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

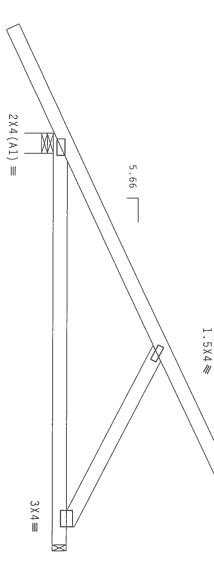
Hipjack supports 6-0-0 setback jacks with no webs

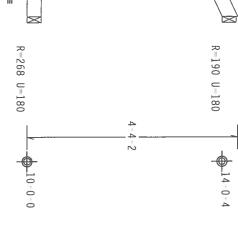
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50.\,$

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, OPEN bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi(+/-)=0.00

Wind reactions based on MWFRS pressures

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







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

PLT TYP.

Wave

WARNING IRUSSES BEQUIRE CYREME CARE IN FARRICATION, MANDLING, SHIPPING, INSTALLING AND BRACING. RETER TO BEST I (BRUSS PLATE INSTITUTE, ZIB HORRI LEE STREET, SUITE 31Z, ALEXANDRIA, VA, ZZ31A) AND MICA (MODO TRUSS COUNCIE OF AMERICA, 6300 CHIERPISE LANE, MADSSON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMHUG THESE FUNCTIONS. UNLESS OTHERMISE INDICATED TO PROBE SMALL MAYE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SIMAL MAYE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SIMAL MAYE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SIMAL MAYE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SIMAL MAYE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SIMAL MAYE

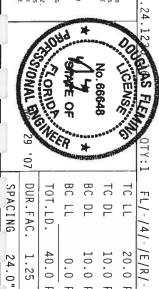
IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, MY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH FPI; ON FARRICHING, SHAPPING, HISTANLING A BRACTHE OF TRUSSES.

DESIGN CONFIDENCE WITH APPLICABLE PROVISIONS OF BUDS (MATIONAL DESIGN SECC. BY ATREA) AND IPI. THE BCG CONNECTION PARTIES ARE MADE OF 20/109/106A, WYLISSEN, ASTM A653 GRADE 40/60 (M. K/M.SS) GALV. STETL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNICES STHERMANE LOCATED ON THIS DESIGN, POSITION OF RED BRANTHES 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (T) SHALL BE PER ANHEX AS OF TPIT 2002 SEC. 3. A SEAL ON THIS DESIGN SHALLS ACCOMPOSED THE STANDARD OF PLATES FOLLOWED BY (T) SHALL BE PER ANHEX AS OF TPIT 2002 SEC. 3. A SEAL ON THIS DESIGN SHALLS ACCOMPOSED THE STANDARD OF PLATES FOLLOWED BY (T) SHALL BE PER ANHEX AS OF TPIT 2002 SEC. 3. A SEAL ON THIS DESIGN SHALLS ACCOMPOSED THE STANDARD OF PLATES FOLLOWED BY (T) SHALL BE PER ANHEX AS OF TPIT 2002 SEC. 3. SEAL ON THIS DESIGN SHALLS ACCOMPOSED THE STANDARD OF THE FIRST COMPOSED THE STANDARD OF THE FIRST COMPOSED THE STANDARD.

DESIGN SHOWN. THE SUITABLILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DRAMING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILD BUILDING DESIGNER PER ANSI/FFT I SEC. Z.

Fi Carificate Contact and Transcript Figure 2 (19, FL 3844)

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0				- CP		
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 1TCU487 Z01	FROM AH	SEQN- 23279	HC-ENG DAL/DF	DRW HCUSR487 07333006	DATE 11/29/07	REF R487 2787

Scale = .5"/Ft.

bldg, not located TC DL=5.0 psf,

Top chord 2x6 SP Bot chord 2x4 SP Webs 2x4 SP ± 12 72 Dense

Calculated horizontal deflection is 0.12" due to live load due to dead load. and 0.19*

Provide (3) 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 within 4.50 ft from roof edge, CAT II, EXP B, wind wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Wind reactions based on MWFRS pressures

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

1.5X4 **Ⅲ** 2 0 $1.5 \times 4 =$ ω R=64 U=180 R=302 U=180

4 ₩10-0-0 16-0-4 **⊕**-12 0 0

R=368 U=180 W=4" (0.769" Effective Contact) -9-0-0 Over 3 Supports 2X4(A1) =

1.5X4 III

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

PLT

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MARNING IRUSEES REQUIRE EXTREME CARE IN FARRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING. RETER TO BOS! (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IP! (TRUSS PLATE INSTITUTE, 218 NORTH LE STREET, SUIC 317 ALEXANDRIA, NA, 22314) AND HICLA (MODD TRUSS COUNCIL OF AMERICA, 6300 FILERREISE LANE, HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE TUNCTIONS. UNICESS OTHERWISE, HOLGACITE UNC CHURCH SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGHO CELLING.

** TMPORTANT** THRRISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, THC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY TAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH TPI: OR TARRESTORISH. SHANDING. SHEPPING. INSTALLING A BRACHAGO TRUSSES.

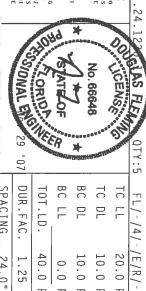
OFSIGN CONTROLS SHE HAD PLICABLE PROVISIONS OF HOS (MATIONAL DESIGN SPEC. BY ATRA) AND TPI. THE BCG CONNECTOR PATACES ARE HADE OF ZO/JUB/JGAC N-HISSES, SKALL GAS GRADE 40/560 N-K/H.SS) GALV. SIEEL. APPLY PARTS TO EACH FACE OF TRUSS. AND. DHIESS OFFICENCY STALL DOWN HIS DESIGN. POSITION PER BRAHMGS 160A Z. ANY HISSESCION OF PLATES TO CHOOSE BY (1) SHALL BE PER ARMEX AS OF TPI ZOOPS TEC. 3. A STAL ON THIS DESIGN SHOULD THE SHALL MAILTLY AND USE OF THIS COMPONENT TOR ANY BUILDING IS THE RESPONSIBILITY OF THE FROM SHALL HIGHER HIS COMPONENT TORS ANY BUILDING IS THE RESPONSIBILITY OF THE FROM SHALL HIGHER HIS COMPONENT TORS ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI I SEC. Z.

ITW Building Components Group, Inc.
Haines City, FL 33844

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SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	וכ בר
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JRFF- 1TCU487 Z01	FROM AH	SEQN- 23275	HC-ENG DAL/DF	DRW HCUSR487 07333011	DATE 11/29/07	REF R487 2788

Scale = .375"/ft.

Top chord 2x4 SP Bot chord 2x6 SP Webs 2x4 SP Dense

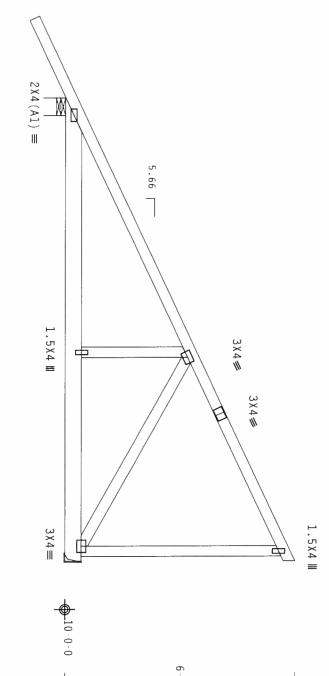
Hipjack supports 9-0-0 setback jacks. Jacks up webs. Longer jacks supported to BC. to 7' have

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.





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

TYP.

Wave

MARNING IRUSALS REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, INSIALING AND BRACING, BETTER TO BEST. (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY TP (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 127, ALEXANDRIA, NA, 22213) AND MICA (MODD TRUSS COUNCE, TO MAREKA. 6300 ENTERPRISE LAME, MODISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING INESE FUNCTIONS. UNLESS OTHERWISE INDICATED TO PERFORMING HEST FUNCTIONS. UNLESS OTHERWISE INDICATED TO PERFORMING HEST FUNCTIONS. UNLESS A PROPERLY ATTACHED STRUCTURAL PARELS AND BUTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BUTTOM CHORD SMALL HAVE

IMPORTANTTURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BGG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEPUATION FROM HIS DESIGN, ANY TALLINE TO BUILD THE BRUSS IN COMPORMANCE WITH FIT: OR FARECATHIG, MANDLING, SHIPPIG, INSTALLING A BRACHING OF TRUSSES.

