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:1T3D487-Z0122111146

Truss Fabricator: Anderson Truss Company

Job Identification: 6-395--Stanley Crawford Construc WILMOTH -- , **

Truss Count: 51

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

Engineering Software: Alpine Software, Versions 7.24, 7.26, 7.25.

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

Seal Date: 12/22/2006

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

Details: BRCLBSUB-A11015EE-GBLLETIN-MAX DEAD LOAD-PIGBACKA-PIGBACKB-

| # Ref Description Drawing# Date 1 64989AS1 06356036 12/22/06 2 64990AS2 06356018 12/22/06 3 64991AS3 06356016 12/22/06 4 64992AS4 06356033 12/22/06 5 64993AS5 06356026 12/22/06 6 64994HT7A 06356002 12/22/06 7 64995HT9A 06356013 12/22/06 8 64996HT11A 06356017 12/22/06 9 64997HT13A 06356001 12/22/06 10 64998HT15A 06356001 12/22/06 11 64999H17A 06356003 12/22/06 12 65000AV1 06356041 12/22/06 13 65001AV2 06356032 12/22/06 14 65002AV3 06356032 12/22/06 15 65003AV4 06356037 12/22/06 16 65004AV5 06356039 12/22/06 17 65005AV6 06356040 12/22/06 18 65006A1 06356040 12/22/06 18 65006A1 06356040 12/22/06 18 65006A1 06356040 12/22/06 19 65007HM7B 06356048 12/22/06 20 65008HM9B 06356049 12/22/06 21 65009HM11B 06356049 12/22/06 |
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| 33 65021FGE 06356001 12/22/06 |
| 34 65022HJ7 06356006 12/22/06 |
| 35 65023EJ7 06356010 12/22/06 |
| 36 65024EJ7T 06356022 12/22/06 |

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| #_ | Ref Description | Drawing# | Date |
| 37 | 65025EJ7T1 | 06356020 | 12/22/06 |
| 38 | 65026EJ7T2 | 06356023 | 12/22/06 |
| 39 | 65027 J5 | 06356007 | 12/22/06 |
| 40 | 65028J3 | 06356008 | 12/22/06 |
| 41 | 65029J1 | 06356009 | 12/22/06 |
| 42 | 65030M | 06356030 | 12/22/06 |
| 43 | 65031M1 | 06356035 | 12/22/06 |
| 44 | 65032M2 | 06356034 | 12/22/06 |
| 45 | 65033M3 | 06356027 | 12/22/06 |
| 46 | 65034M4 | 06356019 | 12/22/06 |
| 47 | 65035MGE | 06356024 | 12/22/06 |
| 48 | 65036AP1 | 06356014 | 12/22/06 |
| 49 | 65037 AP2 | 06356029 | 12/22/06 |
| 50 | 65038AP3 | 06356044 | 12/22/06 |
| 51 | 65039AP4 | 06356045 | 12/22/06 |



JOB NO: 6-395

PAGE NO: 1 OF 1

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP 6 395 -- Stanley Crawford Construc #2 Dense #2 Dense #3 HICMOTH AS1)

Wind reactions based on MWFRS pressures

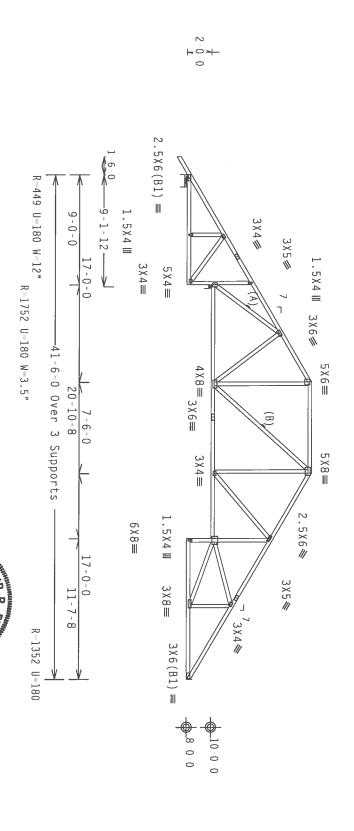
(B) Continuous lateral bracing equally spaced on member. Or 2x6 SP #3 or better "T" brace. 80% length of web member. Attached with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" OC.

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

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

(A) Continuous lateral bracing equally spaced on member. Or 19 SP #3 or better "T" brace. 80% length of web member. Attached with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" OC.

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



***HARNING** TRUSETS REQUIRE (XTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACTING RETER TO BEST.

RETER TO BEST.

RETER TO BEST.

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

PLT

TYP.

Wave

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

ALPINE ENGLHEERED PROBLEMS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN:

ANY FAILURE TO BUILD THE

RRUSS IN COMPOREMANCE WITH IPT:

DESIGN CONFORES WITH APPLICABLE PROVISIONS OF 1005 (MATIONAL DESIGN SPEC, BY AREA) AND TPI.

DESIGN CONFORES WITH APPLICABLE PROVISIONS OF 1005 (MATIONAL DESIGN SPEC, BY AREA) AND TPI.

APPLIES TO EACH FACE OF TRUSS, AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER BRAWINGS 180A. V.

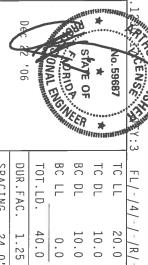
ANY INSPECTION OF PLATES FOLOUGHED BY (1) SMALL BETER ANDLY A 30 FPI1-2002 SEC. J.

A SEAL ON THIS

BRAWING INDICATES, ACCIPIANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SUELY FOR THE IRRISS COMPONENTIES. DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR BUILDING DESIGNER PER ANSI/TPI I SEC. 2. BATEDING IS THE RESPONSIBILITY OF

Alpine Engineered Products, Inc. 1950 Marley Drive
Haines City, FL 33844
or Certificate of Auto-azation # 567

ALPINE



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PSF

DATE REF

12/22/06

64989

PSF

Scale = .125"/Ft. R487--

10.0 PSF

DRW HCUSR487 06356036

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PSF

HC-ENG

JB/AF

SPACING DUR.FAC 40.0 24.0" 1.25 PSF JRFF-SEQN-1T3D487_ 129543 701

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

Wind reactions based on MWFRS pressures

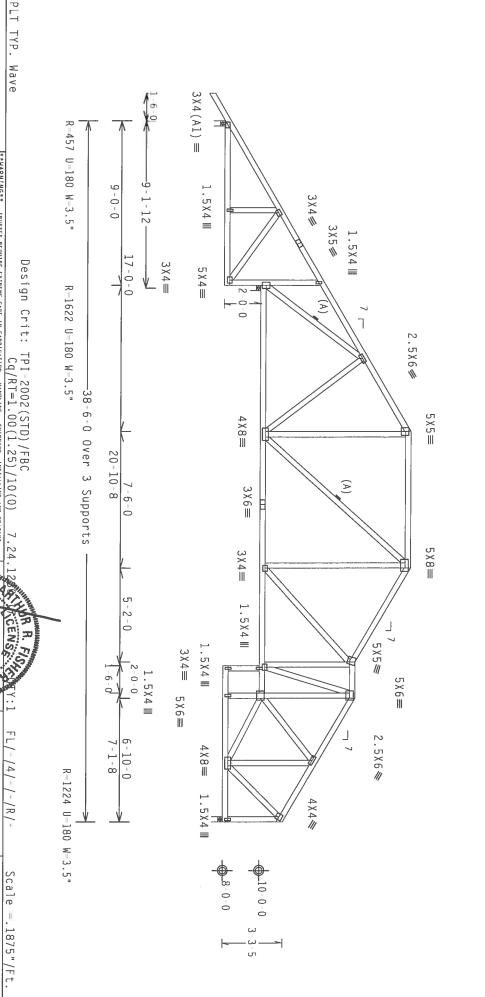
(A) Continuous lateral bracing equally spaced on member.

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

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

Right end vertical not exposed to wind pressure.

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



Alpine Engineered Products, Inc.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. AIPINE ENGINEERED PRODUCTS, THE, SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE FRUSES IN COMPORMANCE WITH HPT: OR FABRELATHED, HANDLING, SHIPPING, INSTALLING BRACHEO OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (HATIONAL DESIGN SPEC, BY AFRA) AND TPL. AIPINE CONNECTOR PLATES ARE ANDE OF 70/18/16/A (H.H/SS/K) ASH A653 GRANDE 40/60 (W. K/H.SS) GALV. SIETL. APPLY PLATES TO EACH FACE OF TRUSS AND. HHLESS ORDHERISE COALID ON THIS DESIGN, POSITION PER DRAWING SIGN A. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER AMERY AS OF TPIL-7002 SEC. J. A SEAL ON THIS BRAWNING INDICATES ACCEPTANCE OF TRUSS COMPONENT OF THE SUCCESSIONAL MERCHANDING PROVIDED BY (I) SHALL BE FOR AMERY AS OF TPIL-7002 SEC. J. A SEAL ON THIS BRAWNING INDICATES ACCEPTANCE OF THE TRUSS COMPONENT OF THE SUCCESSIONAL MERCHANDING PROVIDED BY (I) SHALL BE FOR AMEY AND THE TRUSS COMPONENT OF THE SUCCESSIONAL MERCHAND PROVIDED BY (I) SHALL BE FOR AMEY AND THE TRUSS COMPONENT OF THE TRUSS COMPONENT OF THE SUCCESSIONAL MERCHANDING PROVIDED BY (I) SHALL BE FOR AMEY AND THE TRUSS COMPONENT OF THE SUCCESSIONAL MERCHAND PROVIDED BY (I) SHALL BE FOR AMEY AND THE TRUSS COMPONENT OF THE SUCCESSIONAL MERCHAND PROVIDED BY (I) SHALL BE FOR AMEY AND THE TRUSS COMPONENT OF THE SUCCESSIONAL MERCHAND PROVIDED BY (I) SHALL BE FOR AMEY AND THE TRUSS COMPONENT OF THE SUCCESSIONAL MERCHAND PROVIDED BY (I) SHALL BE FOR AMEY AND THE TRUSS COMPONENT OF THE SUCCESSIONAL MERCHAND PROVIDED BY (I) SHALL BE FOR AMEY AND THE TRUSS COMPONENT OF THE TRUSS COMPONENT OF THE SUCCESSIONAL MERCHAND PROVIDED BY (I) SHALL BE FOR AMEY AND THE TRUSS COMPONENT OF THE

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***HARNING** FRUSES REQUIRE CYTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, RETER TO BESS! (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (FRUSS PLATE HISTITUIE, 21BH HORTH LEE STREE, SUITE 312. ALEXANDRIA, YA, 22314) AND MICA (4000D BHUSS COUNCIL OF AMERICA, 6300 ERITERPEISE LAME, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PEFFORMHUE THESE CHURCITONS. UNITESS OFHIGHEMENTS HOLDSCAFED FOR THOROUGH SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE

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12/22/06

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R487 ---

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BC DL TC DL TC LL

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No. 59687

ALPINE

Plaines City, FL

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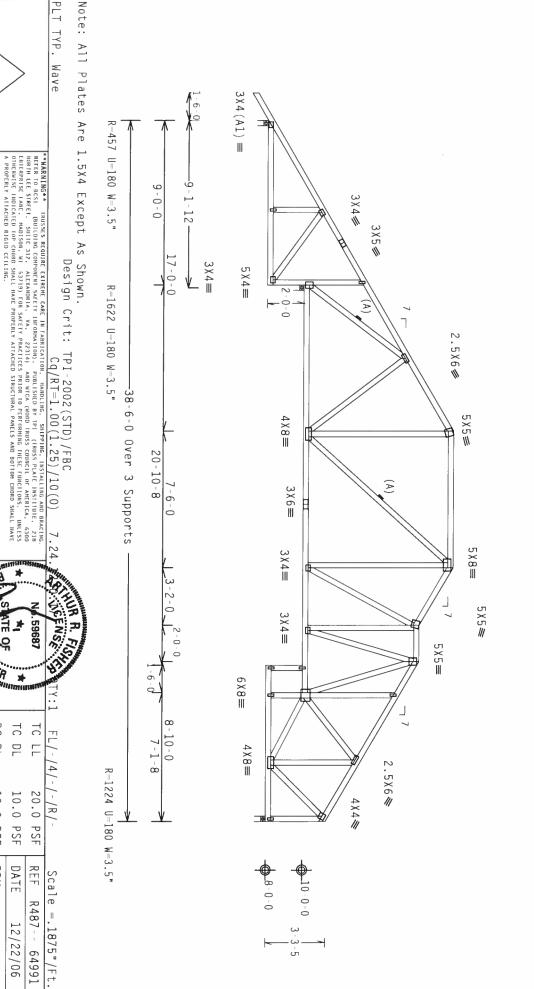
Bot Wind 9 chord chord 395 chord 2x4 SP chord 2x4 SP Webs 2x4 SP reactions based on MWFRS pressures. Stanley Crawford Construc WILMOTH #2 Dense #2 Dense #3 AS3) 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED located within 4.50 ft from roof edge, CAT II, EXP DL=5.0 psf, wind BC DL=5.0 psf. B, wind TC

3 Continuous lateral bracing equally spaced on member.

Right end vertical not exposed to wind pressure.

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

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



Alpine Engineered Products, Inc.

ALPINE

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. AIPTHE ENGINEERD PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FACURATE TO BUILD THE TRUSS IN CONFORMACE WITH PIT.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HIS (NATIONAL DESIGN SPEC, BY AFRA) AND TPI.

APPLICABLE PROVISIONS OF HIS (NATIONAL DESIGN SPEC, BY AFRA) AND TPI.

APPLICABLE FOR ALES ANE HADE OF 20/18/16GA (H.H/SS/K) ASH A653 GABOE 40/60 (H. K/H.SS) GALV. STEEL. APPLY PLATES TO EACH TACE OF TRUSS AND. UNLESS ON HISTER OF ALTE ON HIS DESIGN. POSITION PER DRAWINGS 160A Z.

ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A3 OF TPI1 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCUPANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLECTLY FOR THE TRUSS COMPONENT FOR ANY BRIDDICATES ACCUPANCE AND THE TRUSS COMPONENT FOR ANY BRIDDICATES TO A SEAL ON THIS DESIGN.

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DRW HCUSR487 06356016

JB/AF

 $\overset{\frown}{\Box}$ TC

PL

DATE

12/22/06

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REF

R487--

64991

THE SUITABILITY AND USE OF THIS COMPONENT FOR PER ANSI/TP1 1 SEC. 2.

RESPONSIBILITY OF

SPACING DUR.FAC

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PSF

Haines City, FL

33844 zation # 5

6 -395--Stanley Crawford Construc WILMOTH AS4)

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

Wind reactions based on MWFRS pressures

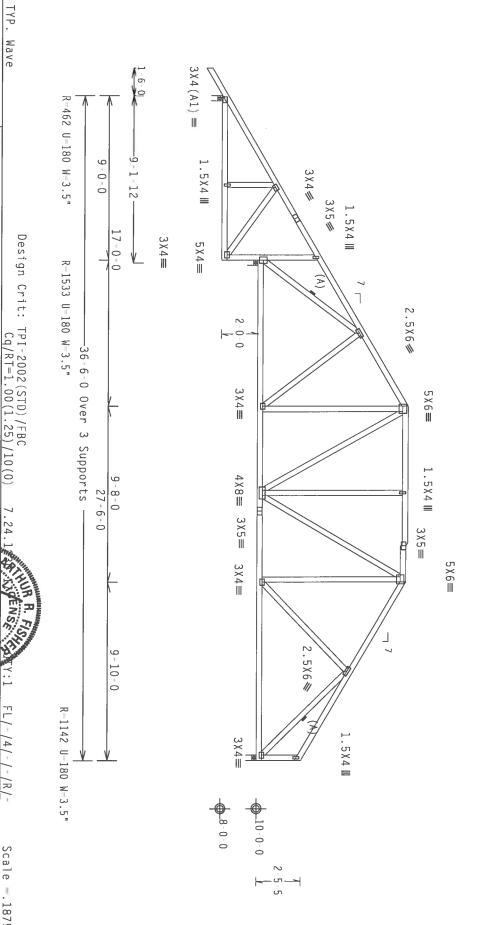
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110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED located within 4.50 ft from roof edge, CAT II, EXP DL=5.0 psf, wind BC DL=5.0 psf. bldg, not B, wind TC

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. 0J



Alpine Engineered Products, Inc

ALPINE

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

APPRODUCTS, INC. SMALL NOT BE RESPONSIBLE FOR ANY DETAILOR FOR THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN CONTROMANCE ATH FPT:

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RUSS IN CONTROMANCE ATH FPT:

RUSS IN CONTROMACE ATH FPT:

RUSS IN CONTROMACE ATH APPLICABLE PROPERTIES.

RESIGN CONTROMAS WITH APPLICABLE PROPESTORS OF HIS SECTIONAL DESIGNS SPEC. BY AFAPA, AND FPT.

CONTROTOR PARTES ARE HADE OF ZOURNES OF HIS SECTIONAL DESIGN SPEC. BY AFAPA, AND FPT.

CONTROLOR PARTES ARE HADE OF ZOURNES OF HIS MESSAGE AND COPY OF KAPA, AND FREE CONTROLOR PARTES AND THIS DESIGN POSITION PER DRAWHINGS 166A P.

PLATES TO TAKE OF TRUSS AND. UNICES OFFICENESS LOCATED ON HIS DESIGN, POSITION PER DRAWHINGS 166A P.

PLATES TO TAKE OF TRUSS AND. UNICES OFFICENESS LOCATED ON HIS DESIGN, POSITION PER DRAWHINGS 166A P.

PHAIES 10 LAH FACE OF TRUSS AND, UNHESS OHDERHISE LOCATED ON HITS DESIGN, POSITI ANY HISPECTION OF PLAILS FORLOHED BY (1) SHALL BE FER ANNEX AS OF IPTI-2002 SEC.3 DRAWHG HUDICATES ACCEPTANCE OF PROFESSIONAL FRGINEERING RESPONSIBILITY SOLELY!

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

ANY BUILDING

SOLELY FOR THE TRUSS COMPONENT NG IS THE RESPONSIBILITY OF THE

SPACING DUR.FAC TOT.LD.

24.0"

1966-

113D487_Z01

1.25

40.0

PSF

SEQN-

129721

0.0

PSF

HC-ENG

JB/AF

SEAL ON THE

MARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACTING. RETER TO BCS1 (BULLDING COMPONED) SAFETY INFORMATION). PUBLISHED BY FIT (TRUSS PLATE HISTITUTE, 21B HORTH LEE SHREET, SUITE 31Z, ALEXANDRIA, VA. 22314) AND MICA (MODD SHRES CHUMCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OUTHERNISE HORTOR SHACE TO PERFORM TO THESE FUNCTIONS. UNLESS A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

o. 4968

×

TC DL TC LL

10.0 20.0

PSF PSF

DATE REF

12/22/06

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

Scale

=.1875"/Ft

R487-- 64992

BC DL BC LL

10.0 PSF

DRW HCUSR487 06356033

Haines City, FL

33844 zation # ***

TYP.

Wave

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

Wind reactions based on MWFRS pressures.

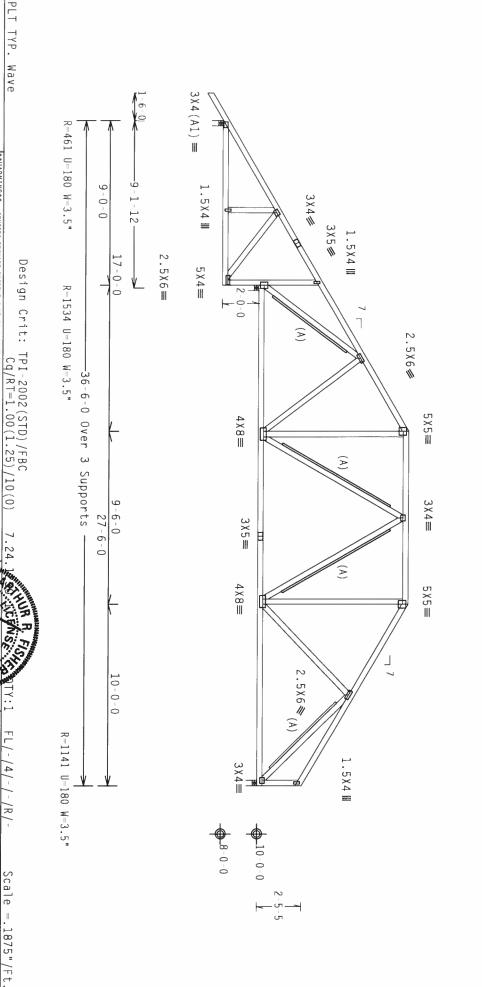
(A) 1x4 SP #3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" 0C.

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

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

Right end vertical not exposed to wind pressure.

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



Alpine Engineered Products, Inc.

ALPINE

MMPORTANT* FURNISH A CORY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

**PRODUCTS, INC. SHALL NOT BE RESPONSENCE FOR ANY DEVIATION FROM THIS DESIGN:

ANY FALLURE TO BUILD THE

RUSS IN CONFORMS WITH APPLICABLE PROVISIONS OF THIS, MANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES,

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THIS (MATIONAL DESIGN SPEC, BY ATEAN, AND THE

CONFORMS WITH APPLICABLE PROVISIONS OF THIS (MATIONAL DESIGN SPEC, BY ATEAN, AND THE

CONFORMS WITH APPLICABLE PROVISIONS OF THIS CASE AGADE 40,560 M, VM, SS, BACK. STEEL. APPLY

PARTES TO EACH FACE OF TRUSS AND, JUNESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAWLINGS 160A V,

ANY INSPECTION OF PARTES FOLLOWED BY (1) SHALL BE GER ANDRY AS OF THIS DESIGN, POSITION PER DRAWLINGS 160A V,

ANY INSPECTION OF PARTES FOLLOWED BY (1) SHALL BE GER ANDRY AS OF THIS DESIGN, POSITION PER DRAWLING INDICATES. ACCEPTANCE OF PROFESSIONAL THISHERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT

***MARNING** TRUSSES REQUIRE EXTREME CARE IN FARRICATION, MANDLING, SHIPPING, INSTALLING AND BRACHIG, AFTER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PHBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 HORTH LEE STREET, SHITE 312, ALEXANDRIA, VA. 22314) AND WICA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LINEE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OFFERENCE TO CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHT OF CHORD SHALL HAVE A PROPERLY ATTACHED TO CHORD SHALL HAVE A PROPERLY ATTACHED RIGHT OF CHORD SHALL HAVE

. 59687

BC DL TC DL TC LL

10.0 PSF 0.0

DRW HCUSR487 06356026

PSF

HC-ENG

JB/AF

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PSF

DATE REF

12/22/06

PSF

R487--

64993

Haines City, FL

33844 zation # ' --

R PER AUSI/TPI I SEC. 7.

WHAT BRITCHIRE

IS THE RESPONSIBILITY OF

SPACING DUR.FAC. TOT.LD.

