ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844 Florida Engineering Certificate of Authorization Number: 0 278 Florida Certificate of Product Approval # FL1999 Document ID:1TDG8228Z0120085543

Truss Fabricator: Anderson Truss Company

Job Identification: 7-285--Isaac Construction RYAN & JULIE CADY -- Southwood Meadows , **

Truss Count: 77

Model Code: Florida Building Code 2004 and 2006 Supplement

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

Engineering Software: Alpine Software, Versions 7.36, 7.41.

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:

38 11212--F-GE

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

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

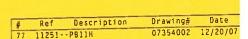
3. As shown on attached drawings; the drawing number is preceded by: HCUSR8228

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

#	Ref Description	Drawing#	Date
ī	11175Al	07354073	12/20/07
2	11176A18	07354063	12/20/07
3	11177A17	07354033	12/20/07
4	11178A16	07354060	12/20/07
5	11179A15	07354061	12/20/07
6	11180A14	07354059	12/20/07
7	11181 A13	07354058	12/20/07
8	11182A12	07354052	12/20/07
9	11183A11	07354050	12/20/07
10	11184A2	07354048	12/20/07
11	11185A5	07354037	12/20/07
12	11186A6	07354038	12/20/07
13	11187A7	07354045	12/20/07
14	11188AB	07354046	12/20/07
15	11189A9	07354041	12/20/07
16	11190A10	07354047	12/20/07
17	11191H11A	07354057	12/20/07
18	11192H7A	07354027	12/20/07
19	11193H9A	07354043	12/20/07
20	11194A3	07354026	12/20/07
21	11195 A4	07354034	12/20/07
22	11196B3	07354056	12/20/07
23	11197H7B	07354065	12/20/07
24	11198H9B	07354070	12/20/07
25	11199B1	07354023	12/20/07
26	11200B2	07354055	12/20/07
27	11201H11B	07354030	12/20/07
28	11202 - · C2	07354003	12/20/07
29	11203C3	07354004	12/20/07
3.0	11204 C4	07354005	12/20/07
31	11205C1	07354006	12/20/07
32	11206 C - GE	07354024	12/20/07
33	11207 D2	07354016	12/20/07
34	11208D3	07354042	12/20/07
35	11209 D1	07354005	
36	11210E1	07354015	
37	11211E-GE	07354018	
0.0	***** F CE	07354006	12/20/07

07354006 12/20/07

#	Ref Description	Drawing#	Date
39	11213F1-GDR	07354013	12/20/07
40	11214H11G	07354029	12/20/07
41	11215H13G	07354031	12/20/07
42	11216H15G	07354049	12/20/07
43	11217G1	07354051	12/20/07
44	11218G2	07354053	12/20/07
45	11219H9G	07354028	12/20/07
46	11220I1	07354012	12/20/07
47	11221I-GE	07354001	12/20/07
48	11222J2	07354039	12/20/07
49	11223J1B	07354020	12/20/07
50	11224HJ1	07354019	12/20/07
51	11225EJ1	07354021	12/20/07
52	11226HJ7A	07354017	12/20/07
53	11227EJ7B	07354032	12/20/07
54	11228EJ7C	07354035	12/20/07
55	11229EJ7D	07354036	12/20/07
56	11230J1	07354008	12/20/07
57	11231HJ7	07354022	12/20/07
58	11232 J3	07354011	12/20/07
59	11233J5	07354010	12/20/07
60	11234J1AA	07354007	12/20/07
61	11235 J3AA	07354004	12/20/07
62	11236J6AA	07354054	12/20/07
63	11237EJ7	07354009	12/20/07
64	11238EJ7AA	07354072	12/20/07
65	11239EJ7A	07354071	12/20/07
66	11240EJ7B	07354064	12/20/07
67	11241M1	07354014	12/20/07
68	11242M5	07354025	12/20/07
69	11243PB3	07354044	12/20/07
70	11244PB5	-07354040	12/20/07
71	11245PB7	07354068	
72	11246 PB4	07354062	12/20/07
73		07354069	
74		07354067	
75		07354003	
76	11250PB2	07354066	12/20/07
		S. Historica Control	



Seal Date: 12/20/2007

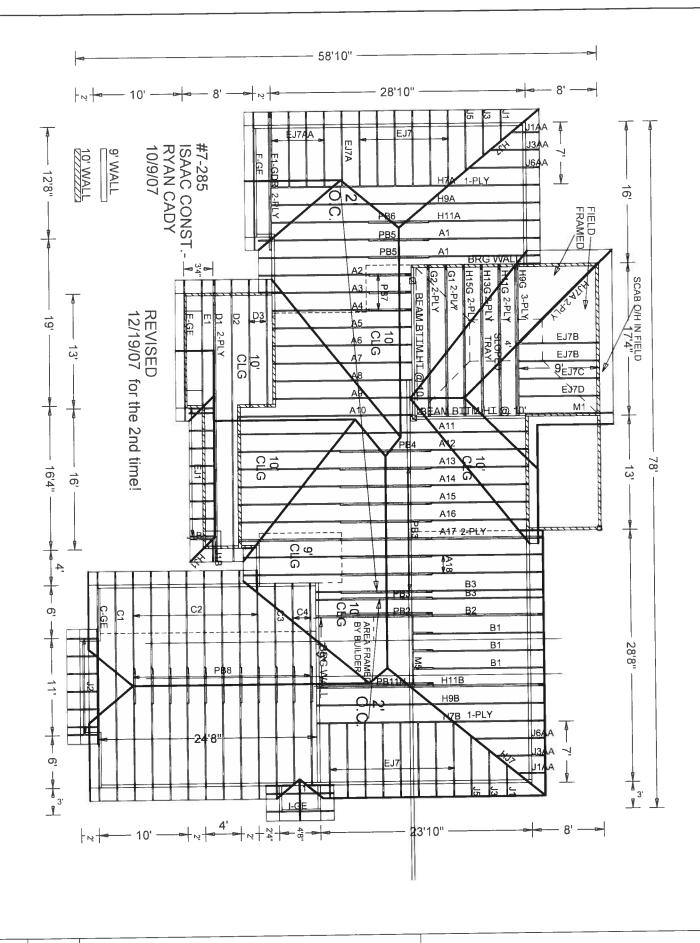
-Truss Design Engineer-

James F. Collins Jr.

Florida License Number: 52212

1950 Marley Drive Haines City, FL 33844





JOB NO: 7-285 PAGE NO: 1 OF 1 JOB DESCRIPTION:: Isaac Construction /: RYAN & JULIE CADY

Bot chord 2x4 SP
Webs 2x4 SP PLT TYP. In lieu of structural panels use purlins to brace all flat TC @ 24" 0C. FI Cartificate of Authorization # 0 779 ITW Building Components Group, Inc. Haines City, FL 33844 ALPINE Wave 1-6-0 2.5X6(B1) =#2 Dense R=1347 U=104 W=4" **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE THISTALLATION CONTRACTOR. IT WEEG, THE, SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FATLURE FO BHILD THE TRUSS IN CONTORNANCE WITH PIT; ON FARRICATHIG, HANDLING, SHIPPIG, HISTALLING A BRACHING OF TRUSSES.

DESIGN CONTRINS WITH APPLICABLE PROVISIONS OF HIS DESIGN SPEC, BY ATAPA) AND FIT. IT HE GO CONTRICTOR PLATES ARE AND OF 70/18/16/AG (M.H.M.SK), ASTH ASSA GRADE 40/60 (M. K.M.SS) GALV SITEL. APPLY PLATES TO FACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON HIS DESIGN. POSITION FOR DRAWLINGS 160A Z. PLATES TO FACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON HIS DESIGN. POSITION FOR DRAWLINGS 160A Z. PLATES TO FACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON HIS DESIGN. POSITION FOR DRAWLINGS 160A Z. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY OF THIS COMPONENT FOR ANY BUILD **HARNING** IRUSSES REQUIRE EXIREHE CARE IN FARRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING. RETER TO BEST. (BUILDING COMPONENT SATELY INFORMATION). PUBLISHED BY THE (TRUSS PLATE INSTITUIT, 218 NORTH LEE SIREET, SUITE 117. ALEXANDRIA, NA, 22214) AND MICA (MODO TRUSS COUNCIL OF AMERICA. 6300 (HIERREISE LANE, HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNILESS GHIERRISE LORGICED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHT BETTOM CHORD SHALL HAVE BUILDING DESIGNER PER ANSI/TPI 1 SEC PHATES TO TACH FACE OF TRUSS AND, DHLESS DIMERHISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z 10 1.5X4 III 1-0-0 3X4 / 3X4 🕼 Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) 3 X 7 **=** 4 X 5 ≢ 28-10-0 Over 2 Supports BILLITY SOLELY FOR THE TRUSS COMPONENT 3 X 4 ≡ 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. Wind reactions based on MWFRS pressures. 7.36.0424 4 X 6 ≡ 3 X 4 ≡ 3 X 4 // 1.5X4 III 3 X 4 // 11-0-0 QTY:1 SPACING BC LL BC DL TC DL TC LL DUR.FAC. TOT.LD. FL/-/4/-/E/-/ 10 R-1347 U=104 W=4" $2.5 \times 6 (B1) =$ 24.0" 1.25 40.0 20.0 PSF 10.0 PSF 10.0 PSF 0.0 PSF PSF 1 6 0 JREF-FROM SEQN-DATE REF HC-ENG WHK/WHK DRW HCUSR8228 07354073 Scale = .25"/Ft. R8228- 11175 1TDG8228Z01 53342 12/20/07

PLT TYP. In lieu of structural panels use purlins to brace all flat TC @ 24" $\,$ 0C. Bot chord 2x4 SP
Webs 2x4 SP (A) Continuous lateral bracing equally spaced on member. FI Carificate of Amharization " 1770 ITW Building Components Group, Inc. ALPINE Wave 18. 3X5(B1) =#2 Dense #3 R-1440 U-115 W-4" 10 **MARNING.** TRUSSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RETER TO BOST (UNIT) NO REPORTED BY THE CRUSS PLATE INSTITUTE, ZIB HORTH LEE SIREEL, SUITE IZZ, ALEXANDRIA, NA, AZZIA) AND MICA (MODO TRUSS COUNCIL OF AMERIKA, 6300 CHIERREISE INDICATED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE BUILDING DESIGNER PER ANSI/IPI 1 1.5X4 W 3X4 / 3×5/ 13-4-0 Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) € 8 X 8 $3X8 \equiv 6X6 \equiv 7$ 30-10-0 Over 2 Supports 1.5X4 III 2 X 4 III 1-0-0 8 3 \times 4 = Ξ 1.5X4 III 5 X 6 = 5 X 5 = 17-6-0 within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi (+/-)=0.18 Wind reactions based on MWFRS pressures Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. 7.36.0424 3X4// 3 X 8 ≡ ģ R=1426 U=115 W=4"] 10 2.5X6 / 3 X 4 III 0TY:1 L18"J ВС ВС TC DL TC LL SPACING DUR.FAC. TOT.LD. FL/-/4/-2 /E/=/-40.0 20.0 24.0" 10.0 PSF 10.0 PSF 1.25 0.0 PSF PSF PSF JREF -FROM SEON DATE REF HC-ENG WHK/WHK DRW HCUSR8228 07354063 Scale = .1875"/ft. R8228 11176 1TDG8228Z01 53392 12/20/07

Bot chord 2x4
Webs 2x4
Filler 2x4 plot 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 Laterally brace BC at 24" 0C in lieu of rigid ceiling. Laterally brace BC above filler at 24" 0C.Note: All Plates Deflection meets $L/240\,$ live and $L/180\,$ total load. Creep increase factor for dead load is $1.50.\,$ See DWGS TCFILLER0207 and BCFILLER0207 for filler 1 Haines City, FL 33844 Haines City, FL 33844 TYP. l plate(s) require special positioning. Refer to scaled plate details for special positioning requirements. ALPINE 3X4(B1) Wave 4924 [18] #2 Dense Are R = 15281.5X4 Except As Shown. 10 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BEG. ING. SMALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE HUSS IN COMPORMANCE WITH FPI; OR FABRICATION, HANDLURG. SHEPPIG, HISTALLING A BRACHUM OF TRUSSES, DESIGN CONTROPS WITH APPLICABLE PROVISIONS OF DUDS (MAIDONAL DESIGN SEFE, BY AREA) AND TPI. THE BEG. CONNECTOR PLATES ARE HANDE OF 20/18/16/04. (WHISSEM) ASHA MASS GRADE 40/60 CM. K.M. SS) GALV. SITEL APPLY PLATES TO EACH FACE OF TRUSS AND. UNICSS OTHERNIST LOCATED ON THIS DESIGN, POSITION FER DEWARDING SIGN A. ANY INSPECTION OF PLATES TOLLOWED BY (1) SHALL BE PER ANNEX SO TIPIT 2002 SEC. 3. A SEAL ON THIS DESIGN SHOWN. THE SUBJECT OR THE TRUSS COMPONENT DESIGN SHOWN. THE SULTABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE ***MARNING** RUSSES REQUIRE EXPRINE CARE IN FARRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING.
RETER TO BEST (BUILDING, COMPONENT SAFETY INFORMATION). PHBLISHED BY TPJ (TRUSS PLATE INSTITUTE, 218
HORRILLE SIREIT, SUITE 312. ALEXANDRIA, NA, 22314) AND HEAT ACK (MODO TRUSS COUNCIL OF AMERICA. 6300
LINERREISE LANE, HADISON, HI 53719) FOR SAFETY PRACTICES PRIDE TO PERFORMING THESE FUNCTIONS. UNLESS
OTHERRISE LINEACTED FOR CHORD SHALL HAME PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAME
A PROPERLY ATTACHED RIGID CELLING. BUILDING DESIGNER PLR ANSI/IPI 1 SEC. 2. U=121 3X4 ø 3 X 5 // 13-4-0 Design Crit: $3X7 \equiv 5X6 \equiv \sqrt{1}$ € 8 X 8 details 2 Ö 32-10-0 2X4 III TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/0(0) 1-0-0 0ver $3X4 \equiv$ 9 N Supports RESPONSIBILITY OF THE 4 X 5 (R) 3 X 7 = SEE DWGS TCFILLER0207 AND BCFILLER0207 FOR FILLER DETAILS. LATERALLY BRACE BOTTOM CHORD ABOVE/BELOW FILLER AT 24" O.C. (OR AS DESIGNED) INCLUDING A LATERAL BRACE ON CHORD DIRECTLY ABOVE/BELOW BOTH ENDS OF FILLER (IF NO RIGID DIAPHRAGM Nailing Schedule: (12d_Common_(0.148"x3.25",_min.)_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @12.00" o.c. Wind reactions based on MWFRS pressures. 2 COMPLETE In OC. in each row to avoid splitting Webs : 1 Row @ 4" o.c. Use equal spacing between rows and stagger 19-6-0 3X5≡ lieu of structural panels use purlins to brace all flat TC @ 7.36.0424 10 3 X 4 ≡ Dec 3 X 4 🥢 TRUSSES REQUIRED 5 X 5 ₩ R-1403 U-110 W-4" 3 X 9 ➡ 0TY: 28 10 3 X 9 ≡ 1.5X4(**) Ⅲ BC DL SPACING DUR.FAC. TC DL TOT.LD. TC LL FL/-/4/-/E/-/-0-10-7 nails 40.0 24.0" 1.25 10.0 10.0 PSF 20.0 0.0 PSF PSF PSF _9 -0 -0 10-0-0 REF FROM SEQN-DATE JREF -HC-ENG WHK/WHK DRW HCUSR8228 07354033 Scale 24" R8228- 11177 =.1875"/Ft. 1TDG8228Z01 12/20/07 53476

Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 Provide for complete drainage of roof. In lieu of structural panels use purlins to brace all flat TC @ $24\ensuremath{^{"}}\xspace$ 0C. Max JT VERT DEFL: LL: 0.11" DL: 0.18" recommended camber (A) Continuous lateral bracing equally spaced on member LIV mpn wind, 15.00 It mean ngt, ASCE /-UZ, CLUSED bidg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/)=0.18 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Right end vertical not exposed to wind pressure. Wind reactions based on MWFRS pressures

1-2-2 3X4 III 4 X 8 = -1412 U-111 2 1 9 4 X 8 ≡ 5×6 = W-A " 3X4 / 8-10-7 $3 \times 4 =$ 10 Design Crit: 5 X 4 ≡ 3 X 7 = 3 X 5 **≡** TPI-2002 (STD) /FBC Ξ 32-10-0 Over 2 Supports 10 - 3 - 9 $3 \times 4 =$ \otimes 8 X 1 4 ≡ 5 X 5 ≡ 10 -6-7 4 X 4 /// 5 X 8 🚚 4 X 1 2 ≡ 4-0-0 R-1412 U-118 W-4" 3 X 9 ≡ 3X4 III ∞ 6 13 2

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Wave

ITW Building Components Group, Inc.
Haines City, FL 33844
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BUILDING DESIGNER PER ANSI/TPI 1 SEC.

ALPINE

IMPORTANTFURNISH 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 COMPORNANCE WITH FPI; OR FARRISH THO. MANDLEIGH. SHIPTHG. HISTALLING A BRACHING OF TRUSSES.

DISTOR CONTRIBUTES WITH APPLICABLE PROVISIONS OF HIDS (MATIONAL DESIGN SPEC, BY AFRA) AND IPT. THE RECOMMENDED OF TRUSSES, AND THE APPLY AND THE ARCHIVES OF TRUSSES, AND THIS DESIGN FOR THE BRAHINGS BOARD. AND THE BRAHINGS BOARD. AND THIS DESIGN FOR THE BRAHINGS BOARD. AND THE BRA

MARNING IRUSE'S REDNIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPTING, INSTALLING AND BRACING, REFER TO RESS, (BULLDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IPT (TRUSS PLATE INSTITUTE, 219 MORTH LIE SIRCE, SUITE 312, ALEXANDRIA, VA, 22314) AND NICA (MODD TRUSS COUNCIL OF AMERICA, 6300 CINTERENS LANE, MADISON, NI 53719] FOR SAFETY PRACTICES PRIOR TO PERFORNING INESE FUNCTIONS. DNICESS OTHERWISE INDICATED FOR DODRESS MALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE

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Scale = .25"/Ft. R8228- 11178

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12/20/07

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HC-ENG DAL/AP

DRW HCUSR8228 07354060

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SPACING DUR.FAC. TOT.LD.

24.0" 1.25 40.0

JREF-FROM

1TDG8228Z01

Bot chord 2x4
Webs 2x4 4 SP #2 Dense 4 SP #3

End verticals not exposed to wind pressure

(A) Continuous lateral bracing equally spaced on member.

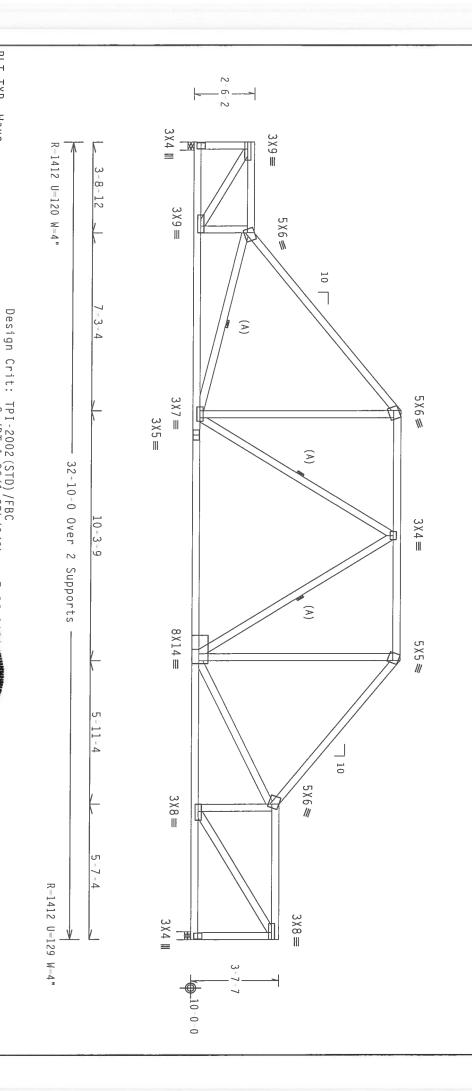
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,.$

LIU mpn wind, 15.54 TL mean ngt, ASCE /-UZ, CLUSED bidg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi (+/-)=0.18

Wind reactions based on MWFRS pressures.

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

Provide for complete drainage of roof



PLT TYP.

Wave

FI Constructe of Authorization # 0 270

ITW Building Components Group, Inc.

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Scale = .25"/Ft. R8228- 11179

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BUILDING DESIGNER PER ANSI/IPI 1 SEC.

ALPINE

IMPORTANTFURMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BEG. THE. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FALLURE FO BUILD THE TRUSS IN COMPORNANCE WITH FILE OR FLARE ACTION. AND LINE, SHEPPING, INSTALLING A BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF DNDS (MATIONAL DESIGN SPEC, BY ATRA) AND TRI. THE BEG. COMMICTOR PARTES ARE MADE OF 207/18/16/64 (M. HISSEY). ASTH A653 GRADE 407/60 (M. K./M. SS) GALV SITEE, APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OF DIRECTS DOTTED ON THIS DESIGN, POSITION PRE DRAWLINGS 160A A. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX AS OF TPIJ 2003 SEC. 3. A SEAL ON THIS ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX AS OF TPIJ 2003 SEC. 3. A SEAL ON THIS

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

Bot chord 2x4
Webs 2x4 4 SP #2 Dense 4 SP #3

End verticals not exposed to wind pressure

(A) Continuous lateral bracing equally spaced on member.

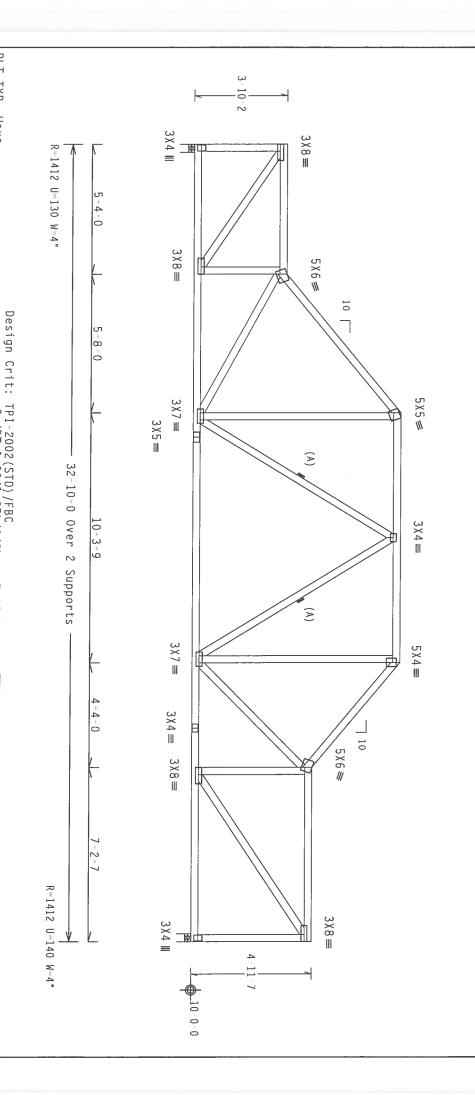
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\mathrm{.}$

LIV mpn wind, 15.21 TT mean ngt, ASCE /-UZ, CLUSED bidg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf. lw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

Provide for complete drainage of roof



PLT TYP.

Wave

FI Carificate of Authorization # 0 770

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

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPO

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SPACING DUR.FAC. TOT.LD.

24.0"

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1TDG8228Z01

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53506

HC-ENG WHK/WHK DRW HCUSR8228 07354059

FROM

TC DL TC LL

10.0 PSF 10.0 PSF 0.0

> DATE REF

12/20/07

PSF

ВС

2

BUILDING DESIGNER PER ANSI/1PI 1

ALPINE

IMPORTANTFURNISH A COPY OF THIS DESIGN 10 THE THISTALLATION CONTRACTOR. THE BUSS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE BUSS IN COMFORMANCE WITH IP): OR FLAREACTING, HANDLIGG, SUPPPING, INSTALLING A BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MDS. (MATIONAL DESIGN SPEC, SY ATRAY) AND IP).

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MDS. (MATIONAL DESIGN SPEC, SY ATRAY) AND IP).

THE BUSSES OF THE APPLICABLE PROVISIONS OF MDS. (MATIONAL DESIGN SPEC, SY ATRAY) AND IP).

APPLICABLE OF THE SECOND OF THE STATE APPLICABLE OF THIS DESIGN, POSITION PER DRAWHIGS 160A Z.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AT OF FPIT 200S SEC.3.

A SEAL ON THIS

***WARNING** PRISSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING RETER TO RESI. (BUILDING COMPONENT SAFETY INFORMATION).

**RETER TO RESI. (BUILDING COMPONENT SAFETY INFORMATION) FOR THE BY THE TREE TREET, SHITE HISTITUE, 218 HORTH LEE STREET, SHITE JEZ ALEXANDRIA, VA. ZEZJA) AND JECA (MODO TRUSE COUNCIL OF ARERGA. 6300 CHINERREISE LINGLATED OF CHORDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAHELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED TRIGET BIGGED CELLING.

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

7.36.0424

0TY:1

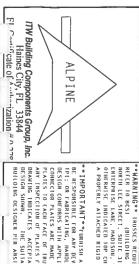
FL/-/4/-

/E/-/ 20.0

Scale = .25"/Ft.

R8228 11180

End Bot chord 2x4 SP Webs 2x4 SP Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\mathrm{.}$ (A) Continuous lateral bracing equally spaced on member verticals not exposed to wind pressure. G 2 3 X 4 Ⅲ 3X8 **≡** #32 Dense 3 X 8 = 5 X 6 ≢ 10 5 X 4 ≡ 3 X 7 ≡ 3 X 5 ≡ (A) 32-10-0 Over 2 Supports $3 \times 4 \equiv$ 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 all flat TC @ 24" $\,$ 0C. Wind reactions based on MWFRS pressures. Provide for complete drainage of roof \odot 3 X 7 == $5 \times 4 \equiv$ 5X6₩ 3 X 4 ≡ 1.5X4 Ⅲ 4 X 8 = -103X6(R) 3X4 III 10-0-0



PLT TYP.

Wave

R-1412 U-144 W-4"

WARNING IRUSKIS REQUIRE EXTREME CARE IN FARRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING. REFER TO BEST QUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE ITZ, ALEXANDRIA, VA, 25214) AND HICA (MODD IRUSKS COUNCIL OF AMERICA. 6300 CHNEERRISE LANE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HESE THICTIONS. UNITES OTHER WISH INCIDENCE TO THE SAFETY PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

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

7.36.0424

0TY:1

FL/-/4/-/E/-/-

Scale = .25"/Ft.

R8228- 11181

R-1412 U-156 W-4"

TC LL

P P

20.0 PSF 10.0 PSF

REF

12/20/07

IMPORTANTCURRISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM HITS DESIGN. ANY FAILURE TO BUILD HE BRUSS IN COMPORMANCE WITH IP: OR FARRICATING, MANDLING, SUPPING, HESTALLING A BRACLING OF TRUSSES,

DESIGN CONTRORS WITH APPLICABLE PROVISIONS OF MDS (MAITONAL DESIGN SPEC, BY AFAPA) AND TPI.

CONNECTOR PLATES ARE MODE OF 20/18/160A (M.H/SS/K) ASH MASS GRANDE 40/60 (M. X/HLSS) GALV. STEEL, APPLY
PLATES TO ACHE FACE OF RUSSS AND, MILESS OFHERHISE LOCATED ON THIS DESIGN, POSITION PER BRACHIGS 160A Z.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SINALL BE FER ANNEX AS TO FPIT 2002 SEC. 3. A SEA, ON THIS

DRAWLING HIDTOLATES ACCENCED BY (1) SINALL BE FER ANNEX AS TO FPIT 2002 TRC. 3. A SEA, ON THIS

DRAWLING HIDTOLATES ACCENCED BY (1) SINALL BE FER ANNEX AS TO FPIT 2002 TRC. 3. A SEA, ON THIS

DRAWLING HIDTOLATES ACCENCED BY (1) SINALL BE FER ANNEX AS TO FPIT 2002 TRC. 3. A SEA, ON THIS

DRAWLING HIDTOLATES ACCENCED BY (1) SINALL BE FER ANNEX AND THIS DESIGN SINGHE, A SECONSIBILITY SOLICY FOR THE TRUSS COMPONENT

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

VORIVO.

SPACING

1.25

JREF-

1TDG8228Z01

ВС

TOT.LD.

