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:1SXX487-Z0309155347

Truss Fabricator: Anderson Truss Company

Job Identification: 6-211--Prudential Builders, Inc. #40 Calloway II -- , **

Truss Count: 44

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

Engineering Software: Alpine Software, Version 7.24.

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

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

Minimum Design Loads: Roof - 32.0 PSF @ 1.25 Duration

Floor - N/A

Wind = 110 MPH ASCE 7-02 -Closed

Notes:

 Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1

2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.

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

Details: BRCLBSUB-TCFILLER-BCFILLER-CNBRGBLK-A11015EE-GBLLETIN-PIGBACKA-PIGBACKB-

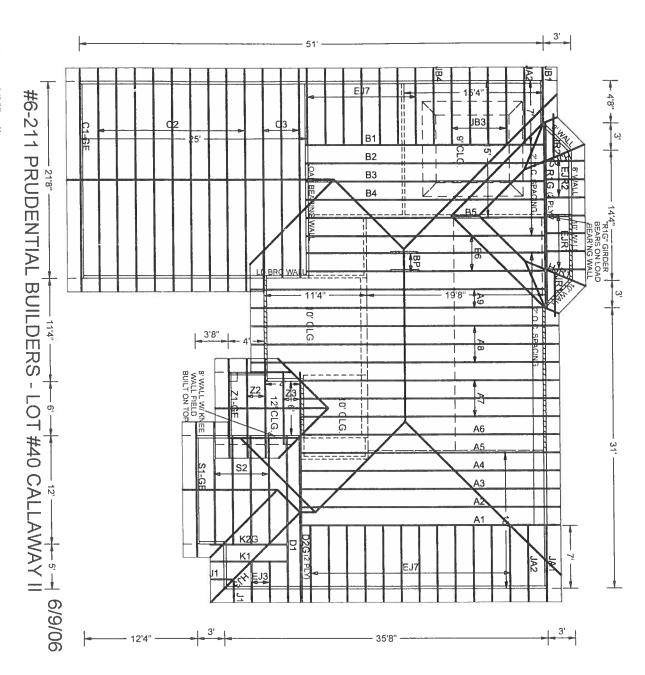
T	#	Ref Description	Drawing#	Date
T	1	95997 A1	06160094	06/09/06
ŀ		95998A2	06160095	06/09/06
Т	2	95999 A3	06160096	06/09/06
	4	96000A4	06160097	06/09/06
	5	96001A5	06160098	06/09/06
	6	96002A6	06160099	06/09/06
	7	96003A7	06160100	06/09/06
ı	8	96004A8	06160101	06/09/06
ı	9	96005 A9	06160102	06/09/06
	10	96006B1	06160105	06/09/06
1	11	96007 B2	06160106	06/09/06
	12	96008B3	06160107	06/09/06
1	13	96009B4	06160108	06/09/06
	14	96010 B5	06160109	06/09/06
	15	96011 B6	06160110	06/09/06
1	16	96012C1-GE	06160111	06/09/06
	17	96013C2	06160112	06/09/06
	18	96014==C3	06160113	06/09/06
1	19	96015 D1	06160119	06/09/06
1	20	96016D2G	06160120	06/09/06
	21	96017EJ7	06160046	06/09/06
	22	96018HJ3	06160116	06/09/06
-	23	96019EJ3	06160117	06/09/06
	24	96020J1	06160121	06/09/06
	25	96021JA1	06160123	06/09/06
	26	96022JA2	06160093	06/09/06
	27	96023JB1	06160124	06/09/06
	28	96024JB3	06160103	06/09/06
	29	96025 JB4	06160104	06/09/06
	30	96026HJR1	06160125	06/09/06
	31	96027 EJR1	06160126	06/09/06
	32	96028JR1	06160127	06/09/06
	33	96029 JR2	06160128	06/09/06
	34	96030HJR2	06160129	06/09/06
	35	96031 EJR2	06160130	06/09/06
	36	96032K1	06160118	06/09/06

Seal Date: 06/09/2006

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

#	Ref Description	Drawing#_	Date
37	96033 K2G	06160115	06/09/06
38	96034BP1	06160137	06/09/06
39	96035 R1G	06160132	06/09/06
40	96036S1-GE	06160133	06/09/06
41	96037S2	06160114	06/09/06
42	96038Z1-GE	06160134	06/09/06
43	96039Z2	06160135	06/09/06
44	96040 Z3	06160136	06/09/06
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Scale: 3/32" = 1'

PAGE NO: 1 OF 1

Bot chord 2x4 SP #
Webs 2x4 SP # #2 Dense #2 Dense #3 :W12 2x4 SP 2 Dense

SPECIAL LOADS

(LUMBER DUR.FAC.=1.25

64 PLF at -1.54 5 PLF at -1.54 20 PLF at 0.00

0.1 to

0.1

/ PLATE DUR.FAC.=1.25)
to 64 PLF at 26.96
to 5 PLF at 0.00
to 20 PLF at 26.96

TC - Fr BC - Fr TC -TC -TC -14.02, BC -BC -14.02,

From 64 PLF at 1.54
From 5 PLF at -1.54
From 20 PLF at 0.00
26 LB Conc. Load at 193 LB Conc. Load at -193 LB Conc. Load at 82 LB Conc. Load at 83 LB Conc. Load at 84 LB Conc. Load at 84 LB Conc. Load at 85 LB Conc. Load at 85

6.02, 24.02,

8.02, 26.02

10.02,

12.02

6.02, 24.02,

8.02, 10.02, 12.02 26.02

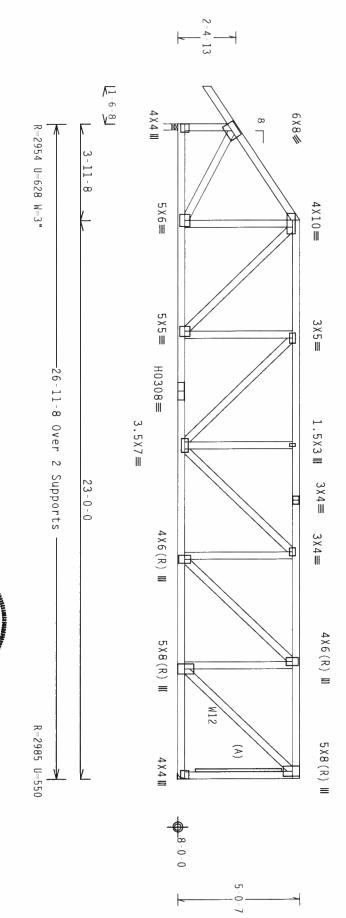
110 mph wind, 15.00 ft mean hgt, ASCE anywhere in roof, CAT II, EXP B, wind DL=5.0 psf. 7-02, CLOSED bldg, Located TC DL=5.0 psf, wind BC

End verticals not exposed to wind pressure

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

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

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



20 Gauge HS, Wave **WARNING** IRUSSES REQUIRE EXTREME CARE IN FABRICATION. INABELING, SHIPPING, INSTALLING AND BRACING, RETER TO BEST 1 03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY PET (TRUSS PLATE INSTITUTE 593 D'ONDÉTIO DE. SUITE ZOD, ANDISON, 41 53719) AND BECA (MODO BRUSS COUNCEL OF AFRICA, ASDO ENTERRESE LH, MADISON, 41 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE TRUCTIONS. UNITESS OTHERNISE INDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED RIGHT CELLURGE SHOLL HAVE PROPERLY ATTACHED RIGHT CELLURG. TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

Design Crit:

TYP.

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PRODUCTS, IRC. SMAL HOLD EREPOSEDE FOR ANY OPVALION FROM THIS DESIGN. ANY FALURE TO DULLO THE TRUSS SMAL HOLD EREPOSEDE FOR SMALLED THE TRUSS SMAL HOLD EREPOSEDE FOR SMALLED THE TRUSS SMALLED THE SMALLED THE TRUSS SMALLED THE S DRAWING INDICATES A INUSS AND, UNILESS DIMERNISE LOCATED ON THIS DESIGN, POSITION PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF FIT1 2002 SEC. 3.

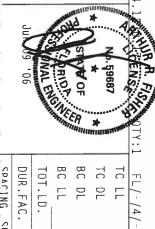
ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILLITY SOLELY FOR THE SUITABILLY AND USE OF THIS COMPANIENT ***

NOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGNER PER ANSI/IP1 I SEC. 2. N. POSITION PER DRAWINGS 160A Z.
DZ SEC.3. A SEAL ON THIS
SOLELY FOR THE TRUSS COMPONENT

Alpine Engineered Products, Inc.

ALPINE

Haines City, FL 33844 icate of on # 567



10.0 PSF 10.0 PSF 20.0

DRW HCUSR487 06160094

0.0 PSF

HC-ENG

TCE / AF

'-/R/

Scale = .25"/Ft. R487--

PSF

DATE REF

06/09/06

95997

SNIJVAS SEE ABOVE 40.0 1.25 PSF JRFF-SEQN-1SXX1R7 78722 203 REV

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

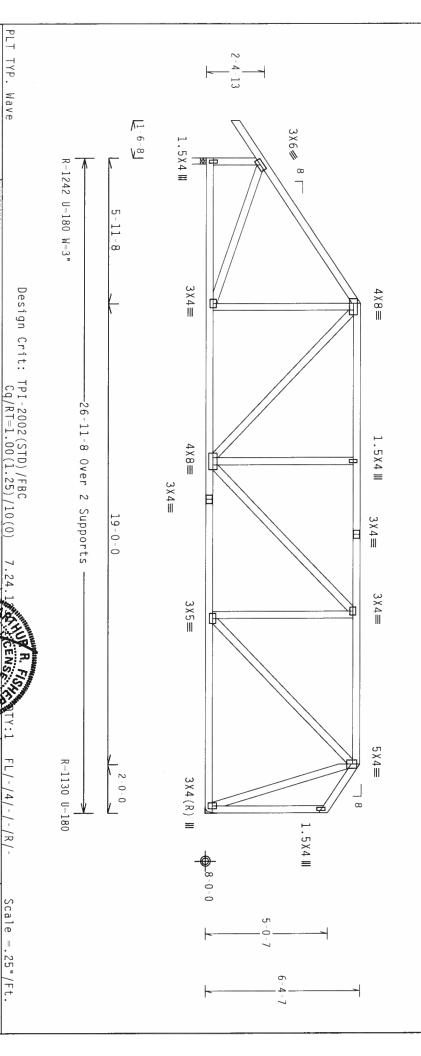
Left end vertical exposed to wind pressure. Deflection meets $L/240\,$ criteria for brittle and flexible wall coverings.

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.

Right end vertical not exposed to wind pressure.

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



Alpine Engineered Products, Inc.

DRAWING INDICATES ACCEPTANCE OF PROF

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RIGIO CEILING

*

TC DL TC LL

DATE REF

06/09/06 95998

R487--

BC DL

10.0 PSF 10.0 PSF 20.0 PSF

DRW HCUSR487 06160095

BC LL

0.0

HC-ENG

TCE / AF 108679

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.

D BY (1) SHALL BE PER ANNEX AS OF IPI1 2002 SEC. 3
PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY

N, POSITION PER DRAWINGS 160A Z DZ SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT

SDACING

24.0"

JRFF-

18XX/87 Z03

DUR.FAC. TOT.LD.

1.25

40.0

PSF PSF

SEQN-

Itaines City, FL

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

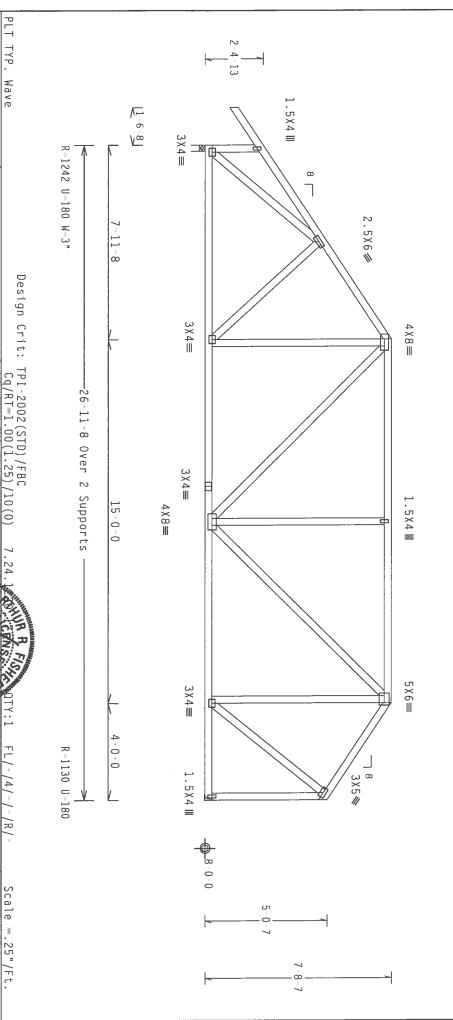
Left end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

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

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

Right end vertical not exposed to wind pressure

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



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRIÉATION. HANDLING, SHIPPING, INSTALLING AND BRACING RITER TO BEST 1:03 (BUILDING COMPOUTRI SAFETY INFORMATION), PUBLISHIED BY IPI (RRUSS PLAIE INSTITUTE, 583) D'ONDERIO BA. SUITE 2005, MADISON, HI 53719) AND MICA (MOD FRUSS COUNCIL OF AREEKA, 6300 ENTERPRISE LW. HADISON, HI 53719) FOR SAFETY PRACTICLS PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERHISE INDICATED, TOP COMPONING THE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CELLLING.

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TC DL

10.0 PSF 20.0 PSF

DATE REF

06/09/06

R487 -- 95999

TC LL

BC DL

10.0 PSF 0.0 PSF PSF

DRW HCUSR487 06160096

TCE/AF

40.0

SEQN HC-ENG

108688

24.0" 1.25

JRFF

1SXX487

Z03

**MMODRIANT **THEMISH A CORY OF THIS DESIGN TO THE TRISLALATION CONTRACTOR.

**PROPERTY OF THE TRISLATION OF DESIGN SHOWN. THE SUITABILITY AND BUILDING DESIGNER PER ANSI/IPI I SEC PLATES TO EACH FACE OF TRUSS AND. UP ANY INSPECTION OF PLATES FOLLOWED BY DRAWING INDICATES ACCEPTANCE OF PROF AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAHINGS 160A-Z
OF TPI1-2002 SEC.3. A SEAL ON THIS
DRSIBILITY SOLELY FOR THE TRUSS COMPONENT

Alpine Engineered Products, Inc.

ALPINE

Hannes City, FL 33844 cate of £ nn # 567



A4)

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

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

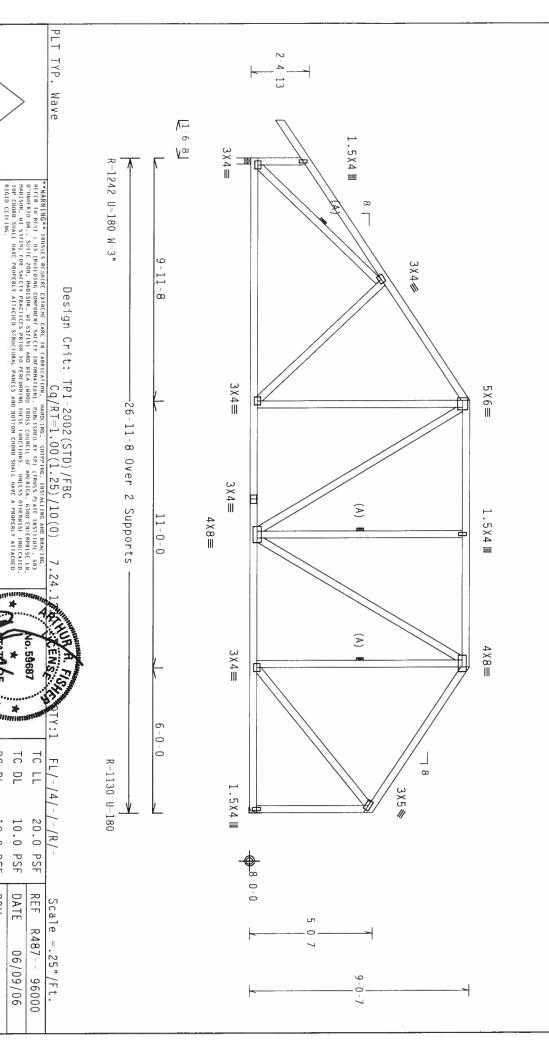
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.

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.

(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 Hames City, FL 33844

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IMPORTANT* "quadish a coby of this design to the installation contractor.

APTHE ENGINEERED PRODUCTS, INC. SHALL HOT BE RESPONSIBLE TOWN TO EVALUATION TOWN THIS DESIGN: ANY FALUER TO BUILD THE HOUSE IN CONTORNANCE WITH TELE OR FARRICATION, HANDLING, SHIPPING, INSTALLING A BRACING OF HOUSES.

BESIGN CONTORNS WITH APPLICABLE PROVISIONS OF HOS (WATIONAL DESIGN EYEC, BY ATRAYA AND THE CONNECTION TALKETS ARE HADE OF ZOT/BJ/DAG A(H.J/S/), ASTH ASS GRADE 40,00 (H. X/H.S) GGAVE. APPLY

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TP11 20 DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY

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

THIS DESIGN. POSITION PER DRAWINGS 160A

*

10.0 PSF

DATE

06/09/06

BC DL TC DL

10.0 PSF 0.0 PSF PSF

SPACING

24.0"

JRFF-

1SXXAR7 ZO3

DUR.FAC. TOT.LD.

40.0

SEQN-

108695

HC-ENG TCE/AF DRW HCUSR487 06160097

BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2

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

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

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.

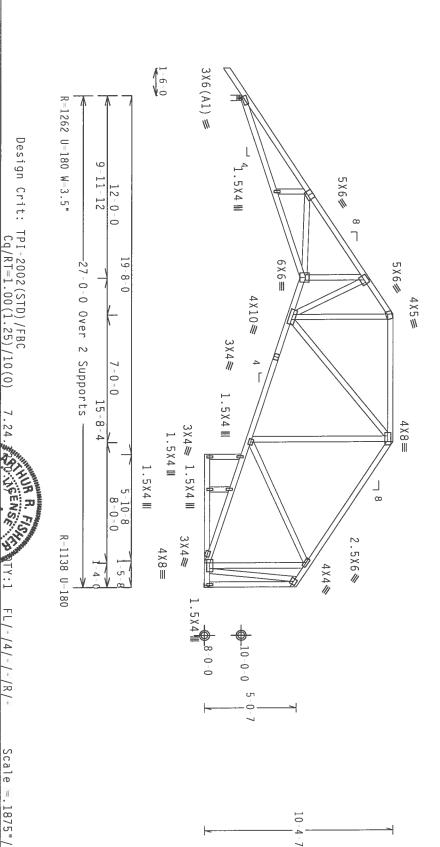
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure

See DWGS TCFILLER1103 and BCFILLER1103 for filler details

In lieu of structural panels use purlins to brace TC @ 24" OC

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



WARNING RUSSES REQUIRE EXPREME CANE IN FARRICATION, MANDELING, SHIPPING, INSTALLING AND BRACHIG.
REFER TO RESEL 1-03 (BUILDING COMPONENT SAFETY MORRALION), POULTINGE BY FIT (RUSS PLAIT INSTITUTE, 543 D'UNDIFELO DE., SUITE ZOO, MADISON, HI 53710) AND WITCA (MODO BRUSS COUNCIL OF MERICA, SHOO ENTERESEL LI, MADISON, HI 53710) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OHNERWISE MOLECULED FROM SHALL HAVE PROPERLY ATTACHED REGID CETLING. Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

TYP.

