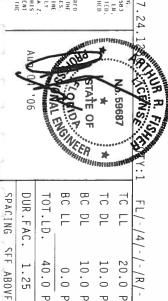
** IMPORTANT**QURRISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

**PRODUCTS, LINC SMALL BUT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUTLED THE TRISS'S IN COMMERANCE WITH APPLICABLE PROVISIONS OF MOS (MAIDLING, SHIPPING, INSTALLING & BRACHING OF TRUSSES, DESIGN CONTORNS WITH APPLICABLE PROVISIONS OF MOS (MAIDLING, SHIPPING, INSTALLING & BRACHING THE COMMICTION PLATES ARE AND OF 70710-1166A (M.1/SYK) ASTH ASSO GRADE 40/GOR (M. K/M.S) GALV. STEEL APPLY PLATES TO EACH FOR THIS STOLLOWED BY 10 SMALL BE FER ABBEX AS OF THIS DOORS SEC. 3. ASEAL ON THIS DEATH OF HOLD FOR THIS STOLLOWED BY 11) SMALL BE FER ABBEX AS OF THIS DOORS SEC. 3. ASEAL ON THIS DEATH OF HOLD SEC. 3. ASEAL ON THIS DESIGN SHOWN IN THE SHIFTABLE FOR THE STORMS ENGINEERING RESPONSIBILITY SULLEY FOR THE RUSS COMPORER DESIGN SHOWN IN THE SHIFTABLE FOR MISSION SHOWN IN THE SHIFTABLE F

Alpine Engineered Products, Inc.

ALPINE

1950 Marley Drive
Haines City, FL 33844
Cicate of / 2n # 567



		TRANS	EER	***************************************	IN PRINCE
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- 120648	HC-ENG TCE/AF	DRW HCUSR487 06216050	DATE 08/04/06	REF R487 67652

Scale =.25"/Ft

JRFF-

1SZH487 Z01

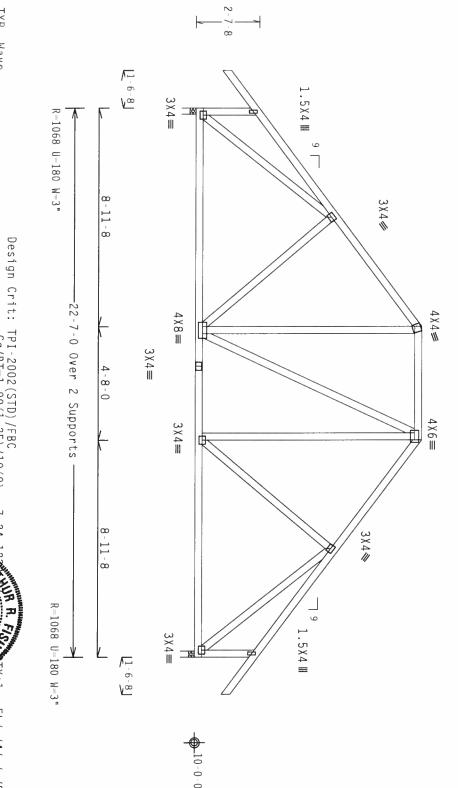
Bot chord 2x4 SP / Webs 2x4 SP / #2 Dense #2 Dense #3

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

110 mph wind; 15.41 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

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.



9

HARNING IRUSSES REQUIRE EXIRINE CARE IN FABRICATION. HANDLING. SHIPPING. INSTALLING AND BRACING. RETER TO BEST 1 03 (BUILDING COMPONENT SAFETY HIGHWANTON), PUBLISHED BY FPI (RUSS PLATE INSTITUTE. 583 0 "OHDERLO BR. SHITE 2004. AND SOM. AN 15 3219) AND MICA (MODO BRUSS COUNCELL ON ANN ELA, 6300 ENTERPRISE LH. HADISON. MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNIT SS OTHERWISE INDICATED. TOP CHORD SHALL HAVE A PROPERLY ATTACHED SRIGED CELLING. Cq/RT=1.00(1.25)/10(0)

Design Crit:

TYP.

Wave

IMPORTANTFURMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

AIP FURMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

AND FAILURE TO BRILLD THE PRODUCTS, THE SITTEM AND FAILURE TO BRILLD THE RUSSES IN CONTRACTOR.

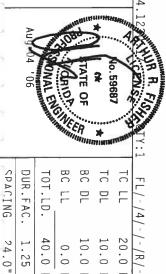
BY FAILURE TO BRILLE TO BRILLD THE FROM THE FORM THE FORM SET OF THE STATE AND THE FURSES.

DESIGN CONTRONS WITH APPLICABLE PROVISIONS OF DOS (ANTIONAL DESIGN SET. IN STALL AND IP. APPLY CONTRECTOR THATES ARE AND OF ZOTATIONAL CHARACTERS AND THE SET OF THE SET OF THE STATE AND THE SET OF THE SET OF

BUILDING DESIGNER PER ANSI/TPI I SEC.

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

ALPINE



10.0 PSF 20.0 PSF

08/04/06 67653

REF DATE

Scale =.25"/Ft. R487--

10.0 PSF 0.0 PSF

1SZH487 Z01

40.0

PSF

SEQN-

120645

HC-ENG TCE/AF DRW HCUSR487 06216051

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

:ВЗ 2x4 SP #2 Dense:

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 24" rigid ceiling.

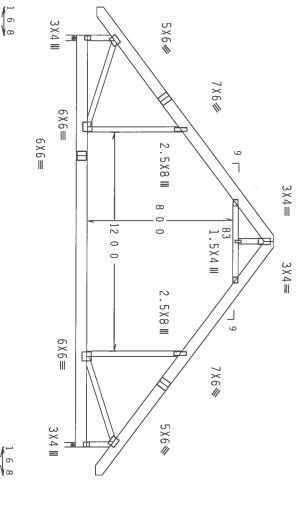
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is $1.50\,\mathrm{cm}$

110 mph wind, 16.16 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 0.19" due to dead load. is 0.10" due to live load and

BC attic room floor loading: LL = 40.00 psf; DL $5 \cdot 3 \cdot 8 \text{ to } 17 \cdot 7 \cdot 0$. 11 10.00 psf; from

4 X 8 (R) Ⅲ



10 10-2

=1901U=180 W=3.5" Φ -11-12 1 - 3 - 822-7-0 0ver 2 Supports 13-7 -4 ů 8 R=1969 U=180 W=3" 1-6-8

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

TYP.

Wave

WARNING IBUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, RETER TO BEST 1 03. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY FIT (RRYSS PLATE INSTITUTE, 583 D'HOOPNIÐ DR., SUITE ZOD, HANDISON, HI 53718) AND NICA (HOOD RIBSS COUNCIL OF AKERLOK, ASOD ENTERRESEE LH, MADISON, HI 53718) FOR SAFETY PRACITEES PRIOR TO PERFORMENT HEST FUNCTIONS. THINESS OTHERNISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARIELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHT CEILLING.

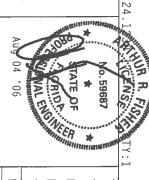
IMPORITANTUNNISH A CORP OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

AND TAIL THE ERSONSTRUCTOR AND DETAIL OF THE INSTALLATION CONTRACTOR.

AND TAIL THE PROSEST HE CONFERRANCE WITH THE PROSEST HE CONTROLLED THE CONTROLLED THE PROSEST HE CONTROLLED THE CONTROLLED THE CONTROLLED THE PROSEST HE PROSEST HE CONTROLLED THE PROSEST HE P

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

ALPINE



	,	STREET OF	ER	**************************************	MINIMA	YY:1
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- 120641	HC-ENG TCE/AF	DRW HCUSR487 06216052	DATE 08/04/06	REF R487 67654	Scale = .1875"/Ft.

SPACING

24.0"

JRFF-

1SZH487

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

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

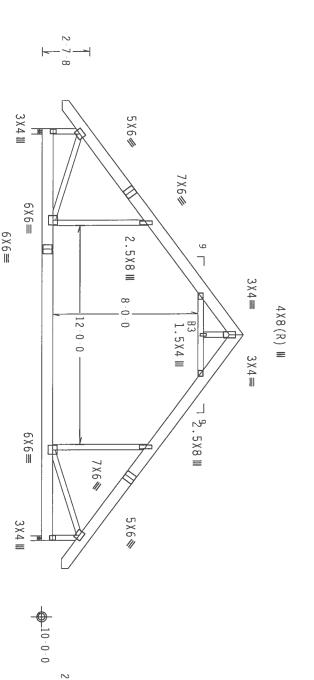
Collar-tie braced with continuous lateral bracing at 24" OC. rigid ceiling.

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

110 mph wind, 16.28 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 0.10" due to live load and 0.19" due to dead load.

0.19" due to dead load. BC attic room floor loading: LL = 40.00 psf; DL = 10.00 psf; from 5-3-8 to 17-7-0.



 \sqsubseteq



1-6-8

R = 1901

Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)**WARNING** Ibusses require extreme care in fabrication. Inandling. Shipping. Installing and bracting. Refer to destine a suite zoo. And son suite in the component safety information, published by the (riuss plate institute, 400) to observe a metal of about enterprise the motions. In 1,3719, for safety a system of performing these conditions, unless officerates indicated the corresponding these functions. In 1,3719, for safety practices prior to performing these functions. Unless officerates indicated the corresponding that have a property attached being destined.

TYP. Wave

IMPORTANTTURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

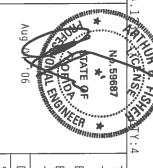
APPINED S. THE. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN: MAY FALLING TO BUILD THE FROUGES. THE.

BY THE STATE OF THE STATE OF THE SECOND STATE OF THE STATE

Alpine Engineered Products, Inc. 1950 Marley Drive
Haines City, FL 33844
Et Comfigure of Authoriting # 567

BUILDING DESIGNER PER ANSI/IPI 1 SEC. 2

ALPINE



Y: Y	FL/-/4/-/-/R/	/-/R/-	Scale =.1875"/Ft.
ames	TC LL	20.0 PSF	REF R487 67655
**************************************	TC DL	10.0 PSF	DATE 08/04/06
ER	BC DL	10.0 PSF	DRW HCUSR487 06216053
ZG/N	BC LL	0.0 PSF	HC-ENG TCE/AF
	TOT.LD.	40.0 PSF	SEQN- 120629
	DUR.FAC.	1.25	
	SPACING	24.0"	JRFF- 1SZH1R7 701

Top chord 2x8 SP SS Bot chord 2x8 SP SS Webs 2x4 SP #3 BC attic room floor loading: LL = 5-3-8 to 17-3-8. Calculated horizontal deflection is 0.10" due to live load and 0.19" due to dead load. Left end vertical exposed to wind criteria for brittle and flexible Alpine Engineered Products, Inc. 1950 Marley Drive Hames City, FL 33844 FL Certificate of Authorization # 567 268 Glenwood King Gray TYP. ALPINE Wave :B3 2x4 SP **IMPORTANT***CURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPTHE ENGINEERS PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BRUILD THE RUSSES IN CONTRACHACE ATH HE!

BRISCH CONFORMS HITH APPLICABLE PROVISIONS OF THIS CHAING, MANDLING, SHEPPING, INSTALLING & BRACTH OF TRUSSES, DESIGN CONFORMS HITH APPLICABLE PROVISIONS OF THIS CONTROL SPEC, BY AFERA) AND THE CONFORMS HITH APPLICABLE PROVISIONS OF THIS CONTROL SPEC, BY AFERA) AND THE CONFORMS HITH APPLICABLE AND THE PROVISION OF THE PROPERTY AND ADDITIONAL DESIGN OF THE PROPERTY AND THE RIGID CEILING. 1-6-8 #2 Dense: 3×4 III 5×6/ pressure. Deflection meets L/240 wall coverings. 40.00 psf; R = 1907D5) U=180 W=3.5" Design Crit: 6X7# 0 11-12 €X6= 10.00 psf; from €X6≡ 2.5%8 ά TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0) 22-7-0 Over = 3 X 4 ≡ 8 4X8(R) Ⅲ 12 1.5X4 III ò 0 2 Supports 0 $3 \times 4 \equiv$ 13-7-4 9 Right end vertical not exposed to wind pressure 110 mph wind, 16.28 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. (**) 1 plate(s) r plot details for rigid ceiling. Collar-tie braced with continuous lateral bracing at 11 - 3 - 82.5X8 III Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50. €X6= R=1793 U=180 W=3" 5X6(**) III require special positioning. Refer r special positioning requirements. CENS 3 X 4 III lo. 5968 * BC DL TC LL SPACING TC DUR FAC TOT.LD. FL/-/4/-/-/R/ 2 Refer 20.0 40.0 24.0" 1.25 10.0 PSF 10.0 PSF 0.0 to PSF PSF PSF scaled plate DATE REF JRFF-SEQN-DRW HCUSR487 06216054 HC-ENG Scal e =.1875"/Ft. R487-- 67656 1SZH4R7 TCE / AF 80678 08/04/06 11-1-2 Z01 REV

BUILDING DESIGNER PER ANSI/TPI I SEC

(6-268--Glenwood King Gray -- , ** - HJ7)

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

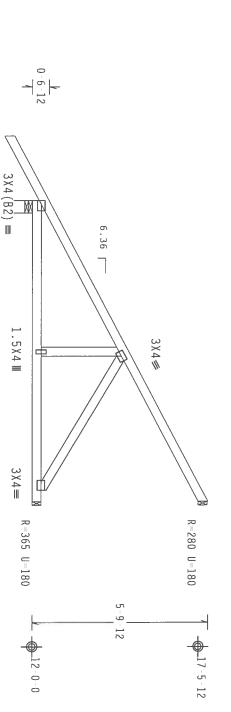
webs 2x4 3P #3 In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24° OC, BC @ 24° OC.

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

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

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

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





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

PLT

TYP.

Wave

WARNING IRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING.
RELER TO RECSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IPF (IRUSS PLATE INSTITUTE, SB3
D'OUBERT DO NO. SUILL 200, HADISON, MY SATS) AND MICH A (MODO TRUSS CHURCLI DE AFRIKA, GADO ENTERPRISE LIN
HADISON, MY 53719) THE SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERMISE INDICATED,
TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BUTTOM CHORD SHALL HAVE A PROPERLY ATTACHED
RIGHD CELLLING.

IMPORTANTCURRISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

AND TAILURE TO BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRISS IN COMPONANCE ATHIR PI:

OFFICIAL CONTRACTS. ATHIR PI:

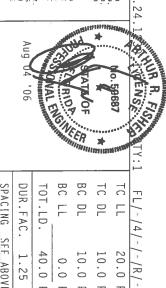
CONTROLOR AND THE RESPONSIBLE PROVISIONS OF HIS (MATOLING, SHIPPING, INSTALLING & BRACING OF HUSSESS, DESIGN CONTROLS & HIS ALPHANCE OF PARTISES ARE NOT OF 20/18/15/GA, (M.175/L) ASTALLAND THE CONTROLOR & PARTISE ARE NOT FROM THE APPLY PARTIS TO EACH TAKE OF HRUSS AND. UNLESS OTHERNISE LOCATED ON HIS DESIGN, POSITION FRE BRANTHOS 160A 2. ANY UNSPECTION OF PARTIS FOLIOHORS (1) SHALL BE FEE ABILE AS OF FEIT-2007 SEC. 3. AS SAA ON HIS DESIGN SHOWN.

ANY UNSPECTION OF PARTIS FOLIOHORS (1) SHALL BE FEE ABILE AS OF FEIT-2007 SEC. 3. AS SAA ON HIS DESIGN SHOWN.

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

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

ALPINE



Ì		•	STREET,	ER	**************************************	HISTORY.
SPACING SEE ABOVE	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL
1.25 SEE ABOVE	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF	
JRFF- 1SZH487 Z01		SEQN- 118465	HC-ENG TCE/AF	DRW HCUSR487 06216034	DATE 08/04/06	REF R487 67657

Scale

=.3125"/Ft.

6)

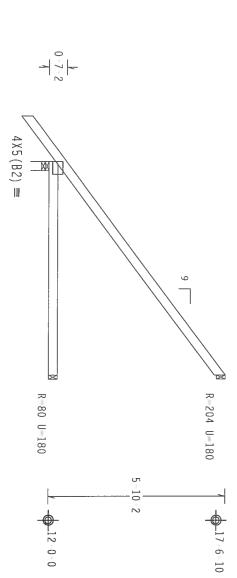
Top chord 2x4 SP Bot chord 2x4 SP #2 Dense

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

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

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





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

TYP.

Wave

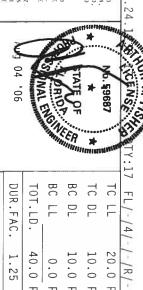
WARNING IRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING, RETER TO BEST 1 03 (BUILDING COMPOULN) SAFETY INTORRATION), PUBLISHED BY 1P1 (RBUSS PLATE INSTITUTE, 583 0 CHORFILO BE, SUITE ZOO, ANDISON, HI 53719) AND MECA (MOOD FRUSS COUNCELL OF AMERICA, 5000 ENHERRISE LIN, HADISON, HI 53719) FOR SAFETY PRACTICES PRIDE TO PERFORMING THESE TUNCTIONS, UNLESS 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 REGER CLILING.

IMPORTANT* URBRISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FALLERE TO BUILD THE PRODUCTS, INC. SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FALLERE TO BUILD THE TRUSCH IN CONTRACTOR. ANY FALLERE TO BUILD THE TRUSCH IN CONTRACTOR. ANY FALLERE TO BUILD THE TRUSCH IN CONTRACTOR THE INSTALL HAS A BRACHE OF THUSSES. DESIGN CONFOCRMS WITH APPLICABLE PROVISIONS OF HIS GRACH HOLD, BY KAFAN, AND THE CONTRACTOR PARTES ARE AND OF 20/18/18/GA, KH, M/S/Y, ASTH ASS GRACH GA/GO, K, K/M,S) GALV. STEEL. APPLY PLAIES TO EACH FACT OF TRUSCS, AND. HURS OF HERRISE LOCATED ON THIS DESIGN, POSITION FRE BRAVHINGS 160A Z. ANY MISSECTION OF PLAIES FOLLOWED BY (1) SHALL BE FER AND EXTENDED TO THE SUBJECT OF PROFESSIONAL ENGLIFICATION RESPONSIBILITY SOLELY FOR THE FRENCE COMPONENT THE SULFABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING DESIGNER PER ANSI/PP 1 SEC. 2.

Alpine Engineered Products, Inc.

ALPINE

Haines City, FL 33844 ri Cate of / '' n # 567



	04'06	MAKE	BC LI	TAILOF	*	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
JRFF- 1SZH487 Z01		SEQN- 118304	HC-ENG TCE/AF	DRW HCUSR487 06216032	DATE 08/04/06	REF R487 67658

Scale = .3125"/Ft.

(6–268--Glenwood King Gray *

J5)

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

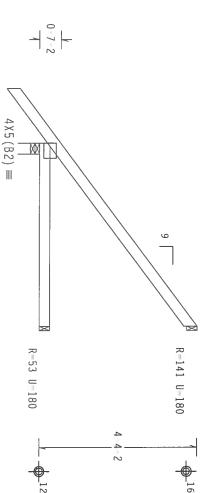
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

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.

the cut included their control the of feeting a control toward accumulation of their

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



12 0 0 _16 0 10

k1-6-0 **y**

R-336 U-180 W-3.5" ←5-0-0 Over 3 Supports →

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

TYP.

Wave

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

Design Crit:

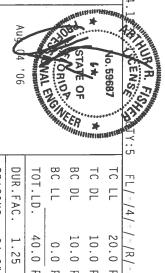
/10(0)

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

ANY FALLINE TO BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN.

ANY FALLINE TO BUTLET TO BUTLED THE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN.

BRACHE OF BRUSSES, DESIGNATION FOR THE PROPERTY OF THE PR BUILDING DESIGNER PER AUSI/TPI I SEC. 2.



Se Colly : 5	FL/-/4/-/-/R/-	/-/R/-	Scale = .375"/Ft.
	TC LL	20.0 PSF	REF R487 67659
**************************************	TC DL	10.0 PSF	DATE 08/04/06
OF CER	BC DL	10.0 PSF	DRW HCUSR487 06216030
AGIN,	BC LL	0.0 PSF	HC-ENG TCE/AF
In want	TOT.LD.	40.0 PSF	SEQN- 118297
	DUR.FAC.	1.25	
	SPACING	24.0"	JRFF- 1SZH4R7 Z01

(3 ل

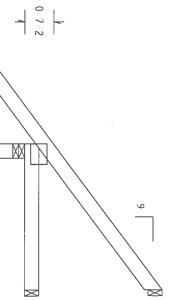
Top chord 2x4 SP Bot chord 2x4 SP #2 Dense #2 Dense

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

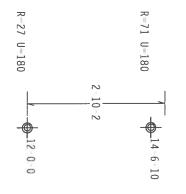
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord. Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord

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

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



4X5 (B2) ≡





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

PLT

TYP.

Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FARRICATION. HANDLING. SHIPPING. INSTALLING AND BRACING. REFER TO BEST I 03 (BUILDING COMPONEN SAFETY INFORMATION). PUBLISHED BY FPI (FRUSS PLATE INSTITUTE, SB3 0"UNDERLO DR. SHITE ZOO, MADISON, MI \$32109, AND MO FROM THE ASSOCIATION OF MARIEA, 6300 ENTERPRISE LH, MADISON, MI \$32109, AND MO FROM THE ASSOCIATION OF THE ASSOCIATIO

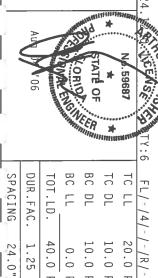
IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPTHE ENGINEES, LICC. SHALL NOT BE RESPONSIBLE FOR ANY DEFINATION FROM THIS DESIGN: ANY FAILURE TO BRILLO THE RRUSS IN CONFORMANCE WITH PET.

OF FARBICACHIG, MANDLING, SHIPPING, AIRPPING, A DESIGN SHOWN. THE SUITABILITY AND USE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

ALPINE



	V 06	A CONTRACTOR OF THE PERSON OF	OHO	AIE OT FR	**************************************	5.59687
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 1SZH487 Z01		SEQN- 118266	HC-ENG TCE/AF	DRW HCUSR487 06216055	DATE 08/04/06	REF R487 67660

Scale = .5"/Ft.

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

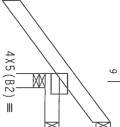
In lieu of structural panels or rigid ceiling use purlins to brace @ 24" OC, BC @ 24" OC.

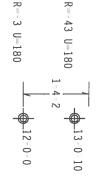
Provide Provide 2) 16d common nails(0.162"x3.5"), toe nailed at Top chord. 2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

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

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







★1-6-0-¥ 1 0 0 Over 3 Supports R-236 U-180 W-3.5"

Design Crit:

PLT

TYP.

Wave

WARNING IRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST 1 D3 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY 1P (TRUSS PLATE INSTITUTE, 583 D'UNOFRIO BR. SHITE ZOO, HADISON, HI 53719) AND HICA (HOUDD TRUSS COUNCIL OF AMERICA, 6300 ENTERPREISE LN, HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE THOSEACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGIO CEILING. TPI-2002 (STD) /FBC Cq/RT=1.00(1.25) /10(0)

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

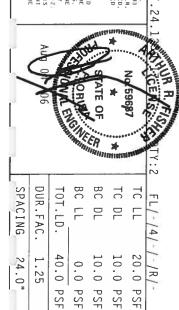
ALPINE ENGINEED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. SPECE ANY FARLAND FOR TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROPYISIONS OF MIS (MATIONAL DESIGN SPEC, BY AFRA) AND TPI.

CONNECTION PLAIRS ARE MADE OF 20/189/160A (M.H./SYA) ASTH AGS GRADE AD/06 (M. K/H.S) ALV. STEEL. APPLY PLAIRS TO EACH FACE OF TRUSSES, ON UNLESS OTHERWISE LOCATED ON THIS DESIGN. POSITION FROM DEATH AND THE SECOND OF PROPERSY OF ANY STEEL. APPLY ANY TRESPECTION OF PLAIRS FOLOMED SO (1) SHALL BEFER ANY MAY ADO TIPI 2002 SEC. 3.

ASSAL ON HIS SHIRLAND AND LISE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUSINESS COMPONENT BUSINESS FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

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

ALPINE



PSF

SEQN-

118300

HC-ENG TCE/AF DRW HCUSR487 06216056

JRFF

1SZH487 Z01

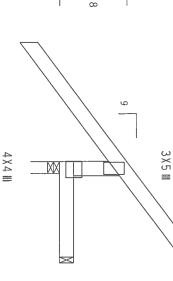
DATE REF

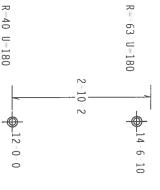
08/04/06

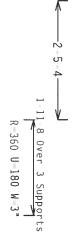
Scale = .5"/Ft.

R487-- 67661

e (Provide Provide l op Bot (6-268—Glenwood King Gray lieu of structural panels or rigid ceiling use purlins to brace TC $24\mbox{^{"}}$ OC, BC @ $24\mbox{^{"}}$ OC. chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #2 Dense 2 2 16d common nails (0.162"x3.5"), toe nailed at Top chord. 16d common nails (0.162"x3.5"), toe nailed at Bot chord. J1A) psf. 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, anywhere in roof, CAT II, EXP B, ASCE wind 7-02, CLOSED bldg, Located TC DL=5.0 psf, wind BC DL=5.0







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

PLT

TYP.

Wave

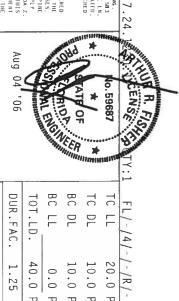
RIGID CEILING.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

AND TAILURE TO BUILD THE PRODUCTS, THE. STALL HELD AND SELECT AND TAILURE TO BUILD THE TRUSCH TO, THE ALBERT OF BUILD THE TRUSCH THE ARM TAILURE TO BUILD THE TRUSCH THE TRUSCH

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

ALPINE



TY:1	FL/-/4/-/-/R/-	/-/R/-	13
. 59687	TC LL	20.0 PSF	REF R487 67662
**************************************	TC DL	10.0 PSF	DATE 08/04/06
OF LERIUM	BC DL	10.0 PSF	DRW HCUSR487 06216057
BC BC	BC LL	0.0 PSF	HC-ENG TCE/AF
WHITE STREET,	TOT.LD.	40.0 PSF	SEQN- 121508
.06	DUR.FAC. 1.25	1.25	

SPACING

24.0"

JRFF 1SZH487 Z01

(6 268 Glenwood King Gray - . ** J2A)

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

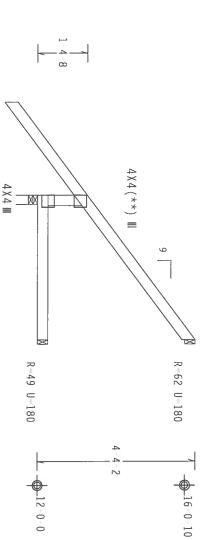
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.