40.0

SEQN-

53513

DRW HCUSR8228 07354058 HC-ENG WHK/WHK

TC BC

10.0 PSF 0.0 PSF

Bot chord 2x4
Webs 2x4 PLT TYP. End Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. (A) Continuous lateral bracing equally spaced on member. FI Comificate of Authorization # 0 270 ITW Building Components Group, Inc. verticals not exposed to wind pressure 5 ALPINE Wave 1.5X4 Ⅲ $2.5 \times 6 \equiv$ SP #2 R-1384 U-146 W-4" 2-8 _5X8≢ Dense 3 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE MEG. THE SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONTORNAMEE WITH PIC. OR FARREACHING. SHAPING. HISTALLING A BRACING OF TRUSSES.

DESIGN CONTORNS HITH APPLICANT PROVISIONS OF NOS (MATIONAL DESIGN SPEC. BY ATAPA) AND IPI. THE BCG CONNECTOR PLATES ARE HADE OF 20/18/16/66 (H.M.75K) AND HADE SHAPE NOT 20/18/16/66 (H.M.75K) AND HADE SHAPE NOT 20/18/16/66 (H.M.75K) AND HES TO LACH TACE OF TRUSS AND. UNICES OTHERNISE LOCATIO ON THIS DESIGN, POSITION PER DRAWINGS 166A A. ANY INSECTION OF TALES FOLLOWED BY (I) SHALL BE PER ABBLEY AND FOLLOWED BY (I) SHALL BE FER ABBLEY BY AND FOLLOWED BY (I) SHALL BE FER ABBLEY BY ABBLEY AND FOLLOWED BY (I) SHALL BE FER ABBLEY BY AND FOLLOWED BY (I) SHALL BE FER ABBLEY BY ABBLEY BY AND FOLLOWED BY (I) SHALL BE FER ABBLEY BY ABBLEY BY ABBLEY BY ABBLEY BY ABB ***MANNING** IRUSE'S RIOHIRE EXERPE CARE IN FABRICATION, HANDING, SHIPPING, INSTALLING AND BRACING.

RETER TO BCSI.

ROBLED NO CONTROL OF THE STALL HASHING AND BRACING.

RETER TO BCSI.

ROBLED ST PP. IRUSE PLAIL HASHING AND BRACING.

ROBLED ST PP. IRUSE COUNCIL OF AMERICA. 6300

CHICERRISE LAME, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNIESS

OTHERWISE INDICATED TO PHOROD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAWELS AND BOTTOM CHORD SHALL HAVE

A PROPERLY ATTACHED RIGID CEILING. HUILDING DESIGNER PER ANSI/IPI I SEC DRAHING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT 10 h Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) 3X10 =5 10 5 X 5 **■** 3 X 5 ≡ 32-10-0 Over 2 Supports OZ SEC.3:
A SEAL ON THE SOLELY FOR THE TRUSS COMPONENT OF THE SEAL ON THE 1.5X4 III 3 X 7 ≡ (A) 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 all flat TC $\,$ 0C. Wind reactions based on MWFRS pressures. 7.36.042 Dec 5 X 5 ≡ CORION 1-10 3 X 4 ≡ 10 3 X 4 ≡ 5 X 1 2 ₩ \otimes SPACING BC LL **1**8 DUR.FAC. TCTOT.LD. 7 FL/-/4/-/E/-/-DL 민 4 X 8 == .0-4-13 .5X4 III 40.0 20.0 10.0 PSF 24.0" 1.25 10.0 PSF 0.0 PSF PSF R-1383 U-170 W-4" Ξ 4X4(R) III FROM DATE REF JREF-SEQN-HC=ENG WHK/WHK DRW HCUSR8228 07354052 3X4 III Scale = .25"/Ft. @ 24" R8228 11182 1TDG8228Z01 53518 12/20/07 10-0-0

Bot chord 2x4 Webs 2x4 (B) $1x4\ \#3$ or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" OC. End verticals not exposed to wind pressure Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\mathrm{cm}$ (A) 2x6 #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" 0C. Haines City, FL 33844
Fl Cariff cate of Amharization #0 770 TYP. ALPINE 4X5 📗 8 Wave 3 X 4 III SP #2 R-1386 U-152 W-4" "zation " 0 770 3-2-8 Dense DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY DESIGN SUMMA. THE SULFABILITY AND USE OF THIS COMPONENT FOR ANY BUILD BUILDING OESTGARE FER ANSI/FF1 1 SEC. 2. **IMPORTANT**TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, THC. SHALL NOT BE RESPONSIBLE FOR ANY OFFICIAL ROPE HAD SHALL FOR THE RESIDENCE OF A BRIDGHAME OF THE SHALL FOR THE PI: OF FABRICATING, INDIVIDE, SHIPPILIDE, BY A FARE AND THE SHALL FOR THE SHALL FROM THE SH **WARNING** TRUSSES REQUIRE EXIREME CARE IN FARRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING.
RETER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY FF (TRUSS PLATE INSTITUTE, 218
MORTH LEE STREEL, SUITE 312, ALEXANDRAL, VA, 22313) AND WICA (MOOD TRUSS COUNCIL OF AMERICA, 6300
FINERREISE (ALME, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORHING THESE FUNCTIONS, UNLESS
OTHERNISE HOLDCARED FOR CORDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL FAMELS AND BOTTOM CHORD SHALL HAVE
A PROPERLY ATTACHED REGID CELLING. 3 X 8 ≡ 5 X 4 ≢ PLATES TO EACH NESTION COMMISSION SHIP APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AFAPA) AND IP1. ITH BCG CONNECTOR PLAIES ARE HADE OF 70/18/16GA (N.H./SS)K) ASTH AGS3 GRADE 40/50 (N. K/N.SS) GALV. STEEL, APPLY PLAIES TO EACH FACE OF TRUSS AND. UNLESS OTHERWIST LOCATED ON THE CONTROL OF THE PLAIES OF TRUSS AND. Ξ Design Crit: BY (1) SHALL BE PER ANNLY AS OF 1P11 2002 SEC. 3. A SEAL ON THIS TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) 10 3 × 5 ≡ (B) 4 X 5 (R) 32-10-0 Over 2 Supports 3 X 7 ≡ SOLELY FOR THE TRUSS COMPONENT HG IS THE RESPONSIBILITY OF THE = 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 (+/-)=0.18In lieu of structural panels use purlins to brace all flat TC @ 24" OC. Wind reactions based on MWFRS pressures. 16d 5 X 6 ≡ 3 \ 4 ≡ 7.36.0424 5 X 5 🚚 0r or better "T" brace. 80% length of web member. Attach with Gun (0.135"x3.5",min.)nails @ 6" 0C. (B) Dec 10 3 X 4 ≡ (2) (B) ВС BC DL TC DL SPACING 10 LL DUR.FAC. TOT.LD. 4 X 8 = FL/-/4/-/E/-/ 12-0-0 .5X4 24.0" 1.25 40.0 10.0 20.0 10.0 PSF 0.0 PSF PSF PSF R=1385 U-198 W-4" (A) 4X4(R) III FROM SEQN-JREF-DATE HC-ENG WHK/WHK DRW HCUSR8228 07354050 3X4 III Scale = R8228-1TDG8228Z01 ω 53524 12/20/07 .25"/Ft. 11183 10-0-0

Bot chord 2x4
Webs 2x4 SP #2 Dense

Left end vertical not exposed to wind pressure

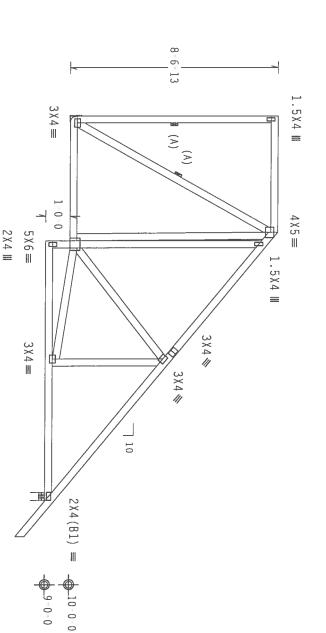
(A) Continuous lateral bracing equally spaced on member

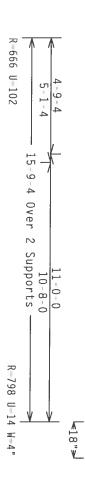
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

also mpH wifig, 15.00 it mean ngt, ASCE /-UZ, CLUSED bigg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi (+/-)=0.18

Wind reactions based on MWFRS pressures.

In lieu of structural panels use purlins to brace all flat TC @ $0\mathrm{C}_{\cdot}$





PLT TYP.

Wave

HARNING INUSSIS REQUIRE EXPREME EARE IN FARRICATION. HANDING, SHIPPING, INSTALLING AND BRACING, BELER 10 BCS1.

BELER 10 BCS1.

HORNILE STREET, SUITE JEZ, ALEXANDRIA, NA, AZZIJA DAN DHEACHOR DE PEP (TRUSS PLATE INSTITUTE, ZIB HORNILE STREET, SUITE JEZ, ALEXANDRIA, NA, AZZIJA DAN DHEAC (AUGOD TRUSS COUNCIL OF AHRICA. 6300 CHIERRESE INJECTATO) OF BERNORMER, SA, AZZIJA DAN DHEAC (AUGOD TRUSS COUNCIL OF AHRICA. 6300 CHIERRESE INJECTATO) OF BERNORMER, NA, AZZIJA DAN DHEAC (AUGOD TRUSS COUNCIL OF AHRICA. 6300 CHIERRESE INJECTATO) OF BERNORMERS (BURCALED) OF BERNORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAHELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CELLING.

IMPORTANTrurrish a copy of this design to the Inistallation contractor. The beg, inc. shall but be responsible for any deviation from this design, any father in but the lines in comporance with IPI; or fabricating, and pipelig, installing a braching of fruses; Design controlling, surphylic, distalling a braching of fruses; Design controlling, surphylic, distalling a braching of fruses; Design controlling pipelig, installing a braching of fruses; Design controlling pipelig, distalling a braching of the second pipelig. The beg controlling pipelight of the beg controlling pipelight of the pipelight of the beg component of the surphylic pipelight of the surphyl

FI Cautificate of Amhanization " and Haines City, FL 33844

BUILDING DESIGNER PER ANSI/IPI 1 SEC.

ALPINE

7.36.0424 077:1 BC LL SPACING BC DL TC DL TC LL DUR.FAC. TOT.LD. FL/-/4/-/E/-/-24.0" 1.25 40.0 10.0 20.0 PSF 10.0 PSF 0.0 PSF PSF PSF JREF-FROM SEQN-DATE HC-ENG WHK/WHK DRW HCUSR8228 07354048 Scale = .25"/Ft.

1TDG8228Z01

53888

R8228- 11184

12/20/07

Bot chord 2x4
Webs 2x4 PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. End Haines City, FL 33844
Fl Control of Authorization, # 0 270 (A) Continuous lateral bracing equally spaced on member. verticals not exposed to wind pressure. **ALPINE** Wave SP #2 Dense 10 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE THSTALLATION CONTRACTOR. ITW BCG, INC. SHALL HOT BUT RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE THUSS IN COMPORNANCE WITH IP!: OR FABRICATHO, HANDLING, SHEPHIG, HISALLING A BRACHEO THUSSES.

DESIGN CONFIGENS HITH APPLICABLE PROVISIONS OF NDS (HATIONAL DESIGN SPEC, BY AFAPA) AND TPI.

DESIGN CONFIGENS HITH APPLICABLE PROVISIONS OF NDS (HATIONAL DESIGN SPEC, BY AFAPA) AND TPI.

CONNECTOR PLATES ARE MADE OF ZD/JBJ/IGG, 49.H/55/K) ASTH AG53 GRADU 40/GO (4.K/H.5S) GALV. STEEL APPLY
PLATES TO EACH TACE OF IRMS AND. NNEESS OHTHWASTE (OCATED ON THIS DESIGN, POSITION PER DRAWHING SIGNA Z.

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

A SEAL ON THIS **MARNING** RHISSES REQUIRE LEYRENE CARE IN FARRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO REST (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, ZIB MORTH LEE SIREEL, SUITE 312. ALEXANDRIA, VA. ZZZIA) AND MICA (MODD TRUSS COUNCIL OF AMERICA. 6300 CHIEERRISE LAME, HADISON, HI 52719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CLILING. BUILDING DESIGNER PER ANSI/TP1 1 ANY INSPECTION OF PLAIES FOLIGHED BY (1) SHALL BE FER AMBEX AS DEFINED BRAING HOTCAIES ACCEPTANCE OF PROFESSIONAL ENGLIFERING RESPONSIBILITY DESIGN SHOWN. THE SUITABILITY AND DES OF THIS COMPONENT FOR ANY BUILDING. 2X4 III $3 \times 4 \equiv$ 10 R=678 U=140 1-4-4 $4 \times 4 =$ Ξ 15-9-4 Over 2 Supports 10 3X7 =.5X4 Ⅲ SOLELY FOR THE TRUSS COMPONENT NG 15 THE RESPONSIBILITY OF THE 5 X 5 # 3 \times 4 =4-4-6 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 all flat TC @ 0C. Wind reactions based on MWFRS pressures. R-678 W-4" 7.36.0424 1.5X4 W 3 X 4 ≡ 10-0-0 0TY:1 BC LL BC DL TC LL DUR.FAC. TC DL SPACING TOT.LD. FL/-/4/-/E/-/-1.25 40.0 10.0 20.0 24.0" 10.0 PSF 0.0 PSF PSF PSF JREF-FROM SEQN-DATE REF HC-ENG WHK/WHK DRW HCUSR8228 07354037 Scale = .25"/Ft. 24" R8228-¥ 1TDG8228Z01 53914 12/20/07 11185

Bot PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for End dead load is 1.50. Haines City, FL 33844
Fl Cartificate of Amhorization #0 778 (A) Continuous lateral bracing equally spaced on member. t chord 2x4 Webs 2x4 verticals not exposed to wind pressure. ALPINE Wave SP #2 Dense 10 **IMPORTANT**CURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, THC. SHALL NOT BC RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPORANICE WITH PIC OR FARRICATION, SHOPPING, HISTALLING A BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MOS (MAILONAL DESIGN EPEC, BY AFRA) AND TF:

PHATES TO EACH FACE OF TRUSS AND. UNLESS OTHERS OF MOS (MAILONAL DESIGN EPEC, BY AFRA) AND TRIBER OF THE BCG.

CONNECTOR PLATES ARE MADE OF ZO/18/166A (M.1/15/S) ASIM A653 GRADE 40/60 (M. K/M.SS) GALV. SITEL. APPLY

PHATES TO EACH FACE OF TRUSS AND. UNLESS OTHERS SECTION FOR THIS DESIGN, POSITION PER DRAWHIGS 160A. 25 **MARNING** TRUSSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RETER TO BOST. (RUISDING COMPOREN SACETY INFORMATION), PUBLISHED BY THE (TRUSS PLATE INSTITUTE, 218 MORTH LEE STREET, SUIT 312. ALEXANDRIA, NA, 22314) AND LITCA (MODO TRUSS COUNCIL OF ARREAGA. 6300 ENTERPRISE LAME, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OBJECTION SALETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS A PROPERLY ATTACHED RIGHED SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAHELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHED CELLING. BUILDING DESIGNER PER ANSI/IPI 1 SEC. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENG DESIGN SHOWN. THE SUITABILITY AND USE OF THIS (ARY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE 2X4 III $3 \times 4 \equiv$ 10 R-678 U-143 1-4-4 4 X 4 == $\widehat{\mathbb{A}}$ Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) 1.5X4 III 15-9-4 Over 2 Supports 3 X 7 == OF THIS COMPONENT FOR 5 ITONAL DESIGN SPEC, BY ATAPA) AND IPI. 11H BGG
TH A653 GRADE 40/60 (H. K/H.SS) GALY. STEEL APPLY
OCATED ON THIS DESIGN, POSITION PER DRAHINGS 160A Z
ANNEX A3 OF IPI1 7002 SEC.3. A STAL ON THIS 5 X 5 🚚 $3 \times 4 \equiv$ SOLELY FOR THE TRUSS COMPONENT NG IS THE RESPONSIBILITY OF THE -11-9 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 all flat TC OC. Wind reactions based on MWFRS pressures. R=678 U=18 W=4" 7.36.0424 1.5X4 III Dec _10 0 0 0.7 Y : 1ВС ВС TC LL T_{C} SPACING DUR.FAC TOT.LD. FL/-/4/-/E/-/-2 믿 40.0 24.0" 20.0 PSF 1.25 10.0 PSF 10.0 PSF 0.0 PSF JREF -FROM SEQN DATE REF HC ENG WHK/WHK DRW HCUSR8228 07354038 Scale = .25"/Ft. ഭ 24 " R8228 11186 1TDG8228Z01 53919 12/20/07

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

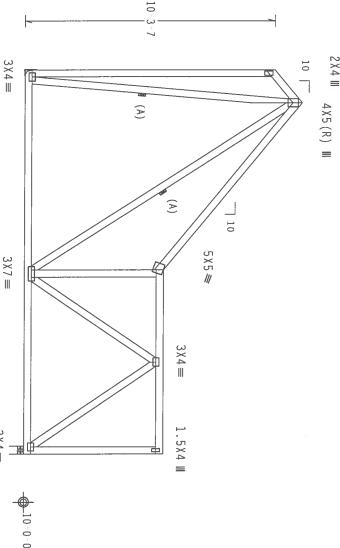
within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi (+/-)=0.18

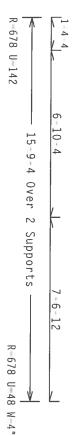
Wind reactions based on MWFRS pressures.

End verticals not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member

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





PLT TYP.

Wave

NORTH LEE STREET, SUITE 312, ALEXANDRIA, MA. 22314) AND MEALINED BY TP (IRUSS PALE INSTITUTE, 218 CHIEF PALE INSTITUTE, 21 REQUIRE EXTREME CARE IN FABRICATION LDING COMPONENT SAFETY INFORMATION). SHIPPING, INSTALLING AND BRACING

Haines City, FL 33844 **IMPORTANT**TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE MCG. LNC. SHALL HOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN, ANY FALLURE TO BUILD THE TRUSS IN COMPORNANCE WITH IP: OR FLAREACTHING, HANDLING. SHEPPING, HISTALLING A BRACHING OF TRUSSES DESIGN CONFIDENCE OF THE MAY DESIGN CONFIDENCY OF THE MAY DE DRAWING INDICATES ACCEPTANCE OF PROF DESIGN SHOWN. THE SUITABILLITY AND BUILDING DESIGNER PER ANSI/TPI 1 SEC. ANY INSPECTION OF PLATES FOLLOWED TITINA, (M.1755/K) ASTH A653 GRADE 40/60 (M. K/M.55) GALV. STELL, APPLY DIMLESS SOHEMAST LOCALED ON HITS DESIGN, POSTION PER DRAMINGS 160A. BY COLOR OF THE STATE SOLELY FOR THE TRUSS COMPONENT NG IS THE RESPONSIBILITY OF THE SEAL ON THIS

OF THIS COMPONENT FOR

Haines City, FL 33844

ALPINE

QTY:1 BC LL BC DL TC DL TC LL SPACING DUR.FAC. TOT.LD. 24.0" 1.25

R8228- 11187

12/20/07

JREF -

1TDG8228Z01

53924

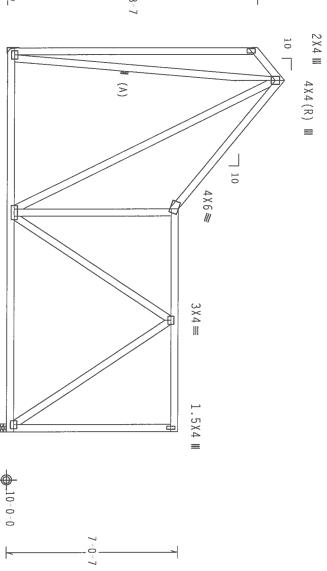
In lieu of structural panels use purlins to brace all flat TC @ $0\mathrm{C}_{\cdot}$ 7.36.0424 $3X4 \equiv$ ₩ 10-0-0 S 00 FL/-/4/-/E/-/-40.0 10.0 20.0 PSF 10.0 PSF 0.0 PSF PSF PSF FROM REF SEQN-DATE HC-ENG WHK/WHK DRW HCUSR8228 07354045 Scale = .25"/Ft.

Bot chord 2x4 Webs 2x4 SP #2 1 SP #3 Dense

End verticals not exposed to wind pressure

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

(A) Continuous lateral bracing equally spaced on member



10



 $3 \times 4 \equiv$

3 X 7 ≡

 $3 \times 4 \equiv$

PLT TYP. ITW Building Components Group, Inc. ALPINE Wave

FI Carrificate of Authorization #0 279

BUILDING DESIGNER PER ANSI/IPT 1

SPACING

24.0" 1.25

JREF -FROM SEQN-

1TDG8228Z01

DUR.FAC.

TOT.LD.

40.0

ВС ВС

0.0 PSF

HC-ENG WHK/WHK

2 2

10.0 PSF 10.0 PSF

DR W DATE REF

HCUSR8228 07354046

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

7.36.0424

QTY:1

FL/-/4/-/E/-/-

Scale =.25"/Ft.

R8228- 11188

12/20/07

TC LL

20.0

PSF

TC

IMPORTANTFURBLISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BGG, INC. SHALL NOT UR RESPONSIBLE FUR ANY DEVIATION FROM THIS DESIGN, ANY FALLURE TO BHILD THE TRUSS IN COMPORMANCE WITH IP: OR FLOREFACTHING, HANDLING, SHIPPING, HISTALLING & BRACHING OF TRUSSES. BY ATANA AND TELLORISE PROVISIONS OF THIS CREATED SPEC, BY ATANA AND TELLORISE PROVISIONS OF THIS CREATE AND AND TELLORISE PROVISIONS OF THIS CREATED AND THIS DESIGN SPEC, BY ATANA AND TELLORISE PROVISIONS OF THIS CREATED ON THIS DESIGN SPEC, BY ATANA AND THE ADDRESS OF THIS DESIGN SPEC, BY ATANA AND THE ADDRESS OF THIS DESIGN SPEC, BY ATANA AND THE ADDRESS OF THIS DESIGN SPEC, BY ATANA AND THE ADDRESS OF THIS DESIGN SPECE OF THE SPECE OF THE SPECE OF THE SPECE OF THIS DESIGN SPECE OF THIS DESIGN SPECE OF THE SPECE OF THIS DESIGN SPECE OF THE SPECE O DESIGN SHOWN T STH1 JO AG IS THE RESPONSIBILITY OF THE

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 all flat TC @ 0C. Wind reactions based on MWFRS pressures.

Bot chord 2x4 ! End Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50.\,$ (A) Continuous lateral bracing equally spaced on member Haines City, FL ITW Building Components Group, Inc. verticals not exposed to wind pressure. TYP. ALPINE Wave SP PS zation " o ano 33844 #2 Dense 10 **IMPORTANT**rurrish a copy of this design to the installation contractor. The rig. Shall not be responsible for any deviation from this design, any alticle to belied the fines in comformance with file responsible for any deviation, installing, supplying, installing a braching of fineses, but after a little for conforms with applicable provisions of NDS (datable speec). By after a and file conforms with applicable provisions of NDS (datable speec) and this conforms with applicable provisions of the provisions of NDS (datable speec). Any instelling of the responsibility solicy of the responsibility solicy of the responsibility solicy of the responsibility solicy of the responsibility of the grant of the responsibility for the BUILDING DESIGNER PER ANSI/IPI I SEC. 2X4 III 3 X 4 ≡ 10 R=678 U=130 1-4-4 4X4(R) III Design Crit: 10 4 X 6 ₩ 3 X 7 ≡ 15-9-4 Over 2 Supports TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/0(0) $3 \times 4 \equiv$ 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 all flat TC $\,$ 0C. Wind reactions based on MWFRS pressures. $\widehat{\mathbb{A}}$ R-678 U-100 W-4" 7.36.0424 $3 \times 4 \equiv$ 1.5X4 III QTY:1 SPACING DUR.FAC. ВС TC LL TCTOT.LD. FL/-/4/-/E/-/-2 D 24.0" 1.25 10.0 10.0 PSF 20.0 PSF 40.0 PSF 0.0 PSF PSF JRFF-FROM REF SEQN-DATE HC-ENG WHK/WHK DRW HCUSR8228 07354041 Scale = .25"/ft. **@** R8228- 11189 24 " 1TDG8228Z01 53934 12/20/07

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

End verticals not exposed to wind pressure.

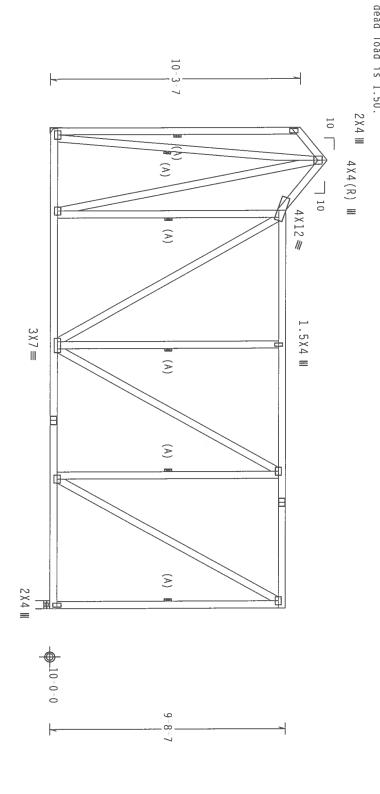
(A) Continuous lateral bracing equally spaced on member.

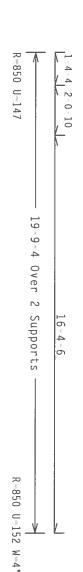
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi (+/-)=0.18

Wind reactions based on MWFRS pressures.

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





Note: All Plates Are 3X4 Except As Shown.

PLT TYP. Wave

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

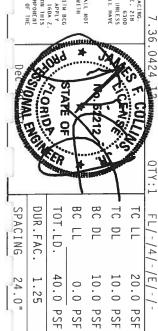
A PROPERLY ATTACHED RIGID CETLING.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG. INC. SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BHILD THE TRUSS IN COMPORMANCE WITH IN FILE OR FLABELOFING. HANDLING, SHIPPING, HISTALLING A BRACHEO OF TRUSSES, STATEMENT OF THE PROPERTY OF THE STATEMENT OF THE S

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY OF THIS COMPONENT FOR ANY BUILDI BUILDING DESIGNER PER ANSI/TPI 1 SEC. BUILDING IS THE RESPONSIBILITY OF THE

FI Carificate of Authorization # 0 270

ALPINE



PSF PSF PSF

HC-ENG WHK/WHK DRW HCUSR8228 07354047 DATE REF

Scale = .25"/Ft.

R8228- 11190 12/20/07

	NAME OF TAXABLE		
1]	7	CR
1	SPACING	DUR.FAC.	TOT.LD.
	24.0"	1.25	40.0 PSF
	JREF-	FROM	SEQN-
	1TDG8228Z01	АН	53947

Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 PLT TYP. in lieu of structural panels use purlins to brace all flat TC @ $24\,\text{{\tt "}}$ OC. (A) Haines City, FL 33844
Fi Cate of Authorization " 0 770 ITW Building Components Group, Inc. Continuous lateral bracing equally spaced on member. ALPINE Wave 1 6 0 $2.5 \times 6 (B1) =$ R-1351 U-105 W-4" **IMPORTANT**TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BUE, THE STALLATION CONTRACTOR. THE BUE, THE STALL HOW THE RESPONSIBLE FOR MAY DEVIATION FROM HIS DESIGN AND FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH PIC OR FARE LOCATED AND THE STALL HE A BRACHING OF TRUSSES.

DESIGN CONTROMS WITH APPLICABLE PROVISIONS OF HOS (MAIONAL DESIGN SPEC BY AFER) AND FFI.

THE BEG CONNECTION OF THESE ARE HADE OF 70/18/16/A (H.M.YSS/K) ASH AGS3 GRADE GO/GO (H. K/M.SS) GALV. STEEL APPLY PLATES TO EACH FACE OF TRUSS AND. UNITESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER ORANTHES GADA Z ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL HE FER ANNEX A 30 F FFI 2002 SEC.3.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL HE FER ANNEX A 30 F FFI 2002 SEC.3.

BRAHMG INDICALES ACCEPTANCE OF PROFESSIONAL HEGISTERING RESPONSIBILITY SOLLY FOR HIE TRUSS COMPONENT DESIGN SHOWN.

DESIGN SHOWN.