24.0"

JRFF 1T3N487_Z01

40.0

PSF

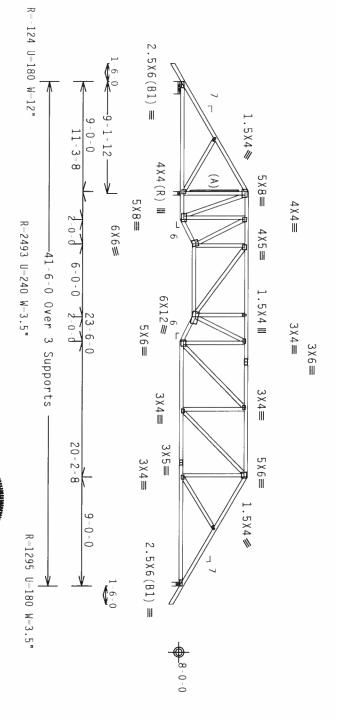
SEQN-

129659

Top chord 2x4 SP #2 Dense :T2, T3
Bot chord 2x6 SP #1 Dense :B1 2x8
:B2 2x8 SP #1 Dense:
Webs 2x4 SP #3 :W2, W5, W9 2x SPECIAL LOADS 6 lpine Engineered Products, Inc. 395 -- Stanley Crawford Construc WILMOTH Haines City, FL From 294 266 L 361 L TYP. From From From From From From From (LUMBER ALPINE LB Conc. Load a LB Conc. Load Wave 63 PLF at 125 PLF at Conc. Load at Conc. Load at Conc. Load at 63 33844 zation # 5 PLF DUR.FAC. at 34.50 at 41.50 0.00 **MMPORTANT** FIRMISH A COPY OF THIS DESIGN TO THE HISTALLATION CONTRACTOR. ALPHRE ENGINEERED PRODUCTS, INC. SHALL HOT BE RESPONSIBLE TOR ANY DEVIATION FROM THIS DESIGN: ANY FALURE TO BUILD THE TRUSS IN COMPORANCE WITH TPI: OR FABRICATION, (MANDLING, SHPPPING, INSTALLING A BRACHING OF HUSSES, DESIGN CONTORNS WITH APPLICABLE PROVISIONS OF MDS (MAI DOMAL DESIGN EPEC, BY AFRA) AND TPI. APPLY ECONNECTION PLATES ARE MADE OF 70/18/16GA (M.1/SS/K) ASIM A653 GRADE 40/60 (M. K/N.SS) GALV. STEEL APPLY PLATES TO EACH TAGE OF TRUSS AND. UNILESS OF MERRISE LOCATED ON THIS DESIGN, POSITION PER DRAWHINGS 16GA Z **WARNING** IBUSSES REQUIRE CYREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING RETER TO BEST (BRUSS PLATE INSTITUTE, 21) BROWN IN BEST OF THE CHRUSS PLATE INSTITUTE, 21) BROWN LE STREET, SUITE 312, ALEXANDRIA, VA. 22314) AND MECA (MODO BRUSS COUNCETO OF MERICA, 6300 ETHERPRISE LAME, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PEFFORMHIG HIESE CHRECTORS. UNLESS OTHERWISE HOLDS AND STALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE 0 DESIGN SHOWN. THE SUITABILITY BUILDING DESIGNER PER AUST/TPI 1 DRAWING INDICATES to to 0.00 7.00, 7.00, W9 2x4 SP tο to 0.1 5X5(A1) =2x6 SP #1 Dense: SP SS: OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 34.50 THE SUITABILITY AND USE OF THIS COMPONENT FOR R PER ANSI/TPI 1 SEC. 2. 1.5X4 #2 Dense: 9-0-0 11-3-8 5X12(R) Ⅲ Design Crit: 6X12(R) .=1.25) t 7.00 t 34.50 t 43.00 0.00 7.00 34.50 41.50 43.00 5X12(R) ₩ = HT7A) -5221 U=580 W=3.5" 8X12(R) W PER ANNEX AS OF TP11-2002 6X12(R) W 5X8(R) | 8X10≡ TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0) ō 6X6≡ 6 2 $12 \times 14 =$ 41-6-0 Over 1.5X4 Ⅲ 6-0-0 10X10# 4 X 6≡ POSITION PER DRAWINGS 160A IS THE RESPONSIBILITY OF 9 7-6-0 0 $3 \times 4 =$ 7 X 10 ≡ \sim 5 X 6≡ Supports A SEAL ON THIS
TRUSS COMPONENT In lieu of brace TC @ Deflection in factor for 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. (**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements. Irusses or components connecting to this girder modified by the truss designer. The loading for requires verification for accuracy. (A) 1x4 SP #3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" 0C. $3X4 \equiv$ 4 X 6≡ 7.26. 5 X 5 (**) = T3 20-2-8 meets L/240 live and L/180 total load. Creep increase dead load is 1.50. structural panels or 24" OC, BC @ 24" OC. ACENSE. 8 \ 8 | No. 59687 3 X 4 ≡ AND OF JRIOP. 7 - 0 - 0 1.5X4 / R=2644 U=285 W=3.5" 4X8(B3) = * rigid **1**-6-0 BC DL TC DL SPACING TC LL DUR.FAC FOT.LD. FL/-/4/-/-/R/ceiling use purlins to 8-0-0 40.0 10.0 20.0 24.0" 1.25 0.0 10.0 PSF have been this girder PSF PSF PSF PSF JRFF-SEQN-DATE REF HC-ENG DRW HCUSR487 06356002 Scale R487--1T3N487_Z01 =.125"/Ft. KH/AF 18284 12/22/06 64994 REV

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C. Wind reactions based on MWFRS pressures. 395 Stanley Crawford Construc WILMOTH #2 Dense #2 Dense #3 HT9A) (A) 1x4 SP #3 or better "T" brace. 80% length of web member Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" 0C. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. HE PROPERTY OF THE PROPERTY OF

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



PLT

TYP.

Wave

Alpine Engineered Products, Inc. Ilaines City, FL

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

APPRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DETVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE FRUSES IN CONTRACTOR.

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ANY INSPECTION OF PLAIGE TOLLOWED BY (1) SHALL BE PER ANTER XA OF THIS DESIGN. POSITION FER BRAHINGS 160A Z.

ANY INSPECTION OF PLAIGE TOLLOWED BY (1) SHALL BE PER ANTER XA OF THIS DESIGN. POSITION FER BRAHINGS 160A Z.

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WARNING TRUSSES REQUIRE LYBERE CARE IN FARRICATION, HANDLING, SHIPPING, HISTALLING AND BRACING, REFER TO REST (RULLDING COMPONENT SAFETY INFORMATION), POWILSUED BY IPI (TRUSS PLATE INSTITUTE, 21B MORTH LIE STREET, SUITE 312, ALEXANDRIA, YA, 22314) AND MICA (MODO TRUSS COUNCELO FARERCA, 6300 ERIFERPA ISE LAME, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMHE THESE FUNCTIONS, UNLESS OTHERWISE INDICATED TO THE SAFETY PRACTICES PRIOR TO PERFORMHE THESE FUNCTIONS, UNLESS OTHERWISE INDICATED TO THE SAFETY PRACTICES FROM TRUST PARTES AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PARTES AND BOTTOM CHORD SHALL HAVE

BC DL TC DL

10.0 PSF 0.0

DRW HCUSR487 06356013

JB/AF

PSF

TC LL

20.0

PSF

R487--

64995

10.0

PSF

DATE REF

12/22/06

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

Scale

=.125"/Ft.

SPACING

24.0"

JRFF

1T3N487_Z01

DUR.FAC. TOT.LD.

1.25

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PSF

SEQN-HC-ENG

129463

Design Crit:

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

33844 zation # *

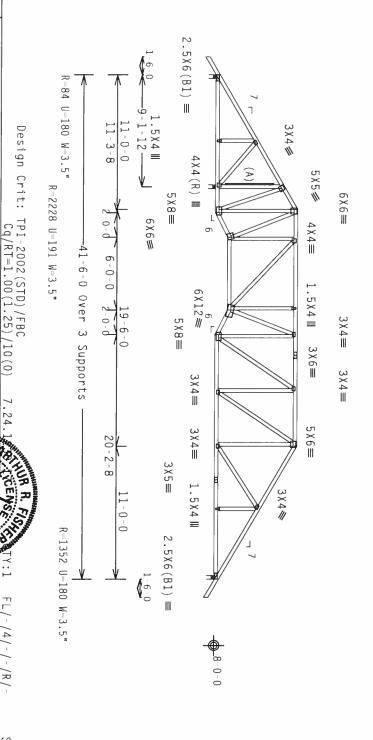
ALPINE

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP Wind 395 Stanley Crawford Construc WILMOTH reactions based on MWFRS pressures. #2 Dense #2 Dense #3 HT11A) 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

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

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



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING. REFER TO BESS! (BUSICING COMPOUND SAFETY INFORMATION), PRUELSING DAY IPT (TRUSS PLATE INSTITULE, 218 HORNI LEE SHREE, SUITE 312, ALEXANDRIA, VA. 22314) AND NEGA (MODO TRUSS COUNCIL OF AMERICA, 6300 ELITEMPRISE LAME, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PEFFORMHUE THESE FUNCTIONS. UNLESS OTHERWISE HOUSEAGED FOR THE MADISON, NI 63710, TRUSS PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

7.24

CEYSE

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

Scale

=.125"/Ft.

R487--

64996

PLT

TYP.

Wave

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPHNE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR NAW DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONTROBANGE HITH FIT; OR FABRICALING, HANDLING, SHIPPING, HASTALLING A BRACING OF TRUSSES.
DESIGN CONTROBES HITH APPLICABLE PROVISIONS OF 1035 (MATIONAL DESIGN) SPEC, BY ATKA) AND THE APPLY CONNECTOR PLATES ARE HADE OF ZO/18/16GA (H.H/SS/K), ASTH A653 GRAND FOR FOR ATKA) AND THE APPLY PLATES TO EACH FACE OF TRUSS AND, MULESS OFFERS (M.H/SS/K), ASTH A653 GRAND FOR THIS DESIGN, POSITION OF REPRESANCE SHALL BE TREATMENTS COACHE ON THIS DESIGN, POSITION OF REPRESANCE SHALL BE TREATMENT OF THE STATES ACCEPTANCE OF PROFESSIONAL FINGIBERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN.

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Alpine Engineered Products, Inc 1950 Marley Drive Haines City, FL 3

33844 zation # ***

ALPINE

Z O ATE OF 69687 * BC DL BC LL TC DL SPACING DUR.FAC. TC LL TOT.LD. 24.0" 40.0 10.0 20.0 1.25 10.0 PSF 0.0 PSF PSF PSF PSF JRFF SEQN-DATE REF

HC-ENG

JB/AF

129478

1T3N487_Z01

DRW HCUSR487 06356017

12/22/06

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP (6-395--Stanley Crawford Construc WILMOTH #2 Dense #2 Dense #3 HT13A)

 $(\ensuremath{^{**}})$ 3 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

המוח מובת זעו מו לבמטמס מ מזוורוו *סומוו וורמ מו ועמסס ווו*עי

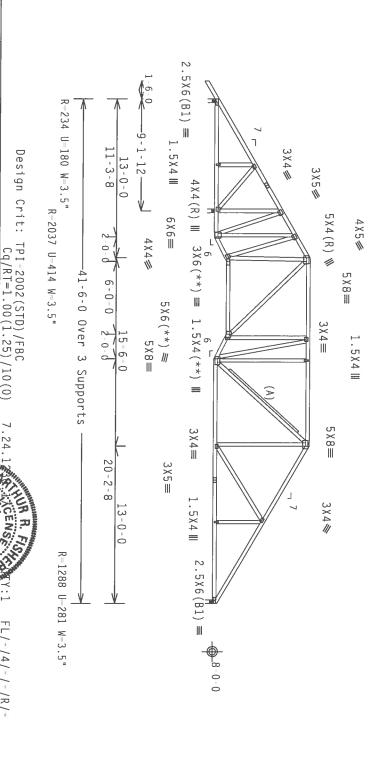
110 mph wind, 15.00 located within 6.50 DL=2.8 psf, wind BC ft mean hgt, ASCE 7-02, CLOSED bldg, not ft from roof edge, CAT II, EXP B, wind TC DL=2.2 psf.

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

Wind reactions based on MWFRS pressures.

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

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



WARNING IRUSSES REDUIRE EXTREME CARE IN FABRICATION. MANDEING, SHIPPING, INSTALLING AND BRACING. RETER TO BCS. (DUITDING COMPONENT SAFETY INFORMATION), PRUELSTIED BY TPI (TRUSS PLATE INSTITUTE, 21B MORTH LLE STREET, SUITE 312. ALEXANDRIAL, VA. 22314) AND MICA (MODD HUSS COUNCEL OF AMERICA, 6300 EXITEMPLISE LANE, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWIST HODICALIED NO PROBE SMALL HAME PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAME

Design Crit:

PLT

TYP.

Wave

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

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEPLATION HORN THIS DESIGN:

ANY FAILURE TO BUILID THE TRANSC IN CONTRACTOR THIS CONTRACTOR.

BESIGN CONTRACTS IN CONTRACTOR THE PILICABLE PROPUSIONS OF BUSS (MATIONAL DESIGN SPEC, BY AFRA) AND THE APPINE CONTRACTS ARE MADE OF 20/183/BEACH AND THE APPINE CONTRACTS ARE MADE OF 20/183/BEACH AND THE APPINE CONTRACTS ARE MADE OF 20/183/BEACH AND THE APPINE CONTRACTOR PLAISE ARE PROPUSION OF ANY STREET APPINE THAT THE PROPUSION AND THE APPINE CONTRACTOR PROPUSION OF PARTS FOR LOWER BY CONTRACTOR THIS DESIGN POSITION PER BOARHINGS 100A-Z.

ANY INSPECTION OF PARTS FOR LOWER BY CLICK FOR MATY AS OF THIS 200Z SEC. 3. A SEAL ON THIS BEACH OF PROPUSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRASS COMPONENT SECURIOR FOR THE PROPUSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRASS COMPONENT SECURIOR CONTRACTOR THE PROPUSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRASS COMPONENT SECURIOR CONTRACTOR TO THE PROPUSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRASS COMPONENT SECURIOR CONTRACTOR THE PROPUSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRASS COMPONENT SECURIOR CONTRACTOR CONTRACTOR THE PROPUSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRASS COMPONENT SECURIOR CONTRACTOR CON

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BC DL BC LL TC DL DUR.FAC. TC LL TOT.LD. 10.0 20.0 40.0 1.25 0.0 10.0 PSF PSF PSF PSF PSF DATE REF SEQN HC-ENG DRW HCUSR487 06356001 R487--KH/AF 130347 12/22/06 64997

Scale =.125"/Ft.

24.0"

JRFF-

1T3D487_Z01

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

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

ALPINE

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP PLT (B) 2x4 SP #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" OC. Wind reactions based on MWFRS pressures. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,.$ lpine Engineered Products, Inc 6 retuficate of A -- zation # 507 TYP. 395--Stanley Crawford Construc WILMOTH ALPINE Wave #2 Dense #2 Dense #3 **IMPORTANT** FIRMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ARTHOUGES, INC. SHALL MOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN CONFIDENCE. THE PROJECTS IN CONFIDENCE THIS PROJECTS IN CONFIDENCE THE PROJECTS IN CONFIDENCE THE PLANT OF THE PROVISIONS OF HOS SHATIONAL DESIGNS SPECE. BY AFFAN, AND THIS DESIGN CONFIDENCE THE PROVISIONS OF HOS SHATIONAL DESIGNS AND CAPPONE THE PROFILES ARE APPLY PARTS TO EACH FACE OF TRUSS AND. UNICES OTHERWISE LOCATED ON HIS DESIGN, POSITION FER DRAWTHOS 160A Z. ANY INSPECTION OF PLATES TOLLOWED BY (1) SHALL BE FER AIMER X3 OF THIS DESIGN FOR THE SHATION OF THE PROFILES TOLLOWED BY (1) SHALL BE FER AIMER X3 OF THIS DESIGN FOR THE RUSS COMPONENT DESIGN SHOWN. THE SULFMENT OF THE PROFILESTON AND SEC OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMSI/TPI I SCC. 2. ****WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDILING, SHIPPING, INSTALLING AND BRACING. REFER TO BESS! (BULLOHIG COMPONENT SAFETY INFORMATION), POULISMED BY TPI (TRUSS PLATE INSTITUTE, 21B MOBIN LEE STREET, SUITE 31Z. ALEXANDRIA, YA, 22314) AND NICA (MODO TRUSS COUNCIL OF AMERICA, 6300 ENLEGARIS LAME, MODISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNILESS OTHERWISE INDICATED TO PROBE SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE REFER TO BCS1 .5X6(B1) 6-0 =255 $\parallel \parallel$ 9-1-12 U = 18011 - 3 - 8Design Crit: 3X4 / 1.5X4 III W=3.515-0-0 3×5/ 4X4(R) III 5X10 / 5 X 5 ≡ 2022 U=180 W=3.5" HT15A 5 X 5 (R) W TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) Ö 6 5 X 6≡ 41-6-0 Over 6-0-0 5X12≡ 3 X 4 ≡ 6 2-0-5 X 6 ≡ 9 ď ω 0 Supports (B 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 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. (A) 1x4 SP #3 or better "T" brace. 80% length of web Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6 5 X 8 **■** $3X4 \equiv$ 3X5≡ 20-2 1.5X4 W 3×5/ 8 NAL ENGINEERS 3X4// 15-0-0 22 '06 o. 59687 R=1285 U=180 $2.5 \times 6 (B1) =$ BC DL TC DL TC LL DUR.FAC. TOT.LD. FL/-/4/-/-/R/ 40.0 10.0 20.0 10.0 PSF 0.0 b member. PSF PSF PSF PSF SEQN-DATE REF HC-ENG DRW HCUSR487 06356015 Scale R487--=.125"/Ft. JB/AF 12/22/06 129514 64998

SPACING

24.0"

JRFF-

1T3D4R7_Z01

Top Wind In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC. (A) 2x4 SP #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" OC. 9 Ipine Engineered Products, Inc. chord 2x4 SP chord 2x4 SP Webs 2x4 SP Ilaines City, FL 395 -- Stanley Crawford Construc WILMOTH reactions based on MWFRS pressures. TYP. ALPINE Wave 33844 zation # #2 Dense #2 Dense #3 **IMPORTANT** URBAISH A CORY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

PRODUCTS, HG. SHALL HOT DE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: MANY FAILURE TO BUILD THE TRUSK IN CONTORNAME WITH PILICABLE PROVISIONS OF THIS CANADIDAG, SHIPPING, INSTALLIA & BRACING OF BRISSES.

DESIGN CONTORNS WITH APPLICABLE PROVISIONS OF HIDS (MATIONAL DESIGNS SPEED, BY AGAPA) AND TH.

CONNECTOR PALES ARE MADE OF 70/18/16GA (H) HISSEX) ANTONAL DESIGNS SPEED, BY AGAPA) AND TH.

LIVES TO EACH FACE OF TRUSS, AND, JUNESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAWLING SIGNAL STEEL. APPLY

PLATES TO EACH FACE OF TRUSS, AND, JUNESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAWLING SIGNAL STEEL.

ANY HISPECTION OF PLATES TOLLOHOUR BY (1) SHALL BE FER AIMER AS OF THIS 2002 SEC. 3.

AS SEA, ON HITS STEEL ON THE STITUBALLITY AND USE OF THIS COMPONENT FOR THE RESPONSIBILITY SOLELY FOR THE RESPONSIBILITY OF THE **MARNING** TRUSSEX REQUIRE EXTREME CARE IN FABRICATION, HARDING, SHIPPING, INSTALLING AND BRACING, RETER TO BEST (BULLDING COMPONENT SAFETY HORBANION), PUBLISHED BY PE (TRUSS PLATE INSTITUTE, 21B MORTH LEE SHREET, SUITE 312, ALEXANDRIA, YA, 22314) AND HICA (400D HAUSS COUNCEL OF AMERICA, 6300 CHILERRISE LANE, HADISON, WE 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNICESS OTHERHISE HOUGHOUT BOURD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE 2.5X6(B1) =1-6-0 =303 <u>[=1</u> 1.5X4/ Design Crit: 081 12 =3.5 3×5/ 17-0-0 * 4 X 4 == R=1954 U=195 W=3.5" 4×5/ H17A) TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 3 X 6≡ 41-6-0 5 X 6≡ 4 X 8 = \geq Over (B 6 ယ ò Supports 5 X 8 ≡ 3 X 4 ≡ (C) 1x4 SP #3 or better "T" brace. 80% length of web member Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED located within 6.50 ft from roof edge, CAT II, EXP DL=5.0 psf, wind BC DL=5.0 psf. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. (B) 2x6 SP #3 or better "I" brace. 80% length of web member Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" 0C. 3 X 6≡ 4 X 5 🥠 WILLIA R. 3 X 4 ≡ 3×5// CENSE PONAL ENGINEERING 1.5X4 🥢 lo. 59687 R=1296 U=180 $2.5 \times 6 (B1) =$ BC DL TC DL SPACING ВС TC LL DUR.FAC. TOT.LD. FL/-/4/-/-/R/-8-0-0 40.0 10.0 20.0 24.0" 1.25 10.0 PSF 0.0 bldg, not B, wind TC PSF PSF PSF PSF SEQN-DATE REF JRFF-HC-ENG DRW HCUSR487 06356003 Scale =.125"/Ft. R487--1T3N487_Z01 JB/AF 129525 12/22/06 64999

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 TO DL=5.0 psf, wind BC DL=5.0 psf. Top chord Bot chord Note: All Plates Are Calculated vertical deflection is 0.55" 0.88" due to dead load at X = 14-0-4. Calculated horizontal deflection is 0.20" 0.32" due to dead load. Wind reactions based on MWFRS pressures. NOTE: In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C. Alpine Engineered Products, Inc 1950 Marley Drive chord 2x4 SP chord 2x4 SP Webs 2x4 SP Hames City, FL TYP. THIS TRUSS IS DESIGNED TO CARRY ONLY 2-0-0 OF LOAD. ALPINE 18 33844 zation # * Gauge HS 6 0 $3X4(A1) \equiv$ #2 Dense #2 Dense :B2 2x6 SP #3 R = 1715, Wave 3×4 **IMPORTANT** CURNISH A COPY OF THIS BESIGN 18 THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED
PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS BESIGN: ANY FAILURE TO BUILD THE
RUSS IN CONFORMACE WITH THE TELEPHS OF THIS CONTRACTOR SPECE BY ATERA AND THE CONTROL OF THIS ARE AND CONTROL OF THIS ARE THOSE OF THE THIS ARE THOSE OF THE THIS OF THIS OF THIS OF THE THIS OF THE THIS OF THIS OF THE T **WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING. RETER TO BEST (BRUSSES PLATE INSTITUTE, 218 MORTH LEE STREE, SUITE 212. ALEXANDRIA, VA. 22314) AND MICA (MODD BRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS DIMERMISE INDICATED FOR CHORD SMALL HAME PROPERLY ATTACHED STRUCTURAL PAHELS AND BOTTOM CHORD SMALL HAME PROPERLY ATTACHED STRUCTURAL PAHELS AND BOTTOM CHORD SMALL HAME PROPERLY ATTACHED STRUCTURAL PAHELS AND BOTTOM CHORD SMALL HAME 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. U=180 W=3.5" Except As Shown. 2 9-3-14 .67 5 X 8 = .5X4 Ⅲ 4X4(R) W #1 Dense: 5 X 5 = due to due to Design Crit: SS0612≡ 9 ìive 0-0-0 live load load TPI-2002 (STD) /FBC and B2 Cq/RT=1.00(1.25)/10(0) and 8X10≡ 38-6-0 5 X 4 (R) ₩ 0ver = 9 X 9 5 X 6 ≡ 日 2 Supports 1 - 11 - 4 $2.5 \times 6 \equiv$ Right end vertical not exposed to wind pressure Webs : 1 Row @ 4" o.c. Use equal spacing between rows and stagger nails in each row to avoid splitting. Nailing Schedule: Top Chord: 1 Row Bot Chord: 1 Row 2 (A) SP #3 or better scab brace. Same size & 80% length of web member. Attach with 10d Box or Gun (0.128"x3",min.)nails @ 6" Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. COMPLETE 29 2 2-2 Ö ò 1.5X4 III 3X5= €X6≡ 2 X 4 III Conse (12d_Common_(0.148"x3.25",_min.)_nails)
@12.00" o.c.
@12.00" o.c.
@4" o.c. . 59687 TRUSSES 12-3 4 X 8≡ REQUIRED BC LL BC DL TC DL TC LL DUR.FAC. TOT.LD. FL/-/4/-/-/R/-R=1593 U=180 10.0 20.0 40.0 10.0 1.25 0.0 1.5X4 Ⅲ PSF PSF PSF PSF PSF DATE REF SEQN-DRW HCUSR487 06356041 HC-ENG Scale R487--=.1875"/Ft. JB/AF 16167 12/22/06 65000