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

 $(\sp{**})$ 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

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.

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.





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, HISTALLING AND BRACING, RETER TO BEST 1 03 (BUILDING COMPONENT SACETY) INFORMATION), PURELISHED BY FPT (TRUSS PLATE HISTITHE, 583). D'HOND RIO SE, VALIEZ DE, MADISON, HI 52719) AND MER (AND) RETER SE COUNCIL OF MERICA, 6300 ENTERPRISE UN, HADISON, HI 52719) FOR THE PRACTICES PRIOR TO PERCORNING THESE FUNCTIONS. HUNE'S OTHERNISE IN THADISON, HI 52719) FOR TAXETY PRACTICES PRIOR TO PERCORNING THESE FUNCTIONS. MALE HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CELLING.

IMPORTANTFIRMISH A COPY OF THIS DESIGN TO THE INSTALLATION COMPRACION.

APPLIE ENGINEERED
PRODUCTS. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE
FRUSS IN COMPORANCE WITH PET:

OR FABRICATION. OR FARBESTATION. INDUSTRICE, INSTALLING A BRACHE OF TRUSSES,
DESIGN COMPORAS WITH APPLICABLE PROVISIONS OF MDS (MATORAL DESIGN SPEC, BY AFRAM) AND THE APPLICATION FOR THE OF TOP ANY FARMED OF TRUSSES.

DESIGN COMPORTED OF TALES FORLOWED BY (1) SHALL HE PER ANNEX AS OF THIS DESIGN, POSITION FER BRAMHOS 160A Z.

ANY HISPECTION OF PALES FOLLOWED BY (1) SHALL HE PER ANNEX AS OF THIS DOODS SEC 3.

AS STALO BY THIS DESIGN SHALL HE PER ANNEX AS OF THIS DOOD SEC 3.

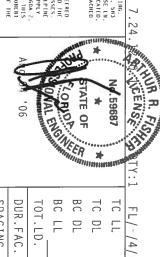
AS A STALO BY THIS DESIGN SHALL HE PER ANNEX AS OF THIS DOOD SEC 3.

DESIGN SHOWN. THE SHIFMALLIFF AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILLITY OF THE BUILDING DESIGNER PER ANSI/IPI 1 SEC. 2.

Alpine Engineered Products, Inc.

ALPINE

Trate of A m # 567



SPACING	'06 DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	9687 TC LL
G 24.0"	C. 1.25	. 40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JRFF 1SZH487 Z01		SEQN- 121502	HC-ENG TCE/AF	DRW HCUSR487 06216058	DATE 08/04/06	REF R487 67663

Scale == .375"/Ft.

6

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

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
:Lt Slider 2x8 SP #1 Dense:

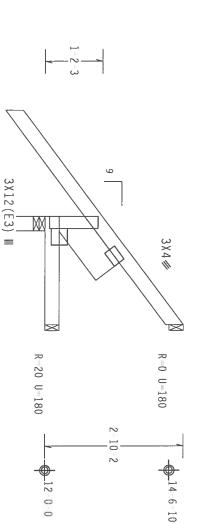
BLOCK LENGTH = 1.500

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

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

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.

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



-2 - 2 - 3 -2

4X4(E3) =

10 Over 3 Supports =322 U=180 W=3.493"

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

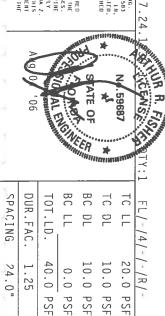
TYP.

Wave

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

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SUPPLING, INSTALLING AND BRACHING, REFER TO BEST 1 03 (BUILDING COMPORTED TO ACTIVE THE OBSACHING, SUPPLING BY THE MEASURE, SESSION DESIGNATION AND ACTIVE TO ADDICATE HEATING ADDICATE HANDLING AND ACTIVE ACTIVE AND ACTIVE AND ACTIVE A

DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF BUILDING DESIGNER PER ANSI/TPI I SEC. 2.



REF

67664

Scale = .5"/Ft. R487--

DATE

08/04/06

PSF PSF

SEQN-

118316

HC-ENG

TCE / AF

DRW HCUSR487 06216059

JRFF-

1SZH487

Top chord 2x4 SP # Bot chord 2x4 SP # Webs 2x4 SP # 110 mph wind, 15.49 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 Dense #2 Dense #3

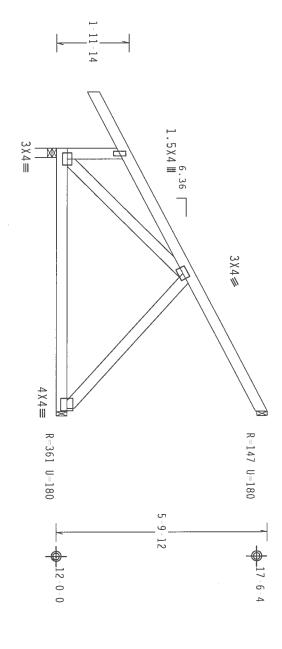
In lieu of structural panels or rigid ceiling use purlins @ $24\,^{\prime\prime}$ OC, BC @ $24\,^{\prime\prime}$ OC. to brace TC

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

> SPECIAL LOADS From From 2 LB Conc. Load at 237 LB Conc. Load at 54 LB Conc. Load at 102 LB Conc. Load at (LUMBER DUR.FAC.=1.25 63 PLF at -1.54 t 5 PLF at -1.54 t 20 PLF at 0.00 t 1.61 4.44 1.61 4.44 to 0.1 PLATE 63 PLF at 5 PLF at 20 PLF at E DUR.FAC.=1.25)
> 63 PLF at 7.21
> 5 PLF at 0.00
> 20 PLF at 7.21

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

Provide connection for concentrated load(s) shown.



1-6-8≥ \overline{x} -586 U=180 W=3" 7-2-8 Over 3 Supports

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

TYP.

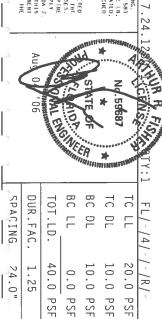
Wave

RIGIO CEILING.

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SULLEY FOR THE RUSS COMPONENT OF SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER FER ANSI/TP1 1 SEC. 7.

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

ALPINE



0.0 PSF PSF

SEQN-HC-ENG

118426

DATE REF

08/04/06

67665

Scale = .375"/Ft. R487--

DRW HCUSR487 06216060

TCE/AF

JRFF-

1SZH487

6

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

due to dead load.

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

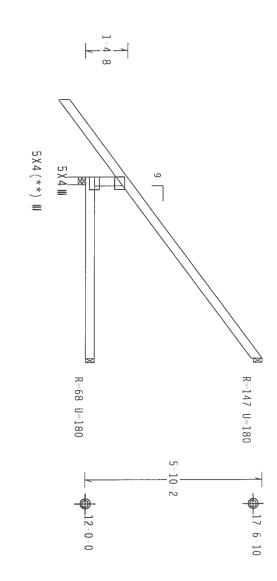
Calculated horizontal deflection is 0.18" due to live load and 0.11"

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

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.

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



2-6-8-

R=469 U=180 W=3" ▲5-11-8 Over 3 Supports ➤

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

TYP.

Wave

WARNING | RUSSES REQUIRE EXTREME CARE IN FABRICATION. MANDLING. SUPPRING, INSTALLING AND BRACING. RETER TO BEST 1 0.3 (BUILDING CHMPONINI SAFETY INFORMATION), PUBLISHED BY IPI (RUSS PLAIE INSTITUTE, 583) D'OMOFRIO DA. SULITE ZOD, ANDISON, HI 53719) AND HEA (ANDO BRUSS COUNCEL) OF ANDREAS, 6300 ENTERPRISE LM, MADISON, HI 53719 FOR SAFETY PRACIFICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED. TOP CHARD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHARD SHALL HAVE A PROPERLY ATTACHED REGED CELLING.

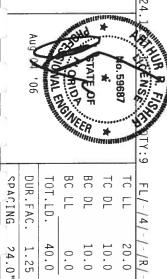
IMPORTANTFURNISH A COPY OF THIS DESIGN 10 THE INSTALLATION CONTRACTOR. ANY TAILURE TO BUILD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEPLATION FROM THIS DESIGN: ANY TAILURE TO BUILD THE TRUSS IN COMPONENCE WITH IN PI.

FOR FABRICATHIO, HANDLING, SHIPPING, INSTALLING & BRACING OF BRASSES, BESTON, CHARLE PROVISIONS OF BIS (MATIONAL DESIGN SPIC, BY ALFAD, AND IPI. APPING COMPICTION PLAIRS ARE MADE OF 70/189/180A (M.H./SYA) ASH MASS GRADE 40/50 M. XIIIS, DALY. STEEL, APPING COMPICTION PLAIRS ARE MADE OF 70/189/180A (M.H./SYA) ASH MASS GRADE 40/50 M. XIIIS, DALY. STEEL, APPING COMPICTION PLAIRS ARE MADE OF 70/189/180A (M.H./SYA) ASH MASS GRADE 40/50 M. XIIIS, DALY. STEEL, APPING COMPICTION PLAIRS ARE MADE OF 70/189/180A (M.H./SYA) ASH MASS GRADE 40/50 M. XIIIS, DALY. STEEL APPING COMPICTION PLAIRS ARE MADE OF 70/189/180A (M.H./SYA) ASH MASS GRADE 40/50 M. XIIIS, DALY. STEEL APPING COMPICTION PLAIRS ARE MADE OF 70/189/180A (M.H./SYA) ASH MASS GRADE 40/50 M. XIIIS, DALY. STEEL APPING COMPICTION PLAIRS AND MASS COMPINED AND MASS COMP DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR BUILDING DESIGNER PER ANSL/FP1 1 SEC. 2. PARTES 10 EACH FACE OF TRUSS AND. UNLIESS OHFERMISE LOCALED DOWNERS DESCRIBED FOR SEC. 3. ANY INSPECTION OF PARTES FOLLOWED BY (1) SHALL BE FER ARMEX AND OF TRI ZOOS SEC. 3. BRANING INDICALES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOFTLY OF ANY BUILDING IS THE RESPONSIBILITY OF SOLELY FOR THE TRUSS COMPONENT V SEAL ON THIS

Alpine Engineered Products, Inc.

ALPINE

icate of / n # 567



10.0 PSF 10.0 PSF 20.0 PSF

DRW HCUSR487 06216061

TCE / AF 121496

DATE REF

08/04/06

Scale =.3125"/Ft. R487-- 67666

0.0

PSF

SEQN-HC-ENG

1.25 40.0 PSF

24.0"

JRFF-

1SZH4R7 Z01

#2 #2 Dense #3

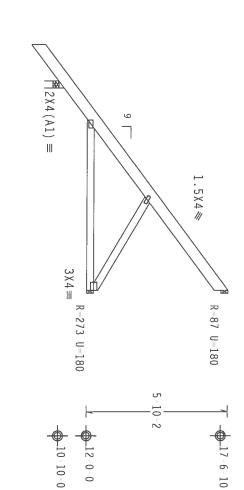
110 mph wind, 15.00 ft mean hgt, ASCE 7 02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf.

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

Provide Provide In lieu of structural panels or rigid ceiling use purlins @ 24" OC, BC @ 24" OC. 22 16d common nails (0.162"x3.5"), toe nailed at Top chord. 16d common nails (0.162"x3.5"), toe nailed at Bot chord.

to brace

Shim all supports to solid bearing.



1 6 0

-482 U=180 W=3.5" -8-7-0 Over 3 Supports -

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

PLT TYP.

Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FARRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING.
RETER TO BEST 1 D3 (BUILDING CORPORING SAFETY IN GRANT HORD), PUBLISHED BY FPI (RRUSS PLATE INSTITUTE, 583
D*HORDERIO BR., SUITE ZOO, HADISON, HI 53719) AND BITA (HODD IRUSS COUNCIL OF AREBLA, 6300 ENTERPRISE IN,
HADISON, HI 53719) JOH SAFETY PRACTICES PRIOR TO PERFORMING INESE FUNCTIONS. UNITESS OTHERHISE INDICATED,
TOP CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED
REGED CELLING.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE PRODUCTS. THE. SHALL HOLD BE RESPONSIBLE FOR ANY DEVIATION HEADY THIS DESIGN. ANY FAILURE TO BUILD THE RUSS IN COMPONENCE WITH THE THE FOR TANKE CALLIG. HANDLING, SHIPPING, INSTALLING & BRACHE OF BUILDS IN CONTROLS OF THE FOREIGN FOR FOREIGN FOR

Alpine Engineered Products, Inc

ALPINE

Haines City, FL 33844 cate of / in # 567

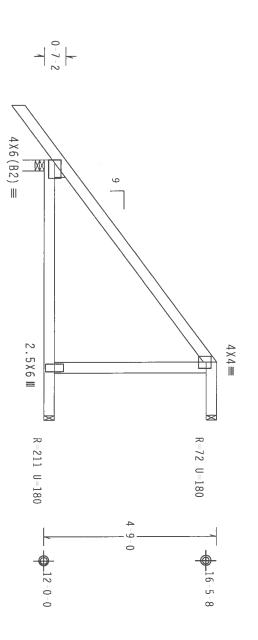


	06	BIRLINGSHI	THE INTERIOR	EER	**************************************	687
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JRFF- 1SZH487 Z01		SEQN- 118671	HC-ENG TCE/AF	DRW HCUSR487 06216062	DATE 08/04/06	REF R487 67667

Scale = .25"/Ft.

Top chord 2x4 SP / Bot chord 2x4 SP / Webs 2x4 SP / :Lt Wedge 2x4 SP / Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is $1.50\,\mathrm{.}$ 268 - Glenwood King Gray #2 Dense #2 Dense #3: EJA3) Provide (110 mph wind, 15.00 ft mean hgt, ASCE 7 02, CLOSED within 4.50 ft from roof edge, CAT II, EXP B, wind wind BC DL=5.0 psf. In lieu of structural panels or rigid ceiling use purlins @ 24 " 0C, 8C @ 24 " 0C. 2) 16d common nails (0.162"x3.5"), toe nailed at Top chord. 2) 16d common nails (0.162"x3.5"), toe nailed at Bot chord. 0 bldg, not d TC DL=5.0 to brace TC

located psf,





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

TYP.

Wave

WARNING IRUSSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, HISTALLING AND BRACING RETER TO BESSI 1 03 (BUILDING COMPORTE) BALE INSTITUTE, 583 0 CHORDING BALE INSTITUTE INCIDENTAL INFORMATION FRACTICES PRIOR TO PERFORMING THESE TUNCTIONS, HULESS OTHERWISE THOCKNED, 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 RIGHD CETCLING.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALP'HE ENGINEERED PRODUCTS, INC. SMALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: DAY FALLURE TO BUILD HE RUSDES, INC. STRANGE HIN HEL.

FOR THE RUSDES HE CONTRAMEL WITH THE THE RESPONSIBLE FOR ANY DESIGN. STREAM PRICE STRANGE OF TRUSSES.

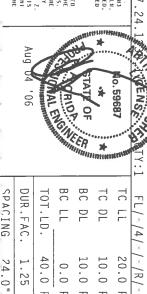
DESIGN CONFERRS WITH APPLICANCE PROVISIONS OF DUS (MATIGMA) DESIGN STC. A WARRA) AND THE APPLY CONNECTOR PLATES ARE HADE OF ZO/IM/1666 (4. M.). STR.A MESS GRADE 40/66 (4. M.). STR.A MESS GRADE 40/66 (4. M.). STR.A MESS GRADE AND THIS DESIGN. POSITION PER DRAHELES. FOR ANY INSECTION OF PLATES FOLCHUD BY (1) SMALL BE FER ANNEX AS OF THIS ZORE SEC. 3.

BRAHING INDICALIS ACCEPTANCE OF PROFESSIONAL ENGINEER BESTONSBELLITY SOLELY FOR THE THES CORPORENT BRAHING INDICALS. DESIGN SHOWN. THE SUITABILITY AND USE BUILDING DESIGNER PER ANSI/IPI 1 SEC. 2.

Alpine Engineered Products, Inc.

ALPINE

Haines City, FL 33844 icate of / 'n # 567



	Aug 04 '06					···
j	90	MAL	ORIO	STATE OF	*	Mo. 59687
		MITT	RIGINA	ER	*************************************	anw.
SP/	DUF	101	BC LL	ВС	C,	TC LL
SPACING	DUR.FAC. 1.25	TOT.LD.		DL	DL	
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
		PSF	PSF	PSF	PSF	PSF
JRFF.		SEQN	HC-EN	DRW #	DATE	REF
JRFF 1SZH487 Z01		121512	HC-ENG TCE/AF	DRW HCUSR487 06216063	08/04/06	REF R487 67668
7				<u> س</u>		

Scale = .375"/Ft.

6 268 Glenwood King Gray нлв)

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

Left end vertical not exposed to wind pressure.

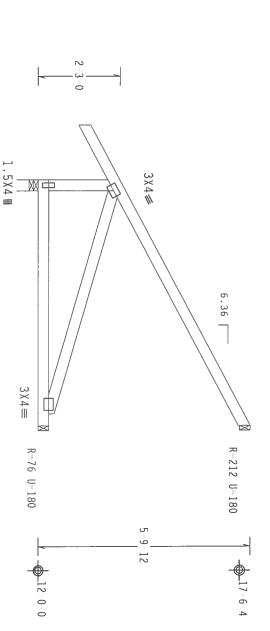
Hipjack supports 4-9-0 setback jacks with no webs

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

> 110 mph wind, 15.63 ft mean hgt, ASCE anywhere in roof, CAT II, EXP B, wind 7-02, CLOSED bldg, L TC DL-5.0 psf, wind Located BC DL=5.0

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

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



★1 6 0 **▼** ∇ 237 U=180 W=3.5" -6-8-10 Over 3 Supports

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

TYP.

Wave

HARNING TRUSKES REDNIEE EXTREME CARE IN FABRICATION, IMANDING, SUPPRING, INSTALLING AND BRACHIG. RETER TO BEST TO 3 (BUILDING COMPORING NATETY INFORMATION), POBLISHED BY FM (RUSS PLAIE INSTITUTE, SM3 D'OMOFRIO BR. SUFIE ZOO, MADISON, WI 53719) AND MICA (MODO BRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LEM, TANDISON, MI 53719) OR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, COMPOND SHALL HAVE A PROPERTY ATTACHED RIGHD CEILLING.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALP'HE ENGINEER TO RESPONSIBLE FOR ANY DEVIATION ROW HIS DESIGN. ANY FALLINE TO BUILD THE RUSS. IN COMPRHAMED WITH PH:

RUSS IN COMPRHAMED WITH PH:

OFFICIAL CONFORMS WITH APPLICABLE PROVISIONS OF THIS CHAING, SHIPPING, INFORMATION FOR THE APPLICABLE PROVISIONS OF THIS CALL HOLD, SHIPPING, INFORMATION FOR A APPLICABLE PROVISIONS OF THIS CONTROL SHIPPING, INFORMATION FOR THIS DESIGN FOR BY AREA) AND THI.

CONNECTION FILES ARE HADE OF ZO/189/AGA, (H.H/S/S) ASIA MASS GRANDE AO/50 (H. K/H.S) GAV STEEL. APPLY

PLATES TO EACH FACE OF TRUSS, AND, UNILES OFFICHMES TOCATED OF THIS DESIGN, POSITION FAR DRAWHIGS 160A 2.

ANY INSPECTION OF PLATES FOLICATION SY (1) SHANT IN FPR ANNY AS OF THIS DOUGS TECH.

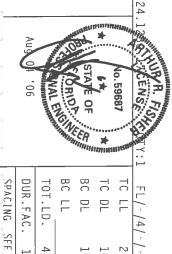
AREA OF THE STORY OF THE STANDARD STORY OF THE STORY SHALL TO THE HEST COMPONENT THE STORY SHALL THE BUSS COMPONENT THIS COMPONENT FOR ANY BUILDING 3H1 S1 RESPONSIBILITY OF

Alpine Engineered Products, Inc.

ALPINE

icate of / n # 567

BUILDING DESIGNER PER ANSI/IPI 1 SEC.



10.0 10.0 PSF 20.0 /-/R/

DRW HCUSR487 06216033

TCE/AF

PSF

REF

67669

Scale = .375"/Ft. R487

DATE

08/04/06

0.0

40.0 1.25

PSF PSF PSF

SEQN-HC-ENG

121281

ABOVE

JRFF-

1SZH487

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

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

Provide (

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, anywhere in roof, CAT II, EXP B, psf.

ASCE wind

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

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

œ 6 9 4 X 4 Ⅲ R 40 U 180 R=-78 U=180 10 N **⊕**14-6-10 _12-0-0

1-6-5 4 X 4 III Over 3 Supports

R-317 U-180 W-4.2"

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

PLT

TYP.

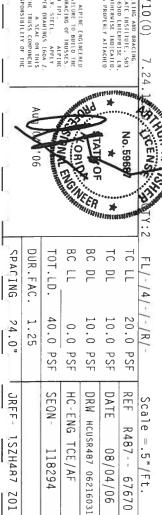
Wave

WARNING IRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING, REFER TO BEST 1 03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE (TRUSS PLATE INSTITUTE, 583 D'ONOTRIO DR. SUITE 200, MADISON, HI 53719) AND NICA (MOOD TRUSS COUNCIL OF AMERICA, 6300 LHIENPRISE LIM, HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERNISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

DESIGN SHOWN. THE SUITABILITY AND BUILDING DESIGNER PER ANSI/TPI I SEC. **IMPORTANT**TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FATURE TO BUILD THE PRODUCTS, INC. SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FATURE TO BUILD THE TRANSES IN COMPORABLE THE PROVIDE THE FOR ANY DEVIATION, SHIPPING, INSTALLING A BRACHING OF TRANSES. DESIGN CONTRACT HIS PROVIDED THE FORBERCHING INDICATE PROVISIONS OF HIS (MAITOMAL DESIGN SPEC, BY AFRA) AND IPI. APPLY CONNECTOR PLATES ARE PAGE OF ZO/IBJ (SAG (M. 18/5)) ASHA 6655 GABUE 40/60 (M. 18/1). SIGLA, APPLY PRAITES OF TO ZO/IBJ (SAG (M. 18/5)) ASHA 6655 GABUE 40/60 (M. 18/1). SIGLA, APPLY PRAITES OF THE TRANSES OF THE TRANSE THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF

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

ALPINE



R487-- 67670

08/04/06

TCE / AF 118294

1.SZH487

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

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 Dt=5.0 psf.

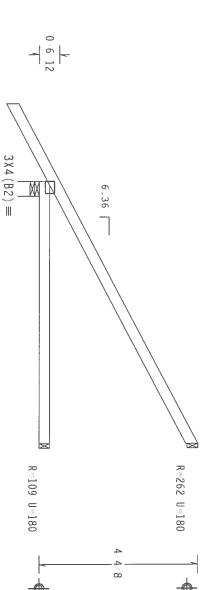
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

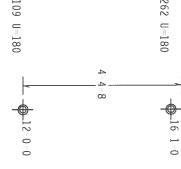
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

Provide connection for concentrated load(s) shown

SPECIAL LOADS From 63 PLF at 2.12 to From 5 PLF at 2.12 to From 20 PLF at 0.00 to 86 LB Conc. Load at 1.48 142 LB Conc. Load at 4.31 6 LB Conc. Load at 1.48 53 LB Conc. Load at 4.31 (LUMBER DUR.FAC.=1.25 / / PLATE DUR.FAC:=1.25)
to 63 PLF at 7.19
to 5 PLF at 0.00
to 20 PLF at 7.19

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





R = 469U-180 W-4.95" 7-2-4 Over ω Supports

YP Wave

MARNUMG PRISSES REQUIRE EXTREME CARE IN FARRICATION, IMABILING, SUPPING, INSTALLING AND BRACHIG, RETER TO REST I DO 3 (BUILDING COMPONENT SAFETY INFORMATION), PURILSHED BY THE (IMBUS PAJAE INSTITUTE, SEE D'OHOFRIO DR., SUITE 200, HADISON, HI 53719) AND HICA (MODD TRUSS COUNCIL OF AMERICA, 5300 ENTERPRISE LIA, HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERHISE INDICATED. TOP CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED REGED CELLING. TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

Design Crit:

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

ALPHRE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION ROOF HIS DESIGN: ANY FALURE TO BUILD THE RUSDES, IN CONFORMANCE WITH PI;

BUSSED CONFORMS HITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY ATREA) AND PI.

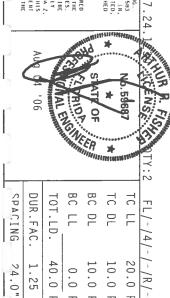
CONNECTOR PLATES ARE ANDE OF 20/10/166A (H.H/S)/A SSTM A653 GRADE 40/60 (H. K/M.S) 6ALV. STEEL—APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN. POSITION PER DRAWHINGS 160A Z. ANY THIS PECTION OF PLATES FOLLOWED BY (I) SMALL BE PER ANNEX AS OF THIS 200E YEG. 3. A SEAL ON THIS DRAWHING INDICATES AND THIS DESIGN. AS SEAL ON THIS DESIGN. SHEEL APPLY BRAINING INDICATES AND THIS DESIGN. AS SEAL ON THIS DRAWHING INDICATE STORM LINGUISTER OF THE TRUSS COMPONENT OF THE DESIGN SOCIETY OF THE STREET OF THE TRUSS COMPONENT OF THE PLATES OF THE TRUSS CORPORATE OF THE PLATES OF THE TRUSS COMPONENT OF THE PLATES OF THE TRUSS CORPORATE OF THE PLATES OF THE PLATES OF THE TRUSS CORPORATE OF THE PLATES OF THE TRUSS CORPORATE OF THE PLATES OF THE TRUSS CORPORATE OF THE PLATES OF THE PLATES OF THE TRUSS OF THE PLATES OF THE PLAT

Alpine Engineered Products, Inc.

ALPINE

Haines City, FL 33844

BUILDING DESIGNER PER AUSI/TPI 1 SEC. 2.



	06	TOWAL E	S LAND ON A PARTY OF THE PARTY	SATT OF ERM	*	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
JRFF- 1SZH487 Z01		SEQN= 118424	HC-ENG TCE/AF	DRW HCUSR487 06216046	DATE 08/04/06	REF R487 67671

Scale =.375"/Ft.

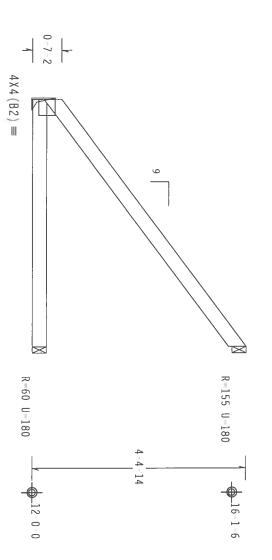
Top chord 2x4 SP Bot chord 2x4 SP #2 Dense #2 Dense

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

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.

