## ITW Building Components Group, 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:1T9Q8228Z0109083924

Truss Fabricator: Anderson Truss Company

Job Identification: 7-227--WADE WILLIS CONSTRUCTION The Haley -- , \*\*

Truss Count: 44

Model Code: Florida Building Code 2004 and 2006 Supplement

Truss Criteria: ANSI/TPI-2002(STD)/FBC

Engineering Software: Alpine Software, Versions 7.36, 7.24.

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

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

Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration

Floor - N/A

Wind - 110 MPH ASCE 7-02 -Closed

## Notes

- Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
- 2. The drawing date shown on this index  $\bar{s}_n$  eet must match the date shown on the individual truss component drawing.
- 3. As shown on attached drawings; the drawing number is preceded by: HCUSR8228

Details: BRCLBSUB-A11030EE-GBLLETIN-A11015EE-

# Ref Description Drawing# Date

	-#-	NCI DESCRIPCION	Di un ilig#	Dutt	4
	1	37686H15A	07221022	08/09/07	
	2	37687H17A	07221023	08/09/07	ı
	3	37688A1	07221024	08/09/07	
	4	37689 H9A	07221044	08/09/07	
l	5	37690 - H11A	07221025	08/09/07	
	6	37691H13A	07221026	08/09/07	
	7	37692H7B	07221027	08/09/07	
I	8	37693H9B	07221028	08/09/07	
١	9	37694H11B	07221029	08/09/07	
Ì	10	37695 H13B	07221030	08/09/07	
ı	11	37696H7C	07221031	08/09/07	
١	12	37697H9C	07221001	08/09/07	
Ì	13	37698C1	07221002	08/09/07	
ı	14	37699C2-GDR	07221032	08/09/07	
ı	15	37700 H5D	07221033	08/09/07	
ı	16	37701 H6D	07221034	08/09/07	
l	17	37702E-GE	07221003	08/09/07	
I	18	37703E1-GDR	07221035	08/09/07	
۱	19	37704H5F	07221036	08/09/07	
l	20	37705 H7F	07221004	08/09/07	
l	21	37706 F1 - GDR	07221037	08/09/07	
l	22	37707G1-GDR	07221038	08/09/07	
l	23	37708G-GE	07221005	08/09/07	
l	24	37709 J1	07221006	08/09/07	
l	25	37710HJ7	07221039	08/09/07	
l	26	37711J3	07221007	08/09/07	
l	27	37712J5	07221008	08/09/07	
l	28	37713EJ7	07221009	08/09/07	
	29	37714EJ7A	07221010	08/09/07	
ŀ	30	37715 J1A	07221011	08/09/07	
	31	37716HJ6A	07221040	08/09/07	
	32	37717HJ5	07221041	08/09/07	
	33	37718J4	07221012	08/09/07	
	34	37719J5A	07221013	08/09/07	
	35	37720J5AA	07221014	08/09/07	
	36	37721 J2	07221015	08/09/07	

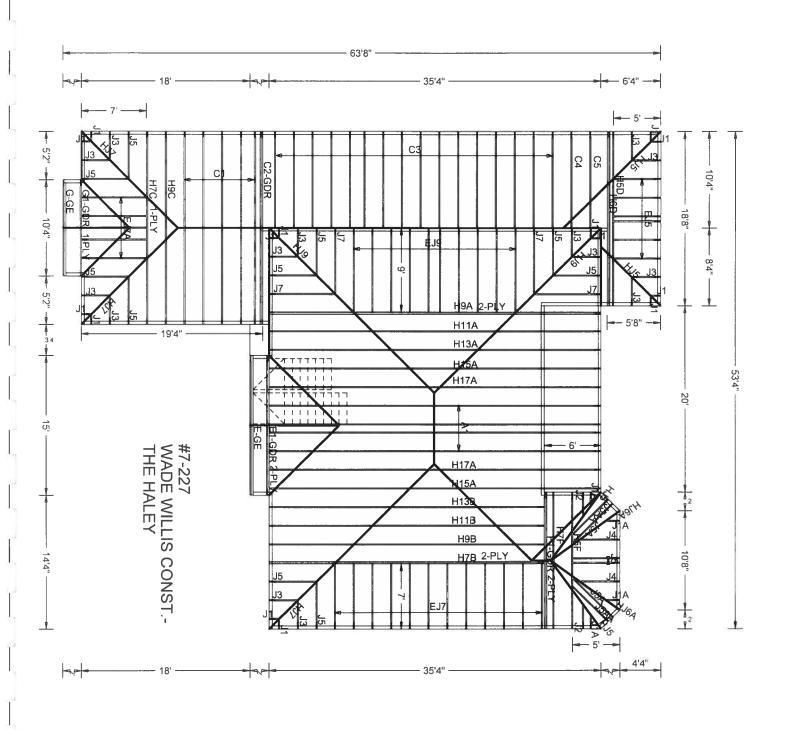
TF4

Seal Date: 08/09/2007

-Truss Design Engineer-James F. Collins Jr. Florida License Number: 52212 1950 Marley Drive Haines City, FL 33844

#	Ref Description	Drawing#	Date
37	37722EJ5	07221016	08/09/07
38	37723HJ5	07221042	08/09/07
39	37724 J7	07221017	08/09/07
40	37725HJ9	07221043	08/09/07
41	37726EJ9	07221018	08/09/07
42	37727 C3	07221019	08/09/07
43	37728C5	07221020	08/09/07
44	37729C4	07221021	08/09/07





JOB NO: 7-227 PAGE NO: 1 OF 1 JOB DESCRIPTION:: WADE WILLIS CONSTRUCTION /: The Haley

l op Bot Haines City, FL 33844
FL Cartificate of Authorization # 567 PLT In lieu of structural panels use purlins to brace all flat TC  $0\ensuremath{\text{C}}\xspace.$ Wind reactions based on MWFRS pressures (7 227 WADE WILLIS CONSTRUCTION The Haley chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3 TYP. 0 5 ALPINE 3X5 (B2) ≡ Wave 6-0-0 6 2 0 2 \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE THISTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH THE INC. OR FABRICATION. INABILITY, BUT ON FABRICATION. THE TRUSS IN COMPORES IN THE BCG CONTRACT OF THE SEES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THIS COMPORED 40,600 (N. KYM.SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS ONURSHIEL LOCATED ON THIS DESIGN, POSITION PER BRANDINGS 160A. Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PLR ANIMEX AS OF THI 2002 SEC.3. A SEAL ON THIS DESIGN AS OF THE TRUSS COMPONENT OF THE PLATES FOLLOWED BY (1) SHALL BE PLR ANIMEX AS OF THI 2002 SEC.3. A SEAL ON THIS DESIGN AS THE PLATES FOLLOWED BY (1) SHALL BE PLR ANIMEX AS OF THI 2002 SEC.3. \*\*\*WARNING\*\*\* RRUSES REQUIRE EXTRHE CARE IN FARRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING.
RETER TO BEST GUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY TIPI (TRINS PLATE HISTIDIE, ZIB
MOBIN LEE STREET, SUITE JIZ. ALEXANDRIA, VA. ZZJJA) AND MICHA (MODO TRUSS COUNCIL DE MARECA. 6300
LINIERRISE LUME, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HE'SE FUNCTIONS. UNLESS
DIHERRISE LUDICATED IOP CHURD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAWELS AND BOTTOM CHORD SHALL HAVE
A PROPERLY ATTACHED RIGID CETCING. 0 BUILDING DESIGNER PER ANSI/IP! I SEC 1.5X4 Ⅲ 3X5 € 4 X 4 ≡ 1768 U-454 W-4" ່ວາ 0-0 8 3 X 5 ≡ Design Crit:  $\alpha$ 3X6# 10 d H15A) 35-4-0 Over 5 X 5 🚞 TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/ 4 X 8 = **®** 24" <del>ن</del> ت 44 4 N 00 Supports 5 X 6 ≡  $3 \times 4 \equiv$ /10(0) 5 with 110 mph wind, 22.68 ft mean hgt, ASCE 7-02, PART.\_ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf. Iw=1.00 GCpi(+/-)=0.55 (A) 1x4 with 8d Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is  $1.50\,.$ œ 3X6₩ 10 3 X 5 = 3 X 5 ₩ #3 or better "T" brace. 80% length of web member. Box or Gun (0.113"x2.5",min.)nails @ 6" OC. 15-0-0 CORIDE 4 X 4 == ATE O 5 X 4 Ⅲ 6 2 0 2 0 0TY:1 R-1142 U-386 3X5(B2) =BC DL SPACING ВС TC DL TC LL DUR.FAC. T0T.LD. FL/-/4/-/-/R/-0 - 6 40.0 6 10.0 20.0 24.0" 1.25 10.0 PSF 0.0 PSF PSF PSF PSF 18-4-12 JREF-DATE FROM SEQN-HC-ENG REF DRW HCUSR8228 07221022 Scale = .1875"/Ft. R8228-1T908228Z01 DF / DF 43109 08/09/07 37686 0

Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 In lieu of structural panels use purlins to brace all flat 0°C. Wind reactions based on MWFRS pressures (7 227 WADE WILLIS CONSTRUCTION 0 0 ALPINE Wave  $4 \times 4 (B1) =$ 6-0-0 6-2-0 \*\* IMPORTANT\*\* "PURRIEN A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, LIC. SMALL ROLL
BE RESOUNDED FOR ANY DETAILOR FOR HIS DESIGN, ANY FAILURE TO BUILD HE RUSS IN COMBRANCE WITH
BESTON CONTRACT HIG. IMBULING. SHIPPING. HYSIALLING A BRACING OF TRUSSES.
BESTON CONTRACT HIM. APPLICABLE PROVISIONS OF THIS (MAILDING DESIGN ESPEC, BY AFAPA) AND PPI.
CONTRACTOR PLAIS. ARE MODE OF TO/18 JICAGA (M.1/SSY). ASTH MOSS GRADE MODE MODE AND THE ACHT.

APPLY \*\*HARNING\*\* IRUSSIS REQUIRE EXTREME CARE IN FABRICATION, MANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI. (BUILDING COMPORENT SAFETY INFORMATION), PUBLISHED BY IFI (TRUSS PLATE INSTITUTE, ZIB UNDER LET SHIFT, SUITE IZZ ALEXANDRIA, YA, ZZIJA) AND MICTAC (MODO TRUSS COUNCIL OF AMERICA. 6300 CHIERPRISC LANG, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERNISC LINGLED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAWELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CELLING. BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. PHAIES 10 EACH FACE OF TRUSS AND, UNEESS OHHERMISE LOCATED ON HITS DESIGN, POSTITON PER BRANINGS 160A 2 ANY INSPECTION OF PLAIES FULCHUTO BY (1) SHALL BE PER ANNEX A3 OF TPIT 2002 SEC.3. A SEAL ON HHIS DRAHING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SHITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE 6 3 X 4 Ⅲ 4 X 5 ≢ R 1759 U 462 W 4" The Haley 2 0 [7-0-0]3×5 # 3X5= 3X5≡ Design Crit: 3X4 € 8-0 S TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/ -4-0 TC @ Over 2 Supports 3 \ 4 == 5 X 5 = 4-0  $3 \times 4 \equiv$ 5 X 5 ==  $\Xi$ /10(0)0 Ö (A) 1x4 with 8d 110 mph wind, 23.18 ft mean hgt, ASCE 7-02, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. 3 X 4 ₩ 3×5= 3 X 5 ≡ #3 or better "T" brace. 80% length of web member. Attach Box or Gun (0.113"x2.5",min.)nails @ 6" 0C. 3 X 5 // 1 3 2 1 17-0-0 CORIOR 0 4 X 5 🦛 3 X 4 Ⅲ σ 6 2-0 R=1151 U=395 4X4(B1) = SPACING BC DL TC DL TC LL DUR.FAC. TOT.LD. FL/-/4/-/-/R/-9-9-0 20.0 24.0" 40.0 10.0 PSF 10.0 PSF 0.0 PSF PSF PSF → 18 4 12 JREF -SEQN-DATE REF FROM HC-ENG DRW HCUSR8228 07221023 Scal e R8228-1T908228Z01 =.1875"/Ft. DF / DF 43113 08/09/07 9 37687 C 6

Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 PLT ITW Building Components Group, Inc. Haines City, FL 33844 FL Continuate of Authorization # 567 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 (7-227 -- WADE WILLIS CONSTRUCTION TYP. 9-0 ALPINE 4X4(B1) = Wave 0-0-0 6 - 2 - 02-0 \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: THE FAILURE TO BRILD THE RUSS IN COMPORNANCE WITH P1: OR FABRICATION, HANDLING, SHIPPIG, INSTALLING A BRAILE OF FRUSSES.

DESIGN CONTRONS WITH APPLICABLE PROVISIONS OF 1005 (MATIONAL DESIGN SPEC, BY AFRYA) AND P1: ITH BCG CONNECTOR PLATES ARE HADE OF 20/10/16/64 (M.H/SS/P), SATH MASS GROBE 40/60 (M.K/M.SS) GALV SITELA APPLY LALAES TO EACH FACE OF TRUSS AND. UNLESS ON THE STATE OF THE S \*\*HARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FARRICATION. NANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO GOST. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY FPI (TRUSS PLATE INSTITUTE, ZIB HORTH LEE STREET, SUITE 312. ALEXANDRIA, NA, 223-214) AND TRUCA (MODO TRUSS COUNCIL OF AMERICA. 6300 CHICERRISE LANE, HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERNISE LIDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAHELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED TRUCTURAL PAHELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CELLING. BUILDING DESIGNER PER ANSI/TPI 1 SEC. 3 X 4 Ⅲ 4 X 5 € R-1759 U-465 W-4" The Haley 3×5# 17-8-0 3 X 5 == 3 X 5 ≡ Design Crit: 3X4 // 8-4-0 35 TPI -2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0) -4-0 0ver 5 X 5 💻 4 X 8 ≡ 2 Supports  $\widehat{\mathbb{A}}$ 00 4-0 110 mph wind, 23.35 ft mean hgt, ASCE 7-02, PART.\_ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf. iw-1.00 GCpi(+/-)-0.55 3 X 4 🦔 (A) Continuous lateral bracing equally spaced on member 6  $3 \times 5 \equiv$ 3 X 5 = 17-8 3 X 5 ₩ w 0 2 0 4 X 5 🦛 SANDA TONO. CORIOR 3 X 4 Ⅲ 6 - 2 - 02-0 R=1151 U=397 4X4(B1) =BC LL BC DL SPACING DUR.FAC. TC DL TC LL TOT.LD. FL/-/4/-/-/R/ 0 6 20.0 24.0" 1.25 40.0 10.0 10.0 PSF 0.0 PSF PSF PSF PSF **⊕**-18-4-12 DATE JREF SEQN-REF FROM HC-ENG DRW HCUSR8228 07221024 Scale = .1875"/Ft. R8228- 37688 1T908228Z01 DF / DF 43118 08/09/07

Top chord 2x4 SP #2 Dense :T2, T3 2x6 SP #2: Bot chord 2x6 SP #2 Webs 2x4 SP #3

Trusses or components connecting to this girder have been modified by the truss designer. The loading for this girder requires verification for accuracy.

110 mph wind, 21.18 ft mean hgt, anywhere in roof, CAT II, EXP B, ASCE 7 02, PART. ENC. bldg, wind TC DL 5.0 psf, wind BC Located DL=5.0

#1 hip supports 9-0-0 jacks with no webs

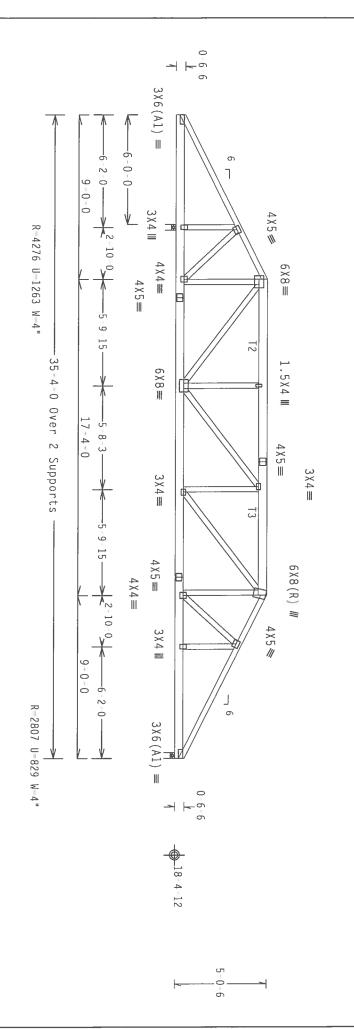
## **N** COMPLETE TRUSSES REQUIRED

Nailing Schedule:
Top Chord: 1 Row @
Bot Chord: 1 Row @
Webs: 1 Row @ (12d\_Box\_or\_Gun\_(0.128"x3.25",\_min.)\_nails)
@12.00" o.c.
@12.00" o.c.
@ 4" o.c.

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

In lieu of structural panels use purlins to brace all flat TC @ 0C.

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



\*\*MARNING\*\* RUSSES REQUIRE CYREME CARE IN FAMRICATION, HANDLING, SHIPPING, INSTALLING AND BRACTIG. RETER TO BEST (BULLDING COMPONIENT SAFETY FUROMENTOR), PUBLISHED BY PT (TRUSS PLATE LASTITUTE, ZIBA MONTH LEE SHRIET, SHITE 312, ALEXANDRIA, VA, ZZ314) AND HICA (400D TRUSS COUNCIL OF AMERICA, 630D ENTERENSE LAUE, HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HIESE FUNCTIONS, UNLESS OTHERWISE HINDLANDED SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE TPI-2002 (STD) /FBC Cq/RT=1.00(1.25) /10(0)

TC DL

10.0 20.0

PSF PSF

DATE REF

08/09/07

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

Scale =.1875"/Ft. R8228- 37689

C DL

10.0 PSF 0.0

DRW HCUSR8228 07221044

PSF

HC-ENG

DF / DF

PSF

SEQN-

214679

REV

JREF -FROM

1T9Q8228Z01

Design Crit:

PLT

TYP.

Wave

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR THE BCG, INC. SHALL N
DERESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE RUSS IN COMPORMANCE HITH
IP: OR FARBECKING. MANULUMG, SHEPPIG, HISTALLIUG, BRACHING OF TRUSSES.
DESIGN CONFORTS HITH APPLICABLE PROPISIONS OF MDS (MATIONAL DESIGN SPIC, BY AFRA) AND IP). THA
COMMECTIOR PLATES ARE MADO OF 20/18/160A (M.H.)SEST, ASTH AGES GRADE 40/60 (M. K/N.SS) GALV. STEEL, APPL
PLATES TO EACH FACE OF TRUSS AND. DHLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION FOR DRAKINGS 160A

PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON HITS DESIGN, POSITION PER DRAWHIGS 160A ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANNEX AS OF TPI1 2002 SEC. 3.