SPACING

24.0"

JBEE-

1T3D4R7_Z01

Top PLT 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. Calculated horizontal deflection is 0.21" due to live load and 0.33" due to dead load. lpine Engineered Products, Inc 6 chord 2x4 SP chord 2x4 SP Webs 2x4 SP Haines City, FL 395 TYP. Stanley Crawford Construc WILMOTH ALPINE 20 33844 zation # Gauge HS, Wave 1-6-0 3X8(F2) **≤** #2 Dense #2 Dense #3 R = 1715DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HOS (MAILONAL DESIGN OFFICE BY A CONNECTION PLATES ARE MADE OF 20/18/1604 (M. 1975/12). ASTH AGS GRADE GOOD PLATES AND MINESS OTHERWISE LOCATED ON THIS DESIGN, PARTIES TO FACH FACE OF TRUSS AND MINESS OTHERWISE ALOR FER ANNEX ALOR FER AND OF PARTIES AND TRAINES AND OF PARTIESSTOWAL DESIGNATION FOR A REPORTS BELLITY OF THE PARTIES AND OF PARTIESSTOWAL DESIGNATION FOR REPORTS BELLITY OF THE PARTIES ACCEPTANCE OF PROFESSIONAL DESIGNATION FOR THE PROPERTY OF THE PARTIES ACCEPTANCE OF PROFESSIONAL DESIGNATION FOR THE PARTIES ACCEPTANCE OF THE PARTIES ACCEPTA DESIGN SHOWN. THE SUITABILITY AND USE OF THIS BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. **IMPORTANT** FIRMISM A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT HE RESPONSIBLE FOR ANY DEVALITOR FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN CONTORMANCE WITH THE OR FABRICATION, IMMOLING, SHIPPING, INSTALLING A REACKING OF TRUSSES.

DESIGN CONTORMS WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY AFAPA) AND IPI. ALPINE :82 2x6 *IMPORTANT** U=180 W=3.5" 1.5 X 4 ≡ 9 2.67 -3-14 SP #1 Dense 3 × 4 ≡ 7 X 8≡ Design Crit: HS612≡ 4 X 4 ≡ * 0-0-AV2) 4 X 4 == 3 X 4≡ TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 82 THIS DESIGN, POSITION PER DRAWINGS 160A Z
OF TPI1 2002 SEC.3. A SEAL ON THIS
ONSIBILITY SOLELY FOR THE TRUSS COMPONENT 38-6-0 $3 \times 4 \equiv$ 8X12≢ 6X6≡ Over 2 Supports 5×8/ 5 X 4 (R) III 5×6/ STEEL. -11-4 26-7-10 Calculated vertical deflection is 0.43" due to live load and 0.69" due to dead load at $\rm X=16\text{-}0\text{-}4$. Right end vertical not exposed to wind pressure 110 mph wind, 15.00 ft mean hgt, ASCE 7 02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C. (A) Continuous lateral bracing equally spaced on member. 5 X 6 ≡ $\widehat{\mathbb{A}}$ 4X10≡ 5 X 5 = . 5968 N 0 3×4// Ö 12 - 3 - 0BC DL BC LL TC DL SPACING TC LL DUR.FAC. TOT.LD. FL/-/4/-/-/R/-1.5X4 III 5 X 8 ≡ .5X4 📰 R=1593 U=180 N 2.5X6(R) III 40.0 10.0 -6-8 20.0 24.0" 1.25 10.0 PSF 0.0 4×5// PSF PSF PSF PSF JRFF 1T3N487_Z01 SEQN-DATE REF HC-ENG DRW HCUSR487 06356032 Scale = .1875"/Ft. R487--JB/AF 16164 12/22/06 65001

PLT Bot P Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Wind reactions based on MWFRS pressures. (A) Continuous lateral bracing equally spaced on member Alpine Engineered Products, Inc 1950 Marley Drive 6 chord 2x4 SP t chord 2x4 SP Webs 2x4 SP TYP. 395--Stanley Crawford Construc WILMOTH ALPINE Wave 1 6 0 3X8 (F2) ≡) #2 Dense | #2 Dense | #3 :W8 2x4 SP R = 1715**IMPORTANT** FURBLISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM HITS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN CONTRACHORYCE WITH TPI; OR FABRICATING, HANDLING, SHPPING, INSTALLING A BRACHING OF TRUSSES. DESIGN CONTRONS WITH APPLICABLE PROVISIONS OF HOS (HAVIONAL DESIGN SPEC, BY ATRA), AND TPI. ALPINE CONNECTOR PLATES, RE HADE OF 20/10/16GA (H.1/5S/P), ASTH A653 GRADE 40/60 (H. K/H.SS) GALV. STEEL, APPLY PLATES TO ACCOUNTE TO ACCOUNT TACK OF TRUSS AND, UNITES OF HOS TOOM THIS DESIGN POSITION PER DRAWHINGS 16GA, Z. ANY INSPECTION OF TRATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TPI1 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL U=180 W=3.52.67 9-3-14 9-3-12 #2 Dense: 3×4/ 1.5X4 III Design Crit: 5 X 6 ≡ 5X8≡ AV3) TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 3 X 4 ≡ 9 $3 \times 4 \equiv$ 0-0-38-6-0 Over SOLELY FOR THE TRUSS 8 X 8 €X8**≡** ~ Supports 8X8 SEAL ON THIS In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC. Calculated horizontal deflection 0.21" due to dead load. 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. 4 X 6 ≡ -4 29 2-2 \geq 4 X 10≡ 5 X 5≡ VENSE o. 59687 F OF * 3×4// 2 5 X 4 ≡ 3-0 ASCE 7-02, CLOSED edge, CAT II, EXP is 0.13" BC DL BC LL TC DL TC LL DUR . FAC. TOT.LD. FL/-/4/-/-/R/due to R=1593 U=180 W=3.5" 10.0 20.0 40.0 10.0 PSF 1.25 0.0 4 X 5 // live B, wind TC PSF PSF PSF PSF load and 8-0-SEQN-DATE REF ₩10-0-0 HC-ENG DRW HCUSR487 06356037 Scale = .1875"/Ft. R487--0 JB/AF 16147 12/22/06 65002

Hannes City, FL

33844 zation # *

DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT BUILDING DESIGNER PER ANSI/IPI I SEC. 2.

IS THE RESPONSIBILITY OF

SPACING

24.0"

JRFF

1T3D487_Z01

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

Wind reactions based on MWFRS pressures

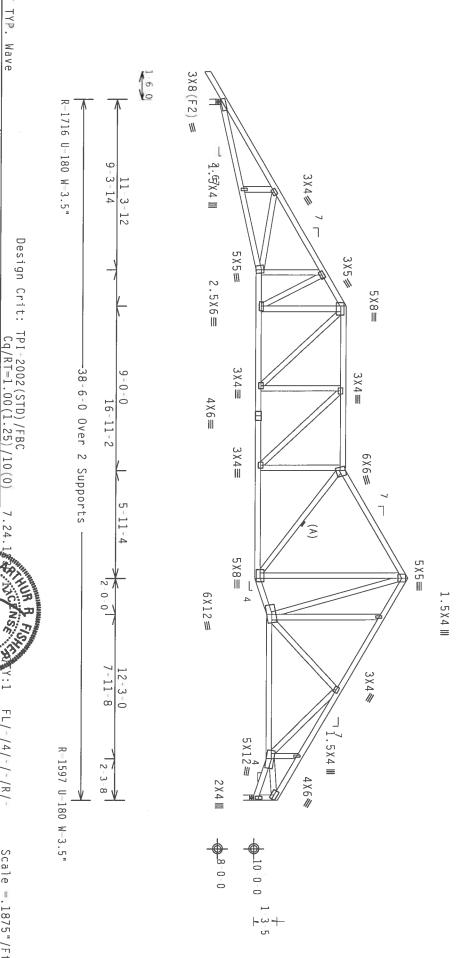
(A) Continuous lateral bracing equally spaced on member

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, 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

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

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



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

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

ANY BUILDING IS THE RESPONSIBILITY OF THE

90'

SPACING

24.0" 1.25

JRFF

1T3D487_Z01

DUR.FAC TOT.LD.

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JB/AF

ALPINE

MARNING IBUSISES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, RETER TO BEST (MULTING COMPONENT SAFETY INFORMATION), PHOLESTROE BY FPI (TRUSS PLATE HISTITHIE, 21BE MORTH LEE STREE, SUITE 312. ALEXANDRIA, VA. 22314) AND MICA (MODD BRAUS COUNCIL OF AMERICA, 6300 ENTERPRISE (AME, HADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE HOLDING TO BE AMERICA MODES SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE

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Scale =.1875"/Ft

R487--

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*

TC DL TC LL

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DATE REF

12/22/06

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PSF

BC DL BC LL

10.0 PSF

DRW HCUSR487 06356039

PLT TYP.

Wave

9 395--Stanley Crawford Construc WILMOTH --AV5)

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

Wind reactions based on MWFRS pressures

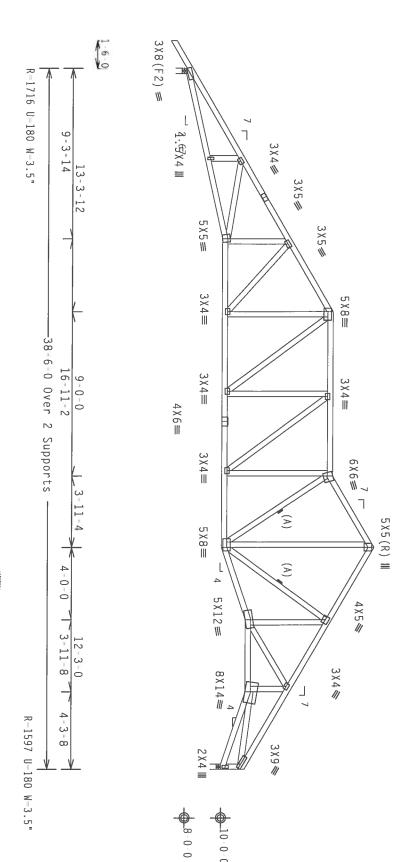
(A) Continuous lateral bracing equally spaced on member.

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, 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

Calculated horizontal deflection 0.24" due to dead load. is 0.15" due tο live load and

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



0

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

TYP.

Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FADRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING. RETER TO BEST (RUSS PLATE INSTITUTE, 21B HORRH LEE STREET, SUITE 312. ALEXANDRIA, VA. 27314) AND HEA, (400D BINSES COUNCEL OF AMERICA, 6300 ENTERPRISE LANE. HADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FINANCIANS. UNIESS OTHERWISE LANE. HADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FINANCIANS. UNIESS OTHERWISE THREE AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE

Design Crit:

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

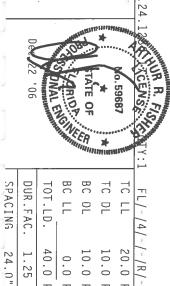
IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED
PRODUCTS, INC. SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE
TRUSC ST HE CONTRAMACE WITH THE!

OF FARRICATING, HANDLING, SHIPPING, INSTALLING, SHIPPING, INSTALLING A BRACTHS OF TRUSCES,
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HOS (MAIONAL DESIGN SPEC, BY AFAPA) AND THE
CONFECCION PALARS ARE MADE OF 70/18/16AG, (MAINSYN) ASTAL ASSA GRADE 40/50, BY AFAPA AND THE
CONFECCION PALARS ARE MADE OF 70/18/16AG, (MAINSYN) ASTAL ASSA GRADE 40/50, BY LIST OF THE ANALYSIS OF THE TRUSC STORM AND THE TRUSC SCOPPONENT

ANY INSPECTION OF PALAES FOLLOWED BY (1) SHALL BE FER ANDREX AS OF THE TRUSC SCOPPONENT

BRANDH OF HOLES ACCEPTANCE OF PROFESSIONAL LUGINEERING, RESPONSIBILITY SOLELY FOR THE TRUSC SCOPPONENT DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERS DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 7. ANY BUILDING THI SI A SEAL ON THIS
OR THE TRUSS COMPONENT
RESPONSIBILITY OF THE



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JB/AF

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DRW HCUSR487 06356025

24.0" 1.25

JRFF-

1T3D487_Z01

Alpine Engineered Products, Inc. 1950 Marley Drive Hanes City, FL 33844 PLT Top Bot Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,.$ Wind reactions based on MWFRS pressures (A) Continuous lateral bracing equally spaced on member 6-395--Stanley Crawford Construc WILMOTH chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3 TYP. ALPINE Wave 160 3X8(F2) ≡ R=333 PLF U=35 **IMPORTANT** TURBISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, THE. SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; MAY FALLERE TO BUILD THE TRUSS IN CONTRACHAGE WITH THE THE OFFICE OF THE TRUSSES. THE CONTRACT WITH THE THE OFFICE OF THE TRUSSES. THE CONTRACT WITH APPLICABLE PROVISIONS OF HOS (MAILDONAL DESIGN ESEC, BY AFRA) AND THE ALPINE CONTRACTOR PLATES, ARE MADE OF ZO/BOIGNA (M. MASSY), ASTH AGS BRADE 40/60 (M. K/M.SS) GALV. STEEL. APPLY PLATES TO LACE OF TRUSSES AND WHILESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER BOARMIGS. STORA E **WARNING** TRUSSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACTIME RETER TO BESS! (BUILDING COMPONENT SALETY HEORBANION), PUBLISHED BY TET (TRUSS FLATE INSTITUTE, 218 HORBIT LEE SHEET. SUITE 312, ALEXANDRIA, VA. 22314) AND MICA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENTERFERSE LAME, MADISON, HI 53/19) FOR SACETY PRACTICES PRIOR TO PERFORMING HIESE TUNCTIONS. UNLESS OTHERWISE HOUSEAND FOR THE SALETY PROPERTY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE ANY INSPECTION OF PHATES FOLLOWED BY (1) SHALL BY PER ANNEX AS DRAWING INDICATES ACCIPIANCE OF PROFESSIONAL ENGINEERING RESPONSIÓN SHOWN. IN SUITABLILITY AND USE OF THIS COMPONENT FOR BUILDING DESIGNER PER ANSI/IPI 1 SEC. 2. 9-3-14 1.5X4 III 3×4/ PLF 3×5/ W=5 5-3-12 -1-12 Design Crit: 5 X 6 ≡ 3X5 UNILES OTHERMISE (OCATED ON THIS DESIGN, POSITION PER DRAWHINGS 1604-S By (1) Shall of Per Annex a3 of 1911 2002 Sec.3. — A seal on this Professional Engineering Responsibility Solely for the Truss Component AV6) TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/ 2.5X6= 5 X 8≡ ANY BUILDING 38 3 X 6 == 6 0 16-11-2 0ver HE Q 3 X 4 ≡ RESPONSIBILITY OF $3 \times 4 \equiv$ 2 Supports /10(0)ò ò 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 located within 4.50 ft from roof edge, CAT II, EXP DL=5.0 psf, wind BC DL=5.0 psf. Calculated horizontal deflection Ξ 3 \ 4 ≡ due to dead load. 5×5= 5 X 8≡ 5X5(R) ₩ 22 '06 No. 5968 CENSE Ξ 0 4 0 5X12≡ 4 X 5 // * 3-11-8 ώ is 0.14" 0 BC LL BC DL TC DL 3×4// SPACING 8X14≡ DUR.FAC. TC TOT.LD. FL/-/4/-E 4-3-8 due to R=1597 U=180 W=3.5" 24.0" 1.25 40.0 10.0 20.0 10.0 PSF -/R/-0.0 3×9/ 2 X 4 III live load and B, wind TC PSF PSF PSF PSF JRFF-8-0-0 DATE SEQN-REF HC-ENG ₩-10-0-0 DRW HCUSR487 06356040 Scale = .1875"/Ft. R487 JB/AF 12/22/06 129617 65005 REV

1T3D487_Z0

l op Bot chord 2x4 SP chord 2x4 SP Webs 2x4 SP 395--Stanley Crawford Construc WILMOTH #2 Dense #2 Dense #3 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

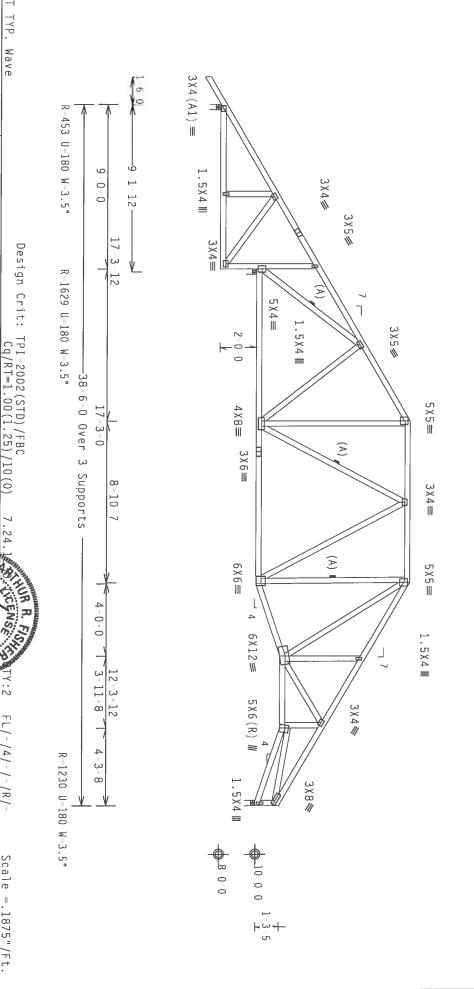
(A) Continuous lateral bracing equally spaced on member

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

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

Shim all supports to solid bearing.



Alpine Engineered Products, Inc. Haines City, FL 33844
Certificate zation # ALPINE

PLT TYP.

Wave

MARNING TRUSSES REQUIRE CYREME CAME IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACTING RETER TO BESS! (BUILDING COMPONENT SALFET MERRATION), PUBLISHED BY TPT (TRUSS PLATE INSTITUTE, 2718 MOBINITE SERVET, SUITE 312, ALEXANDRIA, VA, 27314) AND MICA (4000 HUSS COUNCIL OF AMERICA, 6300 CHIEGREPISE LAME, MADISON, HI 53719) FOR SALETY PRACTICES PRIOR TO PERFORMING HUSS FUNCTIONS, UNLESS OTHERWISE HOLDSCALED FOR GOODS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

Design Crit:

CENSE

FL/-/4/-

-/R/-

Scale =.1875"/Ft

. 59687

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ВС BC DL TC DL TC LL

0.0

PSF

HC-ENG

JB/AF

40.0

PSF

SEQN-

129644

SPACING DUR.FAC. TOT.LD.