110 mph wind, 15.00 ft mean hgt, ASCE 7–02, CLOSED bidg, 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.



218 U 180 -5-1-0 Over W Supports

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

TYP.

Wave

MARNING IRUSCIS RECUITE EXPERIE CARE IN FABRICATION, "MANDLUIG, SUPPING, INSTALLING AND BRACING, RETER TO BEST 1 03 (BUILDING COMPONENT LATELY INFORMATION), PUBLISHED BY IPI (IRUSS PLATE INSTITUTE, 583 D'OHOMBRIO DR. SULTE 200, MADISON, HI 53719) AND HICA (MOND TRUSS COUNCIL OF AHERICA, 6300 ENTERPRISE LIN, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE THICTIONS, UNLESS OTHERHIST INDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ANY TAILURE TO BUILD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY TAILURE TO BUILD THE ROUSES IN CONTRACHANCE WITH PET.

BUSINESS IN CONTRACHACE WITH PET.

BUSINESS IN CONTRACHACE WITH PET.

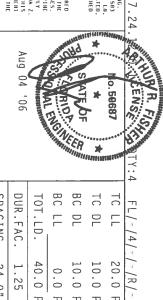
BUSINESS IN CONTRACT WITH APPLICABLE PROVISIONS OF MISS (MATIONAL DESIGN SPEC, BY AFRA) AND THI.

APPLICABLE CONTRACTS AND ADDRESS OF THIS STATE AND ADDRESS OF THE PROVISIONS OF MISS (MATIONAL DESIGN SPEC, BY AFRA) AND THIS CONTRACTS OF ALIES AND ADDRESS OF THE PROVISIONS OF MISS (MATIONAL DESIGN SPEC, BY AFRA) AND THIS CONTRACTS OF ALIES AND ADDRESS OF THE PROVISION PROVISIONS OF MISS OF THE PROVISION PROV DESIGN SHOWN. THE SUITABILITY AND USE BUILDING DESIGNER PER AUSI/TPI I SEC. 2. OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF

Alpine Engineered Products, Inc.

ALPINE

Haines City, FL 33844



BC DL TC DL SPACING DUR.FAC. TOT.LD. 40.0 24.0" 1.25 10.0 PSF 10.0 PSF 20.0 PSF 0.0 PSF PSF JRFF-SEQN-DATE REF DRW HCUSR487 06216045 HC-ENG R487--1SZH4R7 TCE/AF 121517 08/04/06

201

Scale = .5"/Ft.

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

110 mph wind, 15.22 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

End verticals not exposed to wind pressure

(A) Continuous lateral bracing equally spaced on member.

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

1.5X4 W

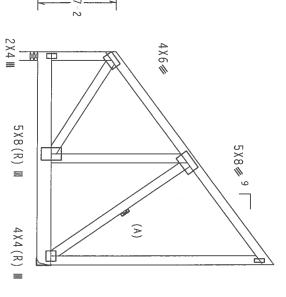
BC BC T SPECIAL LOADS

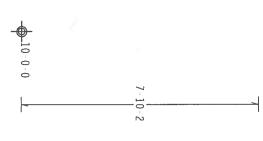
(LUMBER DUR.FAC.=1.25 / 0.1 to PLATE DUR.FAC.=1.25) to 65 PLF at 7.00 to 20 PLF at 7.00

From 65 PLF at 0.00 t From 20 PLF at 0.00 t 213 LB Conc. Load at 1 2185 LB Conc. Load at 3 861 LB Conc. Load at 3 1.09 3.06 5.06

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

Provide connection for concentrated load(s) shown





R=1944 U=338 W=3.5" ← 7-0-0 Over 2 Supports — R=1909 U=305

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

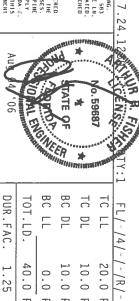
TYP.

Wave

WARNING IRUSSES BEQUIEE EXTREME CARE IN FABRICATION, MANDLING, SHIPPING, INSTALLING AND BRACING, RETER TO BEST 1-03 (BUILDING COMPORENT SACTEY MIGRACHION), PUBLISHED BY 1PI (TRUSS PLATE INSTITUTE, 583 D'OHOFRIO BM. SUITE 200, MADISON, WI 53719) AND MICA (MODO TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LM. MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNIESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED REGED CEILING.

IMPORTANTUBRISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FALURE TO BUILD THE PRODUCTS, THC. SHALL NOT DE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FALURE TO BUILD THE PRODUCTS, THC. SHALL HIG. ABRACHING OF HINSSES. DESIGN CONTORNS HITH APPLICABLE PROVISIONS OF HDS (MAISIONAL DESIGN SPEC, BY AFRAYA AND IP). APPLICABLE PROVISIONS OF HDS (MAISIONAL DESIGN SPEC, BY AFRAYA AND IP). APPLICABLE ARE MADE OF ZO/HATGOR (M.H./S.) ASTEMBED AND ADDRESSED OF AGENETIC OF THE STATE AND CONTROLLARD WITH APPLICABLE OF THIS ARE AND COLLOWOR W. (1) SHALL BE FOR ANNEX AS OF THIS DESIGN OF PACIES OF THE THIS SOUTHWAS CONTROLLARD WITH APPLICABLE OF THE STATE OF THE THIS ADDRESSED OF THE THIS SOUTHWAS CONTROLLED ON THIS PACIES OF THE THIS SOUTHWAS CONTROLLED ON THIS DESIGN OF THE THIS SOUTHWAS CONTROLLED ON THE THIS DESIGN OF THE THIS SOUTHWAS CONTROLLED ON THE THIS DESIGN OF THE THIS SOUTHWAS CONTROLLED ON THE THIS DESIGN OF THE THIS SOUTHWAS CONTROLLED ON THE THIS DESIGN OF THE THIS SOUTHWAS CONTROLLED ON THE THIS DESIGN OF THE THIS SOUTHWAS CONTROLLED ON THE THIS DESIGN. DESIGN SHOWN. THE SULTABILITY AND USE BUILDING DESIGNER PER ANSI/IPI 1 SEC. 2. AND USE OF THIS COMPONENT FOR ARY BUILDING IS THE RESPONSIBILITY OF THE

ALPINE



20.0

PSF

Scale =.3125"/Ft.

67673

DUR.FAC. SPACING TOT.LD. 40.0 1.25 10.0 PSF 10.0 PSF 24.0" 0.0 PSF PSF REF JRFF-SEON DATE HC-ENG DRW HCUSR487 06216004 R487---1SZH4R7 TCE / AF 118494 08/04/06

(6-268--Glenwood King Gray HJR)

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

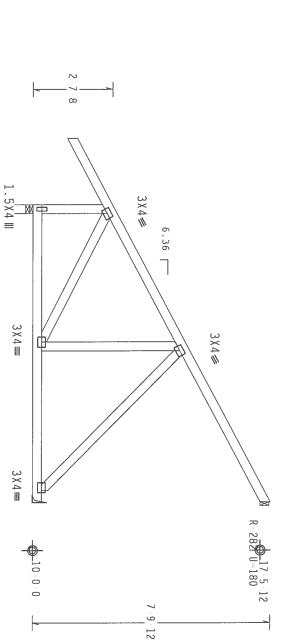
Left end vertical not exposed to wind pressure.

Hipjack supports 6-11-0 setback jacks with no webs.

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

In lieu of structural panels or rigid 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.





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

THUR R. ACENSE.

)TY:3

FL/-/4/

-/R/

Scale =.3125"/Ft R487--

PLT

TYP.

Wave

HARNING INUSSES REUNIRE EXTREME CARE HE FARRECATION: INABELHAG, SHEPPING, INSTALLING AND BRACING, RETER TO RESE 1—05 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHEND BY FPE (TRUSS PLAFE INSTITUTE, 593) O'ONDEFIO DR. SUILE ZOO, AND SOON, HE SASTO) AND WICK (MOOD TRUSS COUNCEL OR MERICA, SOON (MICRERSEE LE, MADISON, HE 53719) AND WICK (MOOD TRUSS COUNCEL OR MERICA, SOON (MICRERSEE LE, MADISON, HE 53719) FOR SAFELY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS SHALL HAVE A PROPERTY ATTACHED RIGHD CEILLING.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

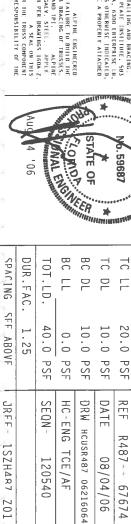
AND LIKE SHALL BUT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN:

ANY FALLING TO BUTLED HE RESULT OF THE PROPERTY OF THE PROPE PLATES TO EATH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATE ON HIS DESIGN, POSITION IN THE PROPERTY OF THE PROPE THIS COMPONENT FOR BUILDING IS THE RESPONSIBILITY OF SOLELY FOR THE TRUSS COMPONENT

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

BUILDING DESIGNER PER ANSI/TPI I SEC.

ALPINE



TCE / AF

120540

08/04/06

67674

1SZH4R7

268 - Glenwood King Gray * EJR)

6

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP P #2 Dense P #2 Dense P #2 Dense :W2 2x4 SP

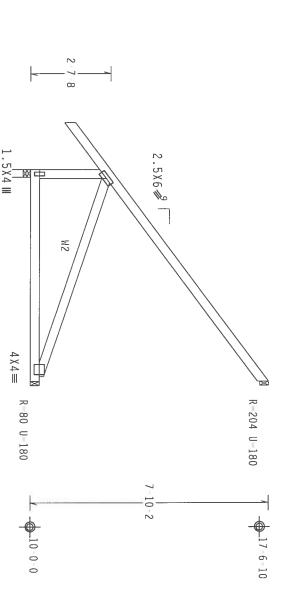
Left end vertical exposed to wind pressure. Defle criteria for brittle and flexible wall coverings. pressure. Deflection meets L/240

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

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

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.



1 6 8 **1** R=416 U=180 W=3" -6-11-8 Over 3 Supports ->

Design Crit:

PLT

TYP.

Wave

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

BUILDING DESIGNER PER ANSI/TPI I SEC. **IMPORTANT**TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

AND TALLER TO BUILD THE RESONSTBLE FOR MAY DEVIATION ROOM THIS DESIGN. ANY FALLER TO BUILD THE ROOMLES, INC. SHALL NOT BE RESONSTBLE FOR MAY DEVIATION ROOM. INSTALLING A BRACING OF BRACING THE SUITABILITY AND USE OF THIS COMPONENT

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

ALPINE



40.0

PSF PSF PSF

SEQN

120685

0.0

HC-ENG

TCE / AF

24.0" 1.25

JRFF-

1SZH487_Z01

10.0

DRW HCUSR487 06216005

08/04/06

20.0 PSF /-/R/-

REF DATE

R487--

67675

Scale = .3125"/Ft

10.0 PSF

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

:W2 2x4 SP

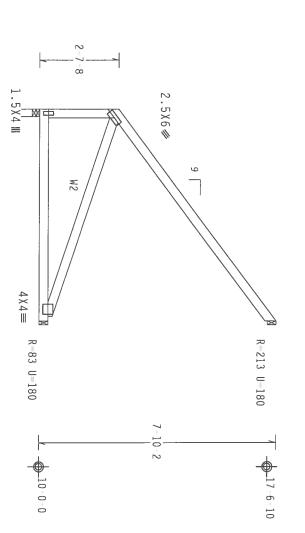
Left end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

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

110 mph wind, 15.23 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 to brace TC @ 24" OC, BC @ 24" OC.

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



<--6-11-8 Over 296 U-180 W-3" W Supports

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

TYP.

Wave

RIGID CEILING.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

AIPTALURE TO BUILD THE PRODUCTS, THE. SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FALLURE TO BUILD THE BRUSS IN COMPONANCE WITH HE!

BUSS IN COMPONANCE WITH HE!

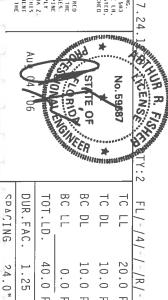
COSTIGN COMPONES WITH APPLICABLE PROVISIONS OF HIS SMATIONAL DESIGN SPEC, BY AREA) AND IP!

APPLICABLE THE SECOND OF TOTAL SHALL APPLY COMPONED THE SHALL APPLY COMPONED TO THE SHALL APPLY COM DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/IPT I SEC. 2. DESIGN SHOWN. T

Alpine Engineered Products, Inc.

ALPINE

Haines City, FL 33844



10.0 PSF 20.0

DATE REF

08/04/06 67676

PSF

Scale =.3125"/Ft.

R487-

10.0 PSF 0.0 PSF PSF

> DR W HC-ENG

HCUSR487 06216065

TCE/AF 120678

24.0" 1.25 40.0

JRFF-

1SZH1R7

Z01

SEQN-

Top chord 2x4 SP / Bot chord 2x4 SP / Webs 2x4 SP / #2 Dense #2 Dense #2 Dense :W2 2×4 SP

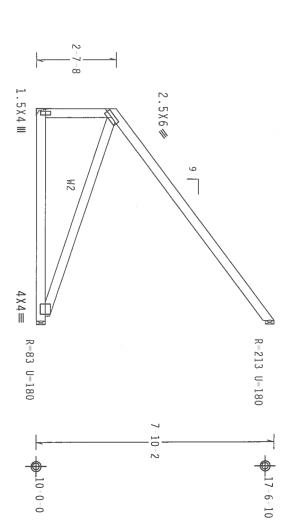
Left end vertical exposed to wind pressure. Deflection meets $L/240\,$ criteria for brittle and flexible wall coverings.

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

110 mph wind, 15.23 ft mean hgt, ASCE 7-02, CLOSED within 4.50 ft from roof edge, CAT II, EXP B, wind wind BC DL=5.0 psf. 0 bldg, not d TC DL=5.0 located psf,

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

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



R=296 U=180 -6-11-8 Over 3 Supports

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

PLT

TYP.

Wave

#ARNING IRRISES REQUIRE EXTRINE CARE IN FARRICATION, IMADI ING. SHEPPING, HISTALLING AND BRACING.
RETER TO BEST 1 03 (BULLOING COMPONENT SAFETY INFORMATION), PUBLISHED BY TEL (TRUSS PLATE INSTITUTE, 503
D'ONOFRIO DR., SUTTE 200, ANDISON, MI 53219) AND MICA (MODO TRUSS COUNCIL OF AMERICA, 6300 ENTERPAISE LIN,
HADISON, MI 53219) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATIO.
TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED
RIGHD CEILING.

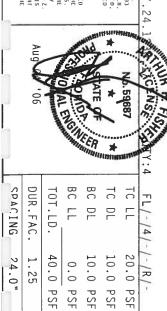
IMPORTANTTURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPTHE ENGINEERED PRODUCTS, INC. SMALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE ROSS IN CONFRANANCE AITH PIE:

RUSS IN CONFRANANCE AITH PIE:

DESIGN CONFORMS WITH APPLICABLE PROPYSIONS OF THIS ACKLING, MANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROPYSIONS OF THIS CONTROL SPECE, BY ATRAN AND FOIL CONTROL OF THE ACT OF THE ACKLING OF THE ACKLIN BUILDING DESIGNER PER ANSI/TPI I SEC. AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

ALPINE



PSF

SEQN-

120671

HC-ENG

TCE / AF

DRW HCUSR487 06216066

JRFF-

1SZH4R7

Z01

DATE REF

08/04/06

Scale = .3125"/Ft.

R487-- 67677

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

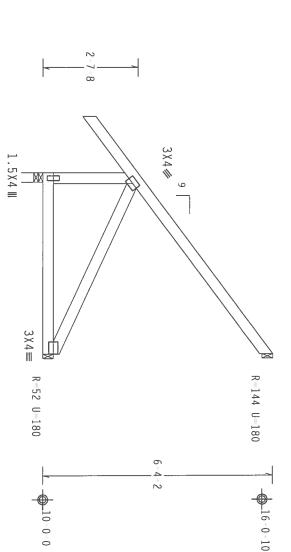
Left end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

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

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

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.



1 6 - 8 ¥

≪4-11-8 Over 3 Supports > -334 U-180 W-3"

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

TYP.

Wave

HARNING RHISES RIQHIEC EXTRIN CARE IN TABBICATION, HANDLING, SHEPHING, HISTALLING AND BRACHE, RETER 10 BCS1 103 (BHILDING COMPONENT SAFTY HIN GRANIAN), PUBLISHED BY IPI (TRUSS PLAKE INSTITUTE, 503 D "OMOTRIO BR., SHITE ZOO, HADISON, AN 5379) AND WICA (MODO TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LH. HADISON, MI 53719) FOR SAFTY PRACTICES PRISE TO PERFORMING THESE FUNCTIONS. HIN ESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILLING.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPHRE ENGINEERS PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN:

FROMETIS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN.

FROMETIS, IN CONTRACHANCE ATTH FPT:

FROMETIS, IN CONTRACT INSTALLING A BRACTH OF TRUSSES,

BESIGN CONTRACT IN FACE FOR THE PROPERTIES OF THE PROPERTIES.

BESIGN CONTRACT AND FACE OF TRUSS AND FOR THE PROPERTIES OF THE PROPERTIES.

FROMETIS ARE MADE OF TAPING AND AND THE PROPERTIES OF THE PROPERTIES.

FROMETIS ARE MADE OF TAPING AND AND THE PROPERTIES OF THE PROPERTIES.

FROMETIS ARE MADE OF TAPING AND AND THE PROPERTIES OF THE PROPERTIES.

FROMETIS ARE MADE OF TAPING AND AND THE PROPERTIES OF THE PROPERTIES.

FROMETIS, IN TARILLAND AND THE PROPERTIES.

FROMETIS AN NAY HISPECTION OF PLAITS FOLLOWED BY (1) SHALL BE PER ANNEX A 30 F 1911 2002 SEC.3.

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOCIETY I
DESIGN SHOWN. THE SUITABLELTY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF OZ SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT

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

BUILDING DESIGNER PER ANSI/IPI 1 SEC.

ALPINE



PSF PSF

DATE REF

08/04/06

67678

Scale = .375"/Ft. R487--

DRW HCUSR487 06216067

TCE / AF

PSF PSF

SEQN HC-ENG

120527

JRFF-

LSZH4R7

268 Glenwood King Gray JSRR)

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

Left end vertical not exposed to wind pressure

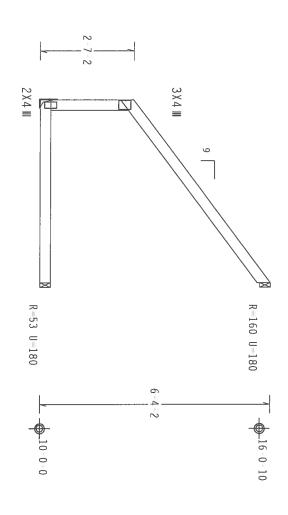
In lieu of structural panels or rigid ceiling use purlins to brace @ 24" 0C, BC @ 24" 0C.

Provide Provide 22 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, not loca within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. located

due to dead load. Calculated horizontal deflection is 0.36" due 0.1 live load and 0.23'

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



R-213 U-180 ←5-0-0 Over 3 Supports >

PLT

ΤYΡ.

Wave

RIGID CEILING.

MMONGTANT THANKS A CORY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE LINCINEERED PRODUCTS, INC. SHALL HOT BE RESPONSIBLE FOR MAY DEVIALING FROM THIS DESIGN: ANY FAILNET TO BUILD THE HEADS IN CONFORMACE WITH FET; OR FABRICATING, IMMOLING, SHIPPING, INSTALLING A BRACHING OF HUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HOS (MAITOMAL DESIGN SPEC, BY AFRAY) AND FFL.

CONTROL OF THE ARE HADE OF ZOILBY FACA, CHAPTAY, ASTA MASS GRADY MOUSE OF WITH APPLICABLE ARE HADE OF ZOILBY FACA, CHAPTAY, ASTA MASS GRADY MOUSE OF WITH SOUTH APPLY PLAIES TO LACH FACE OF TRUSS AND, BUILESS OTHERWISE LOCATED ON THIS DESIGN, POSITION FER DRAWINGS 160A Z. ANY HASPECTION OF PLAIES TOLLOUED BY (1) SHALL BE FER ANNEX AS OF THIS DESIGN, POSITION OF PLAIES FOLDED BY (1) SHALL BE FER ANNEX AS OF THIS DESIGN. SOLELY FON HE BUSS COMPONENT DESIGN SHOULD HE SUSCEPTION HE BUSS COMPONENT OF SHOULD BE SHEAT OF THE BUSS COMPONENT OF THE BUSS COMPONENT OF THE BUSS CONTROL BE SHEAT OF THE SHEAT OF THE BUSS COMPONENT OF THE BUSS COMPONENT OF THE BUSS CONTROL BE SHEAT OF THE BUSS COMPONENT OF THE BUSS COMPONENT OF THE BUSS CONTROL BE SHEAT OF THE BUSS COMPONENT OF THE BUSS CONTROL BE SHEAT OF THE BUSS CONTROL BUSS CO **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. DESIGN SHOWN. THE SUITABILITY AND USE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

Alpine Engineered Products, Inc.

ALPINE

Haines City, FL 33844
'cate of A' 'n # 567



PSF

SEQN-HC-ENG

120544

DATE REF

08/04/06

Scale =.375"/Ft.

R487--

67679

DRW HCUSR487 06216003

TCE/AF

JRFF-

1SZH1R7

268 Glenwood King Gray J3R)

Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #2 Dense :W2

2x4 SP

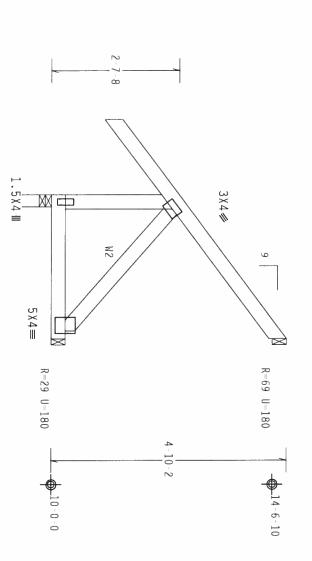
Left end criteria vertical exposed to wind pressure. Defle for brittle and flexible wall coverings. pressure. Deflection meets L/240

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

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

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

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



←1-6-8-> R=262 U=180 W=3" -11-8 Over 3 Supports

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

TYP.

Wave

RIGID CEILING.

IMPORTANTDUBLISH, A COPY OF THIS DESIGN TO THE TRESHALATION CONTRACTOR. ALPHE ENGINEERED PRODUCTS, HIC. SHALL NOT SEE EESFORISHE FOR ANY EVALUATE TO BUILD THE PRODUCTS, HIC. SHALL NOT SHALL NOT A BRACHEG OF HENSELS.

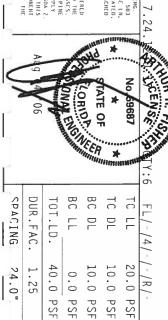
TRUSS IN CONTRIBUTE WITH TELEFORD FROM EAST CALLUC, MANDETHE, SHEPTING, ITSALL NOT A BRACHEG OF HENSELS.

DESIGN CONTRIBUTE WITH THE PROPERTY OF THIS (MAITONAL DESIGN ESPEC, BY ARAMA) AND THE ALPHE CONNICTION FROM EAST CONTRIBUTED AND THE CONTRIBUTE OF THE CONTRIBUTED AND THE CONTRI ALPHE PLAIES TO EAST FACE OF TRUSS AND. MULESS OFFER ME. DEFENDED AND EAST OF THE PRAIES OF TRUSS AND. MULESS OFFER ME. APPLY ANY INSPECTION OF PLAIES, CALV. OFFER DAVIDED BY ALTS AND APPLY ANY INSPECTION OF PLAIES, CALV. OFFER DAVIDED BY ALTS AND ASSET OF THE PLAIES. AS A SEAL OF THE PRAINTS AND EAST OF THE PRAIR AND A SEAL OF THE PRAINTS AND EAST OF THE PRAIR AND A SEAL OF THE PRAIR AN BUILDING DESIGNER PER SULTABILLITY AND

Alpine Engineered Products, Inc.

ALPINE

Haines City, FL 33844



DATE REF

08/04/06

67680

Scale =.5"/Ft. R487--

DRW HCUSR487 06216068

TCE/AF

JRFF-

1SZH487

Z01

SEQN-HC-ENG

268 - Glenwood King Gray J1R)

6

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

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

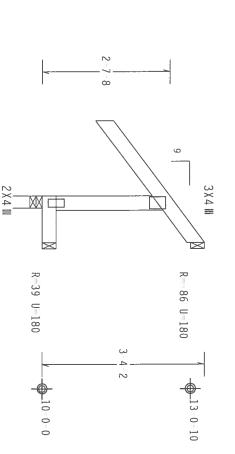
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

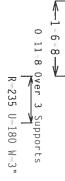
Provide Provide 2) 16d common nails (0.162"x3.5"), toe nailed at Top chord. 2) 16d common nails (0.162"x3.5"), toe nailed at Bot chord.

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

Calculated horizontal deflection is 0.32" due to dead load. due to live load and 0.11'

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)

TYP.

Wave

WARNING IRUSSES REQUIRE EXTREM CARE IN FABRICATION, MANDELING, SUPPING, INSTALLING AND BRACING, RELER TO BEST I D3 (BUILDING COMPONENT SAFETY INFORMATION), POBLETSHED BY FP (RUSS PLATE INSTITUTE, 583 D "OMOFRIO BN. SUTIE ZOO, ANDISON, HI 53719) AND MICA (MOOD RUSS COUNCELL OF ARRICA, 6300 ENTERPRISE LIN, HADISON, HI 53719) FOR SAFETY PRACTICES PRIDE TO PERFORMING INFSE FUNCTIONS. UNLESS DINERHISE INDICATED, FOR COMPONENT ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILLING.

IMPORTANTTURBISH A COPY OF THIS DESIGN TO THE INSTALLATION COMPRACTOR.

ALPTHE CHRIDICERED PRODUCTS, THC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN: ANY FALURE TO DULLD THE TRUSS IN CONTOMERS HIT APPLICABLE PROVISIONS OF HIS (MAILONAL DESIGN SPEC, BY ATRA) AND THE TRUSSES.

BYSICAL CONTOMES HITM APPLICABLE PROVISIONS OF HIS (MAILONAL DESIGN SPEC, BY ATRA) AND THE TRUSSES.

BYSICAL CONTOMES HITM APPLICABLE PROVISIONS OF HIS (MAILONAL DESIGN SPEC, BY ATRA) AND THE TRUSSES.

APPLIES TO FACH FACE OF TRUSS AND DUMETS OF HIS MAILONAL DESIGN SPEC, BY ATRA) AND THE TRUSS COMPONENT FACE OF TRUSS AND DUMETS OF THE MAILONAL DESIGN SPEC, BY ATRA) AND THE ADMINISTRATION OF THE ADMINISTR DUSIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR BUILDING DESIGNER PER ANSI/IPI 1 SEC. 2. ANY BUILDING IS THE RESPONSIBILITY OF

Alpine Engineered Products, Inc.