THE SUITABLETTY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE **MARNING** RHUSES REQUIRE EXTREME CARE IN FARRICATION, MANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PRICHED BY TPJ (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, ZEZJA) AND MICHAE (MODO TRUSS COUNCELL OF AMERICA, 6300 ENTERPRISE LAME, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED FOR CHORDS SMALL HAVE PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED RIGHT CHORD SMALL HAVE BUILDING DESIGNER PER 10 1.5X4 III 1-0-0 3X4 / 3X4 // Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) 3X7 =4 X 5 ≠ 28-10-0 Over 2 Supports \geq $3 \times 4 \equiv$ LIU MPN WING, 15.00 TE Mean NGE, ASKE / UZ, KLUSED BIGG, NOE 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. Wind reactions based on MWFRS pressures 7.36.0424 4 X 6 ≡ $3 \times 4 \equiv$ Dec 10 1.5X4 III 3 X 4 🥢 QTY:1 11 - 0 - 0SPACING BC LL 8 C TC DL TC LL DUR.FAC. TOT.LD. FL/-/4/-2 R=1236 U=87 2.5X6(B1) /E/-/-40.0 10.0 20.0 24.0" 10.0 PSF 1.25 0.0 PSF PSF PSF JREF-FROM SEQN DATE REF HC-ENG DAL/AP DRW HCUSR8228 07354057 Scale = 9-0-0 R8228- 11191 1TDG8228Z01 65686 12/20/07 .25"/Ft. 9 0 13

Bot chord 2x6 #1 hip supports 8-8-7 jacks with no webs (A) #3 or better scab brace. Same size & 80% length of web member. Attach with 10d Box or Gun (0.128"x3",min.)nails @ 6" :Lt Wedge 2x4 PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,.$ FI Conificate of Authorization #0 770 ITW Building Components Group, Inc. Haines City, FL 33844 Webs ALPINE 2×4 Wave Dense: 12 CAT 3: #C Dense: SP #2 SP #3 :W9 2x4 SP #2 Dense: SP #3: 1 6 0 $4 \times 6 (C3) =$ $5 \times 4 (C3) =$ R-2979 W-4" **IMPORTANT**PURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. HIW BCG, INC. SHALL NO BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH IP: OR FARBICATHG. HANDLING, SHEPPING, HINSLALING & BRACHEG OF TRUSSES.

DESIGN CONTORNS HITH APPLICABLE PROVISIONS OF HDS (MATIONAL DESIGN SPEC, DY AFAPA) AND IPI. HIW BCC CONNECTOR PLATES ARE MADE OF ZOTIBLIGAGA (H.HZSZ)K) ASTH ASSS GRADE AD/SO (M. KJH.SS) GALV. STEEL, APPLY PLATES TO EACH TACE OF TRUSS AND. HILESS ORIGINATES, LOCALIDO ON THIS DESIGN, POSITION PER DRAWHIGS 160A ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF IPI1 2002 SEC.3. A SEAL ON THIS **WARNING** TRUSSES REQUIRE EXTREME CARE IN FARRICATION, DANDLING, SHIPPING, INSTALLING AND BRACING RETER TO BEST.

RETER TO BEST.

MORINI LE STREET, SUITE 3127. ALEXANDRIA, VA, 22314) AND MICHA (MODO TRUSS COUNCELL OF AMERICA. 6300 ENTERPRISE LAME, MADISON, HI 53/19) FOR SAFETY PRACTICES PRIOR TO PERFORMING INFSF FUNCTIONS. UNITESS OFFICENCE AND SOLICE OF CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL TAMELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL TAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHT CELLING. 10 BUILDING DESIGNER PER ANSI/TPI 1 INDICATES 1.5X4 🥢 α -8-7 Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) 3 X 4 ≡ 7 X 8 = OC. 28-10-0 Over 2 Supports SOLELY FOR THE TRUSS COMPONENT WG IS THE RESPONSIBILITY OF THE 3X8≡ 2X4 III (A) SEAL ON THIS $4 \times 4 =$ 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 L. APPLY In lieu of structural panels use purlins to brace all flat TC $24\mbox{\ ^{"}}$ OC. Right end vertical not exposed to wind pressure. Wind reactions based on MWFRS pressures 7.36.0424 Dec 5 X 8 = 4 X 4 ≡ ORION 1-9-0 6 X 8 ≡ 10 8X8(R) M Ξ BC LL BC DL TC LL DUR.FAC. SPACING $\frac{1}{2}$ TOT.LD. FL/-/4/-5 R=3549 /E/-/-24.0" 1.25 40.0 10.0 10.0 PSF 20.0 PSF 0.0 6 X 8 ≡ 4X4 III PSF PSF (JREF -FROM SEQN-DATE REF HC-ENG DRW HCUSR8228 07354027 Scale = .25"/Ft. R8228- 11192 1TDG8228Z01 DAL/AP 6 65661 12/20/07

Bot chord 2x4 SP #2 Webs 2x4 SP #3 PLT TYP. In lieu of structural panels use purlins to brace all flat TC @ $24\ ^{\circ}$ OC. (A) Continuous lateral bracing equally spaced on member. FI Carificate of Authorization # 0 770 ITW Building Components Group, Inc. ALPINE Wave 1 6 0 $2.5 \times 6 (B1) =$ 33844 Dense R-1351 U-105 W-4" ***WARNING** PRUSE'S REQUISE EXTREME CARE IN FARRICATION, INNOLING, SHIPPING, INSTALLING AND BRACING RUTER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PROBLISHED BY IT (TRUSS PLATE INSTITUTE, 218 MORTH LEE STREET, SULTE 312 ALEXANDRIA, VA. 22314) AND HICA (HOOD TRUSS COUNCIL OF AMERICA. 6300 ENTERPRISE LANE, HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OBJECTED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CELLING. BUILDING DESIGNER PLR ANSI/TPI I SEC. 10 1.5X4 III 1-1-3 3X4 // 3X4 // Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) 3 X 7 = 4 X 5 ≤ 28=10-0 Over 2 Supports $\widehat{\mathbb{E}}$ 3 X 4 ≡ 110 mpn wind, 13.00 it medi myt, ASCE / UZ, CLUSED Blug, MOL located within 4.50 ft from roof edge, CAT II, EXP B, wind TC BL=5.0 psf, wind BC BL=5.0 psf. Iw=1.00 GCpi(+/)=0.18 Wind reactions based on MWFRS pressures Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. 7.36.0424 4 X 6 == 3 X 4 = Jec Zc STONAL ENGLISH TATE OF 1.5X4 III 3X4 // 0TY: 1 . س BC LL TC DL ВС TC LL SPACING DUR.FAC. TOT.LD. FL/-/4/-D 10 R-1236 U-87 2.5X6(B1) /E/-/-40.0 24.0" 1.25 10.0 PSF 10.0 PSF 20.0 PSF 0.0 PSF JREF-FROM SEQN-DATE REF HC-ENG DAL/AP DRW HCUSR8228 07354043 Scale = .25"/Ft. R8228-1TDG8228Z01 12/20/07 11193

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

Left end vertical not exposed to wind pressure.

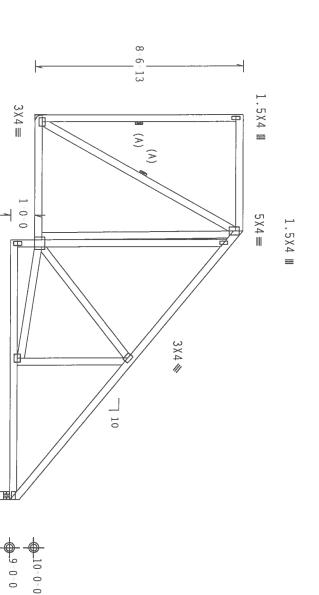
(A) Continuous lateral bracing equally spaced on member

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

within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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





5 X 6 ≡ 2 X 4 ≡

 $3 \times 4 \equiv$

2X4 (B1)

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Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0)** HOUSES REQUIRE EXISTING CARE IN FABRICATION. HAND THE THIRD AND THE THIRD CARE IN FABRICATION. HAND THE THIRD CARE IN FABRICATION. THE THIRD CARE IN T

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DESIGN CONFORES WITH APPLICABLE PROVISIONS OF USES (MAIGNAL DESIGN SPIC, SE ACREA) AND TPI. THE BCG CONNECTOR PLAIES ARE HADE OF 20/18/16GA (M.1/SS/K) ASTH A653 GRADE 40/60 (M. K/NLSS) GALV. STEEL APPLY PLAIES TO EACH FACT OF TRUSS AND, WHEES OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 16GA Z. ANY IMPRECTION OF PLAIES FOLLOWED BY (S) SHALL BE PER ANNEX XA OF TPI 2002 SEC. 3. A SLA. OF THIS DESIGN THE SUITABLITY AND WEST OF PROFESSIONAL FRIGHTERING RESPONSIBILITY SOLELY FOR THE ENESS COMPONENT DESIGN SHOWN THE SUITABLITY AND WEST OF THIS COMPONENT DESIGN SHOWN THE SUITABLITY AND WEST OF THIS COMPONENT DESIGN SHOWN THE SUITABLITY AND WEST OF THIS COMPONENT DESIGN SHOWN THE SUITABLITY AND WEST OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PLR ANSI/TPI 1 SEC. 7.

7.36.0424 0TY:1BC LL BC DL TC DL TC LL SPACING DUR.FAC. TOT.LD. FL/-/4/-/E/-/-1.25 40.0 10.0 20.0 PSF 24.0" 10.0 PSF 0.0 PSF PSF

DATE

12/20/07

Scale = .25"/Ft.

R8228- 11194

DRW HCUSR8228 07354026 HC-ENG WHK/WHK

53897

SEQN-FROM JREF-

1TDG8228Z01

Bot chord 2x4 Webs 2x4 4 SP #2 Dense 4 SP #3

End verticals not exposed to wind pressure

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

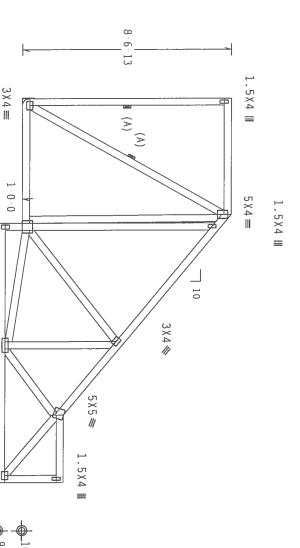
(A) Continuous lateral bracing equally spaced on member

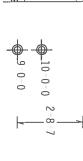
located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

In lieu of structural panels use purlins to brace all flat $24\,\text{\ensuremath{^{\prime\prime}}}$ OC. TC

Provide for complete drainage of roof.





9 6 13



2 X 4 III 5 X 6 ≡

3 X 7 ≡

3 X 4 =

WARNING TRUSSES REDUINC EXTREME CARC IN CABRICATION. MANDLING. SHIPPING, INSTALLING AND BRACING.
BETER TO BEST. (BUILDING COMPONENT SAFLY INFORMATION). PUBLISHED BY FPI (TRUSS PLATE HISTITHE, 21M HORTH LEE STREET, SUITE 312. ALEXANDRAL, VA. 22314) AND MICA (MODD TRUSS COUNCIL OF AMERICA. 6300
ENTERPRISE LANC, MANISON, MI 53719) FOR SAFLY PRACTICES PRIOR TO PERIORHING THESE FUNCTIONS. UNLESS
OTHERMISE HUBICACILD TOP COROND SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE
A PROPERLY ATTACHED RIGID CELLING. Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0)

PLT TYP.

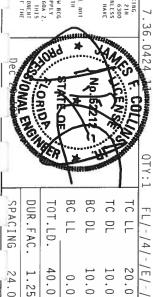
Wave

IMPORTANTTURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE MCG. THC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FALLMET FOR BUILD THE TRISS IN COMPORNANCE HITH IPI. OR FARECLATHC, HANDLIGG. SHIPPIG., HISALLIGN & BRACHIG OF TRISSES.

DESIGN CONTROMS WITH APPLICABLE PROVISIONS OF MOS (MALIONAL DESIGN SPEC. BY ATAPA) AND TPI. ITH BCG. CONTRECTS OF A CONTROL APPLY AND THE ART OF TRISS. AND. UNLESS OTHERWISE LOCATED ON HIS DESIGN. POSITION FOR BRANHING SHOW PLATES OF TRIDSS AND. UNLESS OTHERWISE LOCATED ON HIS DESIGN. POSITION FOR BRANHING SHOW PLATES TO ALLOWED BY (1) SHALL HE FER ANNEX AS OF TPI. 2007 SEC. 3. A CALOUTHIS DESIGN AND ALTHOUGH OF PLATES FOLLOWED BY (1) SHALL HE FER ANNEX AS OF TPI. 2007 SEC. 3. A CALOUTHIS DESIGN AND THE SULFABILITY AND USE OF THIS COMPONENT OF SHOW PROVIDED THE SULFABILITY AND USE OF THIS COMPONENT OF SHOW PROVIDED THE SULFABILITY AND USE OF THIS COMPONENT OF SHOW PROVIDED THE SULFABILITY AND USE OF THIS COMPONENT OF SHOW PROVIDED THE SULFABILITY OF THE BUILDING DESIGNER PER ANSI/TPI. SEC. 2.

Haines City, FL 33844
FI Conficate of Amborization 40 270

ALPINE



	SPACING	MAI ENG. DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	
- Annah Calenda	[NG 24.0"	AC. 1.25	.D. 40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
	JREF- 1TDG8228Z01	FROM AH	SEQN- 65753	HC-ENG DAL/AP	DRW HCUSR8228 07354034	DATE 12/20/07	REF R8228- 11195

Scale = .25"/Ft.

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

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

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

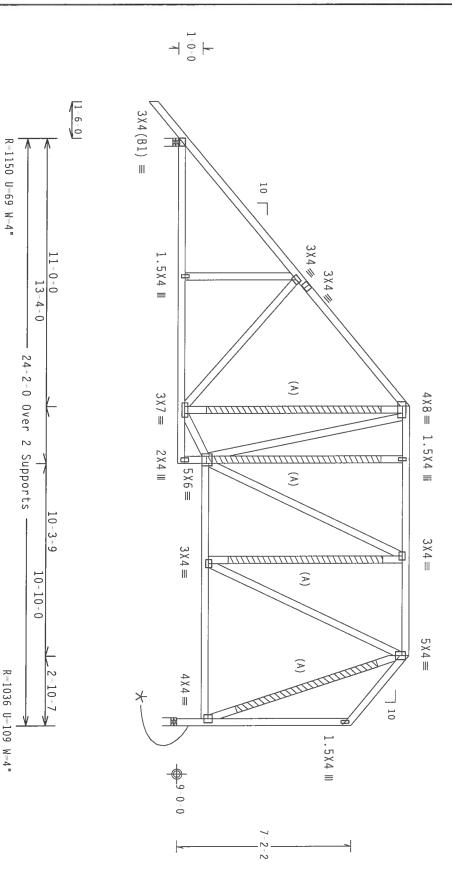
* DROP LEG DESIGNED TO SUPPORT VERTICAL LOADS ONLY

LLV mpH willu, 15.00 it medi ngt, ASCE /-UZ, CLUSED Digg, NOT located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures

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.





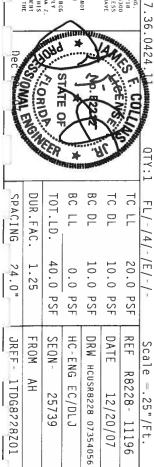
PLT TYP.

Wave

MARNING PRISSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, RETER TO BEST (BUILDING COMPONENT SAFETY IN MOMENTON), DEPOCRATED BY TP (TRUSS PLATE INSTITUTE, 218 HORRIL LEE SIREET, SUITE 317, ALEXANDRIA, VA, ZEZIA) AND WICA (MODD TRUSS COUNCIL OF AMERICA. 6300 TRUBERSES LANT, HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS ORDERED STALL HAVE PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED REGIO CELLING.

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

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY OF STORM OF THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILD BUILDING DESIGNER PER ANSI/IPI 1 BILLITY SOLELY FOR THE TRUSS COMPONENT BUILDING IS THE RESPONSIBILITY OF THE



EC/DLJ 25739

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R8228- 11196

12/20/07

PLT Bot chord 2x6 SP #2
Webs 2x4 SP #3 In lieu of structural panels use purlins to brace all flat TC @ $24\,\text{\Ho}$ OC. (A) 2x6 #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" OC. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,.$ FI Comiticate of Authorization # 0 770 Haines City, FL 33844 . TYP. ALPINE Wave K1-6-0 3X8(B3) = טכווסכ .ונ נגט שר וונ. R=2402 W-4" **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE THISTALLATION CONTRACTOR. THE BEG, THE SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, MY FAILURE TO BUILD THE TRUSS IN COMFORMANCE WITH FDI; OR FARRECKITHG, INNOLING, SHEPTHG, HISTALLING A BRACHIGO OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THIS CALLING A BRACHIGO OF TRUSSES.

DESIGN CONFORMS AND THIS ADDITIONAL PROVISIONS OF THIS CALLING A BRACHIGO OF THIS STANDED OF THIS DESIGN. POSITION FOR BRAHLIGS APPLY PLATES TO FACH FACE OF TRUSS AND. INICESS OTHERWISE (COCALED ON THIS DESIGN, POSITION FER DRAHLIGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF THIS TOOLS THE THIS CONTROLLED.

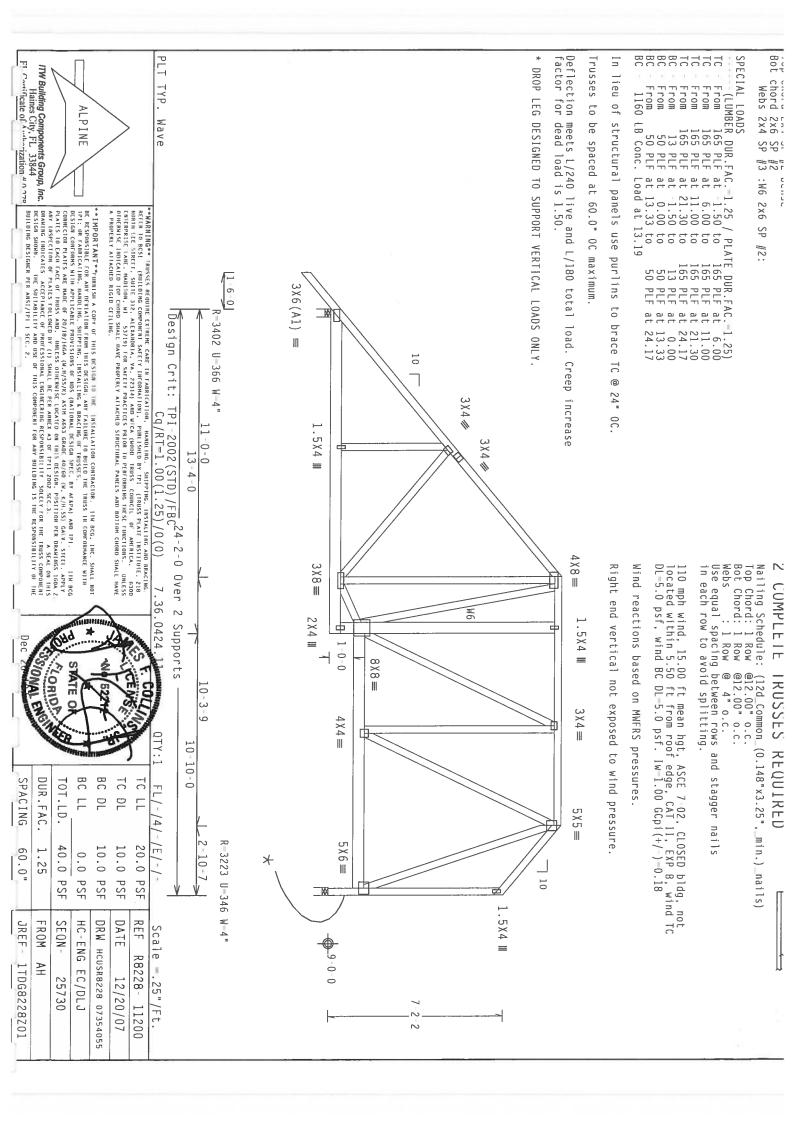
A SEAL OF THIS CONTROLLED. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY DESIGN SHOWN. THE SULTABILITY AND USE OF THIS COMPONENT FOR ANY BUILD **MARNING** TRUSSES REQUIRE EXTREME CARE IN FARRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING. RETER TO BEST. (BRINDING COMPORENT SAFETY INFORMATION), PUBLISHED BY TIP (TRUSS PLATE INSTITUTE, 218 HORTH LEE STREET, SUITE INSTITUTE, 218 INSTITUTE, 218 INSTITUTE, 218 INSTITUTE, SUITE INSTITUTE, 219 INSTITUTE, SUITE INSTITUTE, 310 INSTITUTE, SUITE INSTITUTE, 310 INSTITUTE, SUITE INSTITUTE, 310 INSTITUTE, 311 INSTITUTE, 3 BUILDING DESIGNER PER AUSI/TPI : SEC 10 1.5X4 // 8 Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) $2.5 \times 6 \equiv$ 7 X 6 # 24-2-0 Over 2 Supports SOLELY FOR THE TRUSS COMPONENT 110 mpn wing, 15.00 ft mean ngt, ASCE /-02, CLUSED bidg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Right end vertical not exposed to wind pressure. #1 hip supports 8-8-7 jacks with no webs Wind reactions based on MWFRS pressures 7.36.0424 2 X 4 Ⅲ 3 X 9 = STATE CORIOR 4 X 4 == 15-5 9 4 X 5 (R) QTY:1 €X6≡ BC DL TC DL TC LL DUR.FAC. SPACING TOT.LD. FL/-/4/-/E/-/ $\widehat{\mathbb{A}}$ 20.0 24.0" 1.25 40.0 10.0 PSF 10.0 PSF 0.0 PSF PSF 2969 W-4" (A) 6 X 6 ≡ 4 X 5 Ⅲ SEQN-DATE REF FROM JREF -HC-ENG DAL/AP DRW HCUSR8228 07354065 Scale = .3125"/Ft. R8228= 11197 1TDG8228Z01 65708 12/20/07 9 0 0

(C) 2x4 #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" 0C. (B) 1x4~#3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC. Bot chord 2x4 SP #2
Webs 2x4 SP #3 PLT TYP. In lieu of structural panels use purlins to brace all flat TC @ $24\mbox{\,"}$ OC. Haines City, FL 3844
FI Continue of Authorization 40 770 ALPINE Wave 1 6 0 $3X4(B1) \equiv$ Dense R-1157 U-51 W-4" **IMPORTANT**FIRMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE MCG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEFINATION ROOM THIS DESIGN, ANY FAILURE TO BHILD THE BRUSS IN COMPORNANCE WITH FIT: ON FLARECALHIG, MANDLIGG, SHEPPIG, HISALLING A BRACHING OF TRUSSES.

DESIGN COMPORES WITH APPLICABLE PROPYSSONS OF HIS SCHALINGAL BESIGN SPEC, BY ATRAD, MOD PFI. IN BCG. COMMERCIONS PLATES ARE ALONG THE MOST SHALL HER A BRACHING STORM FOR THE STATE OF THE MOST SHALL APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS DIMERNIST COCATED ON HIS DESIGN, POSITION FOR BRAHINGS 160A Z. ANY HISSECTION OF FLATES FOLLOWED BY CI) SHALL BE FER ANNEX AS OF FILE 2002 SEC. 3. AS SLA. ON THIS DESIGN SHOWN. THE SHITABLILLY AND DESIGN SHOWN. ****WARNING** RUSSES BEODIER EXTREME CARE IN FAMRICATION. HANDLING. SHIPPING, INSIALLING AND BRACING, RETER TO BEST. (BUILDING COMPONENT SAFETY HERBMANION). PUBLISHED BY TPJ (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND HERCA (MODO TRUSS COUNCIL OF AHERCA. 6300 ETHERPRISE LAME, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERNISE HOLICATED FOR GROOD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAHELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CELLING. 10 1.5X4 **Ⅲ** 1-1-3 3 X 4 // Design Crit: 3X4 // 24-2-0 Over 2 Supports TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/0(0) 3 X 4 = 4 X 6 = $\widehat{\mathbb{A}}$ 3 X 4 ≡ 3 X 8 ≡ (A) 2x6 #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" 0C. 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. Right end vertical not exposed to wind pressure. Wind reactions based on MWFRS pressures (B) 7.36.042 1.5X4 III -0 - 13**40810** TATE O R-1029 U-136 W-4" QTY:1 \bigcirc 3X4(R) III 2X4 III BC DL TC DL TC LL SPACING DUR.FAC. TOT.LD. FL/-/4/-/E/-/total load. Creep increase factor for dead load is 1.50. 24.0" 1.25 40.0 10.0 20.0 PSF 10.0 PSF 0.0 9 PSF PSF 13 JREF-FROM SEQN-DATE HC-ENG DAL/AP DRW HCUSR8228 07354070 Scale = .25"/Ft. R8228-1TDG8228Z01 65718 12/20/07 11198

(A) 1x4 with 8d Bot chord 2x4 SP #2 Webs 2x4 SP #3 PLT TYP. In lieu of structural panels use purlins to brace all flat TC @ $24\,\text{''}$ OC. Fi Cate of Ambrization " Care ITW Building Components Group, Inc. #3 or better "I" brace. 80% length of web member. Attach Box or Gun (0.113"x2.5",min.)nails @ 6" 0C. **ALPINE** Wave Dense **IMPORTANT**THRHISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BC RESPONSIBLE FOR MAY EPIVALION FROM THIS DESIGN, ANY FAILURE TO BHILD THE BRASS IN COMPORMANCE WITH FEL. ON FLANEACHING, MEDICALING, SHEPPING, HISTALLING A BRACHING OF IRVESSE.