24.0" 1.25

JRFF

1730487_20

***IMPORTANT** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, THE. SHALL HOT BE RESPONSIBLE FOR ANY DEVALUTION FROM THIS DESIGN: MAY FALURE TO BUILD THE PRODUCTS, THE. SHALL HAT BACKED OF TRENSES. DESIGN CONFORMACE WITH THE FOR FARRICATION, ANNOTHER, SHIPPING, THIS MALLING A BACKED OF TRENSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HIS (HATIONAL DESIGN SPEC, BY ATRA) AND THE THIS CONFORMS WITH APPLICABLE PROVISIONS OF HIS (HATIONAL DESIGN SPEC, BY ATRA) AND THE ALPINE CONFORMS TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE, DEALING SPEC, BY ATRA) AND THE THE ADMINISTRATION OF TAPIES OF THE ADMINISTRATION OF THE SECOND OF THE PROPERTY OF THE ADMINISTRATION OF THE SECOND OF TH

From 5 PLF at 1.50 Loc C From 5 PLF at 0.00 to C 456 LB Conc. Load at 7.0 C 190 LB Conc. Load at 9.1 C 1900, 23.00, 25.00, 27. BC 443 LB Conc. Load at 7 BC 443 LB Conc. Load at 7 BC 23.00, 25.00, 25.00, 2 Bot PLT TYP. SPECIAL LOADS Alpine Engineered Products, Inc. p chord 2x6 SP #2 t chord 2x6 SP #2 Webs 2x4 SP #3 -395 - Stanley Crawford Construc WILMOTH Plaines City, FL 33844 (LUMBER ALPINE Wave ER DUR.FAC.=1.
31 PLF at -1.
5 PLF at -1.
10 PLF at -1. 1-6-0 4X8(B3) = :W7 2x4 SP :T1 2x4 SP 1. -1.50 to t -1.50 to t -1.50 to 0.00 to 1. 00 to 0.00 to 0.00 27.00, 2 1. 00 27.00, 2 1. 27.00, 29. R=2422 U=262 W=3.5" LIPPURTANT** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. APPINE ENGLIFECTED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HITS DESIGN. APPINE ENGLIFECTED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HITS DESIGN. ANY FAILURE TO BUILD THE RUSSES. IN CONFORMATE HITH FOR:

OF FARMES IN CONFORMATE HITH FOR:

OF FARMES AND ANY FORMAT OF THE STANDARD FOR SHALLOW RESIGN SPEC. BY ATRAY AND FP). ALPHE CONNECTOR PLATES AND HOLESS OFFRENCE AND ASSOCIATED AND FRANCE STORMATH OF THE STANDARD FOR THE STANDA **MARNING** TRUSSES REQUIRE EXTREME CARE IN FARRICATION. HANDLING. SHIPPING, INSTALLING AND BRACTING. RETER TO RESS! QUILLENG COMPONENT SAFETY INFORMATION), PUBLISHED BY PET (TRUSS PLATE INSTITUTE, 218 MOBH LEE STREET. SUITE 212. ALEXANDRIA, VA. 22314) AND MEA (MODD TRUSS COUNCEL OF AMERICA, 6300 EUTERPRISE LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDUCATED FOR ORDER SMALL HAVE PROPERLY ATTACHED STRUCTURAL PAUELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PAUELS AND BOTTOM CHORD SMALL HAVE PLATE #2 Dense: #2 Dense: 1.5X4 Ö E DUR.FAC.=1.25)
31 PLF at 29.50
5 PLF at 0.00
10 PLF at 29.50 11.00, 29.00 11.00, 29.00 Ö 13.00, 15.00, 17.00 13.00, Design Crit: $3 \times 4 \equiv$ 5 X 8 ≡ 15.00, HM7B 17.00 TPI-2002(STD)/FBC __Cq/RT=1.00(1.25)/ 29 6-0 0ver 4 X 1 0 ≡ 2×4 Ⅲ /10(0)2 5 X 4 ≡ Supports 110 mph wind, 15.00 ft mean hgt, ASCE anywhere in roof, CAT II, EXP B, wind DL=5.0 psf. Right end vertical not exposed to wind In lieu of structural panels or rigid ceiling use brace TC @ 24" 0C, BC @ 24" 0C. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. 4×4= 7.25 22 6 0 CENS lo, 59687 4 X 5 ≡ 6X8≡ R ≯ BC LL BC DL SPACING TC DL TC LL DUR.FAC. TOT.LD. FL/-/4/-7-02, CLOSED bldg, Located TC DL=5.0 psf, wind BC pressure 10.0 20.0 40.0 24.0" 1.25 10.0 PSF -/R/-0.0 =2732 U=294 purlins 5 X 8≡ PSF PSF PSF PSF 3 X 4 Ⅲ JRFF-SEQN DATE REF HC-ENG DRW HCUSR487 06356046 Scale = .25"/Ft. R487--8-0-0 1T3D487_Z0 JB/AF 65295 12/22/06 65007 REV

Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C. Wind reactions based on MWFRS pressures Alpine Engineered Products, Inc. TYP. 395 Stanley Crawford Construc WILMOTH Hames City, FL 33844

Certificate zation # ALPINE Wave 1-6-0 $2.5 \times 6 (B1) =$ R=1337 U=180 W=3.5" PHAITES TO FACH FACE OF TRUSS AND, UNITESS DIMERSHEE LOCATED ON THIS DESIGN, POSITI ANY INSPECTION OF PLATES FORLOWED BY (1) SHALL BE PER AMBEY AND OF THIS 2002 SEC.3 DANATHO INDICATES ACCOPTANCE OF PROFITSSIONAL ENGINEERING RESPONSIBILITY SOLETY. DESIGN SHOWN. HE SUITABLETY AND USE OF THIS COMPONENT FOR ANY BUILDING IS HI BUILDING DESIGNER PER ANSI/TOT SEC. 2. ***IMPORTANT** FURNISH A COPY OF THIS DESIGN TO HE INSTALLATION CONTRACTOR. ALPINC ENGINEERED PRODUCTS, HC. SMALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILENE TO BUILD HE TRUSS IN CONTORNANCE WITH THE POWER FABRICATION. AND THIS, SHIPPING, INSTALLING A BRACING OF TRUSSES. DESIGN CONTORNS WITH APPLICABLE POWER FABRICATION, ASTH ASSES ORABLE OFFOR BY ATERA, AND THE ANY STORY OF THE CONTORNS WITH APPLICABLE OF TO/THE/TORN OF MOS (MATIONAL DESIGN GYEC, BY ATERA, AND THE ANY STORY OF THE CONTORNS WITH APPLICABLE OF TO/THE/TORN OF MOS (MATIONAL DESIGN GYEC, BY ATERA, AND THE CONTORNS WITH APPLICABLE OF TO/THE/TORN OF THE CONTORNS WITH APPLICABLE OF TO/THE/TORN OF THE CONTORNS WITH APPLICABLE AND THE ANY OF THE CONTORNS WITH APPLICABLE AND THE ANY OF THE ANY OF THE CONTORNS WITH APPLICABLE AND THE ANY OF THE A **WARNING** TRUSSES REQUIRE EXTREME CARE IN FARRICATION. HANDLING. SHIPPING, INSTALLING AND BRACTING. REFER TO BEST (RUSS PLAIT INSTITUTE, 218 MORTH LEE STREET, SUITE 312. ALEXANDRIA, VA. 22314) AND MICA (4000 MINS CHUNCLO FAMERICA, 6300 ENTERPRISE LANE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING MINS CHUNCLO FAMERICA, UNITESS OFFICENCIAL TRUST CHORD STALL INVERDIBLE APROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD STALL INVERDIBLE APROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD STALL HAVE 1.5X4// Design Crit: TPI-2002(STD)/FBC 3 X 4 ≡ HM9B Cq/RT=1.00(1.25)/10(0) RADE 40/60 (W. K/H.SS) GALV. STEEL. APPLY
THIS DESIGN, POSITION PER DRAWINGS 160A Z
OF TPI1 2002 SEC.3. A SEAL ON THIS 29-6-0 Over SOLELY FOR THE TRUSS COMPONENT 3 X 4≡ 2 4×8≡ .5X4 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. Right end vertical not exposed to wind pressure. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. 3 X 4 ≡ 20-6-0 4 X 5 ≡ * BC DL SPACING TC DL TC LL DUR.FAC. TOT.LD. FL/-/4/-/-/R/-40.0 R=1217 U=180 24.0" 1.25 10.0 PSF 10.0 PSF 20.0 PSF 0.0 PSF 1.5X4 W 4 X 5 = PSF IRFF REF DATE SEQN-HC-ENG DRW HCUSR487 06356047 Scale =.25"/Ft. R487--1T30487_Z01 JB/AF 16189 12/22/06 65008

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844 In lieu of structural panels or rigid ceiling use purlins to brace TC @ $24\mbox{"}$ OC, BC @ $24\mbox{"}$ OC. Wind reactions based on MWFRS pressures PLT TYP. 6 395 Stanley Crawford Construc WILMOTH ALPINE Wave 1-6-0 $2.5 \times 6 (B1) =$ #2 Dense #2 Dense #3 R=1337 U=180 W=3.5" ***IMPORTANT** FURBLISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, THE. SHALL HOT BE RESPONSIBLE FOR MAY DEVALATION FROM THIS DESIGN: ANY FALURE TO BUILD THE ROUGHTS, THE. SHALL HOT A BACKING OF TRUSSES. BESTON THE APPLICABLE PROVISIONS OF JIDS (HALTOMAL DESIGN SPEC, BY ATRA) AND THE APPLICABLE PROVISIONS OF JIDS (HALTOMAL DESIGN SPEC, BY ATRA) AND THE APPLICABLE OF THE ARE MADE TO TRUSSES, AND AND THE APPLY PRACTES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE, LOCATED DIT HIS DESIGN DOSITION FER BRANDINGS 160A A ANY INSPECTION OF PRACTES OF THE APPLY PALIES TO FACH FACE OF TRUSS AND, UNLESS OTHERWISE, LOCATED DIT HIS DESIGN DOOT PRACTES OF A SEAL ON THIS BRANDINGS 160A A SEAL ON THIS BRANDINGS 160A A SEAL ON THIS BRANDING HOUGASTES, ACCEPTANCE OF PROCESSIONAL ENGINEERING RESPONSIBILLTY SOLLEY FOR THE HRUSS COMPONENT **WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, IMARLING. SHIPPING, INSTALLING AND BRACING RETER TO RES! QUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE (TRUSS PLATE HISTITUIE, 2) and hotel lee Shree, suite 312. ALEXANDRIA, VA, 22314) AND MEA (40000 TRUSS COUNCIL OF AMERICA, 63000 ENTERPRISE LANE, MADISON, HI 53/19) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE EDUCTIONS. UNLESS OFHIGHISE HOTELTONES LANE APROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. 1.5X4 III 11-0-0 3X4# Design Crit: * HM11B TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 3 X 4≡ 4 X 8 == ANY BUILDING 29-6-0 3H1 S1 $3 \times 4 \equiv$ 0ver RESPONSIBILITY OF 2 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. Right end vertical not exposed to wind pressure. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. 1.5X4 III 4 X 8≡ CENSE 8-6-0 STATE OF 6.59687 $3 \times 4 \equiv$ 3 X 4 ≡ 4 X 4≡ BC LL BC DL SPACING TC DL TC LL DUR.FAC. TOT.LD. FL/-/4/-40.0 10.0 20.0 R=1217 U=180 24.0" 1.25 10.0 PSF -/R/-0.0 1.5X4 III 4 X 4 == PSF PSF PSF PSF JRFF 1T3N487_Z01 SEQN-DATE REF DRW HCUSR487 06356048 HC-ENG Scale =.25"/Ft. R487--8-0-0 JB/AF 12/22/06 16191 65009 6 ė

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP Wind reactions based on MWFRS pressures Alpine Engineered Products, Inc PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,.$ (A) Continuous lateral bracing equally spaced on member 6-395--Stanley Crawford Construc WILMOTH Haines City, FL 33844
ertificate zation # ALPINE Wave 1-6-0 $2.5 \times 6 (B1) =$ #2 Dense #2 Dense #3 R=1337 U=180 W=3.5" **IMPORTANT** FURBLISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR
PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FALLINE TO BUILD THE
RUSCS IN CONTENHANCE WITH THE TO BE THE PROPERTY OF THE PROPE **MARNING** TRUSCES REQUIRE EXTREME CARE IN FABRICATION, LIMBLING, SHIPPING, INSTALLING AND BRACING, RITER TO RESE (BUILDING COMPONENT SAFETY INFORMATION), POBLISHED BY FPI (TRUSS PLANE INSTITUTE, 218 NORTH TE STREET, SUITE 112, ALEXANDRIA, VA. 22314) AND WICK (MODO TRUSS CONDELLO FARREICA, 6300 CHIERRRISE LAME, HADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING INESE FRUCTIONS. UNLESS OBJECTION OF THE PROPERTY ATTACHED STRUCTURAL PAHELS AND BOTTOM CHORD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PAHELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED RIGID CELLING. DRAWING INDICALES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE IRUSS COMPONENT 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. Design Crit: 13 - 0 - 01.5X4 III 5X4 * H13B TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0) -29-6-0 Over 4 X 5 = 4 X 8 ≡ **N** $3 \times 4 =$ 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. In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC. Right end vertical not exposed to wind pressure 3 X 4 ≡ -6-0 SENSE Ng. 59687 (A) ATE OF 4 X 8 ≡ 4 X 4 == BC DL TC DL TC LL DUR.FAC. TOT.LD. FL/-/4/-/-/R/-2.5X6 8-0-0 40.0 20.0 10.0 R=1217 U-180 1.25 10.0 PSF 0.0 3X4(R) W 1.5X4 III PSF PSF PSF DATE REF HC-ENG DRW HCUSR487 06356049 SEQN-Scale = .25"/Ft. R487--JB/AF 16193 12/22/06 65010

SPACING

24.0"

JRFF-

1T3D487_Z01

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP Wind reactions based on MWFRS pressures Alpine Engineered Products, Inc PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. (A) Continuous lateral bracing equally spaced on member 6-395--Stanley Crawford Construc WILMOTH Haines City, FL 33844

ertificate zation # ALPINE Wave 1-6-0 $2.5 \times 6 (B1) =$ #2 Dense #2 Dense #3 R=1337 U=180 W=3.5" **IMPORTANT** FURBLISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED
PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE
RUSS IN CONFORMACE WITH IPT:

OESTIGN CONFORMS WITH APPLICABLE PROVISIONS OF THOS (MAIDONAL DESIGN SPEC, BY AREA) AND TPT.

CONNECTOR PLATES ARE ANDE OF 70/15/166A (M.H/SS/K) ASTM A653 GRADE 40/50 (M.K/M.SS) GALV. STEEL. APPLY
PLATES TO EACH FACE OF TRUSS AND. BUILESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z.

ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A.O OF TPTI 2002 SEC.3. A SEAL ON THIS
DRAWING INDICALES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT
DRAWING INDICALES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT
DRAWING INDICALES ACCEPTANCE OF PROFESSIONAL ENGINEERING AS SOLED WITH THE SOLED FOR THE TRUSS COMPONENT
DRAWING INDICALES ACCEPTANCE OF PROFESSIONAL ENGINEERING ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. **MARNING** IBUSSIS ROUIRE EXTREME CARE IN FABRICATION, MANDLING, SHIPPING, INSTALLING AND BRACING, RETER TO BEST (BUILDING COMPORTHI SAFETY HORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 21B NORTH LEE STREET, SUITE 312, ALEXANDRA, VA. 22314) AND MICA (400D TRUSS COUNCELO FAMERIA, 6300 (INTERPRISE LAME, MADISON, WI 53719) FOR SAFETY PRACIFICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OFFICEMENTS INDICATED DO FORDE SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE Design Crit: 15 1.5X4 III * 3X4/ Ö Ö 3X4# H15B) TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) .29-6-0 Over $\widehat{\mathbb{A}}$ 3 X 4 ≡ 3 X 4 ≡ 4 X 8 ≡ \sim 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. In lieu of structural panels or rigid ceiling use purlins brace TC @ 24" 0C, BC @ 24" 0C. Right end vertical not exposed to wind 4-6-0 $\widehat{\mathbb{A}}$ 4 X 8≡ 4 X 5 == SNED 6.59687 0.7 * 10-0-0 SPACING BC LL BC DL TC DL TC LL DUR.FAC. TOT.LD. FL/-/4/pressure. 10.0 40.0 20.0 24.0" 1.25 10.0 PSF R=1217 U=180 -/R/-0.0 3X4(R) Ⅲ 1.5X4 III PSF PSF PSF PSF 1866 DATE REF SEQN-HC-ENG DRW HCUSR487 06356002 Scale = .25"/Ft. R487--8-0-0 1730487_201 JB/AF 16195 12/22/06 65011

Bot PLT Note: All Plates Are 3X4 Except As Shown. Wind reactions based on MWFRS pressures Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,.$ Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844 (A) Continuous lateral bracing equally spaced on member p chord 2x4 SP t chord 2x4 SP Webs 2x4 SP 395 - Stanley Crawford Construc WILMOTH TYP. ALPINE Wave #2 Dense #2 Dense #3 ** IMPORTANT** TIBBLISH A CORY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

APPINE ENGINEERED
PRODUCTS. HIG. SMALL HOT DE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE
RUSS IN CONFORMANCE WITH THE.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY AFRAY) AND THE.

CONNECTION PALATES ARE ANDE OF ZO/18/166A (N-H/SSX) ASTA ASSA GRANDE 40/60 (N. KM, SS) GALV. STEEL. APPLY
PLATES TO EACH FACE OF TRUSS AND. DUNCES OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAWHINGS 160A Z.

ANY INSPECTION OF PALTES TOLLOWED BY (1) SHALL BE PER ANNEX A) OF THIS DESIGN ZOOZ SEC.3.

ASSA AND THIS DESIGN SHOWN.

THE SULFABLLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE
BUILDING DESIGNER PER ANSI/IPI 1 SEC. 2. **HARNING** TRUSKES REQUIRE EXTREME CARE IN FABRICATION, HARDLING, SHIPPING, INSTALLING AND BRACING. RETER TO REST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 HORIN LEE SIREEI, SUITE 312. ALEXANDRIA, YA, 22314) AND NICA (400D BRUSS COUNCIL OF AMERICA, 630D CHILERPISE LAIE, MADISON, H 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNICESS OTHERWISE HOLDSCAFED FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNICESS OTHERWISE HOLDSCAFED FOR SAFETY PRACTICES TRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE $2.5 \times 6 (B1) =$ 1-6-0 R=1337 U=180 W=3.5" Design Crit: 1.5X4// H1605B) TPI=2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 16-5 ω 29 0-9-0ver 2 Supports 4 X 4 == 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. Right end vertical not exposed to wind -7-0 4 X 5 == NEENS No. 596 [1-5-8]R=1217 U=180 BC DL BC LL TC DL DUR.FAC. TC LL TOT.LD. 1.5X4 W 3×5/ FL/-/4/-/-/R/pressure. 40.0 10.0 20.0 1.25 10.0 PSF 0.0 PSF PSF PSF PSF SEQN-DATE REF HC-ENG DRW HCUSR487 06356038 Scale = .1875"/Ft. R487--JB/AF 16197 12/22/06 65012

SPACING

24.0"

JRFF-

1T3N487_Z01

CGE

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP #2 Dense #2 :82 2x4 SP #3 #2 Dense:

Wind reactions based on MWFRS pressures

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

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

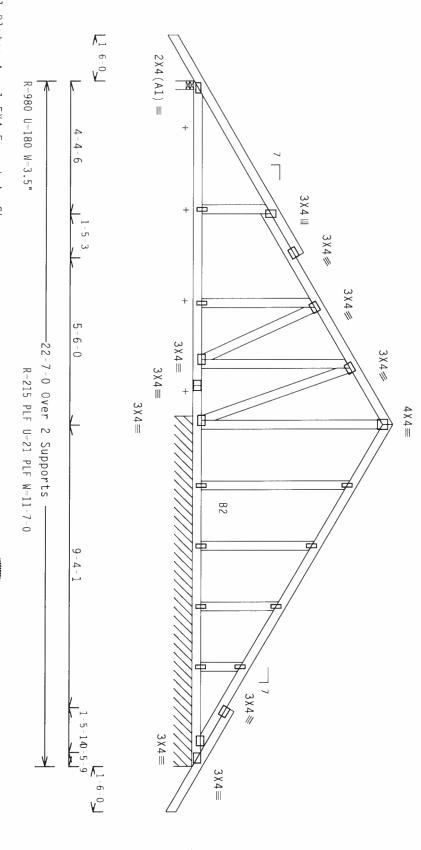
MEMBER TO OTHERS. MEMBER TO BE LATERALLY BRACED FOR WIND LOADS PERPENDICULAR TO TRUSS. BRACING SYSTEM TO BE DESIGNED AND FURNISHED BY

> 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

See DWGS All015EE0405 & GBLLETIN0405 for more requirements

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

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



_8-0-0

Note: All Plates Are 1.5X4 Except As Shown. PLT TYP. Design Crit:

Wave

WARNING RRUSSIS REOBERE EXTREME CAME IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO SEST. (\$01101NG COMPONENT SAFETY INFORMATION), PUBLISHED BY PT (TRUSS PLATE INSTITUTE, 2118 NORTH LEE STREET, SUITE 317, ALEXANDRIA, VA. 22314) AND NICA (4000D INSUS COUNCEL OF ANTREM, 43000 LUTERRESSE LANE, MADISON, NE 33319) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OFFICER AND SOURCE OF THE SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OFFICER AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAHELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAHELS AND BOTTOM CHORD SHALL HAVE TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

7.24

SCHNSE

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

Scale =.3125"/Ft. R487--

DATE REF

12/22/06

65013

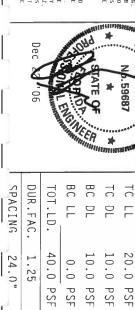
PRAITS TO FACH FACE OF TRUSS AND. UNITES DIHERVISE LOCATED ON THIS DESIGN. POSITION PER DRAWHOS FOR ANY INSPECTION OF PARTS FORLOWED BY (1) SHALL BE FER ANNEX AS OF TELL POSE SECS.)

A SEA, ONE HIDIDATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONED DESIGN SHOWN. IN THE SHITABLITY AND USE OF THIS COMPONED FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TYP I SEC. 2. ***IMPDRITANT** FURNISH A COPY OF THIS DESIGN TO THE HEALALTON CONTRACTOR. ALTHE ENGLHEERD PRODUCTS, INC. SINCL NOT BE RESPONSIBLE TOR MY DEVIATION FOR HIS DESIGN; MANY FAILURE TO BUILD HE TRUSSES. IN CONTORMANCE WITH TPI: POWER FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONTORMS WITH APPLICABLE PROVESTORS OF ADS. (MATIONAL DESIGN SPEC, BY ATRAKA) AND TPI: ALTHER CONNECTOR TALEST ARE MADE OF TO/1871/BACA (H. 1958/Y), ASTH AGS SEAGLE 40760 (M. X.M.).SSI OAVE, SIEEL. APPLY SOLELY FOR THE TRUSS COMPONENT

Alpine Engineered Products, Inc 1950 Marley Drive

33844 zation # * * *

ALPINE



JRFF

1T3N487_Z0

SEQN-

129743

REV

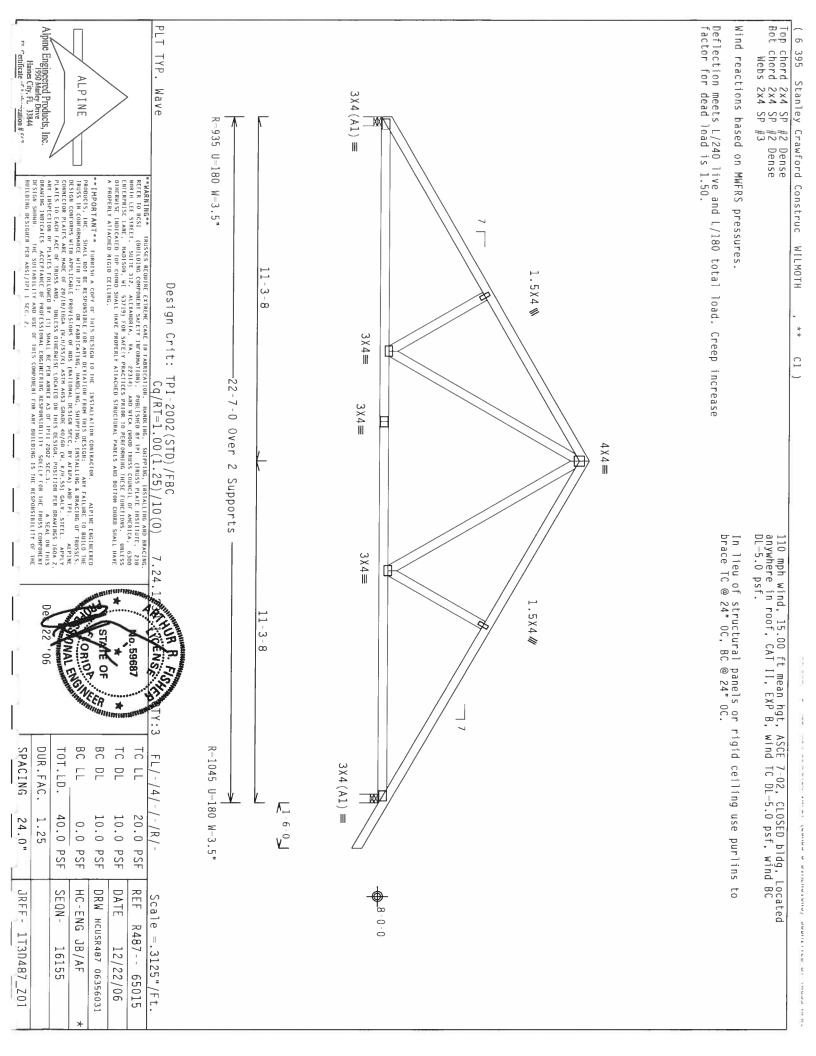
HC-ENG

JB/AF

DRW HCUSR487 06356012

Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844 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 Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 6 395--Stanley Crawford Construc WILMOTH TYP. ALPINE Wave K1-6-0 3X4(A1) ≡ R=1041 U=180 W=3.5" **IMPORTANT** FURNISH A COPY OF 1HIS DESIGN TO THE THISTALLATION CONTRACTOR. ALPTHE ENGINEERED PRODUCTS, THE, SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH FPT: OR FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HOS (NATIONAL DESIGN SPEC, BY ARRA) AND IFL. APPLY CONNECTOR PLATES ARE HADE OF 20/18/166A M.H/SS/K) ASTH A653 GRADE 40/60 (M.K/H.SS) GALY SIEEL. APPLY PRATES 10 EACH FACE OF TRUSS AND, UNILESS OTHERWISE LOCATED ON THIS DESIGN, POSITION THAT SECRET AND LOCATED AND THIS DESIGN, POSITION FOR THE PROPERTY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. PHATES FOLLOWED BY (1) SHALL BE PER ANNEX A 3 OF TEI1-2002 SEC.3.