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BETTATION OF THE SHIP AND A STATE OF THE TRUSS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING IS THE RESPONSIBILITY OF THE BUILDING IS THE SHIP AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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ALPINE

USS COMPONENT Pug SPACING DUR.FAC. SEE 40.0 1.25 ABOVE

Bot DC. Wind reactions based on MWFRS pressures. 0 Haines City, FL 33844
FL Cariffrage of A wharivation # 567 (7-227 WADE WILLIS CONSTRUCTION p chord 2x4 SP t chord 2x4 SP Webs 2x4 SP lieu of structural panels use purlins to brace all flat TC @ TYP. 0 0 ALPINE Wave 4X4(B1) ≡ #2 Dense #2 Dense #3 6-0-0-2 6 \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH FP: OR FABRICATION, NAMELING, SHEPPING, INSTALLING A BRACING OF FRUSSES, DESIGN CONTORNS HILL APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SEC, S. YA KARA) AND IPI... TH BCG CONNECTOR PLAILS ARE MADE OF 20/16/16GA (M.H/SS/K) ASIH A653 GRADE 40/60 (M.K/M.SS) GALV. SHEEL APPLY PLAIES TO EACH FACE OF TRUSS AND. UNICSS OTHERSISE LOCATED ON THIS DESIGN, POSITION PER DRAWHIGS 166A Z. ANY HISPECTION OF PLAIES FOLLOWED BY (I) SHALL BE PER ANNER X OF FPII 2002 SEC.3. A STAL ON THIS DRAWHIGS INFORMATING OF PROFESSIONAL INCLUMENTAGE OF PROFESSIONAL MICHAELER OR RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DRAWHIGS INFORMATION OF THE BESSION OF THE SOLEN FOR THE TRUSS COMPONENT DRAWHIGS INFORMATION OF THE MESSON COMPONENT DRAWHIGS INFORMATION OF THE MESSON OF THE SOLEN FOR THE TRUSS COMPONENT DRAWHIGS INFORMATION OF THE MESSON OF THE SOLEN FOR THE TRUSS COMPONENT DRAWHIGS INFORMATION OF THE MESSON OF THE SOLEN FOR THE TRUSS COMPONENT DRAWHIGS INFORMATION OF THE MESSON OF THE SOLEN FOR THE TRUSS OF THE SOLEN FOR THE SOLEN FOR THE TRUSS OF THE SOLEN FOR THE SOLEN FOR THE TRUSS OF THE \*\*WARNING\*\* RUSSIS REQUIRE EXTREME CARE IN FABRICATION, IMADILIDE, SUIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), POWELISHED BY FIT (TRUSS PLATE INSTITUTE, 210 MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 2231A) AND WICA (MODD TRUSS COUNCIL OF AMERICA, 6300 ERITERPRISE LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS ONLEWISE INDICATED BY CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAHELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PAHELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PAHELS AND BOTTOM CHORD SHALL HAVE 0 BUILDING DESIGNER PER ANSI/IPI I SEC. Z. 3 X 4 III 4 X 5 R 1759 The Haley 10 U 432 W 4" 3 X 5 ≡ 0 Design Crit: 3 X 5 ≡ €X6= H11A) 35-4-0 TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) ω 0 0ver 1.5X4 III 4 X 8 ≡ 13 - 4 - 02 Supports  $\Xi$ ω Ö (A) 1x4 with 8d 110 mph wind, 21.68 ft mean hgt, ASCE 7-02, PART.\_ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi(+/-)=0.55 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. 3×5≡ €X6≡ 3 X 5 ≡ 36.042 #3 or better "T" brace. 80% length of web member. Attach Box or Gun (0.113"x2.5",min.)nails @ 6" 0C. -4-10-0 4 X 5 🥾 3 X 4 III CORIO 0 0 N R=1151 U-374 W-4" 4X4(B1) = TC LL SPACING DUR.FAC. 8 C ВС TC DL TOT.LD. FL/-/4/-/-/R/-DL 0 . 6 20.0 40.0 6 24.0" 1.25 10.0 10.0 PSF 0.0 PSF PSF PSF PSF 18-4-12 DATE REF SEQN-JREF-FROM DRW HCUSR8228 07221025 HC-ENG Scale =.1875"/Ft R8228-1T908228Z01 DF / DF 43105 08/09/07 9 37690 6

Aug 09

Top chord 2x4 SP / Bot chord 2x4 SP / Webs 2x4 SP / Wind reactions based on MWFRS pressures Haines City, FL 33844
FL Cariff all of A contact of A con Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. (7-227 WADE WILLIS CONSTRUCTION TYP. 0 6 ALPINE Wave 4X4(B1) =#2 Dense #2 Dense #3 -6-0-0 6 2 0 \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH TPI; OR FLAREACHING, HANDLING, SHEPPING, HISALLING A BRACHING OF TRUSSES, DESIGN CONTROWS WITH APPLICABLE PROVISIONS OF HIDS (MATIONAL DESIGN SEEC, BY ARRA) AND FPI. I'M BCG CONNECTOR PLATES ARE HADE OF 20/18/16/AG (M.H/SS/K) ASTH A653 GRADE 40/60 (M. K/H.SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAWHINGS 160A Z. ANY HISPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF FPII 200Z SEC.3. A SEAL ON THIS DESIGN SHALL SECONDOWN THE SHALL SEECH SECONDOWN THE SHALL SECONDOWN THE SHALL SEECH SECONDOWN THE SHALL SECONDOWN THE SHALL SEECH SECONDOWN THE SHALL SECONDOWN THE SHALL SEECH SECONDOWN THE SHALL SECONDOWN THE SHALL SECONDOWN THE SHALL SECONDOW \*\*WARNING\*\* RUSSES REQUIRE CYPREME CARE IN FABRICATION, IMPOLLING, SHIPPING, INSTALLING AND BRACING. RETER TO BEST (BUILDING CHMPONETH SAFLYE HORBANION), PUBLISHED BY TPI (TRUSS PLAIE INSTITUTE, 218 HORBIN LEE STREE, SUITE 312, ALEXANDRIA, VA. 22314) AND MICA (MOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 53719) FOR SAFELY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TO FROMD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE DESIGN SHOWN. THE SUFFABILITY AND BUILDING DESIGNER PER ANSI/TPI I SEC. 3 X 4 III 4 X 5 # 13 - 0 - 0R = 1759The Haley U-442 W-4" 6 3×5= Design Crit: 10 00 5 X 5 = 4 X 8 ≡ H13A) ဌဌ TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/ 4-0 ω 0ver 9-4-0 9-4-0 3 \ 4 ≡ 2 Supports 8 /10(0)4 X 8 ≡ 5 X 5 = In lieu of structural panels use purlins to brace all flat TC @ 0C. 110 mph wind, 22.18 ft mean hgt, ASCE 7-02, PART.\_ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf. lw-1.00 GCpi(+/-)=0.55 3X5≡ 00 10 0 Aug 09 9 4 X 5 ₩ 13-0-0 3X4 III 00 2 0 R-1151 U-381 W-4" 4X4(B1) = BC DL SPACING ВС TC DL DUR.FAC. C TOT.LD. FL/-/4/-0 \_ 0 6 24.0" 1.25 40.0 10.0 20.0 /-/R/-10.0 PSF 0.0 PSF PSF PSF PSF **⊕**\_18-4-12 DATE JREF-FROM SEQN REF HC-ENG DRW HCUSR8228 07221026 Scale R8228-=.1875"/Ft. 1T9Q8228Z01 DF/DF 43101 08/09/07 37691

Top chord 2x6 SP #2 :T3 2x4 SP #2 Dense: Bot chord 2x6 SP #2 Webs 2x4 SP #3

110 mph wind, 20.68 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. lw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures

Left end vertical not exposed to wind pressure.

hip supports 7-0-0 jacks with no webs

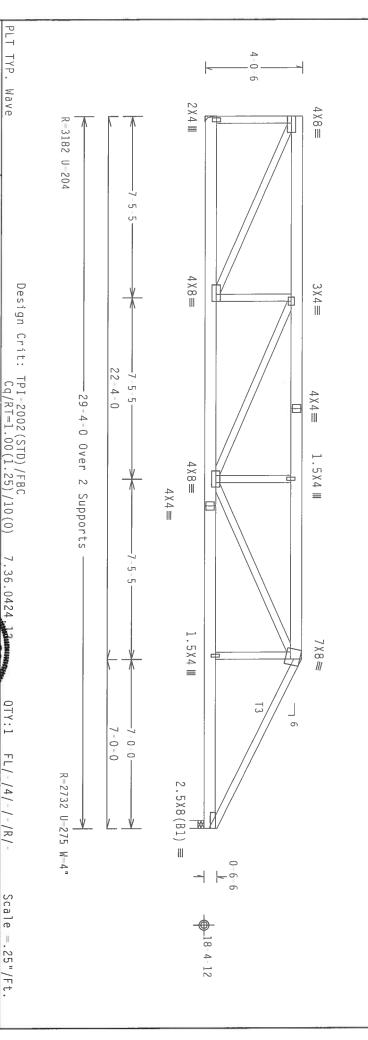
Deflection meets L/240 live and L/180 total load. factor for dead load is 1.50. Creep increase

## COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d Box or Gun\_(0.128"x3.25",\_min.)\_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails
in each row to avoid splitting.

Max JT VERT DEFL: LL: 0.12" DL: 0.24" recommended camber 3/8"

In lieu of structural panels use purlins to brace all flat TC @ 24"  $\,$  0C.



Haines City, FL 33844
FL ale of the autom # 67 ALPINE

TYP.

Wave

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BUILDING DESIGNER PLR ANSI/TP1 1 SEC

\*\*\*\*MARNING\*\*\* RRUSSES REQUIRE CYREFIE CARE IN FABRICATION. PAROLICE, PHYLAIDE STRUCK, INSTALLING AND BRACHIG.
REFER TO BEST (MULTIDIA COMPONENT SACETY INFORMATION). PRINCIPLES FOR CHURCH OF AMERICA.
HORSH HEE SHELL, SUITE 312, ALEXANDRIA, VA. 22314) AND MICA, MODO TRUSS FOR CHURCH OF AMERICA.
HORSH HEE STRUCK, PADISON, WILL MASSIPP). FOR SACETY PRACTICES FOR THE PROPERTY AND BOFFOR CHORD SHALL HAVE
UHLERNISC LINDICATED FOR THE SERVICE FOR THE STRUCK PROPERTY ATTACHED STRUCKINAL PARELS AND BOFFOR CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

/10(0)

.36.0424

TC LL

20.0

PSF

REF

37692

FL/-/4/-

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Scale = .25"/Ft. R8228-

\*\*IMPORTANT\*\*TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN; MY FALINE TO BUILD THE TRUSS IN CONTORNANCE WITH IP: OR FAREIGNATHG, IMMOLITHE, SHINDFING, INSTALLING A BRACING OF TRUSSES.
DESIGN CONFORTS WITH APPLICABLE PROVISIONS OF NOS (MALIUNAL DESIGN SPEC, BY ATRAY) AND IPI. THE BCG CONNECTION PLATES ARE MODE OF ZOTIBLISHOA (M. 1935, MATH MASS OBANCE MODEON (M. K.M.SS) GALV SIEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION FOR DRAWHINGS 160A Z

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE THE SULFABILITY AND UNLESS OTHERHISE LOCATED ON THIS DESIGN, POSITION PER DRAWHES 160A Z BY (1) SHALL IN FRE ANNEX AS OF TP11 2002 SEC.3. A SEAL ON THIS PROVESSIDNAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPOUNDED. BUILDING RESPONSIBILITY OF

BC LL BC DL DUR.FAC. TC DL SPACING TOT.LD. SEE ABOVE 1.25 40.0 10.0 10.0 PSF 0.0 PSF PSF PSF DATE JREF-FROM SEQN-HC-ENG DRW HCUSR8228 07221027 1T908228Z01 DF / DF 08/09/07 42989

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

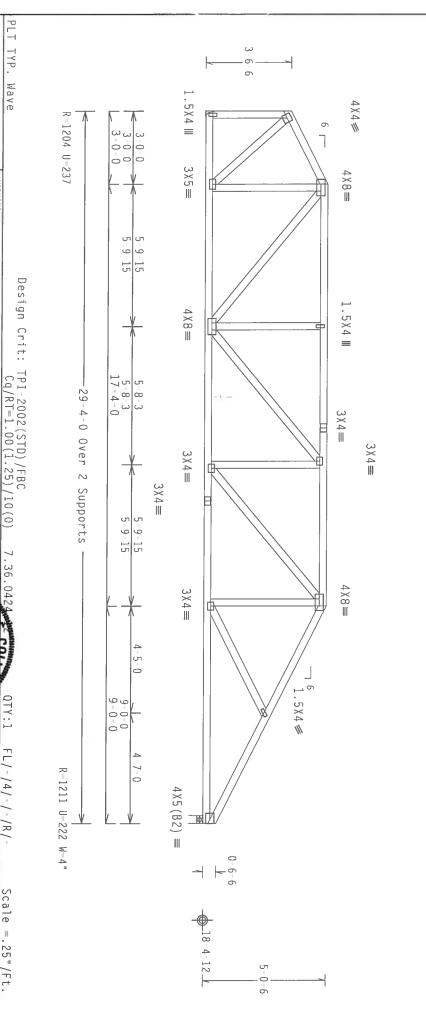
Wind reactions based on MWFRS pressures

Left end vertical not exposed to wind pressure.

110 mph wind, 21.18 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18

In lieu of structural panels use purlins to brace  $0\ensuremath{\text{C}}.$ all flat TC @ 24"

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



\*\*WARNING\*\* TRUSSES REDUTRE EXTREME FARE IN FARRICATION, DANDLING, SHIPPING, INSTALLING AND BRACING.

BETER TO BEST (BRILDING COMPORED SAFETY INFORMATION), PUBLISHED BY THE (TRUSS PLATE INSTITUTE, 218

MORTH LEE STREET, SUITE 127. ALEXANDRAL, NA. 2221A) AND UTCA (MODD TRUSS COUNCEL) OF AFREFACA. 6300

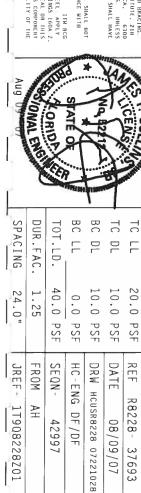
ENTERPRISE LAME, MADISON, HI 53/19) FOR SAFETY PRACTICES PRIOR TO PERFORMING THIS FUNCTIONS. UNLESS

BINEMALSE INDICATED FOR CHARD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE
A PROPERLY ATTACHED RIGHO EXILING.

\*\*IMPORTANT\*\*\*HIRRISH A COPY OF THIS DESIGN ID THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BHILD THE TRUSS IN COMPORMANCE WITH PICOR FARREACHING, ANDLUIG, SHEPPIG, HISFALLING A BRACHING OF TRUSSES, DESIGN OF TRUSSES, DESIGN OF THE PICOR FARREACHING, ANDLUIG PROVISIONS OF HIDS (MATIONAL DESIGN SPEC, BY ATRA) AND PIL. THE RESPONSIBLE APPLY PLATES TO LACH FACE OF TRUSS AND. HIMLES OTHERWISE LOCATED ON HIMS DESIGN, POSITION PER DWAHLINGS 160A Z. ANY HISFECTION OF PLATES OF TOLORED BY (1) SHALL BE CREATER AND PLATES OF THE TRUSS ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBLLITY SOLELY FOR THE TRUSS CORPORED DESIGN FOR SHOWN THE SHIJABLLITY AND HIS OF THIS SCHOOL SHOWN THE SHIJABLLITY AND HIS OF THE SHOWN THE SHIJABLLITY AND HIS OF THE SHOWN THE SHIJABLLITY OF THE SHIJABLLITY OF THE SHIJABLLITY OF THE SHIJABLLITY AND HIS OFFICE OF THE SHIJABLLITY AND HIS OFFICE OF THE SHIJABLLITY OF THE SHIJABLLITY AND HIS OFFICE OF THE SHIJABLLITY AND HIS OFFICE OFFICE OFFICE OF THE SHIJABLLITY OF THE SHIJABLLITY OF THE SHIJABLLITY AND HIS OFFICE OFFICE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Continuate of Authoritation # <<7

ALPINE



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Scale = .25"/Ft.

37693

Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 Haines City, FL 33844
FL Confirmate of Authoritation # 467 Left end vertical not exposed to wind pressure. Wind reactions based on MWFRS pressures PLT TYP. (7 227 WADE WILLIS CONSTRUCTION 6 ALPINE Wave 1.5X4 III 3×5/ R=1204 U=243 ഗ 0-0 0 \*\*IMPORTANT\*\*TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. IT'N BCG, THC, SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY EXCHANGE HITH TPI; OR FARELGHIGH, INMOLIGH, SHIPPING, HISALLING & BRACHE OF TRUSSES.

DESIGN CONFIDENT HIG. HANDLIGH, SHIPPING, HISALLING & BRACHE OF TRUSSES.

DESIGN CONFIDENT HIM. APPLICABLE PROPISSONS OF MDS (MATIONAL DESIGN SPEC, BY ATRA) AND FPI. THE COMMITTION FLORE FOR THE APPLICABLE PROPISSONS OF MDS (MATIONAL DESIGN SPEC, BY ATRA) AND FPI. THE COMMITTION FLORE ARE HAD OF 79/18/108 OF MDS (MATIONAL DESIGN SPEC, BY ATRA) AND FPI. THE PROPISSONS OF MDS (MATIONAL DESIGN SPEC, BY ATRA DESIGN SPEC \*\*WARNING\*\* IRUSSES REDURE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RETER TO BEST (MULICING COMPONED) SAFETY HOMENATION, DEBLISHED BY THE (TRUSS PLATE HISTIDUIT, 210 HORNI LE SHREET, SHIFE 317, ALEXANDRIA, VA, 22314) AND MICA (MODO TRUSS COUNCIL OT AMERICA, 6300 ENTREMENTS ILORI, SHIFE 317, ALEXANDRIA, VA, 27314) AND MICA (MODO TRUSS COUNCIL OT AMERICA, 6300 CHIERPISE ILORICATION HOR STALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE BUILDING DESIGNER PER ANSI/IPI I SEC. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGI DESIGN SHOWN. THE SUITABILITY AND USE OF THIS C 0 2.5X6= 4 X 8 ≡ The Haley Design Crit: 00 \* 0 "MHERMISE LOCATED ON THIS DESIGN, POSITION PER RAMHIRS 160A Z SWALL BE FER ANNEX A3 OF TPIT 2002 SEC.3. A SEAL ON THIS OWAL ENGINEERING RESPONSIBILITY SOLELY FOR THE RUSS COMPODERTH OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE H118) TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 1.5X4 III 13-4 4 X 8 == 29-4-0 Over 0 2 Supports α 0  $3 \times 4 \equiv$ In lieu of structural panels use purlins to brace  $0\ensuremath{\varepsilon_{\mathrm{c}}}$ 110 mph wind, 21.68 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. Iw=1.00 GCpi(+/-)=0.18 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. 3 X 4 ≡ 4 X 8 = Aug 10 Ö 3×4₩ 1.5X4 III -0-0 BC LL TC DL SPACING DUR.FAC. BC DL TC TOT.LD. FL/-/4/-/-/R/ R=1211 U=229 W=4" 4X4(B1) 40.0 10.0 20.0 24.0" 1.25 10.0 PSF 0.0 a ] ] PSF PSF PSF PSF 9:9:0 flat TC @ 24" JREF -DATE REF FROM SEQN-DRW HCUSR8228 07221029 HC-ENG Scale = .25"/Ft. located psf, **⊕** 18 4 12 <u>↓</u> R8228- 37694 1T908228Z01 DF / DF 08/09/07 43008 6 6

(7-227 WADE WILLIS CONSTRUCTION The Haley H13B)

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

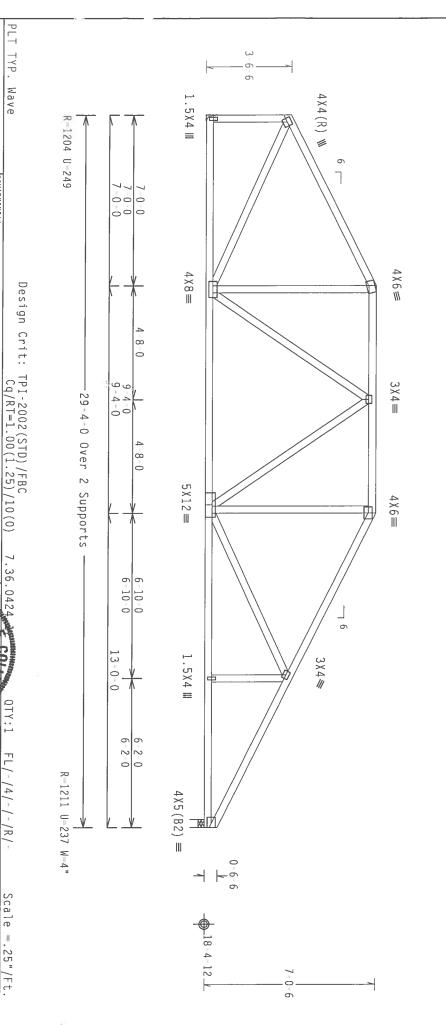
Wind reactions based on MWFRS pressures.

Left end vertical not exposed to wind pressure.

110 mph wind, 22.18 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. Iw=1.00 GCpi(+/-)=0.18 located psf.

In lieu of structural panels use purlins to brace  $\ensuremath{\mathsf{OC}}\xspace$  . all flat TC @ 24"

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, INAUDITNG, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TET (TRUSS PLATE INSTITUTE, ZIB HORH (LEE STREET, SUITE 312, ALEXANDRIA, VA. ZZ314) AND HICA (MODO TRUSS COUNCIL OF AMERICA, 6300 ETHERPRISE LOADE, MAISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING INESE FUNCTIONS. UNLESS OHHERMISE INDICALED TO PUBBOS 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 = .25"/Ft.

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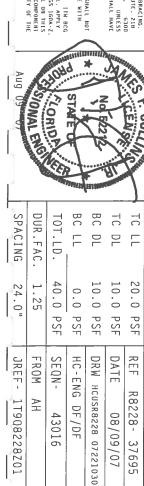
08/09/07 37695 PLT TYP.