DESIGN COMPORTS WITH APPLICABLE PROVISIONS OF HOS (MATIONAL DESIGNS SPEC, BY ATARA) AND TELL IN BCG CONNECTION FAIRS ARE AND CELL PROVISIONS OF HOS (MATIONAL DESIGNS SPEC, BY ATARA) AND TELL APPLY PLATES TO EACH FACE OF ERMSS AND. BHILESS OTHERNISE (OCATED ON HIST DESIGN, POSITION FOR BRAHINGS 160A Z. ANY INSPECTION OF PLATES TO LOCATED BY (1) SHALL BE FER ANHER AS OF THE JOSOF SEC. 3. AS SEA, ON THIS DESIGN SHOWN THE SULFABILITY OF THE PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE RESPONSIBILITY OF THE BUSICONSTRUCTOR OF THE STATE OF THE STAT **MARNING** IRUSSES REQUIRE EXIRENE CARE IN FABRICATION, HANDLING, SHEPPING, INSTALLING AND BRACING, RETER TO EAST. (BUILDING COMPORED SAFETY INFORMATION), PUBLISHED BY THE (TRUSS PLATE INSTITUTE, 218 MORTH LEE SIREE, SUITE 127. ALEXANDRIA, VA, AZZIA) AND MICHA (MOOD TRUSS COUNCEL OF AMERICA, 6300 ENTERPRISE LAME, MADISON, H 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HIGSE FUNCTIONS, UNICESS OBTHER MISE INDICATED THE CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED HIGHD ELLING. 1 6 0 2X4(B1) =R-689 W-4" 10 13-2-8 1.5X4 III 3X4 / Over 2 Supports 3X4 // Ξ $4 \times 4 =$ 3 X 7 ≡ R-555 U-115 2-2-8 late mpn wine, 13.00 it mean myt, Aste / u2, those bing, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/)=0.18 Wind reactions based on MWFRS pressures Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\cdot$ Right end vertical not exposed to wind pressure 3 X 4 ≡ 2X4 III 7.36.0424 STATE O 9 6 ت SPACING BC LL ВС TC DUR.FAC. TC LL TOT.LD. FL/-/4/-D PL /E/-/-24.0" 1.25 40.0 PSF 10.0 PSF 10.0 PSF 20.0 PSF 0.0 PSF JREF-FROM SEQN-DATE REF HC-ENG EC/DLJ DRW HCUSR8228 07354023 Scale = .25"/Ft. R8228- 11199 1TDG8228Z01 25679 12/20/07



Bot chord 2x6 SP #2 Webs 2x4 SP #3 BCC TCC PLT TYP. In lieu of structural panels use purlins to brace TC @ 24" OC (A) #3 or better scab brace. Same size & 80% length of web member. Attach with 10d Box or Gun (0.128"x3",min.)nails @ 6" OC. SPECIAL LOADS Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,.$ FI Certificate of Authorization # 0 779 ITW Building Components Group, Inc. From From From From From (LUMBER ALPINE Wave 8 165 165 PLF 165 PLF Conc. DUR.FAC.=1.25 PLF at 1.50 to at 0.00 to at 14.00 to at 6.00 at 11.00 001111 Load at 13.27 **IMPORTANT**TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BC RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN; ANY FAILURE TO BHILD THE BRASS IN COMPORMANCE WITH THE TOT. ON FARRICALING, MANDLING, SHIPPING, HISALING AS BRACHED OF TRUSSES. DESIGN COMPORES WITH APPLICABLE PROVISIONS OF HIS (MATIONAL DESIGNS SPEC, BY ATAPA) AND TYL. BLASS OF COMPORTING THE SEASON OF THE ****MARNING** PRISSES REQUIRE EXPREME CARE IN FARRICATION, TWANDING, SUPPRING, INSTALLING AND BRACING.
RETER TO REST. (BUILDING COMPONENT SAFETY INFORMATION). PORLISHED BY TPI (TRUSS PLATE INSTITUTE, 218
HORTH LEE STREET. SUITE 12. ALEXANDRIA, VA. 22314) AND MICA (MODO TRUSS COUNCIL OF ARREAS. 6300
LINERRYISE LAME, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS
DINCHRISE HOLGALED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARILY AND BOTTOM CHORD SHALL HAVE
A PROPERLY ATTACHED RIGID CETLING. R=3418 U=367 W=4" 3X6(A1) =to to PLATE DUR.FAC.-1.25) 1 6 0 165 PLF at 165 PLF at 165 PLF at PLF 10 Design Crit: 6.00 11.00 24.17 0.00 14.00 24.17 3X4 // 1.5X4 III 11 - 0 - 03X4 / TPI-2002 (STD) /FBC Cq/RT=1.00(1.25) /0(0) 24-2-0 Over 3 X 4 ≡ N $5 \times 4 =$ Supports Nailing Schedule: (12d_Common_(0.148"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. Right end vertical not exposed to wind pressure Wind reactions based on MWFRS pressures. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 5.50 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 Z COMPLETE TRUVVEV REQUIRED Webs : 1 Row Use equal spacing Trusses to be spaced at 60.0" OC maximum in each row to avoid splitting. 7.36.0424 4 X 10 = 3 - 2 - 0. 5×4 between rows and stagger nails R-3207 U-345 W-4" 3X6(R) 3X4 Ⅲ $\widehat{\mathbb{E}}$ 9-0-0 BC LL BC DL TC LL T_{C} SPACING DUR.FAC. TOT.LD. FL/-/4/-/E/-/-P 9 6 60.0" 1.25 40.0 10.0 10.0 20.0 13 0.0 PSF PSF PSF wind TC JREF -FROM SEQN-DATE REF HC-ENG DRW HCUSR8228 07354030 Scale =.1875"/Ft. R8228- 11201 1TDG8228Z01 EC/DLJ 25734 12/20/07

Bot chord 2x10 SP SS :B2 2x4 SP #2 Dense:
Webs 2x4 SP #3
:Lt Slider 2x4 SP #3: BLOCK LENGTH = 1.500:
:Rt Slider 2x4 SP #3: BLOCK LENGTH = 1.500: rigid Calculated horizontal deflection is 0.16" due to live load and 0.28" due to dead load. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. ITW Building Components Group, Inc.
Haines City, FL 33844
Fl Carlificate of Authorization #0 770 Collar tie braced with continuous lateral bracing at 24" OC. or TYP. ceiling. ALPINE 18 Gauge HS, 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 FALLURE TO BHILD THE TRUSS IN CONTORNANCE WITH PI: OR FLABELGING. HANDLING, SHEPPIG, HISALLING A BRACHING OF TRUSSES, DESIGN CONTROLATION, AND LING. SHEPPIG, HISALLING A BRACHING OF TRUSSES, DESIGN CONTROLATION, DESIGN SHEEL APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERHISE LOCALED ON THIS DESIGN, POSITION PER DRAMINGS HOA Z ANY INSPECTION OF FLATES TO LOOKED BY (1) SHALL BE FER ANNEX AS OF FPIT 2002 SEC.3. A SEAL ON THIS DESIGN SHEEL AND LITTLE AND L **MARNIG** IRUSE'S REQUIRE EXIREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING, RETER TO BEST UNITED HAS CORRECTED SAFETY INFORMATION), PUBLISHED BY THE TRRUSS PLATE INSTITUTE, 218 NORTH LEE SIREE. SUITE IZ: ALEXANDRIA, VA, AZZIA) AND MICKA (MODO TRUSS COUNCEL OF AMERICA. 6300 LINERRY SE LAME, HADISON, HE 53/19) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS COLLECTED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAHELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CELLING. BUILDING DESIGNER PER ANSI/IPI I SEC. 160 8X8(E1) = 6X12(R)3 X 6 🦠 R-2193 U-70 W-4" 9 5 6 15 9 5 2.5X6 / 2 X 4 6-15 3X12 III Design Crit: 8-0-7 12 SS0612 / TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) 3 X 4 ≡ 23-0-0 5 X 8 (R) α -0-12Over 2 Supports ∯25X4 III 16-0 16-3-8 4-0-0 5X8(R) // $3 \times 4 \equiv$ 3 X 4 ≡ 8 X 8 ■ uithin 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 BC attic room floor loading: LL = 40.00 psf; DL = 3-6-0 to 19-9-8. In lieu of structural panels use purlins to brace all flat TC @ $0\mathrm{C}$. Wind reactions based on MWFRS pressures. 7.36.0424 1330612 // 6-0 6X12(R) Ⅲ 3X6 / 3X12 III 7-0-0 R=2218 U-70 W-4" 2.5X6 CORIOR 000 8X8(E1) 11 6 0 SPACING TOT.LD. BC DL TC DL IC LL DUR.FAC. FL/-/4/-/E/-/-24.0" 1.25 40.0 10.0 20.0 10.0 PSF 0.0 10.00 psf; from PSF PSF JREF -FROM SEQN-DATE HC-ENG DRW HCUSR8228 07354003 Scale =.1875"/Ft. R8228- 11202 1TDG8228Z01 DF / DF 11-1-13 25970 12/20/07

Bot chord 2x10 SP SS :B2 2x4 SP #2 Dense:
Webs 2x4 SP #3
:Lt Slider 2x4 SP #3: BLOCK LENGTH = 1.5
:Rt Slider 2x4 SP #3: BLOCK LENGTH = 1.5 PLT Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. rigid ceiling. Collar=tie braced with continuous lateral bracing at 24" OC. or Calculated horizontal deflection is 0.16 due to live load and 0.28 due to dead load. Haines City, FL 3844
FI Continue of Amborization # 0 276 TYP. **ALPINE** 18 Gauge HS, , Wave **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE TUSTALLATION CONTRACTOR. THE BCG, THC. SHALL NOT BLE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE THUSS IN COMPORMANCE WITH FPI; OR FARRENTHING, HAND LIG. SHEPPIG., HYSALLING A REALING OF TRUSSES.

DESIGN CONTROTH APPLICABLE PROVISIONS OF NDS (MAITONAL DESIGN SPEC, BY AFAPA) AND TPI.

THE BCG CONNECTION PLATES ARE HADE OF 20/18/166A (H. H/SS/K) A SEH AG53 GRADE 40/60 (H. K/H.SS) GALV. SITEL APPLY PLATES TO LACH FACE OF TRUSS AND. HANDESS OTHERWISE COLCILE ON THIS DESIGN, POSITION PER DRAWLINGS 160A 2. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER AMMEY AS OF PII 200Z SEC.3. A SEAL ON THIS DESIGN SHOWN.

DRAWLING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLETY FOR THE TRUSS COMPONENT DRAWLY AS OF PII 100 STEETY FOR THE TRUSS COMPONENT DRAWLE AND BUILDING IS THE RESPONSIBILITY OF THE **MARNIG** IRUSSES REDWIRE EXIREME CARE IN FABRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING, RETER TO BOSS! (BUHIDING COMPONENT SATELY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 3127, ALEXANDRIA, NA, 22314) AND MICKA (MODO TRUSS COUNCIL OF AMERICA, 6300 CHICERREISE LAME, HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. HINCESS OTHERWISE INDICATED FOR OHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CELLING. BUILDING DESIGNER PER AUSI/IPI I SEC. 8X8(E1) = 6X12(R)3 X 6 🐠 R-2078 U-56 W-4" 2X4 III 9 51 6 15 9 51 6 15 2.5X6 / 3X12 III 8-0-7 SS0612 / 12 -12 3 \ 4 ≡ 23-0-0 Over 2 Supports 5 X 8 (R) ω 0-12 §25×4 Ⅲ 16 4-0-0 16-3-8 4-0-0 0 5X8(R) // $3X4 \equiv$ 1-0-4 3 X 4 ≡ 8 X 8 ≡ 3X12 III S\$0612 ₩ 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 BC attic room floor loading: LL = 40.00 psf; DL 3-6-0 to $19\cdot 9-8$. In lieu of structural panels use purlins to brace all flat TC @ $0\mathrm{C}_{\cdot}$ Wind reactions based on MWFRS pressures. -6-0 6X12(R) Ⅲ 7-0-0 7.36.042 2.5X6 / R=2222 U=71 W=4" 3 X 6 // Dec 000 ONAL ENGIN 8X8(E1) = CORIOR 1 6 0 0TY:1SPACING BC LL BC DL TC DL IC LL DUR.FAC TOT.LD. FL/-/4/-/E/-/ 24.0" 1.25 40.0 10.0 10.0 PSF 20.0 0.0 = 10.00 psf; from PSF PSF PSF PSF JREF-FROM SEQN-DATE REF HC-ENG DF/DF DRW HCUSR8228 07354004 Scale = .1875"/Ft. 24 R8228-1TDG8228Z01 11 - 1 - 1325965 12/20/07 11203

Bot chord 2x10 SP SS :B2 2x4 SP #2 Dense:
Webs 2x4 SP #3
:Lt Slider 2x4 SP #3: BLOCK LENGTH = 1.500:
:Rt Slider 2x4 SP #3: BLOCK LENGTH = 1.500 PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. rigid ceiling. Calculated horizontal deflection is 0.16" due to live load and 0.28" due to dead load. Collar tie braced with continuous lateral bracing at 24" OC. ITW Building Components Group, Inc.
Haines City, FL 33844
FI Cartificate of Authorization #0 270 ALPINE 18 Gauge HS Wave **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG. LINC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH FPI; OR FARREACHING, HANDLING, SIMPPING, INSTALLING, A BRACHLO OF TRUSSES.

DESIGN CONTORNS WITH APPLICABLE PROVISIONS OF ANDS (MAITONAL DESIGN SPEC. BY AFRA) AND TPI. THE BCG CONNECTOR FLATES ARE HADE OF 20/18/16/64 (#.H/SS/K) ASTH A653 GANDE 40/60 (#.K/M.SS) GALY. STELL APPLY PLAIES TO EACH FACE OF TRUSS AND. UNLESS OHERMISE LOCATED ON THIS DESIGN, POSITION PER DRAWHINGS 160A Z PLAIES TO LACH FACE OF TRUSS AND. BUILDING DESIGNER PER ANSI/IPI I SEC DRAWING INDICATES
DESIGN SHOWN, 1 **WARNING** INVISES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING. RETER TO BEST (BUILDING COMPONENT SALETY INFORMATION). PUBLISHED BY FIP (TRUSS PLAKE INSTITUTE, 218 MORTH LE STREET, SUITE 127. ALEXANDRIA, VA. 22314) AND MICHA (MODD TRUSS COUNCIL OF AMERICA. 6300 ENTERPRISE LAME, MADISON, MI \$3319) FOR SAFETY PRACTICES PRIOR TO PERFORMING HEST FUNCTIONS. UNLESS OTHERNISE INDICATED IN CORRES SMALL HAVE PROPERLY ATTACHED STRUCTURAL PAWELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED RIGHD CELLING. 8X8 (E1) ≡ 2X4 III R-2078 U-56 W-4" 95 3×6 🐠 2.5X6 / 1 6 6 15 3X12 III Design Crit: SS0612 ø **6**X12(R) 8-0-7 AND USE OF THIS COMPONENT FOR = 12 TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) 9 .5X4 23-0-0 Over 2 Supports 5X8(R) ₩ 00 = 0 -12 SOLELY FOR THE TRUSS COMPONENT NG 15 THE RESPONSIBILITY OF THE В2 16-3-8 16 4-0-0 4-0-0 0-0 5X8(R) // 3 X 4 ≡ 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 BC attic room floor loading: LL = 40.00 psf; DL = 10.00 psf; from 3-6-0 to 19-6-0 . In lieu of structural panels use purlins to brace all flat TC @ 0C. Wind reactions based on MWFRS pressures. 7.36.0424 3 X 4 ≡ 8X8 ≡ Dec 12 12 9-6-0 SS0612 / 6X12(R) 7-0-0 3X12 III 2.5X6 / QTY:1 = R=2078 U=56 W=4" 5×4 ⊪∟ 2 0 9 8X8(E1) 2-0-9 3 X 6 // BC DL TC DL TC LL DUR.FAC. SPACING TOT.LD. FL/-/4/-/E/-/-H 24.0" 1.25 40.0 10.0 20.0 8-0-0 10.0 PSF 0.0 PSF PSF FROM JREF-SEQN-DATE HC-ENG DRW HCUSR8228 07354005 Scale = .25"/Ft. R8228 11204 1TDG8228Z01 DF / DF 25960 12/20/07

Bot chord 2x10 SP SS :B2 2x4 SP ||2 Dense:

Webs 2x4 SP ||3
:Lt Slider 2x4 SP ||3: BLOCK LENGTH = 1.500'
:Rt Slider 2x4 SP ||3: BLOCK LENGTH = 1.500' Collar tie braced with continuous lateral bracing at 24" OC. rigid ceiling. Calculated horizontal deflection is 0.16" due to live load and 0.28" due to dead load. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,.$ Fl Camines City, FL 33844 ITW Building Components Group, Inc. Haines City, FL 33844 TYP. ALPINE 18 Gauge HS, Wave ** IMPORTANT**THRRIN A COPY OF HIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BEG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DITVATION FROM HIS DESIGN; ANY FALURE TO BHILD THE BRUSS IN COMFORMANCE WITH PIL: ON FARRICATING, HANDLING, SHIPPING, HISTALLING & BRACHEG OF TRUSSES.

BESIGN COMFORMS WITH APPLICABLE PROVISIONS OF HOS (MATIONAL DESIGN SPEC, BY ATAPA) AND IPI

CONNECTION PAIRTS ARE HADE OF ZOT/BEJGGA (P.H.952X) ASHA ASAS GRADE 40,560 (H. KJM. SS) GALV STEEL. APPLY

PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE (COCATED ON HIS DESIGN, POSITION FER BRAHHEG 160A Z.

ANY INSPECTION OF PLATES POLLOWED BY (1) SHALL BE PER AHER AS OF IPI ZODOS SEC. J.

ASEA ON HIS DESIGN SHOWN. THE SULVABLILLY AND SEC OF THE ZODOS SEC. J.

ANY LIBERTAL HABILITY AND DESE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE **MARNING** IRRISES BEQUERE CEREE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RETER TO BEST (BRUSS PHATE IRSTITUTE, ZIB HORRITH LE SIRCE, SUITE 312, ALEXANDRIA, VA, 2731A) AND MICA (MODD IRRISS COUNCIL OF AMERICA, GOOD CINESE COUNCIL OF AMERICA, GOOD CONTROLATION OF AMERICA, GOOD CONTROLATION OF A SAFETY PRACTICES PRIOR TO PERFORMING HIESE FUNCTIONS. UNLESS A PROPERLY ANTACHED STRUCTURAL PANELS, AND BOTTOM CHORD SHALL HAVE PROPERLY ANTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY PANELS AND PROPERLY ANTACHED STRUCTURAL PROPERLY PANELS AND PROPERLY P 1 6 0 8X8(E1) = 6X12(R)3 X 6 ∕ R-2189 U-69 W-4" 95 5 2.5X6 / 2 X 4 1-6-15 3X12 III Design Crit: 8-0-7 SS0612 / 12 TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/0(0) 3 X 4 ≡ 23-0-0 Over 2 Supports 4X8(R) ₩ 8-0-12 **3**%4 == 3-3-8 16 0 16-3-8 3-3-8 1.5X4 III 5X8(R) # 3 X 4 ≡ 8 X 8 = 0 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 BC attic room floor loading: LL = 40.00 psf; DL = 10.00 psf; from 3-6-0 to 19-6-0 . In lieu of structural panels use purlins to brace all flat TC @ 0C. Wind reactions based on MWFRS pressures. 6 00E9 0] 12 | SS0612 // 7.36.0424 10 - 46X12(R) III 3X6少 3X12 III 7-0-0 3 12 0 9 i)ec R-2189 U-69 W-4" 2.5X6 8X8(E1) =11 1 6 0 BC LL TC DL BC DL TC LL SPACING DUR.FAC. TOT.LD. FL/-/4/-/E/-/-1.25 40.0 10.0 20.0 PSF 24.0" 10.0 PSF 0.0 PSF PSF PSF REF JRFF-FROM SEQN-DATE HC-ENG DRW HCUSR8228 07354006 Scale = .1875"/Ft. R8228- 11205 1TDG8228Z01 DF/DF 25975 12/20/07 6

Bot End 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. BC attic room floor loading: LL = 40.00 psf; $3-6\cdot0$ to $19\cdot6\cdot0$. In lieu of structural panels use purlins to brace all flat TC @ 24" $\,$ 0C. See DWGS A11015EE0207 & GBLLETIN0207 for more requirements GABLE END IS DESIGNED TO SUPPORT 8" MAX RAKE OVERHANG XX Haines City, FL 33844
FI Carificate of Authorization # 0 770 MEMBER TO BE LATERALLY BRACED FOR WIND LOADS PERPENDICULAR TO TRUSS. BRACING SYSTEM TO BE DESIGNED AND FURNISHED BY OTHERS. ITW Building Components Group, Inc. Haines City, FL 33844 2x8 SP #1 Dense: chord 2x10 SP SS Webs 2x4 SP #3 BUILDING DESIGNER IS RESPONSIBLE FOR THE DESIGN OF verticals not exposed to wind pressure TYP. ALPINE Wave **IMPORTANT**rurwish a copy of this design to the installation contractor. The bcg, inc. shall hot be responsible for any deviation from this design, any fallure to boild the truss in comformance with fpl; or fabricaling, manufung, shipping, installing a bracing of fruses; design conforms with applicable provisions of nos (maidonal design spec, by Afra) and fpl, design conforms with applicable provisions of nos (maidonal design spec, by Afra) and fpl, design confiction for falls are hade of 20/18/166a (M.H/SS/R) ASHA A653 GRADE 40/60 (M. K/M.SS) GALV. SIELL APPLY PLAIES TO EACH FACE of TRUSS AND. UNIESS OHERHISE LOCATED ON THIS DOTSING, POSITION PER DRAHJUGS 160A Z. ANY HISPECTION OF FLAIES FOLLOWED BY (1) SHALL BE FER ARMEX A3 OF THI 2002 SEC.3. A SEAL ON THIS BRAHJIG, INDICATES ACCEPTANCE AS THE MAINT AS OF THIS SOLLY FOR THE BURST COMPONENT OF THE BURST CONTROL OF THE SOLLY FOR THE SECOND OF THE BUILDING DESIGNER PER A PROPERLY ATTACHED RIGID CEILING Design Crit: DL 1-6-0^j 1 8X14 III 1.5X4 III 3X4= 10.00 R = 350€2-0-5> 3 15 3X4 // psf; from TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/0(0) 3X4 / PLF 1.5X4 III U=12 6 X 6 / PLF 6-10-5 12 ¥ 4-0 7 X 6 (R) within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC Dt=5.0 psf. Iw=1.00 GCpi (+/-)=0.18 Collar-tie braced with continuous lateral bracing at rigid ceiling. Wind reactions based on MWFRS pressures. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. 23-0-0 7.36 Over 2 Supports T4 Dec 20 16-3-8 8 X 8 ά 7 X 6 (R) 350 BC LL BC DL TC DL TC LL SPACING DUR.FAC TOT.LD. PLF FL/-/4/-6X6/ U=12 10 12 1.5X4 III PLF 3 X 4 ≡ /E/-/-20.0 24.0" 1.25 40.0 10.0 10.0 0.0 W=6-4-0 -3-11 -2-0-9> 3 X 4 // PSF PSF PSF PSF PSF 1.5X4 W 3 X 4 // 3-15 REF JREF-FROM SEQN-DR W DATE HC-ENG \\\\8\X14 ||| Scale = .25"/Ft. 11-6-0¹ HCUSR8228 07354024 R8228-1TDG8228Z01 DF/DF 12/20/07 11206 8-0-0 2

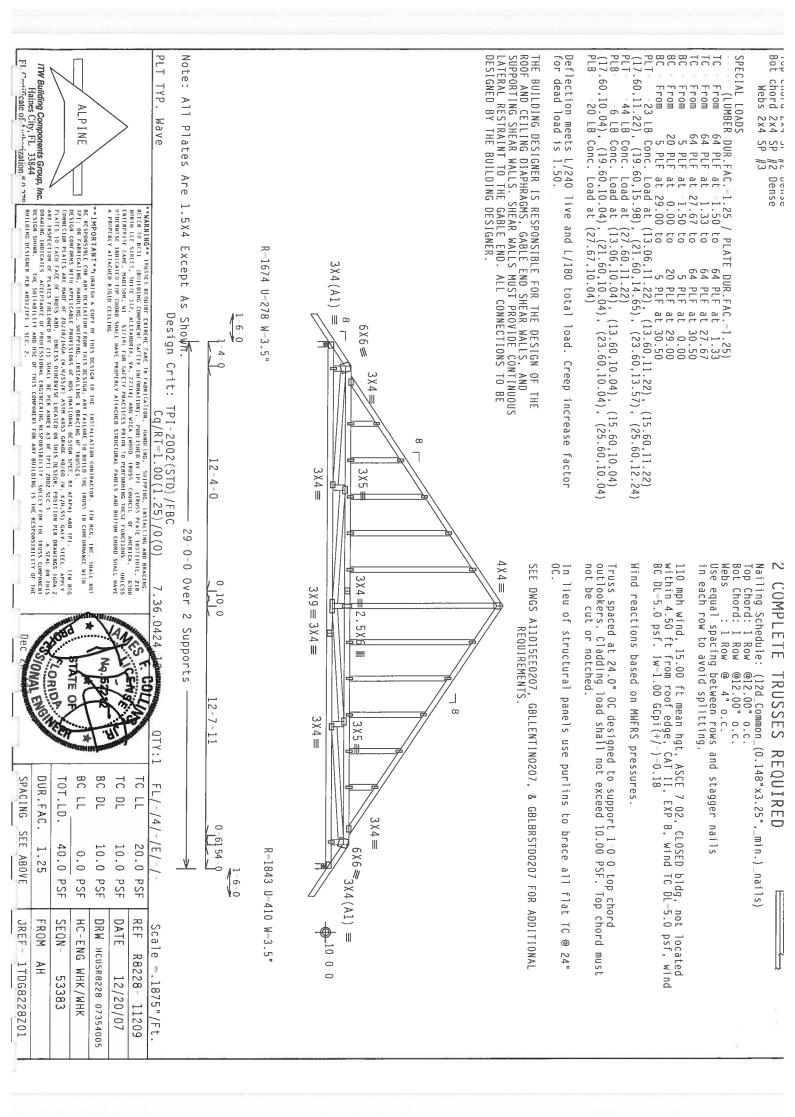
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Haines City, FL 33844 ITW Building Components Group, Inc. TYP. ALPINE Wave 1 6 0 2.5X6(B1) =R-1322 U-271 W-3.5" **IMPORTANT**JURNISH A COPY OF THIS DESIGN TO THE THISTALLATION CONTRACTOR. THE BGG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS OFSIGN, ANY FAILURE TO BOILD THE THUSS IN COMPORMANCE WITH IP: OR FARBETCHING, HANDLING, SHEPPING, HISTALLING, A BRACHING OF THUSSES, DESIGN CONTROLATION, HANDLING, SHEPPING, HISTALLING, A BACKING OF THE SECOND FOR THE SECO BUILDING DESIGNER PER ANSI/IPI 1 SEC. 2. DESIGN SHOWN. I **WARNING** IRUSECS REQUIRE CYREME CARE IN FARRICATION. IMABLING. SHIPPING, INSTALLING AND BRACING. RETER TO RESS! QUILLING COMPORENT SATE'S INDERNATION, PUBLISHED BY PET (TRUSS PLATE INSTITULE, ZIR HORST LEE STREE, SUITE 312, ALEXANDRIA, VA. ZZ314) AND MICA (MODIO TRUSS COUNCEL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, HI 53719) FOR SATETY PRACTICES PRIOR TO PERFORMING INESE FUNCTIONS. UNLESS OTHERNISC HOLDSKILDED OF CORDS SHALL HAVE PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE œ THE SULLABILITY Design Crit: 3X4 // AND USE OF THIS COMPONENT FOR 1.5X4 W 4-6-0 TPI-2002 (STD) /FBC 3 \ 4 ≡ Cq/RT=1.00(1.25)/0(0) ANY BUILDING 29-0-0 Over 2 Supports SOLELY FOR THE TRUSS COMPONENT NG IS THE RESPONSIBILITY OF THE $4 \times 4 =$ 3 \ 4 ≡ Wind reactions based on MWFRS pressures. 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 7.36.0424 3 X 4 == STATE OF CORIOR .5X4 /// 4-6-0 3 X 4 🧥 ВС DUR.FAC. TC DL TC LL SPACING TOT.LD. FL/-/4/-____ 2 R-1322 U-271 W-3.5" /E/-/-2.5X6(B1) =24.0" 1.25 40.0 10.0 PSF 20.0 PSF 0.0 10.0 PSF PSF PSF 1-6-0 SEQN-DATE REF FROM JRFF - 1TDG8228Z01 HC-ENG WHK/WHK DRW HCUSR8228 07354016 Scale = .25"/Ft. R8228- 11207 53352 12/20/07 _10 0 0

Bot chord 2x4 SP
Webs 2x4 SP PLT Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\mathrm{cm}$ 8 FI Carificate of A. Marization " 0 770 ITW Building Components Group, Inc. TYP. Continuous lateral bracing equally spaced on member ALPINE Wave #2 Dense **IMPORTANT**TURNISH 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 PPI; OR FAREICKTHIC, HANDLIGE. SHEPPIRC, INSTALLING & BRACHING OF TRUSSES.

DESIGN CONFIDENCE HIT MEPLICABLE PROVISIONS OF THIS (MATIONAL DESIGN SPEC, BY ATRA) AND TPI. IN BCG CONFICEROR PAICES ARE ADDED OF 20/18/16/CA (PLINSX) ASTED AND EAST GROUP OF REPORTS OF THIS DESIGN SPEC, BY ATRAY AND TPI. BCG CONFIDENCE OF THIS DESIGN SPEC, BY ATRAY AND THIS DESIGN AND TRUSSES OF TRUSSES, AND THIS DESIGN AND THE SUBJECT OF TRUSS AND THIS DESIGN AND THIS DESIGN AND THE SUBJECT OF THE TRUSS COMPONENT OF SHEET AND THE SUBJECT OF THE TRUSS COMPONENT OF SHEET SHOWN.

BEST OF THE SHOWN. THE SUITABLILITY AND USE OF THIS COMPONENT OR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/PPI > SEC. 2 **MARNING** IRUSSES REQUIRE EXIRIHE CARE IN FABRICATION, HANDING, SHIPPING, INSTALLING AND BRACING, RETER TO BEST.

BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY FIFI (TRUSS PLATE INSTITUTE, 218 MORTH HE SIREEL, SUIC 312. ALEXANDREAL, VA, 222.31) AND MICHA (MODD TRUSS COUNCEL OF AMERICA. 6300 ENHERBRISE LANE, MADISON, WI 53319) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OFFICENISE INDICATED TO CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAWELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHTD CLICING. 1 6 0 $2X4(A1) \equiv$ π 663 U-64 W-3.5" Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) 8 13-0-0 Over 2 Supports 1.5X4 III 5 X 4 // R-533 U-180 W-4" Ξ Right end vertical not exposed to wind pressure Wind reactions based on MWFRS pressures. psf, wind BC DL=5.0 psf. Iw=1.00 GCpi (+/-)=0.55 psf. wind BC DL=5.0 psf. Iw=1.00 GCpi (+/-)=0.55 3 X 4 ≡ 2X4 III 7.36.0424 10 0 0 9 0TY:1BC DL ВС TC DL TC LL SPACING DUR.FAC. TOT.LD. FL/-/4/-/E/-/-40.0 24.0" 1.25 10.0 10.0 PSF 20.0 PSF 0.0 PSF PSF PSF JREF-FROM DATE REF SEQN-HC-ENG WHK/WHK DRW HCUSR8228 07354042 Scale = .25"/Ft. R8228- 11208 1TDG8228Z01 53359 12/20/07



PLT TYP. Wave Bot chord 2x4 SP Webs 2x4 SP Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,.$ Haines City, FL 33844
FI Continue of Amborization Haines City of Amborization Haines ALPINE **1** 6 0 **1** #2 Dense $2X4(A1) \equiv$ **IMPORTANT** TURNISH A COPY OF THIS DESIGN TO THE THISTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE HITH IPIT. OR FARRICATING, HANDLING, SUPPING, HISTALLING & BRACHE OF TRUSSES, DESIGN CANTONES WITH APPLICABLE PROPYSIONS OF THIS CANTONE, SUPPING, THISTALLING & BRACHE OF THE SECOND OF THE SECOND FOR THE APPLY PLATES TO EACH FOR THE OF THE SECOND OF THIS DESIGN, POSITION PER DEMANDES JOAN Z. ANY INSPICTION OF TRACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DEMANDES JOAN Z. ANY INSPICTION OF TRACES TOLLOWED BY (1) SHALL BE FER ANNEX AS OF THIS DOES SEC. 3. A SEAL ON THIS BESTON AND THE SECOND SHALL BE THE AND THE THUSS COMPONENT DESIGN AND THE SHALL AND THE SHALL BE THE AND THE THUS COMPONENT DESIGN AND THE SHALL BE THE AND THE THUS COMPONENT DESIGN AND THE SHALL BE THE AND THE THUS COMPONENT DESIGN AND THE SHALL BE THE ADDITION OF THE THUS COMPONENT DESIGN AND THE SHALL BE THE ADDITION OF THE SHALL BE THE ADDITION OF THE SHALL BE THE ADDITION OF THE THE SHALL BE THE ADDITION OF THE THE SHALL BE THE ADDITION OF THE THE SHALL BE THE ADDITION OF THE SHALL BE THE ADDI DRAMING INDICALES ACCEPTANCE OF PROFESSIONAL (MGHEERING RESPONSIBIL DESIGN SHOWN THE SUITABILLIY AND USE OF THIS COMPONENT FOR ANY BUILDING DESIGNER PER ANSI/TPI I SEC. 2. **MARNING** IRUSSES RIQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RETER TO BEST. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY FT! (TRUSS PLATE HISTIDUIE, 21B MORTH LE STREEL, SUITE 312, ALEXANDRA, VA, 22314) AND MICA (400D TRUSS COUNCIL OF AMERICA, 6300 ENTIFERNESS LAME, HADISON, MI 53/19) FOR SAFETY PRACTICES PRIOR TO PEFFORMING HIESE FUNCTIONS. UNLESS O DIMENISCI, DURANTE HOP COMBON SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS, AND BOTTOM CHORD SHALL HAVE R=657 U=131 W=3.5" W œ Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) -6-0 13-0-0 Over 2 Supports 1.5X4 W $4 \times 4 =$ \Box anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi $\{+/-\}=0.55$ Wind reactions based on MWFRS pressures 7.36.0424 0-9-9 8 BC LL PC DL SPACING TC DL DUR.FAC. TC LL TOT.LD. FL/-/4/-/E/-/-R=539 U=110 W=3.5" $2X4(A1) \equiv$ W 24.0" 1.25 10.0 20.0 PSF 40.0 PSF 10.0 PSF 0.0 PSF PSF JREF-FROM SEQN DATE REF HC-ENG WHK/WHK DRW HCUSR8228 07354015 Scale = .5"/Ft. R8228 11210 1TDG8228Z01 53137 12/20/07

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

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

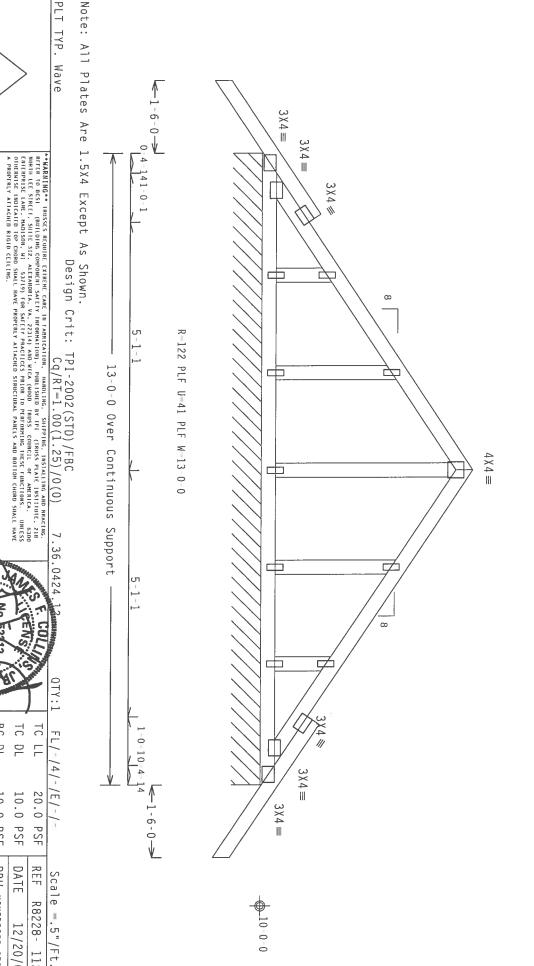
THE BUILDING DESIGNER IS RESPONSIBLE FOR THE DESIGN OF THE ROOF AND CEILING DIAPHRAGMS, GABLE END SHEAR WALLS, AND SUPPORTING SHEAR WALLS. SHEAR WALLS MUST PROVIDE CONTINUOUS LATERAL RESTRAINT TO THE GABLE END. ALL CONNECTIONS TO BE DESIGNED BY THE BUILDING DESIGNER.

anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures

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

SEE DWGS A11015EE0207, GBLLENTINO207, & GBLBRSTD0207 FOR ADDITIONAL REQUIREMENTS.



Haines City, FL 33844
Fl Cartificate of Authorization # 0 279 ITW Bullding Components Group, Inc. Haines City, FL 33844

BUILDING DESIGNER PER ANSI/TPI I SEC.

ALPINE

IMPORTANTFURMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS OCSIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE HITH IP: OR FARRICATHIG, HANDLIG, SHEPPIUG, HISTALLING A BRACTHO F TRUSSES.

DESIGN COMPORES WITH APPLICABLE PROVISIONS OF DUS (MATIONAL DESIGN SEC, BY AFRA) AND IPI. THE GOODWICTOR PALEIS ARE HADO OF 20/18/166A (H.H/SS/K) ASIM A653 GRADE 40/60 (M. K/M.SS) GALV. SIEEL. APPLY PHATES TO EACH FACE OF TRUSS AND. DULCES OTHERHISE LOCATED ON THIS DESIGN, POSITION PER DRAHIGHS 160A AZ ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE FER ANHEX A OF THIS 200E SEC. 3. A SEAL ON THIS DRAHIGH INDICASES ACCURRENCE OF THE STORY OF THE SOURCE FOR THE TRUSS COMPONENT OF THE SHALL SHALL ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE FER ANHEX AS OF THIS 200EY FOR THE TRUSS COMPONENT OF THE SHALL SHALL

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R8228- 11211

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DRW HCUSR8228 07354018

Bot chord 2x4 SP #2 Dense

Webs 2x4 SP #3

:Stack Chord SC1 2x4 SP #2 Dense:

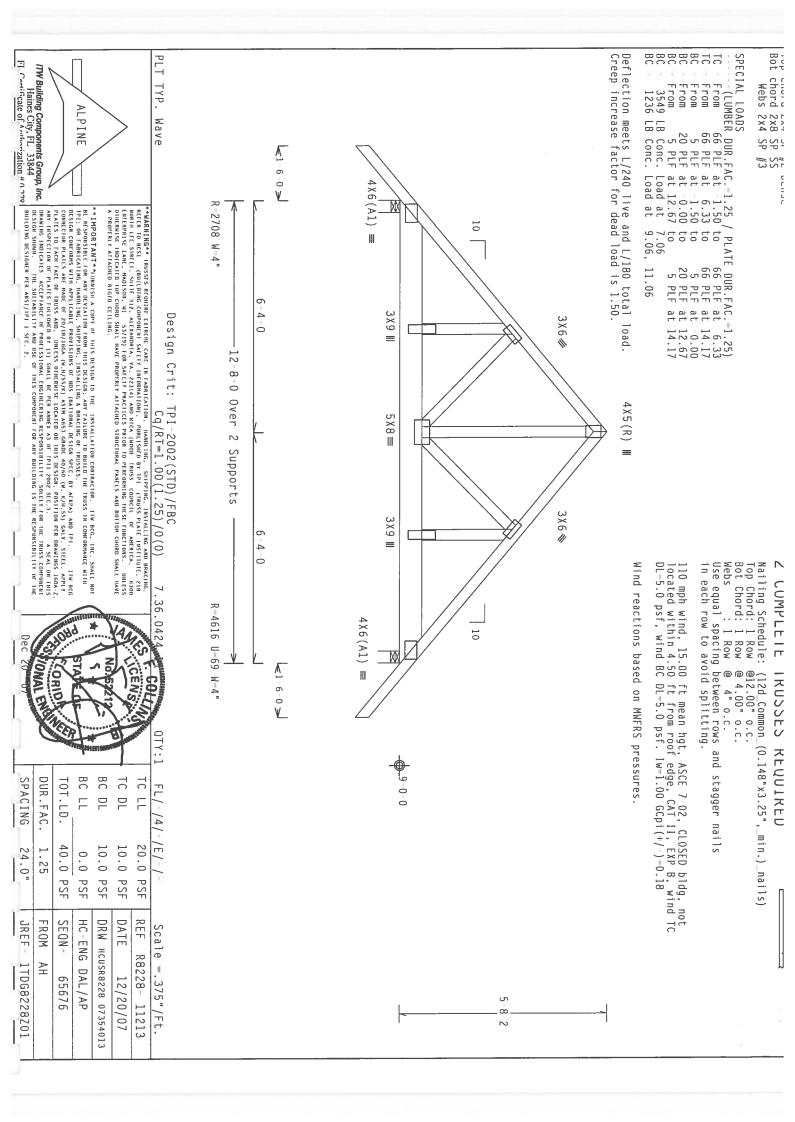
Stack Chord SC2 2x4 SP #2 Dense: Truss spaced at 24.0" OC designed to support 1-0-0 top chord outlookers. Cladding load shall not exceed 10.00 PSF. Top chord must not be cut or notched. Note: All Plates Are 1.5X4 Except As Shown. PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,.$ In lieu of structural panels use purlins to brace TC @ Haines City, FL 33844 Haines City, FL 33844 ALPINE Wave 18° V R-110 PLF U-24 PLF W-12-4-0 2.5X8(A3) =0-0 (NNL 3-0-0 W ** IMPORTANT **TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT RE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN: ANY FALURE TO BUILD THE TRISS IN COMFORMANCE WITH FDI: OR FARREACHING, HANDLING, SHIPPING, INSTALLING A BRACLING OF TRUSSES. DESIGN OF THE SECOND THE SECOND FROM THE APPLICABLE PROVISIONS OF MOS (MALIONAL DESIGN SPEC, BY AFAPA) AND FPI. ITH BCG COMMICCIOR PLATES ARE HADE OF 70/1916/GA (M.H.SES) GHALE ABACT MOSO (M.K.M.S.S) GALV. STELL APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON HIS DESIGN, POSITION FRE DRAWINGS 160A Z. ANY HISPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER AMERICA OF THIS DECORAGE SECOND. A SEAL ON THIS DESIGN AND THE SULFABILITY AND USE OF THIS COMPONENT FOR ANY SOURCE FOR SECOND SECOND OF THE SECOND SECOND SECOND OF THE SECOND SECOND OF THE SECOND SECOND OF THE SECOND SECOND OF THE SECOND OF THE SECOND OF THE SECOND SECOND OF THE SECOND OF THE SECOND OF THE SECOND SECOND OF THE **WARNING** IRUSE'S REQUIRE EXTREME CARE IN FARRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING, BROTH IN COMPONENT SAFETY IROMANION). PUBLISHED BY THE (TRUSS PLATE INSTITUTE, ZIB MOBIN LEE STREET, SUITE JEZ ALEXANDRIA, VA, ZZJJĄ NAD WILA (MODO TRUSS COUNCIL DE MAREKA. 6300 ETHERPRISE LANE, MADISON, WI 53319) FOR SAFETY PRACTICES PRIOR TO PERFORMING INESE FUNCTIONS. DULESS DIDIERNISE INDICATED OF CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PAWELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED RIGID CETLING. -310W=4" Design Crit: 10 12 - 8 - 024" OC 0ver TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/0(0) 4 X 4 ≡ 8 N 0 Supports 10 THE BUILDING DESIGNER IS RESPONSIBLE FOR THE DESIGN OF THE ROOF AND CEILING DIAPHRAGMS, GABLE END SHEAR WALLS, AND SUPPORTING SHEAR WALLS. SHEAR WALLS MUST PROVIDE CONTINUOUS LATERAL RESTRAINT TO THE GABLE END. ALL CONNECTIONS TO BE DESIGNED BY THE BUILDING DESIGNER. 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 Stacked top chord must NOT be notched or cut in area (NNL). Dropped top chord braced at 24" o.c. intervals. Attach stacked top chord (SC) to dropped top chord in notchable area using 3x4 tie-plates 24" o.c. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in notchable area Wind reactions based on MWFRS pressures using 3x6. See DWGS A11015EE0207 & GBLLETIN0207 for more requirements 7.36.0424 3 X 4 // 2.5X8(A3) Dec SIONAL ENGINEE 0-0 (NNL) 3-0-0 18 Ш V_ SC2 BC LL BC DL SPACING DUR.FAC. TOT.LD. # |-FL/-/4/-/E/-/-5 SEE 40.0 1.25 10.0 10.0 PSF 20.0 PSF 0.0 ABOVE PSF PSF PSF SEQN DATE FROM DRW JREF -HC-ENG WHK/WHK Scale =.375"/Ft.

HCUSR8228 07354006

1TDG8228Z01

R8228- 11212

12/20/07



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 Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 Wind reactions based on MWFRS pressures. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,.$ In lieu of structural panels use purlins to brace all flat TC @ 24" 0C_{\cdot} . Calculated horizontal deflection is $0.28\mbox{"}$ due to live load and $0.49\mbox{"}$ due to dead load. ITW Building Components Group, Inc. Haines City, FL 33844
FI Cartificate of Authorization # 0 779 TYP. ALPINE Wave R-745 U 8 W 4" ** IMPORTANT** URBISIA A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG. THC. SHALL NOT BE RESPONSIBLE FOR ANY DETYALIDMS TOWN FROM THIS DESIGN. ANY TAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH FIT: ON TABREACHING, UNBOLDING, SHIPPING, INSTALLING A BRACHEG OF TRUSSES.

BESTON COMPORES WITH APPLICABLE PROVISIONS OF THOS (MATIONAL DESIGN SPEC, BY ATAPA) AND TET. ITH BCG CONNECTION FOR THIS AREA HER OF ZO/JBJ JGAGA W. HISSYA) ASTH ASSO GRADE 40/50 QW. KM. SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION FOR BRAHMES 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY VI) SHALL BE FER AIMER AS OF THIS TOOS SEC. J. AS SEA. ON THIS DESIGN SHOWN. THE SUITABLILLY AND BUSE OF THIS COMPONENT TO SHEED THE FERSE ASSOCIATION OF THE STANDALLY OF THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABLILLY AND SEC OF THIS COMPONENT TO SHEED SHOWN THE SUITABLILLY AND SEC OF THIS COMPONENT TO SHEED SHEED SHEED SHEET AND SHEET AND SHEET SHE **WARNING** IRUSSES REQUIRE EXTREMÉ CARE IN FABRICATION. HANDEING, SHIPPING, INSTALLING AND BRACING. RETER TO BEST.

RETER TO BEST.

ROBITONIO Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) 4X4(A2) =17-3-4 Over 2 Supports 8X10(R) 5 X 5 🚚 Nailing Schedule: (12d Common_(0.148"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 Right end vertical not exposed to wind pressure Z COMPLETE INUSSES REQUIRED in each row to avoid splitting 7.36.042 72 Dec 3-4-R=732 U=92 QTY:1 1.5X4 III 3 X 4 ≡ BC DL TC DL TC LL SPACING DUR.FAC. TOT.LD. FL/-/4/-/E/-/-10-0-0 24.0" 1.25 40.0 PSF 20.0 PSF 0.0 10.0 PSF 10.0 PSF PSF JREF -DATE SEQN-HC-ENG WHK/WHK DRW HCUSR8228 07354029 Scale = .375"/Ft. R8228- 11214 1TDG8228Z01 12/20/07

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 Bot chord 2x4 SP //2 Dense
Webs 2x4 SP //3 In lieu of structural panels use purlins to brace all flat TC @ 24" $\,$ 0C. Calculated horizontal deflection is 0.33" due to live load and 0.57" due to dead load. Wind reactions based on MWFRS pressures. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\mathrm{cm}$ PLT TYP. Haines City, FL 33844
FI Cate of Amharization 40 770 ALPINE Wave **IMPORTANT**FIRMISH A COPY OF THIS DESIGN TO THE THISTALLATION CONTRACTOR. TWO RGG, THE SHALL NOT RETRIEVED AS COPY OF THIS DESIGN, AND YALLURE TO BUILD THE TRUES IN COMPORMANCE WITH THIS DESIGN CONTROLLED AND THE TRUES. SHALL HOLD A BRACHING OF TRUESES. OF TAREACHING, HANDLING, SHIPPING, HISTALLING A BRACHING OF TRUESES. OF ATRAA JAID PT. THE RECOMMENDED AND THE PLACE OF THE PROVISIONS OF THIS SCHALLING A BRACHING SPEC, BY ATRAA JAID PT. THE RECOMMENDED AND THE ATRACT OF TRUES AND THIS DESIGN SPEC, BY ATRAA JAID THIS DESIGN SPEC, BY ATRAA JAID THIS DESIGN SPEC, BY ATRAA JAID THIS DESIGN SPECH APPLY PLATES TO EACH FACE OF TRUES AND. UNLESS OHERWISE COCATED ON HIS DESIGN, POSITION FER BRAHINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANNEX AS OF THIS 2002 SEC. 3. AS SLA, ON THIS DESIGN SHOWN. THE SULFABILITY OF THE STANDARD SEC OFFOREMS THE SULFABILITY OF THE BRAFILED SEC OFFOREMS THE SULFABILITY OF THE BEST SHOWN THE SULFABILITY OF THE SULFABILITY OF THE BUILDING DESIGNER PER ANSI/TPL 1 SCC. 2. **WARNING** TRUSSES REQUIRE EXTREME CARE IN FARRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING, REFER TO BEST. (BUILDING CHMPORENT SAFETY INFORMATION), PUBLISHED BY THE (TRUSS PLATE INSTITUTE, 278 MORTH LET STREET, SUITE 312, ALEXANDRIA, NA, 272-213) AIDM LYCAC (MODO TRUSS COUNCELL OF AMERICA, 6300 CHIEERRESE LANE, MADISON, H 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERNISE LOUGICATED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAWELS AND BOITOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CELLING. R-745 W-4" ω 4X4(A2) =17-3-4 Over 2 Supports 4-5-10 4X5(R) # Nailing Schedule: (12d_Common_(0.148"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 Right end vertical not exposed to wind pressure 2 COMPLETE TRUSSES REQUIRED in each row to avoid splitting 7.36.0424 8X12 = 6-3 4 12 R=732 U=104 3X4// 2X4 III BC DL SPACING TC DL TC LL DUR.FAC. TOT.LD. FL/-/4/-/E/-/-24.0" 1.25 20.0 PSF 40.0 PSF 10.0 PSF 0.0 10.0 PSF 9 JREF -FROM SEQN-DATE HC-ENG WHK/WHK DRW HCUSR8228 07354031 Scale = .3125"/Ft. R8228- 11215 1TDG8228Z01 53841 12/20/07

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

110 mph wind, 15.37 ft mean hgt, ASCE 7–02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, lw=1.00 GCpi (+/)=0.18

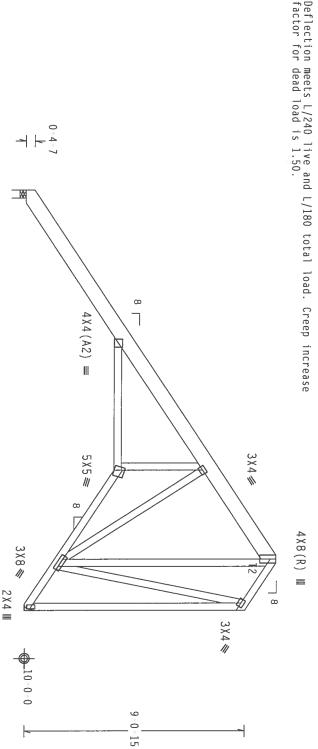
Wind reactions based on MWFRS pressures.

Calculated horizontal deflection is 0.26" due to live load and 0.44" due to dead load.

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d_Common_(0.148"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.

Right end vertical not exposed to wind pressure





Haines City, FL 33844
FI Comit cate of Authorization " A 770 ITW Building Components Group, Inc. Haines City, FL 33844 ALPINE **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE THISTALLATION CONTRACTOR. THE RCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH FITE OR FAREIGATING, HANDLING, SHIPPING, HISTALLING & REACHIGO FIRUSSES.

DESIGN COMFORMS WITH APPLICABLE PROPYISIONS OF THIS COMPONEND FOR STATE AND FOR THE RCG. THE RCG COMMECTOR PLATES ARE HADE OF 20/18/16/46 (M.H./SS/R). ASHI MG53 GRADE 40/60 (M. KMI-SS) GALV. SITEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNIESS OTHERWISE LOCATED ON THIS DESIGN, POSITION OF RE DEAAHIORS 160A. Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE FER ANHER AS OF FILE 2002 SEC. 3. A SEAL ON THIS DEALWIGE LOCATED ON THIS DESIGN. SOUTH OF THE HASS COMPONENT OF THE STATE OF THE STA

BUILDING DESIGNER PER ANSI/TPI I SEC.

TYP.

Wave

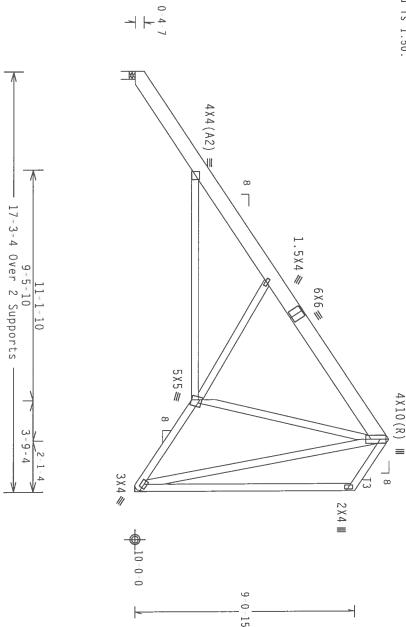
MARNING IRUSES REQUIRE EXIREME CARE IN FARRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING. REFER TO ESCI. (BUILDING COMPORENT SAFETY INFORMATION), PHILLISHED BY TIP! (TRUSS PLATE INSTITUTE, 218 MORTH LEE SIREET, SUITE 217. ALEXANDRIA, VA, 25214) AND HICA (MODO TRUSS COUNCIL OF AMERICA. 6300 ENTERNESS LAME, HADISON, HE 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OHIGHENSELLED NO EUROPE SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED TRUCTURAL TANGETS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD ELILING. Dec ONAL ENGLAS STATE SPACING BC LL BC DL TC DL IC LL DUR.FAC. TOT.LD. FL/-/4/-/E/-/-24.0" 40.0 10.0 20.0 1.25 10.0 PSF 0.0 PSF PSF PSF JREF -FROM SEQN-DATE HC-ENG WHK/WHK DRW HCUSR8228 07354049 Scale = .25"/Ft. R8228- 11216 1TDG8228Z01 53846 12/20/07

Wind reactions based on MWFRS pressures. 110 mph wind, 15.43 ft mean hgt, ASCE 7 02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi(+/-)=0.18 Bot chord 2x4 SP #2
Webs 2x4 SP #3 Dense Nailing Schedule: (12d_Common_(0.148"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. Right end vertical not exposed to wind pressure

Z COMPLETE IRUSSES REQUIRED

Calculated horizontal deflection is 0.10" due to live load and 0.17" due to dead load.

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



***MARNING** RUSSES REDURE EXTREME CARE IN FARRICATION, IMMODILIE, SHIPPINE, INSTALLING AND BRACING
REFER TO BEST (BUILDING COMPONENT SECTOR FOR THE PROCLICES PRICE BY THE CHIESE PLAIL INSTINITE, ZIB
ROBER LICE STREET, SULTE JIZ, ALEXANDRIA, WA, ZZJIA) AND HICA (MODO TRUSS COUNCIL, OF ARTENIA, AND
RITERREISE LIMIC, MADISMI, MI \$379) FOR SAFETY PRACTICES PRIOR TO PERFORMING HESE FUNCTIONS. UNLESS
RITERREISE (BD]CACID OF CHARD SMALL HAVE PROPERLY PRACTICES PRIOR TO PRECEDENT AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED RIGID CEILING. TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0)

Design Crit:

PLT TYP.

Wave

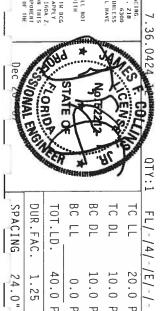
R=742 W-4"

R 725 U 105

** IMPORTANT**TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BGG. THC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. FAW YALLBEE TO BOILD THE TRUSS IN COMPORNANCE WITH IP: OF TARRICALING. MANDLING. SHIPPING, HISTALLING & BRACHEG OF TRUSSES. WE ARE AND AND THE DESIGN CONNECTION PACKET REPORTSIONS OF HIS SEALER GO TRUSSES. ONLY AND THE AND THE APPLY PRINTED RESIDNED TO TRUSSES, AND THE SEALER GO TRUSSES, AND THE SEALER GO TRUSSES. THE SEALER GO TRUSSES AND. HISTOLOGICAL PRINTED THE SEALER GOLOUPED BY COLOUPED BY COMPONENT BY COMPONENT BY COLOUPED BY COLOUPED BY COLOUPED BY COLOUPED BY COLOUPED BY COLOUPED BY COMPONENT BY COLOUPED BY COLOU

ITW Building Components Group, Inc. Haines City, FL 33844 Ft Carricate of Archanization 40 0000

ALPINE



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> DATE REF

12/20/07

Scale =.25"/Ft. R8228- 11217

DRW HCUSR8228 07354051

WHK/WHK

PSF

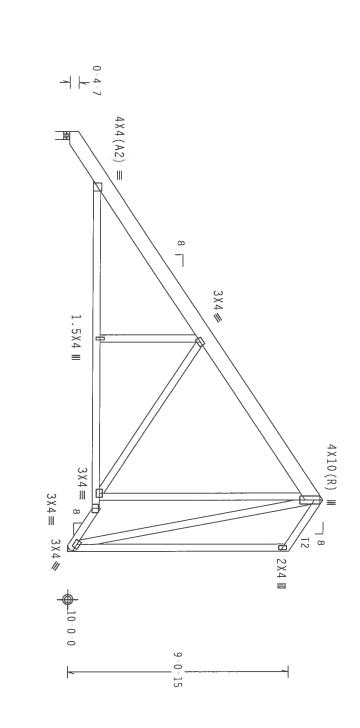
SEQN HC-ENG

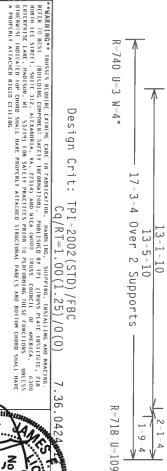
	_	
1	SPACING	DUR.FAC.
	24.0"	1.25
	JRFF-	FROM
	1TDG8228Z	AH
	870	

Wind reactions based on MWFRS pressures 110 mph wind, 15.43 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 Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 Nailing Schedule: (12d_Common_(0.148"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. 2 COMPLETE IRUSSES REQUIRED

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 $1.50\,.$





PLT TYP.

Wave

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BEG, THC. SHALL HOT BE RESPONSIBLE FOR ANY DEPLATION FROM THIS DESIGN, ANY FALURE TO SHILD THE IRMSS IN COMPORNANCE WITH FD: OR FAREACTHO, HANDLING, SHEPPING, HISTALLING A BRACHING OF TRUSSES.

DESIGN CONFIDENCE AND THE APPLICABLE PROPYISIONS OF THIS CALLING A BRACHING OF TRUSSES.

CONNECTION FAIRT ARE HADE OF ZD/LH/166A (M.H/SS/K) ASHA A653 GRADE 40/60 (M. K/H.SS) GALV. SHELL APPLY PLATES TO EACH FACE OF TRUSS AND. BULESS OTHER HIST LOCATED ON THIS DESIGN, POSITION FER DRAWHINS 166A Z. ANY LUSTRICTION OF PLATES FOLLOWED BY (I) SHALL BE FER ANDEX AS OF TOTI 2002 SEC.3.

AS EACH OF THIS SOURCE OF PROPERSIONAL BEGINNERING RESPONSIBILITY SOLLEY FOR HIS BUSSES OF THE BUSSES COMPONER.