A SEAL ON THIS SECRETARY OF THE SECRETARY OF THE STREAM OF THE SECRETARY OF Design Crit: TPI-2002(STD)/FBC 11 - 3 - 81.5X4 W C) $3 \times 4 \equiv$ Cq/RT=1.00(1.25)/10(0) 22-7-0 Over 2 Supports $3 \times 4 =$ POSITION PER DRAWINGS 160A 4 X 4 = 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C. 3 X 4 ≡ CENS 1.5X4 // 11 - 3 - 8* BC DL BC LL TC DL TC LL SPACING DUR.FAC. TOT.LD. FL/-/4/-/-/R/-R=1041 U=180 W=3.5" $3X4(A1) \equiv$ 24.0" 40.0 10.0 PSF 10.0 PSF 20.0 PSF 0.0 PSF K1-6-0 PSF JRFF-DATE REF SEQN HC-ENG DRW HCUSR487 06356021 Scale = .3125"/Ft. R487--1T3D487_Z01 JB/AF 16151 12/22/06 65014



Alpine Engineered Products, Inc. 1950 Marley Drive Hames City, FL 33844 Top Bot Truss spaced at 24.0" OC designed to support 1-6-0 top chord outlookers. Cladding load shall not exceed 10.00 PSF. Top chord must not be cut or notched. Note: All Plates Are 1.5X4 Except As Shown. Deflection meets L/240 live and L/180 total load. factor for dead load is $1.50.\,$ Wind reactions based on MWFRS pressures OTHERS. MEMBER TO BE LATERALLY BRACED FOR WIND LOADS PERPENDICULAR TO TRUSS. BRACING SYSTEM TO BE DESIGNED AND FURNISHED BY chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3 -395--Stanley Crawford Construc WILMOTH TYP. ALPINE Wave K1-6-0 3X4(A1) =R=1154 W=3**IMPORTANT** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ERGINEERED PRODUCTS, IRC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILING TO BUILD THE RUSS IN COMPONANCE WITH DETECTION FOR THIS AREA SHALL BY THE PRODUCTS. IN COMPONENCE WITH PRICABLE PROVISIONS OF HIDS (MAIDNAL DESIGN SPEC, BY ATRA) AND THI.

CONNECTION FAILST ARE HADE OF ZO/BJ FIGACA (N. HJSZY) ASTH AGAS GRADE 40/60 (N. KJH.SS) GALV. SIEEL. APPLY PARES TO EACH FACE OF TRUSS AND. DHIESS OTHERNISE LOCATED ON THIS DESIGN, POSITION FER BRAHINGS 160A Z. ANY HISPECTION OF PLATES TOLLOWED BY (1) SHALL BE FER ANNEX AS OF THIS ZORDS SEC.3.

ANY HISPECTION OF PLATES TOLLOWED BY (1) SHALL BE FER ANNEX AS OF THIS ZORDS SEC.3.

AS SEA, ON THIS DESIGNER PER ANSI/TPI) SEC. Z. **WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, RETER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PRUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 21B MORTH LEE STREEL, SUITE 312. ALEXANDRIA, VA. 22314) AND MICA (400D BRUSS COUNCED FABRICA, 6300 CHILERPLISE LAUE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. HILESS OTHERWISE INDICATED TO FROM SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHT CELLING. + N 2 Design Crit: 3 X 4 Ⅲ 3X4/ Creep increase DGE) 3X4% TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) - II - 4 $3 \times 4 \equiv$ 22 3X4 // 2-0 3 X 4 ≡ ⁺ 3 X 4 ≡ Over 2 Supports =215 PLF W=10-5 4 X 4 == 110 mph wind, 15.00 ft mean hgt, ASCE anywhere in roof, CAT II, EXP B, wind DL=5.0 psf. 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 In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C. See DWGS Al1015EE0405 & GBLLETIN0405 for more requirements. THE BUILDING DESIGNER. 7.24. 9 1-9 **CENS** 0.59687 * BC DL C C SPACING DUR.FAC. TOT.LD. FL/-/4/-3 X 4 // 7-02, CLOSED bldg, Located TC DL=5.0 psf, wind BC D 1-5-10-5-9 24.0" 40.0 10.0 20.0 /-/R/-1.25 10.0 PSF 3×4≡ 0.0 PSF PSF PSF PSF 3 X 4 ≡ JRFF SEQN-DATE REF HC-ENG DRW HCUSR487 06356004 Scale = .3125"/Ft. R487--8-0-0 1T3D487_Z0 JB/AF 129574 12/22/06 65017 REV

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844 SPECIAL LOADS 6-395 -- Stanley Crawford Construc From 20 PLF 6 TYP. From (LUMBER ALPINE Wave 63 PLF 5 PLF 20 PLF 20 PLF DUR.FAC.=1.25 / K1-6-0 #2 Dense #2 Dense #3 $3X4(A1) \equiv$ Load at 14.90, -1.50 to -1.50 to 0.00 to 8.00 to R = 525**IMPORTANT** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ARTHURE TO BELLERED

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

RUSS IN CONFORMACE WITH HET:

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF 1005 (MATIONAL DESIGN SPEC, BY ATRA) AND TH:

CONFICER PLATES ARE MADE OF 20/18/16GA (M.1/55X) ASTEMATIONAL DESIGN SPEC, BY ATRA) AND TH:

CONFICER PLATES ARE MADE OF 20/18/16GA (M.1/55X) ASTEMATION THIS DESIGN, POSITION FOR DRAWHINGS INC.

PLATES TO EACH FACE OF TRUSS AND. HUNCES DIMERNISE LOCATED ON THIS DESIGN, POSITION FOR DRAWHINGS INC.

ANY LUSPECTION OF PLATES TOLLOHED BY (1) SHALL BE FER ANNEX AS OF FPIT-2002 SEC.3.

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HE SULFABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RUSS COMPONENT

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BUILDING DESIGNER PER ANSI/IPI I SEC. 2. ***MARNING** IRUSSES REQUIRE EXTREME CARE IN IABRICATION. MARDETHG, SHIPPING, INSTALLING AND BRACING. REFER TO REST. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IPI (TRUSS PLATE INSTITUTE. 218 MORTH LEE SIREIT. SUITE 312. ALEXANDRIA, VA. 22314) AND WICK (HODO) RHUSS COUNCIL OF AMERICA. 6300 CHIERPRISE LAWF. HADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNIESS OTHERNISE HIDICATED TO FORMOR SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAWELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CELLING. U=180 W=3.5" PLATE TE DUR.FAC.=1.25)
63 PLF at 22.17
5 PLF at 0.00
20 PLF at 8.00
20 PLF at 22.17
20 PLF at 22.17
, 16.90, 18.90, 20.90 MILMOTH Design Crit: 2 X 4 /// 1101 2.5X6 11 - 10 = 4* 0 0 TPI-2002(STD)/FBC __Cq/RT=1.00(1.25)/10(0) $3 \times 4 \equiv$ 22-2-0 3 X 4 ≡ Over 4 X 4 = w 3 \ \ \ \ = Supports R=1535 U=180 W=3.5" MX 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. In lieu of structural panels or rigid ceiling use purlins brace TC @ 24" 0C, BC @ 24" 0C. Wind reactions based on MWFRS pressures 7.24. CENS No. 2.5X6 11-1-0 2 X 4 \|\ * BC DL BC LL SPACING TC DL TC LL DUR.FAC. TOT.LD. FL/-/4/-/-/R/-R=1002 U=180 W=3.5" $3X4(A1) \equiv$ 24.0" 40.0 20.0 1.25 10.0 PSF 10.0 PSF 0.0 PSF PSF PSF to DATE REF 11000 SEQN-HC-ENG DRW HCUSR487 06356028 8-0-0 Scale =.3125"/Ft. R487--172N187 Z01 JB/AF 129588 12/22/06 65018

PLT Top Bot 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. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. In lieu of structural panels or rigid ceiling use purlins brace TC @ 24" 0C, BC @ 24" 0C. Alpine Engineered Products, Inc. 6-395--Stanley Crawford Construc WILMOTH chord 2x4 SP #2 Dense chord 2x6 SP #1 Dense Webs 2x4 SP #3 Flaines City, FL TYP. ALPINE Wave 33844 zation # [**IMPORTANT** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED PRODUCTS, INC. SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION ROAD HIS DESIGN: ANY FAILURE TO BUILD HE RUSS IN COMPORMACE WITH PI;

OF ARBEICATHO, HANDLING, SHEELE PROVISIONS OF HOS (HATIOHAL DESIGN SPEC, BY AFAPA) AND IPI. ALPINE CONNECTORS WITH APPLICABLE PROVISIONS OF HOS (HATIOHAL DESIGN SPEC, BY AFAPA) AND IPI. ALPINE CONNECTOR PLATES ARE HADE OF 707/18/16/66 (M. H/SS/K) ASTH A663 GRADE 407/60 (M. K/H/SS/) GALV. STEEL. APPLY PLATES TO BE EACH FACE OF TRUSS AND. HULESS ONHERS SELECTED ON HIS DESIGN, POSITION PER DRAWHINGS 160A. Z. ALVI INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANHER AS OF FPII-2002 SEC. 3. A SEAL ON THIS DRAWHING INDICATES ACCEPTANCE OF PROFESSIONAL HOSCHEEFING RESPONSIBILITY SOLLY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING DESIGNER PER AMSI/IPI 1 SEC. Z. **MARNIG** IRUSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING. BETER TO REST. (BUILDING COMPONENT SALETY INDOMATION), PUBLISHED BY IPI (TRUSS PLATE INSTITUTE, 218 MORTH ETE STREIT. SUITE 312, ALEXANDRIA, VA. 22314) AND WECK (MODO) RIUSS COUNCIL OF AMERICA. 6300 ENTERPRISE LAWE. HADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS CHICKENSE INDICATED TO PERFORMING THE SPRING THE PROPERLY ATTACHED STRUCTURAL PAWELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHE CELLING. $3X7(A1) \equiv$ =4319 U=362 W=3.5" Design Crit: 2.5X8 12-0-0 4×5 // = DSG) Over TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) Ö \sim Supports 5×5= 6×6/m R=4214 U=354 W=3.5" Nailing Schedule: (12d_Common_(0.148"x3.25",_min.)_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @ 6.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting. Right end vertical not exposed to wind pressure €X8≡ 4 X 4 == Girder supports 32-6-0 span to TC/BC split opposite face. 0-11-0 COMPLETE 7.24 3 X 4 Ⅲ 5 X 5 // NA R. CMS 6.59687TATE OF TRUSSES RIOP NG INEER 6 * ά REQUIRED BC one face and 2-0-0 span to BC LL BC DL TC DL TC LL SPACING DUR.FAC. TOT.LD. FL/-/4/-/ 40.0 24.0" 1.25 10.0 PSF 20.0 PSF 0.0 10.0 PSF -/R/-PSF PSF JRFF-SEQN-DATE REF HC-ENG DRW HCUSR487 06356011 Scale = .3125"/Ft. R487---1T3D487_Z01 JB/AF 129596 12/22/06 65019

Alpine Engineered Products, Inc. 1950 Marley Drive Itames City, FL 33844 Top Bot Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Wind reactions based on MWFRS pressures p chord 2x4 SP t chord 2x4 SP Webs 2x4 SP 395 Stanley Crawford Construc TYP. ALPINE Wave 1-6-0-#2 Dense #2 Dense #3 3 X 4 ≡ R=150 PLF W=12 3 X 4 ≡ **IMPORTANT** FIRMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED
PRODUCTS. THE: SHALL NOT BE RESPONSIBLE FOR ANY DETVIATION FROM THIS DESIGN:

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CONNECTION PLAIES ARE HADE OF ZO/IS/JGAGA (M.HUSS/S) ASTALLAND AND THIS DESIGN, POSITION FOR DAWNINGS 160A V

PLAIES TO EACH FACE OF TRUSS, AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION FOR DAWNINGS 160A V

ANY MISPECTION OF PLAIES TOLLOHED BY (1) SHALL BE FER ANTHER AS OF THIS DOZY SEC.).

AS SEAL ON THIS

REMAING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE BRUSS COMPONING. **WARNING** IRUSSES REQUIRE EXTREME CARE IN FABRICATION. IMMOLING, SHIPPING, INSTALLING AND BRACING. RECER TO BEST (BUILDING COMPORENT SAFETY INFORMATION), PUBLISHED BAY PET (TRUSS PLATE INSTITUTE, 218 HORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 22314) AND MICA (MODD INUSS COUNCEL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNICES OTHERWISE HOUSEAGED FOR HORD SMALL HAME PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAME PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAME DRAMING INDICATES ACCEPTANCE OF PROFESSIONAL ENGLINERING RESPONENT SIGNAL SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR BUILDING DESIGNER PER ANSI/PP) | SEC. 2. 0 HIOMILM 3X4参 Design Crit: EGE) 1.5X4 III .5X4 III TPI-2002 (STD) /FBC 12-0-0 Over Continuous Support -0-Cq/RT=1.00(1.25)/10(0) 4 ပ် ANY BUILDING 4 X 4 == .5X4 JHI. 中 RESPONSIBILITY OF Truss spaced at 24.0" OC designed to support $1\mbox{-}6\mbox{-}0$ top chord outlookers. Cladding load shall not exceed 10.00 PSF. Top chord must not be cut or notched. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C. See DWGS A11015EE0405 & GBLLETIN0405 for more requirements. 7.24 1.5×4 Ⅲ 4-0-9 .5×4 45 NENSE o. 59687 3×4// 1-5-14 * 0-5-9 3 X 4 ≡ BC DL DUR.FAC. BC LL TC DL SPACING TC LL TOT.LD. FL/-/4/-/-/R/-1-6-0-3 X 4 ≡ 24.0" 1.25 40.0 10.0 PSF 20.0 PSF 10.0 PSF 0.0 PSF PSF JRFF DATE REF SEQN-HC-ENG DRW HCUSR487 06356005 Scale =.5"/Ft. 0-0-0 R487--1T3N487_Z01 JB/AF 129568 12/22/06 65020 REV

Bot See TC BC BC In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC. SPECIAL LOADS Alpine Engineered Products, Inc. t chord 2x4 SP t chord 2x4 SP Webs 2x4 SP DWGS All015EE0405 & GBLLETIN0405 for more requirements. 395 --(LUMBER From 8 From 2 From 2 Haines City, FL 33844

Certificate zation # TYP. Stanley Crawford Construc WILMOTH ALPINE Wave ER DUR.FAC.=1.25 85 PLF at -1.50 5 PLF at -1.50 20 PLF at 0.00 5 PLF at 11.29 3 X 4 ≡ 1-6-0-#2 Dense #2 Dense #3 at -1.50 to at -1.50 to at 0.00 to at 11.29 to R=150 PLF U=43 PLF **IMPORTANT** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

**PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEFIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE FROMETS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEFIATION FROM THIS DESIGN.

**IMPORTANT SHALL NOT BE RESPONSIBLE FOR ANY DEFIATION, HANDLIGG, SHIPPING, INSTALLING & BRACHEN OF TRUSCES, DESIGN CONTROPHS, WITH APPLICABLE PROVISIONS OF 1005 (MATIONAL DESIGN SPEC, BY ANERA) AND TOT.

**INPOCTION PLATES ARE HANGE OF TRUSS AND. UNICES OTHERWISE LOCATED ON THIS DESIGN, POSITION FER BRANHINGS ISON AND THIS DESIGN OF PLATES FOLLOWING BY (1) SHALL BE PER ANIREX AS OF THIS 2002 SEC.3.

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ARY INSPECTION OF PLATES FOLLOWING BY (1) SHALL BY (1) SHALL BY $3 \times 4 \equiv$ **WARNING IRUSSES REQUIRE EXTREME CARE IN FABRICATION. INHOLING. SHIPPING, INSTALLING AND BRACING, REFER TO BEST. (BUILDING COMPONENT SAEIT INFORMATION). PUBLISHED BY TPI (RRISS DILATE HESTITUTE, 218 MOBIN HEE STREET, SUHT 212. ALEXANDRA, VA. 22214) AND MECA (HODO IRUSS COUNCEL OF AMERICA, 6300 ENTERPRISE LAME, HADISON, HI 53219) FOR SAEITY PRACTICES PRIOR TO PERFORMHAE THESE FUNCTIONS. UNITESS OTHERWISE HOLICATED TO PERFORM THE SEPTIME THOSE SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE / PLATE 50 20 1-10-8 DUR.FAC.= 85 PLF at 5 PLF at 20 PLF at 5 PLF at W=11-3 X 4 ≤ Design Crit: ىٰ .=1.25) 12.79 0.00 11.29 12.79 1.5X4 Ⅲ .5×4 III 11 FGE Ф TPI-2002(STD)/FBC Cq/RT=1.00(1.25) 3 8 -3-11 Over Continuous Support 4 X 4 = 币 /10(0)Truss spaced at 24.0" OC designed to support 1-6-0 top chord outlookers. Cladding load shall not exceed 10.00 PSF. Top chord must not be cut or notched. 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. Dead loads are stated on projected horizontal area basis. Wind reactions based on Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\cdot$ ش .5X4 Ⅲ 5 X 4 III 卣 3 X 4 // THUR R. CENS 59687 우 -10-8 MWFRS pressures * 0-5-9 <u>1-6-0</u> BC LL BC DL TC TC LL SPACING DUR.FAC. TOT.LD. FL/-/4/-PL 3 X 4 ≡ 40.0 10.0 20.0 24.0" 1.25 10.0 PSF -/R/-0.0 PSF PSF PSF PSF JRFF-DATE REF SEQN-HC-ENG DRW HCUSR487 06356001 Scale =.5"/Ft. R487--1T3D487_Z01 JB/AF 16152 12/22/06 65021 REV

Provide Provide Bot Hipjack supports 7-0-0 setback jacks with no webs. Wind reactions based on MWFRS pressures PLT TYP. Alpine Engineered Products, Inc. t chord 2x4 SP / Webs 2x4 SP / 395 -- Stanley Crawford Construc WILMOTH Haines City, FL 33844 ALPINE Wave 16d common nails (0.162"x3.5"), toe nailed 16d common nails (0.162"x3.5"), toe nailed #2 Dense #2 Dense #3 ** IMPORTANT** (IRBISIA CORY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. AND HE ENGINETEED PRODUCTS. THE STALLATION CONTRACTOR.

PRODUCTS. THE SHALL NOT BE RESPONSIBLE TOR ANY DEVIATION FROM HIS DESIGN. ANY FAILURE TO BUILD HE RUSS IN CONTORMANCE WITH 1PT:

DESIGN CONTORMANCE WITH APPLICABLE PROVISIONS OF HOS (MATIONAL DESIGN SPEC, BY ANTALING A BRACING OF TRUSSES.)

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APPLICABLE TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON HIS DESIGN, POSITION FER BRANHINGS IGAN Z.

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

AS SEAL ON THIS BUILDING SCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILLITY SOLETY FOR THE TRUSS COMPONENT DESIGN SHOWN.

HE SHITABLELITY AND USE OF THIS COMPONENT FOR MAY BUILDING IS THE RESPONSIBILLITY OF THE BUILDING DESIGNER PER ANSI/TPI I SEC. 2. **MARNING** IRUSE'S REQUIRE EXTREME CARE IN FARRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING. REPER NO. 10 BCST. QUILDING COMPONENT SATETY INFORMATION), PUBLISHED BY PIP (IRUSS PLATE INSTITUTE, 218 MORTH LEE STREET, SUITE 312, ALEXANDRA, VA. 22314) AND MICA (MODD BRACS COUNCIL OF AMERICA, 6300 EINTERPRISE LAME, MADISON, NI 53719) FOR SATETY PRACTICES PRIOR TO PERFORMING HURSE FUNCTIONS. UNLESS OBJECTATED TO CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHT ETILING. **IMPORTANT** $2 \times 4 (A1) =$ Design Crit: $^{\infty}$ MD -466 U=180 W=4.95" 4.95 HJ7) at Top chord. at Bot chord. TPI 2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 9-10-13 Over 1.5X4₩ 3 Supports In lieu of structural panels or rigid @ 24° OC, BC @ 24° OC. 110 mph wind, 15.00 ft mean hgt, anywhere in roof, CAT II, EXP B, Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. HUR 3 X 4 ≡ NSS o. 59687 TATE/OF RIOP 90' R=361 U=180 R-266 U-180 ASCE wind SPACING BC LL BC DL TC DL TC LL DUR.FAC. TOT.LD. FL/-/4/-4 7-02, CLOSED bldg, Located IC DL=5.0 psf, wind BC DL=5.0 ceiling use 0 8-0-0 10.0 40.0 24.0" 1.25 10.0 PSF 20.0 -/R/-0.0 purlins PSF PSF PSF PSF JRFFto brace TC DATE REF SEQN-HC-ENG DRW HCUSR487 06356006 Scale = .375"/Ft. R487 1T3N487_Z0J JB/AF 16234 12/22/06 65022

Alpine Engineered Products, Inc. 1950 Marley Drive Hames City, FL 33844 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,.$ Wind reactions based on MWFRS pressures Top chord 2x4 SP Bot chord 2x4 SP -395—Stanley Crawford Construc TYP. ALPINE Wave #2 Dense #2 Dense **IMPORTANT** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED

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

RUSS IN CONFORMACE WITH HE!

OF ABRICALTHO, HANDLE, SHIPPIR, INSTALLING A BRACING OF TRUSSES,

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HIS (MATIONAL DESIGN SPEC, BY ATRA) AND TPI.

CONNECTOR PLATES ARE ANDE OF ZO/1919 FACA, CH. HISSYN, A'SHI AGS GRADE AD/FO, M. KHI, SS) GALV STEEL. APPLY

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

ANY INSPECTION OF PLATES TOLLOWED BY (1) SHALL BE PER ANNY X3 OF TPI ZOOZ SEC.3.

ASSAULD SHOWN.