Wave

\*\*IMPORTANT\*\*\*URMISH A COPY OF THIS DESIGN 10 THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILTO THE FIRMS IN COMPORMANCE WITH PI; OR FARRICATING, MANUFLING, SHAPPING, HISTALLING A BRACHEW OF TRUSSES. DESIGN AFRAYAMO IPI. THE BCG CONVECTION PARTES ARE MADE OF 20/18/16/06 (M. V.) MASS GALV. SIEEL. APPLY PIATES TO EACH FACE OF TRUSSES AND. UNLESS DIMERNISE LECALED ON THIS DESIGN, POSITION PER DRAWHUSS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANHEX 3 OF 1F11 2002 SEC. 3. A SEAL ON THIS DRAWHUS THE AND THE SHAPPING THE

BUILDING DESIGNER PER ANSI/TPI 1

ALPINE



DF / DF 43016

1T908228Z01

Top chord 2x4 SP | Bot chord 2x4 SP | Webs 2x4 SP | :Lt Wedge 2x4 SP | Haines City, FL 33844
FL Cartificate of Authoritation # SCT In lieu of structural panels use purlins to brace all flat TC @ 24"  $\,$  0C. PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is  $1.50\,.$ 7-227 WADE WILLIS CONSTRUCTION 0-6-6 ALPINE Wave 5 X 5 (B2) R-1681 U-152 W-4" P #2 Dense P #2 Dense P #3::Rt Wedge 2x4 \$ ||| \*\*IMPORTANT\*\*TURNISH A COPY OF THIS DESIGN 10 THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HILS DESIGN, ANY FAILURE TO BUILD HIL TRUSS IN COMPORMANCE WITH TP:; OR FARELATING, IANDLILO, SHEPPLING, INSTALLING & BRACING OF TRUSSES.

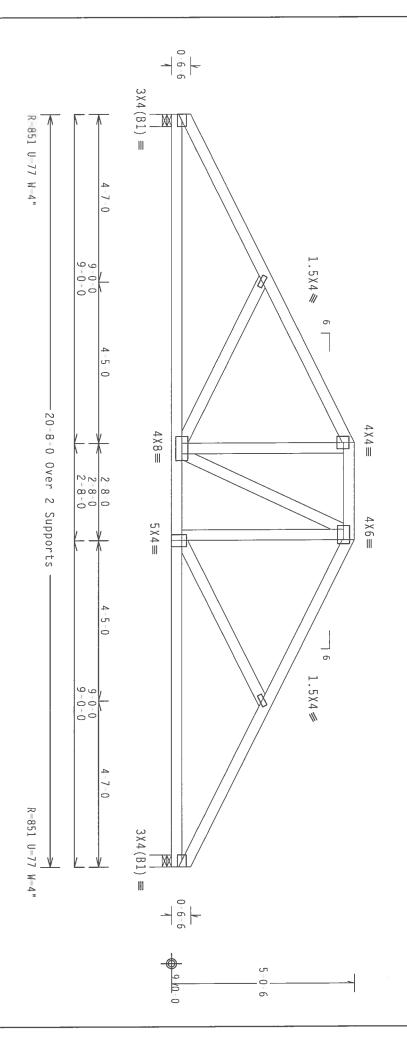
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AFRAY AND TP:, THE BCG CONNECTOR TLATES ARE MADE OF 201/19/1604, AVAILASS, ASTH AGS JEANE 40/50 (M. K/H.SS) AGAIL STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSTITION FOR DRAWINGS 160A-Z \*\*MARNING\*\* TRUSSES BROURE CYREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST (RUSS PLATE INSTALLING AND BRACING, REFER TO BEST (RUSS PLATE INSTITUTE, 718 HORST HATE TO BEST (RUSS PLATE INSTITUTE, 718 HORST HATE TO BEST AND AND ATTA, (MODO TRUSS COUNCIL OF AMERICA, 6300 EUTCEPPENS LANE, HADSSON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERHIST HOUSEAGED OF CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL BEGDES OF THE SHALL BE THE BUILDING DESIGNER PER 6 SP The Haley 7-0-0 0 #3 Design Crit: H7C) 4 X 6 ≡  $3 \times 4 \equiv$ TPI-2002 (STD) /FBC Cq/RT=1.00(1.25) /10(0) 20-8-0 22 SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT OF THE Over 2 Supports 6-8-0 6-8-0 3X4 =Wind reactions based on MWFRS pressures 110 mph wind, 15.00 ft mean hgt, anywhere in roof, CAT II, EXP B, psf. Iw=1.00 GCpi(+/-)=0.18 #1 hip supports 7=0=0 jacks with no webs  $4 \times 4 =$ Ö 3 X 4 ≡ 4 X 6 ≡ CORION ASCE 7-02, CLOSED bldg, Located wind TC DL=5.0 psf, wind BC DL=5.0 7-0-0 BC DL ВС TC DL TC LL SPACING DUR.FAC. TOT.LD, FL/-/4/-/-/R/ 6 SEE ABOVE R=1681 U=152 W-4" 40.0 10.0 20.0 1.25 10.0 PSF 0.0 5X5(B2) =PSF PSF PSF PSF FROM SEQN-DATE REF JREF -HC-ENG DRW HCUSR8228 07221031 Scale = .375"/Ft. 0-6-6 R8228-1T908228Z01 DF / DF 42836 08/09/07 37696

Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 (7-227 WADE WILLIS CONSTRUCTION The Haley H9C) 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. Iw=1.00 GCpi(+/ )=0.18 located psf,

In lieu of structural panels use purlins to brace all flat TC @ 24"  $\,$  0C.

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

Wind reactions based on MWFRS pressures



\*\*WARNING\*\* TRUSSES BYOUIRE EXTRIPHE CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BOSI (BUILDING COMPODURH SAFELY IMPORATION), PUBLISHED BY TEL (FUSS PLAIF INSTITUTE, ZIB MONTH LET STREET, SHIPE 31Z, ALEXANDRIA, VA. ZZ314) AND HEA (HOOD TRUSS COUNCIL OF AMEDICA, 6300 ENTERPRISE LANE, MADISON, HI 5379) FOR SAFELY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OHIGHNESS INDICALED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. TPI=2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

Design Crit:

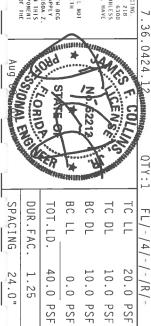
PLT TYP.

Wave

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, FOR FAREACHING, HANDLING, SHEPPING, HISTALLING A BRACHING OF TRUSSES, DESIGN CONTROLATION, HANDLING, SHEPPING, HISTALLING A BRACHING OF TRUSSES, DESIGN CONTROLATION, HANDLING, SHEPPING, HISTALLING A BRACHING OF TRUSSES, DESIGN CONTROLATED OF THE SECONDARY OF THE S

Haines City, FL 33844
FL Continuate of Authoritation # 567

ALPINE



PSF

JREF -FROM SEQN-HC-ENG

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DATE REF

08/09/07

Scale = .375"/Ft.

R8228- 37697

DRW HCUSR8228 07221001

DF / DF 42842

Aug

SPACING

24.0"

JRFF-

1T908228Z01

SPACING

SEE ABOVE

JREF-

1T908228201

Haines City, FL 33844
FL Continuate of Authoritation # 667 PLT Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 #1 hip supports 5-0-0 jacks with no webs. Wind reactions based on MWFRS pressures. (7 227 WADE WILLIS CONSTRUCTION The Haley TYP. 0-6-6 ALPINE Wave 4X5 (B2) ≡ R=1237 U=112 W=4" 6 \*\*IMPORTANT\*\*TURNISH A COPY OF IHIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMFORMANCE WITH IPI, OR FARBITATION, MADILING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS (NATIONAL DESIGN SPEC, BY AFAFA) AND IPI.

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DRAWLING INDICATES. ACCEPTANCE OF PROFESSIONAL ENGINEERING RE PLATES TO EACH FACE OF TRUSS AND. 5-0-0 0-0-0 1.5X4 III Design Crit: 4 X 8 ≡ UNLESS OTHERHISE LOCATED ON THIS DESIGN, POSITION PER DRAWLINGS 160A.
BY (1) SHALL BE PER ANNEX AS OF TPI1 2002 SEC.3.
A SEAL ON THE PROFESSIONAL FERD SECREPORTS AS A SEAL ON THE THESE COMPONENT AND USE OF THIS ENCOURS IN \* H5D) TPI-2002 (STD) /FBC Cq/RT=1.00(1.25) /10(0) 18-8-0 Over 2 Supports 1.5X4 III 4 X 8 ≡ 8-8-0 ⊒  $3 \times 4 =$ 110 mph wind, 15.00 ft mean hgt, anywhere in roof, CAT II, EXP B, psf. Iw=1.00 GCpi(+/-)=0.18 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. In lieu of structural panels use 0c. 7.36.0424 1.5X4 III 4 X 8 ≡ STATE O σ σī 0-0 -0-0 ASCE 7-02, CLOSED bldg, Located wind TC DL=5.0 psf, wind BC DL=5.0 purlins to R=1237 U=112 W=4" BC DL DUR.FAC. B C TC DL SPACING TC LL TOT.LD. FL/-/4/-/-/R/-4X5(B2) = W SEE ABOVE brace 40.0 1.25 10.0 PSF 20.0 PSF 10.0 PSF 0.0 a]] PSF PSF flat TC @ 24" JREF-FROM SEQN-DATE REF HC-ENG DRW HCUSR8228 07221033 Scale =.375"/Ft. 9-0-0 R8228- 37700 1T908228201 DF / DF 43036 08/09/07



PLT TYP.

Wave

Design Crit:

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

\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN TARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RETER TO BEST. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE HISTITUTE, 210 MORTH LEE STREIT, SHITE 317, ALEXANDRIA, VA, 22314) AND HICA (1900) TRUSS COUNCIL OF AMERICA, 6300 ENLIERNESSE LANE, HANSSON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HIESE FUNCTIONS. UNLESS OHIGHNISE HANDSON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HIESE FUNCTIONS. UNLESS OHIGHNISE HANDLES HANDSON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMENG HIESE FUNCTIONS. UNLESS OHIGHNISE HANDLES HANDL

\*\*IMPORTANT\*\*\*URRISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FARM THIS SESSION, ANY FAILURE TO BUILD THE RUSS IN COMPORMANICE WITH IP: OR FARRICALING, INSHULLING, INSTALLING A BRACING OF TRUSSES.

DESIGN COMPORES WITH APPLICABLE PROVISIONS OF HOS (MAITONAL DESIGN SPEC, BY AFAPA) AND IPI. THE BCG CONNECTION PLATES ARE MADE OF 20/18/166A (M.1/55/FK) ASTH A653 GRADE 40/60 (M. K/H.5S) GAVE, SEELL APPLY PLATES TO ELONG THIS SAID. UNLESS OBTURNISE LOCATED ON HITS DESIGN, POSITION PER BRAKHINGS, BGAN Z ANY INSPECTION OF PLATES TOLLOWED BY (1) SMALL BE PER ANNES AND OF IPI1 2002 SEC.3. A SEAL ON THIS SANY INSPECTION OF PLATES TOLLOWED BY (1) SMALL BE PER ANNES AND OF IPI1 2002 SEC.3. A SEAL ON THIS ARY INSPECTION OF PLATES FOILOHED BY (1) SHALL BE FER ANNEX AS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESP A SEAL ON THIS
OR THE TRUSS COMPONENT
RESPONSIBILITY OF THE

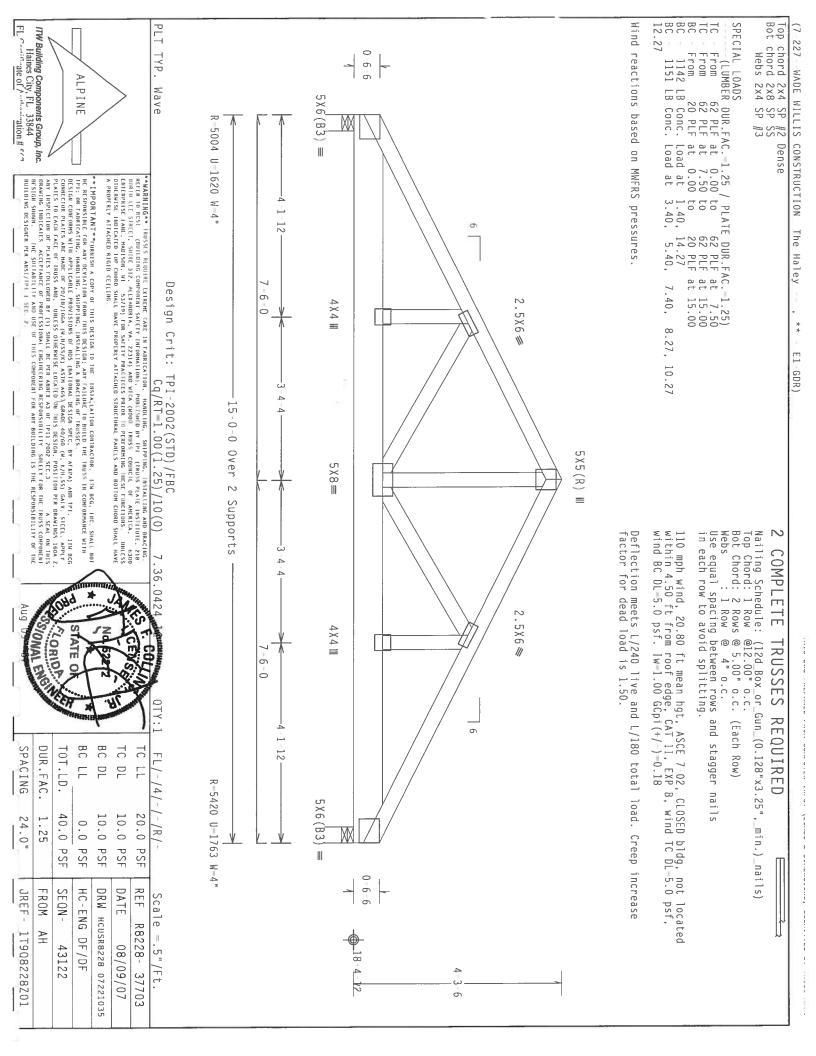
/10(0)BC DL TC DL SPACING DUR.FAC. ВС TC LL TOT.LD. FL/-/4/-/ SEE 40.0 10.0 20.0 1.25 10.0 PSF /-/R/ ABOVE 0.0 PSF PSF PSF PSF DATE REF FROM JREF -SEQN HC-ENG DRW HCUSR8228 07221034 Scale =.375"/ft. R8228-

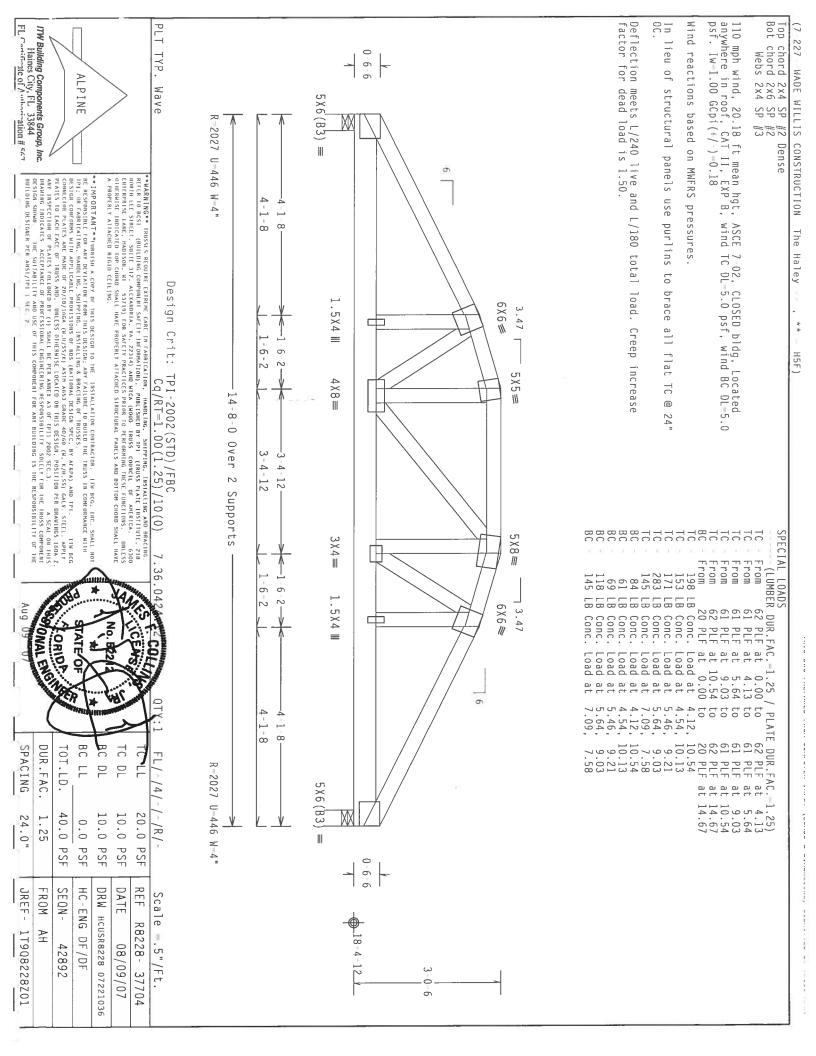
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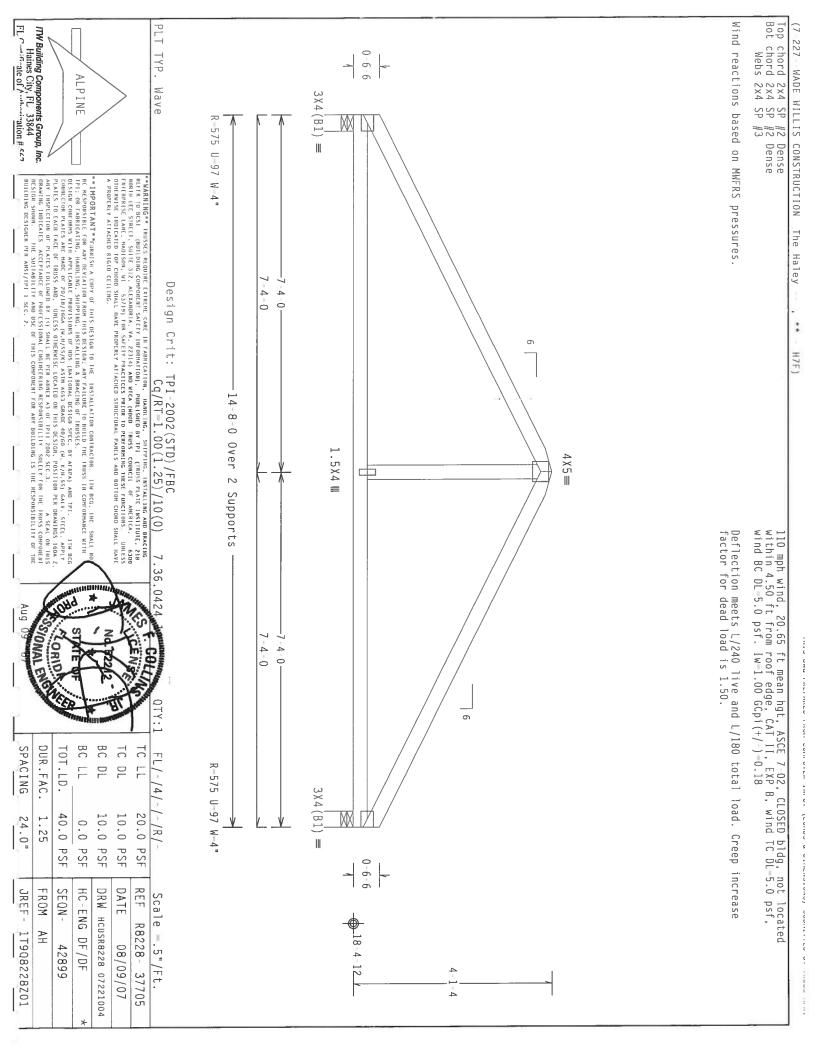
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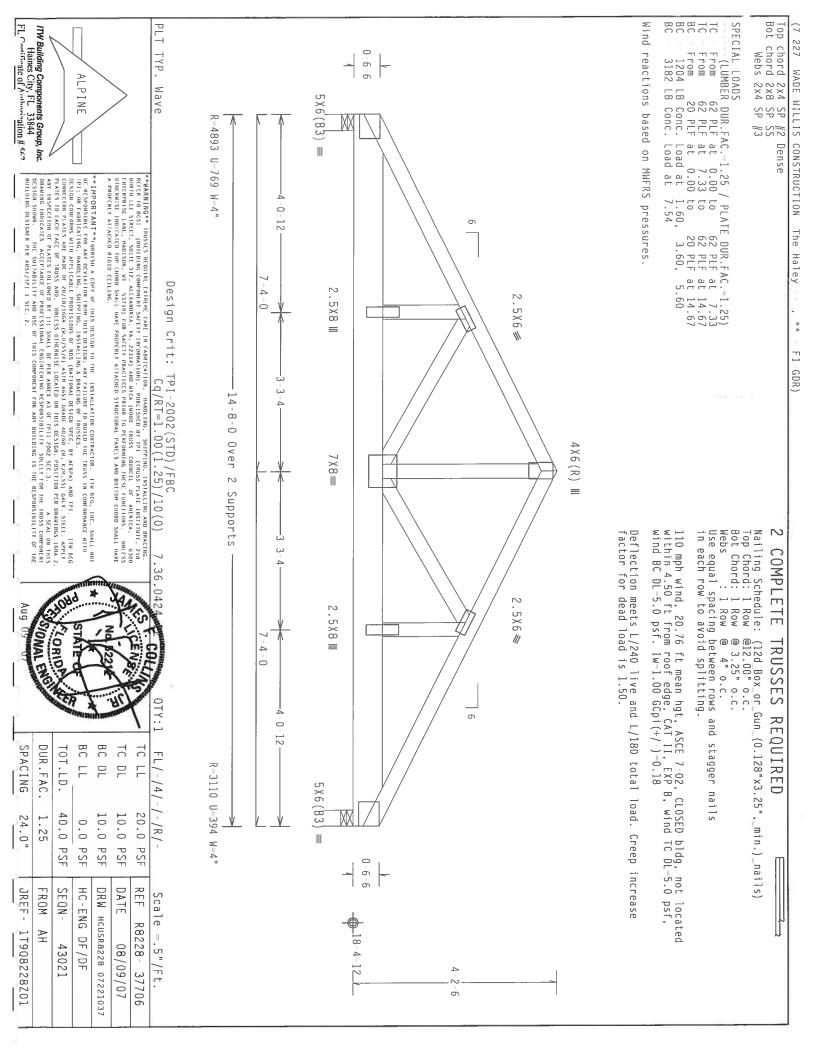
1T908228Z01