ALPINE

liaines City, FL 33844



SPACING 1.25 40.0 PSF 10.0 PSF 10.0 PSF 20.0 PSF 24.0" 0.0 PSF JRFF-SEQN-DATE REF HC-ENG DRW HCUSR487 06216069 R487-- 67681 1SZH487 Z01 TCE / AF 120536 08/04/06

Scale = .5"/Ft.

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

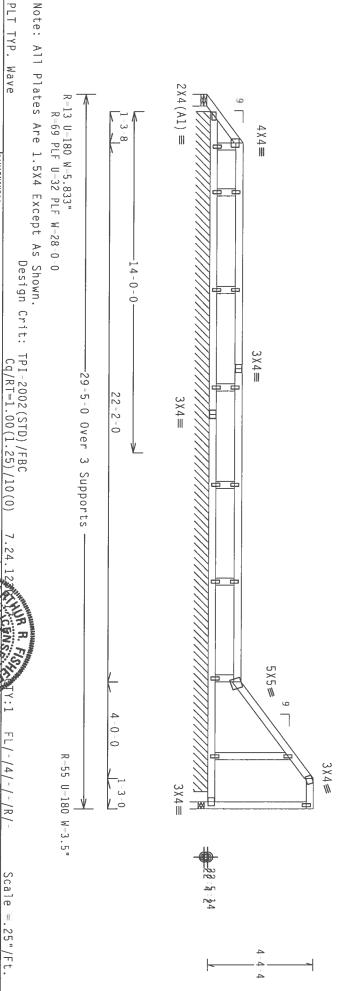
In lieu of structural panels or rigid ceiling use purlins brace TC @ 24" 0C, BC @ 24" 0C.

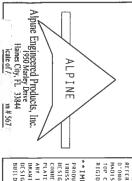
Refer to DWG PIGBACKA0405 or PIGBACKB0405 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

110 mph wind, 24.59 ft mean hgt, located within 4.50 ft from roof DL=5.0 psf, wind BC DL=1.2 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.



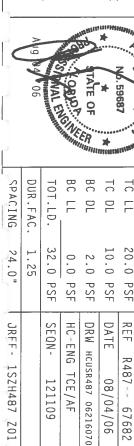


Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FARRICATION. HANDLING. SHIPPING. INSTALLING AND BRACING. RETER TO BEST 1-03 (BUILDING COMPONENT SALETY INFORMATION), PHELISHED BY FPI (FRUSS PLATE INSTITUTE, SB3 D'ONOFRIO DE, SUITE ZOD, ANDISON, HI S3719) AND ENTERPRISE UN, MADISON, HI S3719 AND ENTERPRISE UN, MADISON, HI S3719 FOR SAFETY PRACIFICES PRIOR TO PERFORMING THESE FUNCTIONS. HALES OTHERWISE INDICATED, FOR FOR SAFETY PRACIFICES PRIOR TO PERFORMING THESE FUNCTIONS. HALES OTHERWISE INDICATED, FOR SAFETY PRACIFICES PRIOR TO PERFORMING THESE FUNCTIONS. HALES OTHERWISE INDICATED, FOR SAFETY PRACIFICES PRIOR TO PERFORMING THESE FUNCTIONS.

IMPORTANTTURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPHAC TRACE SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FALURE TO BUILD THE RESULTS. THE CONTRACTOR THIS DESIGN TO THE PROPERTY OF THE PROPE DESIGN SHOWN. THE SUITABILITY AND USI BUILDING DESIGNER PER ANSI/1PI 1 SEC. 2 THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE



TCE/AF 121109

201

08/04/06 67682 FL/-/4/-/-/R/-

Scale = .25"/Ft.

Top chord 2x4 SP h Bot chord 2x4 SP h Webs 2x4 SP h

#2 Dense #2 Dense #3

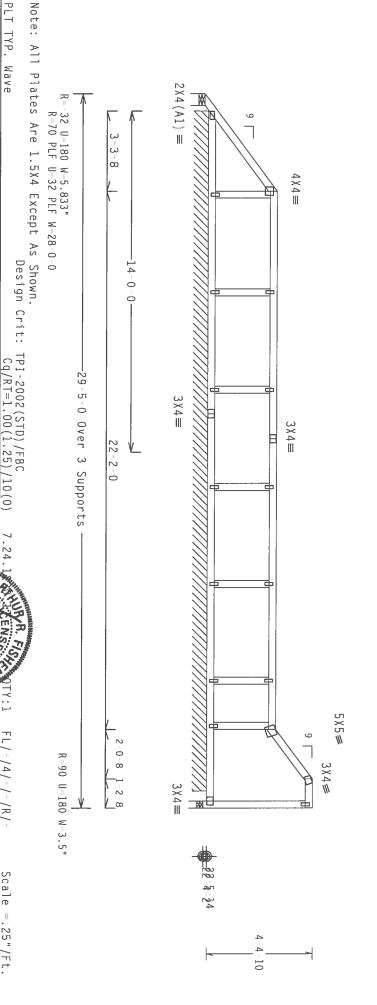
In lieu of structural panels or rigid ceiling use purlins brace TC @ 24" 0C, BC @ 24" 0C.

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

110 mph wind, 24.61 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.

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.



Alpine Engineered Products, Inc 1950 Marley Drive

ALPINE

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPTHE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION PROP THIS DESIGN: ANY FAILURE TO BUILD THE ROSCS THE CHINDRAMANE WITH FPI:

RUSS THE CHINDRAMANE WITH FPI:

DESIGN CONFORMS WITH APPLICABLE PROPVISIONS OF THIS (MAIDINAL DESIGN SPEC, BY ATRIA) AND TPI:

CONTROLOR PAINTS ARE ANDE OF ZO/101/160A (H-1/K/YA) ASTH MASS GRADE 40/60 (H-K/H/S) GALV. STEEL APPLY

PAINTS TO FACH FACE OF TRUSS AND. UNLESS OTHERNISE TOCATED ON THIS DESIGN. POSITION PER BRANDES 160A 2.

ANY INSPECTION OF PAINTS OF OLORED BY C) SHALL BE FER ANDY AS OF TPIT-2002 SEC. 3.

ANY INSPECTION OF PAINTS OF OLORED BY C) SHALL BE FER ANDY AS OF TPIT-2002 SEC. 3.

ANY INSPECTION OF PAINTS OF OLORED BY C) SHALL BE FER ANDY AS OF TPIT-2002 SEC. 3.

ANY INSPECTION OF PAINTS OF OLORED BY C) SHALL BE FER ANDY AS OF TPIT-2002 SEC. 3.

ANY INSPECTION OF PAINTS OF OLORED BY C) SHALL BE FER ANDY AS OF TPIT-2002 SEC. 3.

ANY INSPECTION OF PAINTS OF OLORED BY C) SHALL BE FER ANDY AS OF TPIT-2002 SEC. 3.

ANY INSPECTION OF PAINTS OF OLORED BY C) SHALL BE FER ANDY AS OF TPIT-2002 SEC. 3.

ANY INSPECTION OF PAINTS OF OLORED BY C) SHALL BE FER ANDY AS OF TPIT-2002 SEC. 3.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, RETER TO BEST 1-03 (BUILDING COMPONENT SAFETY IN GREATION), PUBLISHED BY TH (TRUSS PLATE INSTITUTE, 503 O'OMBERGO BA, SUITE 200, HANDSON, H. 15379) AND HOLG MORDO BRUSS COUNCEL O MERICA, SODO ENTERPASE LH, HANDSON, H. 15379) AND HOLG PROPASE LH, HANDSON, H. 15379) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, DURLESS OTHERWISE INDICATES, FOR COMPONENT AND SOME HANDSON, H. 15379) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, DURLESS OTHERWISE INDICATES, FOR COMPONENT ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE A PROPERTY ATTACHED RIGHT CHILD.

CENS 0.59687

TC LL

20.0 PSF

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

Scale = .25"/Ft. R487-

A *

ВС

TC

DL 무

10.0 PSF

DATE REF

08/04/06

67683

DRW HCUSR487 06216071

TCE/AF

Flames City, FL

DESIGN SHOWN. THE SUTTABILITY AND US BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2

SUTTABILITY AND USE

BUILDING IS THE RESPONSIBILITY OF

SPACING DUR.FAC.

24.0"

JRFF-

1SZH4R7

Z01

TOT.LD.

32.0

SEQN-HC-ENG

121240

0.0 2.0 PSF

PSF PSF

TYP.

Wave

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

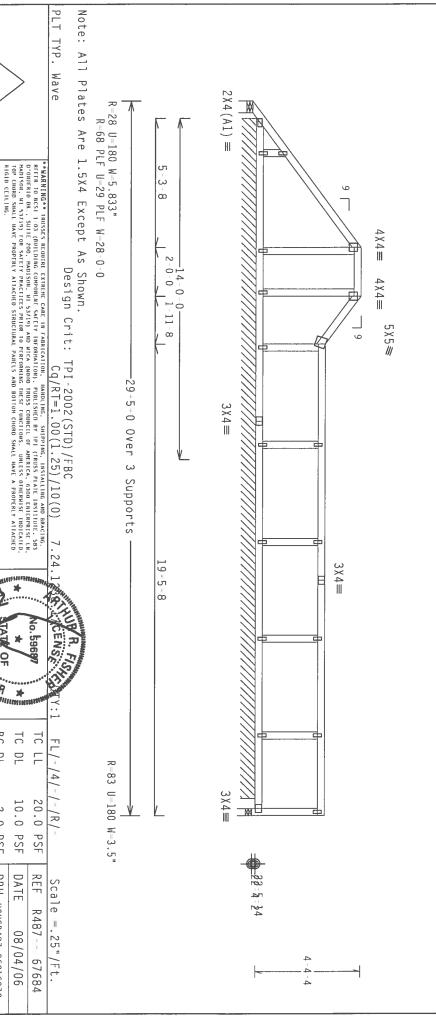
In lieu of structural panels or rigid ceiling use purlins brace TC @ 24" OC, BC @ 24" OC.

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

110 mph wind, 24.59 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=1.2 psf.

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.



Alpine Engineered Products, Inc.

ALPINE

IMPORTANTJUNNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FATURE TO BUILD THE PRODUCTS, THE STALLATION BE RESPONSIBLE FOR ANY DEVALATION FROM THIS DESIGN: ANY FATURE TO BUILD THE RESPONSIBLE FOR ANY DEVALATION FROM THIS DESIGN. SHALLING A BRACEING OF RESSES.

DESIGN CONTORNS HITH APPLICABLE PROVISIONS OF MDS (ANATOMAL DESIGN SPEE, BY ALRA) AND THE. APPLY CONTROLORS AND AND THE TOTAL PROVISIONS OF MDS (ANATOMAL DESIGN SPEE, BY ALRA) AND THE APPLY APPLY SHALLING A BRACEING AND AND THE TOTAL SHALLING A BRACEING AND AND THE TOTAL SHALLING A BRACHING SHALLING AND THE BRACHING SHALLING AND THE BRACHING SHALLING BRACHING SHALLING AND THE BRACHING SHALLING BRACHING SHALLING SHALLING

No. 596

TC

ВС T_{C}

P 민

> 10.0 20.0

> DATE REF

08/04/06 67684

R487--

ВС

0.0 2.0

HC-ENG

TCE / AF 121247

DRW HCUSR487 06216072

32.0

PSF PSF PSF PSF PSF

SEQN-

SPACING DUR.FAC. TOT.LD.

24.0"

JRFF-

1SZH487

Z01

Itaines City, FL 33844

BUILDING DESIGNER PER ANSI/IPI 1 SEC.

THIS COMPONENT FOR

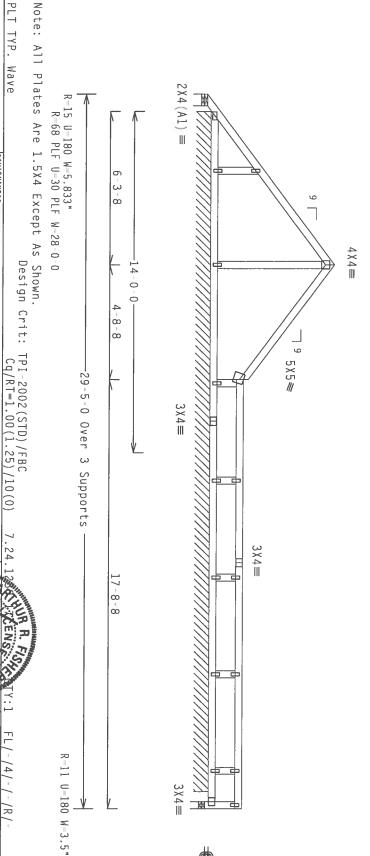
BUILDING IS THE RESPONSIBILITY OF

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

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

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

110 mph wind, 24.97 ft mean hgt, located within 4.50 ft from roof 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. ASCE 7-02, CLOSED bldg, not edge, CAT II, EXP B, wind TC



MARNING TRUSSES REGULER EXTREME CARE IN FARRICATION, MANDILLOR, SUPPLING, INSTALLING AND BRACING.

REFLER TO BECST 1-D3 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY 117 (PUBLIS PLATE INSTITUTE, 583)

D'ORDORRIO BB., SUITE POR MADISHM, MI 53719 A DRI MICA MODIO BRUSS COUNCIL OF AMERICA, 6306 ENTERPRISE TH,

MADISHM, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING INESS FUNCTIONS. UNITESS OTHERNISE THOUGATED,

1.00 CHORD SHALL MAYE PROPERTY ATTACHED STRUCTURAL PARIELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED.

IMPORTANT*Gurmish a copy of this design to the installation contractor.

ALPINE ENGLINE TO BULL DO THE RESPONSIBLE FOR ANY DEVIATION ROOM THIS CESSION: ANY FALLURE TO BULLD THE RUSS IN COMPONENCE WITH IN PLICABLE FOR ONE FOR THIS CESSION OF THE STATE OF THE PROPERTY DESIGN SHOWN. THE SUITABILITY AND USE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. PHATES INLUMED BY (1) SHALL BE PER ANNEX X.3 OF IPI1-2002 SEC.3. A SEAL ON THIS S ACCEPTANCE OF PROTESSIONAL LUGILACERUM EXPONEINITITY SOLELY FOR THE TRUSS COMPONEINE THE SUITABLE PROTESSION OF THE SEAL OF THIS COMPONEIN THE SUITABLE PROTESSION OF THE SEAL OF THIS COMPONEIN THE SUITABLE PROTESSION OF THE SEAL OF THIS COMPONEIN THE SUITABLE PROTESSION OF THE SEAL O

Alpine Engineered Products, Inc.

ALPINE

Haines City, FL

71Wc .L 33844 vn # 567



SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL
24.0"	1.25	32.0 PSF	0.0 PSF	2.0 PSF	10.0 PSF	20.0 PSF
JRFF- 1SZH487 Z01		SEQN- 121254	HC-ENG TCE/AF	DRW HCUSR487 06216073	DATE 08/04/06	REF R487 67685

6 268 - Glenwood King Gray AP5)

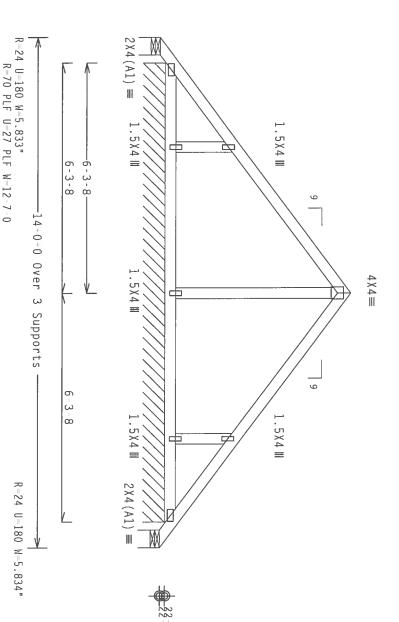
Top chord 2x4 SP / Bot chord 2x4 SP / Webs 2x4 SP / #2 Dense #2 Dense #3

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

> 110 mph wind, 24.97 ft mean hgt, located within 4.50 ft from roof DL=5.0 psf, wind BC DL=1.2 psf. ASCE 7-02, CLOSED edge, CAT II, EXP bldg, not B, wind TC

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

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



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RETER TO BEST 1-35 (BUILDING COMPONENT SAFETY IN GORACHIOS, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'OHORFEL® DR. STULL ZOO, MADISON, HI 53710) AND HITCA (MODO BRUSS COUNCIL OF MURICA, SHOO ENTERPRISE LH. MADISON, HI 53710) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OHERWISE HOLCAUED, TOP CHORD SHALL HAVE PROPERLY ATTACHED REGION CELLING. TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0)

Design Crit:

W=12-7-0

TYP.

Wave

IMPORTANTFURMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERD PRODUCTS, INC. SINAL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN. ANY FAILURE TO BUILD HE REMODELS, INC. COMPORANCE WITH HET.

BY AS IN CONTRACT HIS HELD REMOVESTORS OF DIDS (INTIONAL DESIGN SECC. BY ATRACH, AND DELICABLE PROVISTORS OF DIDS (INTIONAL DESIGN SECC. BY ATRACH, AND DELICABLE PROVISTORS OF DIDS (INTIONAL DESIGN SECC. BY ATRACH, AND SECC.).

BY AND SECTION OF PARTES ARE HANGE OF POPULATIONAL OF HELD ON THIS DESIGN. POSTITION PER DRAWHINGS IGAO. 2.

ANY INSPECTION OF PARTES FOLLOWED BY (1) SHALL BE FER NUMER AS OF IPIT 2002 SEC. 3.

A STAL ON THIS DESIGN. SOUTH THE SECONDAL HIS DESIGN. POSTITION PER DRAWHINGS IGAO. 2.

BRAHMIG INDICALITS ACCEPTANCE OF PROTESSTORAL ENGINEERING AS IPIT 2002 SEC. 3.

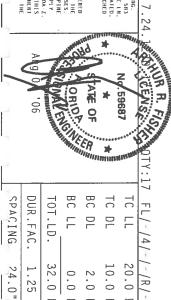
A STAL ON THIS SOUTH THE SULFABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGN SHOWN.

Alpine Engineered Products, Inc.

ALPINE

Haines City, FL 33844 icate of / yn # 567

BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2



ng P			**/	⁷¹⁴ 1111	muu	ALL DAY.
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	10 LL
24.0"	1.25	32.0 PSF	0.0 PSF	2.0 PSF	10.0 PSF	20.0 PSF
JRFF- 1SZH487 Z01		SEQN 121257	HC-ENG TCE/AF	DRW HCUSR487 06216074	DATE 08/04/06	REF R487 67686

Scale =.375"/Ft.

Refer to DWG PIGBACKA0405 or PIGBACKB0405 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED. In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C. (6-268--Glenwood King Gray Alpine Engineered Products, Inc. p chord 2x4 SP t chord 2x4 SP Webs 2x4 SP TYP. ALPINE Wave #2 Dense #2 Dense #3 =26 2X4(A1) =U=180 R=70 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPY FACHULE THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE ROSCS IN CONFIDENCIAL HIM PIT:

OF A PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE ROSCS IN CONFIDENCIAL HIM PIT:

OF A PRODUCTS IN SHALL NOT BE ABACTICAL THE PROVISIONS OF THIS CONTROL SHEET, AND AND THE APPLY CONFICENCE FOR THIS ARE HADE OF ZOILD FROM CHAINSON, ASTA MASS GRAND AND SHEET. APPLY DIALES TO FACIL FACE OF TRUSS AND, DHILESS OHERWISE (OCATED ON THIS DESIGN, POSITION FOR BRAHINGS 180A Z. ANY HIS DESIGN OF PAILES FOLLOWED BY CONTROL THE PIPE AND THE STORY SHEET.

ANY HISPECTION OF PAILES TOLLOWED BY (1) SHALL BE PER ANNY MAY A OF THIS DESIGN FOR THE TRUSS COMPONENT FROM THE PER ANNY MAY AND THE TRUSS COMPONENT FROM THE THE PER ANNY MAY AND THE TRUSS COMPONENT FROM THE THE PER ANNY MAY AND THE THE PERCONSCIPLING THE THE PERCONSCIPLING THE THE PERCONSCIPLING OF THE THE PERCONSCIPLING THE THE PERCONSCIPLING T N=5.833"
PLF U=28 PLF W=12-7-0 **WARNING** IRUSSES RÉQUIRE EXPREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, RETER TO BEST 1-03 (BUILDING CORPONNI SACTEY INFORMATION), PUBLISHED BY THE IRUSS PLATE INSTITUTE, 883 0 "OHOMERIO BA. SUITE ZOO, HADISON, HI 53719) AND MITA (4000 TRUSS COUNCIL OF AMERICA, 6300 CHIERPRISE UM, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HISE FUNCTIONS, UNITES DIFFRHISE INDICATED, TOP CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CETLING. BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. 1.5X4 III AP6) .5X4 III 毎 O ယ် ထ Design Crit: Ó 9 ú ά STHI TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 14-0-0 Over 3 Supports 3 \ 4 ≤ 1.5X4 III .5X4 0 贞 ò 3 \ 4 || RESPONSIBILITY OF 110 mph wind, 24.59 ft mean hgt, located within 4.50 ft from roof 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. AN ALENSE TUR A. ഗ -3-8 1.5X4 III NAL ENGINEERING .5X4 Ⅲ .59687 90' Б P ★ 2X4(A1) =ASCE 7 edge, 26 8 C ВС TCC DUR.FAC TOT.LD. U=180 W=5.833" FL/-/4/ PL P 7-02, CLOSED CAT II, EXP 1.25 32.0 10.0 20.0 '-/R/ 2.0 0.0 B, wind TC PSF PSF PSF PSF REF DATE SEQN HC-ENG DRW HCUSR487 06216075 Scale R487--=.5"/Ft. TCE/AF 08/04/06 118346 67687

ficate of /

33844 on # 567

SPACING

24.0"

JRFF-

1SZH487

201

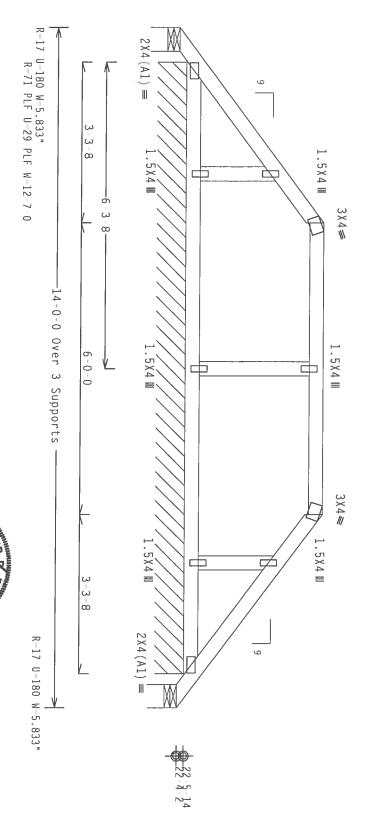
p chord 2x4 SP t chord 2x4 SP Webs 2x4 SP #2 Dense #2 Dense #3

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

to

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50. 110 mph wind, 23.84 ft mean hgt, located within 4.50 ft from roof DL=5.0 psf, wind BC DL=1.2 psf. ASCE 7-02, CLOSED edge, CAT II, EXP B, wind TC

Refer to details. BRACED @ DWG PIGBACKAO405 or PIGBACKBO405 for piggyback PORTION OF TRUSS UNDER PIGGYBACK IS TO BE 24" OC, UNLESS OTHERWISE SPECIFIED.



-10

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

TYP.

Wave

MARNING HRUSSES REQUIRE EXHEME CARE IN FABRICATION, INAUDERNG, SHIPPING, INSTALLING AND BRACING, RETER TO RESI 1-03 (BRILDING COMPONERS SAFETY IN GORRALION), PHBLISHED BY FOI (TRUSS PLATE HISTITUTE, 503 D'UNOFRIO DR., SUITE 700, INAUSSON, HI 53710) AND WITCA (MODO TRUSS COUNCIL OF AFFRICA, 500 CHIEFRES ELH, MADISON, HI 53710) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE A PROPERLY ATTACHED REGIO CEILING.

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

AIPHE ENGINEERD PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FALURE TO BUILD HE RESONST THE CONTRACTOR OF THIS DESIGN OF THIS DESIGN. THIS ALL HE AREACHEO OF TRUSSES.

DESIGN CONTRACTS HE APPLICABLE PROVISIONS OF ANDS (HATIONAL DESIGN SPEC, BY ATAPA) AND TELL CONNECTION FLATES ARE HADE OF 707/18/166A (H.H/S/K) ASTH AGES AREACHEO THIS APPLY PLATES TO CACH FACE OF TRUSS AND, UNICSS OTHERS CONTRACTED ON THIS DESIGN, POSITION PER DEAMINGS 166A 2. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX AS OF TELL 2002 SEC. 3. A SEA, ON THIS DESIGN SHOULD THE SHALL SHALL BE PER ANTEX AS OF THIS 2002 SEC. 3. A SEA, ON THIS DESIGN SHOULD THE SHALL SHALL BE PER ANTEX AS OF THIS 2002 SEC. 3. A SEA, ON THIS DESIGN SHOULD THE SHALL BE PER ANTEX AS OF THIS 2002 SEC. 3. A SEA, ON THIS DESIGN SHOULD THE SHALL BE PER ANTEX AS OF THIS 2002 SEC. 3. A SEA, ON THIS DESIGN SHOULD THE SHALL BE PER ANTEX AS OF THIS CONPONENT OF THE SHALL BE PER ANTEX AS OF THIS CONPONENT OF THE SHALL BE PER ANTEX AS OF THIS CONPONENT OF THE SHALL BE PER ANTEX AS OF THIS CONPONENT OF THE SHALL BE PER ANTEX AS OF THIS CONPONENT OF THE SHALL BE PER ANTEX AS OF THIS CONPONENT OF THE SHALL BE PER ANTEX AS OF THIS CONPONENT OF THE SHALL BE PER ANTEX AS OF THIS CONPONENT OF THE SHALL BE PER ANTEX AS OF THIS CONPONENT OF THE SHALL BE PER ANTEX AS OF THIS CONPONENT OF THE SHALL BE PER ANTEX AS OF THIS CONPONENT OF THE SHALL BE PER ANTEX AS OF THIS CONPONENT OF THE SHALL BE PER ANTEX AS OF THIS CONPONENT OF THE SHALL BE PER ANTEX AS OF THE SHALL B

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

ALPINE

b. 59687 FL/-/4/-/-/R/-BALTING

					Himere	19175
SDALJAGS	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	IC LL
24 0"	1.25	32.0 PSF	0.0 PSF	2.0 PSF	10.0 PSF	20.0 PSF
.lbee- 1874/87 701		SEQN- 118344	HC-ENG TCE/AF	DRW HCUSR487 06216076	DATE 08/04/06	REF R487 67688

Scale = .5"/Ft

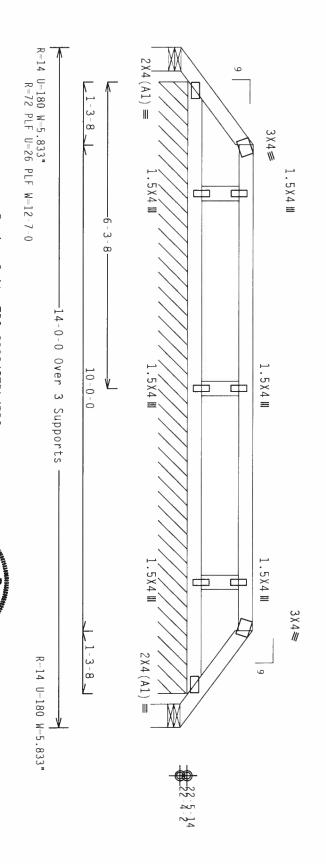
Bot chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3

In lieu of structural panels or rigid ceiling use purlins brace TC @ 24" 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, 23.09 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TO DL=5.0 psf, wind BC DL=1.2 psf.