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

BUILDING DESIGNER PER ANSI/IPI 1 SEC. 2. **HARNING** TRUSES REGUREL EXTREME CARE IN FARRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING. RETER TO REST. (BUILDING CHAPOURLY SAFETY INFORMATION), PUBLISHED BY FPI (TRUSS PLATE INSTITUT. 218 HORTH IEE STREET. SUITE 312, ALEXANDRIA, VA. 22314), AND WICK (MODO TRUSS COUNCIL OF AMERICA, 6300 CHIERPHISE LAWL, HADISON, WI S3719) FOR SAFETY PRACTICES PRIOR TO PERFORMING INESS FUNCTIONS. UNLESS OTHERWISE INDICATED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAHELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD RELIENG. **★**1 6 0 **▼** 2X4(A1) =MILMOTH MM -412 Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)U-180 W-3.5" 7-0-0 Over EJ7 W Supports Provide Provide @ 24" 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. n R-82 U=180 R-190 U=180 lieu of structural panels or rigid ceiling use purlins to brace TC 24" OC, BC @ 24" OC. 7.24. 22 16d common nails(0.162"x3.5"),
16d common nails(0.162"x3.5"), CENS Vg/.59687 TATE OF LORIOF 5 0-0 * BC LL BC DL SPACING TC DL TC LL FL/-/4/-/-/R/-DUR.FAC. TOT.LD. toe nailed at Top chord. toe nailed at Bot chord. 10.0 24.0" 1.25 40. 20.0 10.0 PSF 0.0 . bldg, not located TC DL-5.0 psf, PSF PSF PSF PSF JRFF-DATE REF SEQN-HC-ENG DRW HCUSR487 06356010 Scale R487-- 65023 =.375"/Ft. 1T3D487_Z01 JB/AF 16202 12/22/06

Alpine Engineered Products, Inc. 1950 Marley Drive Hames City, FL 33844 Top Bot Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Wind reactions based on MWFRS pressures chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3 395 -- Stanley Crawford Construc WILMOTH TYP. ALPINE Wave **IMPORTANT** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, IRC. SHALL MOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRANSE IN CONFERNMENT ATTH IN THE PRODUCTS OF TRANSES, IN CONFERNMENT ATTH IN THE PROPURSIONS OF MOST (MATIONAL DESIGN SPEC, BY AREA) AND THE DESIGN CONFECTOR PLATES ARE MADE OF 70/189/160A (MATIONAL DESIGN SPEC, BY AREA) AND THE APPINE CONNECTOR PLATES ARE MADE OF 70/189/160A (MATINES) AND THE MATIONAL DESIGN FOR (MATIONAL DESIGN SPEC, BY AREA) AND THE MATIONAL DESIGN PROSITION FOR GRANHINGS 160A Z. ANY INSPECTION OF PLATES TOLOGHED BY (1) SHALL BE THE AREA AND THIS DESIGN TO THE TRANSES AND MATIONAL DEFINITION FOR THE TRANS **WARNING** IRUSSES REBUIRE EXTREME CARE IN FABRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING, RETER TO BESS! (UNITOTHE COMPONENT SAFETY INFORMATION), PUBLISHED BY FT! (1805S PLATE INSTITUTE, ZIB HOBIL LET SHREE, SUITE 312, ALEXANDRIA, "VA. 27314) AND MICA (MODD THUSS COUNCIL OF AMERICA, 63000 ENHIBER 151, LANE, MODISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PEFFORMHUE THESE FUNCTIONS. DMLESS OTHERHISE HORSEFUNCTION OF SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS. DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING BUILDING DESIGNER PER ANSI/TPI I SEC. 2. **★**1 6 0 **>** 2X4(A1) =R = 415MD 2-3-8 U=180 W=3.5" 7-0-0 Over 3 1.5X4 III 4 X 4≡ EJ7T) 2-0-0 6 1.5X4 III Supports 2 ά ά RESPONSIBILITY OF THE /10(0)Provide Provide 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 wind BC DL=5.0 psf. In lieu of structural panels or rigid ceiling use @ 24″ OC, BC @ 24″ OC. R-184 U-180 R=90 U=180 22 16d common nails (0.162"x3.5"), toe nailed at Top chord 16d common nails (0.162"x3.5"), toe nailed at Bot chord HUR R. CENS 0.59687 5 **9** -8-0-0 0-0 * BC DL TC DL TC LL SPACING DUR.FAC. TOT.LD. 14/-20.0 /-/R/ 24.0" 1.25 40.0 10.0 PSF 10.0 PSF 0.0 purlins PSF PSF PSF to brace TC JRFF- 1T3D487_Z01 SEQN-DATE REF HC-ENG DRW HCUSR487 06356022 Scale =.375"/Ft. psf, R487--JB/AF 12/22/06 129748 65024

Top Bot PLT Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Wind reactions based on MWFRS pressures Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844 p chord 2x4 SP t chord 2x4 SP Webs 2x4 SP 395 Stanley Crawford Construc WILMOTH TYP. ALPINE Wave #2 Dense #2 Dense #3 **IMPORTANT** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

AIPINE ENGINEERD PRODUCTS, INC. SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN: MAY FAILURE TO BUILD HE TRUSS IN CONFORMANCE HILL PELL PROVISIONS OF HUS (HATIONAL DESIGN SPEC, BY AFAPA) AND THE RUSSES.

DESIGN CONFORMS HILL APPLICABLE PROVISIONS OF HUS (HATIONAL DESIGN SPEC, BY AFAPA) AND THE APPINE CONNECTOR PLATES ARE HADE OF 70/18/1060 (M. H/SS/M.) ASTH AG63 GRANDE 40/60 (M. K/H.SS) GALV. SIEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. HUESS OHERHUSE COALDED ON THIS DESIGN, POSITION PER DRAWHERS. HOW ANY INSPECTION OF PLATES FOLLOWED BY (T) SHALL BE FER ANNEX AS OT THIS 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNEER FER ANSI/FP) | SEC. 7. **★**1 -6 -0 **>**J 2X4(A1) =R=415 U=180 W=3.5" M Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 2-3 -7-0-0 Over 3 ω 1.5X4 III 4 X 4 == EJ7T1 1-10-0 6 1.5X4 W 5×5= Supports 2-10-8 Provide Provide 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED within 4.50 ft from roof edge, CAT II, EXP B, wind wind BC DL=5.0 psf. In lieu of structural panels or rigid ceiling use purlins to brace @ 24" OC, BC @ 24" OC. R-90 U-180 R-183 U-180 22 16d common nails(0.162"x3.5"), 16d common nails(0.162"x3.5"), SCF w lo/59687 TE OF 5 8 **8** 0-0 11 0 * BC LL BC DL TC DL TC LL DUR.FAC. TOT.LD. FL/-/4/-/ toe nailed at Top chord toe nailed at Bot chord 40.0 10.0 1.25 20.0 10.0 PSF -/R/-0.0 bldg, not TC DL=5.0 PSF PSF PSF PSF DATE REF SEQN-HC-ENG DRW HCUSR487 06356020 Scale located psf, R487--=.375"/Ft. JB/AF 16238 12/22/06 65025

SPACING

24.0"

JRFF

1T3D487_Z01

Top Bot Wind reactions based on MWFRS pressures p chord 2x4 SP t chord 2x4 SP Webs 2x4 SP 395 - Stanley Crawford Construc WILMOTH #2 Dense #2 Dense #2 Dense EJ7T2) 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. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,.$ bldg, not located TC DL-5.0 psf,

Provide Provide

(2)

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

toe nailed at Top chord. toe nailed at Bot chord.

 $2X4(A1) \equiv$ XX 3 X 4 ≡ 3X4# 1.5X4 III 1.5X4 Ⅲ 3×4/ 6 φ R-152 U-180 R=120 U=180 9

★1 6 0 **>**

-413 U-180 W-3.5" 3 8 -7-0-0 Over 3 1-4-9 Supports 3-3-15

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

TYP.

Wave

MARNING TRUSSES REDITE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RIFER TO BE CONTROLLING COMPONENT SACETY INFORMATION), PUBLISHED BY THE (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 22314) AND WICK (MODO) BRUSS COUNCIL OF AMERICA, 6300 CHIERREISE LAME, HADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNILESS OTHERWISE HOLOCALID FOR PUBBOS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CELLING.

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

ALPINE ENGINEERED PRODUCTS, INC. SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN CONFORMACE WITH 1PT:

BESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HOS (INSTOLIAG, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HOS (INSTOLIAG, SHIPPING, AVERA) AND TPT.

CONNECTION PLATES ARE MADE OF 20/18/16/06A (W. 1/55X) ASTH A653 GRADE 40/60 (W. K/M.SS) GALV. SIEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNICSS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAWHIGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANHEX AS OF FPIT 200Z SEC.3. A SEAL ON THIS DRAWHIGS INDUME. THE STOLEN FROM THE THASS COMPONENT CONTRACTOR A SEAL ON THIS DESIGN SHOWN, THE SULFABLE TO THE THASS COMPONENT CONTRACTOR SHOWN.

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

BUILDING DESIGNER PER ANSI/TPI I SEC. 2.

ALPINE

5. 59687 * BC DL BC LL SPACING TC DL TC LL DUR.FAC. TOT.LD. FL/-/4/-/-/R/-

10.0 PSF 10.0 PSF 20.0 PSF

DRW HCUSR487 06356023

JB/AF 16250

DATE REF

12/22/06

Scale = .375"/Ft. R487--- 65026

0.0 PSF

40.0

PSF

SEON HC-ENG

24.0"

,IRFF

1T3N487_Z01

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

Wind reactions based on MWFRS pressures.

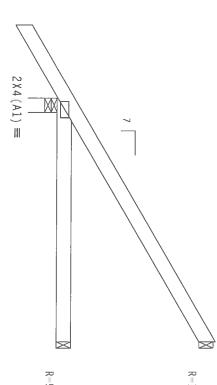
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,.$

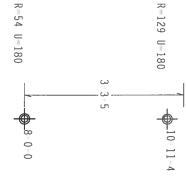
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED within 4.50 ft from roof edge, CAT II, EXP B, wind wind BC DL=5.0 psf. bldg, not TC DL-5.0 located psf,

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

@

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)

TYP.

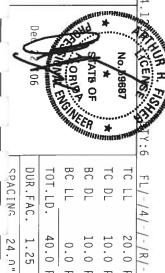
Wave

MARNING TRUSSTS FROUIRE EXTREME CARE IN FABRICATION, IMBIDITIES, SHIPPING, INSTALLING AND BRACING, REFER TO BESSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE (TRUSS PLATE INSTITUTE, ZIB URBHI LEE SIRCE), SUITE 312. ALEXANDRIA, VA, 27314) AND MICA (MODO TRUSS COUNCIL OF AFERICA, 6300 ENTERPRISE LAKE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OHIERMISE INDICATED TO FUNDE SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

Alpine Engineered Products, Inc.

ALPINE

Haines City, FL 33844



| | | MANAGE | V CIN | ER WWW | ************************************** | N THE |
|-------------------|----------|-------------|--------------|-----------------------|--|----------------|
| SPACING | DUR.FAC. | TOT.LD. | BC LL | BC DL | TC DL | TC LL |
| 24.0" | 1.25 | 40.0 PSF | 0.0 PSF | 10.0 PSF | 10.0 PSF | 20.0 PSF |
| 102_terutt - aadi | | SEQN- 16206 | HC-ENG JB/AF | DRW HCUSR487 06356007 | DATE 12/22/06 | REF R487 65027 |

356007 90 Scale =.5"/Ft.

6 395 Stanley Crawford Construc WILMOTH J3)

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

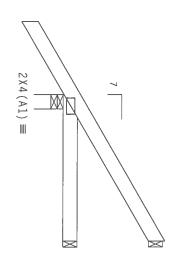
Wind reactions based on MWFRS pressures.

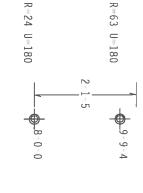
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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

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

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







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

TYP.

Wave

MARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION. MANDLING. SHIPPING, INSTALLING AND BRACING, RETER TO BESS! (BUILDING COMPOBERT SACTEY INFORMATION), PUBLISHED BY PPI (TRUSS PLATE INSTITUTE, 218 HORTH LEE STREET. SHIPE 312, ALEXANDRIA, VA. 22314) AND MICA (MODID BRUSS CONDICTLO FABRICA, 6300 CHILERRISE LANE, HADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE THICTIONS. MILESS OTHERWISE LANE, HADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE THICTIONS. MILESS OTHERWISE HAD PROPERLY ATTACHED RIGHD CELLING.

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

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FOR HIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE ATHIR PIT.

DESIGN CONFORMANCE ATHIR APPLICABLE PROVISIONS OF MASS (MALTONAL DESIGN SPEC, BY ACAPA) AND TPI.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MOS (MALTONAL DESIGN SPEC, BY ACAPA) AND TPI.

CONNECTOR PLATES ARE MADE OF Z07/18/16/AC (M.MYSS/Y) ASTH A653 GRADE 40/60 (M. K/M.SS) GALY. SITEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNIESS OTHERWISE OCCAMED ON THIS DESIGN, POSITION PER DRAWNES 160A 7.

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

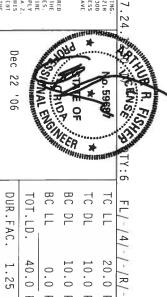
AS SCAL ON THIS DRAWNING INDICATES ACCENTANCE OF PROFESSIONAL REGISTRATIVE SOLICEY FOR THE TRUSS COMPONENT DESIGN SHOULTS OF THE TRUSS COMPONENT DESIGN SHOULTS OF THE TRUSS COMPONENT DESIGN SHOULTS AS CALL OF THE BESIGN SHOULTS OF THE PROFESSIONAL DESIGN SHOULTS OF THE PROFESSIONA

Alpine Engineered Products, Inc.

ALPINE

Haines City, FL 33844
ertificate zation #

BUILDING DESIGNER PER ANSI/IPI 1 SEC. 2.



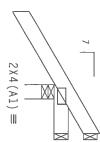
Scale = .5"/Ft.

| | 06 | STATE OF TAXABLE PARTY. | NAL ENGLAND BC | ON SERMINA | ************************************** | .5969 |
|---------------------|---------------|-------------------------|----------------|-----------------------|--|----------------|
| CPACING | DUR.FAC. 1.25 | TOT.LD. | BC LL | BC DL | TC DL | TC LL |
| 24.0" | 1.25 | 40.0 PSF | 0.0 PSF | 10.0 PSF | 10.0 PSF | 20.0 PSF |
| 102_287Ubll - sadı' | | SEQN- 16211 | HC-ENG JB/AF | DRW HCUSR487 06356008 | DATE 12/22/06 | REF R487 65028 |
| - | | | * | | | l |

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. Top chord 2x4 SP Bot chord 2x4 SP 6 395 Stanley Crawford Construc WILMOTH #2 Dense In lieu of structural panels or rigid ceiling use purlins to brace TC @ $24\mbox{"}$ OC, BC @ $24\mbox{"}$ 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. מ מזוורווסומום לממוונוונה מו אוחקס ווו אי

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.



57 U-180

R-15 U-180 **⊕**8

0 0

1 0 0 Over 3 Supports R-257 U-180 W-3.5"

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

PLT

TYP.

Wave

WARNING IRUSSES REQUIRE EXTREME CARE IN FARRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING, RETER TO BEST (QUITOING COMPONENT SAFLY INFORMATION), PURILSING DB BY THE (TRUSS PLAIE INSTITUTE, 218 HORTH LEE STREET, SUITE 127. ALEXANDRIA, "A. 22314) AND MEGA (4000) TRUSS COUNCEL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OF OTHERWISE INDICATED PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE /10(0)

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

ALPINE



| | | Inenin. | ER Vunn | * ************************************ | arrest. | ? TY:6 |
|----------|-------------|--------------|-----------------------|---|----------------|-----------------|
| DUR.FAC. | TOT.LD. | BC LL | BC DL | TC DL | TC LL | FL/-/4/- |
| 1.25 | 40.0 PSF | 0.0 PSF | 10.0 PSF | 10.0 PSF | 20.0 PSF | /-/R/- |
| 1000 | SEQN- 16214 | HC-ENG JB/AF | DRW HCUSR487 06356009 | DATE 12/22/06 | REF R487 65029 | Scale = .5"/Ft. |

SPACING

24.0"

JRFF 1T30487_Z01

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

Wind reactions based on MWFRS pressures

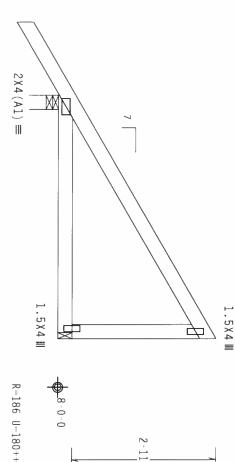
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

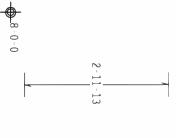
++ ANCHORAGE REQ'D TO PREVENT TRUSS FROM SLIPPING OFF BEARING

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.

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





1-6-0-R = 329U=180 W=3.5" -5-0-0 Over 2 Supports X 1-8

PLT TYP. Wave

HARNING IRUSSES REQUIRE EXTREME CARE IN FARRICATION, IMADLIC. SHIPPING, INSTALLING AND BRACING. RELER TO BESSI, BUILDING COMPONENT SAFETY HIPOBRALION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, ZIB HORTH LEE STREET, SULTE 312, ALEXANDRIA, VA. 22314) AND WICA (MODD TRUSS COUNCIL OF ARRENGA, 6300 CHIERPRISE LANG, ADD TO ALEXANDRIA, BARCITEES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE HIDTO, AND BOTTOM SHALL HAVE PROPERLY ATTACHED REGION SHALL HAVE A PROPERLY ATTACHED RIGID CELLING. Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

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

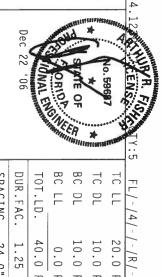
ALTHE ENGINEERED PRODUCTS, INC. SMALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FALLURE TO BUILD THE RUSS IN COMPORANCE WITH DET.

OESIGN CONTRONS WITH APPLICABLE PROVISIONS OF HOS (MAIDONAL DESIGN SPEC, BY AFAPA) AND TPL.

CONNECTOR PLATES ARE HADE OF 70/18/16GA (M.1/55/2) ASIA ASSO GRADE 40/60 (M. K/MLSS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS, AND. UNRESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER BRANHOS 160A Z ANY HISPECTION OF PLATES POLLORED BY (1) SMALL BE PER ANNEX AS OF PD1 2002 SEC. 3. A SEA. ON THIS DESIGN ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE RUSS COMPONENT OF SHOWN. THE SULFABLLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/PP1 1 SEC. 2.

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

ALPINE



| | 51 | T Element | CINE | OF | * | 697 |
|-------------------|----------|--------------|--------------|----------------------|---------------|----------------|
| 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- 1T3D487_Z01 | | SEQN- 129495 | HC-ENG JB/AF | DRW HCUSR487 0635603 | DATE 12/22/06 | REF R487 65030 |

487 06356030

Scale =.5"/Ft.

6-395--Stanley Crawford Construc WILMOTH -- , ** - M1)

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

Wind reactions based on MWFRS pressures.

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

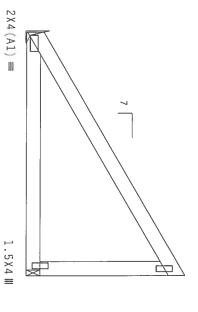
++ ANCHORAGE REQ'D TO PREVENT TRUSS FROM SLIPPING OFF BEARING

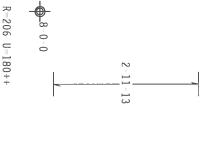
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

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

1.5X4 W





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

TYP.

Wave

MARNING TRUSSYS REQUIRE EXTREME CARE IN FABRICATION, IMBULIC, SHIPPING, INSTALLING AND BRACING REFER TO BCS1 (BUILDING COMPONENT SAFETY NIFORMATION), PUBLISHED BY THE (TRUSS PLATE INSTITUTE, 218 HORRH LEE STREET, SUITE 312, ALEXANDRIA, VA. 22314) AND HICA (MODD IRRUSS COUNCIL OF AMERICA, 6300 CHIERREIS LAME, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERCORNING THESE THICTIONS. UNICESS OBTHEM SE INDICATED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CETLING.

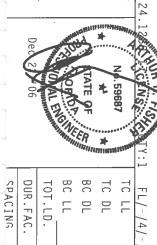
IMPORTANT TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPHNE EMGLHEERED PRODUCTS, INC. SMALL NOT BE RESPONSIBLE FOR ANY DEVIATION ROOM THIS DESIGN: ANY FAILURE TO BUILED THE RUSS IN CONFIDENAMER WITH HE!

OF A FABRICATION, HAD THE STATE AND THE STATE OF THE STATE AND THE PLANTS OF THE STATE OF

Alpine Engineered Products, Inc.

33844 zation # *** ALPINE



10.0 PSF 10.0 PSF

DRW HCUSR487 06356035

24.0"

JRFF

1T3N487_Z01

40.0

PSF

SEQN

0.0

PSF

HC-ENG

JB/AF 129500 /-/R/-

Scale = .5"/Ft. REF R487 = 650

20.0

PSF

REF

7-- 65031 12/22/06

6 395 -- Stanley Crawford Construc WILMOTH M2)

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

Wind reactions based on MWFRS pressures.

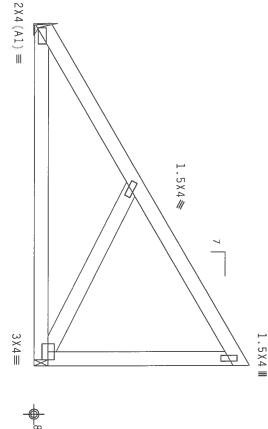
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.

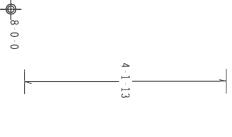
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED located within 4.50 ft from roof edge, CAT II, EXP DL=5.0 psf, wind BC DL=5.0 psf. bldg, not B, wind TC

Right end vertical not exposed to wind pressure.

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

+ ANCHORAGE REQ'D TO PREVENT TRUSS FROM SLIPPING OFF BEARING





R=296 U=180++

284 U=180 -0-0 Over 2 Supports

X - 0

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

/10(0)

Scale =.5"/Ft.

PLT TYP.

Wave

WARNING IDUSES ROUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACHMG REFER TO BESS. (BUILDING COMPONENT SAFETY HORBANION), PUBLISHED BY IPI (TRUSS PLAIE INSTITUTE, ZIB HORBIN LEE SIBECT., SUITE 312. ALEXANDRIA, YA. 22314) AND HEA (4000 BRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OFFICENTIAL THAT AND SON, HI 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OFFICENTIAL THAT AND SON, HI SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

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

ALPINE ENGINEERED
PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FRON THIS DESIGN: ANY FALLURE TO BUILD THE
PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FRON THIS DESIGN.

BESIGN CONFORMS WITH APPLICABLE PROVISIONS OF 1805 (MATIONAL DESIGN SPEC, BY AFRA) AND PI.