Wave

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

ALPINE TRIBLET DE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE RENDECTS. THE. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. BY A FRACING OF RHISSES, BESTON CONFORMS HIM APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY AFAFA) AND THE.

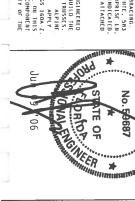
APPLICABLE SAE MADE OF 20/18/160A (ALM/15/2M) ASTH AGES GANDE 40/60 (M, KM, M) ANY SIELL. APPLY PLATES TO FACH FACE OF TRUSS AND, UNLESS OTHERNIS OF LOCATED ON THIS DESIGN. POSITION FER DRAMINGS 160A 2.

ANY INSPECTION OF PLATES GOLOWED BY (1) SMALL HE FOR ANY XA OF THIS POSON SEC.

BRANING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUTTABILITY AND USI BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2 THE SULLABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

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

ALPINE



	_				********	litti
SNIJvas	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 1SXXAA7 703		SEQN- 108788	HC-ENG TCE/AF	DRW HCUSR487 06160098	DATE 06/09/06	REF R487 96001

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

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A6)

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

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

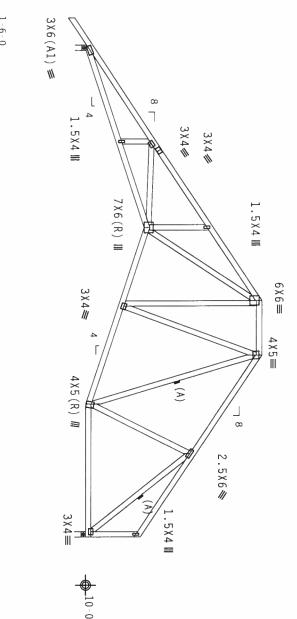
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.

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.

(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.



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Design Crit: TPI-2002(STD)/FBC $\frac{Cq/RT=1.00(1.25)/10(0)}{r_{1}} = \frac{Cq/RT=1.00(1.25)/10(0)}{r_{2}} = \frac{Cq/RT=1.00(1.25)/10(0)}{r_{3}} = \frac{Cq/RT=1.00(1.25)$

TYP.

Wave

IMPORTANTTURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR NAWY DEVIATION IN ROW HIS DESIGN. ANY FALLURE TO BUILD THE ROUSES IN CONTRAMANCE WITH PI.

BESIGN CONTRASS HILL APPLICABLE PROVISIONS OF MDS (MATONAL DESIGN SECE, MATENA) AND PI.

CONNECTOR FLATES ARE HADE OF 70/19/166A (M.H/S/M) ASIM AGES GRADE 40/60 (M.K/M.S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNICES OFFERNISE LOCATED ON THIS DESIGN, POSITION PER ORAWINGS 160A Z. ANY INSPECTION OF FALTES FOLLOWED BY (I) SHALL BE PER MINEY AS OF TPI) 2002 SEC. 3.

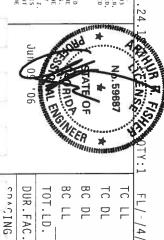
BRANDING INDICATES ACCEPTANCE OF PROFESSIONAL INCIDING RANGE ANY SOLILY FOR HIM TORS HOLD THE BESIGN SHALL BE PER MINEY AS OF TPI) 2002 SEC. 3.

BRANDING INDICATES ACCEPTANCE OF PROFESSIONAL INCIDING RANGE ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGN SHOWN.

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

Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844 icate of / nn # 567

ALPINE



			"HIII	month	Hetta.
DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL
1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
	SEQN- 108773	HC-ENG TCE/AF *	DRW HCUSR487 06160099	DATE 06/09/06	REF R487 96002

74.0"

JR = = 1 SXX 107 Z03

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

Calculated horizontal deflection is 0.10 $^{\circ}$ 0.16 $^{\circ}$ due to dead load. due to

live load

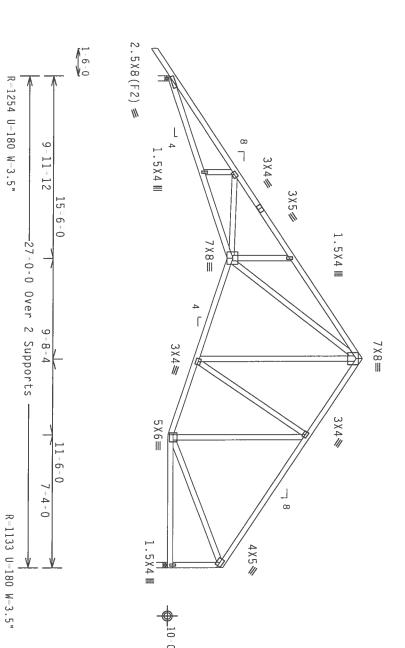
and

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

110 mph wind, 15.04 ft mean hgt, located within 4.50 ft from roof DL=5.0 psf, wind BC DL=5.0 psf. ASCE 7-02, CLOSED bldg, not edge, CAT II, EXP B, wind TC

Right end vertical not exposed to wind pressure

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



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WARNING TRUSSES REDNIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING. RETER TO BEST TO SHIPPING COMPONENT SAFETY INFORMATION), PUBLISHED BY FPI (TRUSS PLATE INSTITUTE, 563 D'OMOFRIO BR. SULTE ZOO, MOLSONE, HI 523719) AND META (MOND BRUSS COUNCIL O MERICA, 5000 ENTERPRISE LM, MADISON, HI 523719) FOR SAFETY DESCRIPTION FOR THE PROPERTY LM, MOLSON HIS STRUCTURAL PARELES AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED REGED CETLUNG. TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

Design Crit:

TYP.

Wave

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

ALPINE ENGINEERED PRODUCTS, Inc. Shall not be responsible for any deliation from this design. Any falling to build the resources, inc. Shall not be responsible for any deliation from this design. Any falling is delicited the resources of the following for this service for the fall of the SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

Alpine Engineered Products, Inc

ALPINE

Itames City, FL 33844 icate of / m # 567

BUILDING DESIGNER PER ANSI/IPI 1 SEC.



BC LL SNISAGS DUR.FAC. ВС TOT.LD. DI 40.0 10.0 PSF 24.0" 0.0 PSF PSF SEQN-DR W HC = ENG JRFF-HCUSR487 06160100 1SXX487 TCE/AF 108764 Z03

20.0

PSF

R487-

96003

Scale

=.1875"/Ft.

10.0 PSF

DATE REF

06/09/06

ASCE 7-02, CLOSED bldg, not edge, CAT II, EXP B, wind TC

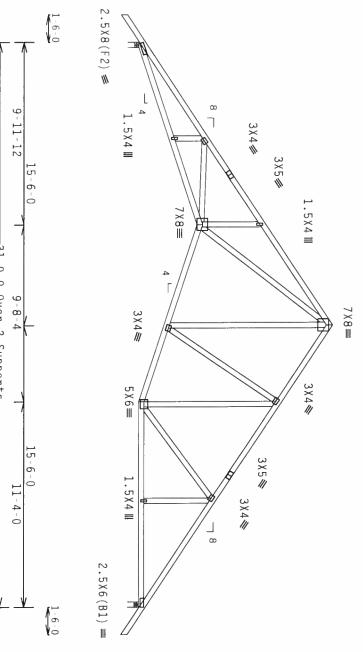
Top chord 2x4 SP | Bot chord 2x4 SP | Webs 2x4 SP | #2 Dense #2 Dense #3

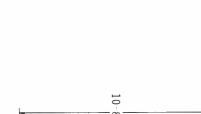
Calculated horizontal deflection is 0.13" 0.21" due to dead load. due 0 live load and

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

110 mph wind, 15.04 ft mean hgt, located within 4.50 ft from roof 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. to







Design Crit: TPI-2002 (STD) /FBC 7. ***HARNING*** TRUSSES REQUIRE EXPREHE CARE IN FABRICATION, IMMEDIAGE, SUPPLIES, 1815/ALIB GAID BRACING, RETER TO BEST 1 ROJ (BULLOING COMPONENT SAFETY IN THE BRACING, PROBLEMENT FOR THE TRUSSES PLATE INSTITUTE, \$83 D'ONOFFIO DR. SUPPLIES 200 AND STOLAND AND ACCA 40000 DIRESE COUNCIL OF MERICA, 6300 ENTERPRISE LIM, MADISON, MI \$3219) AND MECA 40000 DIRESE COUNCIL OF MERICA, 6300 ENTERPRISE LIM, MADISON, MI \$3219) FOR SAFETY PRACTICES PRIDE TO PERFORMING THESE FUNCTIONS. UNICES OFFICENCY ATTACHED STRUCTURAL PARIES, AND BOTTOM CHORD SMALL MATE A PROPERTY ATTACHED.

PLT TYP.

Wave

IMPORTANTYURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

APPINE CINAL NOT BE RESPONSIBLE FOR ANY GEVIATION FROM THIS DESIGN.

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ROUSS IN CONFORMACE ATHIN FET;

DESIGN CONFORMS WITH APPLICABLE PROPYSIONS OF THOS (MAIDNAL DESIGN SPEC). BY ATRAD AND THE

CONTROLES ARE AND OF ZO/JSH GEA, ANY JSHAY, ASTA MASS GRANCE AND THE APPLY

THATES TO EACH FACE OF TRUSS AND. HUBLES OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAMHIGS 160A A.

ANY HISPECTION OF PLATES TOLLOWED BY (1) SHAYL BE FUR ANYER AS OF THIS 2002 SEC 3.

AS AND ANY DESIGNED SHAY AS ACEPTANCE OF PROFESSIONAL ENGLIFICATION RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT

DESIGN SHOWN.

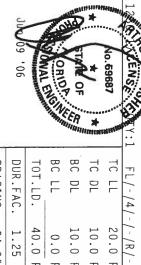
THE SULFABLLITY AND DUSC OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

Alpine Engineered Products, Inc. 1950 Marley Drive

ALPINE

RIGID CEILING

icate of / 33844



SNISVOS	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JRFF- 1SXX1A7 ZO3		SEQN- 108758	* HC-ENG TCE/AF	DRW HCUSR487 06160101	DATE 06/09/06	REF R487 96004

Scale

=.1875"/Ft.

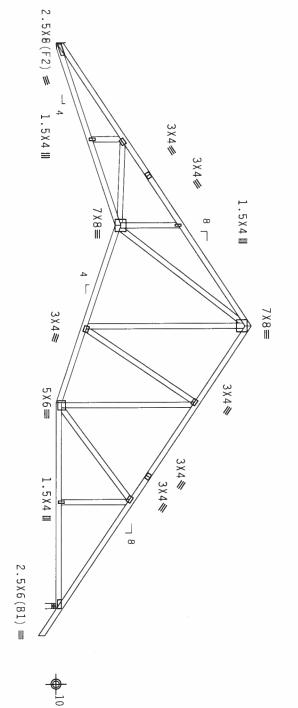
Bot chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3

Calculated horizontal deflection is 0.13" 0.21" due to dead load. due to live load

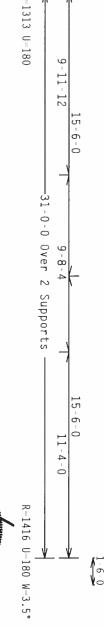
110 mph wind, 15.04 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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.



10-



WARNING TRUSSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, HISTALLING AND BRACING. RETER TO BEST 1 03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY FP (TRUSS PLATE INSTITUTE, 583) D'ONDERLO BR. SHIFT ZOO, HADISON, HI 53719) AND HEAVA (4000 TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE UM, HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CELLING. TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

Design Crit:

TYP. Wave

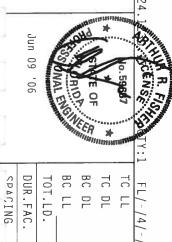
IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

**RODICTS, INC. SMALL NOT BE RESPONSIBLE FOR ANY DEVIATION FOR HIS DESIGN: ANY FAILURE IN BUILD HE RESULT.

**RODICTS IN CONTRACT OF THE PROPERTY OF THE PROPERTY

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

ALPINE



SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	1C LL
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JRFF- 1SXX487 ZO3		SEQN- 108753	HC-ENG TCE/AF	DRW HCUSR487 06160102	DATE 06/09/06	REF R487 96005

Top chord 2x6 SP | Bot chord 2x6 SP | Webs 2x4 SP | Bearing block to be same size and species as bottom chord. Refer to drawing CNBRGBLK1103 for additional information. #2 :T3 2x4 SP #2 Dense: #2 :B4, B5 2x4 SP #2 Dense: #3 :W2 2x4 SP #2 Dense:

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

End verticals not exposed to wind pressure

Max JT VERT DEFL: LL: 0.16" DL: 0.25" recommended camber 3/8"

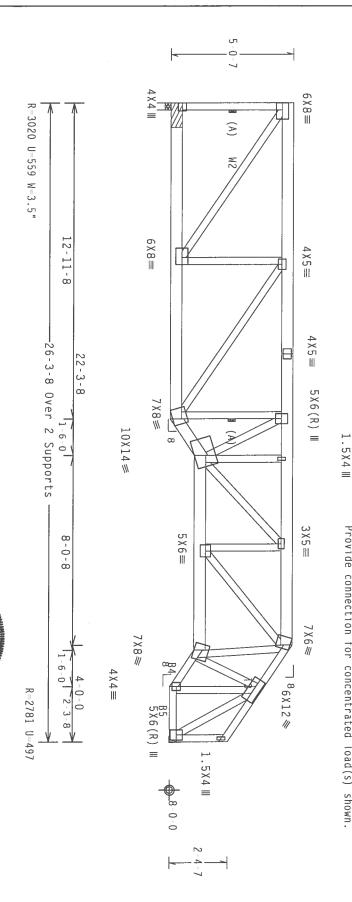
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.

TC - F BC - F BC - F BC - F TC - F TC - F BC BC TC SPECIAL LOADS From From From (LUMBER 27 LB Conc. 82 LB Conc. 12.23 91 LB Conc. 247 LB Conc. 193 LB Conc. 12.23 186 LB Conc. 27 LB Conc. 64 PLF 20 PLF 20 PLF DUR.FAC Load Load at 14.46 at 22.50 at 24.00 Load Load 0.00 0.00 12.96 . 25 1 6 1 6 at at д Т 14.23, 24.23 14.23, 24.23 0.23, to 0.23, ťο to to 64 PLF at 26.29 20 PLF at 12.96 24 PLF at 14.46 20 PLF at 22.50 24 PLF at 24.00 20 PLF at 26.29 2.23, 4.23, 6 16.23, 16.23, 2.23, DUR.FAC 18.23, 4.23, 18.23, 20.23, 20.23, 6.23, 6.23, 22.23 22.23 8.23 8.23

 Ξ Continuous lateral bracing equally spaced on member

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

Provide connection for concentrated load(s) shown.



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

TYP.

Wave

** MAPORTANT **THENISH A COPY OF THIS DESIGN TO THE INSTALLING CONTRACTOR. ANY FALLURE TO BUILD THE FRONCESS, HE SHALL HOLD RESIDENT FOR THE RESIDENCE SHALL HOLD RESIDENT FOR THE RESIDENCE SHALL HOLD RESIDENT FOR TRANSFER FOR THE RESIDENCE SHALL HOLD RESIDENT FOR TRANSFER FOR THE REVENUE OF **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE THISTALLATION CONTRACTOR. OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

Alpine Engineered Products, Inc. 1950 Marley Drive

ALPINE

RIGIO CE IL ING

Ilaines City, FL

BUILDING DESIGNER PER ANSI/IPI 1 SEC.



BC LL TC DL SPACING DUR.FAC. TOT.LD. Ð 900 40.0 10.0 20.0 10.0 PSF 0.0 above PSF PSF PSF PSF JRFF-SEQN-DATE REF DR₩ HC-ENG HCUSR487 06160105 R487---1SXX4R7 TCE / AF 06/09/06 108606 96006 203

Scale

25"/Ft.

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

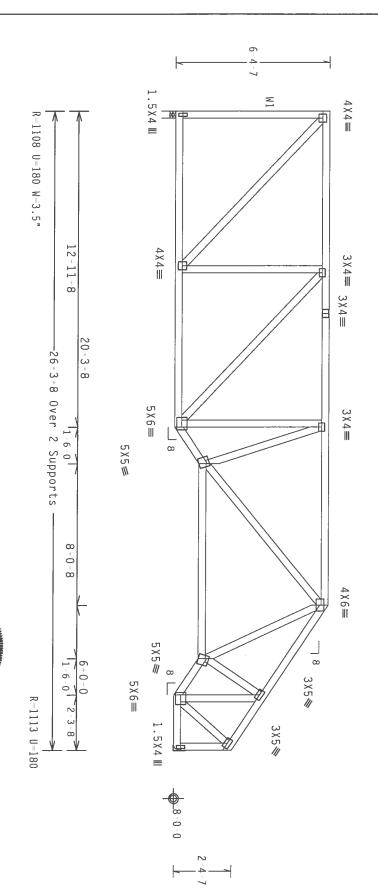
#2 Dense:

End verticals not exposed to wind pressure

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

110 mph wind, 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.



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

TYP.

Wave

IMPORTANT* URHISH A COPY OF 1115 DESIGN TO THE INSTALLATION CONTRACTOR.

ALPHRE ENGINEERED PRODUCTS, INC. SMALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS SESSION. ANY FALLURE TO BUILD THE RUSSES IN CONTRACHANCE WITH FIT:

OF SHARE AND AND THE APPLICABLE PROPUSIONS OF MOS (MATIONAL DESIGN SPEC, BY AREA AND FIT. APPLICABLE PROPUSIONS OF MOS (MATIONAL DESIGN SPEC, BY AREA AND FIT. APPLY CONTROCTOR PALAS AND FOR THE APPLY SHARE AND THE APPLY BALLES OF THE AP

DESIGN SHOWN. THE SUITABILITY AND USE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

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

ALPINE



	Ţ	ВC	B C	TC	T C	 1
DIIR FAC	TOT.LD.		C DL	DL.		FL/-/4/-/-/R
1 25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF	/-/R/
	PSF	PSF	PSF	PSF	PSF	,
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- 1	Z	Ε	~	<u> </u>	77	à
		ENG TO	√ HCUSR4			ale =.
		ENG TCE/AF	√ HCUSR487 06			:ale =.25"/
	N- 108640	HC-ENG TCE/AF	DRW HCUSR487 06160106	TE 06/09/06	R487 96007	Scale =.25"/Ft.

24.0"

JREF

1SXX/87 Z03

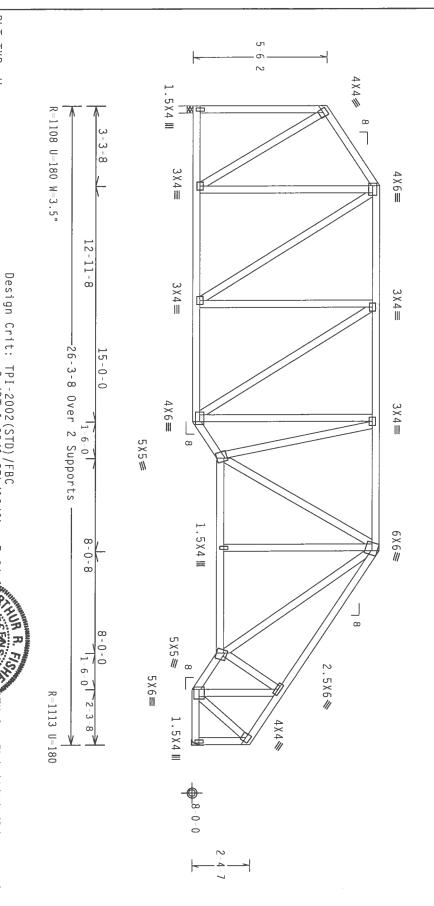
Top Bot t chord 2x4 SP / t chord 2x4 SP / Webs 2x4 SP / #2 Dense #2 Dense #3

End verticals not exposed to wind pressure.