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



WARNING TRUSSES RECORDER EXTREME CARE IN FARRICATION, IMANDING, SUPPTING, HISTALLING AND BRACING.
STORMER O B.S. I D.3 (BUILDING COMPORENT SAFETY HITCRHAITON), PURLISHED BY FP (RUSS PLATE INSTITUTE, 583)
D.5 ORDER O B.S. SHITE ZOO, HADISON, MI 53719) AND MICA (MODO BRUSS COMMELLO BATERA, 5300 CHIERRERISE LIN, HADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. HINLES OTHERHISE INDICATED, TOP CORROS DAIALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CEILLING. Design Crit: TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0)

TYP.

Wave

** IMPORTANT ** TURBLES A CORP OF THIS DESIGN TO THE ENGINEERED PRODUCTS. INC. SHALL MUT BE RESPONSIBLE FOR MAY PEYALION FROM THIS DESIGN. ANY FALLINE TO BUILD THE RUSSING COMPOREMENT HE HE RESPONSIBLE FOR MAY PEYALION FROM THIS DESIGN. BY FALLING A BRACING OF RUSSES, DESIGN COMPOREM WITH APPLICABLE PROVISIONS OF HIS CHAINDAID FIG. SHIPPING. INSTALLING A BRACING OF RUSSES, DESIGN COMPOREM WITH APPLICABLE PROVISIONS OF HIS CAMPORATED AND THE SECOND OF THIS DESIGN. APPLY CONNECTOR PLAIRS ARE MADE OF ZO/LAJBAGA, QL-HJS/ZA) ASTH MASS GRADE COA/SO (K. K/HLS) GALV. SEEL. APPLY DELIES TO EACH FACE OF TRUSS AND. JHHLES OFFICE APPLY DELIES TO EACH FACE OF TRUSS AND. JHHLES OFFICE APPLY DELIES TO EACH FACE OF TRUSS AND. JHHLES THERMISE COCATED ON THIS DESIGN. POSITION PER BRAHHIGS 160A Z. ANY HISPECTION OF PLAIRS TOLOHORD BY (1) SHALL BE FER ANKEX AS OF THIS 2007 SEC. J. AS SEA ON THIS DESIGN ACCEPTANCE OF PROFESSIONAL ENGLIFICATION RESPONSIBILITY SOLELY FOR HET BRUSS COMPONENT DESIGN SHOWN. HE SUITABLILLY AND SEC OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

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

ALPINE

* BC LL BC DL SPACING TC DL TC LL DUR.FAC. TOT.LD. 24.0" 32.0 10.0 PSF 20.0 PSF 0.0 PSF 2.0 PSF PSF JRFF-SEQN-DATE REF HC-ENG DRW HCUSR487 06216077

TCE/AF

118342

08/04/06

67689

1SZH487 Z01

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

Scale =.5"/Ft. R487--

AP9)

6

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

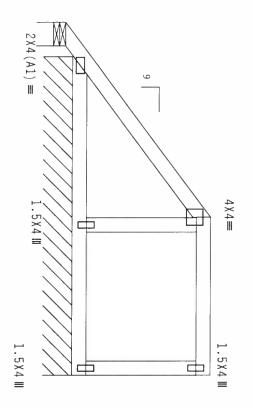
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.

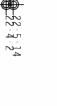
Refer to DWG PIGBACKA0405 or PIGBACKB0405 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

110 mph wind, 23.84 ft mean hgt, ASCE 7-02, CLOSED located within 4.50 ft from roof edge, CAT II, EXP DL=5.0 psf, wind BC DL=1.2 psf. 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.





10

R=79PLF U=44 0 W=5.833" 1 PLF W=6-6-7-3-0 φ 0ver 2 Supports

ώ ά

3-3-0

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

CEN

TC DL

10.0 PSF 20.0 PSF

DATE REF

08/04/06

67690

DRW HCUSR487 06216078

TCE / AF 118398

TC LL

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

Scale =.5"/Ft. R487--

TYP.

Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN LABRICATION, INABDING, SHIPPING, INSTALLING AND BRACING, RELER TO BEST 1 03 (BUILDING COMPORENT SAFLY INFORMATION), PUBLISHED BY THE LIBUSS PLATE INSTITUTE, 583 D'UNDOTRIO DR. SAUTE 200. MADISON, HI 53719) AND NICA (MOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LIN. MADISON, MI 53719) FOR SALETY PRACTICES PRIOR TO PERFORHING THESE CHUCTIONS UNLESS OTHERWISE INDICATED THE CHORD SHALL HAVE A PROPERLY ATTACHED THE CHORD SHALL HAVE A PROPERLY ATTACHED. RIGIO CEILING

IMPORTANTURBISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUTCH THE PRODUCTS, THE SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUTCH THIS DESIGN. THE SHALL NOT BRACING OF RUBSECS. BEST OF CORREMANCE ATH HE!

BUSIGN CONFORMS WITH APPLICABLE PROVISIONS OF INIS (MATIGNAL DESIGN SPEE, BY AFRA) AND THE. APPLY CONTROL OF THE AREA AND THE APPLY CONTROL OF THE AREA AND THE APPLY CONTROL OF THE AREA AND ADDITIONAL DESIGN SPEED AND ADDITIONAL DESIGNAL DESIGN

DESIGN SHOWN. THE SUITABILITY AND BUILDING DESIGNER PER ANSI/IPI I SEC. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF

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

ALPINE

ATE OF * BC DL SPACING DUR.FAC. TOT.LD. 24.0" 1.25 32.0 0.0 2.0 PSF PSF PSF

JREF -

1SZH487

Z01

SEQN-HC-ENG

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

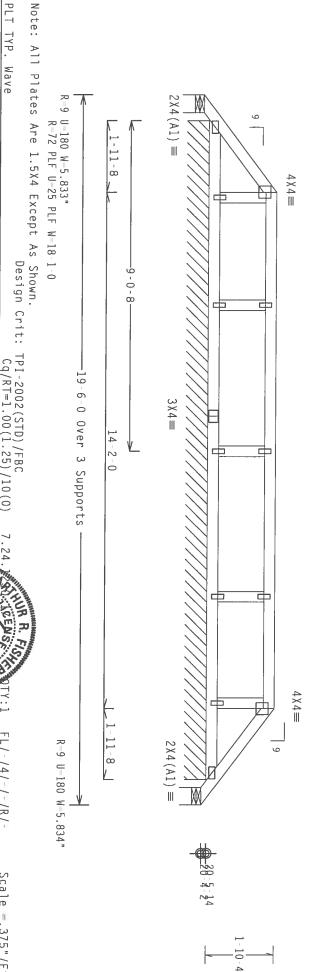
bldg, not B, wind TC

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

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

110 mph wind, 21.34 ft mean hgt, located within 4.50 ft from roof 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.

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



Alpine Engineered Products, Inc. 1950 Marley Drive Hannes City, FL 3384 FL Certificate of Authorization # 567

DESIGN SHOWN. THE SUITABILITY AND I BUILDING DESIGNER PER ANSI/TPI 1 SEC.

ALPINE

RIGIO CEILING

N. K./H.5) GAAV. STEEL. APPLY
N. POSITION PER DRAWINGS 160A-Z.
OZ SEC.3. A SEAL ON THIS
SOLELY FOR THE TRUSS COMPONENT
OR IS THE RESPONSIBILITY OF THE

04 '06

TOT.LD.

.

PSF

0.0 2.0

PSF PSF

HC-ENG

TCE/AF 121262

DR W DATE REF

HCUSR487 06216079

08/04/06 67691

SPACING DUR.FAC.

24.0" 1.25 32

JREF -

1SZH487

201

PIOP TATE OF

ENER .

BC DL

WARNING IRUSSES REQUIRE EXTREME CARE IN FABRICATION, INABILING, SHIPPING, INSTALLING AND BRACING, REFER 10 BCS1 1 03 (BULDING COMPORTNI SAFETY INFORMATION), PUBLICINED BY LEFT (BRUSS PLATE NRSITIUE, 5B3 D'OMOTRIO BR. SALUE 200, MADISON, NI 53719) AND NICA (MOOD IRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, HADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNICES OTHERNYST HIDICATED, TOP CHORD SHALL HAVE A PROPERLY ATTACHED

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

ACENS.

6.59687

TC LL

20.0 10.0 PSF

PSF

R487---

FL/-/4/=

/-/R/-

Scale

=.375"/Ft.

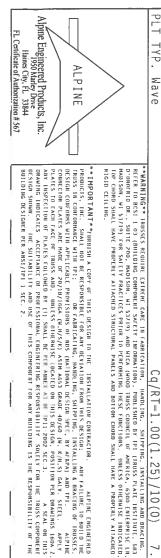
TC DL

PLT TYP.

Wave

Top Bot Refer to DWG PIGBACKA0405 or PIGBACKB0405 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED. In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC. (6-268--Glenwood King Gray p chord 2x4 SP t chord 2x4 SP Webs 2x4 SP #2 Dense #2 Dense #3 BP2) 110 mph wind, 22.09 ft mean hgt, ASCE 7 located within 4.50 ft from roof edge, 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. 7-02, CLOSED CAT II, EXP bldg, not B, wind TC

 $2X4(A1) \equiv$ 52 R U=180 W=5.833" =78 PLF U=31 PLF W=18-1-0 9 -11-8 4 X 4 == .5X4 9-0-8 19 6-0 $3 \times 4 \equiv$ Over 3 Supports 1.5X4 III 10 - 2 - 0.5X4 Ⅲ .5X4 $4 \times 4 \equiv$ 9 -11-8 \overline{z} $2X4(A1) \equiv$ 51 U=180 W=5.834"



Aug 04

SPACING

24.0" 1.25

JREF-

LSZH487

Z01

DUR.FAC TOT.LD.

32.0

PSF

SEQN-

121265

0.0 2.0 PSF

PSF

HC-ENG

TCE/AF

STONAL ENGLISHMEN

Design Crit:

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

CENS

***** lo. 59687

*

TC DL

10.0 PSF

DATE REF

08/04/06

67692

DRW HCUSR487 06216080

TC LL

20.0 / = / R / -

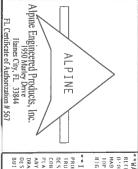
PSF

FL/-/4/-

Scale =.375"/Ft. R487--

BC DL BC LL

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP Refer to DNG PIGBACKA0405 or PIGBACKB0405 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED. In lieu of structural brace TC @ 24" OC, BC 268 Glenwood King Gray $2X4(A1) \equiv$ #2 Dense #2 Dense #3 panels or rigid ceiling use purlins to $@\ 24"\ 0C.$ 9 11-8 9-0-8 4 X 4 ≡ 3 X 4 ≡ 6-2-0 110 mph wind, 22.84 ft mean hgt, ASCE 7-02, CLOSED located within 4.50 ft from roof edge, CAT II, EXP DL=5.0 psf, wind BC DL=1.2 psf. Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50. 4 X 4 ≡ Ф -11-8 2X4(A1) = bidg, not B, wind TC 10



***WARNING** TRUSSES BEQUIBE EXTREME CARE IN GARDICALION, MANDIONG, SUPPRIO, INSTALLING AND BRACHIG.
REFER TO REST TO BE MELLING EXPONENT SAFEY INFORMATION; PURILSHER BY TPT (TRUSS FLATE INSTITUTE, SAS
D'ONOWINO DR., SHITE 200, MADISON, MI 53719) AND WICK (MOUR TRUSS COMBETLO, MATRICA, GAOD EMERPHISE LH,
MADISON, MI 53719) FOR SAFETY PRACTICES PRICED STRUCTURE, PROPERTY ATTACHED
DE CORRED SMALL HAVE PROPERTY ATTACHED STRUCTURA, PANELS AND BOTTOM CORRED SHALL HAVE A PROPERTY ATTACHED
TO THE STRUCTURE AND PROPERTY ATTACHED STRUCTURA, PANELS AND BOTTOM CORRED SHALL HAVE A PROPERTY ATTACHED
TO THE STRUCTURE AND PROPERTY ATTACHED STRUCTURA, PANELS AND BOTTOM CORRED SHALL HAVE A PROPERTY ATTACHED
TO THE STRUCTURE AND PROPERTY ATTACHED STRUCTURE. RIGIO CEILING.

Note: All Plates Are 1.5X4 Except As Shown.

Design Crit:

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

19-6-0 Over 3 Supports

ف

U=180 W=5.834"

 $R = \frac{1}{2}$

ف

U=180 W=5.833" R=74 PLF U=27 PLF W=18-1-0

PLT TYP.

Wave

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY TALLNE TO BRILLD HE PRODUCTS, INC. SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN. ANY FAILURE TO BRILLD HE PRUSES IN COMPORMACE ALIH PI;

OF FABRICALING, HADDE OF TRUSS SEED SEED SEED SHALL SHALL BE AND THE LOCALED OF THE SEED SEED SEED SHALL SHEET AND THE PLACE OF TRUSS AND THE CONNECTION FOR LATES ARE HADDE OF 20/18/16/1666 (M.H./S/K) ASIH AGAS GRADE 40/50 (M. K/M.S) GALV. STEEL APPLY PLATES TO LOCATED ON THIS DESIGN, POSITION OF RE DRAATHORS SHALL SHEET ANY HISTORICAL SHEET AND THE THIS COMPONENT HISTORICAL SHEET AND THE THIS COMPONENT HISTORICAL SHEET AND THE THISTORICAL SHEET AND THE THISTO

BUILDING DESIGNER PER ANSI/IPI 1 SEC

Aug 04 No.59 CENSE ORIOP. 90' * TC LL BC DL TC DL SPACING DUR.FAC. TOT.LD. FL/-/4/-32.0 20.0 10.0 PSF 24.0" 1.25 0.0 2.0 PSF PSF PSF PSF JREF-DATE REF SEQN-HC-ENG DRW HCUSR487 06216081 Scale =.375"/Ft.

TCE / AF

121268

1SZH4R7

201

R487--

67693

08/04/06

SPACING

24.0"

JRFF-

1SZH487 Z01

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

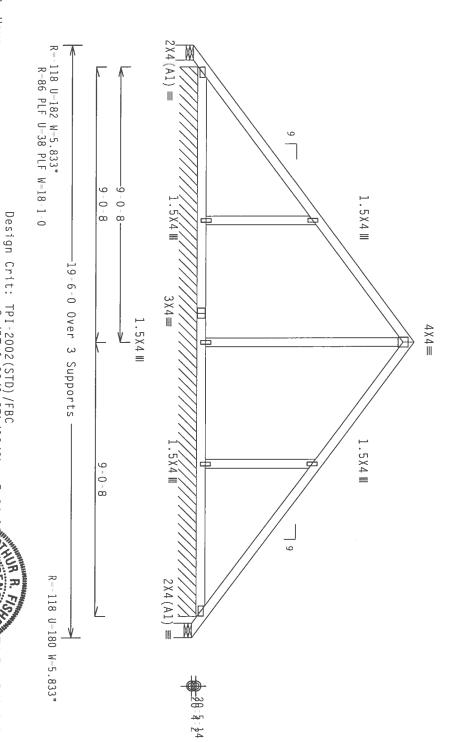
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.

110 mph wind, 24.00 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=1.2 psf.

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

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

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



2

 $\begin{array}{c} \text{Cq/RT=1.00(1.25)/10(0)} \\ \text{7.} \\ \text{**WARNING**} \text{ IRUSSES REQUIRE EXPLAYE CARE IN FARRESTION, MANDEING, SHIPPING, INSTALLING AND BRACING RETER TO BEST TO 3 (BUILDING COMPONENT SAFETY INFORMATION), MINISTRUCE BY THE TRIASE PLATE INSTITUTE, 503 posterior and state of America, 3000 ENTERPRISE LIMITATION. SHALLOWS RESERVED TO SAFETY PRACTICES PRIOR TO PERFORMENTS THAT THE PROPERTY ATTACKED TO THE SAFETY PROPERTY ATTACKED TO THE SAFETY ATTACKED TO SAFETY AND SAFETY ATTACKED TO SAFETY AND SAFETY ATTACKED TO SAFETY$

TYP.

Wave

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

ALPTHE ENGINEERD PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS OUSSIGN; ANY FAILURE TO BUILD THE RROUGES, INC. SHERMARCH ALITH IF!: OR FARRICALING, HANDLING, SHEPPHIG, INSTALLING & BRACJING THRUSSES, DESIGN COMPORES WITH APPLICABLE PROVISIONS OF MS (MATIONAL DESIGN SPEC, BY AFAPA) AND IP! APPLY PLATES ARE AND OT 720/18/166A (M. M/S/K) ASIM A653 GRADE 40/60 (M. K/M.S) GALV SIELL APPLY PLATES TO EACH OF TRUSS AND, UNICESS OTHERWISE COCATED ON THIS DESIGN, POSITION FOR DRAMINGS 166A-Z. ANY HISPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANNIX AS OT FIFTL 2002 SEC.3. A SEAL ON THIS DESIGN SHALLS ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPORATION OF THE DESIGN SHOWN. HE SHALL BY THE ANNIX AS OTHERWISE COMPORATION OF THE SHALL BY THE ANNIX AS OTHERWISE COMPORATION OF THE SHALL BY THE ANNIX AS OTHERWISE COMPORATION.

Alpine Engineered Products, Inc.

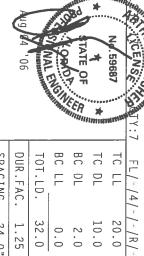
ALPINE

RIGIO CEILING

cate of / in # 567

BUILDING DESIGNER PER ANSI/IPI I SEC. 2.

ACTURE ENGINEERIO
FALLURE TO BLILD THE
BRACHEG OF FRINSES.
AND FEL. AIPHEY
AVE STEEL, APPLY
PER BRACHIGS 160A-Z.
A SEAL ON THIS.
A SEAL ON THIS.
A SEAL ON THIS.
ESPONSIBILITY OF THE



SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL
24.0"	1.25	32.0 PSF	0.0 PSF	2.0 PSF	10.0 PSF	20.0 PSF
JRFF- 1SZH487 Z01		SEQN- 121274	HC-ENG TCE/AF	DRW HCUSR487 06216083	DATE 08/04/06	REF R487 67695

Scale = .3125"/Ft.

End Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is $1.50\,\mathrm{.}$ #1 hip supports 7-0-0 jacks with no webs. (B) 2x6 SP #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" OC. Alpine Engineered Products, Inc. (6-268--Glenwood King Gray verticals not exposed to wind pressure. TYP. Cate of A n # 567 ALPINE Wave 4 X 4 (R) Ⅲ 1.5X4 Ⅲ R=1605 U=180 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FALLURE TO BUILD THE PRODUCTS, THE. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FALLURE TO BUILD THE RUSS IN CONFORMANCE WITH FPT.

OF FARRICATION, HAD BUILD. INSTALLING A BRACING OF BUSSES, DESIGN CONFORMS WITH APPLICABLE PROPYISIONS OF THIS SENTENCE OF A KARPA AND TPT.

DESIGN CONFORMS WITH APPLICABLE PROPYISIONS OF THIS SENTENCE OF A KARPA AND TPT.

APPLICABLES TO EACH FACE OF TRUSS AND. UNICES OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS IGAA Z

ANY INSPECTION OF PLATES FOLLOWED BY (1) SMALL BE PER ANNEX A OF TPT1 2002 SEC. 3.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SMALL BE PER ANNEX A OF TPT1 2002 SEC. 3.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SMALL BE PER ANNEX A OF TPT1 2002 SEC. 3.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SMALL BE PER ANNEX A OF TPT1 2002 SEC. 3.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SMALL BE PER ANNEX A OF TPT1 2002 SEC. 3.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SMALL BE PER ANNEX A OF TPT1 2002 SEC. 3.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SMALL BE PER ANNEX A OF TPT1 2002 SEC. 3.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SMALL BE PER ANNEX A OF TPT1 2002 SEC. 3.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SMALL BE PER ANNEX A OF TPT1 2002 SEC. 3.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SMALL BE PER ANNEX A OF TPT1 2002 SEC. 3.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SMALL BE PER ANNEX A OF TPT1 2002 SEC. 3.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SMALL BE PER ANNEX A OF TPT1 2002 SEC. 3.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SMALL BE PER ANNEX A OF TPT1 2002 SEC. 3.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SMALL BE PER ANNEX A OF TPT1 2002 SEC. 3.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SMALL BY PER ANNEX A OF TPT1 2002 SEC. 3.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SMALL BY PER ANNEX A OF TPT1 2002 SEC. 3.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SMALL BY PER ANNEX A OF TPT1 2002 SEC. 3.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SMALL BY PER ***HARNING** RUISES RIQUIRE (TREME CARE IN FABRICATION, IMADILIO, SHIPPIDE, INSTALLIDE AND BRACING, PERFORMENT SAFETY INFORMATION, PUBLISHED BY IP! (TRUSS PLATE INSTITUTE, 593) O'OHOFRIO DR., SUITE ZOO, MADISON, HI SIZIPS) AND WICK, (DOOD TRUSS COUNCIL OF ATHEREA, SOOG ENTERPRISE LUI, MADISON, HI SIZIPS) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERNISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARIES AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. ANY HISPECTION OF PLATES FOLLOHD BY (1) SHALL RE PER ANNEX A 30 FIPI 2002 SEC. 3. A SEAL ON HISS DRAWNED HOUGHES ACCEPTANCE OF PROFESSIONAL FROMERENING RESPONSIBILITY SOLELY FOR HE RRUSS COMPONENT DESIGN SHOWN. THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE $\widehat{\mathbb{A}}$ 3×7/ * Design Crit: 3 X 4≡ 5 X 6≡ 20-3-0 Over TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0) $3 \times 4 =$ N Supports 1.5X4 III 4 X 8 ≡ 3-3-0 Left side jacks have 7-0-0 setback with 0-0-0 cant overhang. End jacks have 7-0-0 setback with 0-0-0 coverhang. Right side jacks have 0-0-0 setback with 110 mph wind, 15.22 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. 0-0-0 overhang. In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24 $^{\circ}$ OC, BC @ 24 $^{\circ}$ OC. (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. 4X6(R) || 3 \ 5 == Ξ 0.5968 R=1881 U=180 2.5X8(R) W (B) * 3 X 4 III BC DL BC LL TC LL TC DL TOT.LD. DUR.FAC. FL/-/4/-/-/R/cant and 1-6-0 -0-0 cant and 1-6-0 with 0-0-0 cant and 40.0 20.0 1.25 10.0 PSF 10.0 PSF 0.0 PSF 10 PSF PSF SEQN-DATE REF HC-ENG DRW HCUSR487 06216001 Scale = .3125"/Ft R487-TCE/AF 08/04/06 120555 67696

BUILDING DESIGNER PER ANSI/IPI 1 SEC.

SPACING

SFF

ABOVE

JRFF-

1SZH4R7

Z01

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

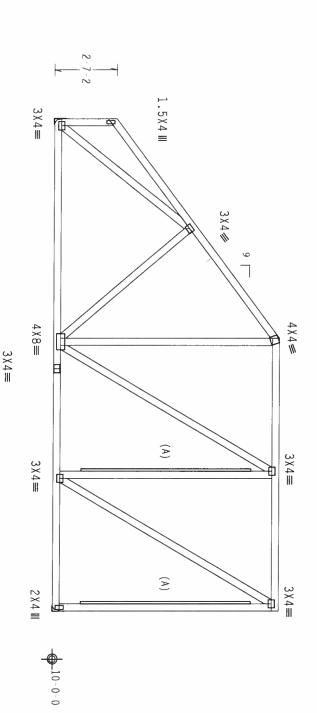
End verticals not exposed to wind pressure.

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

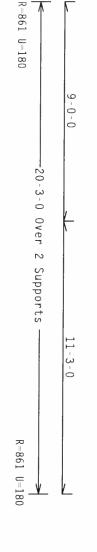
110 mph wind, 15.97 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(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" OC.

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



Ż



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACHING, RETER TO BEST 1 03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY 1PH CHRUSS PLAIE INSTITUTE, 583 D'ONOFELO DR., SUITE 700, MADISON, HI 53719) AND NICA (MODO TRUSS COUNCIL OF ANHICA, GJOO ENTERPRISE LIA, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNILESS OTHER HES INDICATED. TO PERFORMENT THESE TUNCTIONS. UNILESS OTHER HESE TUNCTIONS. Design Crit: TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0)

CENS

PLT

TYP.

Wave

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE THISTALLATION CONTRACTOR. ANY TALLINE TO BUILD HE PRODUCTS. THE. SHALL HOT BE RESPONSIBLE FOR ANY DELYALIDAN FROM THIS DESIGN: ANY TALLINE TO BUILD HE RESSEL OF THE PROPERTY OF THE PROPERT

Alpine Engineered Products, Inc.

ALPINE

RIGID CEILING.

Cate of A n # 567

SPACING

24.0"

JRFF-

1SZH487 Z01

0TY:1	FL/-/4/-/-/R/-	/-/R/-	Scale = .25"/Ft.
HITTEN .	TC LL	20.0 PSF	REF R487 67697
# mun	TC DL	10.0 PSF	DATE 08/04/06
VIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	BC DL	10.0 PSF	DRW HCUSR487 06216002
	BC LL	0.0 PSF	HC-ENG TCE/AF
	TOT.LD.	40.0 PSF	SEQN- 120560
	DUR.FAC.	1.25	

(6-268--Glenwood King Gray

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

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

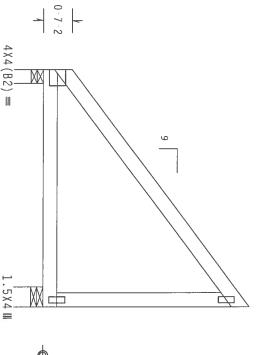
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is $1.50\,.$

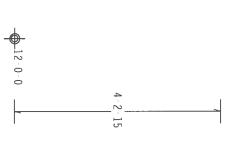
1.5X4 III

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

Right end vertical not exposed to wind pressure.

Hipjack supports 3-5-5 setback jacks with no webs





=81 U=180 W=3.5" -4-10-7 Over 2 Supports R=160 U=180 W=4.95"

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

ΤYΡ.