DESIGN CONTROLS SHITH APPLICABLE PROPUSIONS OF HOS (MATIONAL DESIGN SPEC, BY ATAPA) AND TPI. ITH BGG CONTROLS OF ALTER AND THE ADVISIONS OF HOS (MATIONAL DESIGN SPEC, BY ATAPA) AND TPI. THE APPLY DIALES TO EACH FACE OF TRUSS AND. UNLESS DIMERNISE LOCATED ON HIS DESIGN, POSITION PER BRAHINGS 160A Z. ANY HOSPECTION OF PLATES TOLLOWED BY (1) SHALL BE FER ANNEX AS OF TPI 2002 SEC. 3. AS AS AND ON THE SULFABLE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR HIS HUSS COMPORENT DESIGN SHOWN. HIS DISTRIBLITY AND HIS DESIGN AS A DESIGNED BEFORE SHOWN. HIS DISTRIBLITY AND HIS DESIGN AS A DESIGNED BEFORE SHOWN. HIS DISTRIBLITY AND HIS DESIGN AS A DESIGNED BEFORE SHOWN. HIS DISTRIBLITY AND HIS DESIGN AS A DESIGNED BEFORE SHOWN. HIS DISTRIBLITY SOLED BY ANY BUILDING DESIGNED BEFORE BEFORE SHOWN.

Haines City, FL 33844

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]	2	NEE	R	*	NACOTAL STATE	O. W.
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JRFF- 1TCU487 Z01	FROM AH	SEQN- 23355	HC-ENG DAL/DF	DRW HCUSR487 07333017	DATE 11/29/07	REF R487 2789

Scale =.375"/Ft.

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

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

Wind reactions based on MWFRS pressures.

110 mph wind, 15.00 ft mean hgt, ASCE 7–02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi (+/-)=0.18

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.

 $2X4(A1) \equiv$ ω R=200 U=180 R-88 U-180 ப 14-8-15 10-0-0

299 U=180 -0-0 Over 3 Supports

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

PLT TYP. Wave

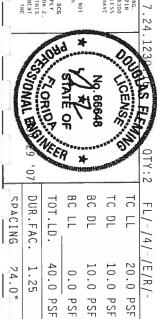
IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG. HIC. SHALL HOT BE RESPONSIBLE FOR MAY DEPLACED BY SESSION, ANY FAILURE TO BUILD THE TRUSS IN COMPORMACE WITH IP: OR FARRETCHING, MANDLIG, SHEPETHO, INSTALLIGA BRACEING OF TRUSSES, DESIGNED BY AFAPA AND IPI. DESIGN CONFIDENCY HIT APPLICABLE PROVISIONS OF HIS SCIENCE SPECE, BY AFAPA AND IPI. THE BCG CONMICCION PLAIRS ARE ALLO OF 70/19/19/6A (H.1/55X) ASTAL AND AND FOR SESSIONAL PROBLEM SPECE, BY AFAPA AND IPI. PLAIRS TO EACH FACE OF TRUSS, AND. HIMESS OHIERNISE, LOCATED ON THIS DESIGN, POSITION PER DRAHINGS 160A 2. ANY HISTOCION OF PLAIRS FOLLOWED BY COLORED ON THIS DESIGN, POSITION PER DRAHINGS 160A 2. ANY HISTOCION OF PLAIRS FOLLOWED BY C.) SHALL BE PER ANIEX AS OF TELL 2002 SEC 3. A SEAL ON THIS DESIGN SHOWN. HIS DISTORMEDIALLY AND USED OF THIS COMPONENT DESIGN SHOWN. HIS DISTORMEDIALLY AND USE OF THIS COMPONENT DESIGN SHOWN. HIS DISTORMEDIALLY AND USE OF THIS COMPONENT DESIGN SHOWN. HIS DISTORMEDIALLY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUSS. COMPONENT DESIGN SHOWN.

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Haines City, FL 33844

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ALPINE



PSF PSF

HC-ENG

DAL/DF

23307

JRFF-

1TCU487 Z01

FROM SEQN- DATE

11/29/07

DRW HCUSR487 07333014

REF

2790

Scale =.5"/Ft. R487--

(7-165-I 2x4 SP 2x4 SP T48)

Top chord Bot chord

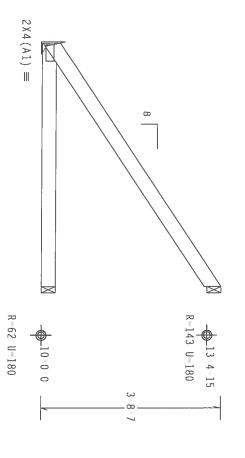
#2 Dense

110 mph wind, 15.00 ft mean hgt, ASCE 7–02, CLOSED within 4.50 ft from roof edge, CAT II, EXP B, wind wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 bldg, not located TC DL=5.0 psf,

Wind reactions based on MWFRS pressures.

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

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



=215 U=180 -5-0-0 Over 3 Supports

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

PLI

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Wave

WARNING HOUSES BEQUIRE CYREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, RETER TO BEST (1895) PLAIS INFORMATION, PUBLISHED BY IPT (1895) PLAIS INSTALLING AND BRACING, BRITCH CESSERIES, SUITE 312. ALEXANDRIA, VA. 22314) AND MICA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HESE FUNCTIONS. UNLESS OTHERWISE HOUSEAURD TO OPEN SAFETY PRACTICES PRIOR TO PERFORMING HESE FUNCTIONS. UNLESS A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

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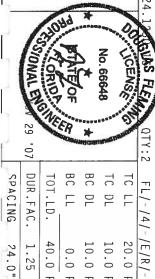
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Haines City, FL 33844

From Ficate of rization from Tricate of the right of the r **IMPORTANT**TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BEG. THE. SHALL NOT BE RESPONSIBLE FOR ANY OCYLATION FROM THIS DESIGN. ANY TALLINET TO BUILD THE TRUSS IN COMPORMANCE WITH PI. OR FARRESCHING, HANDLIGG. SHIPPIG, INSTALLIG & BRACHING OF FRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HIDS (MATIONAL DESIGN SPEC, BY ATREA) AND THE THIS DESIGN THE ARE MADE OF 70/189 FEAK, WHITES, MESS GRADE ADJAG (W. K.M.S.S.) AND THE THE PERFORMS OF THE SPECIAL POSITION FOR BRAHIMES LOCAL DESIGN. THE SPECIAL POSITION FOR BRAHIMES LOCAL DEPTH AND THE SPECIAL POSITION FOR BRAHIMES LOCAL DEPTH ADDRESS.

DESIGN SHOWN. THE SUITABLE PROTESTOMAL ENGINEERING RESPONSIBILITY SOLELY OR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABLE PLANT THE SUITABLE PROTESTOMAL ENGINEERING RESPONSIBILITY SOLELY OR THE TRUSS COMPONENT DESIGN SHOWN.



10.0 PSF 20.0 PSF

DATE REF

11/29/07 2791

Scale = .5"/Ft. R487--

10.0 PSF 0.0 PSF

PSF

SEQN-FROM JRFF-

23311

1TCU487 Z01

HC-ENG DAL/DF DRW HCUSR487 07333015

bldg, not located TC DL=5.0 psf,

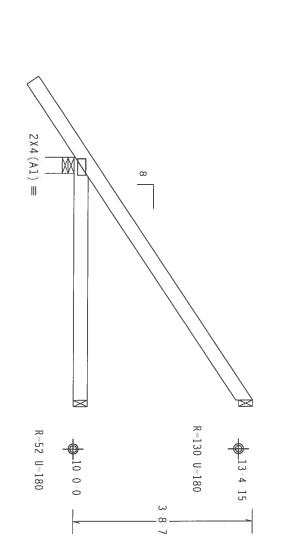
Top chord Bot chord 2x4 SP 2x4 SP #2 Dense #2 Dense

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

Wind reactions based on MWFRS pressures

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED within 4.50 ft from roof edge, CAT II, EXP B, wind wind BC DL=5.0 psf. IW=1.00 GCpi(+/-)=0.18

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





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

PLT

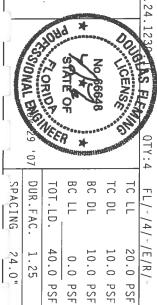
TYP.

Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, RETER TO BEST (MULTIPING COMPONENT SAFETY INFORMATION), PHBLISHED BY FIP (TRUSS PLATE INSTITUTE, 218 MORTH LET SIREET, SUITE 312. ALEXANDRIA, YA, 223-231) AND MICTAC (MODO TRUSS COUNCEL OF AMERICA, 6300 CHIERPRISE LIME, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HIESE TRUCTIONS. UNITESS OTHERMISE INDICATED TO RECORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED TRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE

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Haines City, FL 33844
Fi Cale Control Trization **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. OF YEARLY THE STATE OF T



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DAL/DF 23335

DRW HCUSR487 07333002

FROM SEQN-

JRFF-

1TCU487

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PSF

DATE REF

11/29/07 2793

Scale = .5"/Ft. R487--

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP 165 T86 #2 Dense #2 Dense #3

TYP. Wave

Haines City, FL 33844

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ALPINE

Continuous lateral bracing equally spaced on member.