Bot chord Truss spaced at 24.0" OC designed to support 2.0 outlookers. Cladding load shall not exceed 10.00 not be cut or notched. Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Stack Chord SC1 2x4 SP #2 Dense:
:Stack Chord SC2 2x4 SP #2 Dense: Haines City, FL 33844 PLT TYP. Note: All Plates Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. In lieu of structural panels use purlins to brace ITW Building Components Group, Inc. (7-227 WADE WILLIS CONSTRUCTION 0 6 6 R-157 ALPINE 3X4(C4) =Wave 3X5 (C4) PLF U=36 PLF ation # 547 2-0-0(NNL) Are 1.5X4 Except As Shown. 0-0 \*\*IMPORTANT\*\*TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE, TO BUILD THE THISSE IN COMPORNANCE WITH THE DESIGN CONTROLLING. INHOULING, SHIPPIDE, HISTALLING A BRACHEG OF THUSSES, DESIGN CONTROLLING, SHOPPIDE, HISTALLING A BRACHEG OF THUSSES, DESIGN CONTROLLING, SHEPIDE, THE BCG CONTROLLING ARE MADE OF ZO/10/1/16GA (M.H/SS/R) ASTH A653 GRADE 40/60 (M.K/M.SS) GALV. STEEL, APPLY PLATES TO TAKES AND. DULESS OTHER MISSES CONTROLLING. POSITION PER DRAWINGS 16GA Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF THIS DOES SEC. 3. A SEAL ON THIS DESIGN SHOPPOWER AND THE SECONDARY OF THE SULLY FOR THE TRUSS COMPONENT DRAWING INDICATES ACCEPTANCE OF FORTESSONAL ENGINEERS AND THIS DESIGN SHOWN. THE SULLABLE OF THE SULLY FOR THE TRUSS COMPONENT DRAWING INDICATES ACCEPTANCE OF FORTESSONAL ENGINEERS AND THIS DESIGN SHOWN. 3X4 / \*\*WARNING\*\* IRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RELTB TO BEST (BUILDING COMPONICH SAFETY INFORMATION), PHULLINGE BY TPI (FRUSS PLATE INSTITUTE, 218 UDBIT LIE, SIDE 317, ALEXANDRIA, VA, 27214) AND NICA (MODO FRUSS COUNCIL OF AMERICA, 6300 CHILBERISE LANE, HAUSSON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PREFORMING HUESE FUNCTIONS. UNLESS OTHERNISE HOUSEAND FOR CHILD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAHELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAHELS AND BOTTOM CHORD SHALL HAVE BUILDING DESIGNER PER ANSI/IPI I SEC. W-15-0-0 The Haley Design Crit: 曲 6 0 PSF. Top chord must TC @ 24" OC -GE) TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 15-0-0 Over Continuous Support 中 4 X 4 == 11 - 0 - 0中 THE ROOF, FLOOR AND CEILING DIAPHRAGMS, GABLE END SHEAR WALLS, AND SUPPORTING SHEAR WALLS. DIAPHRAGMS AND SHEAR WALLS MUST PROVIDE CONTINUOUS LATERAL RESTRAINT TO THE GABLE END. ALL CONNECTIONS ARE TO BE PROVIDED BY THE BUILDING DESIGNER. 110 mph wind, 20.52 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. lw=1.00 GCpi(+/-)=0.18 Wind reactions based on MWFRS pressures See DWGS A11030EE0207 & GBLLETIN0207 for more requirements BUILDING DESIGNER IS RESPONSIBLE FOR THE DESIGN OF .36.042 Aug 09 VIONAL ENGINEER CORIOR STATE 6 0 6 BC DL BC LL TC DL DUR.FAC. TC LL 3 \ 4 \ ₩ SPACING TOT.LD. FL/-/4/-/-/R/ -0-0 (NNL) 0 0 SEE 3X5 (C4) 40.0 10.0 1.25 10.0 20.0 3X4(C4) =0.0 ABOVE PSF PSF PSF PSF PSF 0-6-6 DATE REF FROM SEQN-JREF -HC-ENG DRW HCUSR8228 07221003 Scale = .5"/Ft. R8228-1T908228Z01 DF / DF 08/09/07 42806 37702 œ









110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi( $^4/^-$ )=0.18 Top chord 2x4 SP #2 Dense Bot chord 2x6 SP #2 Webs 2x4 SP #3 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. FL Cariffage of humaniation # 507 PLT TYP. (7 227 WADE WILLIS CONSTRUCTION The Haley ALPINE Wave 0-6-6 BUILDING DESIGNER PER ANSI/TP1 1 SEC. 2. PLATES TO EASH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON HITS DESIGN, POSITION PER DRAWHUES 160A ANY INSPECTION OF PLATES FOLLOWED BY (1) SHAKL BE PER ANNER AS OF TIPIT 2002 SEC. 3. A SEAL ON HIT DRAWHG HUDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOURLY FOR THE TRUSS COMPONEN \*\*\*IMPORTANT\*\* truntist a cory of this destal to the lussaliation contractor. The acc, inc. shall not be responsible for any destaliation from this destale, and valuate to build he frust in component with the first one cape the responsible for the state of the stat 3X4(A1) =R=1155U = 51Design Crit: W=4" ហ្វ -2-02-0 GI -GDR) TPI=2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 10-4-0 0ver 3 X 6 III 4 X 4 == 2 Supports Wind reactions based on MWFRS pressures. SPECIAL LOADS From 62 PLF a From 62 PLF a From 20 PLF a 292 LB Conc. L (LUMBER DUR.FAC.=1.25 / PL rom 62 PLF at 0.00 to rom 62 PLF at 5.17 to rom 20 PLF at 0.00 to 5-2-0 -5 2 0 6 R-1155 U-51 W-4"  $3X4(A1) \equiv$ 5 / PLATE DUR.FAC.=1.25)
00 to 62 PLF at 5.17
17 to 62 PLF at 10.33
00 to 20 PLF at 10.33
t 1.90, 3.90, 5.17, 6. BC LL TC DL BC DL TC LL 9-9-0 SPACING DUR.FAC. TOT.LD. FL/-/4/-/-/R/-20.0 9-0-0 40.0 10.0 24.0" 1.25 10.0 PSF 0.0 6.44, PSF PSF PSF PSF 8.44 JREF-DATE REF FROM SEQN-DRW HCUSR8228 07221038 HC-ENG Scale = .5"/Ft. R8228- 37707 1T908228Z01 DF / DF 42798 08/09/07 6

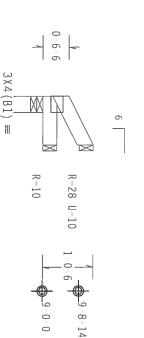
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Stack Chord SC1 2x4 SP #2 D
:Stack Chord SC2 2x4 SP #2 D Top chord THE BUILDING DESIGNER IS RESPONSIBLE FOR THE DESIGN OF THE ROOF, FLOOR AND CEILING DIAPHRAGMS, GABLE END SHEAR WALLS, AND SUPPORTING SHEAR WALLS. DIAPHRAGMS AND SHEAR WALLS MUST PROVIDE CONTINUOUS LATERAL RESTRAINT TO THE GABLE END. ALL Truss spaced at 24.0" OC designed to support 2–0–0 top chord outlookers. Cladding load shall not exceed 10.00 PSF. Top chord must Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. FL Cartificate of Authorization # 547 CONNECTIONS ARE TO BE PROVIDED BY THE BUILDING DESIGNER In lieu of structural panels use purlins to brace not be cut or notched. ITW Building Components Group, Inc. 227 WADE WILLIS CONSTRUCTION TYP. ALPINE Wave 0-6-6 R=151 PLF U=67 \*\*IMPORTANT\*\*\*GRRISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL WE BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN TO THE FRUSS IN COMPORMANCE WITH IP: OR FARBLECHING, HADDLING, SHEPPING, HISALLING & BRACKING OF TRUSSES.

DESIGN CONTRACTOR THAT APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY ATAPA) AND IPI.

CONNECTOR PLATES ARE MADE OF 20,187/166A (H.H/SS/K) ASTH A653 GRADE (40/60 (H.K/M.SS) GAVE-STEEL, APPL.) \*\*WARRING\*\* TRUSSES REQUIRE EXTREME CARE IN FARRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING. RETER TO BEST. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IPI (TRUSS PLAIE INSTITUTE, ZIB NORTH LEE STREET, SUITE IZZ ALEXANDRIA, NA, 22214) AND SHEAR GROOD TRUSS COUNCEL OF AMERICA. 6300 CHIETERRISE LANE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERNISE INDICATED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CELLING. 3X4(C4) =BUILDING DESIGNER PER ANSI/TPI 1 ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TPID 2.
DRAWLING INDICATES. ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY PLATES TO EACH FACE OF Dense: 3X5 (C4) The Haley 0-0 (NNL) PLF 0-0 3X4 # W-10-4-0 Design Crit: AND USE OF THIS BY (1) SHALL BE PER ANNEX AS OF TPIT 2002 SEC.S. A SEAL ON THIS 1C @ -0 .5X4 G-GE) 10-4-0 24" OC 6 TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0) 1.5X4 III Over Continuous Support  $4 \times 4 =$ .5X4 4 ф 0 A SEAL ON THIS
OR THE TRUSS COMPONENT
RESPONSIBILITY OF THE 1.5X4 III Wind reactions based on MWFRS pressures. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. iw=1.00 GCpi(+/-)=0.18 See DWGS A11015EE0207 & GBLLETIN0207 for more requirements 6 .5X4 ഗ 2-0 3 \ 4 \ ₩ 0-0 (NNL 2-0-0 3X5(C4)3X4(C4) =FII BC LL BC DL SPACING TC DL DUR.FAC. TOT.LD. 0-6-6 FL/-/4/-/-/R/-SEE 1.25 40.0 10.0 20.0 10.0 PSF 0.0 ABOVE PSF PSF PSF PSF JREF-SEQN-DATE REF FROM HC-ENG DRW HCUSR8228 07221005 Scal Ф R8228-17908228201 DF / DF =.5"/Ft. 42802 08/09/07 37708

Wind reactions based on MWFRS pressures. Top chord 2x4 SP Bot chord 2x4 SP (7 227 WADE WILLIS CONSTRUCTION #2 Dense #2 Dense The Haley \* 110 mph wind, 15.00 ft mean hgt, anywhere in roof, CAT II, EXP B, psf. Iw=1.00 GCpi(+/-)=0.18 ASCE wind TC DL=5.0 psf, wind BC DL=5.0

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



0.0 Over 3 Supports R 45 W=4"

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

PLT TYP.

Wave

\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FARRICATION. INANDLING. SUIPPING, INSTALLING AND BRACING.

RETER TO BESS. (BUILDING COMPONENT SACTLY INFORMATION). PIBLISHOD BY TPI (TRUSS PLATE INSTITUTE, 218

HORTH LEE STREET, SUITE 122. ALEXANDRIA, VA. 25214) AND HYGA (MODD IRUSS COUNCIL OF AMERICA. 6300

CHITERRISE LANE, MADISON, MI 53719) FOR SACELY PRACTICES PRIOR TO PERFORMING THESE TRUCTIONS. DIMESS

OPPERRISE INDICATED TOP CHARD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE

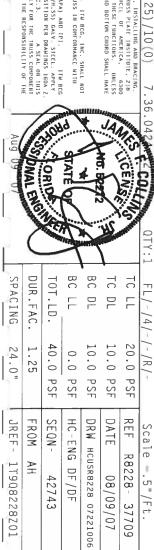
A PROPERLY ATTACHED RIGHD CEILING.

\*\*IMPORTANT\*\*TURBLISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN: ANY FAILURE TO BRILLD HE TRUSS IN COMPORMANCE WITH IP: OR FARBEIGATING, INADILING, SHIPPING, HISFALLING & BRACLING OF TRUSSES.

DESIGN CONTROLATION, AND THE REPOYLSIONS OF HIS SKALLING & BRACLING SPEC, BY AFRYA) AND IP!. ITH BCG CONNECTOR PLATES ARE NOT 6 720/19/IGAG (#. 1/8/SS/) ASTH A 68-3 GRADE 40/160 (#. K/H.-SS) GALV SIETE. APPLY PLATES TO EACH OF TRUSS AND. UNITESS OTHERWISE LOCATED ON HIS DESIGN, POSITION FOR BRAHINGS 160A Z. ANY HISPECTION OF PAULES FOLLOWED BY (1) SHALL BE FER ANNEX AS OF IPIL 2002 SEC.3. ASSA, ON HISS BRAHING INDICALES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILLITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BULLDING IS THE RESPONSIBILLITY OF THE BUILDING DESIGNER FER ANSI/PD 1 SEC. 2.

Haines City, FL 33844
FL --ir-ate of / ...'-ation # era

ALPINE



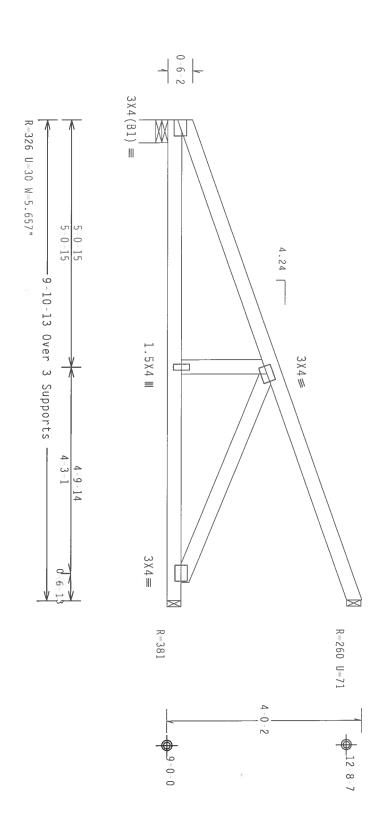
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3

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

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

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



\*\*HARNING\*\* TRUSSES BEQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, RETER TO BEST. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPT (TRUSS PLATE INSTITUTE, 2218 1081) LEE STREIT, SUITE 3175, ALEXANDRIA, VA, 22314) AND NICA (MODO) TRUSS COUNCIL OF AMERICA, 63000 ENTERED STREIT, SUITE 3175, ALEXANDRIA, VA, 22314) AND NICA (MODO) TRUSS COUNCIL OF AMERICA, 63000 ENTERED STREIT, SUITE 3175, ALEXANDRIA, VA, 22314) AND NICA (MODO) TRUSS COUNCIL OF AMERICA, 63000 ENTERED STREIT COUNCIL OF CROBOD STREIT WAS APPORTED FOR COUNCIL OF CROBOD STREIT WAS APPORTED FOR CROBOD STREIT HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD STRALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD STRALL HAVE 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. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH TPI: OR FARBLEACHING, INANLING, SHAPPING, HISTALLING A BRACHING OF TRUSSES, BUSICHE CONFOCRIS HILL APPLICABLE PROVISIONS OF DOS (MATIONAL DESIGN SEC, BY ATRA) AND TPI.

DESIGN CONFECIOR PLATES ARE HADE OF ZO/IB/16GA (H.H/SS/K) ASIH A653 GRADE 40/GO (H. K/M.SS) GALV. STEEL APPLY PLATES TO EACH FACE OF TRUSS AND. UNICES OTHERNISE LOCALED ON THIS DESIGN, POSITION PER DRAHIBLOS 16GA 2. ANY TIRSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ATMEX AS OF TPII 2002 SEC.3. A SEAL ON THIS DESIGN SHALLS ACCUPANCED BY (1) SHALL BE PER ATMEX AS OF TPII 2002 SEC.3. A SEAL ON THIS DRAHIBL SHALLS.

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

Haines City, FL 33844
FL Carifficate of Automation # 607

ALPINE

Aug 7 FL/-/4/-/-/R/-

			STREET, STREET				
	SPACING S	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL
	SEE ABOVE	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
	JREF 1T908228Z01	FROM AH	SEQN- 42773	HC-ENG DF/DF	DRW HCUSR8228 07221039	DATE 08/09/07	REF R8228- 37710

Scale = .5"/Ft.

(7-227 WADE WILLIS CONSTRUCTION The Haley J3)

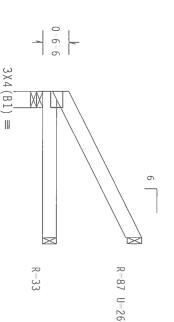
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense

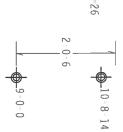
Wind reactions based on MWFRS pressures.

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

times frames a binematous) samitives of those of the

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





R-127 W-4' 3-0-0 Over 3 Supports

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

PLT TYP.

Wave

\*\*WARNING\*\* TRUSSES PROUTRE EXTREME CARE IN FABRICATION, JAMBELING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST (BULLDING COMPONICH SAFETY INFORMATION), PUBLISHED BY FFI (FRUSS PLATE INSTITUTE, 218 HORTH LEE STREIT, SHITE 3175, ALEXANDRIA, VA, 22314) AND MICA (MODED TRUSS COUNCIL OF AMERICA, 6300 ETHERPRISE LAND, MADISON, MI 55719) FOR SAFETY PRACTICES PRIOR TO PERFORMENCE HIESE CUNCITORS. UNLESS OTHERMISE HIDDERS CARE TO BE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PARELS AND BOTTOM CHORD SHALL PARELS AND BOTTO 7.36.042

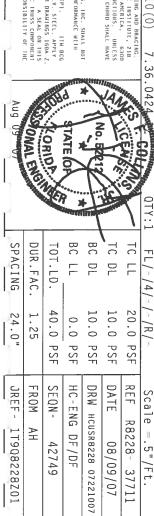
\*\*IMPORTANT\*\*\*DURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, THC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH PT: OR FARBICATIO. HANDLING, SHEPPING, HISTALLING A BRACHE OF TRUSSES.