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

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

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



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

PLT TYP. Wave

IMPORTANTTURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ARV TAILURE TO BULLD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION RORS THIS DESIGN: ANY TAILURE TO BULLD THE RANGE OF THE PIL.

RANGE SIN COMPORANCE WITH PIL.

DESIGN CONTRASS HIS ARE PRODUCTED BY THE PIL.

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APPLICABLE PROVISIONS OF DOS (MATIONAL DESIGN SPEC, BY AFRA) AND PIL.

APPLICABLE SAEL MADE OF TOPOLOGICA (M.H./S.Y.) ASIA MASS GRADE ADJO (M. K.M.S.) GALV. STEEL. APPLY

PLATES TO EACH FACE OF TRUSS AND, UNLESS OHERMISE LOCATED ON HIS DESIGN, POSITION PER BRANDOS 160A J.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANDY X 3 OF PIL 2002 SEC 3.

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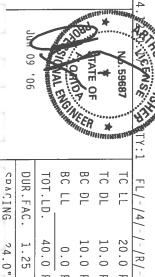
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ANY INSPECTION OF PARTS FOLLOWED BY (1) SHALL BE FER ANDY X 3 OF PIL 2002 SEC 3.

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

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

ALPINE



	TOT.LD. DUR.FAC.	40.0 PSF 1.25	SEQN- 108646
NEER Meening		10.0 PSF	DRW HCUSR487 06160107
**************************************	TC DL	10.0 PSF	DATE 06/09/06
IIM 1897	TC LL	20.0 PSF	REF R487 96008

Scale =.25"/Ft

24.0"

JREE

18XX/87 Z03

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

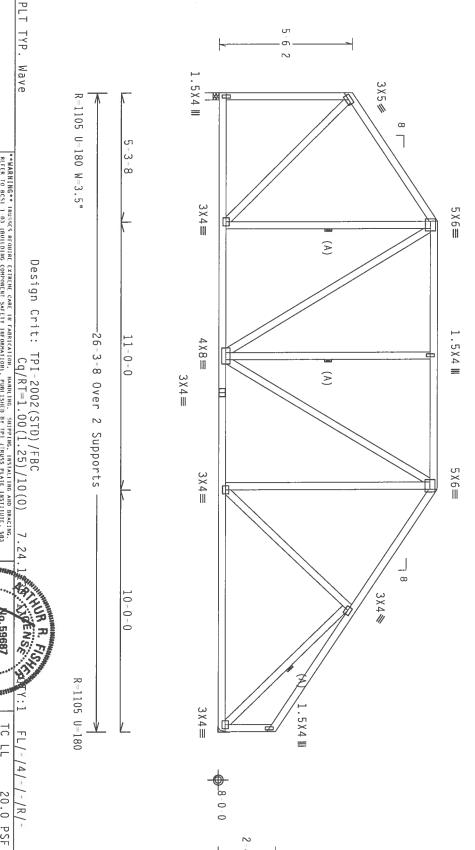
End verticals not exposed to wind pressure.

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

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

(A) Continuous lateral bracing equally spaced on member

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



9

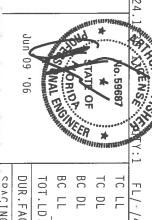
WARNING IRUSKES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, HISTALLING AND BRACING.
REFER TO BEST 1-03 (BULIDING COMPONENT SAFETY INFORMATION), PUBLISHEND BY PIP (PRUSS PLATE USETILUE, 503
D'ONOFRIO DR. SUTIFE 200, MADISON, HI 53719) AND WICA (MOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LM,
MADISON, HI 53719) FOR SAFITY PRACTICES PRIOR TO PERFORNING INESE FUNCTIONS. UNLESS OTHERNISE INDICATED.

TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING

Alpine Engineered Products, Inc.

ALPINE

Hames City, FL 33844 icate of / on # 567



L	20.0 PSF	REF R487 96009
DL	10.0 PSF	DATE 06/09/06
DL	10.0 PSF	DRW HCUSR487 06160108
	0.0 PSF	HC-ENG TCE/AF
T.LD.	40.0 PSF	SEQN- 108654
R.FAC.	1.25	
VCING	24.0"	JRFF- ISXX187 ZO3

85)

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

Calculated horizontal deflection is 0.10" due to live load and 0.18" due to dead load.

(A) Continuous lateral bracing equally spaced on member

In lieu of structural panels use purlins to brace TC @ 24"

0C.

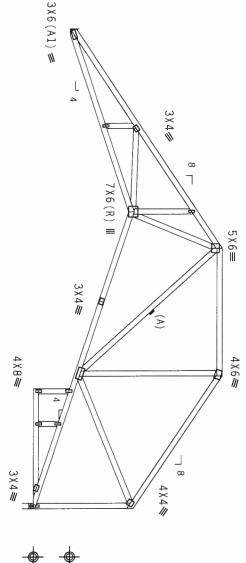
Laterally brace BC at 24" $\,$ 0C in lieu of rigid ceiling. Laterally brace BC above filler at 24" $\,$ 0C including a lateral brace at chord ends.

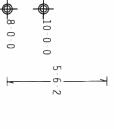
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

See DWGS TCFILLER1103 and BCFILLER1103 for filler details

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





10



Note: All Plates Are 1.5X4 Except As Shown.

TYP.

Wave

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

WARNING IRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLINK. SIMPPING, ISTALLING AND BRACING.
REFER TO BEST 1 DO (BUILDING COMPONENT SAFETY INFORMATION), PHRI ISHED BY THE (TRUSS PLAIE INSTITUTE, 983 DEPONOFRIO DR. SUHIE ZOOD, HADISON, HI 53710) AND NECK (MODO BRUSS COUNTELL OF AMERICA, GADO CHERERRIST HIM.
HADISON, HI 5370) FOR SAFETY PRACTICES PRIOR TO PERFORMENT THESE FUNCTIONS. HUMESS DIMENTSE INDICATED.
REGED CEILING.

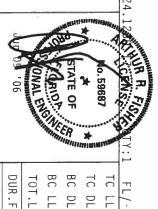
*** IMPORTANT*** URBISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPHE ENGINEER DEPRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION TROW HIS DESIGN: ANY FAILURE TO BUTLOT THE TROUBETS, INC. SHALL NOT BE RESPONSIBLE FOR THE FROM THE SECOND FOR THE SECOND

Alpine Engineered Products, Inc. 1950 Marley Drive

ALPINE

Haines City, FL 33844 icate of / on # 567



DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL
1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
	SEQN- 108706	HC-ENG TCE/AF	DRW HCUSR487 06160109	DATE 06/09/06	REF R487 96010

Scale

SUISVES

24.0"

JRFF- 1SXX487 ZO3

6 211 Prudential Builders. Inc. #40 Calloway II * 86)

op chord 2x4 SP #2 Dense ot chord 2x4 SP #2 Dense Webs 2x4 SP #3 Filler 2x4 SP #3

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

(A) Continuous lateral bracing equally spaced on member

In lieu of structural panels use purlins to brace TC @ 24" 00.

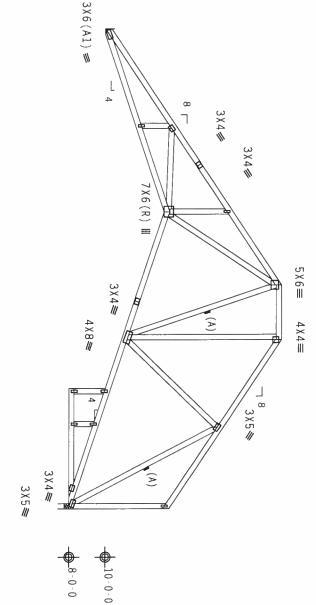
Laterally brace BC at 24°0C in lieu of rigid ceiling. Laterally brace BC above filler at 24°0C including a lateral brace at chord ends.

110 mph wind, 15.04 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

See DWGS TCFILLER1103 and BCFILLER1103 for filler details.

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



R=1124 U=180 9-11-12 14-0-0 -26-3-8 19 ά 0 0ver 2 Supports 0 3-12 9 -3-8 ά R=1114 U=180 W=3.5" 0 9 0

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)

RIGID CEILING

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

AIP THE ENGINEERED PRODUCTS, INC. SINAL NOT BE RESPONSIBLE FOR MAY DEVIATION ROP HIS DESIGN. ANY FAILURE TO BUILD HE RROSE IN CONTRAMANCE WITH HE!

RUSS IN CONTRAMACE WITH HE!

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS (MAIGHAL DESIGN SPEC, BY AREA) AND TE!

APPLICABLE PROVISIONS OF NOS (MAIGHAL DESIGN SPEC, BY AREA) AND TE!

CONNECTOR PLAIRS ARE MODE OF 20/18/160A (H.H/FM) ASTH AGES GANDE AG/50 (H. K/H.S) GALV. STEEL

APPLY

PALIES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN. POSITION PER BRAHMES 160A Z.

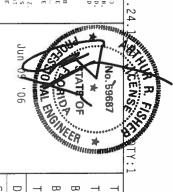
ANY INSPECTION OF PLAIRS FOLLOWED BY (1) SMALL BE FER AND XA OF TE! 2007 SEC. 3.

ASCAL ON THIS DESIGN. TO PROVIDE THE TRUSS COMPONENT 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.

Alpine Engineered Products, Inc.

ALPINE

llaines City, FL 33844 cate of F in # 567



]			SIRRING.		a) Innum		? 1 : 1
SNISVOS	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL	FL/-/4/-/-/R/-
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF	/-/R/-
JRFF- 1SXX/A7 ZO3		SEQN- 108724	HC-ENG TCE/AF	DRW HCUSR487 06160110	DATE 06/09/06	REF R487 96011	Scale =.1875"/Ft.

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

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

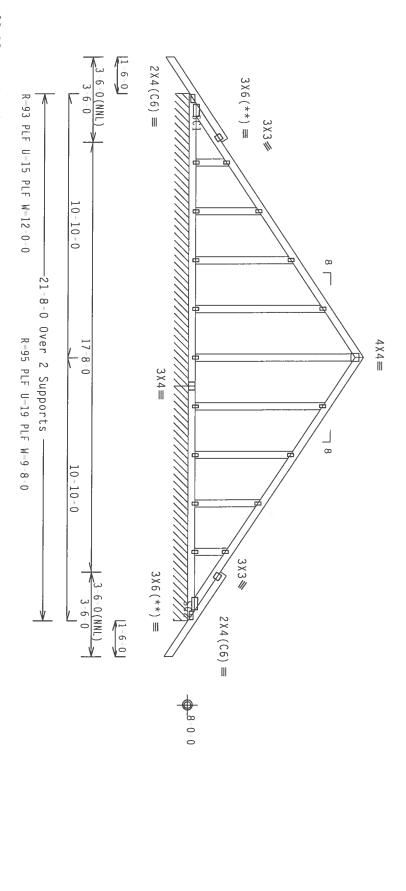
> (**) 2 plate(s) require special positioning. Refer to so plate plot details for special positioning requirements. Refer to scaled

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

See DNGS All015EE0405 & GBLLETIN0405 for more requirements.

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

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



2-15

Note: All Plates Are 1.5X3 Except As Shown.

PLT TYP. Wave

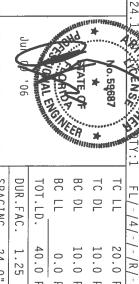
WARNING IRUSSIS REQUIRE EXIREHL CARE IN FABRICATION, IMANDLING, SHIPPING, INSTALLING AND BRACING, RETER TO REST TO SQUICDING COMPONENT SACTY INFORMATION), PUBLISHED BY THE IRUSS PLATE INSTITUTE, 483 DE ONDERTO BR. SI NITE ZOO. ANDISON, HI 53719) AND HICA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LI, MADISON, HI 53719) AND TABLE OF PRACTICES PRIOR TO PERFORMING INESS FUNCTIONS. UNITESS OTHERWIST, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING INESS FUNCTIONS. UNITESS OTHERWIST, MATACHED STRUCTURAL PANILES AND BOTTON CHORD SHALL HAVE A PROPERLY ATTACHED Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE RUSS IN CONFORMACE ATHER THE PLANT OF THE PROPERTY OF THIS CONTROL SECTION OF THE PROPERTY OF THIS CONTROL SECTION OF THE PROPERTY OF

Alpine Engineered Products, Inc. 1950 Marley Drive Hannes City, FL 33844 icate of / nn # 567

ALPINE

RIGIO CEILING



SNISvas	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- 1SXX/A7 ZO3		SEQN- 78725 REV	HC-ENG TCE/AF	DRW HCUSR487 06160111	DATE 06/09/06	REF R487 96012

Scale H

25"/Ft

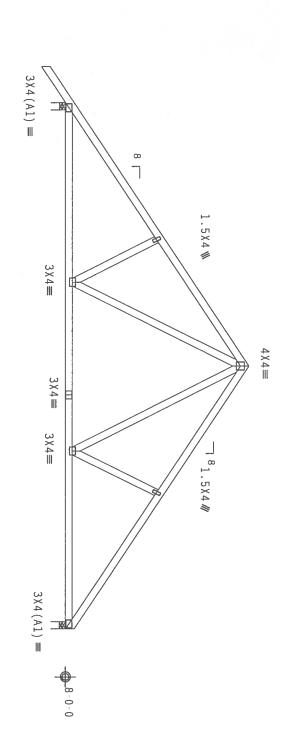
Alpine Engineered Products, Inc. 1950 Martey Drive Hames City, FL 33844 icate of / n# \$67 Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 In lieu of structural panels or rigid ceiling use purlins brace TC @ 24" 0C, BC @ 24" 0C. PLT TYP. Wave (6 211 Prudential Builders, ALPINE 1 - 6 - 03X4(A1) =R=1014 U=180 W=3.5" **IMPORTANT***UNNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

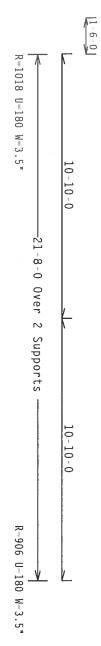
ALPTHE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION ROW HIS DESIGN: ANY FALLURE TO BUILD THE TRANSES IN CONTRAMANCE WITH THE TO BUILD THE TRANSES IN CONTRAMANCE WITH THE TO THE TRANSES. BESSER CONTRACT AND THE TRANSES. BESSER CONTRACT AND THE TRANSES. BESSER CONTRACT AND THE TRANSES. ALTHOUGH THE TRANSES OF TH DESIGN SHOWN THE SULLABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/1P1 I SEC. 7. RIGID CEILING Inc. ω #40 Calloway II 10-10-0 1.5X4 N Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 3×4≡ -21-8-0 * to 0ver C2) 4 X 4 = 2 Supports 3 X 4 ≡ 3 X 4≡ 1.5X4 // 10-10-0 110 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. Jun 09 8 R=1014 U=180 W=3.5" 3 X 4 (A1) ≡ 1-6-0 BC LL BC DL TC DL TC LL SNISVOS DUR.FAC. TOT.LD. FL/-/4/-/-/R/-40.0 20.0 10.0 PSF 10.0 PSF 24.0" 0.0 PSF PSF PSF JRFF-SEQN-DATE REF HC-ENG DRW HCUSR487 06160112 Scale =.25"/Ft. R487--18XX/87 Z03 TCE/AF 06/09/06 108490 96013

to

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 $1.50\,\cdot$





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

PLT TYP.

Wave

IMPORTANTFURNISH A COPY OF THIS DESIGN TO HE INSTALLATION CONTRACTOR.

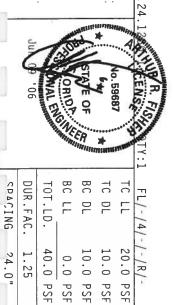
APPINE ENGINEERD PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM HIS DESIGN: AMY FALLURE TO BUILD HE FRUSES IN CONTRAMED HIS PRODUCTS. HE RESPONSIBLE FOR WISHONS OF THIS CHAILENG SHEED SPEC. BY ARAPA AND IPI.

DESIGN CONTRACTS HE MADE OF Z07/18/16GA (PH.15/27) ASTA MASS GRADE 40/60 (M. KULES) DALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE (DOLATED ON HIS DESIGN, POSITION FOR BRANHINGS 160A Z. ANY HIS DESIGN OF PLATES OF THIS STALL HIS DESIGN AND THIS DESIGN Z. ANY HIS DESIGN OF PLATES OF THIS STALL HIS DESIGN AND THIS DESIGN AND THIS DESIGN Z. ANY STEEL MAPLY DESIGN OF PLATES OF THIS DESIGN Z. ANY STEEL MAPLY DESIGN AND THIS DESIGN Z. ANY STEEL MAPLY DESIGN SHOULD BE ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOULD BE STORED SHOULD BE SEED AND S

Alpine Engineered Products, Inc.

ALPINE

icate of on # 567



0.0 PSF PSF

SEQN-HC-ENG

108504

DATE REF

06/09/06

Scale = .25"/Ft.

R487-- 96014

DRW HCUSR487 06160113

TCE/AF

24.0" 1.25

JRFF-

1SXX4R7

Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844 icate of / 2n # 567 In lieu of structural panels or rigid ceiling use purlins brace TC @ 24" 0C, BC @ 24" 0C. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, 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. Top chord 2x4 SP #2 Dense Bot chord 2x8 SP SS Webs 2x4 SP #3 Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50. PLT TYP. Wave ALPINE **1**-6-0 **y** 4 X 5 (A1) ≡ R=1705 U=180 W=3.5' **IMPORTANT**FURNISH A COPY OF THIS DESIGN ID THE INSTALLATION CONTRACTOR. ANY FAILINE TO BUILD THE PRODUCTS. INC. SHALL NOT BE RESPONSIBLE FOR ANY DELYATION FROM THIS DESIGN. ANY FAILINE TO BUILD THE RUSS IN COMPONANCE WITH IN FILE PRODUCTION. THE PRODUCTION OF THE PRODUCT OF THE PROPERTY O ***MARNING** IRUSSIS BEDUIBE EXTREME CARE IN FARBICATION, HANDLING, SUPPRING, INSTALLING AND BRACTIC.
REFER TO BEST JOS (BUILDING COMPORUS SALETY INCOMATION), PUBLISHED BY IT (TRUSS PAIR INSTITUTE, S93
D'ONOFERIO DEL SUTIE ZOO, HADISHI, HI 53/19) AND HICA, (4000) DRES CONDELL OF MERGICA, GOOD FRIERRISE INTOLATED,
HADISON, HI 53/19) FOR SACIETY PRACTICES PRING TO PERFORMING INLSE FUNCTIONS UNILESS OTHERNISE INDICATED,
TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL FAMILS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED. RIGIO CEILING 8 Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 7 - 0 - 0 2.5X6 4×4 Ⅲ -17 4 X 4 = 4 X 8 == 0-0 Over €X6= 0-0 2 Supports 4 X 6≡ 3 X 4 ≡ SPECIAL LOADS Provide connection for concentrated load(s) From From From 291 907 (LUMBER LB Conc. Load at 3.06 LB Conc. Load at 4.94 64 PLF at -1.50 t 5 PLF at -1.50 t 20 PLF at 0.00 t DUR.FAC.=1.25 4 X 4 Ⅲ o. 5968 GENS -0-0 * to PLATE E DUR.FAC.=
64 PLF at
5 PLF at
20 PLF at =1121 U=180 W=3.5" 4 X 5 (A1) = ထ BC DL TC DL DUR.FAC. TOT.LD. TC LL FL/-/4/-/-/R/-K1-6-0 V .=1.25) 18.50 0.00 17.00 40.0 20.0 10.0 PSF 10.0 PSF 0.0 PSF PSF SEQN-DRW DATE REF HC-ENG Scale = .375"/Ft. HCUSR487 06160119 R487---TCE/AF 06/09/06 108799 96015 Ó

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

SNISAGS

enude aes

JRFF-

1SXX4R7

DESIGNER PER AUSI/IPI 1 SEC.