Wave

RIGID CEILING

IMPORTANTrunnish a copy of this design to the installation contractor.

ALP THE CONTRACTOR.

ANY FAILURE TO BUILD HE PRODUCTS. THE CONTRACTOR ANY FAILURE TO BUILD HE RESIDES IN COMPONANCE WITH PIT.

BUSS IN COMPONANCE WITH PIT.

BUSS IN COMPONANCE WITH PIT.

BUSS IN COMPONANCE WITH APPLICABLE PROPYSIONS OF MDS (MAIDONAL DESIGN SPEC, BY AREA) AND FIT.

ALP HE CONTROL OF THE SAFE HADE OF 20/18/16/CA (H.H.Y.S.Y.) ASIM AGES GAADE 40/60 (H. K.Y.H.S.) GALV. STEEL. APPLY LATES TO EACH FACE OF THE SAFE, MN. HULLSS OTHERWISE LOCATED ON HIS DESIGN, POSITION FER DRAWHIGS 16/0A 2.

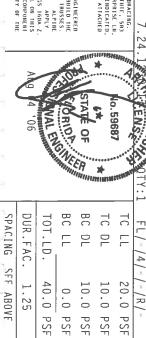
ALP HISPECTION OF FALLS FOLLOWED BY (1) SMALE BE FER ANKER AS OF FITE) 2002 SEC.3.

AS SAFE OF THE FORE OF THE SAFE OF TH DESIGN SHOWN. THE SUITABILITY AND USE BUILDING DESIGNER PER ANSI/1PI 1 SEC. 2. VHA BRITCHE RESPONSIBILITY OF

Alpine Engineered Products, Inc.

. 33844 'n#567

ALPINE



SFF 1.25 40.0 10.0 PSF 10.0 PSF 0.0 ABOVE PSF PSF JREF -SEQN-DATE HC-ENG TCE/AF DRW HCUSR487 06216084 1SZH487 08/04/06 121371

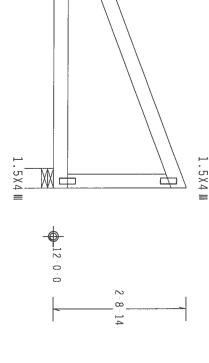
Z01

REF

R487--- 67698

Scale = .5"/Ft.

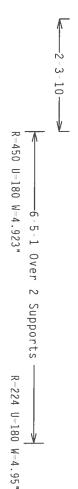
Top Bot In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC. (6-268--Glenwood King Gray chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED located within 4.50 ft from roof edge, CAT II, EXP DL=5.0 psf, wind BC DL=5.0 psf. Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50. Right end vertical not exposed to wind pressure. bldg, not B, wind TC



2X4(A'1) =

My

4.5



WARNING IRUSSIS REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING.
RETER TO BEST 1-03 (BUILDING COMPOUNT SACTEY INFORMATION), PHISTISHED BY FPI (RAUSS PLAIE INSTITUTE, 583 D'ONOFRIO DE. SUITE ZOD. MADISON, HI 53719) AND MICA (MODO BRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE UN. MADISON, HI 53719) FOR SAFITY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. MULESS DIMERMISE INDICATION FOR COMPANY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. MULESS DIMERMISE INDICATION FOR COMPONING THE PROPERTY ATTACHED REGIO CELLING. TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

Design Crit:

PLT

TYP.

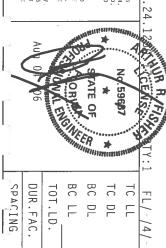
Wave

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

AND THE FRIGHTERED PRODUCTS, INC. SMALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY LALURE TO BUILD THE PRODUCTS, INC. SMALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. BY LALURE TO BUILD THE RUSS IN CONTRACHANCE WITH THE THE PROPERTY OF THE PROPER BUILDING DESIGNER PER ANSI/IPI I SEC. RESPONSIBILITY OF

Alpine Engineered Products, Inc. 1950 Marley Drive Hames City, FL 33844 cate of A n # \$67

ALPINE



10.0

PSF PSF

DATE REF

08/04/06

67699

10.0 PSF 0.0

PSF PSF

SEQN-

118560

HC=ENG TCE/AF DRW HCUSR487 06216085

24.0" 1.25 40.0

JRFF

1SZH4R7

201

/-/R/-

Scale = .5"/Ft. R487--

20.0

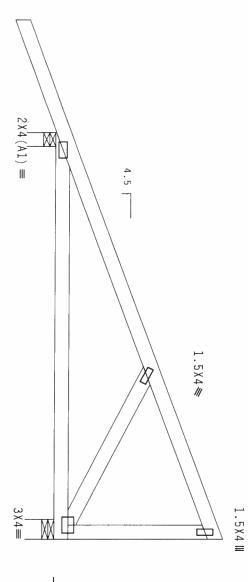
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3

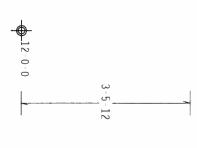
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.

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 $1.50\,\mathrm{cm}$







2

Supports

R=314 U=180 W=4.95"

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

PLT

TYP.

MARNING IRUSSES REQUIRE EXTREME CARE IN FARRICATION, INABELING, SHIPPING, INSTALLING AND BRACHIG, RETER TO BEST I O3 (BUILDING COMPOUNT SACTIV INFORMATION), PHREISHED BY TET (TRUSS PLATE INSTITUTE, 583 D'OMBERLO DR. SUITI ZOO, AMOISON, NI 53719) AND MICA (MODO TRUSS COUNCIL OF AMERICA, GADO GENTRERRISE IN HADISON, NI 53719) FOR SALELY PRACTICES PRIOR 10 PERFORMING THESE FUNCTIONS, UNITES STUERMISE, UNDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORN SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORN SHALL HAVE A PROPERLY ATTACHED.

IMPORTANTTURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE PRODUCTS. INC. SHALL HOT BE RESPONSIBLE FOR ANY DETAILOR FROM THIS DESIGN: ANY FAILURE TO BUILD THE ROSS IN COMPORANCE WITH PEL.

OF SHEED OF THE PELCABLE PROVISIONS OF HOS (MATIONAL DESIGN SPEC, BY AFRA) AND TEL.

CONNECTION PALATES ARE AND OF ZOTAPLIFOCA (MATICAL) ASTA DESIGN SPEC, BY AFRA) AND TEL.

APPLY TAATES TO EACH FACE OF TRUSS AND. HURESS OTHERWISE DOCATED ON THIS DESIGN, POSITION FOR DRAWLINGS 160A Z.

ANY INSPECTION OF PLATES OFLOWED BY (1) SHALL BE FER ANKEX A) OF THIS DOCS SEC 2.

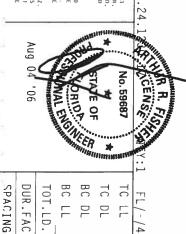
ASSAULT OF PROFESSIONAL ENGINEERING SPECIAL OFFICE OF THE TRUSS COMPONENT DESIGN SHOWN.

THE SUITABLETTED AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUSINGS BESIGNER.

BUILDING DESIGNER PER ANSI/PP 1 SEC 2.

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

ALPINE



tL/-/4/-	-/4/-/-/R/-	Scale =.5"/Ft.
TC LL	20.0 PSF	REF R487 67700
TC DL	10.0 PSF	DATE 08/04/06
BC DL	10.0 PSF	DRW HCUSR487 06216086
BC LL	0.0 PSF	HC-ENG TCE/AF
TOT.LD.	40.0 PSF	SEQN- 121377
DUR.FAC.	1.25	

24.0"

JREF-

1SZH487

201

(6-268--Glenwood King Gray 54)

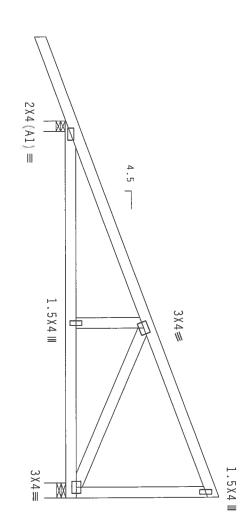
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3

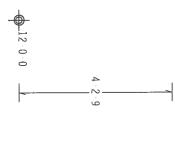
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24 $^{\circ}$ OC, BC @ 24 $^{\circ}$ OC.

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.







597 U=180 W=3.474" -10-4-3 Over 2 Supports R=396 U=180 W=4.95"

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

PLT TYP. Wave

***MARNING** IRUSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACHIG. REFLER TO REST) TO 3 (MULDING COMPOUNT SAFETY INFORMATION), PUBLISHED BY THE (FIRES PAIR INSTITUTE, SM3 DENORTHOURS, SHITE ZOO, MANISON, HI 53719) AND HEA (MOOD BRISE COUNCIL OF AFERICA, 6300 ENTERPRISE IN, HADISON, HI 53719) IN SAFETY PRACHICLES PRIOR TO PREPORTED HIS FUNCTIONS, SHITES OTHERWISE INDICATED, THE COMPOUNT OF THE PROPERTY ATTACHED STRUCTURAL PARIES AND BOTTON CHORD SHALL HAVE A PROPERTY ATTACHED. RIGIO CELLING

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

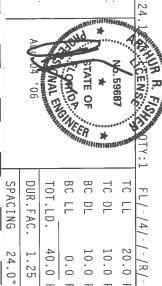
**PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN:

RUSS IN COMPORANCE WITH PET.

R

Alpine Engineered Products, Inc. Trace of A n # 567

ALPINE



ĺ			BARRI	SR Vann	* Himit	HMAK	0TY:1
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL	FL/-/4/-/-/R/-
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF	-/-/R/-
JREF - 1SZH487_Z01		SEQN- 121382	HC-ENG TCE/AF	DRW HCUSR487 06216087	DATE 08/04/06	REF R487 67701	Scale = .375"/Ft.

55)

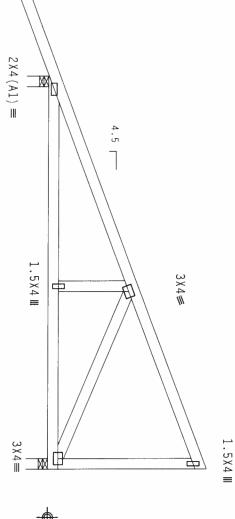
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3

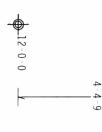
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.

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.







WARNING IRUSSES REQUIRE EXTREME CARE IN FARRICATION. MANDING. SHIPPING. INSTALLING AND BRACING RETER TO BEST 1 03 (BUILDING COMPONENT SAFTY INFORMATION), PUBLISHED BY IPI (RUSS PLAIT INSTITUTE, 583 b'OHOFRID BA. SHITE ZOD, MADISON, HI 53719) AND HIGK (MODO BRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE IN, MADISON, HI 53719) FOR SAFTY PRACTICES PRIOR TO PERFORMING THESE TUNCTIONS. UNITS OTHERWISE INDICATED. TOP CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED REGION CELLING. TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0)

Design Crit:

TYP.

Wave

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY INTERESTINGED PRODUCTS, INC. SHALL NOT DE RESPONSIBLE FOR ANY DEVIATION ARM THIS DESIGN. ANY INTURE TO BRITTO THE TRUSS IN CONFORMACE WITH PIE.

FROMETS IN CONFORMACE WITH PIE.

FOR FABRICATHIG, HANDLING, SHEPPING, INSTALLED, A REACHE OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF DUS (MATIONAL DESIGN SPEC, BY AREA), AND IPI.

CONNECTION PAIRS AND PIECABLE PROVISIONS OF DUS (MATIONAL DESIGN SPEC, BY AREA), AND IPI.

CONNECTION PAIRS AND PIECABLE PROVISIONS OF DUS (MATIONAL DOS BRADE APPLY)

PLATES TO EACH FACE OF TRUSS AND, BHILESS OTHERWISE EXCALED ON THIS DESIGN, POSITION PER DRAWLINGS 190A Z.

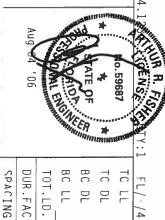
ANY HASPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ARMED AS OF IPI1 200Z SEC. 3.

A SEAL ON THIS BRAHING INDICALES ACCUPANCE IN THE STATE OF THE TRUSS COMPONENT OF THE PROVISIONAL THE RESPONSIBILITY FOR THE RESPONSIBILITY OF THE DESIGN SHOWN. THE SUITABILITY AND USE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

ALPINE





BC LL 0.0 PSF HC-ENG TCE/AF	BC DL 10.0 PSF DRW HCUSR487 06216088	TC DL 10.0 PSF DATE	TC LL 20.0 PSF REF R487 67702	TY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.
E/AF	87 06216088	08/04/06	67702	375"/Ft.

24.0"

18ZH187 701

SPACING

24.0"

JRFF-

SZHAR7

701

Top chord 2x4 SP / Bot chord 2x6 SP / Webs 2x4 SP / Alpine Engineered Products, Inc. 1950 Marley Drive Hames City, FL 33844
FL Centificate of Authorization # 567 110 mph wind, 15.00 ft mean hgt, ASCE 7–02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. 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. 268 Glenwood King Gray TYP. ALPINE Wave #2 Dense #1 Dense #3 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

APPEAR OF THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE TOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE RUSS IN COMPORANCE WITH THE PRODUCTION OF THE PRODUCTIO RIGIO CEILING. -2-3-10-\$7G) SUTTABILITY AND USE OF THIS COMPONENT FOR Design Crit: $2X4(A1) \equiv$ R=1078 U=180 W=3.474" MTPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0) 4.5 IS THE RESPONSIBILITY OF -4-14 Over 2 Supports Right end vertical not exposed to wind pressure. SPECIAL LOADS Provide connection for concentrated load(s) shown. From 61 PLF at -2.30 t From 4 PLF at -2.30 t From 20 PLF at 0.00 t From 20 PLF at 0.00 t 379 LB Conc. Load at 1 297 LB Conc. Load at 4 3 X 4 Ⅲ 3×4 ≢ 61 PLF at -2.30 to 4 PLF at -2.30 to 20 PLF at 0.00 to * / PLATE DUR.FAC.=1.25)
to 61 PLF at 9.41
to 4 PLF at 0.00
to 20 PLF at 9.41 1.72 4.55 7.38 R=730 U=180 W=4.95* BC DL TC DL DUR.FAC. TC LL TOT.LD. 3 X 4 ≡ 1.5X4 FL/-/4/-/-/R/- Φ 1.25 40.0 PSF 10.0 PSF 10.0 PSF 20.0 PSF 0.0 PSF 3 - 10 - 5DATE REF SEQN-HC-ENG DRW HCUSR487 06216090 Scale =.5"/Ft. R487--TCE / AF 118598 08/04/06 67704

BUILDING DESIGNER PER ANSI/IPI 1 SEC.

SPACING

24.0"

JRFF-

1SZH487 Z01

(6-268--Glenwood King Gray (85

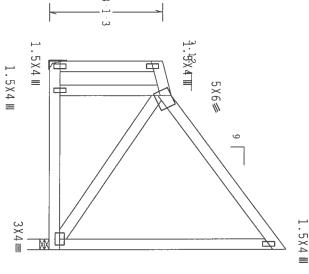
Bot p chord 2x4 SP / t chord 2x4 SP / Webs 2x4 SP / #2 Dense #2 Dense #3

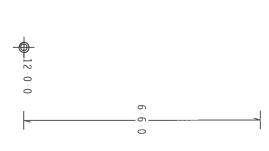
End verticals not exposed to wind pressure.

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

110 mph wind, 16.80 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

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





-11 N ά

R=215 U=180 <-5-1-14 Over \sim Supports > R=219 U=180 W=3.5"

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

PLT

TYP.

Wave

RIGIO CEILING.

IMPORTANTFIRMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED PRODUCTS, INC. SHALL HOT BE RESPONSIBLE FOR ANY DEFIVATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE ROUSES IN CONTRACTOR THE PRODUCTS IN CONTRACTOR THIS PRODUCT OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROPVISIONS OF HUS (INTIONAL DESIGN SPEC, MY FARMA) AND PEL. APPLY CONTRECTOR PLAIRS ARE HANGE OF 70/189/160A (M-H/S/EV) ASTH MASS GRADE 40/50 (M-K/M-S) AAV, STEEL, APPLY PLAIRS TO LACH FACE OF TRUSS AND, HULLSS OFFERNIS LOCATED ON HUS OFSIGN, POSSITION PLE BRANINGS 100A Z. ANY HISSECTION OF PLAIRS TO CLOUDED BY (1) SHALL BE FER ABBLY AS OF PELI-2003 SEC.3. A SEAL ON HIMS DESIGN OF PLAIRS TO CLOUD OF PLAIRS SHALL BY (1) SHALL BE FER ABBLY AS OF PELI-2003 SEC.3. A SEAL ON HIMS DESIGN OF PLAIRS TO CLOUD OF PLAIRS SHALL BY (1) SHALL BE FER ABBLY AS OF PELI-2003 SEC.3. A SEAL ON HIMS DESIGN OF PLAIRS SHALL BY (1) SHALL BE FER ABBLY AS OF PELI-2003 SEC.3. A SEAL ON HIMS DESIGN OF PELI-2003 SEC.3. DESIGN SHOWN. THE SUITABILITY AND USE BUILDING DESIGNER PER ANSI/IPI 1 SEC. 2. OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF

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

ALPINE



SPACING DUR.FAC. TOT.LD. P PL 40.0 20.0 24.0" 1.25 10.0 PSF 10.0 PSF 0.0 PSF PSF PSF REF JRFF-DATE SEQN-DRW HCUSR487 06216091 HC-ENG R487-- 67705 1SZH4R7 TCE / AF 08/04/06 118591

201

Scale = .375"/Ft.

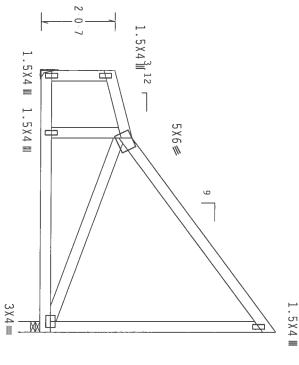
Bot chord 2x4 SP Webs 2x4 SP #2 Dense #2 Dense #3

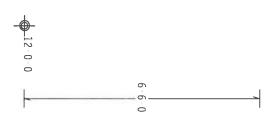
€nd verticals not exposed to wind pressure

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

110 mph wind, 16.27 ft mean hgt, located within 4.50 ft from roof DL=5.0 psf, wind BC DL=5.0 psf. ASCE 7-02, CLOSED bldg, not edge, CAT II, EXP B, wind TC

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







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

PLT

TYP.

Wave

WARNING IRUSSES REQUIRE EXTREME CARE IN FABRICATION, MANDELING, SHIPPING, INSTALLING AND BRACHING, BETTR TO BEST 1-03 (MULDING COMPONENT SAFETY INFORMATION), PUBLISHED BY 1PH CHRUSS PLATE INSTITUTE, 583 D'ONDERRO BR., SUITE 700, HADISON, HI 52719) AND NICA (MODD TRUSS COUNCIL OF AMERICA, GOOD ENTERPRISE LIM, HADISON, HI 52719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNICES OTHER HISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

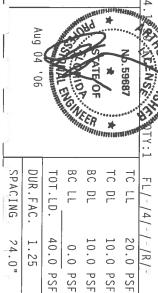
ALPTHE ENGINEERD PRODUCTS, THE. SHALL NOT BE RESPONSIBLE FOR ANY DELIVATION FROM THIS DESIGN. ANY FALLURE TO BUILD THE TRUSS IN CONTRACTOR.

BY ALLEY OF THIS PRODUCT OF THE SHALL NOT BE ANY DESIGN. THE SHALL NOT BEACH OF THIS PECCONNECT OF THE SHALL PROVISIONS OF THIS CONTRACT SHALL PROPERLY AND THE APPLICABLE PROVISIONS OF THIS CONTRACT SHALL SHEEL. APPLY CONTRACTOR THIS SHEEL FROM THIS PROVISION OF THIS PRODUCT OF THIS SHALL OF THIS PROVISION OF THIS PRODUCT OF THIS PRODUCT OF THIS PRODUCT OF THIS PROVISION OF THIS PRODUCT OF THIS PRODUCT OF THIS PROVISION OF THIS PRODUCT OF THE SHALL SH BUILDING OLSIGNER PER ANSI/TPI 1 SEC. 2.

Alpine Engineered Products, Inc.

ALPINE

Haines City, FL 33844
FL Certificate of Authorization # 567



PSF

HC-ENG

TCE/AF 118586

DRW HCUSR487 06216092

PSF

SEQN-

PSF

DATE REF

08/04/06

PSF

R487 -- 67706

Scale

=.375"/Ft.

24.0" 1.25 JREF-1 SZH487 201

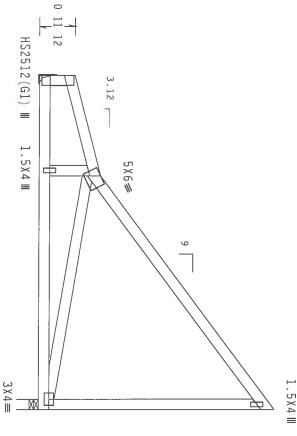
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 :Lt Stubbed Wedge 2x6 SP #2:

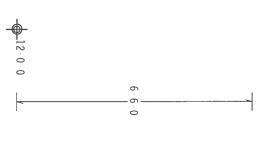
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

110 mph wind, 15.74 ft mean hgt, ASCE 7-02, CLOSED located within 4.50 ft from roof edge, CAT II, EXP DL=5.0 psf, wind BC DL=5.0 psf. bldg, not B, wind TC

Right end vertical not exposed to wind pressure.

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)

ΤYΡ.

20

Gauge HS,

,₩ave

WARNING TRUSSES BEQUIRE EXTREME CARE IN FABRICATION, INAUDITIO, SHIPPING, INSTALLING AND BRACING REFER TO BOX 1 - 03, QUILDING COMPONENT SAFTLY INFORMATION), PHRISTED BY TP (TRUSS PLATE HISTITURE, 583) D'ONOFRIO DR., SHITE ZOO, MADISON, MI 53719) AND WICA (MOOD TRUSS COUNCIL OF AMERICA, 6300 EMERPRISELM, MADISON, MI 53719) FOR SAFELY PRACTICES PRIOR TO PERFORMING INJECT FUNCTIONS. MILESS OFMERSHIST INJECATED, TOP CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARKLES AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGIO CEILING.

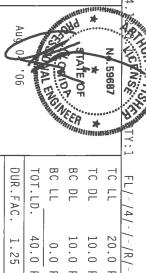
IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE THISTALLATION CONTRACTOR.

ALP HE ENGLHERED PRODUCTS, HEC. SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN: ANY FALLURE TO BUILD HE RUSSES IN COMPORANCE WITH PIT:

OR FARRICATHO, HAD BEEN FROM THIS DESIGN STORM TO THE THISTESS OF THE STATE OF DESIGN SHOWN. THE SULFABILITY AND USE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

ALPINE



OF SUBTY: 1	FL/-/4/-/-/R/-	/-/R/-	Scale =.375"/Ft.
687	IC LL	20.0 PSF	REF R487 67707
**************************************	TC DL	10.0 PSF	DATE 08/04/06
EER	BC DL	10.0 PSF	DRW HCUSR487 06216093
ENGL	BC LL	0.0 PSF	HC-ENG TCE/AF
BITTHERE	TOT.LD.	40.0 PSF	SEQN- 118581
)6	DUR.FAC.	1.25	
	SPACING	24.0"	JREF- 1.SZH487 Z01

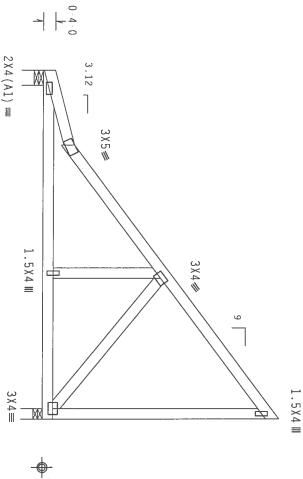
Top chord 2x4 SP / Bot chord 2x4 SP / Webs 2x4 SP / #2 Dense #2 Dense #3

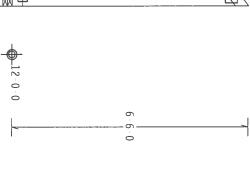
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.

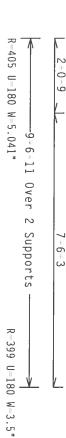
110 mph wind, 15.42 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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.







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

TYP.

Wave

WARNUMG PRISSES HIGHER EXPERE CARE IN FARRICATION, MANDLING, SHIPPING, INSTALLING AND BRACING, RETER TO BEST TO S (BUILDING COMPORED IS ACTIVE INSTALLING THE STATE INSTITUTE, SB3 D'ONOFRIO BR. SUITE ZOD, MADISON, HI 53719) AND MICA (MODO TRUSS COUNCIL OF MARICA, 6300 ENTERPRISE LI, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNITES OTHERWISE INDICATED. TOP CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANCES AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CELLING.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE THISTALLATION CONTRACTOR.

ALPTHE FINGLING RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE FROMETS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE FROMETS IN COMPROMENTE HITH PIE:

OF FABRICATION, MAD THE STATE AND THE PIECABLE PROVISIONS OF UNDS. (MATIONAL DESIGN SPEC. BY AFRA) AND IDI.

OFFICIAL FACT OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN. POSTITION PER DRAWHIGS 160A Z.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ABRIER AS OT IPIT 2002 SEC. 3.

A SLAL ON THIS DRAWHIGE TO PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE THAS COMPONENT DESIGN. THE STATE AS CREATED BY (1) SHALL BE THE ABRIER AS OF IPIT 2002 SEC. 3.

BRANIBG INDICATES ACCEPTAINEE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE THAS COMPONENT DESIGN SHOWN.

THE SHIPMAN AND THE SHITABILITY AND USE OF THIS COMPONENT OR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGN SHOWN. THE SUITABILITY AND USI BUILDING DESIGNER PER ANSI/TP1 1 SEC. 2

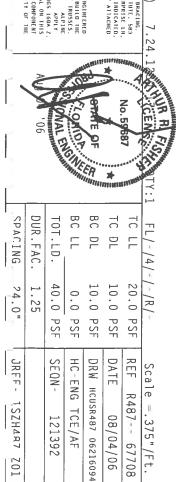
Alpine Engineered Products, Inc. 1950 Marley Drive Hames City, FL 33844
FL Certificate of Authorization # 567

ALPINE



1 SZH4R7

201



R487-- 67708

08/04/06

TCE/AF

121392

6

Top chord 2x4 SP / Bot chord 2x4 SP / Webs 2x4 SP / #2 Dense #2 Dense #3 :M1, M13 2x4 SP

#2 Dense:

End verticals not exposed to wind pressure

See DWGS A11030EE0405 & GBLLETIN0405 for more requirements.