DESIGN CONTRORS WITH APPLICABLE PROVISIONS OF DDS (MATIONAL DESIGN SECE, BY ARRA) AND TPI. THE BCG CONNECTOR PLATES ARE HADE OF 20/18/166A (M.H/SS/K) ASTH A653 GRADE 40/60 (M.K/M.SS) GALV. SIEEL APPLY LATES TO EACH FACE OF TRUSS AND. UNLESS OFFERNISE LOCATED ON THIS DESIGN, POSITION PER DRAWHIGS 160A Z. ANY HASPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF THIS 200EX SEC. 3. A SEA ON THIS DRAWHIG INDICATES ACCEPTANCE OF PROFESSIONAL ENGLITERS HOR EXPONSIBILITY SOLEY FOR HICE SEASO COMPONENT DRAWNING HOLDERS ACCEPTANCE OF THE STORMAN AND THE SULFACE OF THE SOLEY FOR HICE HASS COMPONENT DRAWNING HOLDERS ACCEPTANCE OF THE STORMAN AND THE SULFACE OF THE SOLEY FOR HICE HAS COMPONENT FOR ANY HASPECTION OF THE SULFACE OF THE SOLEY FOR HICE HAS COMPONENT FOR ANY HASPECTION OF THE SULFACE OF THE SOLEY FOR HICE HAS COMPONENT FOR ANY HASPECTION OF THE SULFACE OF THE SULFACE

Haines City, FL 33844
FL Carifficate of Ambaritation # 567

BUILDING DESIGNER PER ANSI/IPI I SEC.

ALPINE



DF / DF 42749

1T908228Z01

QTY:1

R8228 37711

08/09/07

Top chord 2x4 SP Bot chord 2x4 SP (7 227 WADE WILLIS CONSTRUCTION #2 Dense #2 Dense The Haley \* \* J5)

Wind reactions based on MWFRS pressures.

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

ווודים משח בערבעערה ושמון רמנובמורע זוובחו לרמעהים פ מזוורעיסומעים) פחמעזוורם מו ועמיים ווועי

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

0-6-6 3X4 (B1) 6 R=57R=145 U=41

ىب 0 6 \_11 - 8 - 14 9-0-0

=209 U-1 W-4" 5-0-0 Over 3 Supports

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

PLT TYP.

Wave

\*\*HARNING\*\* HRUSSI'S REDUIRE IXTRIME CARE IN FABRICATION. HANDLING. SHIPPING, INSIALLING AND BRACING.
RUTER TO ECSI.

GBUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218

JOHN IL LE STREET, SUITE 312, ALEXANDRIA, VA. 22314) AND MICA (MODO TRUSS COUNCIL OF AMERICA. 6300

CHIERRESE LAME, HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS

BIHLBRISE HOLGALED NO FORODE SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE
A PROPERLY ATTACHED RIGID CELLING. 7.36.042

\*\*IMPORTANT\*\*FURMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, ING, SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, THE TRUSS IN COMPORMANCE WITH IPI; OR FLAREACHING, HANDLING, SHIPPIDLO, HUSTALLING, A BRACILIG OF FRUSSES.

DESIGN CONFIDENCY HITH APPLICABLE PROPVISIONS OF MBS (MATIONAL DESIGN SPEC, BY ATRA) AND IPI. THE BCG COMMICCION PLATES ARE HAND. OF 70/18/16/66, (H.H/SS/K), ASIH A653 GRADE 40/60 (W. K/M.SS) GALV SITEL, APPLY PIATES TO EACH FACE OF TRUSS AND. UNICES OTHER SEC. DATE DO NOT HIS DESIGN, POSITION PER DRAWHING SIGN.A.Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX AS OF IPI1 2002 SEC. 3. A SEAL ON THIS DESIGN SHALLS AND THE SECONOMERS AND THE

BUILDING DESIGNER PER ANSI/TPI 1 SEC.

Haines City, FL 33844
FL Considerate of Australian # 567

ALPINE

SPACING BC DL BC LL TC DL TC LL DUR.FAC. TOT.LD. 40.0 10.0 20.0 24.0" 1.25 10.0 PSF 0.0 PSF PSF PSF PSF

JREF -FROM SEQN-

1T908228Z01

QTY:1

FL/-/4/-/

-/R/-

Scale = .5"/Ft.

R8228- 37712

DATE REF

08/09/07

HC-ENG DF/DF

42753

DRW HCUSR8228 07221008

Wind reactions based on MWFRS pressures. Top chord 2x4 SP Bot chord 2x4 SP Haines City, FL 33844
FL Cariffalte of A contraction # 577 PLT TYP. (7 227 WADE WILLIS CONSTRUCTION ALPINE Wave #2 Dense #2 Dense 0-6-6 \*\*IMPORTANT\*\* FIRMITSH A CREY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SMALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH FILE RESPONSIBLE FOR ANY DEVIATION. SIMPLIFY, ANY FAILURE A BRACHE OF TRUSSES, DESIGN CONTROPS WITH APPLICABLE PROVISIONS OF THIS CREATED SEED, WATERA, AND TRI. DESIGN CONTROPS WITH APPLICABLE PROVISIONS OF THIS CREATED ON THIS DESIGN SEED, WATERA, AND TRI. SEED OF 20/18/166A (W.H/SS/K) ASH A653 GRADE 40/60 (M. K/M.SS) GALV. SIETL APPLY PLATES TO CACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWHES 160A. Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SMALL BE PER ANHER AS OF THIS 200E SEED. A SEAL ON THIS BRAHME INDICALES ACCEPTANCE OF PROFESSIONAL ENGINEERING AS THE TRUSS COMPONENT DESIGNATION OF PLATES FOLLOWED BY (I) SMALL BE PER ANHER AS OF THIS 200E SEED. A SEAL ON THIS BRAHME INDICALES ACCEPTANCE OF PROFESSIONAL ENGINEERING AS THE FRESPONSIBILITY OF THE DESIGNATION OF THE PLATE OF THE TRUSS COMPONENT DESIGNATION OF THE SECONDARY OF THE PLATE OF THE TRUSS COMPONENT DESIGNATION OF THE SECONDARY O \*\*WARNING\*\* NUSSES REQUERE CYREKE CARE IN FARRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING. RECTRE TO BEST. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPT (TRUSS PLATE INSTITUTE, 210 MORTH LEE STRET, SHITE 317, ALEXANDRIA, VA. 22314) AND MICA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. JHLESS OTHERWISE HOLDSKAFETO FOR COMED SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF IPII 2 DRAWING INDICALES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY TO USE OF THIS SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILD BUILDING DESIGNER PER ANSI/IPI 1 SEC. 2. 3X4(B1) =R 292 U 3 W 4" The Haley Design Crit: 7-0-0 Over 3 Supports EJ7) TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 6 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi (+/-)=0.18 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. R-82 R-203 U-57 4 6 SPACING BC LL BC DL TC LL DUR.FAC. TC DL TOT.LD. FL/-/4/-/-/R/ 40.0 1.25 20.0 PSF 24.0" 10.0 PSF 10.0 PSF 0.0 PSF PSF JREF-FROM SEQN-DATE REF HC-ENG DRW HCUSR8228 07221009 Scale =.5"/Ft. R8228- 37713 1T908228Z01 DF / DF 42758 08/09/07

Wind reactions based on MWFRS pressures. Top chord 2x4 SP Bot chord 2x4 SP ITW Building Components Group, Inc. Haines City, FL 33844 FL Continuate of Authoritation # 567 PLT TYP. (7-227 WADE WILLIS CONSTRUCTION ALPINE Wave #2 Dense 0-6-6 \*\*IMPORTANT\*\*CHRHISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BC RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN, ANY TALINEE TO BUILD THE RUSSS IN CONTONHANCE WITH IP: ON FARRICALING, NUMBERING, INSTALLING & BRACHEG OF RUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HDS (NATIONAL DESIGN SPEC, BY AFAPA) AND IPI. ITW BC CONNECTION FLATES ARE MADE OF ZOTORISCH ALLINGS, AND ASSOCIATED AND ASSOCIATED ON THE RESPONSION OF THE REPORT OF THE PROVISIONS OF HDS (NATIONAL DESIGN SPEC, BY AFAPA) AND IPI. THE CONNECTION FLATES ARE MADE OF ZOTORISCH ALLINGS OF THE REPORT OF THE REPORT OF THE PROVISIONS OF HDS (NATIONAL DESIGN SPEC, BY AFAPA) AND IPI. THE PROVISIONS OF HDS (NATIONAL DESIGN SPEC, BY AFAPA AFAP \*\*MARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, IMPOLICE, SHIPPING, INSTALLING AND BRACING. RETER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), POPULISHED BY TPI (TRUSS PLATE INSTITUTE, 210 HORTH LEE SIREET, SUITE 317, ALEXANDRIA, VA, 22314) AND STIC, HORD TRUSS COUNCIL OF AMERICA, 6300 CHILERAPISE LAME, MAISON, STIPPING SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERALISE INDICATED TO PROBE SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CEILING. PHATES OF EACH FACE OF TRASS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSTION FOR BRANCH ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANNEX AS THE TRASS SEC.3. A SEC. BRANCH OF PROFESSIONAL FOR DEBATH OF A SEC. BRANCH OF THE TRASS SEC. BRANCH OF THE TRANSPORT OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 3X4(B1) =292 U 3 The Haley Design Crit: 7-0-0 Over 3 Supports EJ7A) TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 6 SEAL ON 110 mph wind, 15.00 ft mean hgt, ASCE 7–02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. 7.36.0424 R-82 R-203 U-57 CANO 4 9 QTY:1 12 8 14 SPACING BC LL BC DL TC DL TC LL DUR.FAC. TOT.LD. FL/-/4/-/-/R/-40.0 20.0 10.0 PSF 24.0" 1.25 10.0 PSF 0.0 PSF PSF PSF FROM SEQN-DATE REF HC-ENG DRW HCUSR8228 07221010 JREF-Scale =.5"/Ft. R8228- 37714 1T9Q8228Z01 DF/DF 42793 08/09/07

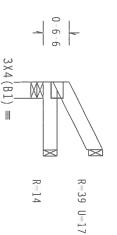
(7 227 - WADE WILLIS CONSTRUCTION The Haley JIA)

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

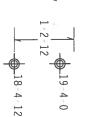
Wind reactions based on MWFRS pressures.

110 mph wind, 19.28 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

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



6



R-61 U-1 W-4" Supports

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

PLT TYP.

Wave

\*\*\*HARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FARRICATION, IMMOLING, SHIPPING, INSTALLING AND BRACING, REFER TO BOSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 HORTH LEE STREET, SUITE 312, ALEXANDRÍA, VA, 22314) AND MICA (MOOD TRUSS COUNCIL OF AMERICA, 6300 LITERPRISE LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMHIG THESE FUNCTIONS. UNLESS OTHERMISE INDICATED TO PRODUCE THE STREET CHARLES AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

\*\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. (TH BCG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEPLATION FROM THIS DESIGN OF THE STATE OF BUILD THE TRUSS IN COMPORABAGE WITH PP: OR FARRICATING, MANUING, SHIPPING, INSTALLING A BRACING OF IRVISES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF 1NDS (MATIONAL DESIGN SPEC, BY AFAPA) AND TP:

HATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION FOR BRAHMIGS 160A Z.

ANY THESPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANIEX AS OF IP: 2002 SEC. 3.

AS SEA, ON HISPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANIEX AS OF IP: 2002 SEC. 3.

ANY THE SULFABLE THE SULFABLE OF PROFESSIONAL EMBLIFICATION RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT BESIGN SHOWN.

BUILDING DESIGNER PER ANSI/IP: 1 SEC. 2.

ITW Building Components Group, Inc. Haines City, FL 33844
FL Constructed of Authorization # 667

ALPINE



PSF PSF

HC-ENG

DF / DF 42861

DRW HCUSR8228 07221011

FROM SEQN-

JREF -

1T908228Z01

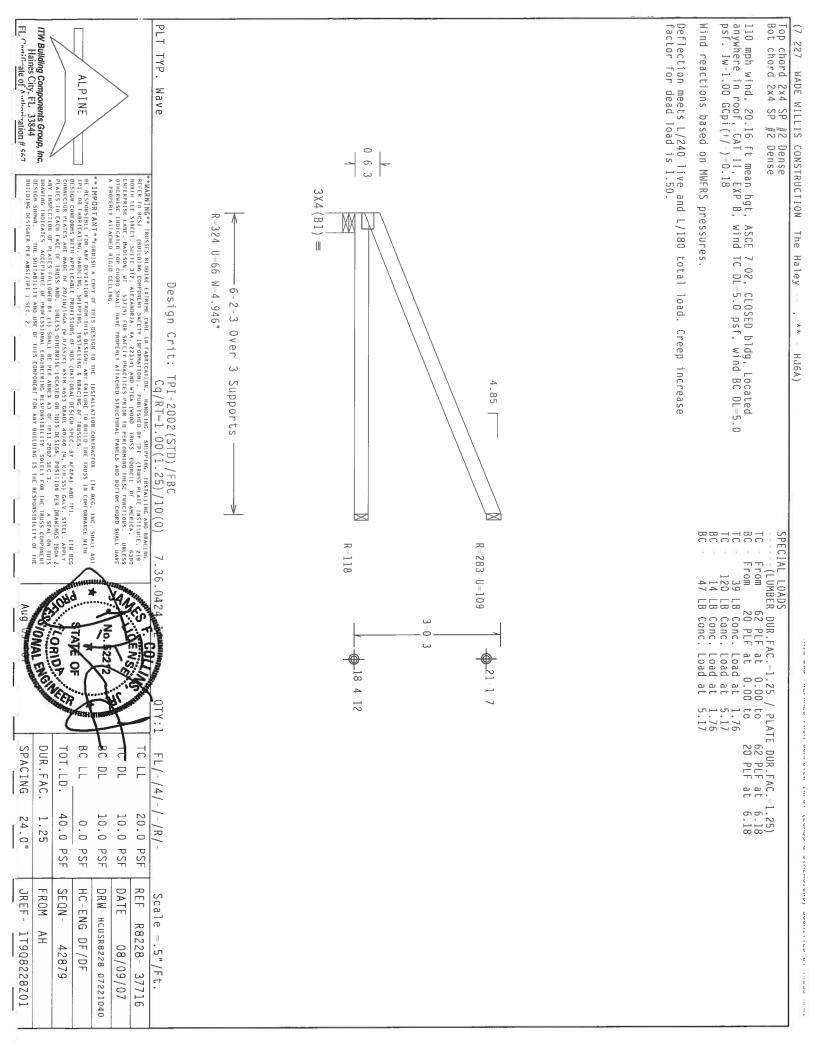
PSF

Scale = .5"/Ft.

R8228- 37715

DATE REF

08/09/07



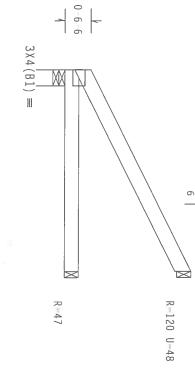
PLT Wind reactions based on MWFRS pressures 110 mph wind, 19.94 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Top chord 2x4 SP Bot chord 2x4 SP Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. (7-227 - WADE WILLIS CONSTRUCTION TYP. ALPINE Wave #2 Dense #2 Dense 0 6 3 \*\*\*IMPORTANT\*\*\*URNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE RUSS IN COMPORMANICE WITH IP: OR FAREFORTHIG, SHAPPLING, INSTALLING & BRACHIGO FENESSES.

DESIGN CONFORTS WITH APPLICABLE PROVISIONS OF NDS (MATIONAL DESIGN SPEC, BY AFRA) AND IPI. THAN BCC CONNECTION THAT ARE THAN THE PROVISIONS OF NDS (MATIONAL DESIGN SPEC, BY AFRA) AND IPI. THAN BCC CONNECTION THAT ARE THAN THAT ARE THE PROVISIONS OF NDS (MATIONAL DESIGN SPEC, BY AFRA) AND IPI. THAN BCC CONNECTION THAT ARE THAN THAT ARE THE PROVISIONS OF NDS (MATIONAL DESIGN SPEC, BY AFRA) AND IPI. THAN THE PROVISIONS OF NDS (MATIONAL DESIGN SPEC, BY AFRA) AND IPI.

PLATES TO EACH TACE OF TRUSS AND. UNITESS DIHERHISL LOCALED ON THIS DESIGN, POSITION PER BRANDESS 16GA Z PIAITES TO FACH FACE OF TRUSS AND, UNITES OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z
ANY INSPECTION OF PLATES FOLLOWED BY (1) SMALL BE PER ANNEX AS OF 1911 ZODZ SEC. 3. A SEAL ON THIS
DRAWING HOLICANTS ACCEPTANCE OF PROFESSIONAL ENGLIEERING RESPONSIBILITY SOCIETY FOR THE TRUSS COMPONENT
DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE \*\*MARNING\*\* HRUSSES REQUIRE LYMENE CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACHIG. RETER TO BEST (RUITDING COMPONENT SAFLY HOMANICO), PUBLISHED BY PT (RUSS PLATE HESTITULE, 210 BONTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND NICA (ROOD TRUSS COUNCIL OF AMERICA, 6300 LINIERDRISE LANT, HANTSON, NI 53719) FOR SAFELY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERNISE INJECTION TO STREET AND SOME SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE BUILDING DESIGNER PER ANSI/IPI 1 SEC. 2. 3X4 (B1) 287 U=59 W-4.946" The Haley 5-1-3 Over 3 Design Crit: 4.85 HJ5) Supports TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) R=84 R=198 U=76 BC 700 SPECIAL LOADS 7.36.0424 ---(LUMBER DUR.FAC.=1.25 / PLATE From 62 PLF at 0.00 to From 20 PLF at 0.00 to 1.76 
39 LB Conc. Load at 1.76 
14 LB Conc. Load at 3.16 
27 LB Conc. Load at 3.16 From ~ 39 LB Conc. Load at 73 LB Conc. Load at 14 LB Conc. Load at 27 LB Conc. Load at 6 15 20-8-3 \_18-4-12 QTY:1 PLATE DUR.FAC.=1.25) to 62 PLF at 5.10 to 20 PLF at 5.10 SPACING BC LL BC DL TC DL TC LL DUR.FAC. TOT.LD. FL/-/4/-/-/R/-40.0 10.0 20.0 1.25 24.0" 10.0 PSF 0.0 PSF PSF PSF PSF JREF-DATE REF FROM SEQN-HC-ENG DRW HCUSR8228 07221041 Scale = .5"/Ft. R8228- 37717 DF / DF 42887 08/09/07

1T908228Z01

Wind reactions based on MWFRS pressures. Top chord 2x4 SP Bot chord 2x4 SP 227 - WADE WILLIS CONSTRUCTION 2 Dense Dense The Haley J4) 110 mph wind, 19.96 ft mean hgt, anywhere in roof, CAT II, EXP B, psf. iw=1.00 GCpi(+/-)=0.18 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. ASCE 7-02, CLOSED bldg, Located wind TC DL=5.0 psf, wind BC DL=5.0



~ 4 20-8 **a**-18 4 12

0 R-174 U-10 W-4" ← 4-1-11 Over 3 Supports 3 - 11 - 11

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

PLT TYP.

Wave

\*\*MARNIMG\*\* IRUSES REQUIRE CARENE CARE IN FABRICATION, MANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BESS! (DULLDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE (TRUSS BLAKE INSTITUTE, 218 MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, Z2314) AND NICA (MOOD TRUSS COUNCIL OF AMERICA, 6300 CHREBERISE LINE, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING INESE FUNCTIONS. UNLESS OTHERWISE HOLDSCRIPE ORDERS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN 10 THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH IP: DR FABRICATION, INAULING, SHEPPIDE, HISTALLING A BRACHEG OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF DRDS (MATIONAL DESIGN SECC. BY AFRA) AND TPI.

PLATES TO EACH FACE OF TRUSS AND, DINCESS OTHERWISE LOCALED ON THIS DESIGN, POSITION PER BRANHINGS 160A Z.

ANY INSPECTION OF DATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF THIS 2002 SEC. 3.

A SEAL ON THIS

DRAWHING INDICANTS ACCEPTANCE OF TRUSS SHOWS OF THIS COMPONENT FOR THE SOURCE FOR THE THIS SCORPONENT HIS DESIGN SHOWS.

HE SUITABLITY AND USE OF THIS COMPONENT FOR THIS DOUGH STORM THE THISS CORPORATION.

Haines City, FL 33844

BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE

7.36.042 Aug 09 CORION ONAL ENG SPACING BC DL DUR.FAC. BC LL TC DL TC LL TOT.LD. FL/-/4/-/-/R/-40.0 20.0 PSF 24.0" 1.25 10.0 PSF 10.0 PSF 0.0

PSF PSF

HC-ENG

DF / DF 42867

DRW HCUSR8228 07221012

DATE REF

08/09/07

Scale =.5"/Ft.