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

SPACING

enuge aes

JRFF-

1SXX487

Provide Provide Top chord 2x4 SP Bot chord 2x4 SP In lieu of structural panels or rigid ceiling use purlins to brace TC $24\,\text{"}$ OC, BC @ $24\,\text{"}$ OC. (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. #2 Dense #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 DL=5.0 psf.

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

@

8 R=193 U=180 R-82 U-180 0 _8 0 0

12-8-15

2X4(A1) =

R = 417U-180 W-3.5" -7-0-0 Over 3 Supports

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

PLT TYP. Wave

***MARNING** IRUSES BECHIBE EXTREME CARE IN FARRICATION, IMANDING, SUPPING, INSTALLING AND BRACING.

REFER TO RECE TO 10 CHULUNIA COMPONIU SAFETY INCOMENTION, PUBLISHED BY TPI (TRUSE SPAIRE INSTITUTE, SAI
D'ONDÉRIO DE, SUITE ZOO, MAISON, AT 5379 AND MECA (MODO TRUSS COUNCIL OF MATRICA, GING ENTERMISE UN
MADISON, AT 5379) FOR SAFETY PRACTICES PRIOR TO PERPORMING INSET UNICITORS. UNICES ONERWISE INDICATED,
DOCUMENTS LANCE PROPERTY ATACHED STRUCTURAL PARCES AND BOITOM CHORD SHALL HAVE A PROPERTY ATACHED
BELLETIN JOHN CHARLES AND A TACHED STRUCTURAL PARCES AND BOITOM CHORD SHALL HAVE A PROPERTY ATACHED RIGID CEILING.

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

AIPPHE ENGINEERD PRODUCTS, INC. SMALL NOT BE RESPONSIBLE FOR ANY DEVIALIDOR FOR HIS DESIGN: ANY FALLING ID BUILD THE TRUSSES IN CONFORMACE HITH FIT:

OF ISBRICATION, AND HIS SERVICE OF TRUSSES, DESIGN SPEC, BY AFRAYAND PT.

CONTROLOR PAIRES ARE MADE OF ZO/TRAJIGA (MAJISAYA) ASTH AGS GAADE 40/50 (M. KYM.S) CALV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERNIS LOCATED ON HITS DESIGN, POSITION FER BRAVINGS GAAD.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SMALL BE FOR ANDER AS OF TET) ZOOZ SIC. 3.

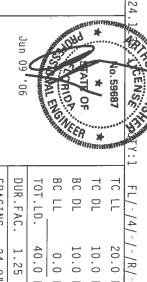
ANY INSPECTION OF PLATES FOLLOWED BY (1) SMALL BE FOR ANDER AS OF TET) ZOOZ SIC. 3.

A SLAI ON HIS DESIGN SNOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI I SEC. 2.

Alpine Engineered Products, Inc. 1950 Marley Drive

ALPINE

Haines City, FL 33844 icate of / 2n # 567



SNISTAS	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- 15XX487 Z03		SEQN- 107729	HC-ENG JB/AF	DRW HCUSR487 06160046	DATE 06/09/06	REF R487 96017

Scale

=.375"/Ft.

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

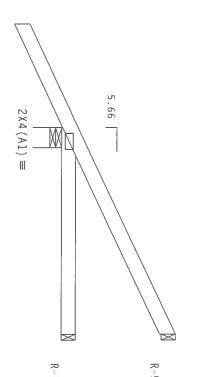
In lieu of structural panels or rigid ceiling use purlins to brace TC @ $24\mbox{"}$ OC, BC @ $24\mbox{"}$ OC.

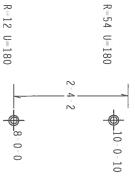
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is $1.50\,\cdot$

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

Hipjack supports 3-0-0 setback jacks with no webs

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





<_4-2-15 Over 3 Supports ->

-224 U-180 W-4.95"

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

PLT

TYP.

Wave

***HARNING** FRUSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, HISTALLING AND BRACING RETER TO BEST 1 03 (BUILDING COMPORENT SAFETY HORMATION), PUBLISHED BY FIP (TRUSS PLATE INSTITUTE, 583 0 "OMORRIO DR., SUTIE 200, HADISON, HI 53219) AND HICA (MODO TRUSS COUNCIL OF MERICA, 5300 ENTERPAISE UN. HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE THRETIONS. UNLESS OTHERWISE INDICATED, FOR FORDERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CEILLING.

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

ALPINE ENGINEERED PRODUCTS, INC. SMALL NOT BE RESPONSIBLE FOR ANY DEVIATION FOR THIS DESIGN: ANY FALLURE TO BUILD THE TRUSSES IN COMMANDER SHIP HET:

BESTGAL CONTRARS WITH APPLICABLE PROVISIONS OF MOS (MATIGNAL DESIGN SPEC, BY AFRA) AND PEL

CONTROLS ARE ANDE OF ZOLOGIO BY A CONTROL SHAPE AND AND PEL

CONTROLS ARE ANDE OF ZOLOGIO BY A CONTROL SHAPE AND AND AND ANY STEEL APPLY

PLATES TO EACH FACE OF TRUSS AND. MHESS OHERNISE LOCATED ON HIS DESIGN, POSITION PER BRANHES 160A Z.

ANY INSPECTION OF PLATES FOLOGIO BY C) SMALL BE PER ANKEX A OF TELL ZOOPS SEC 3.

ASSA AND THIS DESIGN OF PLATES TOLOGIC BY C) SMALL BE PER ANKEX A OF TELL ZOOPS SEC 3.

ASSA AND THIS DESIGN OF PLATES TOLOGIC BY C) SMALL BE PER ANKEX A OF TELL ZOOPS SEC 3.

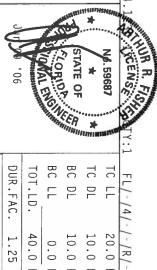
ASSA AND THIS DESIGN OF PLATES TOLOGIC BY C) SMALL BE PER ANKEX A OF TELL ZOOPS SEC 3.

ASSA AND THIS DESIGN OF PLATES TOLOGIC BY C) SMALL BE PER ANKEX A OF TELL ZOOPS SEC 3.

ASSA AND THE SUITABLILLY AND MES OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGN SHOWN.

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

ALPINE



			Her	WINNIN	# Amin	in rest
SPACING SEE ABOVE	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
JRFF- 15XX487 ZOS		SEQN- 108436	HC-ENG TCE/AF	DRW HCUSR487 0616011	DATE 06/09/06	REF R487 96018

06160116

Z03

Scale =.5"/Ft.

96018

EJ3)

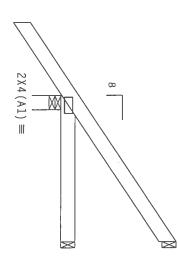
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense

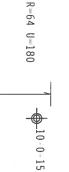
In lieu of structural panels or rigid ceiling use purlins to brace TC @ $24\mbox{"}$ OC, BC @ $24\mbox{"}$ OC.

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

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.





2

R-23 U-180 8 0 0



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

PLT TYP.

Wave

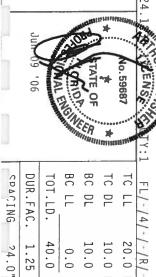
RIGIO CEILING

IMPORTANT "FIRMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

PRODUCTS, LNC. SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH PIE: OR FABRICATING, HANDLING, HAIDLING, HISTAILLING & BRACTING OF RUSSES, DESIGN CONFORMS WITH APPLICABLE PROTISIONS OF BUSS (MAIDLAND, DESIGN SPEC, BY AFRA) AND THE APPLIC CONHECTOR PLATES AND FOR 20/10/150NS (MAIDLAND, DESIGN SPEC, BY AFRA) AND THE APPLIC PLATES TO EACH FACE OF TRUSS AND FOR SPEC STORMS (MAIDLAND OF THIS DESIGN, POSITION PER DEALHOS IGNA A. ANY HIMPSECTION OF PLATES FOLLOWED BY (1) SHALL BE FOR ANDEX A. OF PHIS DESIGN, POSITION PER DEALHOS IGNA A. ANY HIMPSECTION OF PLATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT FOR ADMINISTRATION OF PLATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY OF THE FESTION SHALL BY THE ADMINISTRATION OF PLATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY OF THE 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.

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

ALPINE



	Charles of the Control of the Contro	20/1	9 9	******	87
		The state of the s	OF SER	* ''muu	M FM W
DUR.FAC. 1.25	TOT.LD.	BC LL	BC DL	TC DL	TC LL
1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
	SEQN- 108412	HC-ENG TCE/AF	DRW HCUSR487 06160117	DATE 06/09/06	REF R487 96019

Scale =.5"/Ft.

24.0"

JRFF-

1SXXAR7 ZO3

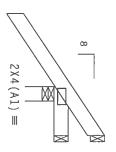
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense

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

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

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

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



59 U=180 _8-8-15

-14 U=180 8 0 0



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

PLT

TYP.

Wave

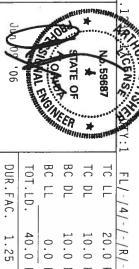
WARNING IRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING, SHIPPING, HISTALLING AND BRACING, REFER TO BEST 1 03 (BULLDING COMPONENT SAFETY INFORMATION), PUBLISHED BY FIF (TRUSS PLATE INSTITUTE, 583 D. OMOFRED BY, SUITE 200, HADISON, HI 53719) AND BUICA HADOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LW, HADISON, HI 53719) FOR BUICA FOR BUICA FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION ROOM THIS DESIGN. ANY FALLURE TO BUILD THE RUSS IN COMPONANCE WITH THE THE PRODUCTION OF THE PRODUCTION OF THE PRODUCTION OF THE PROPERTY OF THE PROPE DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPLI SEC. Z.

Alpine Engineered Products, Inc. 1950 Marley Drive Hannes City, FL 33844 icate of / nn # 567

ALPINE



			William .	inta	IN LANGE	Y: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- 108415	HC-ENG TCE/AF	DRW HCUSR487 06160121	DATE 06/09/06	REF R487 96020	Scale =.5"/ft.

SNISvas

24.0"

JREE 1SXX197 ZO3

JA1)

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

#3 2x4 SP #2 Dense:

See DWGS Al1015EE0405 & GBLLETIN0405 for more requirements.

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

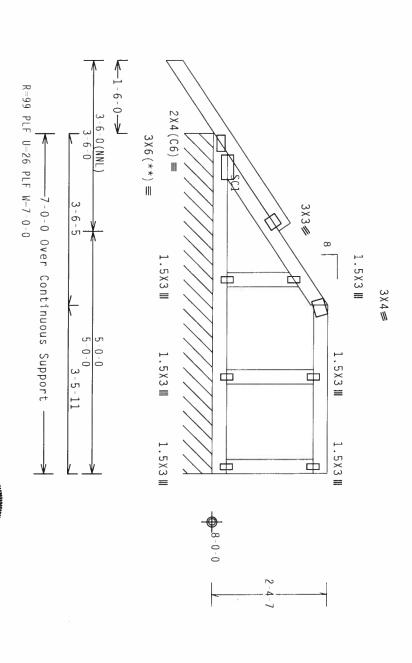
(**) 1 plate(s) require special positioning. Refer to sc plate plot details for special positioning requirements. Refer to scaled

DL=5.0 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

Right end vertical not exposed to wind pressure

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

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



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

THE P.

PLT

TYP.

Wave

MARNING HRUSSIS BEDUIRE EXPREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING.
RETER TO BEST I DO JOUILDING COMPONENT SALETY INFORMATION), PHBLISHED BY TPI (TRUSS PLATE HISTITUTE, 583 b'OHOFRIO DR., SHITE ZOD, HANDSON, H. 53719) AND MICA (MODD BIASS COUNCELD OF MERICA, 5300 ENTERPRISE LH, MADISON, H. 53719) AND THE REPRISE LH, MADISON, H. 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE THICTIONS. UNITESS OTHERWISE LHOLCATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANIELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

*** IMPUNI AN 1 *** GURNISH A GODY OF 11H3 DESIGN TO THE INSTALLATION CONTRACTOR. AND THE ENGINEERED PRODUCTS, INC. SHALL HOT BE RESPONSIBLE TOR ANY DEVALUTION FROM THIS DESIGN: ANY FALLURE, TO BUILD THE RUSSES.

DISCON CONTERNAME WITH APPLICABLE PROVISIONS OF HIDS (HANDLING, SHIPPING, INSTALLING A BRACHEGOT RUSSES.)

DISCON CONTERNAME WITH APPLICABLE PROVISIONS OF HIDS (HANDLING, SHIPPING, INSTALLING A BRACHEGOT RUSSES.)

APPLY

CONNECTOR PLACES AND CONTROL OF 207/18/16GA (N.1/15/K) ASTH AGSS GRADU, 40/50 (N. K.M.K.) GALV, STEEL. APPLY

PLATES TO EACH TACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON HIS DESIGN, POSITION FOR BRAHHEGS 16GA Z.

ANY HESPECTION OF PLACES TOLLOWED BY (1) SMALL BE FOR ANIXEX AS OF THIS 2002 SEC. 3.

ASEA, ON HISSE CONTROL OF PLACES TOLLOWED BY (1) SMALL BE FOR ANIXEX AS OF THIS 2002 SEC. 3.

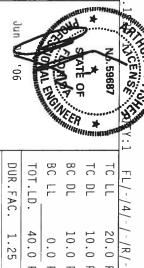
ASEA, ON HISSE CONTROL OF PLACES TOLLOWED BY (1) SMALL BE FOR ANIXEX AS OF THIS 2002 SEC. 3.

ASEA, ON HISSE CONTROL OF PLACES TO THAT THE PROPERSIONAL ENGINEERING RESPONSED LITTER SALELY FOR HIS TRUSS COMPONENT IN SECRET HERE OF THE PLACE OF THE SALELY FOR HIS TRUSS COMPONENT IN SECRET HERE OF THE CONTROL OF THE SALELY FOR HIS TRUSS COMPONENT IN SECRET HERE OF THE SALELY FOR THE THE SALELY FOR HIS TRUSS COMPONENT IN SECRET HERE OF THE SALELY FOR THE THE SALELY FOR HIS TRUSS COMPONENT IN SECRET HERE OF THE SALELY FOR THE THE DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSIJIPI I SEC. Z. **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE THISTALLATION CONTRACTOR.

Alpine Engineered Products, Inc.

ALPINE

Haines City, FL 33844 icate of / nn # 567



	2				
DUR.FAC. 1.25	TOT.LD.	BC LL	BC DL	TC DL	TC LL
1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
	SEQN- 78731 REV	HC-ENG TCE/AF	DRW HCUSR487 06160123	DATE 06/09/06	REF R487 96021

Scale =

.5"/Ft.

SDACING

24.0"

JRFF-

1SXXAR7

203

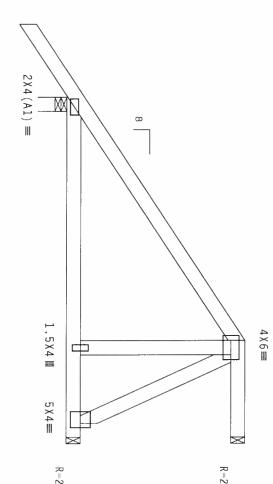
Provide Provide Top Bot In lieu of structural panels or rigid ceiling use purlins @ 24" OC, BC @ 24" OC. chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3 2 2 16d common nails (0.162"x3.5"), toe nailed at Top chord. 16d common nails (0.162"x3.5"), toe nailed at Bot chord.

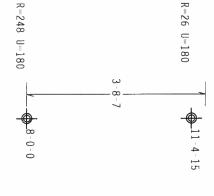
to

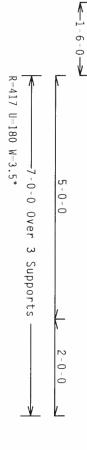
brace TC

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

Deflection meets L/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

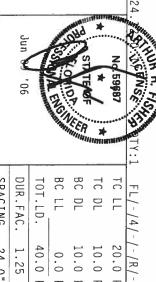
WARNING (RUSSES REQUIRE EXTRINE CARE IN FABRICATION. MANDLING. SUIPPING, INSTALLING AND BRACING RETER TO BEST 1 03 (BUILDING COMPONENT SACETY INFORMATION), PUBLISHED BY TPI (RUSS PLAIT INSTITUTE, 583 0 "OHOTRIO BR. SUITE 200, ANDISON, AN IS 53719) AND MICA (MODO RUSS COUNCEL OF ANERLA, 6300 ENTERPRISE LIM, HADISON, MI 53719) FOR SAFETY PRACTICES PRIOR 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 RIGHD CELLING.

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

ALPINE ERSPONSIBLE FOR ARY DEVIATION FROM THIS DESIGN. ARY FAILURE TO BUILD THE ROSDIES. LINE STANKEL HOT BE RESPONSIBLE FOR ARY DEVIATION FROM THIS DESIGN. FOR THIS DESIGN. THE FROM THE PROPERTY OF THE PROPERT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMST/TPJ | SEC 2.

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

ALPINE



		1				
SNISTA	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- 1SXX487 ZO3		SEQN- 108510	HC-ENG TCE/AF	DRW HCUSR487 06160093	DATE 06/09/06	REF R487 96022

Scale =.5"/Ft.

JB1)

Bot 1 Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 :Stack Chord SC1 2x4 SP #2 Dense: chord 2x4 SP #2 Dense

See DWGS Al1015EE0405 & GBLLETIN0405 for more requirements.

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

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

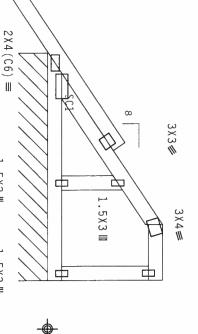
DL=5.0 psf. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC

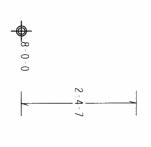
Right end vertical not exposed to wind pressure

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.

1.5X3 III





1-6-0-**√** -6-0(NNL) 0 8 φ 0 1-1-11 0

 $3 \times 6 (**) \equiv$

1.5X3 III

1.5X3 III

R=106 PLF U=39 PLF W=4-8-0 ★ 4-8-0 Over Continuous Support

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

PLT

TYP.

Wave

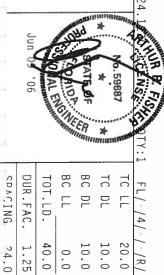
RIGID CEILING.

IMPORTANTTURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAURE TO BUILD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION ROOM THIS DESIGN: ANY FALLURE TO BUILD THE RUSS IN CONTRACHANCE WITH THE THE PROPERTY OF THE PROPE BUILDING DESIGNER PER ANSI/IPI I SEC. 2. OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

Alpine Engineered Products, Inc.

ALPINE

Haines City, FL 33844 icate of / n # 567



10.0 PSF 10.0 PSF

DRW HCUSR487 06160124

TCE/AF

0.0 PSF

40.0

PSF

SEQN-HC-ENG

78728

REV

24.0" 1.25

JRFF-

1SXXAR7

Z03

20.0

PSF

R487-- 96023

Scale = .5"/Ft.