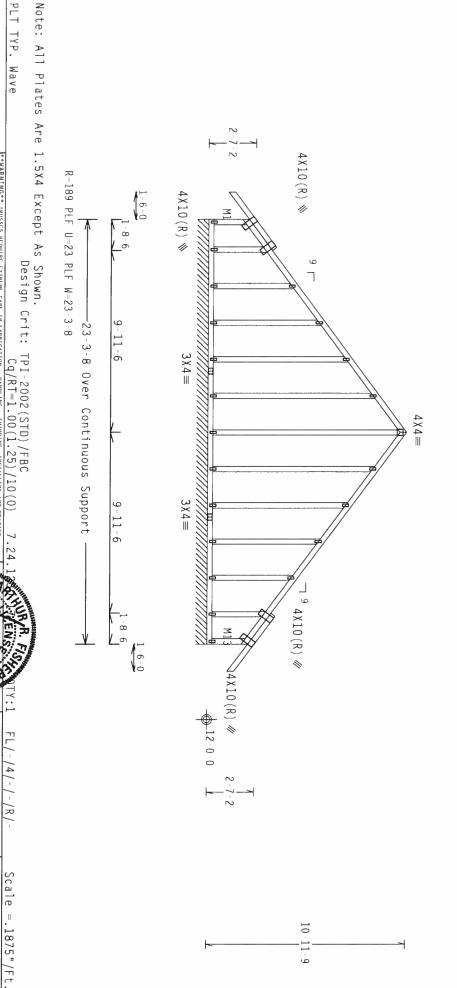
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 18.22 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.

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.

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

Fasten rated sheathing to one face of this frame



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

BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2

ALPINE

RIGID CEILING

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALTHE ENGINEERED PRODUCTS, IRC. SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FATURE TO BUILD THE RUSS IN CONFORMACE ALTH PET.

OESIGN STORMACE AND AND THE ANT AND AND THE AND THE AND AND THE AND AND THE AND

***MARNING** PRISES REQUIEE EXTRIM CARE IN FARDEATION, IMMUNICA, SHEPTIG, INSTALLING AND BRACHE.

RIFER TO BEST I DIS (BELIGHE COMPONING SKETEY INCHENATION), PRINCIPLED BY TEL (REMSE PLATE INSTITUTE, SAN
DESCRIPTION OF SHIP (200, MADISA), ME 3579 AND RICA (MODO TRIES COUNCIL OF MARKEA, 6350 ENTERHISE LN.
HADISOND, MISSTOFF OR SKETTY PRACTICES PRIVATE OF PRIVARHIG THESE TRUCTIONS UNICES OTHERWISE INDICATED.

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

0.59687

20.0

PSF

REF

R487--

67709

DATE

08/04/06

BC LL BC DL TC DL TC LL

0.0 PSF

HC-ENG

TCE/AF 118615

10.0 PSF 10.0 PSF

DRW HCUSR487 06216095

40.0

PSF

SEQN-

REV

Shijyds DUR.FAC. TOT.LD.

SFF ABOVE

JRFF-

1SZH487

Z01

1.25

Alpine Engineered Products, Inc. 1950 Marley Drive Hames City, FL 33844 Top chord 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. End verticals exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings. Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50. Note: All Plates Are 1.5X4 Except As Shown. 6 Member to be laterally braced Bracing system to be designed and furnished by others. -268 - Glenwood King Gray chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3 :M1, M7 TYP. ALPINE Wave **IMPORTANT**TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

APPIRE ENGINEER: TO ACCUSE A SERVICE OF PROPERTY OF THE ENGINEER OF SHIP IN THE STALLATION. ANY FALLER TO BUILD THE RRODGES. IN CONTRACAGE WITH THE PROPERTY OF THE RESSES IN CONTRACAGE WITH THE PROPERTY OF THE RIGID CETLING BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. 2x4 SP **€**1-6-0 ¥ for horizontal wind loads #2 Dense 4X10(R) W 3 × 2.5X6 SUITABILITY AND USE OF ·GE) 10-13 641 3X4/ Design Crit: PLF U = 146ALL BE PER ANHEX AS OF FPIL 2002 SEC.3. A SEAL ON HIS AL ENGINEERING RESPONSIBILITY SOLELY FOR THE ERUSS COMPONENT THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE PLF W=1-6-0 TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) ဌာ 10-8-0 Over ىل $4 \times 4 \equiv$ N Supports supporting shear walls. Shear wall lateral restraint to the gable end. designed by the Building Designer. 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 In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C. Calculated horizontal deflection is 0.17" 0.14" due to dead load. DL-5.0 psf. 110 mph wind, 15.85 ft mean hgt, ASCE anywhere in roof, CAT II, EXP B, wind Fasten rated sheathing to one face of this frame See DWGS All030EE0405 & GBLLETIN0405 for more requirements Ġ 641 F F WHUR R. F. 3X4// U=146 PLF W=1 0,-10-13 CENSE M 7 2.5X6 III No. 59687 ATE OF 4X10(R) **▲**1-6-0 **▼** 9 * BC DL TC DL TC LL SPACING DUR.FAC TOT.LD. FL/-/4/-/-/R/-All connections to be 7-02, CLOSED bldg, Located TC DL=5.0 psf, wind BC due to SEE 40.0 10.0 PSF 10.0 PSF 20.0 PSF 1.25 0.0 ABOVE live load and 2 PSF PSF JREF-DATE REF SEQN-HC-ENG DRW HCUSR487 06216096 Scale = .375"/Ft. R487--1SZH487 TCE/AF 08/04/06 121542 6 67710 12 Z01

(o-zoo--wienwood king wray 21-GE)

Bot. chord chord 2x4 SP chord 2x4 SP Webs 2x4 SP #2 Dense #2 Dense #3 :M1, M5 2x4 SP

End verticals exposed to wind pressure. Deflection meets $L/240\,$ criteria for brittle and flexible wall coverings. #2 Dense:

See DWGS All015EE0405 & GBLLETIN0405 for more requirements

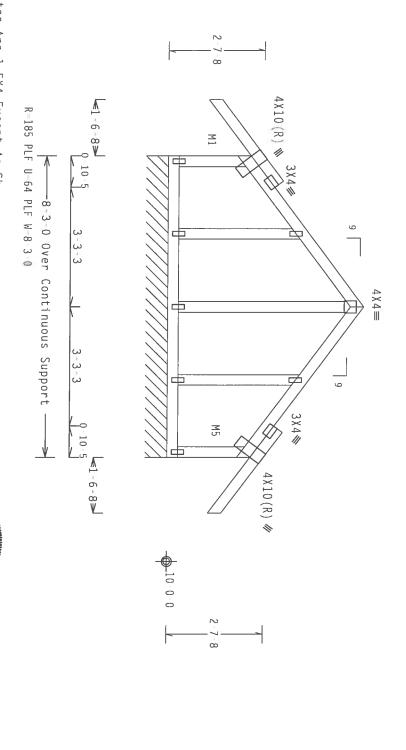
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is $1.50\,\mathrm{cm}$

anywhere in roof, CAT II, DL=5.0 psf. 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

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

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

Fasten rated sheathing to one face of this frame



5

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 TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, RETER TO BEST I O3 (BULLDING COMPONENT SAFLEY INFORMATION), PUBLISHING BY THE (TRUSS PLATE INSTITUTE, 583 D'ONDERTO DA., SUITE 700, HADISON, HI 53719) AND WICK (MOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRET INDICATED, HADISON, HI 53719) FOR SALLY PRACTICES PROBE TO PLETGRAND FINES FUNCTIONS. UNLESS OTHERATES TIDICATED, TOP CHORD SHALL HAVE A PROPERTY ATTACHED RIGID CEILING.

IMPORTANTTURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FALLINE TO BRILD THE PRODUCTS. THE. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN. ANY FALLINE TO BRILD THE TRUSK IN COMPRENANCE WITH THE TOTAL OF FARE THE FOR THE TRUSK IN COMPRENANCE WITH THE THE TRUSK OF THE T DESIGN SHOWN OF THIS COMPONENT FOR ANY SOLELY FOR THE TRUSS COMPONENT NG 15 THE RESPONSIBILITY OF THE

Alpine Engineered Products, Inc. 1950 Marley Drive

ALPINE

Illaines City, FL 33844
FL Certificate of Authorization # 567

BUILDING DESIGNER PER ANSI/TPI 1 SEC

6.59687 ВС TC LL DUR.FAC. TC TOT.LD. FL/-/4/-/-/R/-D. 2 20.0

PSF

REF

67711

Scale = .375"/Ft. R487--

SPACING SEE 40.0 10.0 PSF 10.0 PSF 0.0 ABOVE PSF PSF JREF -SEQN-DATE HC-ENG DRW HCUSR487 06216097 1SZH<u>487</u> TCE / AF 08/04/06 121402

201

BEARING BLOCK NAIL SPACING DETAIL

MAXIMUM NUMBER OF

NAIL

LINES

PARALLEL

TO

GRAIN

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

- CB> EDGE DISTANCE AND SPACING BETWEEN STAGGERED ROWS OF NAILS (6 NAIL DIAMETERS)
- Į, SPACING OF NAILS IN A ROW (12 NAIL DIAMETERS)
- S

튁 · SP/

BEARING CHORD. VALUE (Fc-perp) IS PROVIDE LENGTH OF C** AT LEAST THAT OF (12)''BLOCK SPECIFIED ON SEALED MINIMUM THE CHORD 24" MAXIMUM) AAAA DESIGN C** LINE OF) DIRECTION
LOAD AND
NAIL ROWS $|_{\triangleright}$ ₩ ₩, 2*

G BLOCK TO BE SAME SIZE AND SPECIES AS BOTTOM BLOCKS MAY BE ANY GRADE WITHIN THE SPECIES, ED THE COMPRESSION PERPENDICULAR TO GRAIN	, HOLES ARE PREBORED, SOME SPACING MAY BE REDUCED BY THE AMOUNTS GIVEN BELOW: ACING MAY BE REDUCED BY 50% ACING MAY BE REDUCED BY 33%	ND DISTANCE (15 NAIL DIAMETERS)
---	---	---------------------------------

MINIMUM NAIL SPACING DISTANCES

0.131"x3.0" 0.120"X3.0" 0.131"X2.5" 0.120"X2.5"

GUN GUN

ಬ ယ ω ω

S

~ 8 ~ 8 9 6 03 ~

10

12

တ

1 10

14

12

12d 16d

COMMON (0.162"X3.5"

N

4 4 4 Ċ 4 cn S ĊΊ 0

8 \odot

10 10

14

S

GUN GUN

S

o)

COMMON (0.148"X3.25

10d

COMMON COMMON

(0.148"X3") (0.131"X2.5

N

 ω N ယ ω

10

12

œ

10

S

g

 $^{\odot}$ 2

~2 ~2

10 10 10 12

> 12 12

b8

16d 12d 10d

BOX вох BOX

(0.135"X3.5")

BOX (0.148"X4")

b8

вох NAIL

(0.113"X2.

<u>ښ</u>

(0.128"X3") (0.128"X3.25

> ω ယ

~ 9 TYPE

2X4

2X6

2X8

2X10

2X12

15

CHORD SIZE

		\	\				-		-							
	R F	0.13	0.12	0.13	0.12	16d	12d	10d	8d	20d	16d	12d	10d	8d		
	SIHK	0.131"x3.0" GUN	0.120"X3.0" GUN	0.131"X2.5" GUN	0.120"X2.5" GUN	COM	COM	COM	COM	BOX (0.148"X4")	вох	вох	вох	вох	NAIL	
		0,	0" G	Ω Ω	5" G	NON	NON	NOM	NOM	(0.1	(0.1	(0.1)	(0.1	(0.1	TYPE	
	AWING	UN	UN	UN	UN	(0.16	(0.14)	(0.14)	(0.13	48"X	(0.135"X3.5")	(0.128"X3.25"	(0.128"X3")	(0.113"X2.5"	H	
	DRAWING REPLACES DRAWING B139 AND CNBRGBLK0699					16d COMMON (0.162"X3.5")	COMMON (0.148"X3.25")	COMMON (0.148"X3")	8d COMMON (0.131"X2.5")	4")	3.5")	3.25")	<u></u>	2.5")		
	DRAWING	7/8"	3/4"	7/8"	3/4"	<u>, , , , , , , , , , , , , , , , , , , </u>	1"	1"	7/8"	1.	7/8"	7/8"	7/8"	3/4"	Α	
1	B139	-	<u>-</u>	<u> </u>	-		_	-	—	_	-	1	1	1		DIS
	AND	5/8"	1/2"	1 5/8"	1 1/2"	ಬೈ	7/8"	7/8"	5/8"	7/8"	5/8"	5/8"	5/8"	1 3/8"	₩	DISTANCES
	CNBF	-	-		_ ·	N	20	20	-	20	20	-	-			ES
	₹GBLK06	ญ	1 7/8"	ಣ್	7/8"	-	2 1/4"		ಸ್ತ	2 1/4"	2 1/8"	ಬ್	v	1 3/4"	C**	
I	99						L_				L					

CENS

AL ENGLISH	VEEL VEEL	STATE OF	Ng. 59687	mana.
	-ENG	DRWG	DATE	REF
	-ENG SJP/KAR	CNBRGBLK1103	11/26/03	BEARING BLOCK



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI CITUSS PLATE INSTITUTE, 593 D'OND'RIU DR., SUITE 200, MADISON, VI. 53719) AND VICA (VUDD TRUSS COLUNCIL DE AMERICA, 6300 ENTERPRISE LN, MADISON, VI. 53719) FOR SAFETY PRACTICES PRIDE TO PERFORMING THESE FUNCTIONS. UNLESS OTHERVISE INDICATED. TOP CHURD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IHPDRTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR ALPINE ENGINEERED PRODUCTS, INC. SHALL AND BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE VITH TPI, OF FABRICATING, HANDLING, SHEPING, INSTALLING BEACHING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS CHATIONAL DESIGN SPEC, BY AFRAYA AND TPI, ALPINE CONNECTIOR PLATES ARE HADE OF 2018/1664 AVHAZNYA NETW ACES GRADE ON THIS DESIGN, POSITION PER DRAVINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER NAMES AS OF TPI 1-2002 SEC 3. A SEAL ON THIS DRAVING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI I SEC 2

Aug

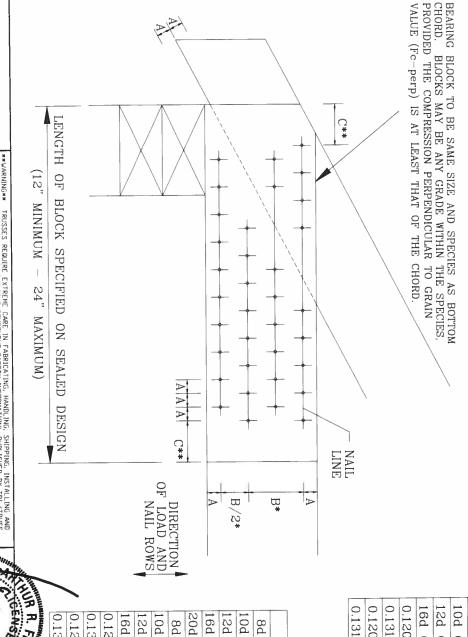
BEARING BLOCK NAIL SPACING DETAIL

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

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

彐 D BY 50% D BY 33% MAY BΕ REDUCED ВΥ THE AMOUNTS GIVEN BELOW

- NAIL HOLES ARE PREBORED,
 SPACING MAY BE REDUCED MAY BE REDUCED
- SPACING REDUCED



MAXIMUM NUMBER OF NAIL LINES PARALLEL TO GRAIN

MINIMUM NAIL SPACING DISTANCES

		DISTANCES	
NAIL TYPE	А	B*	C**
8d BOX (0.113"X2.5")	3/4"	1 3/8"	1 3/4"
10d BOX (0.128"X3")	7/8"	1 5/8"	25
12d BOX (0.128"X3.25")	7/8"	1 5/8"	ಸ್ತ
16d BOX (0.135"X3.5")	7/8"	1 5/8"	2 1/8"
20d BOX (0.148"X4")	1.	1 7/8"	2 1/4"
8d COMMON (0.131"X2.5")	7/8"	1 5/8"	ಬ್ಬ
10d COMMON (0.148"X3")	1.	1 7/8"	2 1/4"
12d COMMON (0.148"X3.25")	<u>-</u>	1 7/8"	2 1/4"
16d COMMON (0.162"X3.5")	1.	2	2 1/2"
0.120"X2.5" GUN	3/4"	1 1/2"	1 7/8"
0.131"X2.5" GUN	7/8"	1 5/8"	ಬ್
0.120"X3.0" GUN	3/4"	1 1/2"	1 7/8"
0.131"x3.0" GUN	7/8"	1 5/8"	พู

Si DRAWING REPLACES DRAWING B139 AND CNBRGBLK0699

_		I	I	H
	ENG	DRWG	DATE	REF
	ENG SJP/KAR	CNBRGBLK1103	11/26/03	BEARING BLOCK
		K1103	ω	BLOCK

VARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHPPING, INSTALLING AND BRACING REFER TIO BESI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 DENDEREID S., SUITE 200, MADISON, VI. 53719) AND VICA (VIDID TRUSS COUNCIL DE AMERICA, 6300 ENTERPRISE LN, HADISON, VI. 53719) FOR SAFETY PRACTICES PRIDE TO PERFORMING THESE FUNCTIONS. UNLESS OTHERVISE INDICATED, TOP CHARD SHALL HAVE PROPERLY ATTACHED STALL HAVE AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC., SHALL NIT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN ANY FAILURE TO BUILD THE TRUSS IN COMPRANCE WITH TPI, OF FABRICATING, HANDLING, SHPPING, INSTALLING BRACING OF TRUSSES. DESIGN CONFIDMS WITH APPLICABLE PROVISIONS OF NOS CHATIONAL DESIGN SPEC. BY AFRAYA AND TPI, ALPINE CONNECTOR PLATES ARE MADE OF 2018/1664 (A.M.Y.S.YAK. ASST AGAS GRADE A0/60 (A.M.Y.S.YAK.) SAIT AGS GRADE AND TPI, ALPINE CONNECTOR PLATES TID EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED BY ITS DESIGN. POSITION FOR PRANINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (7) SHALL BE PER ANNEX AD DETELLATION ASSECTION AND ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING SUITABELITY, SOIL SELLY FOR THE TRUSS COMPORENT DESIGN SHOWN. THE PROFESSIONAL RUNNEESPONS ECONOMICS FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING SUITABELITY, AND USE. DETINE COMPONENT DESIGN. PER ANSI/TPI 1

> CORIOR **STATE OF**

NO NEER

d. 5968.

SEC



CLB WEB BRACE SUBSTITUTION

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

NOTES

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

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

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

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

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

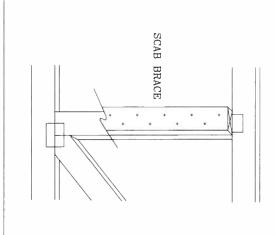
> L-BRACING: T-BRACING BRACE IS A MINIMUM 80% OF WEB ATTACH WITH 16d NAILS AT 6" O.C APPLY TO EITHER SIDE OF WEB MEMBER LENGTH NARROW FACE L-BRACE T-BRACE OR

SCAB BRACING:

T-BRACE

L-BRACE

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



THIS DRAWING REPLACES DRAWING 579,640

-	A B. F.	H	THIS DRAWING REPLACES DRAWING 579,640	PLACES	DRAWING 579
G AND TRUSS	CENSCOR	TC LL	PSF REF	REF	CLB SUBST
ING	No sage	TC DL	PSF	DATE	11/26/03
11111111	*	BC DL	PSF	DRWG	BRCLBSUB1103
e ii k	THE OF SE	BC LL	PSF	-ENG	MLH/KAR
GRADE A	AGRION ON THE	TOT. LD.	PSF		
THE	TONAL STATES	DUR. FAC.	•		
ING	•	SPACING			



AVARNHOW TRUSSES REQUIRE EXTREME CARE IN FARRICATING, INANDLING, SHIPPING, INSTALLING BRACKING, REFERE TO BEGSI 1—03 KBUILDING COMPOBLENT SAFETY INFORMATION), PUBLISHED BY TPI (TI PLATE INSTITUTE, 583 D'ONDERID DR., SUITE 200, MADISIN, VI. 33719) AND VICA (VIDID TRUSS CO DE AMERICA, 6300 ENTERPRISE IN, MADISIN, VI. 53719) FOR SAFETY PRACTICES PRIDR TO PERFORM THESE FUNCTIONS. UNLESS OTHERVISE (BUICATED, TIP CHIEDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

WHIPDEFTANT## FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERE PRODUCTS, INC., SHALL AND TO BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE BRACING OF TRUSS IN CONTORNACE WITH TPI) OR FABRICATING, HANDLING, SHIPPING, INSTALLING BRACING OF TRUSS IN CONTORNACE WITH TPI) OR FABRICATING, HANDLING, SHIPPING, INSTALLING BRACING OF TRUSS AND TPI. ALPINE CONNECTOR PLATES OF THE OF 2018/1666 (YLH-XXY) ASTH AGS: 40/60 (YLK/H,S) GALV, STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS DITHERWISE ON THIS DESIGN, POSITION PER DRAVINGS 160A-Z ANY INSPECTION OF PLATES FOLLOWED BY O'S PROFESSIONAL RIGHTERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN IN SULFAME OF THIS DESIGN. THE PROFESSION SHOWN IN SULFAME OF THIS DESIGN SHOWN IN SULFAME OF THIS DESIGN SHOWN IN SULFAME OF THIS DESIGN. THE SULFAME OF THIS DESIGN SHOWN IN SULFAME OF THIS DESIGN SHOWN IN SULFAME OF THIS DESIGN. THE SULFAME OF THIS DESIGN SHOWN IN SULFAME OF THIS DESIGN. THE SULFAME OF THIS DESIGN SHOWN IN SULFAME OF THIS DESIGN. THIS DESIGN SHOWN IN SULFAME OF THIS DESIGN. THE SULFAME OF THIS D

ASCE 7 - 02: 110 MPH WIND SPEED, 15 MEAN HEIGHT, ENCLOSED, 11 1.00, EXPOSURE \bigcirc

_	_	_	_			_		_	_	_			_		_	_			_	_	_	_		_	_				
]	M	A	X	-	(i I	\I	3]		E		V	E	R	Υ.	ľ	C	A	L		L	E	N	[(ר <u>י</u>	Ή	
		1	2	"		0	. (J.	,		1	6	,,		0	. (€.			2	4	,,		0	. (C		SPACING	CABI
			1	υ. '\) j	TIL	工 丁	770				j 1	υ. 'T) J	TTT	I I	7.70	2 7 7) 	ν. 'τ) j	TIT	I I I	ひてコ	2	SPACING SPECIES GRADE	2X4 CABLE VERTICAL
	STANDARD	STUD	#3	12%	#1	STANDARD	STUD	#3	#1 / #2	STANDARD	STUD	#3	#2	#1	STANDARD	STUD	#3	#1 / #2	STANDARD	STUD	#3	#2	#1	STANDARD	STUD	#3	#1 / #2	GRADE	BRACE
	4' 11"	5' 0"	5 0"	5' 3"	5 4	4' 9"	4' 9"	4' 9"	4' 11"	4' 5"	4' 6"	4' 6"	4' 9"	4' 10"	4' 4"		4' 4"	4, 5,	3' 10"	4' 0"	4' 0"	4' 2"	4, 3,"	3' 9"	3' 9"	3' 9"	3' 10"	BRACES	Z O
	7' 5"	8, 5,	8 5"	B. 5	8 5	7' 3"	8, 5,	8.5"	B, 5,	6' 5"	7' 6"	7' 7"	7' 8"	7' 8"	6' 4"	7' 4"	7' 4"	7' 8"	5 3	6' 1"	6' 2"	6' 8"	6, 8,	5, 5,	6' 0"	6, 0,	6' 8"	GROUP A	(1) 1X4 "L" BRACE
	7' 5"	8' 7"	8' 5"	9' 1"	9' 1"	7' 3"	8 5	B,	8 8	6' 5"	7' 6"	7' 7"	8 3	8' 3"	6' 4"	7' 4"	7' 4"	7' 10"	5' 3"	6' 1"	6' 2"	7' 2"	7, 5,	5, 2,	6' 0"	6' 0"	6′ 10″	GROUP B	" BRACE *
	9' 10"	10' 0"	10' 0"	10' 0"	10' 0"	9' 7"	10' 0"	10' 0"	10' 0"	8' 6"	9' 1"	9' 1"	9' 1"	9' 1"	8' 4"	9' 1"	9' 1"	9' 1"	6' 11"	7'11"	7' 11"	7' 11"	7'11"	6' 9"	7' 11"	7' 11"	7' 11"	GROUP A	(1) 2X4 "I
O MAS	9' 10"	10' 6"	10' 6"	10' 9"	10' 9"	9' 7"	10' 0"	10' 0"	10' 3"	8' 6"	9' 6"	9' 6"	9' 9"	9' 9"	8' 4"	9' 1"	9' 1"	9' 4"	6' 11"	8' 0"	8' 1"	8' 6"	8' 6"	6' 9"	7' 11"	7' 11"	8' 1"	GROUP B	2X4 "L" BRACE *
2	11' 11"	11' 11"	11' 11"	11' 11"	11' 11"	11' 11"	11' 11"	11' 11"	11' 11"	10' 10"	10' 10"	10' 10"	10' 10"	10' 10"	10' 10"	10' 10"	10' 10"	10' 10"	9' 4"	9' 5"	9' 5"	9' 5"	9' 5"	9' 1"	9' 5"	9' 5"	9' 5"	GROUP A	(2) 2X4 "L"
	12' 3"	12' 6"	12' 6"	12' 10"	12' 10"	11' 11"	11' 11"	11' 11"	12' 3"	11' 1"	11' 4"	11' 4"	11' 8"	11' 8"	10' 10"	10' 10"	10' 10"	11' 1"	9' 4"	9' 11"	9' 11"	10' 2"	10' 2"	9' 1"	9' 5"	9' 5"	9' 8"	GROUP B	BRACE **
	14' 0"	14' 0"				14' 0"	14' 0"	1		13' 3"			14' 0"	14' 0"		14' 0"		- 1	10' 10"	- 1	12' 5"		12' 5"	10' 7"		12' 4"	12' 5"	GROUP A	(1) 2X6 "L"
	14' 0"	- 1	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"		- 1		14' 0"	14' 0"		14' 0"	14' 0"	14' 0"	- 1	12' 6"	- 1	- 1	13′ 5″	10' 7"	- 1		12' 9"	GROUP B	" BRACE *
j	14' 0"	14' 0"	14' 0"		14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	- 1	14' 0"	14' 0"	- 1		14' 0"		14' 0"	- 1		- 1	14' 0"	14'0"		14' 0"	14' 0"	GROUP A	(2) 2X6 "L"
	14' 0"	- 1	14' 0"	- 1		14' 0"	14' 0"	14' 0"	14' 0"	- 1	14' 0"	- 1	14' 0"	14' 0"			14' 0"	- 1	- 1				14' 0"	14'0"	14' 0"	14' 0"	14' 0"	GROUP B	BRACE **

DOUGLAS FIR-LARCH

#3

SOUTHERN PINE
#3
STUD

STANDARD

STANDARD

GROUP HEM-FIR #1 & BTR #1

W

#1 / #2 STANDARD
#3 STUD

3 2

STANDARD

HEM-FIR

BRACING

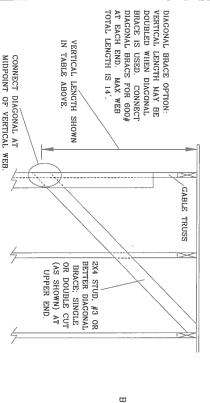
GROUP SPECIES

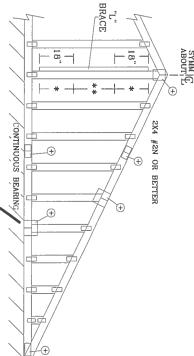
AND

GRADES

GROUP

Α.