R8228- 37718

JREF -FROM SEQN-

1T908228Z01

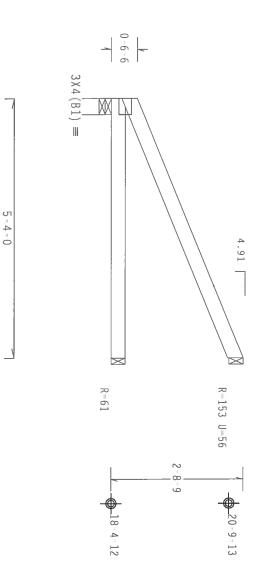
Wind reactions based on MWFRS pressures. Top chord 2x4 SP Bot chord 2x4 SP Haines City, FL 33844
File Country and Components Group, Inc. PLT TYP. (7-227-WADE WILLIS CONSTRUCTION ALPINE Wave #2 Dense #2 Dense 0-6-6 \*\*\*IMPORTANT\*\*\*URBISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY TACTURE TO BHILD THE BRUSS IN COMPORNANCE WITH PP: ON FAREICKING, ANADIDIG, SHEPPING, INSTALLING A BRACHIG OF TRUSSES.

DESIGN COMPORES WITH APPLICABLE PROVISIONS OF THIS GESTION SPEC, BY ATAPA, AND TELL THIS BCC COUNCETOR PLAITS ARE MADE OF ZOTABLEACH, ALMISSED, ASTALLING AS GRADE ADJOG OF, KM.SS) GALV. STEEL, APPLY DELAITS TO EACH FACE OF TRUSS. AND. HINLESS OTHERWISE LOCATED ON HIS DESIGN, POSITION FOR BRAHHMS 160A Z. ANY HISSECTION OF PLAITS TOLLOHOLD BY C1) SHALL BE PER AMERICA 30 FIPLI 2002 SEC. 3. AS ALA ON THIS DESIGN SHOWN. HIS DESIGN ACCUPANCE OF PROFESSIONAL PROLIFERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPORENT DESIGN SHOWN. HIS DESIGNER PER AMERICATION DAVE OF THIS COMPONENT FOR ANY BUILDING DESIGNER PER AMERICATION OF THE \*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FARRICATION, MANDELING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONION) SAFETY INFORMATION), PUBLISHED BY TPT (TRUSS PLATE INSTITUTE, 218 HORTH LES TREET, SHIFE 137, ALEXANDRIA, VA, 22314) AND MICA (MODO) TRUSS COUNCIL OF AMERICA. 6300 ENLIERNESSE LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE HANDES HAVE TO DE CROODS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE 3X4(B1)  $\mathbb{M}$ 248 U-25 W-4" The Haley |||5-11-13 Over 3 Supports Design Crit: 5-11-13 J5A) TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 4.91 R 69 110 mph wind, 20.15 ft mean hgt, anywhere in roof, CAT II, EXP B, psf. Iw=1.00 GCpi(+/ )=0.18 R-171 U-63 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. 7 .36.0424 **Chain** 2 ρuρ SCIONAL ENGINEE 13 \_18-4-12 ASCE wind SPACING BC LL BC DL TC DL TC LL DUR.FAC. TOT.LD. FL/-/4/-/-/R/-7-02, CLOSED bldg, Located TC DL=5.0 psf, wind BC DL=5.0 40.0 20.0 24.0" 1.25 10.0 PSF 10.0 PSF 0.0 PSF PSF PSF HC-ENG DATE REF JREF -FROM SEQN-DRW HCUSR8228 07221013 Scale = .5"/Ft. R8228- 37719 1T908228201 DF / DF 08/09/07 42871

Wind reactions based on MWFRS pressures. Top chord 2x4 SP Bot chord 2x4 SP (7 227 WADE WILLIS CONSTRUCTION #2 Dense #2 Dense The Haley J5AA) 110 mph wind, 20.02 ft mean hgt, anywhere in roof, CAT II, EXP B, psf. Iw=1.00 GCpi(+/-)=0.18

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

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



\*\*WARNING\*\* RUISSIS REQUIRE ETREME CARE IN FABRICATION, HANDLING, SHIPPING, HISTALLING AND BRACING, RETER TO BEST (UNILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE (TRUSS PLATE INSTITUTE, 218 HORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WICA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENTERORATED STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WICA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MAISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HIESE FUNCTIONS. UNLESS OTHERWISE INDICATED TO PUBLIC TOPS SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

Design Crit:

TYP.

Wave

-221 U-22 W-4"

-5-4-0

Over

3 Supports

\*\*IMPORTANT\*\*FURBISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SMALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH FPI; OR FARREACHING, HANDING, SHIPPIG, HISALLIG & BRACHING OF TRUSSES. BY AREA AND TPI.—THE BCG CONNECTOR THE APPLICABLE PROVISIONS OF DUS (MATIONAL DESIGN SPEC, BY AREA) AND TPI.—THE BCG CONNECTOR THATES ARE MADE OF 20/10/10/AGA (HIJSSEX) ASTH ASSO GRANDE 40/60 (H. K/H.SS) GALV. STEEL, APPLY PLAIES TO EACH FACE OF TRUSS AND, DUNCESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWHINGS 160A 2. ANY INSPECTION OF FALTES TOLLOWED BY (I) SHALL BE FER ANNEX AS OF TPI1 2002 SEC.3. A SEAL ON THIS DRAWHING INDICALES ACCUPROMENT THE SUBJECT OF THE SECONDARY COMPONEY. THE SUBJECT OF THE SECONDARY COMPONEY. BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2

Haines City, FL 33844
FL Carifficate of Australian # 677

ALPINE



0.0 PSF PSF

HC-ENG

DF / DF

42875

10.0 PSF

DATE REF

08/09/07

Scale =.5"/Ft.

R8228- 37720

DRW HCUSR8228 07221014

24.0" 1.25

JREF -

1T908228Z01

FROM SEQN-

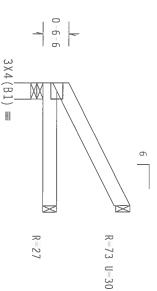
(7 227 WADE WILLIS CONSTRUCTION The Haley J2)

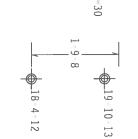
Top chord 2x4 Bot chord 2x4 SP #2 Dense #2 Dense

Wind reactions based on MWFRS pressures.

110 mph wind, 19.56 ft mean hgt, anywhere in roof, CAT II, EXP B, psf. Iw=1.00 GCpi(+/-)=0.18 ASCE wind 7-02, CLOSED bldg, Located TC DL=5.0 psf, wind BC DL=5.0

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





022604 Over R-107 U-4 W-4" ω 4 3 Supports

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

7.36.042

QTY:1

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

Scale = .5"/Ft.

R8228- 37721

BC DL

10.0 PSF

DRW HCUSR8228 07221015

HC-ENG

DF/DF

PSF

42883

JREF -

1T908228Z01

FROM SEQN- TC DL TC LL

10.0 PSF

DATE REF

08/09/07

20.0 PSF

PLT TYP.

Wave

\*\*WARNING\*\* HRUSSES REQUIRE CERTRETE CARE IN FARRICATION, HANDLING, SHIPPING, HISTALLING AND BRACTING. REFER TO BEST (BUILDING COMPONENT SAFETY HOROMATOR), PUBLESHED BY FPT (FRRSS PLATE INSTITUTE, 21B HORIN LEE SHREES, SUITE 317, ALEXANDRIA, VA, 22314) AND WICA (MODD TRUSS COUNCIL OF AMERICA, 6300 LINIERPESSE LANE, MADISON, WI 55378) FOR SAFETY PRACTICES FROM TO PERFORMING HIESE FUNCTIONS, DHIESES OTHERWISE HOLDSCALED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED REGION CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL PARELS AND SHALL PARELS AND

\*\*IMPORTANT\*\*PURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BEG. THE. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN; ANY FALLURE TO BUILD HIE TRUSS IN COMPORMANCE WITH FP: OR FARRICATIO, MINDIFFLE, SHIPPING, HISTALLING & BRACHING OF TRUSSES.

DESIGN CONFORTS WITH APPLICABLE PROVISIONS OF NOS (MALTONAL DESIGN SPEC, BY AFZPA) AND TPI. THE BCG CONTRICTOR PLAITS ARE PADD TO ZO/BJORGA (M.1957A), ASTH AGS GRADE GAJGO (M. K.M. 18,53) CALV. SIEEL, APPLY PLAITS TO EACH FACT OF TRUSSES, ON THE STORMAND STORMAND OF THE SOURCE OF TRUSSES COMPONENT OF THE SOURCE OF TRUSS AND. UNITES OFFICENCY AS OF TPI ZOZO SEC. 3. A SEA, ON THIS DESIGN SHOP THE SOURCE OF TRUSSES COMPONENT OF THE SOURCE OF THE SOURCE OF TRUSSES COMPONENT OF THE SOURCE O

Haines City, FL 33844
Fl. Chair alt of A Charles Haines

BUILDING DESIGNER PER ANSI/TPI I SEC.

ALPINE

OZ SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT NG IS THE RESPONSIBILITY OF THE SPACING DUR.FAC. BC LL TOT.LD. 40.0 24.0" 1.25 0.0 PSF

Wind reactions based on MWFRS pressures. Top chord 2x4 SP Bot chord 2x4 SP Haines City, FL 3844
FL Carifficate of A wharitation # 567 PLT (7-227 - WADE WILLIS CONSTRUCTION TYP. ALPINE Wave #2 Dense 0-6-6 \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG. INC. SHALL NOT BE RESPONSIBLE FOR ANY OUVLATION FROM HILLS DESIGN. ANY FAILURE 10 BHILD THE FRUSES IN COMPORMANCE WITH PI: OR FARBICATHO. HAND HIG. SHIPPIDE, HISTALLING A BRACHING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MDS (MATIONAL DESIGN SPEC, BY AFRAYA AND PI. THE GCONMUCCTOR PLATES AND ADD. DHELES OF THE STATE AND ASSA AGES ARABE APPLY PLATES TO EACH FACE OF TRUSS AND. DHELESS OHERWISE LOCATED BY HIS DESIGN. POSITION PER BRACHINGS 160A Z. ANY HISTOCIATES ACCEPTANCE OF TRUSS AND. DHELESS OHERWISE LOCATED BY HIS DESIGN. POSITION OF RACE FOLLOWING HISTOCIATE AND ANY HISTOCIATES ACCEPTANCE OF TRUSS AND. DHELESS OHERWISE LOCATED BY HIS DESIGN. POSITION FR BRACHING THE PLATES FOLLOWED BY (1) SHALL BE FER ANNEX AS OF TIPL 2002 SEC. 3. A SEAL ON THIS DESIGN SHALL SHAPLY AND THE PLATES FOLLOWED BY (1) SHALL BE FER ANNEX AS OF TIPL 2002 FC. 3. A SEAL ON THE SECOND SHAPL SHAPLY AND THE SECOND SHAPL SHAPLY AND THE PLATES FOLLOWED BY (1) SHALL BE FER ANNEX AS OF TIPL 2002 FC. 3. THE RESPONSIBILITY OF THE DESIGN SHOWN. HE SHAPL SHAPLY AND THE SHAPLY AND THE SHAPL \*\*WARNING\*\* RUSSIS REDURE CYRCHE CARE IN FABRICATION, MANDLING, SHIPPING, INSTALLING AND BRACHIG, RETER TO BEST. (BUILDING COMPORENT SAFETY INFORMATION), PUBLISHED BY TET (TRUSS PLATE HISTITUIE, ZIB MORTH LEE STREET, SUITE JIS, ALEXANDRIA, VA, ZEJJA) AND MICA (MODIO TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MANISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OFHIRMIST HINDIGHTON FOR THE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE DESIGN SHOWN. THE SUITABILITY AND USE OF BUILDING DESIGNER PER ANSI/TPI I SEC. 2. 3X4(B1) R-209 U-1 W-4" The Haley ]|| 5-0-0 Over Design Crit: 3 Supports EJ5) TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) R=57R=145 U=41 110 mph wind, 15.00 ft mean hgt, ASCE 7–02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. ىب 6 \_11 8 14 BC LL BC DL TC DL . TC LL DUR.FAC. TOT.LD. FL/-/4/-/-/R/-40.0 1.25 20.0 PSF 10.0 PSF 10.0 PSF 0.0 PSF PSF FROM SEQN-DATE REF HC-ENG DRW HCUSR8228 07221016 Scale = .5"/Ft. R8228- 37722 DF / DF 43026 08/09/07

SPACING

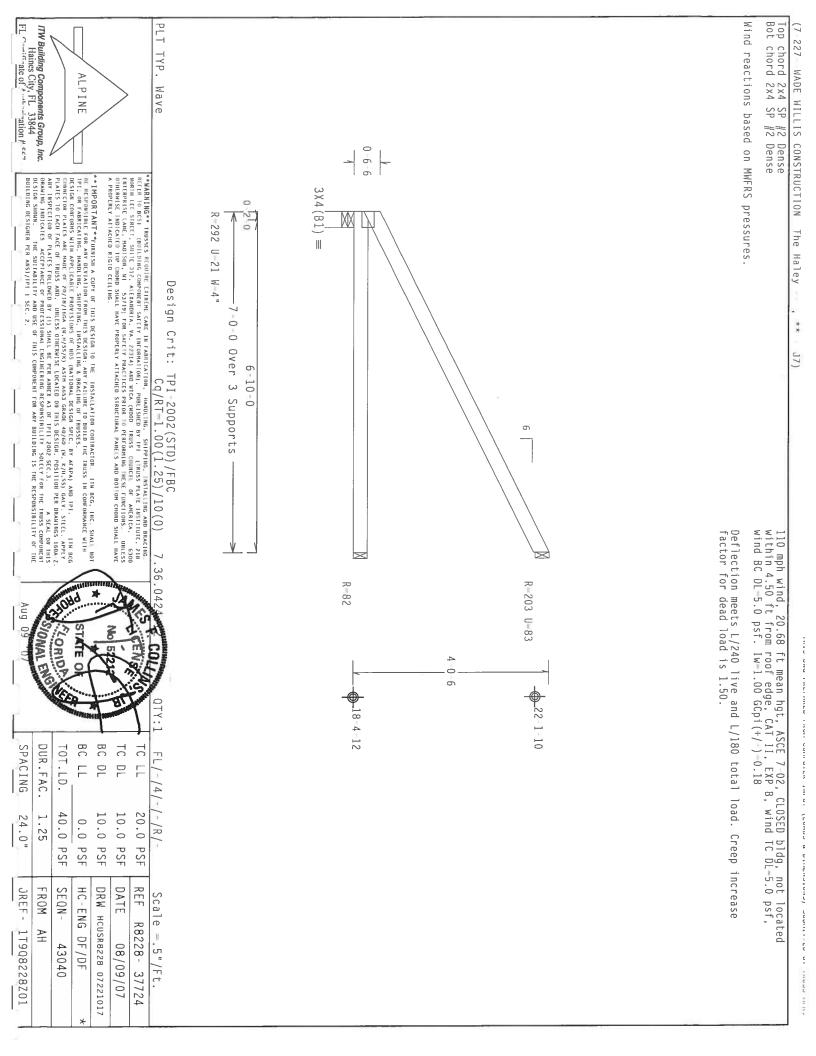
24.0"

JREF -

1T908228Z01

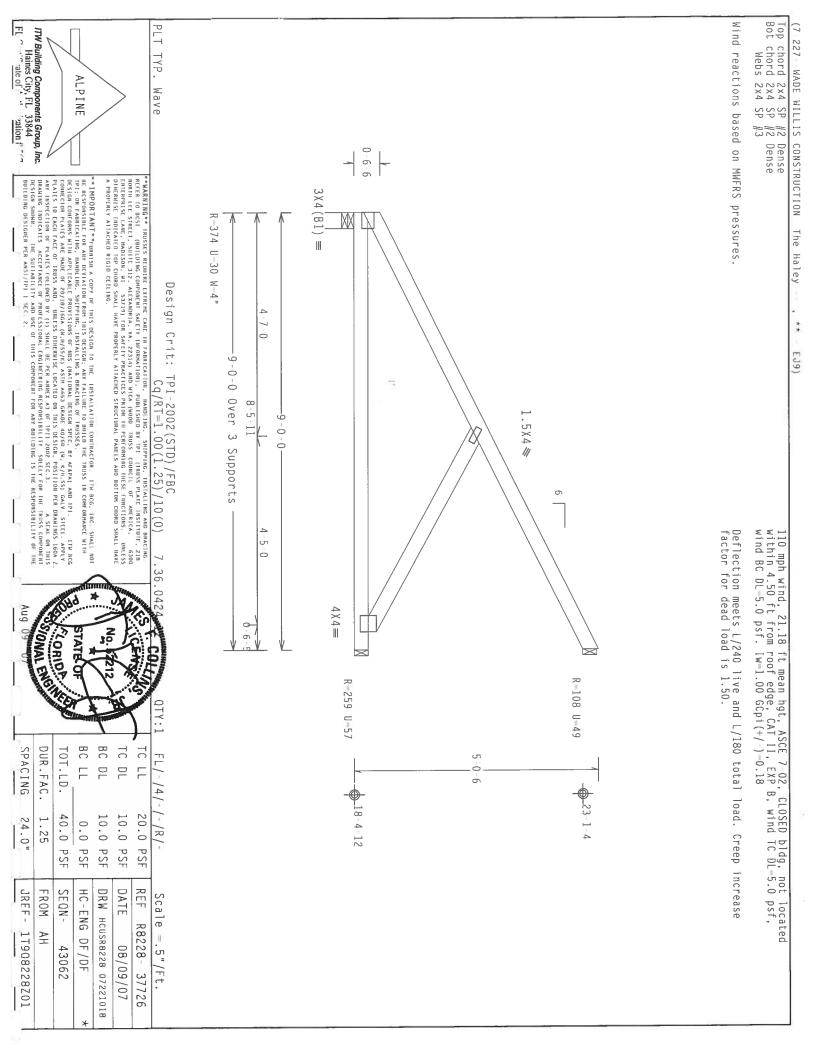
Wind reactions based on MWFRS pressures. Top chord 2x4 SP Bot chord 2x4 SP Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is  $1.50\,\mathrm{.}$ Haines City, FL 33844
FL Continuate of Ambanization # 567 PLT TYP. (7-227 -- WADE WILLIS CONSTRUCTION ALPINE Wave #2 Dense #2 Dense 0 -6 - 2 \*\*IMPORTANT\*\*CURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR THE BCG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH THE TOTAL OR FARBLECK THIG. AND THE THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORTING SHAPE THE BEACHING OF TRUSSES.

DESIGN CONFORTS WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN ESPEC, BY AFRA) AND THE THE CONNECTION PLATES ARE THOSE TO FORTHS OF MOS (MATIONAL DESIGN ESPEC, BY AFRA) AND THE APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHER MATIONAL DESIGN ESPEC, BY AFRA) AND THE TOWN TO THE PROVISIONS OF MOS (MATIONAL DESIGN ESPEC, BY AFRA) AND THE TOWN TOWN THE PROVISIONS OF MOS (MATIONAL DESIGN ESPEC, BY AFRA) AND THE THE PROVISIONS OF MOS (MATIONAL DESIGN ESPEC, BY AFRA) AND THE TOWN THE PROVISIONS OF MOS (MATIONAL DESIGN ESPEC, BY AFRA) AND THE TOWN THE PROVISIONS OF MOS (MATIONAL DESIGN ESPEC, BY AFRA) AND THE TOWN THE PROVISIONS OF MOS (MATIONAL DESIGN ESPEC, BY AFRA) AND THE TOWN THE PROVISIONS OF MOS (MATIONAL DESIGN ESPEC, BY AFRA) AND THE PROVISIONS OF MOS (MATIONAL DESIGN ESPEC, BY AFRA) AND THE PROVISIONS OF MOS (MATIONAL DESIGN ESPEC, BY AFRA) AND THE PROVISIONS OF MOS (MATIONAL DESIGN ESPEC, BY AFRA) AND THE PROVISIONS OF MOS (MATIONAL DESIGN ESPEC, BY AFRA) AND THE PROVISIONS OF MOS (MATIONAL DESIGN ESPEC, BY AFRA) AND THE PROVISIONS OF MOS (MATIONAL DESIGN ESPEC, BY AFRA AND THE PROVISIONS OF MOS (MATIONAL DESIGN ESPEC, BY AFRA AND THE PROVISIONS OF MOS (MATIONAL DESIGN ESPEC, BY AFRA AND THE PROVISIONS OF MOS (MATIONAL DESIGN ESPEC, BY AFRA AND THE PROVISIONS OF MOS (MATIONAL DESIGN ESPEC, BY AFRA AND THE PROVISIONS OF MOS (MATIONAL DESIGN ESPEC, BY AFRA AND THE PROVISIONS OF MOS (MATIONAL DESIGN ESPEC, BY AFRA AND THE PROVISIONS OF MOS (MATIONAL DESIGN ESPEC, BY AFRA AND THE PROVISIONS OF MOS (MATIONAL DESIGN ESPEC, BY AFRA AND THE PROVISIONS OF MOS (MATIONAL DESIGN ESPEC, BY AFRA AND THE PROVISIONS OF MOS (MATIONAL DESIGN ESPEC, BY AFRA AND THE PROVISIONS OF MOS (MATIONAL DESIGN --WAKNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, MANDLING, SHIPPING, HRSALLING AND BRACING, BRILE 10 BCS1 (BUILDING COMPORENT SAFETY IN GRANTION), PUBLISHED BY THE (TRUS PLATE INSTITUTE, 218 HORAL HE STREET, SUIFE 127. ALEXANDRAL VA, 222-214) AND MICHAC (MODO TRUSS COUNCIL OF AMERICA, 6300 CHIERPRISE LINE, MADISON, WI 53/19) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNITES OTHERWISE HOUGH CALED TOO CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CELLING. DESIGN SHOWN. THE SUITABILITY AND BUILDING DESIGNER PER AUSI/TPI 1 SLC PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z.
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF THIS 2002 SEC. 3. A SEAL ON THIS
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT 3X4(B1) = R=165 U=15 W=5.657" The Haley Design Crit: 4.24 7-0-14 Over 3 Supports HJ5) TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) DZ SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT HE IS THE RESPONSIBILITY OF THE 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Hipjack supports 5-0-0 setback jacks with no webs 7.36.0424 R=89 R-231 U-61 Aug ONAL EMBERGE w 0 2 9-0-0 11-8-10 BC LL BC DL TC DL SPACING TC LL DUR.FAC. TOT.LD. FL/-/4/-/ SEE ABOVE 40.0 1.25 10.0 PSF 20.0 PSF /-/R/-10.0 PSF 0.0 PSF PSF JREF -SEQN-DATE REF FROM DRW HCUSR8228 07221042 HC-ENG Scale = .5"/Ft. R8228- 37723 1T908228Z01 DF/DF 43031 08/09/07



Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP Wind reactions based on MWFRS pressures Haines City, FL 33844
FL Carifficate of Amhanization # 567 Hipjack supports 9=0-0 setback jacks. Jacks up to 7' have no webs. Longer jacks supported to BC. PLT TYP. (7-227 WADE WILLIS CONSTRUCTION 0-6-2 ALPINE Wave 3X4(B1) #2 Dense #2 Dense #3 -531 U-97 W 5.657' \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN 10 THE INSTALLATION CONTRACTOR. THE BCG, ING. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN TAILURE TO BHILD THE TRUSS IN COMPORMANCE WITH PI: OR FARRELY-HIGH, MANULURG, SHEPPING, INSTALLING A BRACIEGO FEBUSSES.