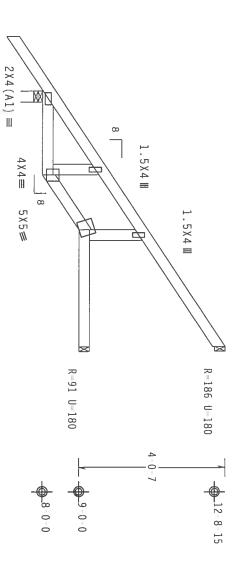
DATE REF

06/09/06

In lieu of structural panels or rigid ceiling use purlins to brace @ 24" OC, BC @ 24" OC. 16d common nails(0.162"x3.5"),
16d common nails(0.162"x3.5"), toe nailed at Top chord toe nailed at Bot chord Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

Provide Provide

22



421 U=180 W-3.5" N ú ά -7-0-0 Over 1-6-0-1 W Supports 3-2 ω

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

TYP.

Wave

RIGIO CEILING

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALP'HE ENGLISE, INC. SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSCS.

FROUNCIS, INC. SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. FARY FAILURE TO BUILD THE TRUSCS.

BESTON CONFORMS WITH APPLICABLE PROVISIONS OF THIS (MATIONAL DESIGN SPEE, BY AREA) AND TPI.

CONNECTION PALATES ARE MADE OF 70/18/16/AG, (H.H/S/S) ASTH MASS GRANDE AND ALV. STELL. APPLY

PLATES TO EACH FACE OF TRUSCS AND, UNHESS DIMENHISE LOCATED ON THIS DESIGN, POSITION PER DRAHINGS 160A Z.

ANY INSPECTION OF PLATES TOLOHED BY (1) SHALL BE FER ANDEX AS OF TPI 2002 SEC.).

ASSA. ON THIS DRAHING OF PLATES TOLOHED BY (1) SHALL BE FER ANDEX AS OF TPI 2002 SEC.).

ANY INSPECTION OF PLATES TOLOHED BY (1) SHALL BE FER ANDEX AS OF TPI 2002 SEC.).

ANY INSPECTION OF PLATES TOLOHED BY (1) SHALL BE FER ANDEX AS OF TPI 2002 SEC.).

ANY INSPECTION OF PLATES TOLOHED BY (1) SHALL BE FER ANDEX AS OF TPI 2002 SEC.).

ANY INSPECTION OF PLATES TOLOHED BY (1) SHALL BE RESPONDED TO THE TOWN OF THE TRUST SCORPOHENS. DESIGN SHOWN THE SUITABILITY AND BUILDING DESIGNER PER ANSIZTPI 1 SEC

Alpine Engineered Products, Inc. 1930 Marley Drive Hames City, FL 33844 icate of / n# 567

ALPINE



10.0 PSF 10.0 PSF 20.0 PSF

DRW HCUSR487 06160103

REF

Scale = .375"/Ft. R487--

DATE

06/09/06 96024

0.0 PSF

HC-ENG

TCE/AF 108561

SDACING 24.0" 1.25 JRFF-18XX487 Z03

40.0

PSF

SEQN-

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

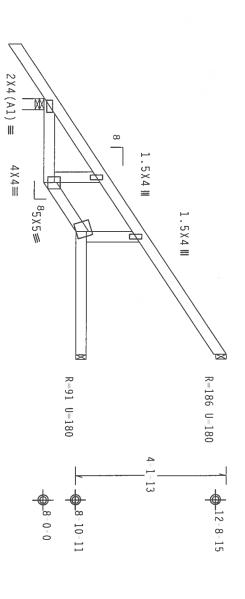
Bot chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED 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

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

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



U=180 W=3.5" 6 7-0-0 Over 1 - 4 - 0ω Supports 3-4-8

-420

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

PLT

TYP.

Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACHNG, RECER TO BOSI I O3 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IT I (RUSS PLATE INSTITUTE, 583 D'ONOFFRIO BR., SUITE 200, HADISON, HI 53719) AND HICA (MODO TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LIMADISON, HI 53719) FOR SAFETY PRACTICES PROOR TO PERFORMENT FINESE FUNCTIONS. UNLESS OTHERMISE INDICATED, TOP CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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

ALPHE ENGINEERD PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION KENN HIS DESIGN: ANY FALLURE TO BHILD THE RUSSES.

READING SELECTION FOR THE PRODUCT OF TRUSSES.

DESIGN CONFORMS HITH APPLICABLE PROVISIONS OF DOS (HATIONAL DESIGN SPEC, BY AFRA) AND FPI.

APPLY

CONNECTION FLAIRS ARE MADE OF 20183/160A (M.H.YSPL) ASTH AGES GANDE 40/50 (M.Y.H.S.) AVALY SEEEL. APPLY

PRAIRES TO EACH FACE OF TRUSS AND. UNLESS OTHERMISE LOCALED ON HITS DESIGN. POSITION FOR BRAHINGS 160A 2.

ANY HERSECTION OF PLAIRS FOLLOWED BY (1) SMALL BE FER ANNY AS OF THIS 2002 SEC. 3.

ANY ALBERT OF PRODUCTS OF TRUSS AND AND AND ANY OF THE ADOLS SEC. 3.

ANY HERSECTION OF PLAIRS FOLLOWED BY (1) SMALL BE FER ANNY AS OF THIS 2002 SEC. 3.

ANY HERSECTION OF PLAIRS FOLLOWED BY (1) SMALL BE FER ANNY AS OF THIS 2002 SEC. 3.

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

ALPINE



40.0

SEQN-

10.0 PSF 10.0 PSF

DRW HCUSR487 06160104

0.0 PSF PSF

HC-ENG

TCE/AF 108566

1.25

74.0"

JRFF-

18XX/97 Z03

20.0

PSF

REF

R487-- 96025

Scale

=.375"/Ft.

DATE

06/09/06

211 Prudential Builders, Inc. #40 Calloway II --* HJR1)

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

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

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

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

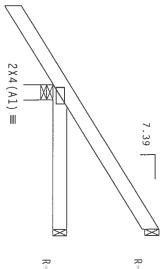
HILL DES INCIDENCE

ואחנו במנו מוכע זווומו לבמטחם פ מזוובווסזמנים! פממנוזנובם מ

INVIOLITING

Hipjack supports 2=1=4 setback jacks with no webs.

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



R-22 U-180 R=4 U=180 _11 10 12 10 0 0

11 12 2-11-12 Over 3 Supports

R-123 U-180 W-3.788"

TYP.

Wave

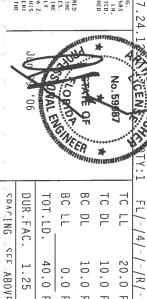
IMPORTANTTURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ANY FAULUS THE RESPONSIBLE FOR ANY DEVIATION ROW THIS DESIGN:

RNUSS IN COMPORANCE WITH PET:

RESIGN FOR THE PET:

RESIGN FO



DUR.FAC. 113 40.0 1.25 10.0 PSF 10.0 PSF 20.0 PSF 0.0 PSF ABOVE PSF DATE REF JREE-SEQN HC-ENG DRW HCUSR487 06160125 R487-- 96026 1SXX/A7 TCE/AF 06/09/06 108596

Z03

Scale = .5"/Ft.

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

Alpine Engineered Products, Inc.

ALPINE

RIGID CEILING.

Itaines City, FL 33844 icate of l n # 567

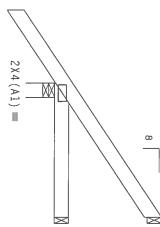
Top chord 2x4 SP Bot chord 2x4 SP #2 Dense

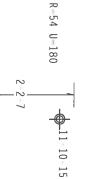
In lieu of structural panels or rigid ceiling use purlins to brace TC @ $24\,^{\circ}$ OC, BC @ $24\,^{\circ}$ OC.

Provide (2) Provide (2) 16d common nails $(0.162^{\circ}x3.5^{\circ})$, toe nailed at Top chord. 16d common nails $(0.162^{\circ}x3.5^{\circ})$, toe nailed at Bot chord.

> 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 DL-5.0

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











R-261 U-180 W-3.5*

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

PLT TYP.

Wave

RIGID CLILING.

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

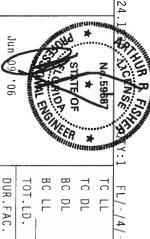
ALPTHE EMBINETED PRODUCTS, INC. SMALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN. ANY FAILURE TO BUILD THE TRUSSES.

DESIGN CONTORNS WITH APPLICABLE PROVISIONS OF MDS (MATIONAL DESIGN SPEC, BY ATRYA) AND FOT APPLICABLE PROVISIONS OF MDS (MATIONAL DESIGN SPEC, BY ATRYA) AND FOT APPLICABLE ARE HADE OF ZO/JBJ766A (H.H/S/K) ASTA A653 GRAD 40/60 (H.K/H.S) GALV, STEEL. APPLIC PLAIES TO FLAIT ACCT OF THUSS AND. UNESS OTHERWISE (DOCATED ON HIS DESIGN, POSITION PER BRANTINGS HOAD. ANY HISTECTION OF PLAIES FOLOHED BY (I) SMALL BE FOR ANNEX A 30 FP11 ZOOZ SEC.3.

A SEAL ON HIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL BEIGHERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT FOR ANY BUILDING IS HER RESPONSIBILITY OF THE DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

ALPINE



/-/R/-

Scale =.5"/Ft. R487--



SNIJVGS 1.25 74.0" JRFE-

40.0 PSF

SEQN-

108590

0.0 PSF

HC-ENG

TCE/AF

10.0 PSF 10.0 PSF 20.0 PSF

DRW HCUSR487 06160126

DATE REF

06/09/06

96027

ISXXART 203

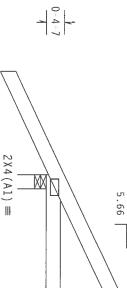
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense

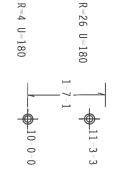
In lieu of structural panels or rigid ceiling use purlins to brace @ 24" OC, BC @ 24" OC.

Provide (2) 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 $1.50\,\cdot$







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

PLT

TYP.

Wave

***MARNING** TRUSTS REQUIRE CYTECH! CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.

RETER TO BEST 1 D3 (BUILDING COMPONENT SAFELY NEOWATION), PUBLISHED BY IPT (RRUSS PLAIE INSTITUTE, SO D "OMOTRIO DR., SUITE ZOO, MADISON, MI 53719) AND MICA (MODO BRUSS COUNCIL OT AMERICA, 6300 ENTERPRISE LN., MADISON, MI 53719) FOR SAFELY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE, INDICATED, TOP COURD SONAL HAVE PROPERLY ATTACHED STRUCTURAL PARIELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CELLING.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE TRADUCTS, INC. SMALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FALLERE TO BUILD THE RESULT OF THE RESPONSIBILITY OF THE BUILDING DESIGNER FER ANSI/IPI I SEC. 2.

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

ALPINE



		1.25	DUR.FAC.
SEQN- 108601	PSF	40.0 PSF	TOT.LD.
HC-ENG TCE/AF	PSF	0.0 PSF	BC LL
DRW HCUSR487 06160127	4S.d	10.0 PSF	BC DL
DATE 06/09/06	PSF	10.0 PSF	TC DL
REF R487 96028	PSF	20.0 PSF	TC LL

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

Scale

=.5"/Ft.

SNISvas

24.0"

JRFF-

1SXX187

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

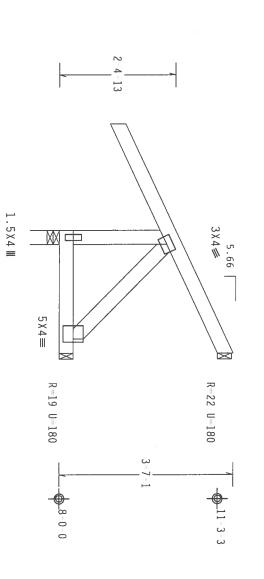
In lieu of structural panels or rigid ceiling use purlins @ 24" OC, BC @ 24" OC. to brace TC

Provide Provide

22

16d common nails (0.162 "x3.5 "), toe nailed 16d common nails (0.162 "x3.5 "), toe nailed

at Top chord. at Bot chord.



2 ယ် R-313 U-180 W-3.45" 6 4 Over 3 Supports

PLT

TYP.

Wave

Design Crit: TPI-2002(STD)/FBC 7.

***MARNING** IRRISSES REQUIRE EXTREM CARE IN FABRICATION, INMULTING, SUPPLING, INSTALLING AND BRACING, RETER TO BEST 1 03 (BUILDING COMPOUND CARE IN FABRICATION, PROLITED SUPPLING, SUPPLING, AND BRACING, RETER TO BEST 1 03 (BUILDING COMPOUND CARE IN FABRICA, 6000 ENTERPRISE U.M. PROLITED, STALL INSTITUTE, SA3 D'AMERICA, 6000 ENTERPRISE U.M. MADISON, UL 53/19) FOR SALETY PRACTICES FROM TO PERFORMING HIESE EDIRCHOS, UNICSS OTHERWISE INDICATED.

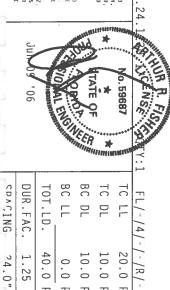
TOP CHORD SINAL MATE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL MATE A PROPERTY ATTACHED. RIGIO CEILING.

IMPORTANTTURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FALURE TO BUILD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVALUTION FROM THIS DESIGN: ANY FALURE TO BUILD THE BRUSDES IN CONTRACHANCE HITH PIT. OR FABRICATING, HANDLE, SHIPPING, HISTALLING A BRACHING OF HOUSES. BUSINESS OF MOS (MATIONAL DESIGN SPEC, BY AFRA) AND IPI. APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY AFRA) AND IPI. APPLY CONNECTOR PLATES ARE HANG OF 70/18/160A (M.H/S/S) ASTM AGS GANDE 40/60 (M. K.M.S) GANY. APPLY PLATES TO ACH FACE OF TRUSS AND. UNLESS OF MICRALS TO ACH FOR CONNECTOR PLATES ARE HANG OF 70/18/160A (M.H/S/S) ASTM AGS GANDE 40/60 (M. K.M.S) GANY. APPLY PLATES TO ACH FACE OF TRUSS AND. UNLESS OF MICRALS TO ACH FOR CONNECTOR PLATES TO ACH FACE OF TRUSS AND. UNLESS OF MICRALS TO ACH FOR CONNECTOR PLATES TO ACH FACE OF TRUSS AND. 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. NOMESTED FASTS ARE HADE OF FUTER JEGGA (H.H.S.M.) ASHA A653 GRADE GAJOG (H. K.M.S.) GALV. SIEEL. APPLY PLATES TO EAST ACTE OF TRUSTS AND, UNLESS DIMERNIS LOCATED ON THIS DESIGN, POSITION PER DRAHINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A3 OF TPIT 2002 SEC. 3. A SEAL ON THIS DRAHING LOCATED AS SEAL ON THIS DRAHING LOCATED AS SEAL ON THIS DRAHING LONG COMPONENT AS A SEAL ON THIS DRAHING LIBITATIES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLETY FOR THE TRUSS COMPONENT DESIGNAL CONTINUES AND ASSESSMENT AS A SEAL ON THE SHILDRAHIT AS A

Alpine Engineered Products, Inc.

ALPINE

Haines City, FL 33844 icate of / m # 567



10.0 PSF 10.0 PSF 20.0

DRW HCUSR487 06160128

PSF

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

DATE REF

06/09/06 96029

0.0 PSF PSF

HC-ENG

TCE/AF 108613

40.0

SEQN-

24.0" 1.25

JRFF-

1SXX/AR7

Top Bot

9

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

Left end vertical not exposed to wind pressure

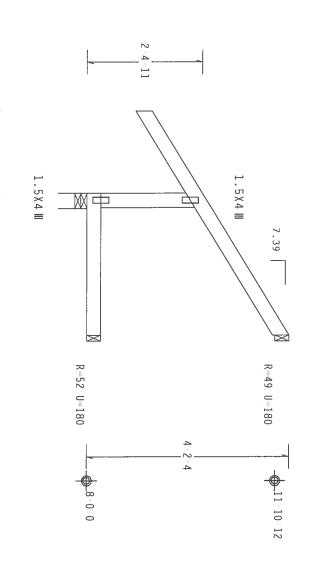
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is $1.50\,.$

SPECIAL LOADS -- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
From 63 PLF at -1.63 to 63 PLF at 2.91
From 5 PLF at -1.63 to 5 PLF at 0.00
From 20 PLF at 0.00 to 20 PLF at 2.91 om 5 PLF at -1.63 to om 20 PLF at 0.00 to 19 LB Conc. Load at 2.01

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

Provide connection for concentrated load(s) shown.

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



1-8-4--277 U-180 W-3.788" 11 0 Over 3 Supports

TYP.

Wave

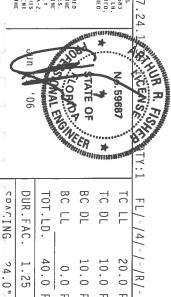
RIGID CEILING.

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

ANY FALURE TO BUILD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION ROOM THIS DESIGN. ANY FALURE TO BUILD THE ROOMS IN CONTRACTOR THIS THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE OF THE PRODUCTS INC. SHAPPING, INSTALLING A BRACTHE OF TRUSSES. DESIGN CONTRACTOR PAIRS HILL APPLICABLE PROVISIONS OF INDS. (MATIONAL DESIGN SPEC, BY AFAFA) AND IPI. APPLICABLE PROVISIONS OF INDS. (MATIONAL DESIGN SPEC, BY AFAFA) AND IPI. APPLY CONNECTION PAIRS AT MADO OF 20/18/16/AA (M.H.)/SY). ASIA MASS GRADE ADJO. (M.K.). SIELL. APPLY PAIRES TO FACE OF THUSS AND, UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER BRAHHOS 160A-Z. ANY HILLS DESIGN TO FALLS FOLLOWED BY CONTRACTOR CONTRACTORS. AS A LAD IN HIS BRAHHOS LOCATED ON THE PROPERTY OF THE RUSS COMPONENT OF THE FORM SHALL NOT THE PROPERTY OF THE RUSS COMPONENT OF THE FORM SHALL NOT THE PROPERTY OF THE RUSS COMPONENT OF THE FORM SHALL NOT THE PROPERTY OF THE RUSS COMPONENT OF THE FORM SHALL NOT THE PROPERTY OF THE RUSS COMPONENT OF THE FORM SHALL NOT THE PROPERTY OF THE RUSS COMPONENT OF THE FORM SHALL NOT THE PROPERTY OF THE RUSS COMPONENT OF THE FORM SHALL NOT THE PROPERTY OF THE PRO 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.

Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844 reate of / nn # 567

ALPINE



			Table!	ER	*	10/195
SNISVOS	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	ול דר
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JRFF- 15XX/A7 Z03		SEQN- 108619	HC-ENG TCE/AF	DRW HCUSR487 06160129	DATE 06/09/06	REF R48/ 96030

Scale =

5"/Ft.

96030

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

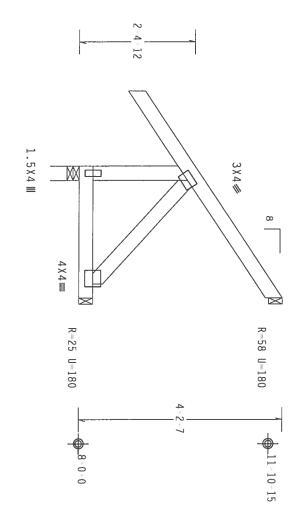
Left end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

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 anywhere in roof, CAT II, EXP B, wind psf. 7.02, CLOSED bldg, Located TC DL-5.0 psf, wind BC DL-5.0

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

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



1 6 8 − **2** 8 8 Over 3 Supports -251 U-180 W-3.5"

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

PLT

TYP.