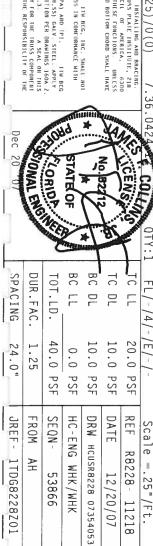
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL BEGINNER AND RESPONSIBILITY SOLLEY FOR HIS BUSSES OF THE BUSSES COMPONER.

DESIGN SHOWN. THE SULFABLE FOR THE SECONDARY AND DEFICE OF THE PLATES OF THE PL

Haines City, FL 33844
FI Catte of Autorization 40 070

BUILDING DESIGNER PER ANSI/1P1 1 SEC.

ALPINE



Bot chord 2x6 SP #2 Webs 2x4 SP #3

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

Wind reactions based on MWFRS pressures.

Calculated horizontal deflection is $0.44\mbox{"}$ due to live load and $0.73\mbox{"}$ due to dead load.

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

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

Calculated vertical deflection is 0.40" due to live load and 0.66" to dead load at X = 6.8.8. due

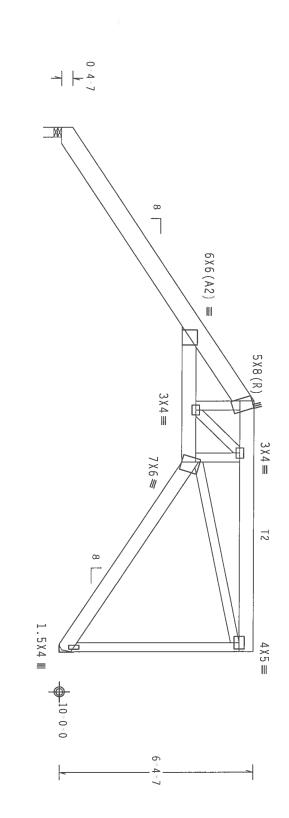
S COMPLEIE IROSSES REQUIRED

Nailing Schedule: (12d_Common_(0.148"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.
Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting.

Right end vertical not exposed to wind pressure

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

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.



R-1468 U-115 W-4"

17-3-4 Over 2 Supports 4-5-10 6-3-4 R=2057 U=162

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

PLT TYP.

Wave

HARNING HRUSKIS BROWING TYRENG CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, BETTER TO BEST. (BRILDING CHPPORENT SAFETY INFORMATION), PUBLISHED BY FIP (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREIT, SHITE 137, ALEXANDRAL, NA, 22214) AND WITCA (MOOD TRUSS COUNCIL OF AMERICA. 6300 CHIFERRISK LANG, MODISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TO CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARIELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED TRUSCINGAL PARIELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

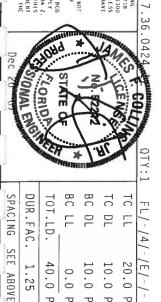
F) Conficate of Amborization # 0 270 **IMPORTANT**FURNISH A CODY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE REG. INC. SHALL NOT BE RECFONDESHEEF FOR MAY DEVALUED IN FROM HIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH IP: OR FARELGATHO, MANDLIGG, SHIPPING, INSTALLING A BRACKING OF TRUSSES.

DESIGN CONTRONS WITH APPLICABLE PROVISIONS OF 1005 (MATIONAL DESIGN SPEC, BY ATAPA) AND IPI.

THE BOC CONTROCTOR PLAISES ARE ALOUED TO 70/18/18/GAQ (H.M.SS/A) ASTADA GADE 40/60 (H.K.M.SS) GALV. STEEL. APPLY PLAIES TO EACH FACE OF TRUSS, AND, UNIESS OTHERWISE LOCATED ON HIS DESIGN, POSITION PER DRAWINGS 160A Z. ANY HRSPECTION OF PLAIES TOLLOHOUR BY (1) SHALL BE PER ANNER AS OF IPI. 2002 SEC. 3. AS ALOUEN AS AND THE SULFABLE OF THE TRUSS COMPONENT DESIGN SHOWN.

DESIGN SHOWN. THE SULFABLE OF THE SEC. 2.

ALPINE



	ENG	NAME OF THE PARTY	2	7	AL.	
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 1TDG8228Z01	FROM AH	SEQN- 54049	HC-ENG WHK/WHK	DRW HCUSR8228 07354028	DATE 12/20/07	REF R8228- 11219

Scale = .3125"/Ft.

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

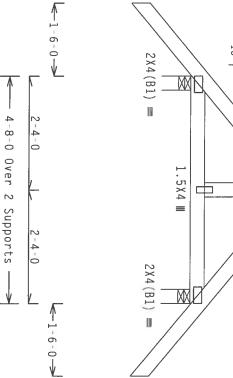
anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures

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

10 2X4(B1) =M 1.5X4 Ⅲ $4 \times 4 \equiv$ ф 10 2X4 (B1) ME

8 0 0



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

7.36.0424

FL/-/4/-/E/-/-

Scale =.5"/Ft.

R8228 11220

R-308 U-51 W-3.5"

R=308 U=51 W=3.5"

PLT TYP.

Wave

***MARNING** TRUSETS REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.

REFER TO BOST

(BUILDING COMPONENT SACTIF HEROMANDER), PUBLISHED BY FPI (TRUSS PLATE INSTITUTE, 218

HORRIL EE STREET, SHITE 312, ALEXANDRIA, VA. 22314) AND HEAG (MODD TRUSS COUNCEL OF AMERICA. 6300

LINTERRISE LANE, MADISON, HI 53719) FOR SAFETY PARCHETS PRIOR TO PERFORMING THESE FUNCTIONS. UNICESS

UTHERRISE LIDICALED TO FEMODO SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

A PROPERLY ATTACHED RIGID CELLING.

Haines City, FL 33844
Fi Cate of Authorization # 0 270 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT IT BLOCK TORK ANY DEVALUED FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH IP): OR FAREACTING, HANDLING, SHEPPIG, INSTALLING A BRACHIG OF TRUSSES.

DESIGN CONFIDENCY HITH APPLICABLE PROVISIONS OF HIDS (INLIDIANAL DESIGNS SPEC, BY ARAD) AND IP).

CHAIS THE ARE HADE OF ZO/JBJ/GAG (H.H/SS/) ASTH ASCS GRAMF GO/GO (H. K/H.SS) GALV. STEEL. APPLY CHAIS TO EACH FACE OF TRUSS AND. UNITSS OTHERWISE LOCATED ON HITS DESIGN, POSITION FRE BRANHES AND THIS DESIGN AS A SEAL ON THIS DESIGN FOR THE TRUSS COMPONENT OF SHALLS ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY TOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABLETTY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

ALPINE

STONAL ENGINEE

BC LL ВС TC DL TC LL

0.0 PSF PSF

40.0

53052

1.25

P

10.0

DRW HCUSR8228 07354012 HC=ENG WHK/WHK

10.0 PSF 20.0 PSF

DATE REF

12/20/07

SPACING DUR.FAC TOT.LD.

24.0"

JREF-FROM SEQN

1TDG8228Z01

Bot chord 2x4 Sp #2 Dense

Webs 2x4 Sp #3

:Stack Chord SC1 2x4 Sp #2 Dense:

Stack Chord SC2 2x4 SP #2 Dense:

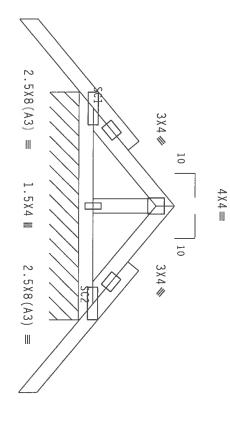
Truss spaced at 24.0" OC designed to support 1 0 0 top chord must outlookers. Cladding load shall not exceed 10.00 PSF. Top chord must not be cut or notched.

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

III mpn wind, 15.00 it mean ngt, ASCE /-UZ, PARI._ENC. Didg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

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



8 0 0

1-6-0-R-147 PLF U-3 PLF W-4-8-0 2 6 0 (NNL 2-6-0 <4-8-0 Over Continuous Support> 8 6-0 (NNL) 2 - 6 - 0**1** 6 0 **1**

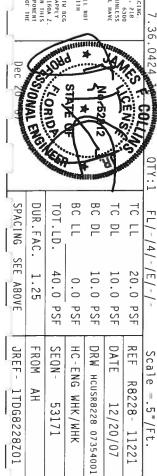
PLT TYP.

Wave

BUILDING DESIGNER PER ANSI/IPI I

FI Carificate of Amharization " A are ITW Building Components Group, Inc.

ALPINE



1TDG8228Z01

R8228- 11221

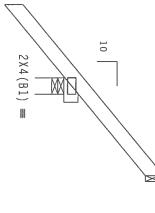
12/20/07

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

anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures







1-6-0-2-0-0 Over 2 Supports R-239 U-19 W-4"

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

PLT TYP.

Wave

IMPORTANTTURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BEG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE FOR BRIEF OF BUILD THE TRUSS IN COMPORMANCE WITH PI: OR FARREATHING, HANDLIGG. SUPPING, HISALLING & BRACHING OF TRUSSES.

DESIGN CONTRONS WITH APPLICABLE PROVISIONS OF AND S (MATIONAL DESIGN SPCE, BY ATAMA) AND TEY STEEL. APPLY OF A STATE OF THE STEEL APPLY OF A STATE OF THE STEEL APPLY OF A STATE O

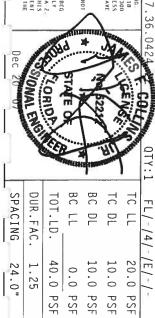
ITW Building Components Group, Inc.
Haines City, FL 33844
FI Contingate of Authorization # 0 770

ALPINE

Dec

JREF-FROM SEQN-

1TDG8228Z01



DATE REF

12/20/07

Scale =.5"/Ft.

R8228- 11222

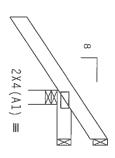
HC-ENG WHK/WHK DRW HCUSR8228 07354039

53004

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

anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures



R=-14 U=18

59 U-50 10-8-15 10-0-0

R

1-6-0-

1-0-0 Over 3 Supports Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) R-261 U-50 W-3.5"

PLT TYP.

Wave

HARNING RRUSE'S REQUIRE (XIRENE CARE IN FARRICATION, HANDEING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TIP (TRUSE PLATE INSTITUTE, 218 HORRI LEE SIREI, SUITE 312, ALEXANDRIA, VA, 22314) AND MICHA (MODD TRUSE COUNCIL OF MARKICA. 6300 CHIEERRES'E LANE, HADISON, HE 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHER METALS INDICATED TO PUBLICATED TO PUBLICATED TO PUBLICATE AND BOTTOM CHORD SHALL HAVE A PROPERLY ALTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ALTACHED RIGHT STALL HAVE

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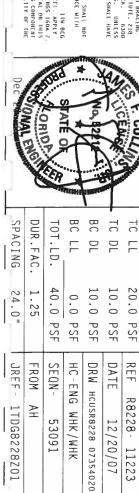
Scale =.5"/Ft.

12/20/07

Haines City, FL 3844
FI Controlled of Amboritzation 40 270 **IMPORTANT**TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, THC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS SUSTAIN ANY FAILURE TO BHILD THE TRUSS IN COMPORANCE WITH THIS DESIGN, ANY FAILURE TO BHILD THE TRUSS IN COMPORANCE WITH THIS DESIGN COMPORANCE WITH APPLICABLE PROVISIONS OF HUS SEE.

DESIGN COMPORAS WITH APPLICABLE PROVISIONS OF HUS SCHATIONAL DESIGN SPEC. BY ATARA) AND THIS DESIGN CONTROL OF THIS DESIGN SPEC. BY ATARA AND THE SULFIT SHEAT AND THE SPECIALITY OF THE BRANCH SHEAT AND THE SULFIT SHEAT AND THE SULF

ALPINE



53091

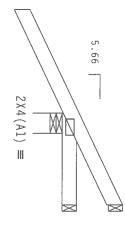
Bot chord 2x4 SP #2 Dense

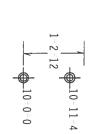
Hipjack supports 1-4-0 setback jacks with no webs.

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

anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures





R-21

1-10-10 Over 3 Supports R-142 U-47 W-4.95"

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

PLT TYP.

Wave

***MANNIBG** HRISETS REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, HISTAILING AND BRACING.

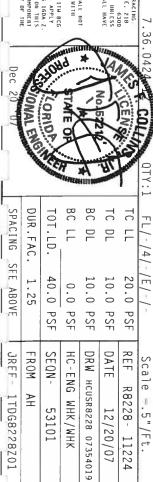
RELER TO REST (BUILDING COMPONENT SAFETY HYPORALIDS), PURCH BY THE (TRUSS PLATE HISTITUTE, 218 HORRITH LEE SIRREIT, SUITE 312. ALEXANDRIA, VA. 22314) ABD WEAR (MODD TRUSS COUNCIL OF AMERICA. 6300 CHICERRISE, LAME, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERCORMING HEES FRUCTIONS, UNILESS OTHERWISE HOLDICATION OF HORBEST SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED TRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED REGION CHORD SHALL HAVE

IMPORTANT GRAVES A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BEG. INC. SHALL NOT BE RESPONSIBLE FOR ANY PLYALION FROM THIS DESIGN. ANY LALLER TO BUILD THE TRUSS IN COMPORMANCE WITH FILE OR FARRICATING, HANDLING, SHEPPIG, HISTALLING A BRAVELIG OF TRUSSES, DESIGN CONTROLS AND THE APPLICABLE PROPLETORS OF THE SECONDARY OF TRUSSES, DESIGN CONTROLS ARE ARE OF TRUSS AND THE APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERSISE LOCATED ON THIS DESIGN. POSITION PER BRAVINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANHER AS OF TPIJ 2002 SEC.3. A SEAL ON THIS BUSINESS AND THE SULFACE OF PROPERTY AND THE SECONDARY OF THE SECONDARY

FI Comificate of Authorization " none ITW Building Components Group, Inc.

BUILDING DESIGNER PLR ANSI/IPI 1 SEC.

ALPINE

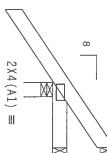


12/20/07

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

anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.



R=-6 U=16

10-0-0



1-4-0 Over 3 Supports R=244 U=40 W=3.5"

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

PLT TYP.

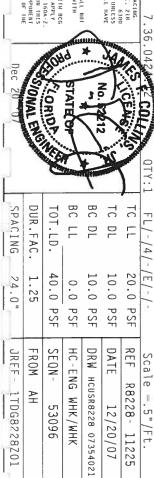
Wave

WARNING HRUSETS REQUIRE TETRENE CARE IN FARRICATION, IMADILIE, SHIPPING, HISTALLING AND BRACHIG, REFER TO RESE (BULLDING COMPONENT SACETY INFORMATION), PUBLISHED BY FIT (TRUSS PLATE INSTITUTE, ZER NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, ZZ314) AND MICA (MODD TRUSS COUNCIL OF AMERICA, 6300 FRIEGRAPHSE LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PEFFORMHIG INESE FUNCTIONS. UNLESS OTHERMISE INDICATED FOR COMED SMALL MAYE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL MAYE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL MAYE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL MAYER.

Haines City, FL 33844
FI Catle of Australian and Catle of Park And Catle of Park And Catle of Park And Catle of Park And Catle of **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, THC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, MAY FALURE TO BUILD THE TRUSS IN COMPORMANCE WITH TPI; OR FLAREACTION, ANDULING. SHAPPIG, INSTALLING A BRACTIGO FTRUSSES.

DESIGN CONFIGNES WITH APPLICABLE PROVISIONS OF 7005 (MATIONAL DESIGN SPC, 30 KATAPA, AND IPI. ITH BCG CONNICTION PLATES ARE HADE OF 20/18/16/1668 (M.1/55/K), ASIM A653 GRADE 40/60 (M. K/M.SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNIESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAATHES 160A-Z. ANY HISPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TPI1 2007 SEC.3. A SEAL ON THIS DRAATHING INDUCATES ACCEPTANCE OF TRUSSSOME MEDIALED BY (1) SHALL BE PER ANNEX AS OF TPI1 2007 SEC.3. A SEAL ON THIS DRAATHING INDUCATES ACCEPTANCE OF TRUSSSOME MEDIAL BE PER ANNEX AS OF TPI1 2007 SEC.3. A SEAL ON THIS DRAATHING INDUCATES ACCEPTANCE OF TRUSSSOME MEDIAL BE PER ANNEX AS OF TPI1 2007 SEC.3.

ALPINE



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12/20/07

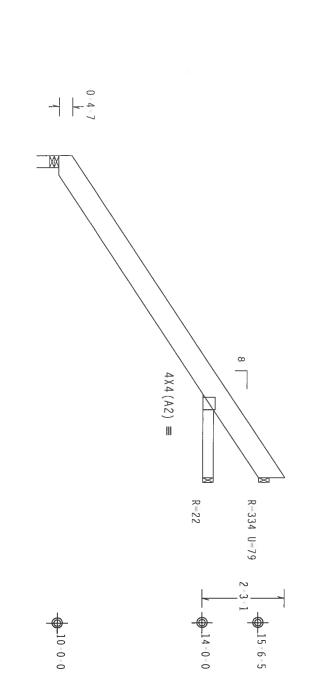
PLT TYP. Hipjack supports 9=0-0 setback jacks with no webs. Wind reactions based on MWFRS pressures 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Bot chord 2x4 SP #2 Dense FI Constitute of Authorization # 0 270 Haines City, FL 33844 ALPINE Wave **IMPORTANT**TURNISH 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 BUSS IN COMFORMANCE WITH FPI, OR FARRICALING, ANDLUIG, SHIPPIC, HISTALLING A BRACHEO OF TRUSSES, DESIGN CONTROPHS WITH APPLICABLE PROVISIONS OF DIDS (MATIONAL DESIGN SECE, BY AFRA) AND FPI, DESIGN CONTROL OF THE ARCHORY OF THE THE ARCHORY OF THE BUSS **HARNHO** RUSSES REUHIRE EXPRIME CARE IN FARRICATION, HANDING, SHIPPING, INSTALLING AND BRACING.
RETER TO REST (BUILDING COMPONENT SACTY INFORMATION), PUBLISHED BY FIG.
HORRI LEE STREET, SUITE 31Z, ALEXANDRIA, NA, ZEZISA JAID NICA (MODD TRUSS CONNECTE OF AMERICA. 6300
LHIERRYSE LANE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS
OTHERRISE LIDICATED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAHLES AND BOTTOM CHORD SHALL HAVE
A PROPERLY ATTACHED RIGID CELLING. BUILDING DESIGNER PER ANSI/IP1 1 SEC. R=565 U-45 W-5.657" Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) 12-8-12 Over 3 Supports 5.66 4X4(A2) =Nailing Schedule: (12d Common_(0.148"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. 2 COMPLETE TRUSSES REQUIRED Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. 7.36.0424 R-731 U-69 R-339 U-15 0TY:1BC LL BC DL TC DL TC LL SPACING DUR.FAC. TOT.LD. FL/-/4/-/E/-/-SEE ABOVE 1.25 40.0 10.0 20.0 PSF 10.0 PSF **→**10 0 0 0.0 ₩-14-0-0 PSF PSF JREF-FROM SEQN-DATE REF HC-ENG WHK/WHK DRW HCUSR8228 07354017 Scale = .375"/Ft. R8228 11226 1TDG8228Z01 54042 12/20/07

Bot chord 2x4 SP #2 Dense

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

itu mpn wing, is.uu rt mean ngt, asct / uz, clustu bigg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.



R=385 W=4" 8-9-14 Over 3 Supports

WARNING RRISSES REQUIRE EXTREME CARE IN FARRICATION, WANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE (TRUSS PLATE INSTITUTE, 218 MORTH LEE STREET, SUITE 312. ALEXANDRIA, VA. 22:14) AND MICHA (MODO TRUSS COUNCEL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTIFES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE LODGE-LID FOR CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED RIGHD CELLING.

PLT TYP.

Wave

ITW Building Components Group, Inc. Haines City, FL 33844 **IMPORTANT** GRINTS A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BGG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN, ANY FAILURE TO BHILD THE TRUSS IN COMPORMANCE WITH FPI; OR FAREAGAING, MANDELMG, SHIPPIG, INSTALLING A BRACING OF TRUSSES, VATARA, AND TPI.

DESIGN CONTROMS WITH APPLICABLE PROPYISIONS OF HUS GINATIONAL DESIGN SPEC, BY ATARA, AND TPI.

CONNECTION PARES ARE HADE OF 20/10/16/60 (M.H/SS/R), ASH A653 GRADE 40/60 (M.K/H,SS) GALV. SIEEL, APPLY PLAIES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAMJHOS 160A. Z.

ANY INSPECTION OF PLAIES FOLLOWED BY (I) SHALL BE FER AHMEX A. 30 F FPI] 2002 SEC. 3.

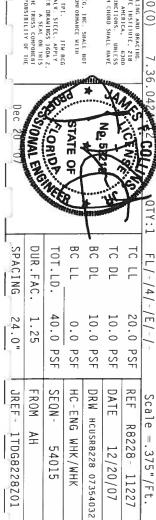
ANY INSPECTION OF PLAIES FOLLOWED BY (I) SHALL BE FER AHMEX A. 30 F FPI] 2002 SEC. 3.

BRANTIOS INDICANTS ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLLEY OR THE TRUSS COMPONENT OR SHALL BY THE ALMOST AND THE TRUSS COMPONENT OR SHALL BY THE ALMOST AND THE TRUSS COMPONENT OR SHALL BY THE ALMOST AND THE TRUSS COMPONENT OR SHALL BY THE ALMOST AND THE TRUSS COMPONENT OR SHALL BY THE ALMOST AND THE TRUSS COMPONENT OR SHALL BY THE ALMOST AND THE TRUSS COMPONENT OR SHALL BY THE ALMOST AND THE TRUSS COMPONENT OR SHALL BY THE ALMOST AND THE TRUSS COMPONENT OR SHALL BY THE ALMOST AND THE TRUSS COMPONENT OR SHALL BY THE ALMOST AND THE TRUSS COMPONENT OR SHALL BY THE ALMOST AND THE TRUSS COMPONENT OR SHALL BY THE ALMOST AND THE TRUSS COMPONENT OR SHALL BY THE ALMOST AND THE TRUSS COMPONENT OR SHALL BY THE ALMOST AND THE TRUSS COMPONENT OR SHALL BY THE TRUSS COMPONENT OR

BUILDING DESIGNER PER ANSI/IPI I SEC.

FI Comificate of Authorization " none

ALPINE



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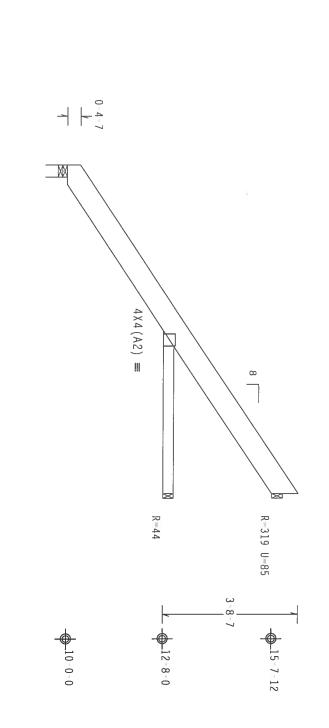
R8228- 11227

12/20/07

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

within 4.50 ft from roof edge, CAT iI, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi (+/-)=0.18

Wind reactions based on MWFRS pressures.



***MARNING** IRUSKIS REQUIRE CIRETE CARE IN FABRICALIDI, INNOLLID, SHIPPIDE, USTALLIDE AND BRACING, OFFICE TO BCS1 (BUILDING COPPORTING THE TENTION OF THE THE TO BCS1 (BUILDING COPPORTING THE TYPICAL STREET). SHIFT 312, ALTXANDRIA, VA., Z2214) AND HICA, MADO TRUSS CONCILLORS. LINET 218 (BORD CONCILLORS). UNITED TO BE ACTIVE APPROXICES PRIOR TO PERFORMING HEST CINCILORS. UNITED TO BE ACTIVE APPROXICES PRIOR TO PERFORMING HEST CONCILORS. UNITED TO STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE *WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION.
REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION). R=393 W=4" Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0)9-0-0 Over 3 Supports

PLT TYP.

Wave

ITW Building Components Group, Inc. Haines City, FL 33844 **IMPORTANT** INRIES A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BEG, THE SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH FPI; OR FAREACHING, MINIMULIO, SHIPPING, HISTALLING A BRACHING OF TRUSSES, DESIGN CONFIGERATION, AND THE PLICABLE PROVISIONS OF THIS (MATIONAL DESIGN SECE, BY AREA), AND TPI.

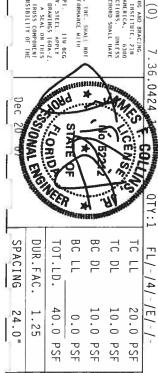
BESIGN CONFICENCE PLATES ARE AND CO 720/190/1604 (W.H.VSK), ASH A653 GRADE 40/60 (M. K/M.SS) GALV. STEEL, APPLY PLATES TO FACE OF TRUSS AND, UNILSS OTHERNIST LOCATED ON THIS DESIGN, POSITION PER DRAWHEN STEEL APPLY PLATES TO FACE OF TRUSS AND, UNILSS OTHERNIST LOCATED ON THIS DESIGN, POSITION PER DRAWHEN STEEL APPLY PLATES TO FACE OF TRUSS AND, UNILSS OTHERNIST LOCATED ON THIS DESIGN, POSITION FROM THE STANDARD STEEL, APPLY PLATES TO FACE OF TRUSS AND, UNILSS OTHERNIST LOCATED ON THIS DESIGN, POSITION FROM THE STANDARD STEEL APPLY PLATES TO FACE OF THE STANDARD STEEL APPLY APPLY APPLY THE STANDARD STEEL APPLY APPLY THE STANDARD STEEL APPLY THE STANDARD

FI Cartificate of Authorization # 0 778

BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE

A PROPERLY ATTACHED RIGID CEILING.



DATE REF

12/20/07

Scale =.375"/Ft. R8228- 11228

HC-ENG WHK/WHK DRW HCUSR8228 07354035

JREF -

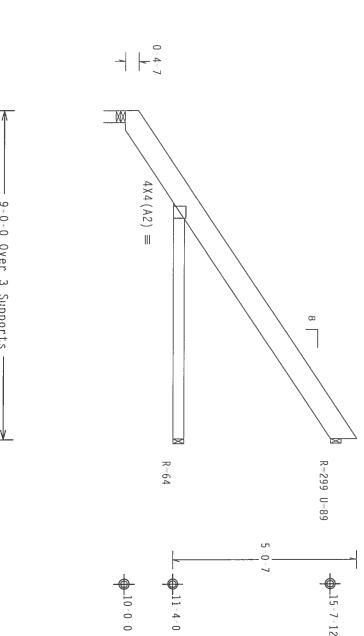
1TDG8228Z01

FROM SEQN-

anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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



R=393 W=4" Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) 9-0-0 Over 3 Supports

PLT TYP.

Wave

Haines City, FL 33844
Fi Catte of Ambarization # 0 779 **IMPORTANT**FURBLISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG. THC. SHALL NO BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FACILURE TO BUILD THE TRRISS IN COMPORNANCE WITH TPI; OR FLARECATHOG, HANDLING. SHIPPIHG, HISTALLHO A BRACHING OF TRUSSES.

DESIGN COMPORES WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY AFLPA) AND TPI. ITH BCG CONNECTION FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER BRACHINGS 160A 2 PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER BRACHINGS 160A 2 PLATES TO LOUNCE SO THE TRUSC COMPONENT OF THE PROPERTY OF THE TRUSC COMPONENT OF THE PROPERTY OF THE TRUSC COMPONENT OF THE TRU DRAMING INDICATES ACCEPTANCE OF PROFESSIONAL ENGLHERING RESPONSIBILITY DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING DESIGNER PER AMSI/THI I SEC. 2. OF TPI1 2002 SEC 3. A SEAL ON THIS OHSTBILLTY SOLELY FOR THE TRUSS COMPONENT ANY BUILDING IS THE RESPONSIBILITY OF THE

ALPINE



1.25 24.0"

JREF FROM SEQN-

1TDG8228Z01

40.0 PSF

10.0 PSF 10.0 PSF 20.0 PSF

> DATE REF

12/20/07

Scale =.375"/Ft. R8228- 11229

0.0 PSF

HC-ENG WHK/WHK DRW HCUSR8228 07354036

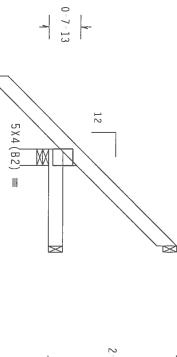
Bot chord 2x4 SP #2 Dense :Lt Wedge 2x4 SP #3:

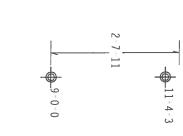
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\mathrm{cm}$

anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi $(+/\,^{\circ})$ =0.18

Wind reactions based on MWFRS pressures.