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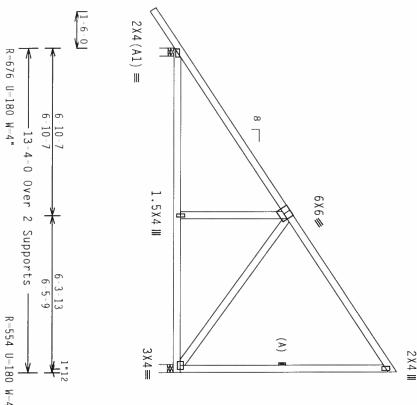
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

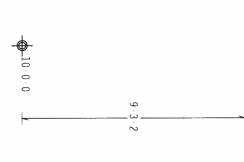
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18

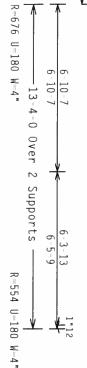
ווווט שחש התכראתכט המטח נשחרטובת נחדטו (נטאטט מ טוחבתסוטתט) סטסחווופט סו ותשפט חדת.

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure







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

WARNING IRUSSES REDUIRI TYBERE CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, RECER TO SECSI (BUILDING COMPONENT SACELY IMPORATION), PUBLISHED BY IPI (IRUSS PLATE INSTITUTE, ZIB MORIH LEE SHELE, SHITE 215, ALEXANDRIA, VA, Z2314) AND NICA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, HI 53719) FOR SACELY PRACTICES PRIOR TO PERFORMING INESE FUNCTIONS. UNICESS OTHERWISE HOUSEAUGH FOR PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHT CELLING.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY TAILURE TO BUILD THE BRUSS IN COMPORMANCE WITH PICTOR FAREACHING, AMADILGS. SHIPPIG., INSTALLIGS & BRACHER OF TRUSSES, DOI TRUSSES, DOI TOURS WITH APPLICABLE PROVISIONS OF 1035 (HATIONAL DESIGN SPEC. BY ATREA) AND IFE. CONTROL OF TRUSSES, DATE AND THE APPLICABLE PROVISIONS OF 1035 (HATIONAL DESIGN SPEC. BY ATREA) AND IFE. APPLICABLE OF ZOTATIONACH, HATISTS, ATREADE ADSOLUTE OF THIS DESIGN. POSITION PER BRAHHGS 160A Z. APPLICABLE OF ZOTATION PER BRAHHGS 160A Z. ANY HERECTION OF PLATES TOLOHOR BY (1) SHALL BE PER ANIRY XA OF THIS DESIGN. POSITION PER BRAHHGS 160A Z. ANY HERECTION OF PLATES TOLOHOR BY (1) SHALL BE PER ANIRY XA OF THIS DESIGN. THE SUBSECTION OF PROFESSIONAL ENGINEERING RESPONSIBILITY OR THE RESPONSIBILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

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	101	ВС	ВС	TC	TC LL
.FAC.	.LD.	F	DL	DL	-
1.25	40.0	0.0	10.0	10.0	20.0 PSF
	PSF	PSF	PSF	PSF	PSF
FROM	SEQN	HC-E	DRW	DATE	REF
АН	24329	NG DF/DF	HCUSR487 073320	11/28/07	R487 2794
		TOT.LD. 40.0 PSF SEQN- DUR.FAC. 1.25 FROM AH	BC LL 0.0 PSF HC-ENG D TOT.LD. 40.0 PSF SEQN- DUR.FAC. 1.25 FROM AH	BC DL 10.0 PSF DRW HCUSR BC LL 0.0 PSF HC-ENG D TOT.LD. 40.0 PSF SEQN- DUR.FAC. 1.25 FROM AH	TC DL 10.0 PSF BC DL 10.0 PSF BC LL 0.0 PSF TOT.LD. 40.0 PSF DUR.FAC. 1.25

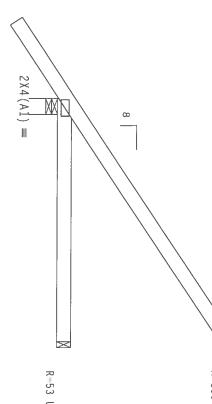
Scale = .25"/Ft

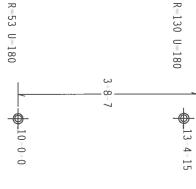
Top chord Bot chord 1 2x4 SP 1 2x4 SP #2 Dense

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

110 mph wind, 15.00 ft mean hgt, ASCE 7 02, 0PEN 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, Iw=1.00 GCpi(+/-)=0.00 Wind reactions based on MWFRS pressures

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





1-6-0-1 -346 U=180 W=4" -5-0-0 Over 3 Supports

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

PLT

TYP.

Wave

WARNING RRISSES REQUISE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST (BUILDING COMPONENT SALETY HERBRACIDE), PROPRIETO BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LE STREET, SUITE 312, ALEXANDRIA, VA, Z2314) AND WICA (MODD TRUSS COUNCIL OF AMERICA, 6300 CHITERRISE LINGE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HESE FUNCTIONS. UNICES OTHERWISE LINGE, CENTRO SHALL HAVE PROPERLY ALLACHED NO CHORD SHALL HAVE APROPERLY ALLACHED REGION SHALL HAVE PROPERLY ALLACHED REGION SHALL HAVE

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, THC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. OF FAILURE, OF BUILD THE TRUSS IN COMPORANCE WITH PI: OR FABREACHING, NAMEDIG, SHIPPIHA, INSTALLING & BRACHING OF FRUSSES.

DESIGN CONTROMS WITH APPLICABLE PROVISIONS OF HIS SCHAFTONAL DESIGN SPEC, BY ATREAD AND PI:

LIM BCG CONTROTES ARE AND OF 20/18/16/AGA (W.H./SS/K) ASTH AGES GRADE ADJOR (W.K./M.SS) GALV. STELL LAPRY PLATES TO EACH FACE OF TRUSS. AND. HULES OTHERNISE LOCATED ON HIS DESIGN, POSITION FOR BOARHIGS 160A. Z.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANIX AS OF FITE 2002 SEC. 3.

AS ALD HIM STELLION OF PLATES FOLLOWED BY (1) SHALL BE FER ANIX AS OF FITE 2002 SEC. 3.

AS ALD HIM STELLION OF PLATES FOLLOWED BY (1) SHALL BE FER ANIX AS OF FITE 2002 SEC. 3.

AS ALD HIM STELLION OF PLATES FOLLOWED BY (1) SHALL BE FER ANIX AS OF FITE 2002 SEC. 3.

AS ALD HIM STELLION OF PLATES FOLLOWED BY (1) SHALL BE FER ANIX AS OF FITE 2002 SEC. 3.

Haines City, FL 33844

"'ficate c' rizatio " 78

ALPINE



	'07		Carried .	MINIOR .	HAMEST	
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JRFF- 1TCU487 Z01	FROM AH	SEQN- 24485	HC-ENG DF/DF	DRW HCUSR487 07332022	DATE 11/28/07	REF R487 2795

Scale = .5"/Ft.

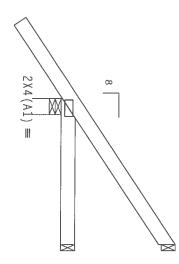
l op Bot chord 2x4 2x4 Sp #2 Dense #2 Dense

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

Wind reactions based on MWFRS pressures

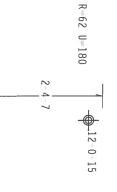
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, OPEN bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.00

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.



R-22 U-180

→ 10-0-0



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

PLT

TYP.

Wave

HARNING RUSSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, RETER TO BEST (BUILDING COMPONENT SAFETY HERBEATION), PUBLISHED BY THE (RUSS PLATE INSTITUTE, ZIB NORTH LEE STREET, SUITE JEZ ALEXANDRIA, VA, 22214) AND HERZA (4000 TRUSSE COUNCIL OF AMERICA, 6300 THIERREISE LUNCATED OF GROWN SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERRISE LUNCATED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED RIGHT OF STRUCTURAL PAMELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED RIGHT OF STRUCTURAL PAMELS AND BOTTOM CHORD SMALL HAVE

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG. INC. SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY TAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH THIS DESIGN CONTROLLING. MANDUIGE. SHEPPIG., INSTALLING A BRACHE OF TRUSSES.

DESIGN CONTROLLING. MANDUIGE. SHEPPIG. INSTALLING A BRACHE OFFER SEC. BY ATREA AND TOT. ITH BCG CONTROLLS ARE AND TO POLICIES. AND THE SECOND THE AREA AND TOTAL SHEEL. APPLY POLATES TO EACH FACE OF TRUSS. AND. JUNESS OTHERISE LOCATED ON THIS DESIGN. POSITION PER BRAHINGS 160A-2. ANY INSPECTION OF PALTES POLICIONED BY (1) SHALL BE PER ANNEX A OF THIS DESIGN. POSITION PER BRAHINGS 160A-2. ANY INSPECTION OF PALTES POLICIONED BY (1) SHALL BE PER ANNEX A OF THIS DESIGN. AS CEPTAMED OF POSITION PER BRAHINGS 160A-2. ANY INSPECTION OF PALTES POLICIONED BY (1) SHALL BE PER ANNEX A OF THIS DESIGN. TO BE THE TRUSS COMPONENT DESIGN SHOW. IN STRUCK SHOWN. IN STRUCK SHOWN.