Wave

WARNING IRUSSES REQUIRE EXTREME CARE IN FABRICATION. INMOLING. SHIPPING, INSTALLING AND BRACING RETER TO BEST 1 O3 (BUILDING COMPONEN) SACTY INFORMATION, PHRISTING). PHRISTING BY IPI (TRUSS PLAIE INSTITUTE, 583 D "OMORFIO DB. SHITE ZOD, ANDISON, AN ISSJES AND HICA (MODO FRUSS COUNCEL) OF AMERICA, 6300 ENTERPRISE LM, ANDISON, AN ISSJES PROB TO PERFORMING THESE TUNCTIONS. UNLESS CHIERMISE INDICATED. TOP CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILLING.

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

ALPHE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVLATION FROM THIS DESIGN.

PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVLATION FROM THIS DESIGN.

BESCHEN CONFORMS WITH APPLICABLE PROVISIONS OF NOS (NATIONAL DESIGN SPEC, BY AFAPA) AND TPL.

APPINE CONNECTOR PLATES ARE MADE OF ZO/10/16GA (H.H/S/K) ASTA AGGS GRAD 40/50 (H.K/H.S) GALV. STEEL. APPLY PLATES TO EACH FACE OF RESES AND, UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DEALHERS LOCATED ANY LIKESCHION OF PLATES FOLLOWED BY (1) SHALL BE PER AFMEX A TO (PPI 2007 SEC.). A SEAL ON THIS DEALING INDICATES ACCEPTANCE OF PROFESSIONAL BEGINNERS HOR REPORTSHILLTY SOLLEY FOR THE TRUSS COMPONIENT DESIGN SHOWN.

DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE REMIST/TPT T SEC. 7.

Alpine Engineered Products, Inc. 1950 Marley Drive

ALPINE

Cate of A n # 567

BUILDING DESIGNER PER



40.0

SEQN-

108626

1.25

24.0"

JRFF-

ISXXAA7

Z03

10.0 PSF

DRW HCUSR487 06160130

0.0 PSF PSF

HC-ENG

TCE/AF

10.0 PSF 20.0 PSF

DATE

06/09/06

REF

96031

Scale = .5"/Ft R487-

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

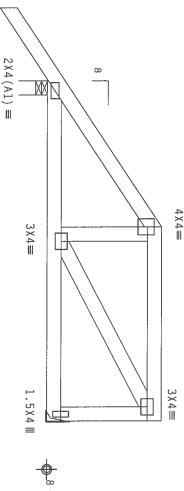
In lieu of structural panels or rigid ceiling use purlins brace TC @ 24" OC, BC @ 24" OC.

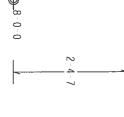
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

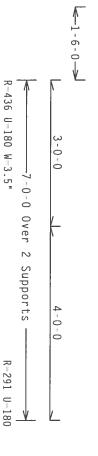
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure

#1 hip supports 3-0-0 jacks with no webs.







TYP.

Wave

RIGIO CEILING.

IMPORTANT THEN IS A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

PRODUCTS, HAC, STACL NOT BE GESPONSING FOR MY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONTORNANCE WITH TOT: SHEET CONTROL OF REALPH AND THE SESSES.

DESIGN CONTORNANCE WITH TOT: SHEET PROVISIONS OF NDS (MATIONAL DESIGN SPICE, BY ARBA) AND THI. ARE THE CONNECTOR PLATES ARE THANK OF THE PROVISIONS OF NDS (MATIONAL DESIGN SPICE, BY ARBA) AND THI. ARE THE CONNECTOR PLATES ARE THANK OF THE PROVISIONS OF NDS (MATIONAL DESIGN SPICE).

AND THE COUNTRY OF THE SESSES O ATTHE APPLY ANY IMPECTION OF PLATES FOLLOWED BY COMPONENT FOR AMERICAN FOR HIS SOCIAL PORT OF THE STORY AND THE SOCIAL PORT OF THE SOCIAL PORT OF

Alpine Engineered Products, Inc.

ALPINE

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



SDACING SEE WOORE	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL
EE VBOAE	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JRFF- 1SXX187 ZO3		SEQN- 108476	HC-ENG TCE/AF	DRW HCUSR487 06160118	DATE 06/09/06	REF R487- 96032

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

Scale =

5"/Ft

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

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

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

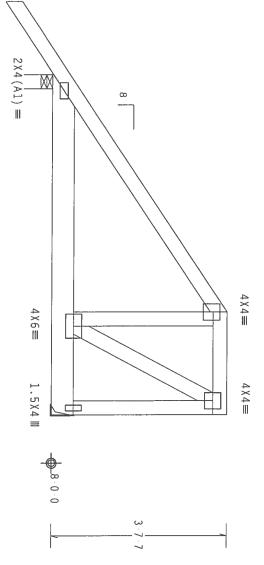
to

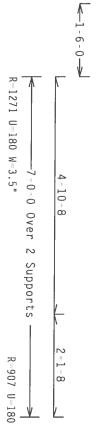
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

BC BC BC SPECIAL LOADS From (LUMBER 495 LB Conc. Load at 1.06 ER DUR.FAC.=1.25 / 64 PLF at -1.50 t 5 PLF at -1.50 t 20 PLF at 0.00 t 0 01 0.1 PLATE 64 PLF at 5 PLF at 20 PLF at 3.06, 5. DUR.FAC. 5.06 .=1.25) L 7.00 L 0.00 7.00

Right end vertical not exposed tο wind pressure

Provide connection for concentrated load(s) shown





PLT TYP. Wave

WARNING IRUSSIS REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING. RETER TO BEST 1 03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IPI (TRUSS PLATE INSTITUTE, 583 D'OHOFRIO BR. SUITE 700, ANDISON, HI 53719) AND MICA (MODOD RIMSS COUNCIL OF AHREICA, 6300 ENTERPRISE LIM, HADISON, HI 53719) JOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. HHE'SS OTHERHISE INDICATED. TOP CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CELLING. TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

Design Crit:

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

ALPHAL BREED PRODUCTS, INC. SHALL HOT BE RESPONSIBLE FOR ANY OBVIATION FOR HITS DESIGN: ANY FALLING IN BRILLING IN BUILD THE TRANSES IN CONFORMACE WITH HE!

ROSS IN CONFORMACE WITH HE!

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF ROS (UNITIONAL DESIGN SPEC, BY AFRAY) AND PT!

CONNECTED TALKES ARE MADO OF 20/18/166A (M-1/5/5/A) ASIA 4635 GANDE 40/60 (M- K/H-S) CALV-STEEL, APPLY PA.ALES 10 EACH FACE OF TRUSS AND, UNITES OFFICEABLE LOCATED MI HIS DESIGN, POSITION FER BRAHINGS 166A, 2.

ANY HISPECTION OF FLATES FOR LOUGHED BY (1) SMALL BE FER ANDEX AS OF FPT1 2002 SEC 3.

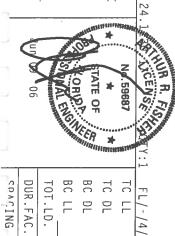
A SCAL ON HISPECTION OF FLATES FOR LOWER BY (1) SMALL BE FER ANDEX AS OF FPT1 2002 SEC 3.

A SCAL ON HISPECTION OF FLATES FOR POSITIONAL ENGINEERING RESPONSIBILITY SOURCE YEAR OF THE SECONDARY OF THE SEC DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER FER ANSI/IPT I SEC. 2.

Alpine Engineered Products, Inc

ALPINE

Ilaines City, FL 33844 cate of A n # 567



		786	MININ	# IIImu	EESS TOOL	00EY: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- 108465	HC=ENG TCE/AF	DRW HCUSR487 06160115	DATE 06/09/06	REF R487 96033	Scale =.5"/Ft.

115

200

abovo

JRFF-

1SXX/87

Z03

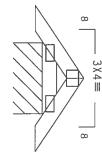
Top chord 2x4 SP Bot chord 2x4 SP #2 Dense #2 Dense

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

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

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



10 V 5 2X4(A1) =8-110-8-11 2X4(A1) =√₂

R-113 PLF U-124 PLF W-1-5-6 5-6 Over Continuous Support

PLT TYP. Wave

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

WARNIMG IRUSSES BEDNIBE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING RITER TO BEST 1 03 (BUILDING COMPORINT SALTY INFORMATION), PUBLISHED BY 1PH (RBUSS PLATE INSTITUTE, 583 D'OBORRIO DE, SUTIE 200, MADISON, HI 53719) AND MICA (MODO TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE UM, MADISON, HI 53719) FOR SAFTLY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNIESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILLING.

IMPORTANTrurrish a copy of this design to the Installation contractor.

ALPTHE ENGINEERED PRODUCTS, THE CONAL HOLD BE RESPONSIBLE FOR ANY DELIVATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE ROUSE IN COMPORANCE WITH FELT.

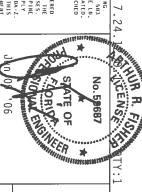
BUSIGN CONFORMS WITH APPLICABLE FOR RAY DELIVE, MANDIAGE, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE OF PARTYSIONS OF HOS SHANDAND LESS AND FOLLOWS OF THIS DESIGN SPEC, BY ATRAN AND TPI.

CONNECTION PARTS ARE MADE OF ZO/AJBGAGA (H.H.SZY) ASTH MASS GRADE GA/GO (K.K.H.S.) GAUY, SIELE. APPLY OF ALES TO EACH FACE OF TRUSS AND, JUNESS OTHERNIES LOCATED ON THIS DESIGN. POSITION FER BRAHINGS 160A-Z.

ANY INSPECTION OF PARTES TOLLOWED BY (1) SHALL BE FER ANKER AS OF TPIL ZOOZ SEC.3.

ASSAL ON THIS SUMMA: THE SULFABILITY NO USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUSS COMPONENT DUSTION DESIGNED PER ANGLE WITH THE SULFACE OF PROFESSIONAL ENGLINEERING RESPONSIBILITY SOLELY FOR THE BUSS COMPONENT DUSTION DESIGNED PER ANGLE FOR THE SULFACE OF THIS DESIGN SHOWN.

HIL SULFABILITY ON USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE



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

Scale =

5"/Ft.

96034

		HARAS.	AC IN	EER	i >	37
DNISTOS	DUR.FAC.	T0T.LD.	BC LL	BC DL	TC DL	ול רר
24.0"	1.25	32.0 PSF	0.0 PSF	2.0 PSF	10.0 PSF	20.0 255
SOZ ZBVXXSI - JJAP		SEQN- 15216 RE	HC-ENG TCE/AF	DRW HCUSR487 06160137	DATE 06/09/06	REF R487 96034

Alpine Engineered Products, Inc. Haines City, FL 33844 icate of / on # 567 ALPINE

REV

abcun

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

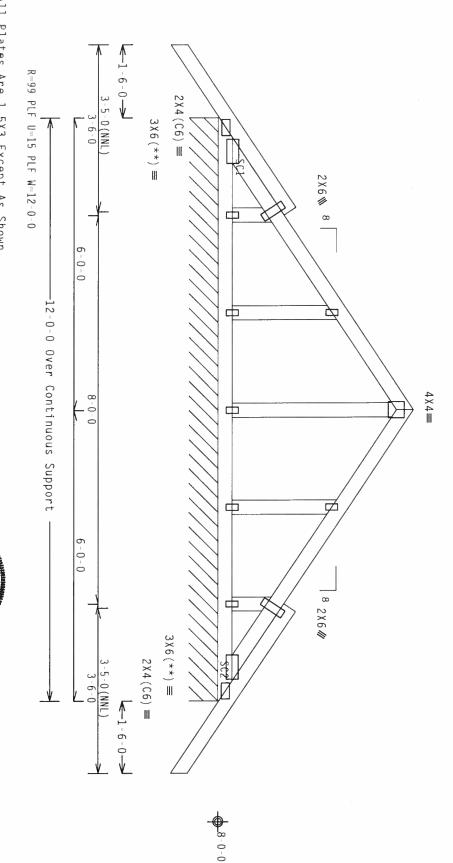
See DWGS All015EE0405 & GBLLETIN0405 for more requirements

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

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 OL=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.



Note: All Plates Are 1.5X3 Except As Shown.

PLT TYP. Wave

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

IMPORTANTFURNISH A COPY OF THIS BESIGN TO THE INSTALLATION CONTRACTOR.

ALPHE ENGINEERED PRODUCTS, INC. SHALL NOT BER RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FALLERE TO BUILD THE TRUSS IN CONFORMANCE AITH PIC.

BESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY ARRA) AND FFI.

APPLY CONTROLES ARE MADE OF 20/18/18/06A (M.)4/5/4/5/A STH AGES GRADE 40/50 (H. KM.H.) AAVE, STEEL APPLY PLATES TO EACH FACE OF TRUSS AID, UNITESS DIFERNIS CONTROLED IN THIS DESIGN, POSITION PER DOMATHOS SHOW.

PLATES TO EACH FACE OF TRUSS AID, UNITESS DIFERNIS LOCATED ON THIS DESIGN, POSITION PER DOMATHOS SHOW.

ANY IMPROCLION OF PLATES ACCORDING OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE BUILDING DESIGNER PER ANSI/IPI I SEC. 2. OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

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

ALPINE



			-	"Hill	imu	interest
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 1SXX487_Z03		SEQN- 15213 REV	HC-ENG TCE/AF	DRW HCUSR487 06160133	DATE 06/09/06	REF R487 96036

Scale =.5"/Ft

SPACING

24.0"

JREF-

1SXX487_Z03

GE)

Top chord 2x4 SP | Bot chord 2x4 SP | Webs 2x4 SP | :Stack Chord SC1 :Stack Chord SC2 2×4 2×4 #2 Dense #2 Dense qs qs Dense: Dense:

See DWGS A11015EE0405 & GBLLETIN0405 for more requirements.

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

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

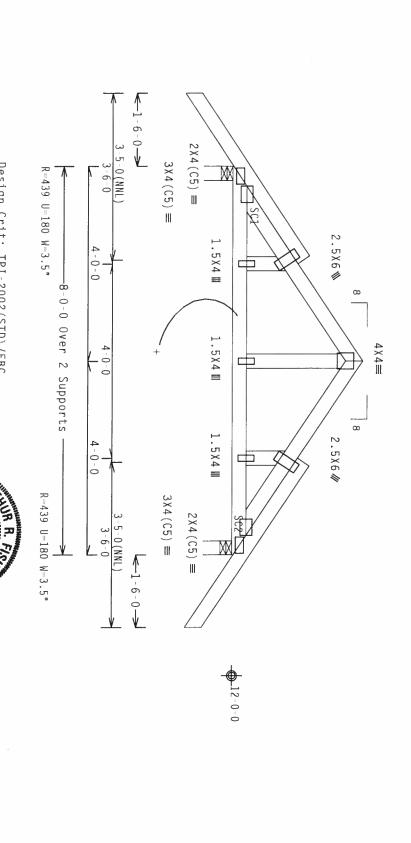
Member to be laterally braced for horizontal wind loads. Bracing system to be designed and furnished by others.

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

Gable end supports 8" max rake overhang

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

The Building Designer is responsible for the design of the roof and ceiling diaphragms, gable end shear walls, and supporting shear walls. Shear walls must provide continuous lateral restraint to the gable end. All connections to be designed by the Building Designer.



WARNING IRUSSES REQUIRE EXIRCHE CARE IN FABRICATION, INABLING, SHIPPING, INSTALLING AND RRACING, RETER 10 BCSI 1 03 (BUILDING COMPONENT SAFETY HEOGRAFION), EPRI-INEED BY PET (RIMSS PLATE INSTITUTE, 583) D'ONDEFRIO DR., SUITE 200, HADISON, MI 53719) AND WICA (MODO TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE UN. MADISON, MI 53719) AND WICA (MODO TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE UN. MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING INESS FUNCTIONS. DURESS OTHERNISE INDICATED, TOP CHORD SHALL HAVE A PROPERTY ATTACHED Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

TYP.

Wave

IMPORTANTTURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FALINE TO BUILD THE PRODUCTS, THC. SHALL HOT BE RESPONSIBLE FOR MAY DEVALATION FROM HIS DESIGN: ANY FALINE TO BUILD THE FRANCIS IN CONTRAMANCE WITH THE FOR FARRICATING, HANDLING, SHIPPING, INSTALLING & BRACTING OF HUSSES, DESIGN CONTRAMANCE WITH FIT: OR FARRICATING, HANDLING, SHIPPING, INSTALLING & BRACTING OF HUSSES, DESIGN CONTRACT WITH APPLICABLE PROVISIONS OF HOS (MAISTONA DESIGN FORCE, BY ATRAY) AND FIT: APPLY EQUILICATE PLATES ARE HADE TO ZO/FOTGA (M.H./S) ATH A 653 GRACT GAGGE OFFOR WITH, STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND, MULTES OTHERMISE, DOCATED ON THIS DESIGN, DOCUMENT AS EACH OFFOR THE FORMATION OF PLATES FOR LOOKED OF PROTESSIONAL ENGINEERING RESPONSIBILLITY SOLETY FOR THE RUSS COMPONENT

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

ALPINE

RIGID CEILING





PACING 24.0"	UR.FAC. 1.25	0T.LD. 40.	C LL 0.	C DL 10.	C DL 10.	C LL 20.
0	ဟိ	0	0	0	0	0
•		40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JREF 1SXX487 Z03		SEQN- 108549	HC-ENG TCE/AF	DRW HCUSR487 06160134	DATE 06/09/06	REF R487 96038

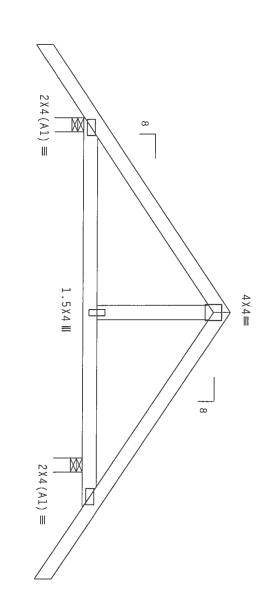
Scale =.5"/Ft

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

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

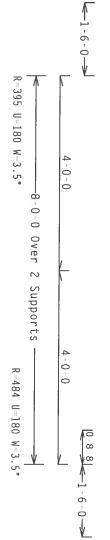
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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





0



Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)***WARNING** Irusses negative extrem care in fabrication, inabiling, suitping, installing and bracking, relief to 8.651—10.3 (Building component safety indoration), published by the cribic property, 4.300 enterprise in 0.000 from Dr. Suite 200, habison, at 1.33193 and Decorpooling safety processes the market indexense inclines uncless otherwise indexense indexense inclines and the property attached structural parents and botton chord shall have property attached structural parents and botton chord shall have property attached structural parents and botton chord shall have a property attached structural parents and botton chord shall have a property attached structural parents.

PLT

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Wave

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

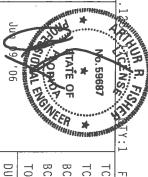
ALPINE TRIGHTERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FALLURE TO BUILD THE ROUSES IN CONCOMMANCE ATHY PET:

BESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY AFRA) AND PET.

CONNECTION PALESTS ARE ANDE OF 20/189/166A (A) H/5/27) ASTH AGS GRADE A0/50 (4, K/H.S) OAU, STEEL APPLY PLATES TO TACH FACE OF TRUSS AND. DILESS OTHERWISE (DOCATED ON THIS DESIGN, POSITION PER BRAHMES 160A 2, ANY 1878-CETON OF PLATES TO CHOPED BY (1) SMALL BE FER ANNY XA DO TEPI ADORS SEC. A AS ALON HITS DESIGN OF PLATES TO CHOPED BY (1) SMALL BE FER ANNY XA DO TEPI ADORS SEC. A AS A ON HITS DESIGN SHOWN. THE SHIFT AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/PPI 1 SEC. 2.