CONNECTOR PALES ARE HADE OF ZOTAB JOGA (M-HISS) RAND FARDED ON K-M-HSS) GAVE SHELL APPLY

PLATES TO EACH FACE OF TRUES AND. DIMERS OFFICHINESS OFFICENCE OF MESSES, AND THIS DESIGN, POSITION PER DRAWLING SHOW.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER AMBLE AS OF PIL-2002 SEC. A.

AS AS ALON WITES

BRANDING INDICATES. ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUES COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR BUILDING DESIGNER PER ANSI/TP1 1 SEC. 2. BUILDING JHI SI RESPONSIBILITY OF

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

ALPINE



| | | 06 | VAL EXAMPLE TO | RIO NOME | TE OF SERVIN | ************************************** | 59687 |
|---|-------------------|----------|----------------|--------------|-----------------------|--|----------------|
| Ì | 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- 1T3D487_Z01 | | SEQN- 129506 | HC-ENG JB/AF | DRW HCUSR487 06356034 | DATE 12/22/06 | REF R487 65032 |

-395--Stanley Crawford Construc HIOMIIM 3

6

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

#2 Dense #2 Dense #3

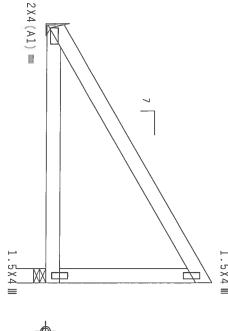
Wind reactions based on MWFRS pressures

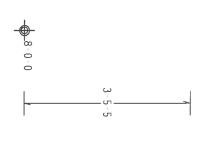
In lieu of structural panels or rigid ceiling use purlins brace TC @ 24" OC, BC @ 24" OC.

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

Right end vertical not exposed to wind pressure.

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





U = 180-5-3-8 0ver 2 Supports R=215 U=180 W=3.5"

P _ T

TYP.

Wave

WARNING IRUSSES REDUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, BETER to BEST (BULLDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE (TRUSS PLATE HISTITULE, 2118 HORALING, PUBLISHED BY THE (TRUSS COUNCEL) OF AMERICA, 6.300 CHITEMPRISE LANE, MADISON, HE 53719) FOR SAFETY PRACTICES PRIOR TO PEFFORMHIG HISSE CUNCTIONS, UNLESS OTHERHISE HOLDSLAFED FOR GOOD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

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

ARE TURNESS IN COMPORANCE WITH ON THE RESPONSIBLE FOR ARY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS HE COMPORANCE WITH APPLICABLE PROVISIONS OF THIS, HANDLING, SHIPPING, INSTALLING & BRACHEO FT.

DESIGN CONFORMACE WITH APPLICABLE PROVISIONS OF HOS (MATIONAL DESIGN SPEC, BY ATRA) AND FT.

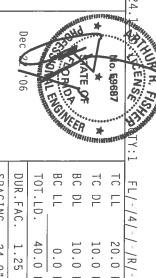
CONNECTION PLAIES ARE AND OF TO THE PROVISIONS OF HOS (MATIONAL DESIGNS FOR A TRANSPORTION FROM THE COMMETCION PLAIES ARE AND OF THIS OFFICE APPLY PLAIES TO EACH FACE OF TRUSS AND, UNITES OFFICE APPLY PLAIES TO EACH FACE OF TRUSS AND, UNITES OFFICE SOLDHOE BY \$() SHALL BE FER ANHER AS OF FDI 70002 SEC.3.

AS SAA ON THIS DESIGN SHOWN THE SUITABLE FOR THIS DESIGN RESPONSIBILITY SOLERY FOR THE BUSS COMPORER OF THIS DESIGN SHOWN.

THE SUITABLE FOR THIS DESIGN RESPONSIBILITY SOLERY FOR THE BUSS COMPORER BUILDING DESIGNER PER ANSI/FPI 1 SEC. Z.

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

ALPINE



| 7 | 7.06 | Contract Contract | ENG! | ALC THE REPORT OF THE PARTY OF | * |). 6 9687 |
|---------|----------|-------------------|-----------|---|----------|------------------|
| SPACING | DUR.FAC. | TOT.LD. | BC LL | BC DL | TC DL | TC LL |
| G 24.0" | C. 1.25 | . 40.0 PSF | 0.0 PSF | 10.0 PSF | 10.0 PSF | 20.0 PSF |
| JRFF- | | SF SEQN- | SF HC-ENG | SF DRW HCL | SF DATE | SF REF R |

CUSR487 06356027

12/22/06 65033

JB/AF 129551

1T3D487_Z01

Scale = .5"/Ft.

R487--

p chord 2x4 SP t chord 2x4 SP Webs 2x4 SP -395--Stanley Crawford Construc WILMOTH #2 Dense #2 Dense #3 **

Bot

9

M4)

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

entirementation of the fourthing

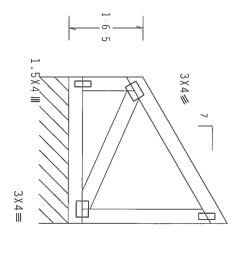
Right end vertical not exposed to wind pressure.

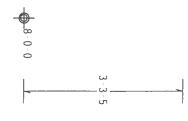
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Wind reactions based on MWFRS pressures.

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

1.5X4 III





3-0-0 Over Continuous Support

=83 PLF U=60 PLF W=3-0-0

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

THUR R.

PLT

TYP.

Wave

REFER TO BCSI

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

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE ROSULE THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. SETCH ANY FAILURE TO BUILD THE RUSS IN CONFORMACE WITH PIT.

BUSSIGN CONFORMS WITH APPLICABLE PROVISIONS OF THIS (MATIONAL DESIGN SPEC, BY AREAD, AND THI, CONFORMS WITH APPLICABLE AND THE AREA OF THIS DESIGN SPEC, BY AREAD, AND THIS CONFORMS AND THIS DESIGN AND THE SUBJECT OF PROFESSIONAL THOUSERS OF THIS DESIGN AND THIS DESIGN AND THE SUBJECT AND THE S

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

ALPINE

Dec SENSE O No/59687 BC DL BC LL TC DL C FL/-/4/-/-/R/

10.0 20.0

PSF PSF

DATE REF

12/22/06

65034

Scale =.5"/Ft. R487--

SPACING DUR.FAC TOT.LD. 40.0 24.0" 1.25 10.0 PSF 0.0 PSF PSF JRFF -SEQN-HC-ENG DRW HCUSR487 06356019 1T3D487_Z01 JB/AF

129672

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

Wind reactions based on MWFRS pressures.

Truss spaced at 24.0" OC designed to support 1-4-0 top chord outlookers. Cladding load shall not exceed 10.00 PSF. Top chord must not be cut or notched.

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

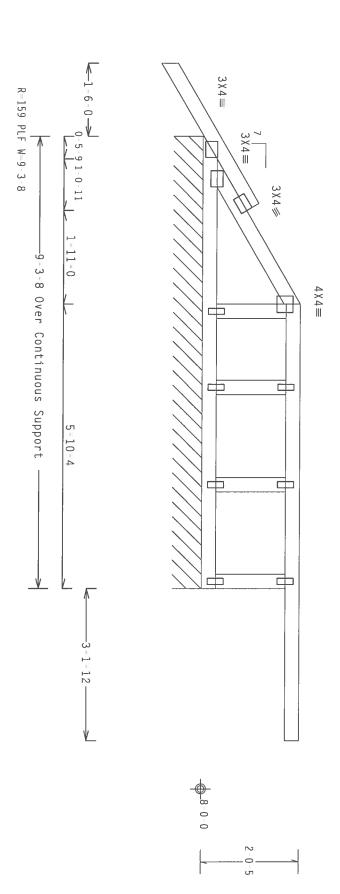
110 mph wind, 15.00 ft mean hgt, anywhere in roof, CAT II, EXP B, DL=5.0 psf. ASCE wind 7-02, CLOSED bldg, Located TC DL=5.0 psf, wind BC

Right end vertical not exposed to wind pressure

See DWGS A11015EE0405 & GBLLETIN0405 for more requirements

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

indicates. Overhangs not deflection. Top chord overhangs have been checked only for loads as indicates. Overhangs not checked for man loads or long-term



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

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

ALPINE

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

ALPINE ENGLHERED PRODUCTS, THE. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN. ANY FAILURE TO BUILD THE RROSES IN CONFORMACE ATHIN FILE.

BESIGN SEN IN CONFORMACE ATHIN FILE.

BESIGN CONFORMACE MITH APPLICABLE PROVISIONS OF 100S (MATIONAL DESIGN SPEC, BY ATRIA) AND IPL.

ALPINE CONNECTOR PLATES ARE HADE OF 70/18/16/6A (H-H/SS/K) ASTH A653 GRADE 40/56/ (H-K/H-SS) GALV- SIEEL. APPLY PLATES TO EACH TACE OF TRUSS AND. UNICSS OTHERNISE LOCATION ON THIS DESIGN, POSITION FER DRAWLING SIGN A. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX AS OF IPLI-2002 SEC.3. A SEAL ON THIS SHALL ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX AS OF IPLI-2002 SEC.3. A SEAL ON THIS SHALL BE PER ADMICE AND THE TOPS COMPONENT OF THE SHALL BE PER ADMICE ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ADMICE ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ADMICE ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ADMICE ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ADMICE ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ADMICE ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ADMICE ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ADMICE ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ADMICE ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGN SHOWN. THE SHALLOWED BY (I) SHALL BE PER ADMICE ANY BUILDING IS THE RESPONSIBILITY OF THE

WAL FRONKER

40.0

PSF

SEQN HC-ENG

129737

SPACING DUR.FAC. TOT.LD.

24.0"

JBEE-

1T3N487_Z01

1.25

TATE OF

P ≯

TC TC LL

DL

10.0

PSF

DATE REF

12/22/06

20.0

PSF

R487--

65035

BC DL BC LL

10.0

PSF PSF

DRW HCUSR487 06356024

JB/AF

0.0

d.59687

WARNING TRUSSES REDUIRE EXTREME CARE IN FABRICATION. NANDLING. SHIPPING, INSTALLING AND BRACING. RETER TO BEST (BUILDING COMPONENT SALETY INFORMATION). PHOLISTIC DO BY THE (TRUSS PLATE INSTITUTE, 213 NORTH LEE STREET, SUITE 127. ALEXANDRAL, VA. 22314) AND MICA (4000 HENSE COUNCEL OF AMERICA, 6300 CHIERRENIS LINIE, MOISON, HI 52719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TO FROMD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE

Note: All Plates

Are

1.5X4 Except As Shown.

Design Crit:

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

7.24.

ALACENS

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

Scale

=.5"/Ft.

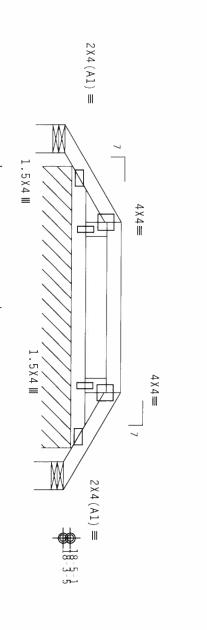
TYP.

Wave

Wind Bot 6 p chord 2x4 SP h t chord 2x4 SP h Webs 2x4 SP h 395 reactions based on MWFRS pressures Stanley Crawford Construc WILMOTH #2 Dense #2 Dense #3 * AP1) 110 mph wind, 18.86 ft mean hgt, located within 4.50 ft from roof DL=5.0 psf, wind BC DL=1.2 psf. In lieu of structural panels or rigid brace TC @ 24" OC, BC @ 24" OC. ASCE 7 ceiling 7-02, CLOSED CAT II, EXP turner feation a netticulational annitation of thead in the use purlins bldg, not B, wind TC

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

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



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

PLT

TYP.

Wave

R=23

. - 1 - 10

w

-6-0

1-1-10

-2-10-10

U=180 W=6.946" R=73 PLF U=31 PLF W=5

-9

-7 - 6 -

0

Over

3 Supports

 ∞ =23

U=180 W=6.946"

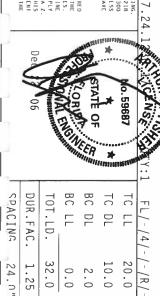
A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. AIPTHE ENGINEERED PRODUCTS, INC. SMALL NOT BE RESPONSIBLE FOR ANY BEVIATION ROOM INTO DESIGN: ANY FAILURE TO BUILD THE TRUSSES. IN COMFORMANCE WITH FPI:

OR FARBICATION, HADELING, STREET, BY FARRICANTHO, HADELING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONTORES WITH APPLICABLE PROVISIONS OF HDS (MATIONAL DESIGN SPIC, BY AFAR), AND THI APPLY CONNECTOR PLATES ARE HADE OF ZO/IB/16GA (H.H/SS/K), ASIH A653 GARDE 40/60 (H.K/H.SS) GALV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND. HUESS OTHERWISE LOCALID ON THIS DESIGN, POSITION PER DRAWINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SMALL BE PER ANNEX A3 OF TPIJ Z002 SEC. 3. SEAL ON THIS DESIGN SEC. 3. SEAL ON THE SEC. 3. SEAL ON THE SEC. 3. SEAL ON THE SEAL ON THE SEC. 3. SEAL ON THE SEAL ON DRAWHING TUBLICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPO DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR BUILDING DESIGNER PER ANSI/FPT 1 SEC. Z. ANY BUILDING DZ SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT HE IS THE RESPONSIBILITY OF THE

Alpine Engineered Products, Inc. 1950 Marley Drive
Hames City, FL 33844
"" "Stiffcate" zalton # ""

ALPINE



| | | 7 | G IN | EER | ************************************** | nuri |
|-------------------|----------|--------------|--------------|-----------------------|--|----------------|
| SPACING | DUR.FAC. | TOT.LD. | BC LL | BC DL | TC DL | ול ננ |
| 24.0" | 1.25 | 32.0 PSF | 0.0 PSF | 2.0 PSF | 10.0 PSF | 20.0 PSF |
| ו20 באיטצבו בשמני | | SEQN- 129612 | HC-ENG JB/AF | DRW HCUSR487 06356014 | DATE 12/22/06 | REF R487 65036 |

Scale

IJ

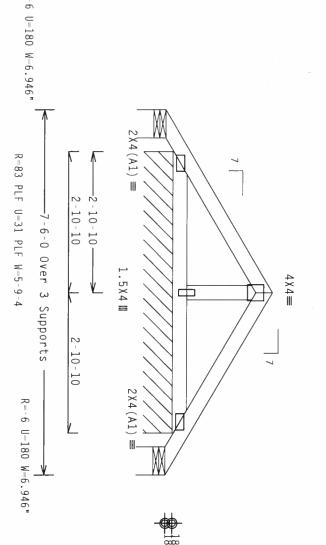
.5"/Ft

Wind reactions based on MWFRS pressures Top Bot 6 t chord 2x4 SP / t chord 2x4 SP / Webs 2x4 SP / 395 Stanley Crawford Construc #2 Dense #2 Dense #3 HIOMILM AP2 110 mph wind, 19.37 ft mean hgt, located within 4.50 ft from roof DL=5.0 psf, wind BC DL=1.2 psf. ASCE 7-edge, (7-02, CLOSED CAT II, EXP B, wind TC

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.

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



بليل

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING. RETER TO BESS I (BULDING COMPONENT SAFETY HOMBATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 21B MORTH LEE STREE, SUITE 312. ALEXANDRIA, VA. 22314) AND MICA (MODD TRUSS COUNCEL OF AMERICA, 6300 ENTERPRISE LAKE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNICESS OTHERWISE HOUGHAND FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNICESS OTHERWISE HOUGHAND FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNICESS A PROPERTY ATTACHED REGION SHALL HAVE PROPERTY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE Cq/RT=1.00(1.25)/10(0) 7.24

Design Crit:

TPI-2002 (STD) /FBC

TY:6

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Scale =.5"/Ft. R487--

DATE REF

12/22/06

65037

DRW HCUSR487 06356029

JB/AF

PLT

TYP.

Wave

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

ALPINE ENGINEERED PRODUCTS, LIC. SINLE, NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FALLURE TO BUILLD THE RUSSES IN CONFORMANCE WITH PET.

BESIGN CONFORMS WITH APPLICABLE PROVISIONS OF DNDS (MATIONAL DESIGN SPEC, BY AREADA) AND THE APPLICABLE PROVISIONS OF DNDS (MATIONAL DESIGN SPEC, BY AREADA) AND THE APPLICABLE PROVISIONS OF DNDS (MATIONAL DESIGN SPEC, BY AREADA) AND THE APPLICABLE PROVISIONS OF DNDS (MATIONAL DESIGN SPEC, BY AREADA) AND THE APPLICABLE PROVISIONS OF DNDS (MATIONAL DESIGN PROVISION BRANCH SPEC, BY APPLICABLE OF A PROVISION AND THE PROVISION OF PARTIES POLLOWED BY (1) SINCHLE PER ANNEX A OF THIS DESIGN, POSITION PER DRAWLINGS INCOMPOSED ON THIS DESIGN PROVISIONS OF PROTESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPOSED.

DESIGN SHOWN. THE SUITABILITY BUILDING DESIGNER PER ANSI/TPI 1 THE SUTTABILITY AND USE OF ANY BUILDING 92 SEC. 3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT HE IS THE RESPONSIBILITY OF THE

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

CEN 8 0 TE OF 1810k BC LL BC DL T_C TC LL SPACING DUR.FAC. TOT.LD. 믿 32.0 10.0 20.0 24.0" 1.25 0.0 2.0 PSF PSF PSF PSF PSF

JRFF-

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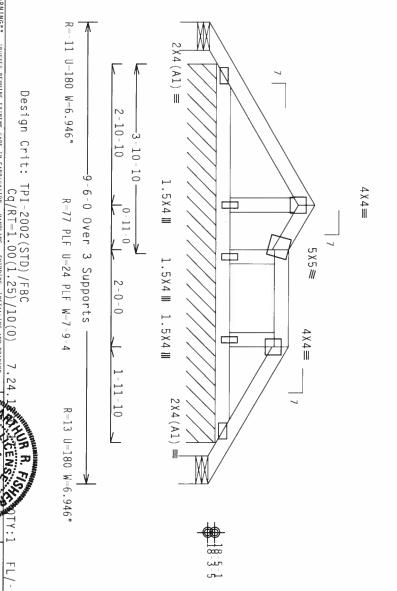
SEQN-HC-ENG

129601

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP Wind reactions based on MWFRS pressures 6 395 Stanley Crawford Construc #2 Dense #2 Dense #3 MILMOTH In lieu of structural panels or rigid brace TC @ 24" OC, BC @ 24" OC. 110 mph wind, 19.37 ft mean hgt, located within 4.50 ft from roof DL=5.0 psf, wind BC DL=1.2 psf. ASCE 7-02, CLOSED bldg, not edge, CAT II, EXP B, wind TC ceiling use purlins to

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

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



MARNING IBUSSIS REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING. RETER TO BEST! (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BAY FIT (TRUSS PLATE INSTITUTE, 21B HORNI LEE SIRCE!, SUITE 1312, ALEXANDRIA, VA. 22314) AND MICA (MODD BIAUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING INCSE FUNCTIONS. UNICESS OFFICENTS: INDICATED FOR THE STATE OF THE PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

PLT TYP.

Wave

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

ALPINE ENGINEERID
PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN:

ANY FAILURE TO BUILTO THE

RUSS IN CONFORMACE WITH HET:

DESIGN CONFORMS WITH APPLICABLE PROPYSIONS OF THIS CANTIONAL DESIGN SPEC, BY AFRAY, AND TEL.

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ANY HISPECTION OF PLATES TOLLOWED BY CT) SHALL BE FER ANNEX AS OF THIS DESIGN.

AS SEAL ON THIS BUILTAND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY AND BUSE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

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

ALPINE

CENS TATE OF 59687 * TY:1SPACING FL/-/4/-/-/R/

BC LL BC DL TC DL TC LL DUR.FAC. TOT.LD. 10.0 32.0 20.0 1.25 0.0 2.0 PSF PSF PSF PSF PSF REF DATE SEQN-HC-ENG DRW HCUSR487 06356044 R487--JB/AF 129607 12/22/06 65038

Scale

=.5"/Ft.

24.0"

JREF-

1L3U782 50.

395 Stanley Crawford Construc HIOMILM AP4

nito tui di fenuna a ntiituatoual anniitiifn hi iwhaa iiiw

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

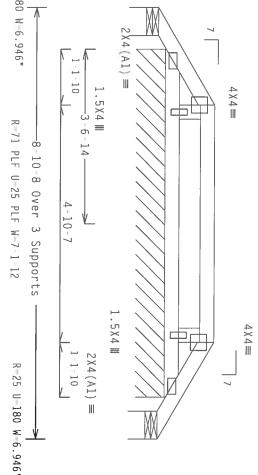
Wind reactions based on MWFRS pressures

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

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

110 mph wind, 19.04 ft mean hgt, ASCE 7 located within 4.50 ft from roof edge, UL=5.0 psf, wind BC DL=1.2 psf. 7-02, CLOSED CAT II, EXP B, wind TC

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



<u></u> 57 400

25 U-180 W-6.946"

 \overline{z}

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

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MARNING TRUSSES REQUIRE CXFREHE CARE IN FARRICATION, FMROLING. SHIPPING, INSTALLING AND BRACHIG.
REFER TO RESS! QUILLOING COMPONENT SAFETY INFORMATION), PWILLSHED BY TPI (TRUSS PLATE INSTITUTE, 2) BY
HORTH LEE STREET, SUITE 31Z. ALEXANDRIA, YA, 22314) AND MICA (MODD TRUSS COUNCIL OF AMERICA, 6300
ENTERPRISE LAME, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PEFFORMHWE THESE FUNCTIONS. UNLESS
OTHERWISE INDICATED TOP CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE
A PROPERTY ATTACHED REGID CELLING.

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

ALPTHE ENGINEERED PRODUCTS, THC. SUNAL HOT BE RESPONSIBLE FOR MAY DEVIATION FROM HITS DESIGN: ANY FALLER TO BULLD THE RESPONSIBLE FOR MAY DEVIATION FROM HITS DESIGN: ANY FALLER A BRACKING OF RENSEES.

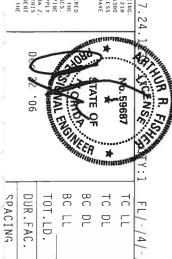
DESIGN CONTORNS HITH APPLICABLE PROVISIONS OF HOS (MAILONAL DESIGN SPEC, BY AFRA) AND TPI. APPLIE CONNECTOR PLATES ARE HADE OF ZOJENJOKA (H.H./SS), ASTH ASSES DESIGN SPECE AND AND TRIANSES.