ALPINE



SEQN-

24481

HC-ENG DF/DF

DRW HCUSR487 07332023

FROM

AH

JRFF 1TC11487

Z01

PSF

REF

Scale =.5"/Ft. R487--

DATE

11/28/07 2796

7 165 T39)

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

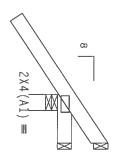
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, OPEN bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.00

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.

> Bearing reactions of -16# 10 8 15), require special other than wind. at (1-0-0, 10-0-0), -67# at (1-0-0, connection to resist uplift from loads

Wind reactions based on MWFRS pressures

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



R--17 U-180

89 U-180 **⊕** 10-8-15 ₩ 10 0 0

1-6-0 1-0-0 Over 3 Supports R-277 U-180 W-4"

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

PLT

TYP.

Wave

WARNING IRUSSES REQUIRE EXTREME CARE IN FARRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING, RETER TO BEST. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE IRREST, SUITE 312. ALEXANDRIA, VA. 22-314) AND UTCA (HODD TRUSS COUNCEL OF AHRICA, 6300 CHIREPRISE LINE, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HISE TUNCTIONS. UNLESS OTHERNISE INDICATED TO CHERD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED TRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE

IMPORTANT*LURRISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVALUE OF ROOM FROM THIS DESIGN. FOR YEARLY THE PILOS TREATCHING, HANDLING, SUPPING, HISTALLING A BRACLING OF TRUSSES.

DESIGN CONFIDENCE WITH APPLICABLE PROVISIONS OF 1035 (MATIONAL DESIGN SPEC, BY AFRA) AND IPI.

ITH BCG COMMICTION FAILES ARE HANDED OF 2012B16AGA (H.1455X) AND THE STATE ARE HANDLED OF THE SECOND PROVISIONS OF THE STATE ARE HANDLED OF THE SECOND PROVISION FOR DEATH ACT OF TRUSS. AND. JUNESS OTHERNISE LOCATED ON HIS DESIGN, PROSITION FOR BRAHINGS 160A Z. ANY HISPECLION OF PLATES TOLLOWED BY (1) SHALL BE FER ANNEX AS OF THIS 2002 SEC. 3.

ANY AND THIS POLICIAN OF PLATES TOLLOWED BY (1) SHALL BE FER ANNEX AS OF THIS 2002 SEC. 3.

ANY AND THE SHIFT AND THE SHIFT AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGN SHOPE.

DESIGN SHOPE. THE SHIFT AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

Haines City, FL 33844

F' ficate c' rizatio: " ~ "9

ALPINE

本 GOO LICENSE COSIONAL ENGINEE No. 66648 QTY:12 FL/-/4/-/E/R/-07 BC LL BC DL DUR.FAC. TC LL TC DL TOT.LD.

SPACING 24.0" JRFF-FROM 1TCU487 Z01

40.0

SEQN-

24476

10.0 PSF 10.0 PSF 20.0 PSF

DRW HCUSR487 07332024

REF

Scale = .5"/Ft. R487--

DATE

11/28/07 2797

0.0 PSF PSF

HC-ENG DF/DF

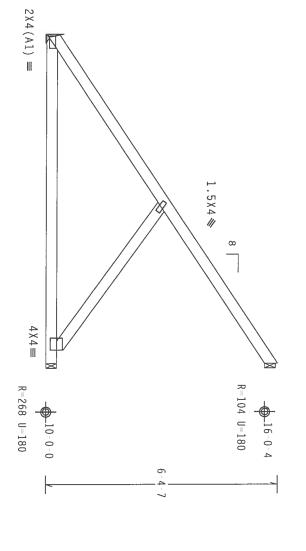
Bot chord 2x4 SP Webs 2x4 SP ##% Dense Dense

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED within 4.50 ft from roof edge, CAT II, EXP B, wind wind BC Dt=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 bldg, not located TC DL=5.0 psf,

Wind reactions based on MWFRS pressures

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=383 U=1809-0-0 Over 3 Supports

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

PLT

TYP.

Wave

***HARNING** IRUSSES REQUIRE EXIREME CARE IN FABRICATION, HANDELING, SHIPPING, INSTALLING AND BRACING, RETER TO BOSI. (BUIEDING COMPORED SAFETY INFORMATION), PUBLISHED BY IPI (FRUSS PLATE INSTITUTE, ZIB HORTH LEE STREET, SUIT CIZZ ALEXANDERIA, NA, 22314) AND HEREA (HODD TRUSS COUNCEL OF AMERICA, 6300 CHIEFERRISE LAME, HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HICK THICTIONS. UNLESS OTHERWISE INDICATED TO COMBO SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAHELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CELLING.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY TALLINE TO BUILD THE TRUSS IN COMPORANCE WITH PPI; OR FAREICKITHG, MANDING, SHEPTHG, INSTALLING A BRACTING OF FRUSERS, DESIGN CONTRORS WITH APPLICABLE PROVISIONS OF HIS (MATIONAL DESIGN SPEC, BY ATAFA) AND PI. IN BCC CONTROLS ARE ADDED OF 70/181/BCA (M.H/SSE), SICH ASSIGNATE ADDED OF MATERIAL APPLY PLATES TO EACH FACE OF TRUSS. AND. DHIESS O DIMENUSE, LOCATED ON HIS DESIGN, POSITION FOR BRAHINGS IGAA. Z. ANY LISSECTION OF FALTES TOLLOHED BY 11) SHALL BE FER ANNEX AS OF THIS ADOCS VIC. 3. A SEAL ON HIS DESIGN SHOWN. HE SHITABLLITY AND USE OF THIS COMPONENT FOR SHOWN HE SHITABLLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BHILDING DESIGNER PER ANSI/FFI I SEC. 2.

ITW Building Components Group, Inc. Haines City, FL 33844 F1 C--- (ficate c rizatio rizatio)

ALPINE

* OCICENS, W GOODNAL ENGINE CENS CORIOR No. 66648 MAJE OF QTY:5 TC LL FL/-/4/-/E/R/-

	29 '07	San Control	ER	*	SHAME TO	ALVER TO
SPACING	1	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 1TCU487 Z01	FROM AH	SEQN- 23303	HC-ENG DAL/DF	DRW HCUSR487 07333013	DATE 11/29/07	REF R487 2798

Scale = .375"/Ft.

Top chord Bot chord Provide Provide PLT Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\mathrm{.}$ (7-165-I TYP. ALPINE 2x4 SP 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. Wave T55) #2 Dense #2 Dense **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH FPI; ON FLARES, CATHO, HANDLIGH, SUPPING, INSALLING A BRACLING OF TRUSSES. DO BUSION CONTROL AND THE APPLICABLE PROVISIONS OF HIS GRAIN HOLD GOVERN HITH APPLICABLE PROVISIONS OF HIS GRAIN GRAIN BRACLE OF REASON AND THE LABOUR CONTROL AND THE APPLY DATES ARE MADE OF ZOLD AND THE APPLY DATES OF THE APPLY DATES ARE ANGLE OF TRUSS, AND, UNLESS OTHERNISC LOCATED ON THIS DESIGN, POSITION FOR GRANHOS ISON AS AND, UNLESS OTHERNISC LOCATED ON THIS DESIGN, POSITION FOR GRANHOS ISON AS AND AND THE SUPPLY OF THE TRUSS COMPONENT OF STORY STORY SOURCE OF PROFESSIONAL CHOINCERING RESPONSIBILITY SOURCE FOR ANY BUILDING IS HER RESPONSIBILITY OF THE **MARNING** RUSSES REQUIRE CYREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.
REFER TO REST (BUILDING COMPONENT SAFLY INFORMATION), POBLISHED BY FET (FRUSS PLATE INSTITUTE, 218
HORIH LEE STREET, SHITE 312, ALEXANDRAK, VA, 22314) AND HICA (MODOD TRUSS COLUME) OF AMERICA, 6,000
EHTERRISE (LANE, MADISON, MI 53719) FOR SAFELY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS
OTHERWISE (MOTATIO TOP CHORD SHALL HAVE PROPERLY ATTACHLO STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE
A PROPERLY ATTACHLO REGIO CELLING. 1-6-0-✓ $2X4(A1) \equiv$ Design Crit: M 385 œ U=180 W=3.5" -6-0-0 Over TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 3 Supports 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, OPEN bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC Dt=5.0 psf, iw=1.00 GCpi(+/-)=0.00 Wind reactions based on MWFRS pressures SOUCENS, R 67 U 180 R=162 U=180 No. 66648 QTY:2 107 14 0 15_10 0 0 DUR.FAC. BC LL BC DL TC DL TC LL TOT.LD. FL/-/4/-/E/R/-40.0 10.0 PSF 10.0 PSF 20.0 PSF 1.25 0.0 PSF PSF FROM SEQN-DATE REF HC-ENG DAL/DF DRW HCUSR487 07333007 Scale = .5"/Ft. R487--11/29/07 23283 2799