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

ALPINE



TOT.LD. 40.0 PSF SEQN- 1085;	BC LL 0.0 PSF HC-ENG TCE/AF	BC DL 10.0 PSF DRW HCUSR487 06160135	TC DL 10.0 PSF DATE 06/09	TC LL 20.0 PSF REF R487 9	FL/-/4/-/-/R/- Scale =.5"/Ft.
108523	CE/AF	487 0616013	06/09/06	R487 96039	.5"/Ft.

SPACING

24.0"

JREF-

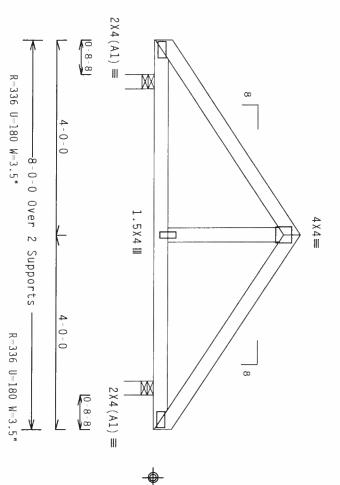
1SXX487_Z03

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

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

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.



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

TYP.

Wave

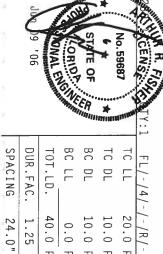
WARNING IRRISES REQUIRE EXTREME CARE IN FARRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING, RETER TO BEST 10 3 (BULLDING COMPORED TASKETY HIN GRANTION), PULLISHED BY TPJ (RRISS PLATE INSTITUTE, 583 D'OHORRIO BA, SUTIE 200, HADÍSON, HI 53719) AND MECA (4000 TRUSS COUNCEL OF ANTEKA, 6300 ENTERPRISE LH, HADISON, HI 53719) FOR SAFETY PRACIFICES PRIOR TO PERFORMING INFST FUNCTIONS. UNLESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CELLING.

IMPORTANT*URMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FALURE TO BUILD THE PRODUCTS. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION HOOF THIS DESIGN. ANY FALURE TO BUILD THE TRANSES IN COMPREMENT HIM THE!

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

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

ALPINE



S	DI	1(B	**************************************	HILLIAN .	TY:1
SPACING	DUR.FAC.	TOT.LD.	8C 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/-
_		PSF	PSF	PSF	PSF	PSF	
JREF - 15XX487 Z03		SEQN- 108541	HC-ENG TCE/AF	DRW HCUSR487 06160136	DATE 06/09/06	REF R487 96040	Scale = .5"/Ft.

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 SCAB

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

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

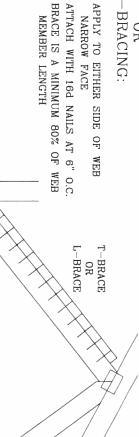
T-BRACE, L-BRACE AND SCAB BRACE TO BE SAME SPECIES AND GRADE OR BETTER THAN WEB MEMBER UNLESS SPECIFIED OTHERWISE ON ENGINEER'S SEALED DESIGN.

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

T-BRACING

L-BRACING:

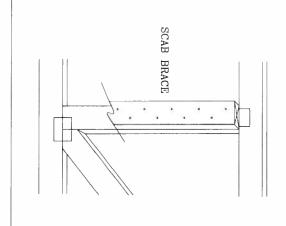
BRACE IS A MINIMUM 80% OF WEB ATTACH WITH 16d NAILS AT 6" O.C. MEMBER LENGTH



T-BRACE L-BRACE

SCAB BRACING:

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



THIS DRAWING REPLACES DRAWING 579,640

	A R. Fig.		THIS DRAWING REPLACES
XTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND ILIDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS	R CENSE TO	TC LI	
K., SUITE ZUU, MAUISUN, WI. 53/19) AND WICA (WOOD TRUSS COUNCIL MADISON, WI 53/19) FOR SAFETY PRACTICES PRIOR TO PERFORMING VISE (NDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED	Ng/59687	TC DL	נ
HORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.	* * **********************************	BC DI	
HIS DESIGN OF INSTALLATION CONTRACTOR. ALPINE ENGINEERED WITH THE DESIGN, ANY FAILURE TO WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING &	STATE OF CHANGE	BC LL	
FRMS, WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC,) COTOR PLATES ARE MADE OF 20/18/16GA (W.H/S/K) ASTM A653 GRADE BY PLATES TO FACH FACE OF TRUSS AND HOWESS OTHERWISE THOATEN	LORIO	TOT. LD.	,D.
WINGS 160A-Z. ANY INSPECTION OF PLATES OFFICENCE BY (1) SHALL EC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF SIBILITY SOLETY FOR THE TRUSS CHAPONET IN FRIGH SHOWN THE	SIONAL EX	DUR. FAC.	FAC.
PONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING		SPACING	NG

MLH/KAR BRCLBSUB1103 11/26/03 CLB SUBST.



WAVARNINGM TRUSSES REQUIRE EXTREME
BRACKING, REFER TO BESI 1-03 (BUILDING)
PLATE INSTITUTE, 583 D'UNDERIO DR. SUIT
OF AMERICA, 6300 ENTERPRISE LN. HADISON
THESE FUNCTIONS. UNLESS DITHEMISE INI
STRUCTURAL PANELS AND BOTTOM CHORD SI CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND

| WINDERTANT ME FURNISH COPY OF THIS
| PODUCTS INC. SHALL NUT BE RESONN
BUILD THE TRUSS IN CONCORMANCE VITI
BRACING OF TRUSSES IN CONCORMON
BY AFSIAN AND TRY SAFIE CONNECTO
AND THIS DESIGN CONTON
BY THE ORSIGN AND THIS CONCORMON
BY AFSIAN AND TRY SAFING ARSPONSIBLE
OF PROFESSIONAL ENGINEERING RESPONSIBLE

PROFESSIONAL ENGINEERING RESPONSIBLE

| WINDERSON SAFING CONTON
| WINDERSO

CHORD FILLER DETAIL

OFFSET FILLER DETAIL

PIGGYBACK PLATE OR 3X6 TRULOX

*

- SPACING. ATTACH TO EACH TUP CHURL WILL (*), TO BE SUPPLIED AND ATTACHED AT BOTH ENDS TO A SUITABLE SUPPORT BY ERECTION CONTRACTOR. 2X4 CONTINUOUS LATERAL BRACING AT 24" OC MAXIMUM ACING. ATTACH TO EACH TOP CHORD WITH (2) 16d NAILS.
- ++ 2X4 SO. PINE #2 N OR SPF #1/#2 FILLER TOP CHORD
- 2X4 SO. PINE #3 OR SPF #1/#2 VERTICAL WEBS SPACED 48" OC MAXIMUM.
- 8/12 MAXIMUM PITCH.
- ** 2X8.25 PIGGYBACK SPECIAL PLATE. SEE DRAWING PIGBACKB0699 FOR PIGGYBACK SPECIAL PLATE INFORMATION.
- *** 6'0" MAXIMUM HEIGHT.
- † W2X4 OR 3X6 TRULOX.

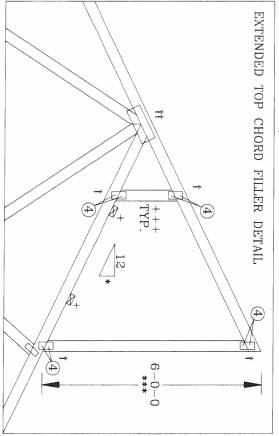
(4)

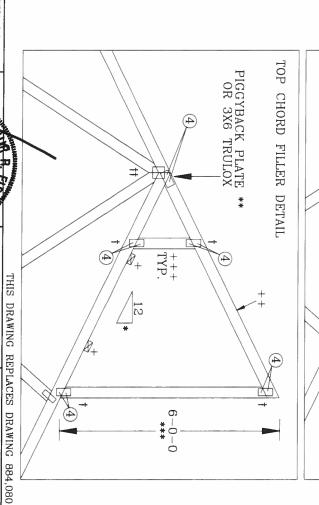
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- †† REFER SHOWN DETAIL FOR LUMBER, PLATES, AND OTHER INFORMATION NOT TO ENGINEER'S SEALED DESIGN REFERENCING THIS
- TRULOX PLATE REQUIREMENTS EACH FACE OF EACH TRUSS PLY. SEE DWG 11 GAUGE (0.120")X1.375" NAILS REQUIRED FOR TRULOX PLATE ATTACHMENT. NAILS SPECIFIED IN CIRCLES MUST BE APPLIED TO 160TL FOR NAILING AND







WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INGTHATION), PUBLISHED BY TRI (TRUSS PLAIE INSTITUTE, 593 (DUDORIO DR. SUITE 200, HADISSIN, V. 153719) AND VICA (**ODD TRUSS CONDUCT OF AMERICA, 6300 ENTERPRISE LN, HADISSIN, VI 53719) FOR SAFETY PRACTICES PRIGHT TO PERFORMING THESE FINCTIONS. UNLESS GTHERVISE (BUILDATE), TOP CHIRD SHALL HAVE PROPERLY ATTACHED RIGHD CEILING STRUCTURAL PANNELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CEILING.

STATE OF CORVOR

DUR. FAC. TOT. LD.

1.15 OR 1.33 24.0

MAX

55

PSF PSF

0

SPACING

TC DL BC DL ВС

MAX 15 PSF

DATE REF

MAX

10 PSF

DRWG

TCFILLER1103 SJP/KAR

TC

MAX

30 PSF

TC-FILLER 11/26/03

BOTTOM CHORD FILLER DETAIL

* SIZES (1X3 WAVE) MAY BE USED IF BEARING IS OMITTED. WEDGE OPTIONAL INTERIOR OR CANTILEVER BEARING. MINIMUM PLATE OR VERTICAL MEMBER MUST COINCIDE WITH BEARING LOCATION

11 GAUGE (0.120")X1.375" NAILS REQUIRED FOR TRULOX PLATE ATTACHMENT. NAILS SPECIFIED IN CIRCLES MUST BE APPLIED TO EACH FACE OF THE TRUSS. SEE DWG 160TL FOR NAILING AND TRULOX PLATE REQUIREMENTS.

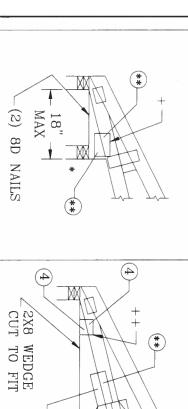
3X4 WAVE OR 4X8 TRULOX

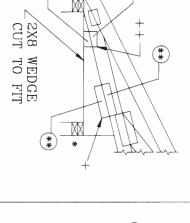
+ 2X4 WAVE 0R 3X6 TRULOX

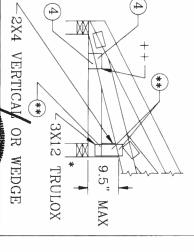
SHOWN. DETAIL REFER To FOR LUMBER, PLATES, AND OTHER INFORMATION NOT ENGINEER'S SEALED DESIGN REFERENCING THIS

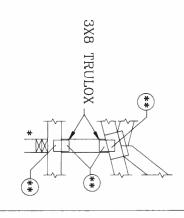
MAYALL TRULOX PLATES SHOWN ARE MINIMUMS. TRULOX PLATES SHOWN ARE MINIMUMS. LARGER PLATES BE REQUIRED TO ACCOMODATE REQUIRED NAILS (**)

FILLER BOTTOM CHORD	MAXIMUM REACTION	EACTION	MINIMIN	** REQUIRED	D NAILS PER	R FACE WITH	I TRULOX PLATES	LATES
OR WEDGE SPECIES	DOWNWARD	UPLIFT	BEARING AREA 1.00 D.O.L. 1.1	1.00 D.O.L.	1.15 D.O.L.	1.25 D.O.L. 1.33 D.O.L.		1.60 D.O.L.
DOUGLAS FIR-LARCH	3281#	1656#	1.5" X 3.5"	12	11	10	9	8
HEM-FIR	2126#	1095#	1.5" X 3.5"	9	8	7	7	6
SPRUCE-PINE-FIR	2231#	1192#	1.5" X 3.5"	10	9	8	æ	ග
SOUTHERN PINE DENSE	3465#	1791#	1.5" X 3.5"	12	11	10	9	8
SOUTHERN PINE	2966#	1492#	1.5" X 3.5"	10	9	8	Φ,	7
SOUTHERN PINE NON-DENSE	2520#	1343#	1.5" X 3.5"	9	20	~7	7	တ





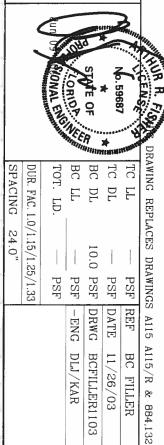




«*VARNHOG** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1—03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'UNDERID DR., SUTIE 200, MADISDN, VI. 537199 AND VICA VODIO TRUSS COLUNCIL OF AMERICA, 6300 ENTERPRISE LN. MADISDN, VI. 537199 FOR SAFETY PRACTICES PRIDE TO PERFORMING THESE FUNCTIONS. UNLESS DITHERVISE INDICATED, TOP CHARD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA ##HPDRITANI## FURNISH CDY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL AND BE RESEDISBLE OF ANY DEVINTION FROM THIS DESIGN, ANY FAILURE TO BRILLO THE TRISS IN CONTORMANCE AFTER THE OF PARRICATING, HANDLING, SHIPPING, INSTALLING BRACKING OF TRUSSES, OR SIGNATURAL DESIGN SPEC, BRACKING OF TRUSSES, OF A SIGNATURAL DESIGN SPEC, BY AFENDA MURITUS AND THIS. ALPINE COMECUTE AFTER ARE MADE OF ZOTISTICAS AND UNLESS OTHERWISE LOCATED BY AFENDA MURITUS GAVEN AND THE APPLICABLES TO FACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED BY AFENDA MURITUS GAVEN AND THE DEPARTMENT OF THE APPLICABLE OF THIS DRAVING SIGNATE AND THIS DRAVING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPENENT DESIGN SHOWN THE SUITABLE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSISTRIC IS SEC. Z.

ALPINE



MESS	TC LL	PSF REF	REF	BC FILLER
* 5000/ **********************************	TC DL	PSF	PSF DATE	11/26/03
TE OF	BC DL	10.0 PSF	DRWG	10.0 PSF DRWG BCFILLER1103
DRION NEED	BC LL	PSF	-ENG	-ENG DLJ/KAR
VAL ENGINEE T	TOT. LD.	— PSF		
	DUR. FAC. 1.0/1.15/1.25/1.33	15/1.25/1.33		
	SPACING 24.0"	.0"		

BEARING BLOCK NAIL SPACING DETAIL

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

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

Ŧ NAIL HOLES ARE PREBORED, SOME SPACING MAY BE REDUCED
SPACING MAY BE REDUCED BY 50%
SPACING MAY BE REDUCED BY 33% ВҮ THE AMOUNTS GIVEN BELOW:

BEA CHC PRC VAL LENGTH OF BLOCK SPECIFIED ON SEALED DESIGN

LUE (Fc-perp) IS AT LEAST THAT OF THE CHORD.	OVIDED THE COMPRESSION PERPENDICULAR TO GRAIN	ORD. BLOCKS MAY BE ANY GRADE WITHIN THE SPECIES,	ARING BLOCK TO BE SAME SIZE AND SPECIES AS BOTTOM	
			\	

\			rp)
AAAA C**		C***	rp) IS AT LEAST THAT OF THE CHORD.
DIRECTION OF LOAD AND NAIL ROWS	B/2*	 NAIL	



WARNING TRUSSES REQUIRE EXTREME CARE IN FARRICATING, ANNOLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI CIRUSS PLAFE INSTITUTE, SAI D'INDEFOID DR. SUITE 200, MADISON, VI. 53759, AND VICA «VOIDO TRUSS COUNCIL DE AMERICA, 6300 ENTERRISE LN, MADISON, VI. 53759, FOR SAFETY PRACTICES PRIDE TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHARD SHALL HAVE PRIPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

(12" MINIMUM

I

24" MAXIMUM)

WIMPRIFANTAM TURNISH CORP OF THIS DESIGN TO INSTALATION CONTRACTOR ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMACE WITH TRI, OR FARRICATION, HANDLING, SHPPING, INSTALLING BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS CNATIONAL DESIGN SPEC, BY AFRAYA AND IPI, ALPINE CONNECTOR PLATES ARE HADE OF 207/81/GBA (W.H.S.YA, SATH ASS3 GRADE OF ADVIANCES, OF TRUSS AND THE ALPINE CONNECTOR PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAVINGS 160A-2. ANY INSPECTION OF PLATES OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAVINGS 160A-2. ANY INSPECTION OF PLATES OF THIS CONCENT DESIGN SHOWN, THE RESIDNAL ENGINEERING RESPONSIBILITY SOCIELLY FOR THE TRUSS COMPONENT DESIGN SHOWN, THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING

SIONAL ENGINEER

MAXIMUM NUMBER OF NAIL LINES PARALLEL T0GRAIN

0.131"x3.0" GUN	0.120"X3.0" GUN	0.131"X2.5" GUN	0.120"X2.5" GUN	16d COMMON (0.162"X3.5")	12d COMMON (0.148"X3.25")	10d COMMON (0.148"X3")	8d COMMON (0.131"X2.5")	20d BOX (0.148"X4")	16d BOX (0.135"X3.5")	12d BOX (0.128"X3.25")	10d BOX (0.128"X3")	8d BOX (0.113"X2.5")	NAIL TYPE	
ω	ယ	ω	ယ	N	N	N	ယ	N	ω	ယ	ယ	ω	2X4	
5	6	51	0	4	4	4	57	4	2	2	21	6	2X6	CHORD
7	8	7	8	6	6	6	7	Ŋ	7	7	7	9	2X8)RD SIZE
10	11	10	11	8	8	8	10	0	10	10	10	12	2X10	ZE
12	14	12	14	10	10	10	12	8	12	12	12	15	2X12	

MINIMUM NAIL SPACING DISTANCES

A THE	\														
LIA	0.13	0.12	0.13	0.12	16d	12d	10d	8d	20d	16d	12d	10d	8d		
NUR R. FIGUR	0.131"x3.0" GUN	0.120"X3.0"	0.131"X2.5" GUN	0.120"X2.5" GUN	COM	COMMON	COMMON	COM	вох	вох	вох	вох	ВОХ	NAIL	
OR.	0" G		5"	5" G	NON	NON	MON	NON	(0.1	(0.1	(0.1	(0.1)	(0.1	NAIL TYPE	
AWING	UN	GUN	UN	UN	(0.16)	(0.14)	(0.14)	(0.13)	20d BOX (0.148"X4")	(0.135"X3.5"	(0.128"X3.25	BOX (0.128"X3")	8d BOX (0.113"X2.5"	H	
REPLA					COMMON (0.162"X3.5"	(0.148"X3.25"	(0.148"X3")	8d COMMON (0.131"X2.5")	٣	.5")	.25")		.5")		
CES					۳	25")		ال							
DRAWING REPLACES DRAWING B139 AND CNBRGBLK0699	7/8"	3/4"	7/8"	3/4"	1,	1"	1"	7/8"	1"	7/8"	7/8"	7/8"	3/4"	Α	
В13															DI
9 AND	1 5/8"	1 1/2"	1 5/8"	1 1/2"	2,	1 7/8"	1 7/8"	1 5/8"	1 7/8"	1 5/8"	1 5/8"	1 5/8"	1 3/8"	B*	DISTANCES
CNBI		1	_		7.7	N	ผ	_		_			_		S
RGBLK06	ಬ್ಜ	7/8"	ಬ್ಜ	1 7/8"	2 1/2"	2 1/4"	<u>-</u>	₽,	2 1/4"	2 1/8"	ಬ್ಬ	2	1 3/4"	C**	
99														L	