DESIGN CONTROPS HITH APPLICABLE PROVISIONS OF HIS CHAILORAL DESIGN SPEC, BY AFRAY) AND FPI. IN BCG CONNECTOR PLAIES ARE HADE OF 20/19/16GA (M.H/SS/K) ASHE MAGS GARGE 40/60 (M. K/M.SS) GALV. SIELE, APPLY PLAIES TO LACH FACE OF TRUSS AND. UNICESS OHIERNISE LOCATED BH HIS DESIGN, POSITION PER DRAWHIGS 160A. Z. ANY INSPECTION OF PLAIES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TPI1 2002 SEC. 3. A SEAL ON THIS BRANING HOLDCRIES ACCEPTANCE OF PROFESSIONAL ENGINEER MICE AS OF TPI1 2002 SEC. 3. A SEAL ON THIS BRANING HOLDCRIES ACCEPTANCE OF PROFESSIONAL ENGINEER MICE AS OF TPI1 2002 BCC. 3. A SEAL ON THIS BRANING HOLDCRIES ACCEPTANCE OF PROFESSIONAL ENGINEER MICE AS OF TPI1 2002 BCC. 3. A SEAL ON THIS BRANING HOLDCRIES ACCEPTANCE OF PROFESSIONAL ENGINEER MICE AS OF TPI1 2002 BCC. 3. A SEAL ON THIS BRANING HOLDCRIES ACCEPTANCE OF PROFESSIONAL ENGINEER MICE AS OF TPI1 2002 BCC. 3. A SEAL ON THIS BRANING HOLDCRIES ACCEPTANCE OF PROFESSIONAL ENGINEER MICE AS OF TPI1 2002 BCC. 3. A SEAL ON THIS BRANING HOLDCRIES ACCEPTANCE OF PROFESSIONAL ENGINEER MICE AS OF TPI1 2002 BCC. 3. A SEAL ON THIS BRANING HOLDCRIES ACCEPTANCE OF PROFESSIONAL ENGINEER AND ENGINEER MICE AS OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE \*\*#ARNING\*\* RRUSE'S RIQUIRE LEXERHE CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RETER 10 BEST (BRUIDING COMPONENT SAFETY INFORMATION), PUBLISHED BY FPI (TRUSS PLATE INSTITUTE, 218 NORTH LE SIREET, SUITE 312, ALEXANDRIA, VA. Z2214) AND HEAVE (MOOD TRUSS COUNCIL OF AMERICA. 6300 ENTERPRISE LANC, HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INJUGATED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAHELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CELLING. DESIGN SHOWN. THE SUITABILITY AND BUILDING DESIGNER PER ANSI/TPI 1 SEC. The Haley 6 5 5 14 14 Design Crit: 4.24 [ 12-8-12 (6rH TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 0ver 1.5X4 III 3 X 4 ≤ e 2 Supports 8 110 mph wind, 21.16 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 (1) 2x4x7-8-13 SP #2 Dense scab at right end. Attach scab to face of chord with:  $12d\_Box\_or\_Gun\_(0.128"x3.25",\_min.)\_nails @ 8" OC, plus additional nail clusters at: BRG.: (0), heel: (0), 1st panel point: (0).$ Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Right end vertical not exposed to wind pressure.  $\otimes$ 6  $6 \cdot 0 - 1$ 2 13 Aug us CORIOR R-1070 U=196 1.5X4 III 3X4 =0 BC LL BC DL TC DL TC LL SPACING DUR.FAC. TOT.LD. FL/-/4/-/-/R/ ⊕\_18-4-12 SEE ABOVE 40.0 1.25 10.0 20.0 10.0 PSF 0.0 S PSF PSF PSF PSF 2 DATE REF JREF-FROM SEQN DRW HCUSR8228 07221043 HC-ENG Scale =.5"/Ft. R8228- 37725 1T908228Z01 DF / DF 43067 08/09/07



Top chord 2x4 SP | Bot chord 2x4 SP | Webs 2x4 SP | Wind reactions based on MWFRS pressures P Haines City, FL 33844
FL Control and of Authorization 4 447 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is  $1.50\,.$ (7 227 WADE WILLIS CONSTRUCTION The Haley TYP. ALPINE Wave ||2 Dense ||2 Dense ||3 0-6-6 \*\*IMPORTANT\*\*\*URBISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BGG, INC. SHALL NOT BE RESPONSIBLE FOR NAW DEVIATION FROM THIS DESIGN. FOR TAILING TO BUILD THE TRUSS IN COMPORMACE MITH PP. 108 FABRETATION, AND TIG.

DESIGN CONTRONS WITH APPLICABLE PROVISIONS OF THIS CONTROL SPECE BY ATAPA, AND TIL COCCONTROL OF THIS DESIGN SPEC. BY ATAPA, AND TIL COCCONTROL OF THIS ARE ALGO OF ZOTABLE AND THIS DESIGN SPEC. BY ATAPA, AND TIL COCCONTROL OF THIS DESIGN SPEC. BY ATAPA, AND TIL COCCONTROL OF THIS DESIGN SPEC. BY ATAPA, AND TIL OF THIS DESIGN SPECIAL SPEC \*\*HARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, IMADIING, SHIPPING, HISTALLING AND BRACING.
RETER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IPI (TRUSS PLATE INSTITUTE, ZIB
HORIN LEE SIREE, SUITE 312, ALEXANDRIA, VA. ZZZIA) AND NICA (400D TRUSS COUNCIL OF AMERICA, 630D
ERHEBRISE LAHE, HADISON, NI \$3719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THISE FUNCTIONS. UNLESS
OTHERWISE HOLICATED FOR CORON SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BUTTOM CHORD SHALL HAVE
A PROPERLY ATTACHED REGID CELLING. 3X4(B1) =429 U=6 W=4" Design Crit: w 0 C3) TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 10-4-0 0ver 1.5X4 ₩ ~ Supports 110 mph wind, 15.00 ft mean hgt, ASCE  $7^{-}02$ , CLOSED within 4.50 ft from roof edge, CAT II, EXP B, wind wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Right end vertical not exposed to wind pressure σ 7.36.0424 Aug 09 OSIONAL ENGINEE R-422 U-70 3 X 4 ≡ 1.5X4 SPACING ВС ВС TC DL TC DUR.FAC. TOT.LD. FL/-/4/-/-/R/-DL 40.0 20.0 24.0" 1.25 10.0 10.0 PSF 0.0 α bldg, not TC DL=5.0 PSF PSF PSF PSF DATE REF FROM JREF-SEQN-HC-ENG DRW HCUSR8228 07221019 Scale located psf, R8228-1T9Q8228Z01 =.5"/Ft.DF / DF 43055 08/09/07 37727

In lieu of structural panels use purlins to  $\ensuremath{\text{OC}}$  . Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 Haines City, FL 33844
FL Continuate of Authorization # 567 Wind reactions based on MWFRS pressures. (7-227 WADE WILLIS CONSTRUCTION TYP. ALPINE Wave 0 = 6 = 6 \*\*IMPORTANT\*\*FURMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BEG. THC. SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE FRUSS IN COMPORNANCE WITH IP: OR FABREACHING, HANDLING, SHIPPING, HISFALLING A BRACHING OF TRUSSES, DESIGN CONTROPS HITH APPLICABLE PROVISIONS OF DUS (MATIONAL DESIGN SEC. 8, \*ATEXA) AND IPI. HERG CONTROPS ATHE ARE HADE OF 20/18/1666 (H.M./SS/R) ASIM A653 GRADE 40/60 (H. K/M.SS) GALV SIECL. APPLY PLAIES TO LACH FACE OF TRUSS AND. HULESS OTHERHISE LOCATED ON THIS DESIGN, POSITION PER BRACHINGS 160A Z. ANY HASTECTION OF PLAIES FOLLOWED BY (I) SHALL BE PER ANHER X OF FPI1 2002 SEC. 3. A SLAL ON THIS DESIGN SHOWN. THE SUITABILLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILLITY OF THE DESIGN SHOWN. THE SUITABILLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILLITY OF THE ANY INSPECTION OF PLAIES FOLIDRED BY (1) SMALL BE PER ANNEX A 30 FP11 2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILD BUILDING DESIGNER PER ANSI/IPI 1 SEC. 2. A PROPERLY ATTACHED RIGID CEILING. 3 X 4 (B1) ≡ 429 The Haley U 21 W-4" Design Crit: brace all flat TC (5) TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 10-4-0 ഗഗ ψ 000 (e) 24" 0ver 2 Supports 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED within 4.50 ft from roof edge, CAT II, EXP B, wind wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 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. 4 X 5 (R) ₩  $3 \times 4 =$ 2 CORIOR  $\frac{11}{11} = 0$ R-422 U-58  $3 \times 4 \equiv$ 1.5X4 III BC LL BC DL TC DL TC LL DUR.FAC. TOT.LD. FL/-/4/-/-/R/-0-0 20.0 PSF 1.25 40.0 PSF 10.0 PSF 10.0 PSF 0.0 PSF 2-14 TC DL=5.0 psf, DATE REF FROM SEQN-HC-ENG DRW HCUSR8228 07221020 Scale =.5"/Ft. R8228- 37728 DF/DF 43046 08/09/07

Aug 0s

SPACING

24.0"

JREF -

1T908228Z01

Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 In lieu of structural panels use purlins to brace all flat TC @ 0C. Haines City, FL 38844
FL Cartificate of Authorization # 567 PLT Wind reactions based on MWFRS pressures (7 227 WADE WILLIS CONSTRUCTION The Haley TYP. ALPINE Wave 0-6-6 \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY OUTWATION FROM THIS DESIGN. FATLURE 10 BUILD THE TRUSS IN COMPORMANCE WITH IP: OR FARBLEAUTHG. HANDLING, SHEPPIG., INSTALLING A BRACING OF TRUSSES.

DESIGN CONTORNS WITH APPLICABLE PROVISIONS OF UDS (MATIONAL DESIGN SEC. B. YARFA) AND IP!. ITH BCG CONNECTOR PLATES ARE HADE OF ZO/IS/166A (M.H/SS/K) ASTH A653 GRADE 40/50 (M.K./M.SS) GALV. SIEEL. APPLY LALES TO LACH FACE OF TRUSS AND. UNLESS OHERNISE LOCALED ON THIS DESIGN, POSITION PER DRAWHERS 160A Z. ANY INSPECTION OF PALES FOLLOWED BY (I) SHALL BE PER ANIEX AS OF TPIL 2002 SEC. 3. A SEAL ON THIS DRAWHIG INDICATES ACCEPTANCE OF PROFESSIONAL GHOSTICHER MICR SON TPIL 2002 SEC. 3. A SEAL ON THIS DRAWHIG INDICATES ACCEPTANCE OF PROFESSIONAL GHOSTICHER MICR SON TPIL 2002 SEC. 3. A SEAL ON THIS DRAWHIG INDICATES ACCEPTANCE OF PROFESSIONAL GHOSTICHER MICR SON TPIL 2002 SEC. 3. A SEAL ON THIS DRAWHIG INDICATES ACCEPTANCE OF PROFESSIONAL GHOSTICHER MICR SON TRIBLED AND THE TRUSS COMPONENT OF THE SOURCE \*\*MARNING\*\* RRISSES REDIREC LYBERE CARE IN FARRICATION, HANDLING SUPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY IN ORDANION), PUBLISHED BY TPI (IRUSS PLATE INSTITUTE, 218 NORTH LEE SIREET, SUITE 312, ALEXANDRIA, VA, Z2314) AND HICA (HOOD TRUSS COUNCIL OF AHERICA, 6300 ERHERRISE LANE, HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HEEF FUNCTIONS, UNLESS OTHERRISE LANE, HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HEEF FUNCTIONS, UNLESS OTHERRISE LANE, HADISON, HICAS PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED REGION SHALL HAVE PROPERLY ATTACHED REGION SHALL HAVE ANY HISPECTION OF PLATES FOLIDRED BY (1) SMALL BE PER ANNEX A3 OF 1911 2
DRAWTHG INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY
OFSIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BULLD
BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. 3X4(B1)R 429 U=11 W-4" 9 8 (4) 10 -4-0 Over 24" 1.5X4 ₩ ی ی ហភ 001 Supports 6 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 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  $1.50\,.$ 8 CORIO 4 X 5 (R) W 3 X 4 ≡ R-422 U-66 0 1.5 × 4 Ⅲ 0 - 11 - 01.5 X 4 Ⅲ 中 SPACING BC LL BC DL DUR.FAC. TC DL TC LL TOT.LD. FL/-/4/-/-/R/-0 0 40.0 10.0 PSF 20.0 PSF 1.25 10.0 PSF 0.0 PSF 0 14 PSF SEQN-DATE REF FROM DRW HCUSR8228 07221021 HC-ENG Scale =.5"/Ft. R8228- 37729 DF/DF 43051 08/09/07

24.0"

JREF-

1T908228Z01

# CLB WEB BRACE SUBSTITUTION

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

#### NOTES

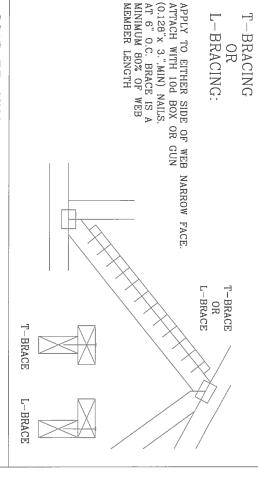
BRACING. THIS DETAIL IS ONLY APPLICABLE FOR CHANGING THE SPECIFIED CLB SHOWN ON SINGLE PLY SEALED DESIGNS TO T-BRACING OR SCAB

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

2-2X6(*)	2X6	2 ROWS	2X8
1-2X8	988	1 ROW	2XB
2-2X4(*)	2X6	2 ROWS	2X6
1-2X6	2X4	1 ROW	2X6
2-2X4	2X6	2 ROWS	2X3 OR 2X4
1-2X4	2X4	1 ROW	0R
SCAB BRACE	T OR L-BRACE	BRACING	SIZE
ALTERNATIVE BRACING	ALTERNATIV	SPECIFIED CLB	WEB MEMBER

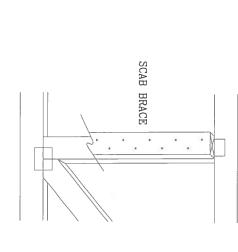
T-BRACE, L-BRACE AND SCAB BRACE TO BE SAME SPECIES AND GRADE OR BETTER THAN WEB MEMBER UNLESS SPECIFIED OTHERWISE ON ENGINEER'S SEALED DESIGN.

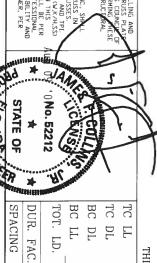
\* CENTER SCAB ON WIDE FACE OF WEB. FACE OF WEB. APPLY (1) SCAB TO EACH



## 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





THIS DRAWING REPLACES DRAWING 579,640

PSF PSF | DATE REF

2/23/07 CLB SUBST.

3SUB0207

BUILDING DESIGNER, PER TO STATE OF	EPTANCE OF PROFESSIONAL OWN. THE SUITABILITY AND	STACE BY AREPAN AND IFF.  STAGRADE 40/06 CW.K.M.SS.  MISSE LIDEATED DIN THIS  THEN THE STANK OF PEP AUG. 10 NO. 52212	TO BUILD THE TRUSS IN LANGUAGE OF TRUSSES.	ING.
SPACING	DUR. FAC.	TOT. LD. PSF	BC LL PSF	BC DL PSF
			PSF -ENG MLH/KAR	PSF DRWG BRCLBSUB

ITWBUILDING COMPONENTS GROUP, INC POMPANO BEACH, FLORIDA ALPINE

WHYPOPKANIXX FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTO
NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN ANY FAILURE TO
CONTIDENANCE WITH FIF; DR FABRICATING, HANDLING, SHIPPING, INSTALLING &
DESIGN CONTIDENS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN S)
TIV, BCG CONNECTION PLATES ARE MADE OF 2018/1656A (W.H.SCS) OTHERN)
DESIGN, POSITION PER DRAWNIGS 160A-Z. ANY INSPECTION OF PLATES FOLLON
DESIGN, POSITION PER DRAWNIGS 160A-Z. ANY INSPECTION OF PLATES FOLLON
DESIGN, POSITION PER DRAWNIGS 160A-Z. ANY INSPECTION OF PLATES FOLLON
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DESIGN, POSITION PER DRAWNIGS 160A-Z. ANY INSPECTION OF PLATES FOLLON
USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE I

NOTIFIED THE OPEN OF THE PLATES \*\*WARRING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AN BRACING. REFER TO BOSS GBUILDING COMPINENT SAFETY INFORMATION, PUBLISHED BY TPI CRUSS PLY INSTITUTE. 218 NORTH LEE STER, SUITE 312, ALEXANRIA, VA. 22314) AND WITA CVODD TRUSS COUNCY, AMERICA, 6430 ENTERPRISE LN, HADISON, WI 53719) FOR SAFETY PRACTICES PRIDE TO PERFORMING AMERICA, 6430 ENTERPRISE LN, HADISON, WI 53719) FOR SAFETY PRACTICES PRIDE TO PERFORMING AMERICA, 6430 ENTERPRISE LN, HADISON, WI 53719) FOR SAFETY PRACTICES OFFICE Y ATTACHED STRUCTORS.

FUNCTIONS. UNLESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTORS.