SPACING

24.0"

JRFF-

1TCU487

201

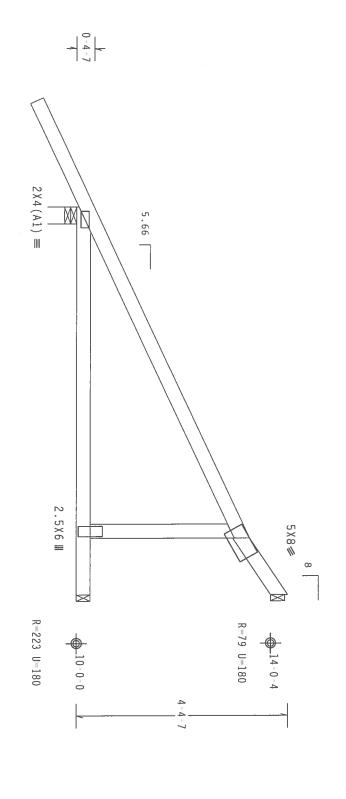
Bot chord 2x4 SP Webs 2x4 SP #2 Dense #2 Dense #3

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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





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

PLT TYP.

Wave

WARNING TRUSSES REQUIRE EXTREME PARE IN FARRICATION, MANDLING, SHIPPING, INSTALLING AND BRACING, RECER TO BEST. (UNITABLE COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS FLATE INSTITUTE, ZIB MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, ZZIJA) AND MICA (MODD TRUSS COUNCIL OF AMERICA, 6300 ELHERENSE LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE CHICLIONS. UNITESS OTHERMISE HOLDSCALED FOR CORDOR SMALL HAVE PROPERLY ATTACHED STRUCTURAL FAMELS. AND DOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL FAMELS.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM this DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORMMENT WITH FDI: ON FARRICATION, ANNOLUGE, SHEPPING, INSTALLING A BRACHIGO OF TRUSSES, DESIGN AND THE DESIGN COMPORNS WITH APPLICABLE PROVISIONS OF HDS (MAIONAL DESIGN SPEC. BY AFAFA) AND THE CONTROL OF THE PROVISION OF HDS (MAIONAL DESIGN SPEC. BY AFAFA) AND THE BCG CONTROL OF PROVISION OF HDS (MAIONAL DESIGN SPEC. BY AFAFA) AND THE BCG CONTROL OF PROVISION OF HDS (MAIONAL DESIGN SPEC.) ANY HIS OESIGN PROVISION OF PROFESSIONAL BUILDS OF HDS (MAIONAL DESIGN SPEC) ANY HIS OESIGN OF PLATES OF HOUSE BY (1) SHALL BE FER ANNEX AS OF THIS OESIGN. AS CAPPANED HIS OESIGN SHOWN.

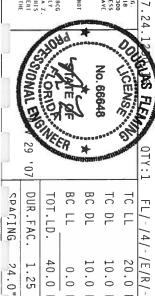
BRANING INDICATES ACCEPTANCE OF PROFESSIONAL ENGLIFICENTIC RESPONSIBILITY SOLICY TOR THE RUSS COMPONENT DESIGN SHOWN.

HIS SUITABLE THAN AND LISE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNED PER ANNS//PT 1 SCC. 2.

Haines City, FL 33844

F' 'scate o' rizatior' 'scate o'

ALPINE



	29 '0	NE	R	*	SANGER S	D)
SPACING	29 '07 DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	ול רר
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JRFF- 1TCU487 Z01	FROM AH	SEQN- 23287	HC-ENG DAL/DF	DRW HCUSR487 07333008	DATE 11/29/07	REF R48/ 2800

Scale = .5"/Ft

Bot p chord 2x4 SP t chord 2x4 SP Webs 2x4 SP Dense Dense

Truss spaced at 24.0" OC designed to support 1-0-0 top chord outlookers. Cladding load shall not exceed 4.00 PSF. Top chord must not be cut or notched.

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

supporting shear walls. Shear walls lateral restraint to the gable end. designed by the Building Designer.

All connections to be

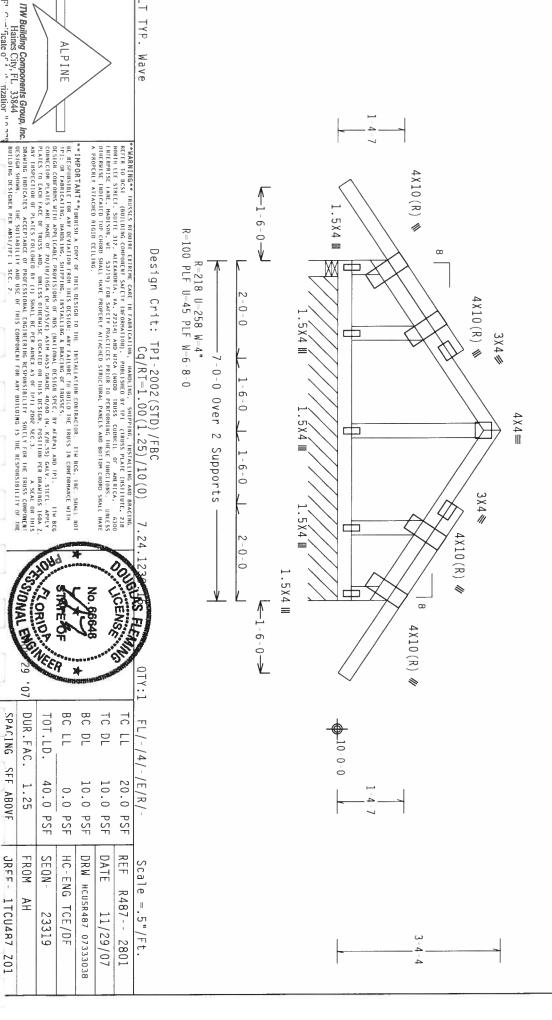
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/ \cdot)=0.18

Wind reactions based on MWFRS pressures

See DWGS All015EE0207 & GBLLETIN0207 for more requirements

Fasten rated sheathing to one face of this frame



Haines City, FL 33844
F' ---'ficate o' '' rizatior " ---'g

07

DUR.FAC.

1.25

TOT.LD.

40.0

PSF

23319

SPACING

SEE

ABOVF

JRFF-FROM SEQN-

1TCU487

201

7-165-T112

INIO UWG PREPAREU FROM COMPUIER INPUT (LUADO & DIMENSIONS) SUBMITIEU BY TRUSS MFR.

l op Bot p chord 2x4 SP #2 | t chord 2x4 SP #2 | Webs 2x4 SP #2 | Dense Dense Dense

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

Provide Provide

(2 2)

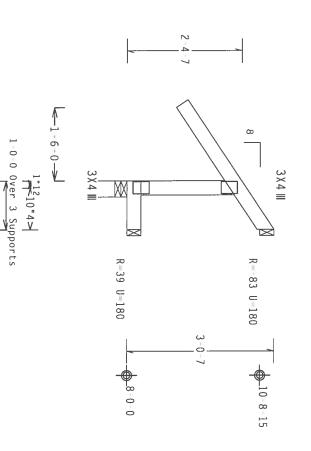
16d common nails $(0.162^{\circ}x3.5^{\circ})$, toe nailed at Top chord. 16d common nails $(0.162^{\circ}x3.5^{\circ})$, toe nailed at Bot chord.

Left end vertical not exposed to wind pressure

Bearing reaction of $^{-}82\#$ at $(1^{-}0^{-}0,\ 10^{-}8^{+}15)$, requires special connection to resist uplift from loads other than wind.

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. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.



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

R-237 U-180 W-4"

PLT

TYP.

Wave

MARNING HOUSES BEQUIRE CYREME CARE IN FAMBLATION, IMMOULINE, SHIPPING, INSTALLING AND BRACING, RETER TO BEST (BUILDING COMPORENT SAFETY INFORMATION), PUBLISHED BY TPT (FRUSS PLATE INSTITUTE, ZIB MORTH LEE SHREE, SHITE 312, ALEXANDRÍA, VA, ZZ313) AND NICA (MODD TRUSS COUNCIL O' AMERICA, 6300 ENTIFERMENTS LANE, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERNISC LUDICALED FOR CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE

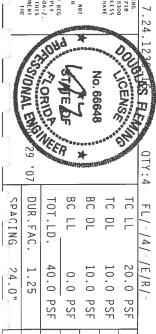
IMPORTANTFURMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEFLATION FROM THIS DESIGN, WY FAILURE TO BUILD THE TRUSS IN CONTORNANCE WITH PI, OR FABRICALING, AND ENTIRG. PRIVALLING A BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (MAITONAL DESIGN SPEC, BY AFAPA) AND TPI. ITH BCG CONNECTOR PLAITS ARE MADE OF 20/18/16GA (PLH/SS/K), ASTH AGAS GRANDE 40/60 (PLK/M.SS) GALV. STEEL, APPLY PLAITS TO EACH FACE OF TRUSS AND. MULESS OFFICENTIAL DOWN THIS DESIGN, POSITION PER DRAWHAGS 160A-Z. ANY INSPECTION OF PLAITS FOLOMED BY (I) SMALL BE PER ANNEX AS OF TPI 2002 SEC. 3. A SEAL ON THIS

Haines City, FL 33844

ALPINE

DRAWING INDICATES ACCEPTANCE OF PROTESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF SIGNAR THE SULFABILITY 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 DESIGNEE PER ANSI/IPI I SEC. 2.