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



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REF

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Scale =.5"/Ft. R487--

32.0 10.0 24.0" 1.25 0.0 2.0 PSF PSF PSF PSF JRFF-SEQN-DATE HC-ENG DRW HCUSR487 06356045 1T3N487_Z01 JB/AF 12/22/06 129727

BRACE SUBSTITUTION

BRACING METHOD IS DESIRED. IS SPECIFIED ON AN ALPINE TRUSS DESIGN BUT AN ALTERNATIVE WEB THIS DETAIL IS TO BE USED WHEN CONTINUOUS LATERAL BRACING (CLB)

NOTES

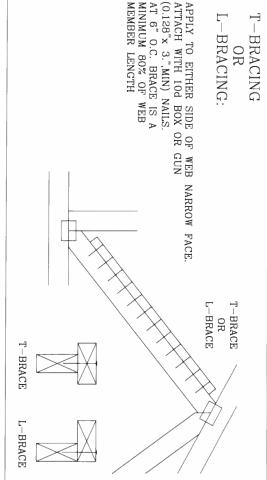
CLB SHOWN ON SINGLE PLY SEALED DESIGNS TO T-BRACING OR SCAB BRACING THIS DETAIL IS ONLY APPLICABLE FOR CHANGING THE SPECIFIED

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

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

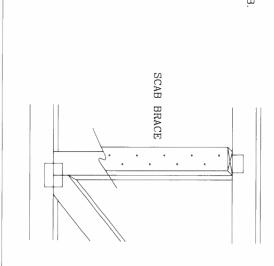
T-BRACE, L-BRACE AND SCAB BRACE TO BE SAME SPECIES AND GRADE OR BETTER THAN WEB MEMBER UNLESS SPECIFIED OTHERWISE ON ENGINEER'S SEALED DESIGN.

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



SCAB BRACING:

(0.128"x 3.",MIN) NAILS. AT 6" O.C. BRACE IS A MINIMUM 80% OF WEB MEMBER LENGTH NO MORE THAN (1) SCAB PER FACE. ATTACH WITH 10d BOX OR GUN APPLY SCAB(S) TO WIDE FACE OF WEB

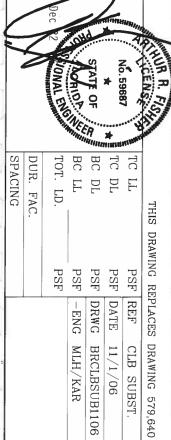




INTERESTINAL RESPONSIBLE FOR ANY DEVIATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN ANY FAILURE TO BUILD THE TRUSS. IN CONCOMMANCE WITH TPI, OF FABRICATING, HANDLING, SHPPING, INSTALLING SPEC, BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (MATIONAL DESIGN SPEC, BY AFREA) AND TPI, ALPINE CONNECTOR PLATES OF ARE MADE OF 20/18/1664 (W,H/SS) GALV. STELL, APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION FER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES OF THE CONCENTRACE OF THIS DESIGN SHOWN. THE SPECIAL RESPONSIBILITY SOLELLY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SULITABILITY SOLELLY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SULITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1

ALPINE ENGINEERED PRODUCTS, INC. POMPANO BEACH, FLORIDA

ALPINE



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MLH/KAR BRCLBSUB1106

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

BRACING GROUP SPECIES

AND

GRADES:

GROUP

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HEM-FIR

DOUGLAS FIR-LARCH

SOUTHERN PINE #3

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GROUP

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HEM-FIR #1

STUD

#1 / #2 STANDARD SPRUCE-PINE-FIR

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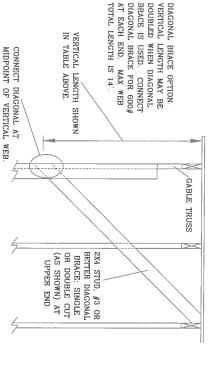
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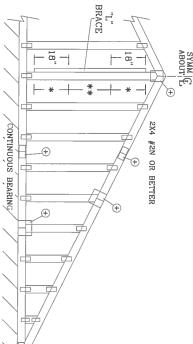
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STANDARD

STUD

| | | M | A | X | 7 | (| J. | Δ] | Β. | L | E | | V | E | F | Γ5 | Ί | С | Α | L | | I | Æ | i) | 1(| J. | ГΗ | [|
|----------|---------|---------|---------|---------|----------|---------|---------|-------------|----------|---------|---------|---------|---------|----------|---------|--------------|------------|----------|--------|------------------|----------|--------|----------------|-------------|--------|---------|-----------------|--------------------|
| | 1 | 2 | ,, | | 0 |) . (| C | • | | 1 | 6 | ,, | | 0 | . (| \mathbb{C} | | | 2 | 4 | ,, | | С |) . | С | | SPACING | GABL |
| | T.H.T | j 1 | 7 |) J | TIT | I I | 7 I. | D D D | | | j | C/ | 2 | TTT | T T | 71 | NDT NDT | | | j 1 | <u>U</u> |) | TTT | I I | OL L | Ω | SPACING SPECIES | 2X4 GABLE VERTICAL |
| STANDARD | STUD | #3 | #20 | #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 | ຜູ | 5,4, | 1 | | | 4' 11" | 4, 5, | 4 6" | | | 4' 10" | 4' 4" | 4' 4" | 4' 4" | 4. 5. | 3' 10" | 1 ' | 4' 0" | 4' 2" | 4' 3" | 3, 9, | ن ع و | 3, 9, | 1 - | BRACES | NO |
| 7 5 | 1 | 8, 5, | 8, 5, | 8 | 7, 3, | 8, | 8 | 8,5 | 6, 5, | 7' 6" | 7' 7" | 7' 8" | 7 8 | 6' 4" | 7' 4" | 7' 4" | 7' 8" | 1 | 6' 1" | ල හ | 6' 8" | 6, 8, | 5 | 6, 0, | 6,0 | 6' 8" | GROUP A | (1) 1X4 "L" |
| 7, 5, | | 8. 5. | 9' 1" | 9' 1" | 1 | 8, | 8,5 | 8, | 6, 5, | 7' 6" | 7' 7" | 8, 3, | 8, | 6' 4" | 7' 4" | 7' 4" | 7' 10" | ص ص | 6' 1" | ල _. හ | 7' 2" | 7' 2" | හ _ු | 6' 0" | 6' 0" | 6' 10" | GROUP B | " BRACE * |
| 9' 10" | I ~ | 10' 0" | 10' 0" | 10' 0" | 9' 7" | 10' 0" | 10' 0" | 10' 0" | 8, | 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" 1 | 10' 6" | 10' 6" | 10' 9" | 10' 9" | 9' 7" | 10' 0" | 10' 0" | 10' 3" | 8' 6" | 9' 6" | 9' 6" | 9' 9" | 9' 9" | 8' 4" | 9' 1" | 9' 1" | 9' 4" | 6' 11" | 8'0" | 8' 1" | 8' 6" | 8' 6" | 6' 9" | 7' 11" | 7' 11" | 8' 1" | GROUP B | 2X4 "L" BRACE * |
| 11' 11" | 11' 11" | 11' 11" | 11' 11" | 11' 11" | 11' 11" | 11' 11" | 11' 11" | 11' 11" | 10' 10" | 10' 10" | 10' 10" | 10' 10" | 10' 10" | 10' 10" | 10' 10" | 10' 10" | 10' 10" | 9' 4" | 9' 5" | 9' 5" | 9' 5" | 9' 5" | 9' 1" | 9' 5" | 9' 5" | 9, 5, | GROUP A | (2) 2X4 "L" |
| 12' 3" | 12' 6" | - 1 | 12' 10" | 12' 10" | 11' 11" | 11' 11" | 11' 11" | 12' 3" | 11' 1" | 11' 4" | 11' 4" | 11' 8" | 11' 8" | 10' 10" | 10' 10" | 10' 10" | 11' 1" | 9' 4" | 9' 11" | 9' 11" | | 10' 2" | 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" | | 13′ 3″ | 14' 0" | 14' 0" | 14' 0" | 14' 0" | 12' 11" | 14' 0" | 14' 0" | 14' 0" | 10' 10" | 12' 5" | - 1 | 12' 5" | 12' 5" | 10' 7" | 12' 3" | | 12, 2, | GROUP A | (1) 2X6 "L" |
| 14' 0" | | ~ | | 14' 0" | 14' 0" | 14' 0" | 14' 0" | 14' 0" | 13' 3" | 14' 0" | 14' 0" | 14' 0" | 14' 0" | - 1 | - 1 | 14' 0" | 14' 0" | 10' 10" | 12' 6" | - 1 | | 13' 5" | | - 1 | | 12' 9" | GROUP B | BRACE * |
| 14' 0" | | - | - 1 | | 14' 0" | 14' 0" | | 14' 0" | - 1 | 14' 0" | - 1 | 14' 0" | 14'0" | - 1 | - 1 | | 14' 0" | 14' 0" | | 14' 0" | | 14' 0" | 1 | | 14' 0" | 14' 0" | GROUP A | (2) 2X6 "L" |
| 14' 0" | | - 1 | - 1 | - 1 | -1 | | - 1 | | - 1 | | | | - 1 | - 1 | - 1 | | - 1 | 14' 0" | 14' 0" | | - 1 | | | - 1 | | 14' 0" | GROUP B | BRACE ** |





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| CR | |
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| S | Ε |
| L/240. | NOTES |

SOUTHERN PINE

DOUGLAS FIR-LARCH

#2

#2

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

ATTACH EACH "L" BRACE WITH 10d NAILS.

* FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C.
IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.

** FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C.

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

| PEAK, SPLICE, AND HEEL PLATES. | REFER TO COMMON TRUSS DESIGN FOR | GREATER THAN 11' 6" 2.5X4 | GREATER THAN 4' 0", BUT LESS THAN 11' 6" 2X4 | LESS THAN 4' 0" 1X4 OR 2X3 | VERTICAL LENGTH NO SPLICE | GABLE VERTICAL PLATE SIZES |
|--------------------------------|----------------------------------|---------------------------|--|----------------------------|---------------------------|----------------------------|
| | N FOR | (4 | -4- | 2X3 | LICE | ES |

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESS (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI CTRUSS PLATE INSTITUTE, 218 NORTH LIEE STR. SUITE 312, ALEXANDRIA, VA. 22314) AND VICA VUODO TRUSS COLUNCIL OF AHERICA, 6300 ENTERPRISE LN, HADISON, VI 53719) FOR SAFETY PRACTICES PRIDE TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE (INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

REFER TO CHART ABOVE FOR MAX GARD

ENGTH

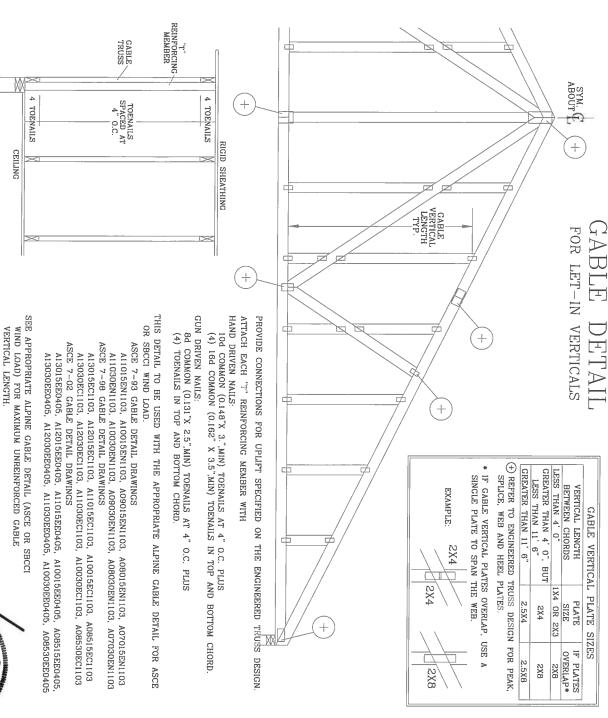
IMPORTANI FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE VITH TPI, OF FABRICATING, HANDLING, SHEPPING, INSTALLING & SEC, BRACING OF TRUSSES. DESIGN CONFORMS VITH APPLICABLE PROVISIONS OF NOS (NATIONAL DESIGN SPEC, BY AFRAYA AND TPI, ALPINE CONNECTOR PLATES ARE MADE OF 2018/1656 AV JANSON ASTH A633 GRADE 40/60 (*V.K/H.SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE OF A0/60 (*V.K/H.SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE BY CONTRACTOR OF PLATES TOLLOWED BY CONTRACTOR OF PLATES TOL

ALPINE ENGINEERED PRODUCTS, INC. POMPANO BEACH, FLORIDA

ALPINE

Dе SOLE BILLY No.59687 CENSE STATE OF WAL ENGINEE CORIOR numina MAX. SPACING MAX. TOT. LD. 24.0" 60

PSF DATE DRWG A11015EE1106 11/1/06ASCE7-02-GAB11015



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

TOENAIL

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

MAXIMUM ALLOWABLE "T" REINFORCED GABLE VERTICAL LENGTH IS 14° FROM TOP TO BOTTOM CHORD.

WEB LENGTH INCREASE W/ "T" 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 MPH | 30 FT | 110 MPH | 15 FT | 110 MPH | AND MRH | MIND CDFFD |
|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|---------|-------|---------|-------|---------|-------|---------|---------|-------------|
| | _ | | | | | | _ | | _ | | | | I | | H | | Ξ | | Ξ | - | ".h" U.d. |
| 2x6 | 2x4 | 2x6 | 2x4 | 2x6 | 2x4 | 2x6 | 2x4 | | " DEINE |
| 2 01 | 10 % | 2 0 | % 0 | 20 % | 20 % | 10 % | 10 % | 30 % | 10 % | 20 % | 20 % | 40 % | 10 % | 30 % | 10 % | 50 % | 10 % | 40 % | 10 % | SBCCI | |
| 30 % | 20 % | 20 % | 20 % | 40 % | 10 % | 30 % | 20 % | 50 % | 2 01 | 40 % | 2 01 | 40 % | 2 01 | 50 % | 2 01 | 50 % | 10 % | 50 % | 10 % | ASCE | |

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

| THE PORT OF THE PER | LACES | DRAWINGS | GAB9811 | 7 876,71 | REPLACES DRAWINGS GAB98117 876,719 & HC26294035 |
|---|----------|---------------------|---------|----------|---|
| A CENSE CO | | | | REF | LET-IN VERT |
| No.59687 | Fifter | | | DATE | DATE 11/1/06 |
| * | FF1791 W | | | DRWG | DRWG GBLLETIN1106 |
| SIAIE OF SER | 711 | | | -ENG | -ENG DLJ/KAR |
| SONAL ENGINE | MAX | MAX TOT. LD. 60 PSF | 0 PSF | | |
| AND PARTIES AND | DUR. | DUR. FAC. ANY | YI | | |
| | MAX | MAX SPACING 24.0" | 24.0" | | |

ALPINE ENGINEERED PRODUCTS, INC. POMPANO BEACH, FLORIDA

WAVARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESS! GUILLONG COMPONENT SAFETY INFORMATION, PUBLISHED BY TP! CTBUSS PLATE INSTITUTE, 218 AURTH LEE ST#. SUITE 312, ALEXANDRIA, VA. 22314) AND VTCA VGOID TRUSS COLUCIL OF AMERICA. 6300 ENTERPRISE LN. HADISIN. VI 53759 TGR SAFETY PRACTICES PRIGR TO PERFORMING THESE FUNCTIONS. ONLESS CHERWISE INDICATED, TO FURDE SHALL HAVE PROBERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

ALPINE

PIGGYBACK DETAI

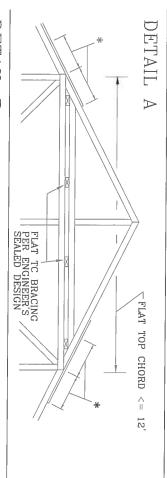
100 MPH WIND, 30.00 FT NEAN HGT, ASCE 7-02, CLOSED BLDG, LOCATED ANYWHERE IN ROOF, CAT II, EXP C, WIND TC DL=5.0 PSF, WIND BC DL=5.0 PSF.

ANCHORAGE

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.

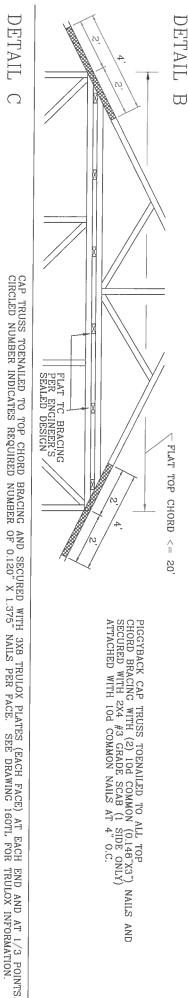
100 MPH WIND, 30.00 FT MEAN HGT, ASCE 7-98, CLOSED BLDG, LOCATED ANYWHERE IN ROOF, CAT II, EXP. C, WIND TC DL=5.0 PSF, WIND BC DL=5.0 PSF.

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



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

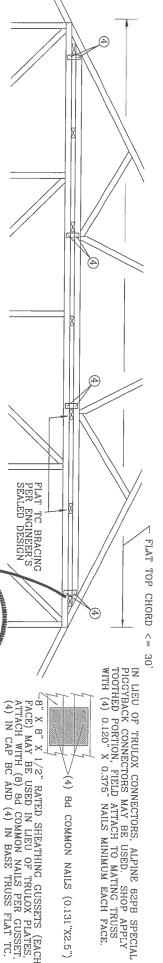
12" 0R GUN RIGID SHEATHING OVERLAP WITH 8d COMMON IN OVERLAP ZONE SPACED AT 4" O.C. (0.131"x2.5")



DETAIL

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



AVARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TID BESI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, ZIB NURTH LEE STR. SUITE 312, ALEXANDRIA, VA. 22314) AND VITCA (VOIDO TRUSS COLUNCIL OF ARRICA, 6300 ENTERPRISE LN, MADISIN, VI 53719) FOR SAFETY PRACTICES PRIGR TO PERFORMING THESE FUNCTIONS: ONLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED RIGID CEILING.

HUR R.

SIH

DRAWING

REPLACES DRAWINGS 581,670 & 961,860

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

***MIPRIGRIANI** FURNISH CDRY 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 WITH TPJ. OR FABRICATING, HANDLING, SHEPPING, INSTALLING BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HIS (NATIONAL DESIGN SPEC, BY AFRAN AND TPJ. ALPINE CONNECTIOR PLATES ARE MADE OF 2018/1664 CWH/XSS/VASTM A635 GRADE 40/60 (VMK/HSS) 6ALV STEEL APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS DITHERWISE OF ANALYDE DITHIS DESIGN, POSITION FER DRAVINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAVING HORICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FIR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANNIZYTI I SEC. 2

ALPINE ENGINEERED PRODUCTS, INC. POMPANO BEACH, FLORIDA

ALPINE

SIONAL ENGINEER B. CENSE 1.59687 BC BC TC TOT. SPACING DUR. FAC. C DL TT DL LD.

MAX 24.0 1.15 60 PSF PSF PSF PSF PSF REF DATE DRWG ENG 11/1/06 PIGGYBACK DLJ/KAR PIGBACKA1106

TOP CHORD CHORD WEBS 2X4 2X4 ### %% 222 BETTER BETTER BETTER

PIGGYBACK

REFER TO SEALED DESIGN FOR DASHED PLATES

TOP AND BOTTOM CHORD SPLICES MUST BE STAGGERED SO THAT ONE SPLICE IS NOT DIRECTLY OVER ANOTHER. SPACE PIGGYBACK VERTICALS AT 4' OC MAX

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

REFER TO ENGINEER'S SEALED DESIGN FOR REQUIRED PURLIN SPACING

SIHT 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 WIND TC DL=5 PSF, WIND BC DL=5 PSF ROOF

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

(4) Бd BOX (0.099"X 2.", MIN) NAILS

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

(4) IN CAP ВС AND (4) IN BASE TRUSS FLAT TC.

JOINT TYPE 0 A E D Ш 4X6 .5X3 4X6 2X4 30 OR 3X6 TI ROTATED 2.5X4 SPANS .5X4 5X6 34 TRULOX AT 4 Ϋ́Р 2.5X4 5X5 .5X4 5X6 38 oT 3X5 52

MEMBER TO BE CONNECTED. REFER TO DRAWING 160 TL FOR TRULOX INFORMATION. OR EQUAL, PER FACE PER PLY. (4) NAILS IN EACH

ATTACH TRULOX PLATES WITH (8) 0.120" X 1.375" NAILS

| С | C | | | | |
|---------------------------|---|--|-----------------------|------------------|-------------------|
| | 10' TO 14' | 7'9" TO 10' | 0' TO 7'9" NO BRACING | WEB LENGTH | |
| * DIGGYDAGY CREEGIA DIAME | 2x4 "T" 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. | 7'9" TO 10' MEMBER, OR BETTER, AND 80% LENGTH OF WEB MEMBER. ATTACH WITH 8d BOX (0.113"X 2.5",MIN) NAILS AT 4" OC. | NO BRACING | REQUIRED BRACING | WEB BRACING CHART |

* 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 AND SPACE 4' OC OR LESS. TRUSS FACE



С

ING REPLACES DRAWINGS MAX LOADING 634,016 REF 634,017 & 847,045 PIGGYBACK

No. 59687

DATE PIGBACKB1106 DLJ/KAR

CONAL ENGINEERS 1.33 DUR. FAC 225 50 <u>ე</u> 47 DUR. PSF PSF PSF ΑT AT AT FAC

SPACING

24.0

1.15

DUR.

FAC

FRONT FACE (E,*) PLATES MAY BE OFFSET FROM BACK FACE PLATES AS LONG AS BOTH FACES ARE SPACED 4' OC MAX. ACCEPTABLE EITHER PLATE MAX [12 *ATTACH PIGGYBACK WITH 3X8 TRULOX OR ALPINE PIGGYBACK SPECIAL PLATE. 20 FLAT 至 Ш TYP. TOP W 4 OPTIONAL CHORD MAX SPAN 五 4 W 妇 #AX SIZE OF 2X12 一种 В 体 -C-TYP Ш À 舛 D-SPLICE 斞 炷 娃 妕 娃 妇 THE R. C CENS إن C 烛c 烛 C 烛C 烛 C 炮

IMPORTANI FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR ALPINE ENGINEERED PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE CHITH TPI, OR FABRICATING, HANDLING, SHPPING, INSTALLING SECOND TRUSSES. DESIGN COMFORMS WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC. BY AFRAYA AND TPI, APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC. BY AFRAYA AND TPI, APPLICABLE PROVISIONS OF NOS CHATCONAL DESIGN POSTTOR PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE COCATED ON THIS DESIGN, POSTTION PER DRAVINGS 160A-Z ANY INSPECTION OF PLATES TOLLOWED BY (D) SHALL BE PER ANNEX AS OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAVING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI I SEC. 2

ALPINE ENGINEERED PRODUCTS, INC. POMPANO BEACH, FLORIDA ALPINE

AVARNHO TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESI (BUILDING COHPEDENT SAFETY INFORMATION), PUBLISHED BY TRY CTRUSS PLATE INSTITUTE, 218 NIRTH LEE STE, SUITE 312, ALEXANDRIA, VA. 22314) AND VICA (VOIDO TRUSS COLNCIL OF AMERICA, 6300 ENTERPRISE LN, HADISIN, VI 53719) FOR SAFETY PRACTICES PRIDE TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED. TO FURDE SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE APPOPERLY ATTACHED RIGID CEILING.