### ASCE 7-02: 110 MPH WIND SPEED, 30 MEAN HEIGHT, ENCLOSED, 1.00, EXPOSURE $\Box$

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	1			<i>S</i> .	) j	TIT		ひてに	Ξ Σ			j	7	) j	TIT		ULI	בוב					j	TIT.		ひてゴ		SPACING SPECIES	2X4
	STANDARD	STUD	#3	#2	#1	STANDARD	STUD	#3	#1 / #2	STANDARD	STUD	#3	#2	#1	STANDARD	STUD	#3	#1 / #2	STANDARD	STUD	#3	2#	#1	STANDARD	STUD	#3	#1 / #2	GRADE	BRACE
	4' 7"	4'9"	4'9"	4' 11"	5' 1"	4' 6"	4' 6"	4' 6"	4' 7"	4' 2"	4' 4"	4' 4"	4' 6"	4' 7"	4' 1"	4' 1"	4' 1"	4' 2"	3' 8"	3' 9"	1 5	3' 11"	4'0"	3' 7"	3' 7"	3' 7"	3 <sup>'</sup> 8 <sup>"</sup>	BRACES	N O
	6, 9,	7' 9"	7' 11"	8'0"	8'0"	6' 7"	7' 8"	7' 8"	8' 0"	5' 10"	6' 9"	6' 10"	7' 3"	7' 3"	5' 8"	8' 0"	6' 8"	7' 3"	4' 9"	5' 6"	5' 7"	6' 4"	6' 4"	4' 8"	5' 5"	5' 5"	6' 4"	GROUP A	(1) 1X4 "L"
	6' 9"	7' 9"	7' 11"	8' 7"	8' 7"	6' 7"	7' 8"	7' 8"	හ <sub>.</sub>	5' 10"	6'9"	6' 10"	7' 9"	7' 9"	5' 8"	8'0"	6' 8"	7' 5"	4' 9"	5' 6"	ور وي	6' 10"	6' 10"	4' 8"	5' 5"	5' 5"	6,	GROUP B	" BRACE *
	8' 10"	9' 5"	9' 5"	9' 5"	9' 5"	8' 8"	9, 5,	9' 5"	9' 5"	7' 8"	8' 7"	8' 7"	8' 7"	8' 7"	7' 6"	8' 7"	8' 7"	8' 7"	6' 3"	7' 3"	7' 4"	7' 6"	7' 6"	6'1"	7' 1"	7' 2"	7' 6"	GROUP A	(1) 2X4 "L"
MAS	8' 10"	9' 11"	9' 11"	10' 2"	10' 2"	8' 8"	9' 5"	9' 5"	9' 8"	7' 8"	8' 11"	9' 0"	9' 3"	9' 3"	7' 6"	8' 7"	8' 7"	8' 10"	6′ 3″	7' 3"	7' 4"	8' 1"	8' 1"	6' 1"	7' 1"	7' 2"	7' 8"	GROUP B	" BRACE *
O MAA	11' 3"	11' 3"	11' 3"	11' 3"	11′ 3″	11' 3"	11' 3"	11' 3"	11' 3"	10' 3"	10' 3"	10' 3"	10' 3"	10' 3"	10' 1"	10′ 3″	10' 3"	10′ 3″	8' 5"	8' 11"	8' 11"	8' 11"	8' 11"	8' 3"	8' 11"	8' 11"	8' 11"	GROUP A	(2) 2X4 "L"
	11' 7"	11' 10"	11' 10"	12' 1"	12' 1"	11' 3"	11' 3"	11' 3"	11' 7"	10' 4"	10' 9"	10' 9"	11' 0"	11' 0"	10′1″	10′ 3″	10'3"	10′ 6″	8' 5"	9' 5"	9′5"	9' 7"	9' 7"	8' 3"	8' 11"	8' 11"	9, 2,	GROUP B	BRACE **
	13' 10"	14'0"	14' 0"	14' 0"	14' 0"	13' 6"	14' 0"	14'0"	14' 0"	11' 11"	13' 5"	13' 5"	13' 5"	13' 5"	11' 8"	13' 5"	13' 5"	13' 5"	9' 9"	11' 4"	11' 5"	11' 9"	11' 9"	9' 6"	11' 1"	11' 2"	11' 9"	GROUP A	(1) 2X6 "L"
			14' 0"		14' 0"	13' 6"	14' 0"	14' 0"	14' 0"	11' 11"	14' 0"	14' 0"	14' 0"		11' 8"	13' 5"	13' 5"		9' 9"		11' 5"		12' 8"			11' 2"	12' 1"	GROUP B	BRACE *
	14' 0"		14' 0"					14' 0"				14' 0"								14' 0"	"	14' 0"	14' 0"		14'0"	14' 0"	14' 0"	GROUP A	(2) 2X6 "L"
	14' 0"		14' 0"			14' 0"	14' 0"					14' 0"	14' 0"			14' 0"				14'0"	14' 0"	14' 0"	14' 0"		14' 0"			GROUP B	BRACE **

DOUGLAS FIR-LARCH #3 STUD

SOUTHERN PINE #3 STUD

STANDARD

STANDARD

GROUP B:

HEM-FIR

SPRUCE-PINE-FIR
#1 / #2 STANDARD

#3

STUD

#3 75

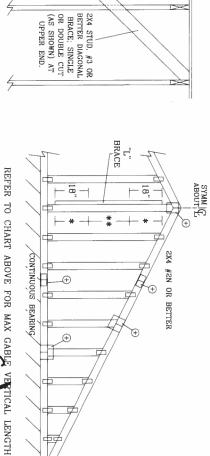
STANDARD

HEM-FIR STUD

BRACING GROUP SPECIES AND GRADES:

GROUP

A



BRACE IS USED. CONNECT DIAGONAL BRACE FOR 700# AT EACH END. MAX WEB TOTAL LENGTH IS 14'.

ž

TABLE ABOVE.

CONNECT DIAGONAL AT MIDPOINT OF VERTICAL WEB.

VERTICAL LENGTH SHOWN

DIAGONAL BRACE OPTION: VERTICAL LENGTH MAY BE DOUBLED WHEN DIAGONAL

GABLE TRUSS

GABLE TRUSS DETAIL NOTES:

SOUTHERN PINE #1 #2

DOUGLAS FIR-LARCH

12

LIVE LOAD DEFLECTION CRITERIA IS L/240.

PROVIDE UPLIFT CONNECTIONS FOR 100 PLF OVER CONTINUOUS BEARING (5 PSF TC DEAD LOAD).

GABLE END SUPPORTS LOAD FROM 4' 0"

OUTLOOKERS WITH 2' 0" OVERHANG, OR 12"

PLYWOOD OVERHANG.

ATTACH EACH "L" BRACE WITH 10d NAILS.

\* FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C.
IN 16" END ZONES AND 4" O.C. BETWEEN ZONES.

\*\* FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C.
IN 16" END ZONES AND 6" O.C. BETWEEN ZONES.

"L" BRACING MUST BE A MINIMUM OF 80% OF WEB
MEMBER LENGTH.

REFER TO COMMON TRUSS DESIGN FOR PEAK, SPLICE, AND HEEL PLATES.	GREATER THAN 11' 6"	GREATER THAN 4' 0", BUT LESS THAN 11' 6"	LESS THAN 4' 0"	VERTICAL LENGTH	GABLE VERTICAL PLATE SIZES
S DESIGN FOR PLATES.	2.5X4	2 <b>X</b> 4	1X4 OR 2X3	NO SPLICE	TE SIZES

ITW BUILDING COMPONENTS GROUP, INC. POMPANO BEACH, FLORIDA

ALPINE

MAX. TOT. LD. 60 PSF

STATE OF

MAX. SPACING 24.0"

REF ASCE7-02-GABI1030
DATE 2/23/07
DRWG A11030EE0207
-ENG
-ENG



VERTICAL LENGTH

PLATE

IF PLATES
OVERLAP\*

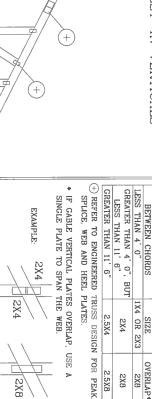
2X8

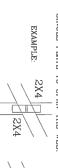
2X4 SIZE

2.5X8 8XS GABLE VERTICAL PLATE

SIZES

ABOUT L





2X8



ATTACH EACH "T" REINFORCING MEMBER WITH PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN

HAND DRIVEN NAILS: 10d COMMON (0.148"X 3.",MIN) TOENAILS AT 4" O.C. PLUS (4) 16d COMMON (0.162" X 3.5",MIN) TOENAILS IN TOP AND BOTTOM CHORD

8d COMMON (0.131"X 2.5", MIN) TOENAILS AT 4" O.C. PLUS (4) TOENAILS IN TOP AND BOTTOM CHORD.

THIS DETAIL TO BE USED WITH THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR SBCCI WIND LOAD.

ASCE 7-93 GABLE DETAIL DRAWINGS

REINFORCING MEMBER

TOENAILS

RIGID SHEATHING

GUN DRIVEN NAILS:

TRUSS

TOENAILS SPACED AT 4" O.C.

ASCE 7-98 GABLE DETAIL DRAWINGS A11015EN0207, A10015EN0207, A09015EN0207, A08015EN0207, A07015EN0207, A11030EN0207, A09030EN0207, A08030EN0207, A07030EN0207

SCE 7-02 GABLE DETAIL DRAWINGS A13030EC0207, A12030EC0207, A11030EC0207, A10030EC0207, A08530EC0207 A13015EC0207, A12015EC0207, A11015EC0207, A10015EC0207, A08515EC0207

A13015EE0207, A12015EE0207, A11015EE0207, A10015EE0207, A08515EE0207, A13030EE0207, A12030EE0207, A11030EE0207, A10030EE0207, A08530EE0207

A13030E50207, A12030E50207, A11030E50207, A10030E50207, A08530E50207 A13015E50207, A12015E50207, A11015E50207, A10015E50207, A08515E50207 ASCE 7-05 GABLE DETAIL DRAWINGS

SEE APPROPRIATE ALPINE GABLE DETAIL (ASCE OR SBCCI VERTICAL LENGTH. WIND LOAD) FOR MAXIMUM UNREINFORCED GABLE



TOENAILS

CEILING

\*\*AVARNING\*\* TRUSSES REDUIRE EXTREME CARE IN FABRICATING, HANDING, SHIPPING, INSTALLING BRACHING. REFER TI DESI GUULDING COMPIDENT ASFETY INFORMATION, PUBLISHED BY TPI CITRUSS INSTITUTE. 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA. 2234) AND "TICA CYCODD TRUSS COMMERCIA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIDE TO PERCENTIFIC FUNCTIONS. UNLESS OTHERWISE INDICATED. TIP CHORD SHALL HAVE PROPERTY ATTACHED STRUCTURALLY AND BOTTOM CHORD SHALL HAVE PROPERTY ATTACHED STRUCTURALLY AND BOTTOM CHORD SHALL HAVE PROPERTY ATTACHED RIGHD CEILING.

INJURDED NATION FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. (TW BCG, INC. SALL NOT BE RESPONSIBLE FOR NAW DEVIATION FROM THIS DESIGN ANY FAILURE TO BUILD THE TRUSS IN CONTRIBHACT UTHIN FOR FABRICATION, SHOPING, INSTALLING BERACING OF TRUSSES. DESIGN CONFIDENC WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AFRADA AND TP). IT WERE CONFECTION FAIRS ARE MADE OF 2018/16/56A (\*\*), MESSZW) ASTH MASS GRADE 40/60 (\*\*), MESSZ GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DEALYING FOR THE TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DEALYING PROPERSONAL BEFORE ANALY AS OF THE 1-2002 SEC. 3. A SEAL ON THIS DEALYING INDICATES ACCEPTANCE OF PROFESSIONAL EXCHANGE OF PROPESSIONAL CHARGE OF THIS DEALYING SOURCE, OF THIS DEALYING INDICATES ACCEPTANCE OF PROFESSIONAL CHARGE OF THIS DEALY OF THIS DEALYING INDICATES ACCEPTANCE OF PROFESSIONAL CHARGE OF THIS DEALY OF THIS D

ITW BUILDING COMPONENTS GROUP, INC. POMPANO BEACH, FLORIDA

ALPINE

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

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

WEB LENGTH INCREASE W/ "T" BRACE MAXIMUM ALLOWABLE "T" REINFORCED GABLE VERTICAL LENGTH IS 14' FROM TOP TO BOTTOM CHORD.

		_		_	_	_													_	
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	WIND SPEED AND MRH
	_		_		_		_				-		Ξ		Ξ		Η		Ξ	
2x6	2x4	2x6	2 <b>x</b> 4	2x6	2x4	2 <b>x</b> 6	2x4	2x6	2x4	2x6	2 <b>x</b> 4	2 <b>x</b> 6	2x4	2 <b>x</b> 6	2 <b>x</b> 4	2x6	2 <b>x</b> 4	2x6	2x4	"T" REINF. MBR. SIZE
2 01		0 %	0 %	20 %	20 %	7 01	10 %	30 %	10 %	20 %	20 %	40 %	2 01	30 %	10 %	50 %	10 %	40 %	10 %	SBCCI
30 %		20 %	20 %	40 %	2 01	30 %	20 %	50 %	2 01	40 %	10 %	40 %	10 %	50 %	7 01	50 %	10 %	50 %	10 %	ASCE
_																				

#### EXAMPLE:

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

REPLACES DRAWINGS GAB98117 876,719 & HC26294035

		REF	LET-IN VERT
×++	1	DATE	DATE 2/23/07
COL		DRWG	DRWG GBLLETIN0207
CENS		-ENG	-ENG DLJ/KAR
No. 52212	MAX TOT. LD. 60 PSF		
**************************************	DUR. FAC. ANY		
STATE OF	MAX SPACING 24.0"		
COND THOUSE		2	

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

											_				_	_	_							_	_	_			
		]	M	A	X		C	<del>,</del>	\]	3]		<u>.</u>		V	E	R	Τ.	'I	С	A	L		L	E	N		[נ	ΤН	
		1	2	,,		0	. (	ζ.			1	6	,,		0	. (	7.			2	4	,,		0	. (	<u> </u>		SPACING	GVBI
			)   	<u>.</u>	)	TII	I I	CLL				)	<u>V.</u>	)	TIL	I I	O'T'				1	<u>.</u>	) j	TIL	I I	ひて	Ξ Ξ	SPACING SPECIES	2X4
	STANDARD	STUD	#3	#2	#1	STANDARD	STUD	#3	#1 / #2	STANDARD	STUD	#3	#2	#1	STANDARD	STUD	#3	#1 / #2	STANDARD	STUD	#3	#22	#1	STANDARD	STUD	#3	#1 / #2	GRADE	BRACE
	4' 11"	5, 0,"	5 0"	5 Ω	5' 4"	4' 9"	4' 9"	4' 9"	4' 11"	4. 5."	4' 6"	4' 6"	4' 9"	4' 10"	4' 4"	4' 4"	4' 4"	4' 5"	3' 10"	4' 0"	4' 0"	4' 2"	4' 3"	3' 9"	3' 9"	3' 9"	3' 10"	BRACES	Ö
	7' 5"	8, 5,	8' 5"	8' 5"	α <sub>1</sub>	7' 3"	8, 5,	8, 2,	8, 5,	6' 5"	7' 6"	7' 7"	7' 8"	7' 8"	6' 4"	7' 4"	7' 4"	7' 8"	5 3	6, 1,	6, 2,	6' 8"	6' 8"	5' 2"	6' 0"	6' 0"	6' 8"	GROUP A	(1) 1X4 "L"
	7' 5"	8' 7"	8' 5"	9' 1"	9' 1"	7' 3"	8, 5,		8' 8"	6' 5"	7' 6"	7' 7"	8' 3"	හ ය	6' 4"	7' 4"	7' 4"	7' 10"	σ <sub>1</sub>	6' 1"	6' 2"	7' 2"	7' 2"	5' 2"	6' 0"	6' 0"	6' 10"	GROUP B	," BRACE .
	9' 10"	10' 0"	10' 0"	10' 0"	10' 0"	9' 7"	10' 0"	10' 0"	10' 0"	8' 6"	9' 1"	9' 1"	9' 1"	9' 1"	8' 4"	9' 1"	9' 1"	9' 1"	6' 11"	7' 11"	7' 11"	7' 11"	7' 11"	6' 9"	7' 11"	7' 11"	7' 11"	GROUP A	(1) 2X4 "L"
SYMM IC	9' 10"	10' 6"	10' 6"	10' 9"	10' 9"	9' 7"	10' 0"	10' 0"	10' 3"	8' 6"	9' 6"	9' 6"	9' 9"	9' 9"	8' 4"	9' 1"	9' 1"	9' 4"	6' 11"	8' 0"	8' 1"	8' 6"	8' 6"	6'9"	7' 11"	7' 11"	8' 1"	GROUP B	" 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"	12' 6"	12' 10"	12' 10"	11' 11"	11' 11"	11' 11"	12' 3"	11' 1"	11' 4"	11' 4"	11' 8"	11' 8"	10' 10"	10' 10"	10' 10"	11'1"	9' 4"	9' 11"	9' 11"	10' 2"	10' 2"	9' 1"	9' 5"	9' 5"	9' 8"	GROUP B	" BRACE **
	14' 0"	14' 0"	14' 0"	14'0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	13' 3"	14' 0"	14' 0"	14' 0"	14' 0"	12' 11"	14' 0"	14' 0"	14' 0"	10' 10"	12' 5"	12' 5"	12' 5"	12' 5"	- 1	12' 3"	12' 4"	12' 5"	GROUP A	(1) 2X6 "L"
	14' 0"	14' 0"		14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	-	14' 0"	14' 0"		14' 0"	12' 11"		14' 0"	14' 0"	10' 10"	12' 6"					12' 3"	12' 4"	12' 9"	GROUP B	BRACE *
	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"		14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"		14' 0"	14' 0"	14' 0"	GROUP A	(2) 2X6 "L"
	14' 0"		1		- 1	14' 0"	14' 0"		14' 0"	14' 0"	14' 0"	14' 0"		14' 0"	14' 0"	14'0"	14'0"	14'0"	14' 0"	14' 0"	14' 0"		14'0"		- 1	14' 0"	14' 0"	GROUP B	BRACE **

DOUGLAS FIR-LARCH

SOUTHERN PINE

STANDARD

STANDARD

GROUP B:

#1 & BTR HEM-FIR SPRUCE-PINE-FIR

#3

STUD

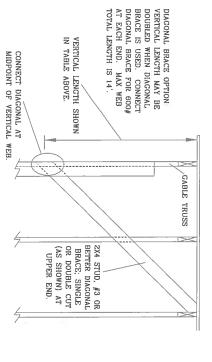
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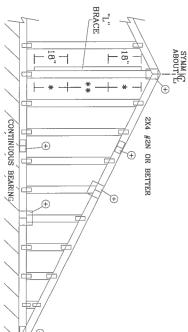
STANDARD

HEM-FIR 2 STUD

BRACING GROUP SPECIES AND GRADES:

GROUP





TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

REFER

GABLE TRUSS DETAIL NOTES:

SOUTHERN PINE

DOUGLAS FIR-LARCH

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

ATTACH EACH "L" BRACE WITH 10d NAILS.

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

\* FOR (2) "L" BRACES: AND 4" O.C. BETWEEN ZONES.

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

IN 18" END ZONES AND 6" O.C. BETWEEN ZONES.

MEMBER LENGTH. "L" BRACING MUST BE A MINIMUM OF 80% OF WEB

PEAK, SPLICE, AND HEEL PLATES.	GREATER THAN 11' 6"	GREATER THAN 4' O", BUT LESS THAN 11' 6"	LESS THAN 4' 0"	VERTICAL LENGTH	GABLE VERTICAL PLATE SIZES
SS DESIGN FOR PLATES.	2.5X4	T 2X4	1X4 OR 2X3	NO SPLICE	ATE SIZES

PONSIBILITY OF THE BUILDING DESIGNER, PER	DHPONENT DESIGN SIDVAL THE SUITABILITY AND	CV_HASSIVA AUSTON SEC. BY THE	SIGN, ANY FALLING B. BRACING OF TRUSSES	TTACHED RIGID CEILING.	SHALL HAVE PRIDERLY ATTACHED STRUCTURAL	RICATING, HANDLING, SHIPPING, INSTALLING AND INFORMATION). PUBLISHED BY TEL CTRUSS. PLATE
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MAX. SPACING 24.0"		MAX. TOT. LD. 60 PSF				
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				DRWG A11015	2/23/	ASCE7-0

ITW BUILDING COMPONENTS GROUP, INC POMPANO BEACH, FLORIDA ALPINE

\*\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESI GBUILDING COMPONENT SAFETR KORRHATION, PUBLISHED BY FIR CRUSS PLATINSTITUTE, 218 HORTH LEE SIR, SUITE 312, ALEXANDRIA, VA. 22314) AND VITCA VOODD TRUSS COUNCY AMERICA, 6300 ENTERRISE LN, HADISON, VI 537199 FOR SAFETY PRACTICES PRIDE TO PERFORMING FIRE FUNCTIONS. UNICESS OTHERUSE INDICATED. THE CRUSS OF SAFETY PRACTIONS. OF STREETS OTHERUSE ROOTS AND THAT PROPERTY ATTACHED STRUCTURAL PROPERTY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERTY ATTACHED RIGID CEILING.

\*\*IMPORTANT\*\* FURNISH COPY OF THIS DESIGN TO INSTALLA

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