JRFF-FROM SEQN

1TCU487

201

REF

Scale = .5"/ft. R487--

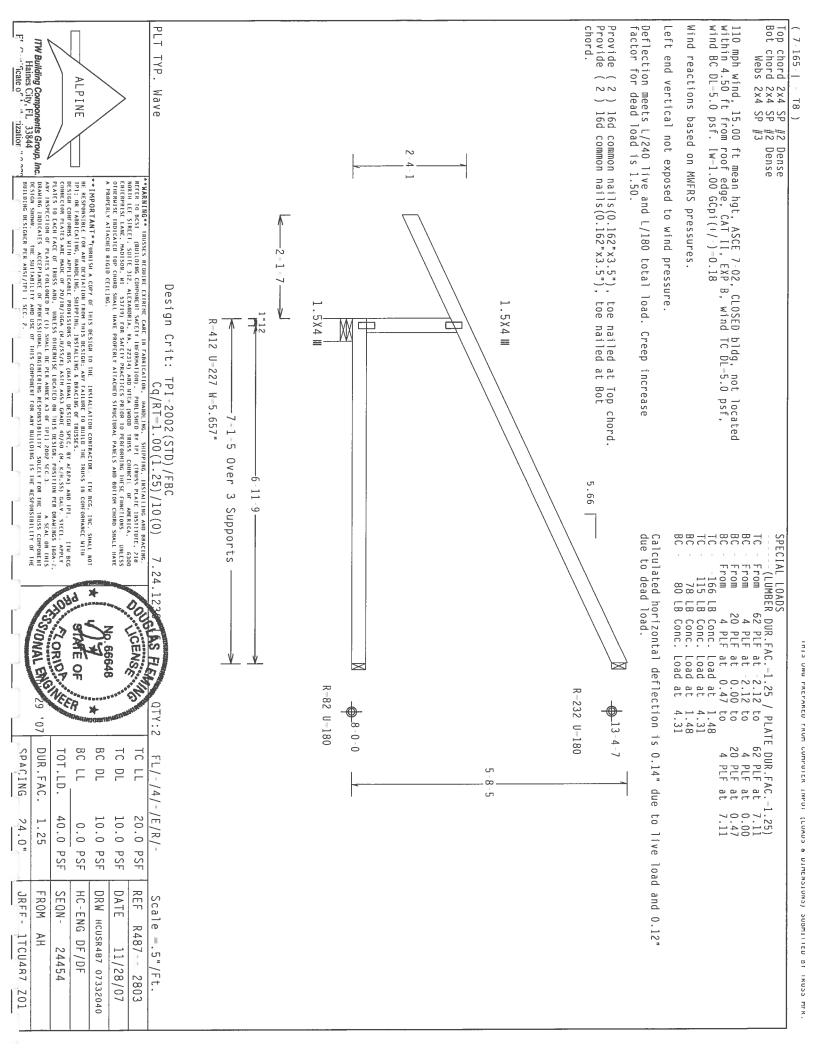
DATE

11/28/07 2802

HC-ENG

DF/DF 24437

DRW HCUSR487 07332008



Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP 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. Calculated horizontal deflection is 0.20" due to live load and due to dead load. Left end vertical not exposed to wind pressure Haines City, FL 33844
Ft Continue of Authorization # 0 279 7 165 TYP. ALPINE Wave T115 #2 Dense #2 Dense #2 Dense **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. WY FAILURE (O BUILD THE FRUSES IN COMPORMANCE WITH IP).

DESIGN CONTROLATION, AND DIRECTION, SOURCE AND AND THE STATE OF TRUSSES.

DESIGN CONTROLATES ARE HADE OF 20/18/16GA, (H.1555X) AND THE STATE OF A TRAPA, AND THE THE CONTROLATE STATE ARE HADE OF 20/18/16GA, (H.155X) AND THE STATE ARE HADE OF 20/18/16GA, (H.155X) AND THE STATE OF A TRAPA AND THE STATE OF A TRAPE STATE OF A TRAPA AND THE STATE OF A TRAPE STATE OF A TRAPA AND THE STATE OF A TRAPE STATE OF A TRAPA AND THE STATE OF A TRAPE STATE OF A TRAPA AND THE STATE OF A TRAPE STATE OF A **WARNING** IRUSSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RETER TO BEST. (BUILDING COMPOUND IN SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, ZID HORTH LEE SIRET, SUITE JIS, ALEXANDRIA, VA, ZEJIA) AND HICA (MODO) TRUSS COUNCIL OF AMERICA, 6300 LINEBREISE LANE, MODISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HESE FUNCTIONS. UNITESS OTHERWISE HONGE TO PROPERLY ATTACHED TO CHORD SWALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SWALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SWALL HAVE **1** 6 0 √ 4 X 4 III Design Crit: 5 X 4 III R=263 U=180 W=4" 3 0 0 Over 3 Supports -2-10-4-TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 0.12" R-40 U-180 R=58 U=180 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Wind reactions based on MWFRS pressures 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. IW=1.00 GCpi(+/-)=0.18 SOULCENS, ORIOP ILE QTY:4 107 BC LL BC DL DUR.FAC. TC DL SPACING TC LL TOT.LD. FL/-/4/-/E/R/-24.0" 40.0 10.0 PSF 10.0 PSF 1.25 20.0 PSF 0.0 PSF PSF DATE REF JRFF-FROM SEQN-HC-ENG DF/DF DRW HCUSR487 07332010 Scale = .5"/Ft. R487--1TCU487 11/28/07 24442 2804 201

Top chord 2x6 SP Bot chord 2x4 SP Webs 2x4 SP Provide Provide Calculated horizontal deflection is 0.12" due to live load and due to dead load. PLT TYP. (7 165 | Fi Carificate Contact and ITW Building Components Group, Inc.
Haines City, FL 33844
Fi Carificate Contact and Financial Contact and ALPINE 3) 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. Wave T9) #2 #2 Dense #3 0-4-7 **IMPORTANT** THRHISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BEG, INC. SHALL NOT BE RESPONSIBLE FOR ANY BEYLATION PROM HIS DESIGN; ANY FALLER TO BUILD THE TRUES IN COMPORMANCE WITH FIT. OR FAREIGNESS, THE APPLICABLE PROVISIONS OF THIS SECTION OF TRUESES.

DESIGN CONFIDENCE HIS AREA AND TOTAL CONTRACTOR THIS DESIGN SPEC, BY ATAPA) AND THE APPLY PRAITS TO EACH FACE OF TRUESS, AND. UNELSS OTHERNISE LOCALID ON HIS DESIGN, POSITION FOR BRANHINGS 160A Z. ANY HISPECTION OF PLATES OFLOCHED BY YOU SHEEL APPLY DATE OF THE STATE OF THE BRANHINGS 160A Z. ANY HISPECTION OF PLATES OFLOCHED BY YOU SHEEL BY THE STATE OF THE BRANHINGS 160A Z. ANY HISPECTION OF PLATES OFLOCHED BY YOU SHALL BE FER ANITY AS OF THIS DOOZ SEC 3. A SEC. ON THIS DESIGN SHOWN.