CENS No. 59687

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

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

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			M	A	X	-	(J.	Δ]	3	 [_]	E		V	Е	R	Γ.	ľ	С	A	L		L	E	N	(7 . I .	ГΗ	
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	-		1	υ. Τ) J	TIT	I I	777	Ω J J			j	(). T) j	TIT	口 叮	770				j 1	ひ. て)	TTT	Į Į	UTI		SPECIES	2X4
	STANDARD	STUD	#3	#2	#1	STANDARD	STUD	#3	#1 / #2	STANDARD	STUD	#3	#2	#1	STANDARD	STUD	#3	#1 / #2	STANDARD	STUD	#3	#2	#1	STANDARD	STUD	#3	#1 / #2	GRADE	BRACE
	4' 11"	5, 0,	5,	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' 4"	4' 5"	3' 10"	4' 0"	4' 0"	4, 5,	4' 3"	3' 9"	3' 9"	3' 9"	3' 10"	BRACES	Z C
	7' 5"	8, 5,	8, 5,	8' 5"	8, 5,	7' 3"	8, 5,	8, 5,	8 5	6, 5	7' 6"	7' 7"	7' 8"	7' 8"	6' 4"	7' 4"	7' 4"	7' 8"	5, 3,	6' 1"	6, 5,	ත _.	6, 8,	5, 2,	6' 0"	6'0"	6' 8"	GROUP A	(1) 1X4 "I
	7' 5"	8' 7"	8, 5,	9' 1"	9' 1"	7' 3"	8, 5,	رة م	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' 2"	ත _්	6' 0"	6' 0"	6' 10"	GROUP B	"L" 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 "
	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	"L" BRACE *
NMAS	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, 2,	GROUP A	(2) 2X4 "L"
	٠,	12' 6"	12' 6"	12' 10"			11' 11"	11' 11"	12' 3"	11' 1"	11' 4"	11' 4"	11' 8"	11' 8"	10' 10"		10′ 10″	11' 1"	9' 4"	9' 11"	9' 11"	10' 2"	10' 2"	9' 1"	9 5	9 5:	9, 8,	GROUP B	BRACE **
	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	13' 3"	14' 0"	14' 0"	14' 0"	14' 0"	12' 11"	14' 0"	14' 0"	14' 0"	10' 10"	12, 5,	12' 5"	12' 5"	12' 5"	10' 7"	12' 3"	12' 4"	12' 5"	GROUP A	(1) 2X6 "L"
- 1	- 1	- 1	14' 0"	- 1	- 1	- 1	- 1	- 1	~	- 1		14′0"	- 1	- 1		14' 0"					12' 8"				12' 3"	-1		GROUP B	BRACE *
- 1	-1	- 1	-1	- 1	- 1	14' 0"	- 1	- 1	- [14' 0"		14' 0"		14' 0"	-1	14' 0"	- 1	- 1	- 1	- 1	14' 0"	-1	- 1	~		- 1	14' 0"	GROUP A	(2) 2X6 "L"
		-1	14' 0"	- 1	- 1	٦,				- 1	- 1	14' 0"	- 4	14' 0"		14' 0"	- 1	- 1	14' 0"	- 1		14' 0"	-1	~]	٦,	- 1	14' 0"	GROUP B	BRACE **

DOUGLAS FIR-LARCH

SOUTHERN PINE

#3 #2

STANDARD STUD

STUD

STANDARD

STUD

GROUP B:

#1 & BTR #1

SPRUCE-PINE-FIR
#1 / #2 STANDARD
#3 STUD

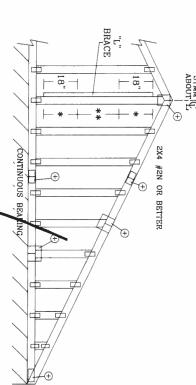
BRACING GROUP SPECIES

AND GRADES:

GROUP

Α

HEM-FIR



DIAGONAL BRACE OPTION: VERTICAL LENGTH MAY BE DOUBLED WHEN DIAGONAL

GABLE TRUSS

TOTAL LENGTH IS 14'. AT EACH END.

IN TABLE ABOVE. VERTICAL LENGTH SHOWN

BRACE; SINGLE OR DOUBLE CUT (AS SHOWN) AT BETTER DIAGONAL 2X4 STUD, #3 OR

UPPER END

CONNECT

OF VERTICAL WEB

REFER TO CHART ABOVE FOR

MAX GABLE

LENGTH

DIAGONAL BRACE FOR 600# BRACE IS USED.

MAX WEB CONNECT

GABLE TRUSS DETAIL NOTES:

SOUTHERN PINE

DOUGLAS FIR-LARCH

75 =

#2

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

ATTACH EACH "L" BRACE WITH 10d NAILS.

* FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C. PLYWOOD OVERHANG.

* FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C.
IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.
** FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C.
IN 18" END ZONES AND 6" O.C. BETWEEN ZONES. MEMBER LENGTH. "L" BRACING MUST BE A MINIMUM OF 80% OF WEB

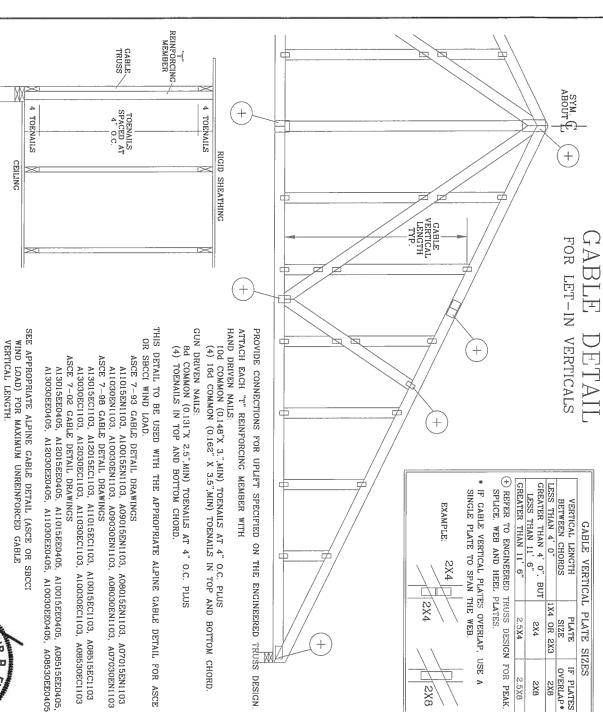
NO SPLICE 1X4 OR 2X3 2X4 2.5X4 S DESIGN FOR PLATES.	REFER TO COMMON TRUSS DESIGN FOR PEAK, SPLICE, AND HEEL PLATES.	GREATER THAN 11' 6"	GREATER THAN 4' O", BUT LESS THAN 11' 6"	LESS THAN 4' O"	VERTICAL LENGTH	GABLE VERTICAL PLATE SIZES
	PLATES.	2.5X4	2 X4	1X4 OR 2X3	NO SPLICE	TE SIZES

WEIMPORTANTAM FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE VITH PFI, OF FABRICATING, HANDLING, SHEPPING, INSTALLING SPECIAL OF TRUSSES. DESIGN CONFORMS VITH APPLICABLE PROVISIONS OF NDS (MATIONAL DESIGN SPECIAL PROFESSIONAL STATE AND THE ADVISIONS OF NDS (MATIONAL DESIGN SPECIAL PROFESSIONAL CONFORMATIONAL DESIGN SPECIAL PROPESSIONAL STATE AND THE ADVISIONS OF NDS (MATIONAL DESIGN SPECIAL PROPESSIONAL RESPONSIBILITY STATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PARTES FOLLOWED BY OF SMALL BE PER ANNEX AS OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF SMALL BE PER ANNEX AS OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF THIS DEVINE SMALL BY THE TRUSS COMPONENT DESIGN SHOWN THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING ***WAMANING** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESI 1-03 (BUILDING COMPONENT SAFETY INFRHATIDN), PUBLISHED BY TPI CTRUSS PLATE INSTITUTE, 583 DINDERIO BY, SUITE 200, MADISDN, VI. 53719) AND VICA (VODD TRUSS COLUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, VI. 53719) FIR SAFETY PRACTICES PRIDE TO PERFORMING THESE FUNCTIONS, UNLESS OTHERVISE 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

ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

ALPINE

SHUR R. FO SIONAL ENGINE STATE OF No. 59687 R ≯ MAX. MAX. TOT. SPACING LD. 60 24.0" PSF DATE DRWG -ENG A11015EE0405 04/15/05 ASCE7-02-GAB11015



TOENAIL 2X4 "T"
REINFORCING
MEMBER TOENAIL

2X6 "T"
REINFORCING
MEMBER

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

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

WEB LENGTH INCREASE W/ Ψ", BRACE

30 FT	70 MPH	15 FT	70 MPH	30 FT	80 MPH	15 FT	80 MPH	30 FT	90 MPH	15 FT	90 MPH	30 FT	100 MPH	15 FT	100 1	30 FT	110 MPH	15 FT	110 MPH	AND MRH	
FT	PH	TT	PH	FT	PH	T.	PH	F	PH	T	PH	F.T.	MPH	T	HAM	FT	APH	T	Hdy		4
2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	"T" REINF.													
10 %	2 01	0 %	2 0	20 %	20 %	10 %	10 %	30 %	10 %	20 %	20 %	40 %	10 %	30 %	2 01	50 %	10 %	40 %	10 %	SBCCI	
30 %	20 %	20 %	20 %	40 %	10 %	30 %	20 %	50 %	10 %	40 %	10 %	40 %	10 %	2 09	10 %	50 %	2 01	50 %	10 %	ASCE	

GABLE VERTICAL = 24" O.C. SP #3
"T" REINFORCING MEMBER SIZE = 2X4
"T" BRACE INCREASE (FROM ABOVE) = 10% = 1.10
(1) 2X4 "L" BRACE LENGTH = 6' 7" MAXIMUM "T" REINFORCED GABLE VERTICAL LENGTH $1.10 \times 6' \ 7'' = 7' \ 3''$

MEAN ROOF HEIGHT = 30 FT ASCE WIND SPEED = 100 MPH

REPLACES DRAWINGS GAB98117 876,719 & HC26294035

DATE DRWG REF ENG DLJ/KAR GBLLETIN0405 04/14/05 LET-IN VERT

MAX SPACING MAX TOT. DUR. FAC. LD. ANY 60 24.0" PSF

***WAMRHIGM** TRUSSES REQUIPE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BES! 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI CIRUSSS PLATE INSTITUTE, 583 D'INDFRID DR, SUITE 200, MADISON, VI. 537199 AND VICA VODOD TRUSS COUNCIL DE AMERICA, 6300 ENTERPRISE LN, MADISON, VI. 537199 FOR SAFETY PRACTICES PRIDE TO PERFORMING THESE FUNCTIONS. UNLESS OTHERVISE INDICATED, THE CHARD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

WIMPORTANT## 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 CONDERMANCE WITH THIS (OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFIDENS WITH APPLICABLE PROVISIONS OF NOS (NATIONAL DESIGN SPEC) BY AFBRAY AND THIS, APPLY PLAIRES THE FACE ARE ANDE OF 20/18/16AC (WHX.YS) ASTH A653 GRADE OF A060 (WK.HS.) GALV, STEEL APPLY PLAIRES TO FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLAIRES FOLLOWED BY (I) SHALL BE PER ANNEX AS OF TPI 1-2002 SEC. 3 A SEAL ON THIS DRAWING SHOLDERS OF PLAIRES TOLLOWED BY (I) SHALL BE PER ANNEX AS OF TPI 1-2002 SEC. 3 A SEAL ON THIS DRAWING DISCATES ACCEPTANCE OF THIS CORPORATION OF THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2

ALPINE ENGINEERED PRODUCTS, INC. POMPANO BEACH, FLORIDA

ALPINE

CENS, No. 59687 CORIOR TATE OF

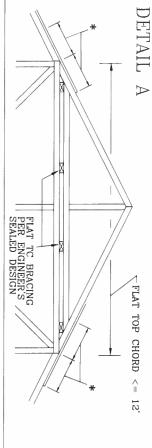
PIGGYBACK

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.

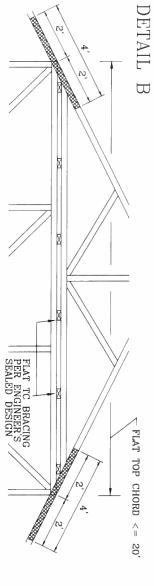
100 MPH WIND, 30.00 FT MEAN HGT, ASCE 7-98, CLOSED BLDG, LOCATED ANYWHERE IN ROOF, CAT II, EXP. C, WIND TC DL=5.0 PSF, WIND BC DL=5.0 PSF

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



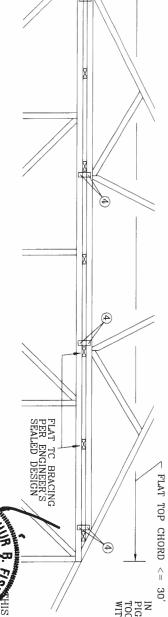
PIGGYBACK CAP TRUSS TOENAILED TO ALL TOP CHORD BRACING WITH (2) 10d COMMON (0.148"x3") NAILS.

* 12" MIN RIGID SHEATHING OVERLAP WITH 8d COMMON 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 AND SECURED WITH 2X4 #3 GRADE SCAB (1 SIDE ONLY) ATTACHED WITH 10d COMMON NAILS AT 4" O.C.





-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.

DRAWING

REPLACES DRAWINGS 581,670 & 961,860

(4) 8d COMMON NAILS (0.131"X2.5")

IMPDRTANT FURNISH CDPY DIT 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 COMPENDANCE WITH TPI, OR FABRICATING, HANDLING, SHEPPING, INSTALLING BEACH OF TRUSSES. DESIGN COMPEDRAS WITH APPLICABLE PROVISIONS OF NDS (MATIDNAL DESIGN SPEC, BY AFROA) AND TPI ALPINE CONNECTION PLATES ARE MADE OF 20/18/166A (W.M.X./M.S) GALV STEEL APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED DN THIS DESIGN, POSITION PER DRAWHING SIGNA-Z ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX AS OF TPI 1-2002 SCC 3. A SEAL ON THIS DRAWHING INDICATES ACCEPTANCE OF PROPERSIONAL ENGINEERING ARESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI I SEC 2. ***WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHPPRING, INSTALLING AND BRACING, REFER TO BESI 1-103 (BUILDING CIMPRINENT SAFETY INFRHATION), PUBLISHED BY TPI CIRUSS PLATE INSTITUTE, S83 D'OND'FRID DR. SUITÉ 200, HADISON, VI 53719) AND VICA (VOUD TRUSS COUNCIL DE AKERICA, 6300 ENTERPRISE LN, HADISON, VI 53719) FIGR SAFETY PRACTICES PRODE TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHARD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED RIGID CEILING.

ALPINE ENGINEERED PRODUCTS, INC. POMPANO BEACH, FLORIDA

ALPINE

CORIOR STATE OF 0.59687 ENGINEER BC C TOT. TC DUR. FAC. C DL DL LL LD. MAX 1.15 60

SPACING 24.0" PSF PSF PSF PSF REF DATE DRWG DLJ/KAR PIGBACKA0405 04/14/05 PIGGYBACK

TOP CHORD CHORD WEBS 2X4 2X4 2X4 #22 9 R 9 R BETTER BETTER BETTER

PIGGYBACK DETAII

REFER TO SEALED DESIGN FOR DASHED PLATES.

SPACE PIGGYBACK VERTICALS AT 4' OC MAX

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

ATTACH VERTICAL WEBS TO

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. PIGGYBACK BOTTOM CHORD MAY BE OMITTED. TRUSS TOP CHORD WITH 1.5X3 PLATE.

REFER TO ENGINEER'S SEALED DESIGN FOR REQUIRED PURLIN SPACING

THIS DETAIL IS APPLICABLE FOR THE FOLLOWING WIND CONDITIONS: 130 MPH WIND, 30' MEAN HGT, ASCE 7-02, CLOSED BLDG, LOCATED ANYWHERE IN ROOF, CAT II, EXP C, WIND TC DL=5 PSF, WIND BC DL=5 PSF

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

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

4 IN CAP BC

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

C8" X 8" X 1/2" RATED SHEATHING GUSSETS (EAC) FACE) MAY BE USED IN LIEU OF TRULOX PLATES, ATTACH WITH (8) 6d BOX (0.099"X 2.",MIN) NAILS PER GUSSET. (EACH

AND (4) IN BASE TRUSS FLAT TC.

JOINT C A (2) D Ш 4X6 1.5X3 5X4 2X4 4X6 30 OR 3X6 TRULOX AT 4' ROTATED VERTICALLY 2.5X4 SPANS UP 5X5 .5X4 5X6 34, 2.5X4 1.5X4 5X5 5X6 38 To 5X6 5X6 3X5 52 20

130 MPH WIND, 30' MEAN HGT, ASCE 7-98, BLDG, LOCATED ANYWHERE IN ROOF, CAT II, WIND TC DL=5 PSF CLOSED , EXP. C,

20' FLAT TOP CHORD MAX SPAN В 品 4 ш SPLICE A 姑 # 型 姑 MAX SIZE OF 2X12 #2 OR BETTER A В 妇 -TYP 垃 D-SPLICE 妇 坤 姑 C. Þ 妯 妯 烛 烛 С C C C

EITHER PLATE LOCATION IS ACCEPTABLE

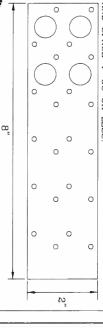
ATTACH TRULOX PLATES WITH (8) 0.120" X 1.375" NAILS, OR EQUAL, PER FACE PER PLY. (4) NAILS IN EACH MEMBER TO BE CONNECTED. REFER TO DRAWING 160 TL FOR TRULOX INFORMATION.

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

* PIGGYBACK SPECIAL PLATE

ATTACH TEETH TO THE PIGGYBACK AT THE TIME OF FABRICATION. ATTACH TO SUPPORTING TRUSS WITH (4) 0.120" X 1.375" NAILS PER FACE PER PLY.

APPLY PIGGYBACK SPECIAL PLATE TO EACH TRUSS FACE AND SPACE 4' OC OR LESS.



THUR B

ALPINE ENGINEERED PRODUCTS, INC. POMPANO BEACH, FLORIDA ALPINE

XAW Z

2

WAVARNING* TRUSSES REDUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'INDIR TID RE, SUITE 200, HADISON, VI. 53719) AND VICA (VIDDO TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, HADISON, VI. 53719) FOR SAFETY PRACTICES PRIDR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERVISE INDICATED, TOP CHORD SHALL HAVE PROPERLY A TATACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGIO CEILING.

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

WHUPDRYANIAM FURNISH CORY 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 COMPERNANCE WITH TPI, OR FABRICARING, HANDLING, SHEPING, INSTALLING BRACING OF TRUSSES, DESIGN COMPERNANCE WITH APPLICABLE PROVISIONS OF NOS CHATIONAL DESIGN SPEC, BY AFRADA AND TPI ALPINE CONNECTIOR PLATES ARE HADE OF FOURLY ACKNETS, ASTM A653 GRADE 40/400 (VA.K/H.S), GALV STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 1-2002 SEC, 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF THIS COMPONENT FOR STANDARD SECONDARD SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI I SEC 2.

	ONAL E.	LORION	STATE OF	No.5968/	4	AUBERS FOR AN	
SPACING 24.0"	47 PSF AT 1.15 DUR. FAC.	50 PSF AT 1.25 DUR. FAC.	1.33 DUR. FAC.	55 PSF AT	MAX LOADING	IG REPLACES DRAWINGS 634,016 634,017 & 847,04	
		-ENG	DRWG	DATE	REF	34,016	
		-ENG DLJ/KAR	DRWG PIGBACKB0405	DATE 04/14/05	PIGGYBACK	634,017 & 847,0	