LIVE LOAD DEFLECTION CRITERIA IS L/240. GABLE TRUSS DETAIL NOTES

SOUTHERN

PINE

DOUGLAS FIR-LARCH

#2

2 -

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

ATTACH EACH "L" BRACE WITH 10d NAILS.

* FOR (1) "L" BRACE. SPACE NAILS AT 2" O.C.

10 18" EMD ZONES AND 4" O.C. BETWEEN ZONES.

** FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C. IN 18" END ZONES AND 6" O.C. BETWEEN ZONES

"L" BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH. GABLE VERTICAL PLATE SIZES

CREATER THAN 11' 6" GREATER THAN 4' O", BUT LESS THAN 4' 0" REFER TO COMMON TRUSS DESIGN FOR PEAK, SPLICE, AND HEEL PLATES. VERTICAL LENGTH 1X4 OR 2X3 NO SPLICE 2.5X4 2X4

WANHADRIANIAM FURNISH CODY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE IT BY ANY BYLLATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFIDENANCE WITH 191, OR FARRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. IN CONFIDENCE WITH 191, OR FARRICATING, HANDLING, SHIPPING, INSTALLING & BEACH STORM OF THE SEGION CONFIDENCE WITH 191, OR FARRICATING, HANDLING, SHIPPING, INSTALLING & PROPERTY, AND THE ACTOR OF THIS COMPONENT SHIPPING BY ATTACK AS OF THIS COMPONENT SHIPPING BY ACTOR OF THIS COMPONENT FOR THE COMPONENT DESIGN SHOW. THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING BY ACTOR OF **MAKARHING** TRUSSES REDUIRE EXTREME CARE IN FABRICATING, HANDILING, SHIPPING, INSTALLING AND BRACING, REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 593 D'OND'RIO BK, SUITE 200, MADISON, VI. 53719) AND VICA (VOIDO TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, VI. 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS DHEWRISE INDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

REFER TO CHART ABOVE FOR MA

HUR R. A

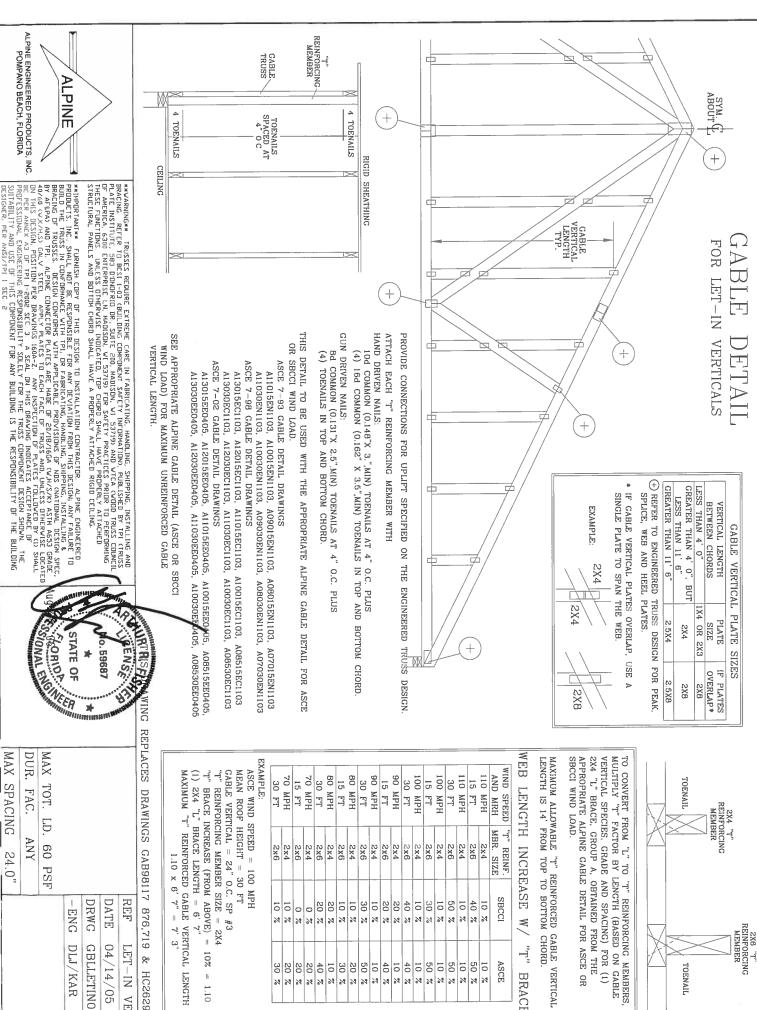
LENGTH

ALPINE ENGINEERED PRODUCTS, INC. POMPANO BEACH, FLORIDA

ALPINE

SOIONAL ENGLY CENSE No. 59687 * R ★ MAX. MAX. TOT. SPACING LD 60 PSF 24.0"

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



REPLACES DRAWINGS GAB98117 876,719 & HC26294035

MAX TOT. LD. DUR. FAC. ANY 60 PSF 24.0" DATE REF DRWG -ENG DLJ/KAR LET-IN VERT GBLLETIN0405 04/14/05

WIND SPEED 30 FT 110 MPH 80 MPH 80 MPH 90 MPH 90 MPH 70 MPH 30 FT 100 MPH 100 MPH 110 MPH AND MRH 30 FT 15 FT 15 FT 15 30 30 5 FT F FŢ Ę F MBR. 2x4 2x6 2×4 2x4 2x4 2x6 2x4 2x6 2x6 2x4 2x6 2x6 REINE SIZE 30 20 20 40 10 30 20 20 20 30

Τ"

BRACE

OR

2X4 "T" REINFORCING MEMBER

2X6 "T" REINFORCING MEMBER

TOENAIL

								Ð	_
	MAXIMUM "T'	(1) 2X4 "L"	"T" BRACE II	"T" REINFOR	GABLE VERTI	MEAN ROOF	ASCE WIND S	EXAMPLE:	14 00
1.10 x 6' 7" = 7' 3"	MAXIMUM "T" REINFORCED GABLE VERTICAL LENGTH	(1) 2X4 "L" BRACE LENGTH = 6' 7"	"T" BRACE INCREASE (FROM ABOVE) = 10% = 1.10	"T" REINFORCING MEMBER SIZE = 2X4	GABLE VERTICAL = 24" O.C. SP #3	MEAN ROOF HEIGHT = 30 FT	ASCE WIND SPEED = 100 MPH		2XD 10 %
32	TICAL LENGTH		10% = 1.10						00 %

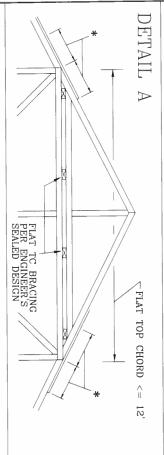
PIGGYBACK DETAI

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

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

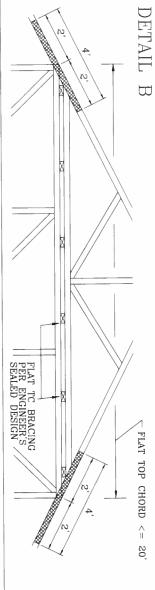
100 MPH WIND, 30.00 FT MEAN HGT, ASCE 7-98, CLOSED BLDG, LOCATED ANYWHERE IN ROOF, CAT II, EXP. C, WIND TC DL=5.0 PSF, WIND BC DL=5.0 PSF.

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



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

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



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



DETAIL

 \bigcirc

 \oplus FLAT TC BRACING PER ENGINEER'S SEALED DESIGN HUR R. FIG.

> IN LIEU OF TRULOX CONNECTORS, ALPINE 62PB SPECIAL PIGGYBACK CONNECTORS MAY BE USED. SHOP APPLY TOOTHED PORTION, FIELD ATTACH TO MATING TRUSS WITH (4) 0.120" X 0.375" NAILS MINIMUM EACH FACE. (4) 8d COMMON NAILS (0.131"X2.5")

-8" X 8" X 1/2" RATED SHEATHING GUSSETS (EACH FACE) MAY BE USED IN LIEU OF TRULOX PLATES, ATTACH WITH (8) 8d COMMON NAILS PER GUSSET, (4) IN CAP BC AND (4) IN BASE TRUSS FLAT TC. 961,860

SIHT DRAWING REPLACES DRAWINGS 581,670 R

SIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN: I'DE	WINGS 160A-Z ANY INSPECTION OF PLATES FOLLOWED BY (D SHALL SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF THE CONTRACT SCIENCE OF THE CONTRACT SCIENCE OF THE CONTRACT SCIENCE SEAL SEAL OF THE CONTRACT SCIENCE SEAL SEAL SEAL SEAL SEAL SEAL SEAL SEA	WITH TPI DE FABRICATING, HANDLING, SHPPING, INSTALING SEC. TORNS WITH APPLICABLE PROVISIONS OF MIS CHARTONAL DESIGN SPEC. TORNS WITH APPLICABLE PROVISIONS OF MIS CHARTONAL DESIGN SPEC. TORN PARTES ARE HADE OF 20/18/166A (W.H/S/X) NSTH AGS3 GRADE TORN PARTES ARE HADE OF TOT TRIVES WAND INNESS THERBYISE LOCATED	THIS DESIGN TO INSTALLATION CONTRACTOR ALPINE ENGINEERED PONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO	ISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED HORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.	LUNG CHMUNEN SAFETT IN DEPARTURE, FOREIGNED BY THE STORY OF THE STORY	TREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND
	A STATE OF THE PARTY OF THE PAR	WOODNAL ENGINE	STATE OF FEMALE	*	No.59687	TC LL
SPACING 24.0"	DUR. FAC. 1.15	TOT. LD. MAX 60 PSF	BC LL P	BC DL PS		
- 		SF	PSF -ENG	PSF DRWG	PSF DATE	PSF REF
			DLJ/KAR	PIGBACKA0405	04/14/05	PIGGYBACK



WARNING TRUSSES REQUIRE EXTRE!

BRACING. REFER TO BCS! 1-03 (BUILDIN
PLATE INSTITUTE, 533 D'UNGD'RID DR., SI
DF AMERICA, 6300 ENTERPRISE LIN HADIS
THESE TUNCTIONS UNITESS D'HERVISE
STRUCTURAL PANELS AND BOTTOM CHORD

WAIHPORTANTWA FURNISH COPY OF THIS
PRODUCTS, INC., SHALL NOT BE RESPONSI
BUILD THE TRUSS IN CONFORMANCE VITH
BRACING OF TRUSSES. DESIGN CONFORMANCE
BY AFRADA AND TPI ALPINE CONNECTOR
ADVACAN AND TPI ALPINE CONNECTOR
ADVACAN STEEL APPLY OF
INIS DESIGNA, POSITION PER DRAWING:
BE PER ANNEX AS OF TPI 1-2002 SEC. 3
PROFESSIONAL ENGINEERING RESPONSIBL
SUITABLITY AND USE OF THIS COMPONEY
DESIGNER, PER ANSI/TPI I SEC. 2

TOP CHORD CHORD WEBS 2X4 2X4 2X4 ### 98 98 BETTER BETTER

PIGGYBACK DETAIL

REFER TO SEALED DESIGN FOR DASHED PLATES

SPACE PIGGYBACK VERTICALS AT 4' OC MAX.

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

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

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

(4) IN CAP

BC AND (4) IN BASE TRUSS FLAT TC

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

THIS DETAIL IS APPLICABLE FOR THE FOLLOWING WIND CONDITIONS: 130 MPH WIND, 30' MEAN HGT, ASCE 7-02, CLOSED BLDG, LOCATED ANYWHERE IN ROOF, CAT II, EXP C, WIND TC DL=5 PSF, WIND BC DL=5 PSF

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

FRONT FACE (E,*) PLATES MAY BE OFFSET FROM PLATES AS LONG AS BOTH FACES ARE SPACED 4'

OC MAX.

MAX SIZE OF 2X12

E I

H

, E E

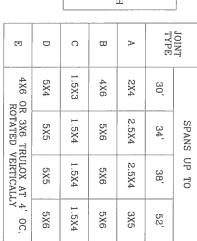
20' FLAT TOP CHORD MAX SPAN

EITHER PLATE LOCATION IS ACCEPTABLE

OPTIONAL

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

130 MPH WIND, 30' MEAN HGT, ASCE 7-98, BLDG, LOCATED ANYWHERE IN ROOF, CAT II, WIND TC DL=5 PSF, WIND BC DL=5 PSF CLOSED, EXP. C,



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

C	C	/ C	C C	in the contract of the contrac		C	C						
0	°	0	°	FABRICATION. ATTA (4) 0.120" X 1.375" APPLY PIGGYBACK S AND SPACE 4' OC C	ATTACH TEETH		10' TO 14'			7'9" TO 10'	0' TO 7'9"	WEB LENGTH	
0	•	0	•	ACK OCK	TH TO THE	* חוכרעו	MEMBER. ATTACH WITH 16d BOX (0.135"X 3.5",MIN) NAILS AT 4" OC	- I	(0.113"X 2.5",MIN) NAILS AT 4"	1x4 "T" BRACE. MEMBER, OR BE	NO BRACING		WEB B
0	0	0	0	ATTACH TO SUPPORTING TRUSS WITH 375" NAILS PER FACE PER PLY. ACK SPECIAL PLATE TO EACH TRUSS FACE OC OR LESS.	* PIGGYBACK SPECIAL PLAIE TO THE PIGGYBACK AT THE TIME OF	OACK SDECT	ATTACH WITH 16d BOX 3.5",MIN) NAILS AT 4" O	BRACE SAME GRADE,	ATTACH WITH 8d BOX 5",MIN) NAILS AT 4" (RACE. SAME GRADE, OR BETTER, AND 80%		REQUIRE	BRACING CHART
0	0	0	0	TING TRUE PER F	AT THE	מקה וכן וא	1 16d BC S AT 4"		1 8d BOX S AT 4"			REQUIRED BRACING	ART
0	0	0	0	TRUSS I	TIME OF		NGIL	SPECIES	oc.	SPECIES		NG	
				ACI			Ş			OF AS			
-	ī	ئ ت	•	(SI			MED	WEB		WEB			

55/0	LORIOS NEMIN	STATE OF	Ng. 5968/	100	NA THE	Natural Printers	*	C	E C	/ L C	A C	pp C	海C	, C	/ / / C	C			
SIN	WEE	P Villen	ristrali	HRAIN.	RAWING	-)	($^{\circ}$	APPLY	FABRICATION. (4) 0.120" X	ATTACL		10 TO 14			7'9" TO 10'
		1.33		×	G REPI			0	0	0	0	APPLY PIGGYBACK	ATION.	ATTACH TEETH			23		
ני ער	50 PSF	33 DUR.	55 PSF	MAX LO	ACES			0	<i>)</i>	0	<i>)</i>		ATT	TOTE	* PIG	MEMBER. (0.135"X	2x4 "T"	; -	EMBER,
L. SO DON. FAC.	F AT	R. FAC.		LOADING	REPLACES DRAWINGS	B ₁		0	0	0	0	SPECIAL PLATE TO EACH TRUSS FACE OR LESS.	ON. ATTACH TO SUPPORTING TRUSS WI	E PIGGYBA	* PIGGYBACK SPECIAL PLATE	3.5",MIN) NAILS AT 4"	BRACE. SA	ATTACH WITH 8d BO 2.5",MIN) NAILS AT 4"	OR BETTER, AND 80% LENGTH OF WEB
	-ENG	DRWG	DATE	REF	634,016 6			0	0	0	0	E TO EACI	ORTING TR	CK AT THE	ECIAL PLAT	WITH 16d BOX NAILS AT 4" O	SAME GRADE,	AILS AT 4" C	2, AND 80%
	DLJ/KAR	PIGBACKB0405	04/14/05	PIGGYBACK	634,017 &			0	0	0	0	TRUSS I	USS WITH	TIME OF	Ħ	OC.		oc.	LENGTH
	R	KB(05	ACI	84	-	_					FACE				Ş	AS		QF
)405			& 847,045	L		-	ī	ב <u>י</u>	- 15					#65	WEB		WEB



MAX \

2

В

垣

ç

-TYP.

垣

位

4

10

Ш

Ш

TYP.

Ш 益

型

₩

D-SPLICE

섿

В 加州

A

AL AL

MARNHIG TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI CIRUSS PLATE INSTITUTE, 583 D'INDIPRID DR. SUITE 200, MADISON, VI. 53719) AND VITCA VOIDO TRUSS COUNCIL DE AMERICA, 6300 ENTERPRISE LN, MADISON, VI. 53719) FOR SAFETY PRACTICES PRIDE TO PERFORMING THESE FUNCTIONS. UNLESS OTHERVISE INDICATED. TOP CHROD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PANIELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PANIELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED RIGID CEILING.

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

WHIPDRIVANI'** FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONSTRAINCH WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING BRACTING OF TRUSSES. DESIGN CONFIDENS WITH APPLICABLE PROVISIONS OF NOS (NATIONAL DESIGN SPEC, BY AFREN) AND TPI ALPINE CONNECTIOR PLATES ARE HADE OF 2018/1664 CVHAYAN, ASTH AGS GRADE 40/60 (VAK/HAS) GALV. STEEL APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER BRACHINGS 160A-2 ANY INSPECTION OF PLATES FOLLOWED BY CT) SHALL BE PER ANNEX AS OF TPI 1-2002 SEC 3. A SEAL ON THIS DESIGN, POSITION PER BRACHINGS 160A-2 ANY INSPECTION OF PLATES FOLLOWED BY CT) SHALL PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI I SEC 2.

COFA LOR STATE 1.59 * SPACING

47 PSF 1.15 DUR.

AT FAC.

24.0"

ASCE 7-02: 110 MPH WIND SPEED, 30' MEAN HEIGHT, ENCLOSED, \parallel 1.00, EXPOSURE \bigcirc

_																											_			_
]	M	A	X		(J/	1]	3	L	E		V	E	R	Γ.	Ί	С	A	L		L	E	N	1(זר.	ГΗ		
		1	2	,,		0	. (J.	,		1	6	;;		0	.(3	•		2	4	"		О) . (C	•	SPACING	GARI	
			j 1	 ΄)	TTT	Ľ ij	770	ת כ			j	<i>U</i> .)	TTT	I I	777	ロココ			j 1	<i>V.</i>) j	TTT	I I	U T	C T T	SPECIES	2X4 CABLE VERTICAL	
	STANDARD	STUD	#3	#2	#1	STANDARD	STUD	#3	#1 / #2	STANDARD	STUD	#3	#2	#1	STANDARD	STUD	#3	#1 / #2	STANDARD	STUD	#3	#2	#1	STANDARD	STUD	#3	#1 / #2	GRADE	BRACE	
	4' 7"	4' 9"	4' 9"	4" 11"	ص ا	4' 6"	4' 6"	4' 6"	4' 7"	4, 2,	4, 4,	4' 4"	4' 6"	4' 7"	4' 1"	4' 1"	4' 1"	4, 2,	3' 8"	3, 9,	3, 9,	3' 11"	4' 0"	3' 7"	3' 7"	3' 7"	3' 8"	BRACES	N O	
	6' 9"	7' 9"	7" 11"	8' 0"	8 0"	6' 7"	7' 8"	7' 8"	8' 0"	5' 10"	6' 9"	6' 10"	7' 3"	7' 3"	5' 8"	8' 0"	6' 8"	7' 3"	4' 9"	5, 6,	5' 7"	6' 4"	6' 4"	4' 8"	5' 5"	5' 5"	6' 4"	GROUP A	(1) 1X4 "L"	
	6 9"	7' 9"	7' 11"	8' 7"	8' 7"	6' 7"	7' 8"	7' B"	8, 5,	5' 10"	6' 9"	6' 10"	7' 9"	7' 9"	5' 8"	8' 0"	6' 8"	7' 5"	4' 9"	5' 6"	5' 7"	6' 10"	6' 10"	4' 8"	5' 5"	5' 5"	6' 6"	GROUP B	L" BRACE *	
	8' 10"	9' 5"	9' 5"	9' 5"	9' 5"	8' 8"	9' 5"	9' 5"	9' 5"	7' 8"	8' 7"	8' 7"	8' 7"	8' 7"	7' 6"	8' 7"	8' 7"	8' 7"	6' 3"	7' 3"	7' 4"	7' 6"	7' 6"	6' 1"	7'1"	7' 2"	7' 6"	GROUP A	(1) 2X4 "L"	
MAS	8' 10"	9' 11"	9' 11"	10' 2"	10' 2"	8' 8"	9' 5"	9' 5"	9' 8"	7' 8"	8' 11"	9' 0"	9' 3"	9' 3"	7' 6"	8' 7"	8' 7"	8' 10"	6' 3"	7' 3"	7' 4"	8'1"	8'1"	6' 1"	7' 1"	7' 2"	7' 8"	GROUP B	L" BRACE *	
CI MNAS	11' 3"	11' 3"	11' 3"	11' 3"	11' 3"	11' 3"	11' 3"	11' 3"	11' 3"	10' 3"	10' 3"	10' 3"	10' 3"	10' 3"	10' 1"	10' 3"	10' 3"	10' 3"	8' 5"	8' 11"	8' 11"	8' 11"	8' 11"	8' 3"	8' 11"	8' 11"	8′ 11"	GROUP A	(2) 2X4 "L"	
	11' 7"	11' 10"	11' 10"	12' 1"	12' 1"	11' 3"	11' 3"	11' 3"	11' 7"	10′ 4″	10' 9"	10' 9"	11' 0"	11' 0"	10' 1"	10′ 3″	10′ 3″	10' 6"	8' 5"		9' 5"	9' 7"	9' 7"	8, 3,	8' 11"	8' 11"	9, 5,,	GROUP B	" BRACE **	
	13' 10"	14' 0"	- 1	-1	14' 0"	13' 6"	14' 0"	14' 0"	14' 0"	_ [-	13' 5"	13' 5"	-	11' 8"	13' 5"	13' 5"	13' 5"	9' 9"	11' 4"	11' 5"	11' 9"	11' 9"	9' 6"	11' 1"	11' 2"	11' 9"	GROUP A	(1) 2X6 "L"	
		14' 0"	14' 0"	14' 0"	14' 0"	13' 6"	14' 0"	14' 0"	14' 0"		14' 0"	14' 0"	14' 0"		- 1	13′ 5″	13' 5"	13' 10"	- 1	11' 4"	11' 5"	- 1	12' 8"	9' 6"	11' 1"	11' 2"	12' 1"	GROUP B	" BRACE *	
	- 1	- 1	14' 0"		14' 0"	14' 0"	- 1	14' 0"	14' 0"	- 1	- 1	14' 0"	14' 0"		14' 0"	14' 0"	14' 0"		1	14' 0"	14' 0"	14' 0"	14' 0"	12' 11"	- 1		14' 0"	GROUP A	(2) 2X6 "L"	
	- 1	- 1			14' 0"		- 1	- 1	- 1	14' 0"		14' 0"	14' 0"	- 1	- 1	- 1	14' 0"	14' 0"	- 1	14' 0"	14' 0"	- 1	- 1	12' 11"		14' 0"	14' 0"	GROUP B	BRACE **	

DOUGLAS FIR-LARCH

SOUTHERN PINE

STANDARD

STANDARD

GROUP

Ħ

HEM-FIR #1

STUD

3

23

STANDARD

#2

STUD

HEM-FIR

BRACING

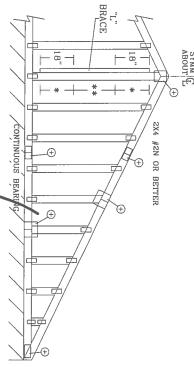
GROUP SPECIES

AND GRADES:

GROUP

A

SPRUCE-PINE-FIR



BRACE IS USED. CONNECT DIAGONAL BRACE FOR 700# DIAGONAL BRACE OPTION: VERTICAL LENGTH MAY BE DOUBLED WHEN DIAGONAL

GABLE TRUSS

AT EACH END. MAX WEB TOTAL LENGTH IS 14'.

IN TABLE ABOVE. VERTICAL LENGTH SHOWN

BRACE; SINGLE OR DOUBLE CUT (AS SHOWN) AT 2X4 STUD. #3 OR BETTER DIAGONAL

UPPER END.

MIDPOINT OF VERTICAL WEB. CONNECT DIAGONAL AT

WAMARING* TRUSSIS REDUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BOSI 1-03 (BUILDING COMPONENT SAFETY NETBRATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 TONDURID DR., SUITE 200, MADISON, VI. 53719) AND VICE A VOIDO TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, HADISON, VI. 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERVISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

ALPINE ENGINEERED PRODUCTS, INC. POMPANO BEACH, FLORIDA

ALPINE

REFER TO CHART ABOVE FOR A CENSES MAX GABLE VERTICAL LENGTH. SONAL ENGLISH No. 59687 R ≯ MAX. MAX.

TOT.

SPACING

24.0"

	_	_	
GREATER THAN 4' O", BUT	LESS THAN 4' 0"	VERTICAL LENGTH	GABLE VERTICAL PLATE SIZES
TUB			PLAT
2X4	1X4 OR 2X3	NO SPLICE	TE SIZES
		-	١ ١

MEMBER LENGTH.

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

ATTACH EACH "L" BRACE WITH 10d NAILS.

* FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C.

IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.

** FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C.
IN 18" END ZONES AND 6" O.C. BETWEEN ZONES.

GABLE END SUPPORTS LOAD FROM 4' 0" OUTLOOKERS WITH 2' 0" OVERHANG, OR 12"

PLYWOOD OVERHANG.

PROVIDE UPLIFT CONNECTIONS FOR 100 PLF OVER

CONTINUOUS BEARING (5 PSF TC DEAD LOAD).

LIVE LOAD DEFLECTION CRITERIA IS L/240.

GABLE TRUSS DETAIL NOTES:

SOUTHERN PINE

DOUGLAS FIR-LARCH

#2

3#2

GREATER THAN 11' 6 REFER TO COMMON TRUSS DESIGN FOR PEAK, SPLICE, AND HEEL PLATES. LESS THAN 11' 6 2.5X4