BRANHER INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY OR THE BRANHINGS TO BE SECOND SHOULD BE OF THIS COMPONENT OR ANY BUILDING IS THE RESPONSIBILITY OF THE **WARNING** RUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, BEFER TO BEST. (BULLDING COMPORTH SAFETY INFORMATION), PUBLISHED BY TET (FRUSS PLATE INSTITUTE, 218 HORE). ALEXANDRAL, ALEXANDRAL, AND ATTEMPORT OF THE COUNCIL OF AMERICA, 6300 ENTERFORMED, BILL STATE, ALEXANDRAL, ALEXANDRAL, AND ATTEMPORT OF THE BRACING THESE FUNCTIONS. UNLESS OTHERWISE INFORMATION OF THE BRACING TO PERFORMENCE THE COUNCIL OF AMERICA, ONLY OF THE BRACING THE BRACING THE SET FUNCTIONS. UNLESS OTHERWISE INFORMATION FOR SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS, AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS, AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS, AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS, AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS, AND BOTTOM CHORD SHALL HAVE $2X4(A1) \equiv$ R=361 U=180 W=4" (0.769" œ Effective Contact) -1-12 Design Crit: TPI-2002(STD)/FBCCq/RT=1.00(1.25)/10(0)4×8/ 1.5X4 Ⅲ 1.5X4 W Ф -0-0 $1.5 \times 4 =$ 0ver 0.19" 0-0-W Supports 6-7-0 5.66 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED within 4.50 ft from roof edge, CAT II, EXP B, wind wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Wind reactions based on MWFRS pressures Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. 30 LICENSE No. 66648 ייידי משי ויידי ייידי וייבו למשיר ליוו מו לרמשמי פ מזוורשיזומון יסמונדוורה פו ואחים ווווי R=297 U=180 R=60 U=180 07 BC LL BC DL TC DL TC LL DUR.FAC. TOT.LD. FL/-/4/-/E/R/-0 4-9-2 10-0-0 _12-0-0 40.0 10.0 10.0 PSF 20.0 PSF 1.25 0.0 bldg, not located TC DL=5.0 psf, PSF PSF PSF DATE FROM SEQN-DRW HCUSR487 07333009 HC-ENG DAL/DF Scale = .5"/Ft. R487--23291 11/29/07 2805

SPACING

24.0"

JRFF-

1TCU487

201

Provide (2) 16d common nails (0.162"x3.5"), toe nailed at Top chord. Provide (2) 16d common nails (0.162"x3.5"), toe nailed at Bot chord. Top chord 2x4 SP Bot chord 2x4 SP Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. (7-165-I TYP. ALPINE Wave T35) #2 Dense #2 Dense **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BEG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DETAILS ON FROM THIS DESIGNE, ANY TAILINE TO BUILD THE TRUSS IN COMPORANCE WITH FPI. ON FLAREACHING, HANDLIGG, SHIPPING, HISTALLING A BRACHER OF TRUSSES, DO SCION COMPORES WITH APPLICABLE PROVISIONS OF HIS (NATIONAL DESIGN SPEC, BY AFAFA) AND TPI. IT IN BCC COMMICTION PLATES ARE ADDED OF 20/18/18/18/20, ALV. SUSTEMBLY DESIGN SPEC, BY AFAFA) AND TPI. IT IN BCC COMMICTION PLATES OF TRUSS, AND. HINLSS OTHERNIST, LOCATED ON THIS DESIGN, POSITION PER BRACHERS 160A, Z. ANY HISPECTION OF PLATES FOLLOWED BY CT) SHALL BE PER ANIEX AS OF TPI TO 2022 SEC. 3. A SEAN OF HIS DESIGN SHOW.

DESIGN SHOWN. THE SUITABLITY AND RESPONSED THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/PPI I SEC. 3. **MARNING** RHISSES REQUIRE EXTREME CARE IN FARBICATION, HANDLING, SUPPRING, INSTALLING AND BRACING. RELEATED BY THE CHRUSS PLATE INSTITUTE, ZIB MORTH LEE SIREET, SUITE JEZ, ALEXANDRIA, VA. ZZZIA) AND NICA (MODD TRUSS COUNCIL DE ANTRICA. 6300 CHIERRESE LIME, HADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HEES FUNCTIONS. UNLESS OTHERWISE HOLGATED FOR CHRUSP SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED NICHTED SECURING SHALL HAVE **1** 6 0 **y** 2X4(A1) =MI Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)-424 U-180 W-3.5" æ -7-0-0 Over 3 Supports 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, Iw=1.00 GCpi(+/-)=0.18 Wind reactions based on MWFRS pressures R-81 U-180 R-192 U-180 GOULDES FLEE CENSE No. 66648 ςŋ 14-8-15 10 0 0 0TY:8 107 BC LL BC DL DUR.FAC. TC DL TC LL TOT.LD. FL/-/4/-/E/R/-40.0 20.0 10.0 PSF 10.0 PSF 1.25 0.0 PSF PSF PSF FROM DATE REF SEQN-HC-ENG DAL/DF DRW HCUSR487 07333019 Scale =.375"/Ft. R487--11/29/07 23077 2807

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Haines City, Ft. 33844

Ft. Cate o rizatior " rizatior"

izatior

SDACING

24.0"

JRFF-

1TCU/R7

Z01

Bot chord 2x4 SP Webs 2x4 SP In 24" (7-165-| Haines City, FL 33844

"Icate of "ization" hip supports 7-0-0 jacks with no webs lieu of structural " OC. TYP. ALPINE Wave T59) ##2 Dense Dense panels use purlins to brace all flat **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSIGLIATION CONTRACTOR. THE BCG, THC SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN COMPORANCE WITH FP: OR FARRECKING, ANNOLUGE, SHEPPIG, HISTALLIGA BRACHING OF FRUSSES.

DESIGN CONHEDRES WITH APPLICABLE PROVISIONS OF MNS (MATIONAL DESIGN SPEC, BY ATRA) AND TPI HISTALLIGA BRACHING OF TRUSSES.

PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE (OCATED ON HISTORICA, POSITION FOR BRAWHIGS 160A, J.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SMALL BE FPR ANIEX A 30° FPI 2002 SEC 3.

AS ALA, ON THIS DESIGN ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLICY FOR THE TRUSS COMPONENT DESIGN SHOWN.

BUILDING DESIGNER FER ANIST/FPI 1 SEC. . **MARNING** RRISETS REQUIRE EXTREMÉ CARE IN FABRITATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REILR 10 RESI (BULDING COMPONIEM SAFETY INFORMATION), PRISED BY THE (TRUSS PLATE INSTITUTE, 218 MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, Z2214) AND HEALA (MODD TRUSS COUNCIL OF AHERICA. GOOD ENTERRESE LAME, HADISON, HI 52719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED FOR ORDER SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS ATTREMESTED TO PERFORMING THE STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CELLING. **1**-6-0 **√** 3X4(A1) =R = 1068M Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)œ U=180 W-4" TC 1.5X4// 0-0 ര 13-4-0 Over 3 X 4 ≡ 2 Supports 4 X 6 ≡ 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Right end vertical not exposed to wind pressure. Wind reactions based on MWFRS pressures. GOOGLAS FLE * STONAL BIGINES CENSE 4 X 1 0 = No. 66648 .5X4 Ⅲ -4-0 R=1259 U=180 W=4" 107 3X5(R) 1.5X4 III BC LL BC DL TC LL TC DL DUR.FAC. TOT.LD. FL/-/4/-/E/R/-₩10-0-0 40.0 1.25 10.0 PSF 10.0 PSF 20.0 PSF 0.0 PSF PSF Ç FROM DATE REF SEQN-HC-ENG DAL/DF DRW HCUSR487 07333023 Scale = .375"/Ft. R487---A 23087 11/29/07 2808

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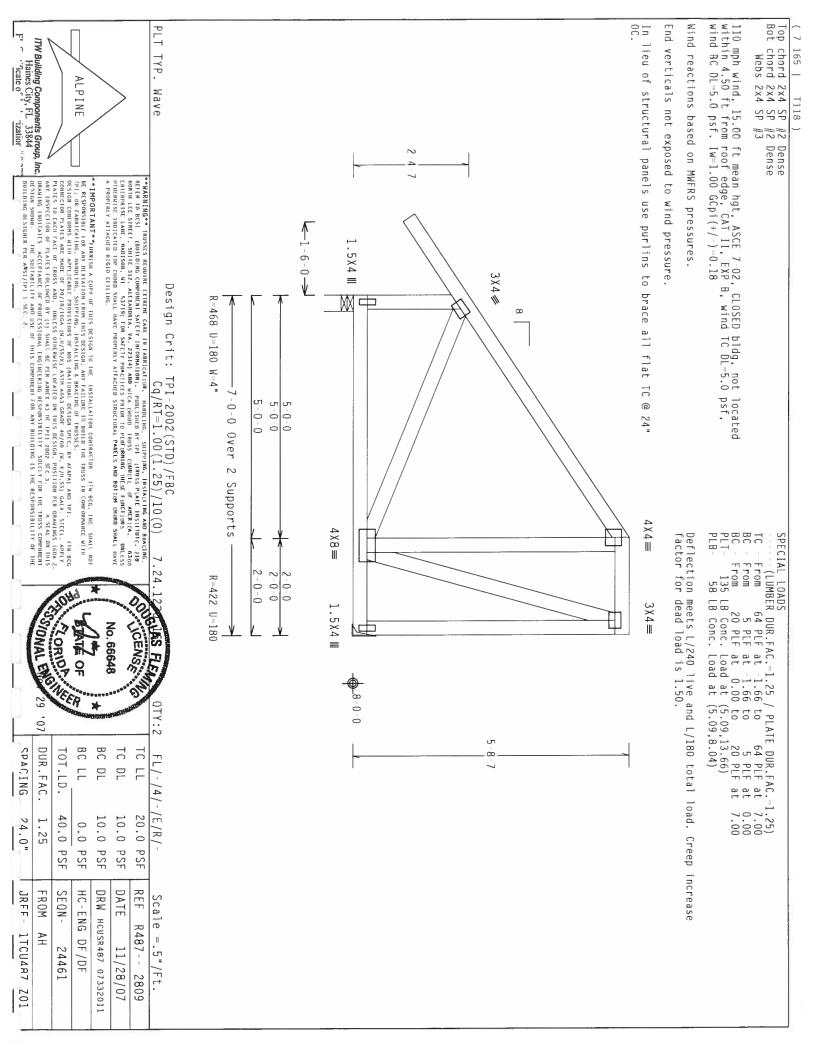
SPACING

24.0"

JRFF-

1TCU/87

201



```
Top
Bot
In lieu of structural panels use purlins to brace all flat TC @ 0C.
                                              Wind reactions based on MWFRS pressures.
                                                                                                                                                                               SPECIAL LOADS
                                                                                                                                                                                                             p chord 2x4 SP
t chord 2x8 SP
Webs 2x4 SP
                                                                           From 64 PLF at -1.66 t
From 64 PLF at 6.04 t
From 5 PLF at -1.66 t
From 20 PLF at 0.00 t
830 LB Conc. Load at 2
                                                                                                                                                               (LUMBER DUR.FAC.=1.25 /
                                                                                            64 PLF at -1.66 to 64 PLF at 6.04 to 5 PLF at -1.66 to 20 PLF at 0.00 to
                                                                                                                                                                                                             #3
                                                                                                                                                                                                                                              Dense
                                                                                            / PLATE DUR.FAC.=1.25)
to 64 PLF at 6.04
to 64 PLF at 7.00
to 5 PLF at 0.00
to 20 PLF at 7.00
                                                                              to
2.00,
                                                                              64 PLF
64 PLF
5 PLF
20 PLF
4.00,
                                                                                 6.04
                                                                                                                                                        Nailing Schedule: (12d_Common_(0.148"x3.25",_min.)_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @ 5.25" o.c.
Webs : 1 Row @ 4" o.c.
                                                                                                                                          Use equal spacing between rows and stagger nails
                                                                                                                            in each row to avoid splitting.
                                                                                                                                                                                                                                  COMPLETE
                                                                                                                                                                                                                                  TRUSSES
                                                                                                                                                                                                                                  REQUIRED
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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. Iw=1.00 GCpi(+/-)=0.18

 $3\chi4$ \equiv End verticals not exposed to wind pressure.

24"

4 X 4 ≡

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

3 X 4 ≡ 3×4/ 4 X 8 =

3X4 /

€1-6-0**≥** R=1477 U=180 W=4" 7-0-0 Over 2 3-10-4 10 - 4-0-8 Supports R=1710 U=183 1.5X4 W 1.5X4 III

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

TYP.

Wave

WARNING IRUSSES REQUIRE CEXTREME CARE IN FARRICATION, IMADI NG. SHIPPING, INSTALLING AND BRACING. REFER TO BCSI. (BUILDING COMPONEN SAFETY INFORMATION), POBLISHED BY THE CHRUS PLATE INSTITUTE, 218 MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 72314) AND HICA (MODD TRUSS COUNCIL OF AMERICA. 6300 CHITERPRISE LANE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERNISE HOLDCALED OF CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED REGION CHORD SHALL HAVE

IMPORTANTTURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE RRUSS IN CONTORNANCE WITH IPT; OR FARRICATING, HAMPLING, SHEPPING, INSTALLING & BRACING OF RUSSES.

DESIGN CONTORNS WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY AFAPA) AND TPI. SECOND CONNECTOR PLATES, ARE MADE OF 20/18/16GA, V. 1/1/55/K). SAIH A653 GRADE 40/60 (M. KJN.SS) GAVE THE MADELING FOR THE MADELING

DRAWING INDICALES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE PLATES TO EACH FACE OF TRUSS AND, UNLES ANY INSPECTION OF PLATES FOLLOWED BY (1) ROVISIONS OF HDS (HATIONAL DESIGN SPEC, BY ATRAA) AND PL. IIIH BED 8/166A (H.H/SS/K) ASIM A653 GRADE 40/60 (H.K/HLSS) GAİV STIEEL APPLE UNLESS OTHERNISE LOCATED ON THIS DESIGN, FOSITION PER BRAMINGS 160A Z. BBY (1) SHALL BE PER ANHEX A3 OF TPIL 2002 SEC.3. A SEAL ON THIS

COSCUES FLEM LICENS No. 66648 107 BC DL TC DL TC LL DUR.FAC. TOT.LD. FL/-/4/-/E/R/-40.0 10.0 PSF 10.0 PSF 20.0 PSF 0.0 PSF

SPACING 3135 1.25 ABOVE JRFF-FROM 1TCU487

201

PSF

SEQN-HC-ENG DATE REF

11/28/07 2810

Scale =.375"/Ft. R487--

DRW HCUSR487 07332028

DF / DF 24472

BUILDING DESIGNER PER ANSI/TPI I SEC.

Haines City, FL 33844

ALPINE

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Top chord 2x4 SP #2 Dense
Bot chord 2x8 SP SS
Webs 2x4 SP #3 :W3 2x8 SP
:W4, W6, W7 2x4 SP #2 Dense:
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BC BC SPECIAL LOADS From From (LUMBER R DUR.FAC.=1.25 / PI 64 PLF at -0.00 to 20 PLF at 0.00 to PLATE DUR.FAC.=1.25) to 64 PLF at 13.33 to 20 PLF at 13.33

Р Р Р Р Р В 110 mph wind, 15.00 located within 4.50 DL=5.0 psf, wind BC 9306 LB Conc. Load at 495 LB Conc. Load at 484 LB Conc. Load at 1840 LB Conc. Load at 1844 LB Conc. Load at 484 LB Conc. Load at 485 LB CONC. LB CO 0 ft mean hgt,
0 ft from roof
C DL=5.0 psf. I n hgt, ASCE 7-02, CLOSED bldg, not m roof edge, CAT II, EXP B, wind Topsf. Iw=1.00 GCpi(+/-)=0.18 9.42 (2.06,10.04) (4.06,10.04) (6.06,10.04) (8.06,10.04) wind TC

member. \geq #3 or better scab Attach with ab brace. 10d Box o 9 Same size & 80% length of web or Gun (0.128"x3",min.)nails @ 6 000

In lieu of structural panels use purlins to brace all flat 10

@

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

THE BUILDING DESIGNER SHALL EVALUATE AND APPROVE LOAD MAGNITUDES AND LOCATIONS AS SHOWN ("SPECIAL LOADS").TRUSS ENGINEER & FABRICATOR ARE NOT RESPONSIBLE FOR LOAD MAGNITUDES AND LOCATIONS. PROVIDE CONTINUOUS LATERAL RESTRAINT TO THE GABLE END. ALL CONNECTIONS ARE TO BE PROVIDED BY THE BUILDING DESIGNER.

COMPLETE **TRUSSES** REQUIRED

Nailing Schedule: (12d_Common_(0.148"x3.25",_min.)_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 2 Rows @ 3.50" o.c. (Each Row)
Webs : 1 Row @ 4" o.c.

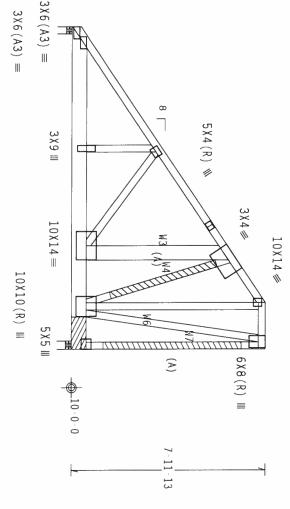
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Bearing block to be same size and species as bottom chord. Refer to drawing CNBRGBLK0207 for additional information. 13.000' #BLOCKS Rigid Surface

reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

4 X 4 ≡





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

PLT

TYP.

Wave

A PROPERLY ATTACHED RIGID CELLING. /10(0)

IMPORTANTFURNISH A COPY OF THIS DESIGN ID THE INSTALLATION CONTRACTOR. THE BCG, THE SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUES IN COMPORANCE MITH PLI OR FARE CAPTURG. MANDLIGG. SHIPPING, INSTALLING A BRACHING OF TRUESCES, AND THE PROPERTY OF THE PROPERTY OF THE STATE OF THE ST

ITW Building Components Group, Inc.
Haines City, FL 33844
Fi Continued of Authorization # 0 779

ALPINE

ABOVE

JREF-

1TCU487

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PSF PSF

SEQN

HC-ENG

TCE / DF 23361

DRW HCUSR487 07333039

FROM

PSF PSF

DATE REF

11/29/07

Scale

=.25"

R487--

2811 /ft.

7.24. Sous AS FLS CENSON No. 66648 07 DUR.FAC. BC DL TC LL $\mathcal{I}_{\mathcal{C}}$ SPACING TOT.LD. FL/-/4/-DL SEE 1.25 40. 10.0 20.0 /E/R/-10.0 PSF 0.0