R-31 Rw-35 U-23





R=12 Rw=17 U=1

1-11-14 Over 3 Supports

R-244 U-4 W-4"

TYP. Wave

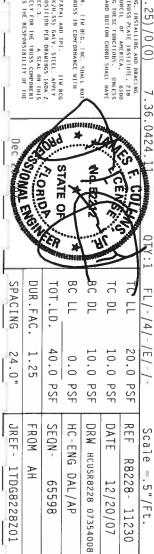
***MARNING** TRUSSES REQUIRE ESTREME CARE IN FABRICATION. HANDLING. SMIPPING, INSTALLING AND BRACING, RETER 10 RCS1 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPJ (TRUSS PLATE INSTITUTE, 27)B HORN ILE STREE!, SUITE 312, ALEXANDRIA, VA. 22314) AND MICA (MODD TRUSS COUNCIL OT AMERICA. 6300 LINICARESE, LAND. MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERIORHING THESE FUNCTIONS. WHILESS DIBLEMISE INJECTION OF THE SAFETY PROFERLY ATTACHED STRUCTURAL FAMILS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED REGIO CELLING.

ITW Building Components Group, Inc. Haines City, FL 33844 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BEG, THE SHALL NOT BE RESPONSIBLE FOR NAW EXECUTION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH INTIT, OR FARRICALING, ANDIDING, SURPPING, INSTALLING A BRACHE OF TRUSSES, DESIGN CONTROPS WITH APPLICABLE PROPYSIONS OF THOS (MATIONAL DESIGN SPEC, S. WATENA) AND IPI. THE BEG COMMECTOR PLAITES ARE HADE OF 20/18/16/06 (W. 1/55/K) ASTH A653 GRADE 40/60 (W. K/M.SS) GAVE STEEL APPLY PLAIES TO EACH FACE OF TRUSS AND. UNICES OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAFTIOS 160A Z. ANY INSPECTION OF TRATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TRIT 2002 SEC. 3. A STAL ON THIS DESIGN, ANY INSPECTION OF TRATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TRIT 2002 SEC. 3. A STAL ON THIS DESIGN SHOULD THE SULFACE OF PROPERTY AND USE OF THIS COMPONENT OR ANY INSPECTION OF THE SULFACE OF PROPERTY AND USE OF THIS COMPONENT OR ANY INSPECTION OF THE SULFACE OF PROPERTY AND USE OF THIS COMPONENT OR ANY INSPECTION OF THE SULFACE OF THE TRUSS COMPONENT OR ANY INSPECTION OF THE SULFACE OF THE TRUSS COMPONENT OR ANY INSPECTION OF THE SULFACE OF THE TRUSS COMPONENT OR ANY INSPECTION OF THE SULFACE OF THE TRUSS COMPONENT OR ANY INSPECTION OF THE SULFACE OF THE TRUSS COMPONENT OR ANY INSPECTION OF THE SULFACE OF THE TRUSS COMPONENT OR ANY INSPECTION OF THE SULFACE OF THE TRUSS COMPONENT OR ANY INSPECTION OF THE SULFACE OF THE TRUSS COMPONENT OR ANY INSPECTION OF THE SULFACE OF THE TRUSS COMPONENT OR ANY INSPECTION OF THE TRUSS COMPONENT OR THE TRUSS COMPONENT OR THE TRUSS COMPONENT OR THE TRUSS COMPONENT OR THE TRUSS COMPONENT

Haines City, FL 33844
Fr Carificate of Authorization # 0 779

BUILDING DESIGNER PER ANSI/TPI 1 SEC.

ALPINE



Bot chord 2x4 SP H Webs 2x4 SP H :Lt Wedge 2x4 SP H PLT TYP. Hipjack supports 7-8-12 setback jacks. Jacks up to 7' have no webs. Longer jacks supported to BC. Haines City, FL 33844
FI Cartificate of Authorization # 0 270 ALPINE Wave #2 Dense #3: 0-7-4 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BEG, THE SHALL NO BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH PI; OR FARRIAGING, SHADLING, SHAPPIDL, HISTALLING A BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MDS (MATIONAL DESIGN SECC. BY ATRAY) AND PI.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MDS (MATIONAL DESIGN SECC. BY ATRAY) AND PI.

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

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANNEX AS OF 1PI1 2002 SEC. 3.

AS EACH OF THE BUSS AND. WITH SHAPPE SOURCE SHAPPEN ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANNEX AS OF 1PI1 2002 SEC. 3.

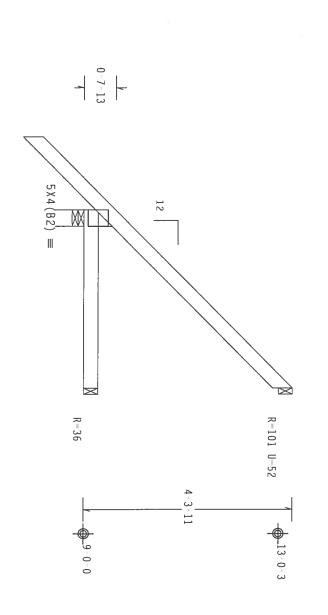
AS EACH OF THE BUSS AND. WITH SHAPPEN AND WEST OF THIS DESIGN SHOWN. THE BUSS AND THE SHAPPEN AND WEST OF THE BUSS AND THE B **HARNING** IRUSSES REGULRE EXIREME CARE IN FABRICATION, HANDLING, SUIPPING, HISTALLING AND BRACING.
RETER TO BEST (BUILDING COMPONENT SAFELY INFORMATION), PHBLEISHED BY TPI (FRUSS PLATE HISTITHE, 218 HORTH LEE SIREET, SUITE 312, ALEXANDRA, VA, 22314) AND WICA (POOD TRUSS COUNCIL OF AMERICA, 6300 ENTREPRESE LANE, MADISON, HI 53719) FOR SAFELY ARTICLES PRIOR TO PERFORMING HIESE FUNCTIONS. UNLESS OFHERMISE HOLDCALETO 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 BUILDING DESIGNER PER ANSI/IPI I SEC. 2-4-2-4X4(B2) = Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) R-547 U-42 W-6.248" M 7.68 10-11-3 Over 3 Supports 1.5X4 III 3×4 // anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Wind reactions based on MWFRS pressures. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. 7.36.0424 $3 \times 4 \equiv$ Jec R-211 U-47 R = 604BC LL BC DL TC DL DUR.FAC. TC LL SPACING TOT.LD. FL/-/4/-/E/-/-9-0-0 24.0" 1.25 40.0 PSF 20.0 PSF 10.0 PSF 10.0 PSF 0.0 PSF JREF -REF FROM SEQN-DATE HC-ENG DAL/AP DRW HCUSR8228 07354022 Scale =.3125"/Ft. R8228- 11231 1TDG8228Z01 65626 12/20/07

Bot chord 2x4 SP :Lt Wedge 2x4 SP #2 Dense #3:

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

anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.





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

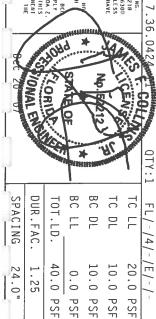
TYP.

Wave

WARNING IRUSSES REQUIRE EXIBLEE CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.
RETER TO BEST (BUILDING COMPONENT SAFELY INFORMATION), PRUBLISHED BY FPI (TRUSS PLATE INSTITUTE, 219
HORTH LEE SIREE, SUHE 317, ALEXAMBRA, VA, 22313) AND MICA (MODD TRUSS COUNCIL OF AMERICA, 6300
ENTERPRISE LANE, MADISON, MI 53719) FOR SAFELY PRACTICES PRIOR TO PERFORMING INESE FUNCTIONS, UNLESS
OTHERMISE MODICATED OF CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE
A PROPERLY ATTACHED REGION CELLING.

ITW Building Components Group, Inc.
Haines City, FL 3844
FI Certificate of Authorization # 0.278 **IMPORTANT**TURBISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG. INC. SHALL MY
BE RESPONSIBLE FOR ANY DEVALUE OF FROM THIS DESIGN. ANY TAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH
PI: OR FARELGING, HANDLING, SUPPING, INSTALLING & BRACHIG OF TRUSSES.
DESIGN CONFICENCY SHIP APPLICABLE PROVISIONS OF 1005 (MATIONAL DESIGNS FORC, BY ATAPA) AND PI:
CONFICETOR PLATES ARE HADE OF ZO/JAJ/FAGA (H.H/SS/K) ASIH ASAS GRAND 40/60 (H. K/H.SS) GALV. STEEL, APPLY
PLATES TO EACH FACE OF TRUSS AND. UNITSS DIMERNISE LOCATED ON THIS DESIGN. POSITION FOR DRAWHINGS 100A 2.
ANY INSPECTION OF PLATES TOLLOWED BY (1) SHALL BE FER ANNERS AS OF TPI1-ZODES SEC.3.
ASEA ON THE SHITANT ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT
DESIGN SHOWN. THE SHITANTLY TABLETTY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

ALPINE



PSF

JREF -

1TDG8228Z01

FROM SEQN-HC-ENG

PSF

PSF PSF

DRW HCUSR8228 07354011

DAL/AP 65603

DATE REF

12/20/07

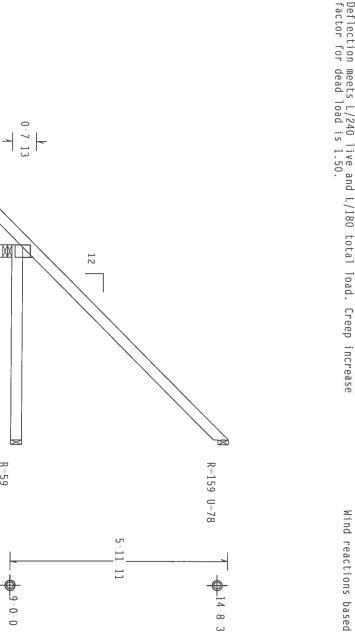
Scale = .5"/Ft.

R8228- 11232

Bot chord 2x4 SP :Lt Wedge 2x4 SP #2 Dense

DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures





5X4(B2) ≡

WI.

R 59

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

WARNING IRUSSIS REQUIRE EXTREME CARE IN FABRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST (BULLDING COMPORENT SAFETY HUTGHASTON), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 MORTH LET SAFET, SUITE 312. ALEXAMBATA, VA, 223.34) AND NICA (MODO TRUSS COUNCIL OF AMERICA, 6300 CHIERPRISE LANE, HADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERMISE HOLDS AND ANALYTIC HOP COMBO SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

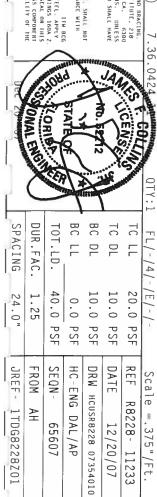
PLT TYP.

Wave

Haines City, FL 33844
FI Certificate of Amborization # 0 778 ITW Building Components Group, Inc. **IMPORTANT** URBISI A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BEG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN, ANY FAILURE TO BHILD THE BRISS IN COMPORMANCE WITH FPI. OR FAREACHING, MANDING, SHIPPING, HISTALLING A BRACHING OF TRUSSES.

DESIGN CONTROLATE ARE MADE OF 2010ALFACA, WILSSEN, ASHA MES BEACH STEEL, APPLY ARE THE AREA OF OF 2010ALFACA, WILSSEN, ASHA MES BEACH STEEL, APPLY ANY HISPECTION FAIRS AREA. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION FOR DRAWINGS 160A J. ANY HISPECTION OF PLATES FOLLOWED BY (1) SHALL BE FOR ANHER AS OF FPI1 2002 SEC. 3. ASAL ON THIS DRAWING INDICATES ACCUMPONENT OF A SEAL ON THIS DESIGN SHOWN. THE SUITABLITY AND USE OF THIS COMPONENT OF THE SEAL OF THE DRAMING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY DESIGN SHOWN. THE SULTABLITY AND USE OF THIS COMPONENT FOR ANY BUILD BUILDING DESIGNER PER ANSI/FP I SEC. Z.

ALPINE



R8228- 11233

12/20/07

1TDG8228Z01

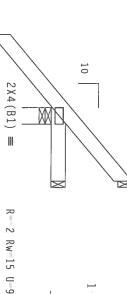
65607

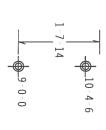
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,.$

anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi (+/-)=0.18

Wind reactions based on MWFRS pressures.

R--11 Rw-21 U-23





1 6 0 → 1 6 2 R-249 U-24 W-4" Over 3 Supports

PLT TYP.

Wave

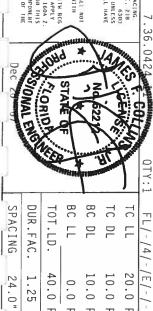
RTTER 10 BEST (BUILDING COMPONENT SAFETY (BROBEATION), PUBLISHE BET BY THE TRANSLING, INSTALLING AND BRACING, BUTTER 10 BEST (BUILDING COMPONENT SAFETY (BROBEATION), PUBLISHED BY THE (TRUSS PLATE INSTITUTE, 219 BORTH LEE STREET, SUITE 312, ALEXANDRAL, NA. 22314) AND WITCA MODO TRUSS COUNCIL OF AMERICA. 6300 CHIERRRISE LAWE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE HOLOGATED OF PUROBE SHALL HAVE PROPERLY ATTACHED STRUCTURAL TAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL TAMELS AND BOTTOM CHORD SHALL HAVE 7.36.0424

ITW Building Components Group, Inc. Haines City, FL 33844 **IMPORTANT**THRHISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BGG. LINC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN; ANY FALLURE TO BUILD THE BRUSS IN COMPORNANCE WITH FT: ON TAREACATHG, HANDLING, SHIPPING, HISTALLING A BRACKING OF TRUSSES.

DESIGN COMPORES WITH APPLICABLE PROVISIONS OF HIS GNATIONAL DESIGNS SPEC, BY AFADA AND IP. ... ITH BGG. COMPICTION PARTES ARE CONTROLLED FOR THE SECOND PROVISION FOR HIS SECOND WITH A CONTROLLED ON HIS DESIGN SPECIAL SPITCH APPLY PLACES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON HIS DESIGN. POSITION FRE BRANDINGS 160A Z. ANY HISPECTION OF PLATES TOLLOGED BY VILSUE FOR ANY METAL AS OTHER SPONSIBILITY ON THE SECONDOWLHIS DESIGN SOME THE SUBJECT OF PROFESSIONAL ENGLINEERING RESPONSIBILITY SOLELY FOR THE RUSS COMPONENT DESIGN SOME THE SUBJECT OF PROFESSIONAL ENGLINEERING RESPONSIBILITY SOLELY FOR THE RUSS COMPONENT DESIGN SOME THE SUBJECT OF PROFESSIONAL ENGLINEERING RESPONSIBILITY SOLELY FOR THE RUSS COMPONENT DESIGN SOME THE SUBJECT OF PROFESSIONAL ENGLINEERING RESPONSIBILITY OF THE BRAND DESIGN FOR THE SUBJECT OF THE PROFESSIONAL ENGLINEERING RESPONSIBILITY OF THE BRAND SECOND SE

FI Certificate of Authorization # 0 778

ALPINE



70 07	ONAL ENG	CORION	TAKE OF	2002	
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF
	FROM AH	SEQN- 65611	HC-ENG DAL/AP	DRW HCUSR8228 07354007	DATE 12/20/07
	SPACING 24.0" JREF - 1TDG8228Z01	1.25 FROM 24.0" JREF-	DUR.FAC. 1.25 FROM SPACING 24.0" JREF-	0.0 PSF HC-ENG 40.0 PSF SEQN- 1.25 FROM 24.0" JREF-	BC DL 10.0 PSF DRW BC LL 0.0 PSF HC-E TOT.LD. 40.0 PSF SEQN DUR.FAC. 1.25 FROM SPACING 24.0" JREF

20.0 PSF

REF

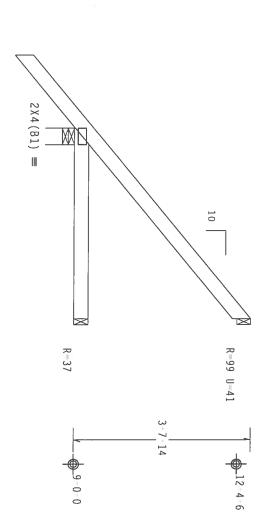
R8228- 11234

Scale = .5"/Ft.

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

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.





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

PLT TYP.

Wave

MARNING IRUSECS REQUIRE CEXTRINE CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY FIP (TRUSS PLATE INSTITUTE, 218 MORTH LEE STREET, SUITE 312. ALEXANDRIA, NA, 25214) AND HEAL ALEX (ANDO TRUSS COUNCIL OF AMERICA. 6300 ENTERPRISE LANG, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNICES OFFERENST HOLD CALEE FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE APROPERLY ATTACHED BY CHORD SHALL HAVE

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ARY DEVIATION FROM THIS DESIGN, MY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH FPI; OR FAREACHING, HANDLING, SHIPPIHG, HISTALLING A BRACHING OF TRUSSES, DESIGN CONTROLS WITH APPLICABLE PROPYSIONS OF NOS (MATIONAL DESIGN SECC. BY AFREA) AND FPI.

DESIGN CONTROLS ARE HADE OF 20/18/166A (M.H/SSS/M) ASHA A653 GRADE 40/60 (M.K/M.SS) GALV. SITEL APPLY PHATES HE EACH FACE OF TRUSS AND. BMLESS OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DRAWHING SHOW ANY INSPECTION OF PHATES FOLLOWED BY (I) SHALL BE PER ANNEX AS OT FPIJ 2002 SEC. 3.

ANY INSPECTION OF PHATES FOLLOWED BY (I) SHALL BE PER ANNEX AS OT FPIJ 2002 SEC. 3.

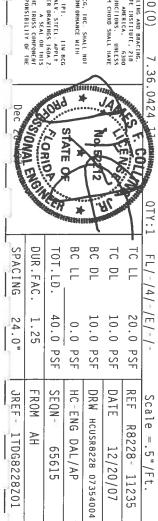
A SEAL ON THIS DRAWHING INDICATES ACCORDING THE SECOND SHOULD BE DEATHER AS COMPONENT OF THE DESIGNAL WAS ANY INSPECTION OF PHATES FOLLOWED BY (I) SHALL BE PER ANNEX AS OT FPIJ 2002 SEC. 3.

BRAWHING INDICATES ACCEPTAINEE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOTELY FOR THE RESPONSIBILITY OF THE DESIGNAL WAS ANY INSPECTION OF PHATES TO THE SULFACE OF THE SULFACE AS SEC. 3.

BRAWHING INDICATES ACCEPTAINEE OF PROFESSIONAL ENGINEERING TOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGNATION OF THE SULFACE AS SEC. 3. BUILDING DESIGNER PER ANSI/TP1 1 SEC.

ITW Building Components Group, Inc.
Haines City, FL 33844
FI Certificate of Authorization #0 278

ALPINE



R8228- 11235

12/20/07

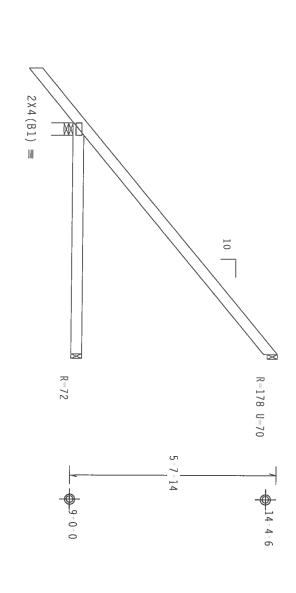
1TDG8228Z01

65615

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

located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf. Iw-1.00 GCpi(+/-)-0.18

Wind reactions based on MWFRS pressures.



★1 6 0 **★** R-400 W-4" -6-3-11 Over 3 Supports

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

PLT

TYP.

Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING RETER TO BCST (UNICOTHE COMPONENT SAFETY INFORMATION). PUBLISHED BY PEL (TRUSS PLATE INSTITUTE, ZIB MOBIL LE STREET, SHITE 11%, ALEXANDRIA, VA, ZZIJA) AND HICA (MODID DRUSS COUNCIL OF AMERICA, 6300 CHIERRISE LINIC, ANDISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERHISE LINICALIED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE

Haines City, FL 33844 BE RESPONSIBLE FOR ANY DEPIATION FROM HIS DESIGN TO THE INSTALLATION CONTRACTOR. THA BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEPIATION FROM HIS DESIGN, ANY FAILURE TO BUILD HE FURSES IN COMPORNANCE WITH THE TOT. OR FARREACHING, HANDLING, SHIPPING, HISFALLING A BRACHING OF TRUSSES.

DESIGN CONTROLS HITH APPLICABLE PROVISIONS OF 7005 (MAIGONAL DESIGN SPEC, 89 AFREA) AND TPI. THE BCG CONNECTION FLATES ARE ANGE OF 20/189/166A (M.H.SEX), ASTH ASSIGN SPEC, 89 AFREA) AND TPI. LEADY PARTES TO EACH FACE OF TRUSS AND, HIMESS OTHERNISE LOCATED ON HIS DESIGN, POSITION FOR BRANHINGS 160A 2. ANY HISPECTION OF PARTES TOLLOWED BY C1) SHALL BE FER ANNEX A OF TPI 2002 SEC. 3. AS SAA ON THIS DESIGN SHOWN. THE SHIFT AND SECTION FROM SHIP AND SECTION OF THE TRUSS COMPONENT OF THE SECTION SHOWN. THE SHIFT AND USE OF THIS DESIGN FOR THE TRUSS COMPONENT OF THE SECTION O

FL Certificate of Authorization # 0 2781

ALPINE



DATE REF

12/20/07

Scale = .375"/Ft. R8228- 11236

DRW HCUSR8228 07354054

DAL/AP 65619

JREF -FROM SEQN-HC-ENG

1TDG8228Z01

Bot chord 2x4 SP :Lt Wedge 2x4 SP Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. ITW Building Components Group, Inc. Haines City, FL 33844 FI Certificate of Amhorization # 0 778 PLT TYP. ALPINE Wave #2 Dense 0-7-13 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE RECOMMENDATION CONTRACTOR. THE RESPONSIBLE FOR ANY DEPIATION FROM THIS DESIGN, MY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH PI, OR FAREIGNING, SIMPIPIG, INSTALLING A BRACHEO OF TRUSSES.

DESIGN CONTROPS WITH APPLICABLE PROPYISIONS OF THIS CHAILORAL DESIGN SEC. BY ATREAD, AND TPI.

DESIGN CONTROPS WITH APPLICABLE PROPYISIONS OF THIS CHAILORAL DESIGN SEC. BY ATREAD AND TRIB.

DESIGN CONTROL ARE AGE OF 707/18/166A (M.H/SS/M) ASTM A653 GRADE 407/60 (M.K/M.SS) GALV. SIEEL, APPLY PLAILS TO EACH FACE OF TRUSS AND. UNLESS OTHERRISE LOCATED ON THIS DESIGN, POSITION PER DRAWHENS 160A Z.

ANY INSPECTION OF PLAILS FOLLOWED BY (I) SHALL BE PER ANHER AS OF TPI] 2002 SEC. 3.

A SEAL ON THIS DEATH OF THE SHALLOWED AND USE OF THIS COMPONENT OR ANY BUILDING IS THE RESPONSIBILITY OF THE CESSIONAL CHAILER AND ENERGYOUS BUILDING IS THE RESPONSIBILITY OF THE CESSIONAL CHAILER AND ENERGY ONLY THE SULTY FOR THE TRUSS COMPONENT. **MARNING** PRUSETS REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REILR 10 BCSI (BUILDING COMPONENT SAFETY HYDROXAIDON), PUBLISHED BY TPI (TRUSS PLATE HISTITUE, ZIB HORRH LEE SIRTEL, SUITE 112, ALEXANDRIA, WA, ZZZIA) AND HEAVE (MOOD TRUSS COUNCIL OF AMERICA, 6300 CHICERREISE LAWE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNITESS OTHERWISE HOLOCALIED FOR CHORDS 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 1 SEC. 2. V-6-0 5 X 4 (B2) ≡ R-433 W-4" <--7-0-0 Over 3 Supports --> 12 Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) R=213 U=102 R=82 located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Wind reactions based on MWFRS pressures 7.36.0424 7-7-13 QTY:1 BC DL BC LL TC LL SPACING DUR.FAC. TOT.LD. FL/-/4/-/E/-/-40.0 PSF 24.0" 1.25 10.0 PSF 10.0 PSF 20.0 PSF 0.0 PSF JREF-DATE REF SEQN-FROM HC-ENG DAL/AP DRW HCUSR8228 07354009 Scale =.3125"/Ft. R8228- 11237 1TDG8228Z01 65632 12/20/07

Bot chord 2x4 SP H Webs 2x4 SP H :Lt Wedge 2x4 SP H PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 778 ALPINE Wave #2 Dense #3: 0-7-13 **IMPORTANT**TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BEG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN. ANY FAILURE TO BUILD THE THUSS IN COMPORNANCE WITH FIT: OR FARELACIANG, HANDLING, SHEPPING, HISTALLING A BRAKELING OF THUSSES.

DESIGN CONTROL HIS ARE PROPLEMED FROM SOF HIS SHALLOW STEEL A YEARA) AND TEL. HIS GOOD CONTROL OF THE SHALLOW STEEL APPLY FOR THE STEEL AND STEEL APPLY FALLS TO EACH FACE OF TRUSS AND, UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION FOR BRAKHINGS 160A Z. ANY HISPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANHEX AS OF FELL FOR THE SHALLOW STEEL. A SEAL ON THIS BRAKHING HOLD AND SHALLOW STEEL AND SHALLOW STEEL AND SHALLOW STEEL AND SHALLOW STEEL AND THE SHALLOW STEEL SHALLOW STEEL AS SEAL ON THIS BRAKHING HOLD AND ASSESSMENT AND SHALLOW STEEL SHALLOW SHALLOW STEEL SHALLOW SHALLOW STEEL SHALLOW SHALLO DRAMING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY DESIGNE SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILD BUILDING DESIGNER PER ANSI/FPT I SEC. 2. **WARNING** IRUSSES REQUIRE EXIREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING. REFER TO REST. (BUILDING COMPOREN SAFELY INFORMATION), PUBLISHED BY IPI (TRUSS PLATE INSTITUTE, 218 MORTH LEE STREET, SHITE 1127 ALEXANDRIA, VA. 22314) AND MICHA (MODD TRUSS COUNCIL OF AMERICA. 6300 CHITERPRISE LAME, HADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO FREIGHTNG THESE FUNCTIONS. UNLESS OTHERWISE HOLDSCALED FOR CHORDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE V-1:6:0 5 X 4 (B2) = R-433 W-4" 12 Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) 4-0 2.5X6 III $4 \times 4 =$ 0 8 0 R-361 U-150 R=-66 Rw=109 U=69 anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi (+/-)=0.18 Wind reactions based on MWFRS pressures. 7.36.0424 6-3 13 14-10-14 AIE O ORIV 0TY:: SPACING BC LL BC DL TC DL TC LL DUR.FAC. TOT.LD. FL/-/4/-/E/-/-40.0 PSF 20.0 PSF 24.0" 1.25 10.0 PSF 10.0 PSF 0.0 PSF JREF-REF FROM SEQN-DATE HC-ENG DAL/AP DRW HCUSR8228 07354072 Scale = .3125"/Ft R8228- 11238 1TDG8228Z01 6 65639 12/20/07 -11 - 13

Bot chord 2x4 SP H Webs 2x4 SP H :Lt Wedge 2x4 SP H :Lt Wedge 2x4 #2 Dense #3:

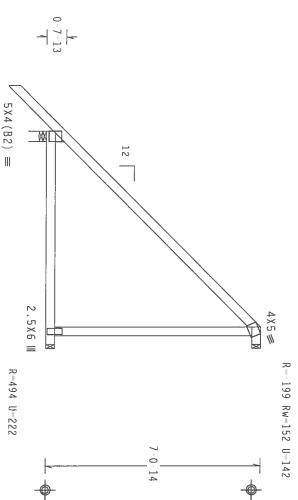
In lieu of structural panels use purlins to brace all flat TC @ $24\,\text{{\tt "}}$ OC.

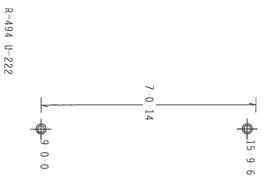
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,.$

weyarive rearrion(s) או בושש# אאא. (see שפוטש) וויטוו מ ווטוו־שוווט load case requires uplift connection.

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

Wind reactions based on MWFRS pressures.







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

PLT TYP.

Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPPHG, INSTALLING AND BRACING, REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PHBLISHOLD BY TET (TRUSS PLATE HISTITUTE, ZIB MORIN LEE STREET, SUITE 317, ALEXANDRIA, VA, Z2314) AND MICA (MODO TRUSS COUNCIL OR AMERICA, 6300 CHIERPESE LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HESE FUNCTIONS. UNIESS OFHERMISE HOLDS AND AND SOME AND SOME SAFETY PRACTICES PRIOR TO PERFORMING HESE FUNCTIONS. UNIESS OFHERMISE HOLDS AND SOME SAFETY PRACTICES PRIOR TO PERFORMING HESE FUNCTIONS.

ALPINE

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, ING. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH PI; OR FARRICATING, HANDLUGG, SIPPING, INSTALLING A BRACTING OF TRUSSES.

DESIGN CONFEDENCY HITH APPLICABLE PROVISIONS OF DNDS (HATIONAL DESIGN SEC, BY AFRAY) AND PI.

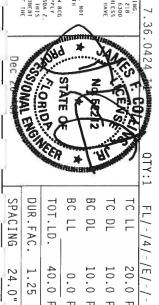
THE RECOMMERTION PLATES ARE MADE OF TOTAL PROVISIONS OF DNDS (HATIONAL DESIGN SEC, BY AFRAY) AND PI.

PHATES TO EACH FACE OF TRUSS AND. UNLESS OBJURNISE LOCALED ON THIS DESIGN, POSITION PER DRAWHIGS 160A Z.

ANY INSPECTION OF TRUSS AND. UNLESS OBJURNISE LOCALED ON THIS DESIGN, POSITION FROM SHALL BE FER ANNEX AS OF FITI 2002 SEC, 3.

ANY INSPECTION OF TRUSS AND COMPONENT OF THE PLATES OCCUPIONENT OF THE PLATES OCCUPIONENT OF THE PLATES OCCUPIONENT OF THE PLATES OCCUPIONENT OF THE PLATES OF THE THESS COMPONENT OF THE PLATES OF THE STATE OF THE PLATES O BUILDING DESIGNER PER ANSI/IPI 1 SEC. 2.

FI Certificate of Authorization # 0 778 Haines City, FL 33844



0.0 10.0 PSF 10.0 PSF

PSF

HC-ENG DAL/AP

DRW HCUSR8228 07354071

SEQN-FROM

65643

20.0 PSF

Scale =.3125"/Ft. R8228- 11239

DATE REF

12/20/07

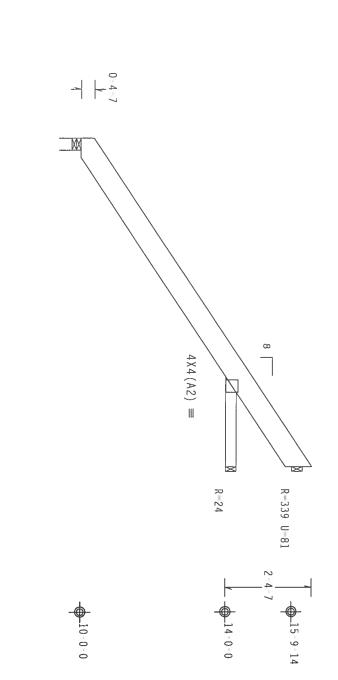
24.0" 1.25 40.0 PSF

JREF -

1TDG8228Z01

Wind reactions based on MWFRS pressures.

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



MANNING PROSESS REQUIRE EXTREME CARE IN FABRICATION, IMADELING, SHIPPING, INSTALLING AND BRACING, REFER TO RESI. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IPT (TRUSS PLATE INSTITUTE, ZIB NORTH LEE SIREE, SUITE JIZ, ALEXANDRIA, NA, ZIZJA) AND HICA (MODO TRUSS COUNCIL OF AMERICA, 6300 CHICERREISE LAME, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNILESS OTHERWISE INDICATED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD SELLING. Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0)

PLT TYP.

Wave

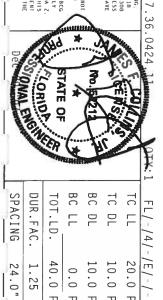
R-393 W-4"

9-0-0 Over 3 Supports

ANY INSPECTION OF PLAIES FOLLOHED BY (1) SHALL BE PER ANNEX AS OF IPI1 2002 SEC.3. DRAWING INDICALES ACCEPTANCE OF PROFESSIONAL ENGLIEERING RESPONSIBILITY SOLELY F DESIGN SHOWN. THE SUIFABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE BUILDING DESIGNER PER ANSI/IPI 1 SEC. 2. **IMPORTANT**TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BEG, THE, SHALL NOT BE RESPONSIBLE FOR ANY DEPLATION FROM THIS DESIGN, ANY FAILURE TO BHILD THE REASES IN COMPORMANCE WITH FPI; OR FAREACHTHE, MANDING, SHEPPIG, HISTALLING A BRACTHE OF FRUSSES, AFRAYAND FPI. THE BEG CONNECTION FOR THE PROVISIONS OF THIS SHALLING A BRACTHE SEC, BY AFRAYAND FPI. THE BEG CONNECTION FOR THESE ARE MADE OF 2012B-160-AC (M. H.552)X) ASIM ASS DEADE 40/60 (M. K./M.SS) GALV. SHEEL APPLY PHATES TO LACH FACE OF TRUSS AND. DHEES OTHERWISE LOCATED ON THIS DESIGN. POSITION OF RAMENDES AND. DHEES OTHERWISE LOCATED ON THIS DESIGN. POSITION AS SEAL ON THIS DRAWINGS THE ANY INSPECTION OF PLATES FOLLOWING TO SHALL BE PER ANNEX AS OF FPII 2002 SEC.3. A SEAL ON THIS DRAWING INDICALIS ACCEPTANCE OF THE CONFORMATION OF THE BESSIGN SHOWN. THE SHITABLILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

ITW Building Components Group, Inc.
Haines City, FL 33844
FI Certificate of Authorization # 0 778

ALPINE



10.0 PSF 20.0 PSF

DATE

12/20/07

REF

Scale =.375"/Ft. R8228- 11240

10.0 PSF 0.0 PSF

DRW HCUSR8228 07354064

SEQN-

HC-ENG

EC/DLJ 25766

24.0" 1.25 40.0 PSF

JREF-FROM

1TDG8228Z01

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

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

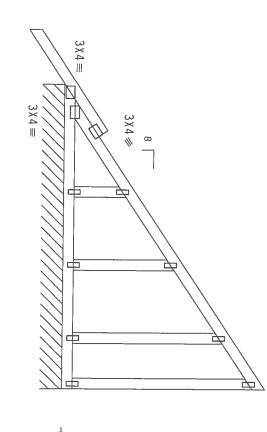
THE BUILDING DESIGNER IS RESPONSIBLE FOR THE DESIGN OF THE ROOF AND CEILING DIAPHRAGMS, GABLE END SHEAR WALLS, AND SUPPORTING SHEAR WALLS. SHEAR WALLS MUST PROVIDE CONTINUOUS LATERAL RESTRAINT TO THE GABLE END. ALL CONNECTIONS TO BE DESIGNED BY THE BUILDING DESIGNER.

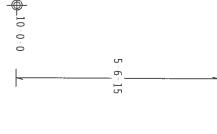
anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures

Right end vertical not exposed to wind pressure

SEE DWGS A11015EE0207, GBLLENTINO207, & GBLBRSTD0207 FOR ADDITIONAL REQUIREMENTS.





★1 6 0 **▼** R=102 PLF U=8 PLF W=8-4-0 0-,4-,114-0-1 8-4-0 Over Continuous Support

Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave

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

Haines City, FL 33844 ALPINE

Haines City, FL

zation " a and

***WARNING** IRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BOSS! (BUILDING COMPONENT SATETY INFORMATION), PUBLISHED BY FIT (TRUSS PLATE INSTITUTE, 219 HORNIN LEE STREFT, SUITE 127. ALEXANDRIA, NA, 25214) AND HOLTAC (MODO TRUSS COUNCEL OF AMPRICA, 6300 CHILERRESE LAME, HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNITS OTHERSISE HOLDCATED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAWELS AND BUTTOM CHORD SHALL HAVE A PROPERLY ATTACHED REGION SHALL HAVE

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BEG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, FAILURE TO BRILLD THE TRUSS IN COMPORMANCE WITH FPI; OR FARREACHING, HANDLING, SIMPPING, HISTANCHING AND RESECUTION FOR THE SECS.

DESIGN CONFIGENS WITH APPLICABLE PROVISIONS OF DNDS (MALIDHA) DESIGN SECS. WITHEN A NID PT.

CONNECTION PLACES ARE MADE OF 20181/BAGA (N. MYSKY) ASHM ASS GRADE 40/60 (M. K.M.SS) GALV SIELL, APPLY PLATES TO EACH FACE OF TRUSS AND, JUNESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER BRANHOS 150A, Z. ANY HISPECTION OF PLATES TOLLOWED BY (I) SHALL BE FER ANNEX AS OF TPI) 2002 SEC. 3. ASLAL ON THIS DESIGN OF PROFESSIONAL ENGINEERING TO TPI) 2002 SEC. 3. ASLAL ON THIS DESIGN OF PROFESSIONAL ENGINEERING TO TPI) 2002 SEC. 3. SEAL ON THIS DESIGN SHOWN. THE SUITABLE WAS DESIGN OF PROFESSIONAL ENGINEERING TO TPI) 2002 SEC. 3. SEAL ON THIS DESIGN SHOWN. THE SUITABLE WAS DEVICED TO THE TRUSS COOPPOINT OR ANY BUILDING IS THE RESPONSIBILITY OF THE



PSF

DRW HCUSR8228 07354014

HC-ENG

WHK/WHK

DATE

12/20/07

PSF

REF

R8228 11241 =.375"/Ft.

Sca е

1.25 40.0 ABOVE PSF SEQN-JREF-FROM 1TDG8228Z01 54035

Bot chord 2x6 Webs 2x4 SP #2

110 mph wind, 20.41 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures

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

VERIFY AND APPROVE THE LOADING. LOADING HAS BEEN CALCULATED BY THE TRUSS MANUFACTURER

TC - From 60 PLF at 0.00 to 60 PLF at 7.75 BC - From 20 PLF at 0.00 to 20 PLF at 7.75 Rr - 555 IB Conc. Load at 1.81, 3.81, 5.81

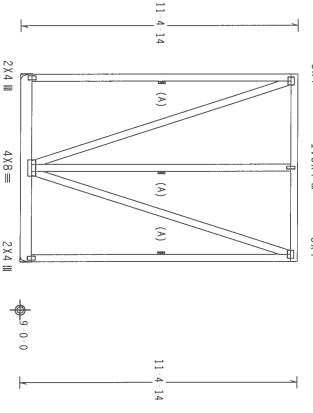
End verticals not exposed to wind pressure

8 Continuous lateral bracing equally spaced on member.

Truss must be installed as shown with top chord up.

The TC of this truss shall be braced with attached spans at 24" OC in lieu of structural sheathing.

3 X 4 ≡ 1.5X4 III 3 \ 4 ≡



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

▲ 7-9-0 Over 2 Supports →

R=1155 U=235

R=1128 U=229

Scale = .25"/Ft.

TYP.

Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FARRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST. (BUILDING COMPONENT SAFETY INFORMATION), PROBLISHED BY TET (TRUSS PLATE INSTITUTE, 218 HORTH LEE, STREET, SUITE 317, ALEXANDRA, VA, 22314) AND NICA (400D TRUSS CRUWELL OF AMERICA, 630D CHIERDEN HALL, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMHAL HES FUNCTIONS. UNLESS OTHERNISCHALED FOR CORDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS, AND ROTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS, AND ROTTOM CHORD SHALL HAVE

ALPINE

IMPORTANTTURNISH A COPY OF THIS 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 COMPORNANCE WITH PI; OR FARRICATION, TANDLING. SHEPPIG, HISTALLING A BRACHIGO OF TRUSSES, DESIGN CONTROLES AND THE APPLICABLE PROPYISIONS OF HIS DESIGN CONTROLES ARE AND OF THE PILOR FOR THE APPLY PLATES ARE AND OF 20/180/160A, WHISTAKE, ASEA ASSOCIATION FOR DEAMHER ADDIT PLATES ARE AND OF 20/180/160A, WHISTAKE, ASEA ASSOCIATION OF RED BRANHERS 160A-Z. ANY INSPECTION OF PLATES FOLLOWING BY (1) SHALL BE FER ANNEX AS OF THIS 200Z SEC. 3. A SCAL ON THIS DESIGN. AS OF THIS 200Z SEC. 3. BRANHOLISM CONTROLESS AND THIS SHOWN. THE SUITABLE THE RESPONSIBILITY OF THE DESIGN. AS OF THIS DESIGN. AS SEC. 3. BRANHOLISM CONTROLESS AND THIS SHOWN. BUILDING DESIGNER PER ANSI/IPI 1 SEC. 2.

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



24.0" 1.25 10.0 20.0 PSF 40.0 PSF 10.0 PSF 0.0 PSF PSF JREF -DATE FROM SEQN-HC-ENG DRW HCUSR8228 07354025 R8228- 11242 1TDG8228Z01 EC/DLJ 25706 12/20/07

Bot chord 2x4 Webs 2x4 110 mph wind, 20.71 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=2.0 psf. Iw=1.00 GCpi(+/-)=0.18 Sp Sp 32 Dense

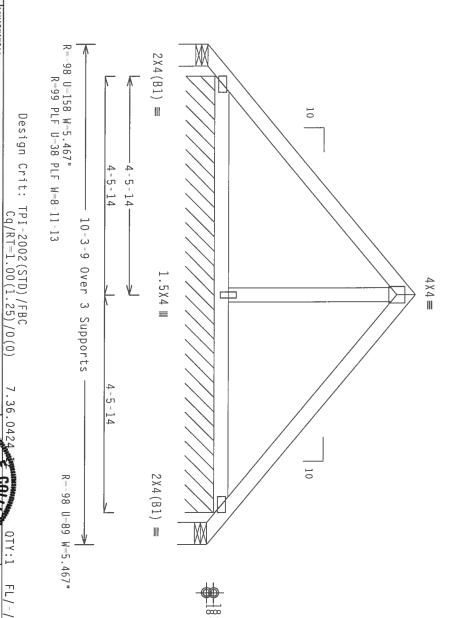
Wind reactions based on MWFRS pressures.

REFER TO PIGBACKA0207 OR PIGBACKB0207 FOR PIGYBACK DETAILS TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED @ 24" O.C., UNLESS OTHERWISE SPECIFIED.

TC BC חו ריזער From From (LUMBER DUR.FAC.-1.25 / 66 PLF at 66 PLF at 4 PLF at 0.00 to 0.00 to / PLATE DUR.FAC.=1.25)
) to 66 PLF at 5.15
; to 66 PLF at 10.30
) to 4 PLF at 10.30

In lieu of rigid ceiling use purlins to brace BC @ 24"

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



000 13

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, RELER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IPI (TRUSS PLAIE INSTITUTE, 218 HORTH LEE STREET, SUITE 127. ALEXANDRIA, NA, 22214) AUBH LETCA (MODD TRUSS COUNCIL OF AMERICA. 6300 TRUSSERSES LANE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HESE FUNCTIONS. DULESS OTHERNISE INDICATED THE CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAWELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHED SELLING.

TYP.

Wave

IMPORTANTTURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BEG. INC. SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH IPT: OR FARRICATING, HANDLING, SHIPPING, HISALLING & BRACLING OF TRUSSES.

DESIGN CONTROL OF THE APPLICABLE PROVISIONS OF HOS (MATIONAL DESIGN SPEC, BY ATAPA) AND IPT: ITH REG CONNECTION PLATES ARE AND OF 20/18/16GA (M. MUSSEY) ASTA AGS. GRADU ADJGO (M. KM.SS) GALV SITEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON HIS DESIGN, POSITION PER DRAWHIGS 166A-Z. ANY HESPECTION OF PLATES TOLLOWED BY (1) SHALL BE FER ANNEX AS OF IPTI 2002 SEC...) A SEAL ON THIS DESIGN SHOWN. THE SUITABLILLY AND DESIGN FOR ANY BUILDING IS INE RESPONSIBILLTY OF THE TRUSS COMPONENT DUSTION FOR ANY BUILDING IS INE RESPONSIBILLTY OF THE

Haines City, FL 33844
Fi Certificate of Amborization # 0 778

ALPINE

7.36.0424 Dec SONAL ENGINE FL/-/4/-/E/-/-

l	J			ment	HIM		1
	SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL
	24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
	JREF - 1TDG8228Z01	FROM AH	SEQN- 53267	HC-ENG WHK/WHK	DRW HCUSR8228 07354044	DATE 12/20/07	REF R8228- 11243

Scale =.5"/Ft.

Bot chord 2x4 SP Webs 2x4 SP 327 Dense

STEVIME LUMUS

From

-- (LUMBER DUR.FAC.=1.25 / PFrom 66 PLF at 0.00 to From 66 PLF at 3.42 to From 4 PLF at 0.00 to

/ PLATE DUR.FAC.=1.25)
to 66 PLF at 3.42
to 66 PLF at 6.83
to 4 PLF at 6.83

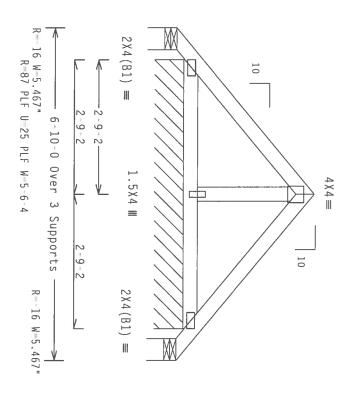
to to

In lieu of rigid ceiling use purlins to brace BC @ 24" OC.

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

REFER TO PIGBACKA0207 OR PIGBACKB0207 FOR PIGYBACK DETAILS. TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED @ 24" O.C, UNLESS OTHERWISE SPECIFIED.

110 mph wind, 19.40 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=2.0 psf. lw=1.00 GCpi(+/-)=0.18



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

TYP.

Wave

WARNING IRUSSIS REQUIRE EXTREME CARE IN FABRICATION. INAMOLING. SHIPPING, INS BETER TO BEST. (BUILDING COMPOREN SAFETY INFORMATION), PABLISHED BY IP1 (TRUSS S HORTH LEE STREET, SUITE 312. ALEXANDRIA, VA. 22314) AIDN LYCA (MODD TRUSS COUNCEL CHIEFREISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESI OTHERNISE HOLICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BO A PROPERLY ATTACHED REGID CELLING.

** IMPORTANT**TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE
BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN
FIT: OR FARRICATION, ANNIDING, SHIPPIRE, INSTALLING A BRACHEGO THRUSSES.
FIT: OR FARRICATION, AND INC.
SESION CONTROLS SHIP APPLICABLE PROVISIONS OF THIS CONTROL OF THE STATE AND CONTROLS AND CONTROL OF THIS AND CONTROL OF THIS AND CONTROL OF THIS AND CONTROL OF THIS OFFICE OFFIC

ITW Building Components Group, Inc.
Haines City, FL 33844
FI Contificate of Authorization # 0 778

ALPINE

Dec 20 07	E RESPONSIBILITY OF THE	TON PER DRAWINGS 160A Z.	× 1	NO OCCUPANTION OF THE PROPERTY	É	SPACE INSTITUTE, 218	5) /0(0) 7.36.0424 2 TY:1
SPACING	DUR.FAC. 1.25	TOT.LD.	BC LL	BC DL	TC DL	TC LL	FL/-/4/-/E/-/-
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF DATE	20.0 PSF	-/E/-/-
JREF - 1TDG8228Z01	FROM AH	SEQN- 53271	HC-ENG WHK/WHK	DRW HCUSR8228 07354040	DATE 12/20/07	REF R8228- 11244	Scale =.5"/Ft.

07354040

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

STECIAL LUADS

From From

(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25) rom 66 PLF at 0.00 to 66 PLF at 1.35 rom 66 PLF at 1.35 to 66 PLF at 4.77 rom 4 PLF at 0.00 to 4 PLF at 4.77

110 mph wind, 19.99 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=2.0 psf, lw=1.00 GCpi(+/)=0.18

Wind reactions based on MWFRS pressures.

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

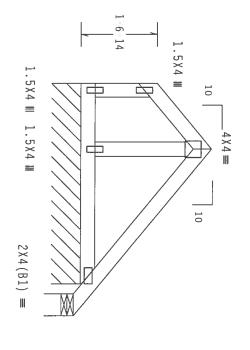
rigid ceiling use purlins to brace BC @

24"

'n

lieu of

REFER TO PIGBACKA0207 OR PIGBACKB0207 FOR PIGYBACK DETAILS. TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED @ 24" O.C, UNLESS OTHERWISE SPECIFIED.





R-84 PLF U-26 PLF W-4-1-6 9 0ver 2 9 Supports 2 28 U-25 W-5.467"

TYP.

Wave

HARNING RUSSES REQUIRE EXTREME CARE IN FARRICATION. HANDLING. SHIPPING. INSTALLING AND BRACING. RETER 10 BCSI. (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY IPI (TRUS PLATE INSTITUTE, 218 HORTH LEE SIREET, SUITE 312. ALEXANDRIA, VA, 22214) AND HEAVE ACK (MODO TRUSS COUNCIL OF AMERICA. 6300 CHICERRISE LANE, HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HEES FUNCTIONS. BUILESS OTHERWISE INDICATED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAWELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CELLING.

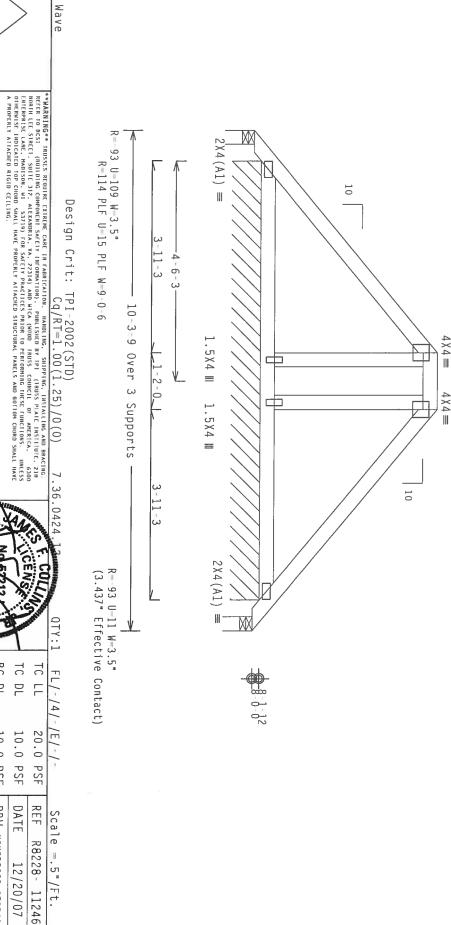
ALPINE

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BEG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH FIT, OR FLAREACHING, HANDING, SHEPPIG, HISTALLING A BRACHEO TRUSSES, SECTION, AND INC. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF UNDS (MATIONAL DESIGN SPEC, BY ATRA) AND IPI. 114 BEG. CONNECTOR PAIRES ARE THE OF THE AREA OF THE SECTION BUILDING DESIGNER PER ANSI/IPI 1 SEC. 2.

Haines City, FL 33844
Ft Certificate of Anthorization #0 278 Haines City, FL 33844

7.36.0424 * CORNOT HE STATE OF QTY:1BC LL BC DL TC LL SPACING DUR.FAC. ТС TOT.LD. FL/-/4/-P /E/-/-24.0" 1.25 40.0 10.0 10.0 20.0 0.0 PSF PSF PSF PSF JREF-FROM SEQN DR W DATE REF HC-ENG Scale = 5"/Ft. HCUSR8228 07354068 R8228 11245 1TDG8228Z01 WHK/WHK 12/20/07

REFER TO PIGBACKA0207 OR PIGBACKB0207 FOR PIGYBACK DETAILS. TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED © 24" O.C. UNLESS OTHERWISE SPECIFIED. Bot chord 2x4 SP Webs 2x4 SP In lieu of structural panels use purlins to brace all flat TC @ 24" $\,$ 0C. #27 Dense within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Wind reactions based on MWFRS pressures



PLT TYP.

FI Certificate of Authorization # 0 278 Haines City, FL 33844

ALPINE

IMPORTANTFURNISH A COPY OF THIS DESIGN 10 THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS SESSION, ANY FAILURE TO BUILD HIS TRUSS IN COMPORNANCE WITH FPI: OR FARRICATHG, HANDLING, SHAPPING, HISTALLING A BRACHIG OF FRUSSEE,

DESIGN COMPORES WITH APPLICABLE PROVISIONS OF HIS (MATIONAL DESIGN SPEC, BY AIRFA) AND FPI. THE BCG CONNECTION FOR THE AREA OF AIRFA (MATICAS) CONTROL OF AIRFA (MATICAS) GRADE ADJOG (M. K.M. SS.) GALV SHELL, APPLY PLATES TO EACH FACE OF TRUSS AND. BUILESS OTHERNIST, LOCATED ON HIS DESIGN, POSITION FRE BRANIFICS 160A. Z. ANY LINES OF THE AIRFA (MATICAS) CONTROL OF THIS DESIGN TO BE AIRFA (MATICAS) CONTROL OF THE SECOND SECOND OF THE SECOND SECOND AND AIRFA (MATICAS) CONTROL OF THE SECOND SECOND SECOND SECOND AND AIRFA (MATICAS) COMPONENTS.

STATE

BC LL BC DL

0.0

HC-ENG WHK/WHK DRW HCUSR8228 07354062

12/20/07

PSF PSF PSF

10.0

DRANING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILD BUILDING DESIGNER PER ANSI/FFT I SEC. 2.

BUILDING IS THE RESPONSIBILITY OF

SPACING

24.0" 1.25 40.0

JREF-FROM SEQN

1TDG8228Z01

DUR.FAC. TOT.LD.

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

located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf.

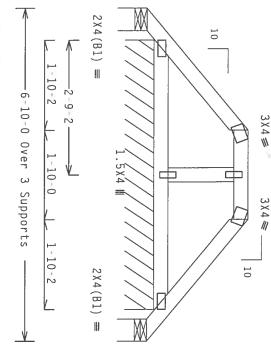
In lieu of structural panels or rigid ceiling use purlins brace all flat TC @ 24" 0C, all BC @ 24" 0C.

Wind reactions based on MWFRS pressures

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

PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC. UNLESS OTHERWISE SPECIFIED. Refer to DWG PIGBACKA0207 or PIGBACKB0207 for piggyback details.

1.5X4 ||



6 9

RL-48/-48 R=8 Rw=46 U=44 W=5.467*

R-8 Rw-13 U-12 W-5.467"

R-78 PLF U-22 PLF W-5 6 4

ALPINE

TYP.

Wave

***#ARNING** INUSE'S REQUIRE EXPRENE CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.
RETER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE (TRUSS PLATE INSTITUTE, 218
HORTH LE STREET, SUITE 312, ALEXANDRÍA, VA, 22314) AND META (MODO TRUSE COMUCEL OF ARREIGA. 6300
FINTERPRISE LAME, HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS
OTHERRISE LINGLATED TOR CHORDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE
A PROPERLY ATTACHED REGIO CELLING. Design Crit: TPI-2002(STD) Cq/RT=1.00(1.25)/0(0)

ITW Building Components Group, Inc. Haines City, FL 33844 Fl Certificate of Amhorization # 0.778 **IMPORTANT**FURNISH 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 COMPORNANCE WITH IP! OR FARBLICALING, AND ING. SHEPPING, HISALLING A BRACHING OF THUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY AFAFA) AND TP!. THE BCG CONHECTOR PLATES ARE HADE OF 20/18/166A (H.H/SS/K) ASIM A653 GRADE 40/60 (H. K/M.SS) GALV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND, UNILESS OTHERNISE LOCALED ON THIS DESIGN, POSITION DER BRANTHAGS 166A Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE FER ANNEE AS OF THIS 2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILD TPIL 2002 SEC.3. A SEAL ON THIS BILLITY SOLELY FOR THE TRUSS COMPONENT BUILDING IS THE RESPONSIBILITY OF THE

BUILDING DESIGNER PER ANSI/IPI I SEC.

Dec BC DL TC DL TC LL SPACING DUR.FAC. TOT.LD. FL/-/4/-/E/-/-24.0" 40.0 10.0 20.0 1.25 10.0 PSF 0.0 PSF PSF PSF JREF-SEQN-DR W DATE REF FROM HC-ENG Scale =.5"/Ft. HCUSR8228 07354069 R8228- 11247 1TDG8228Z01 DAL/AP 4690

12/20/07

REV

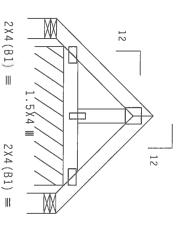
1-11-4

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

Wind reactions based on MWFRS pressures.

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

Refer to DWG PIGBACKA0207 or PIGBACKB0207 for piggyback details.
PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.



1-10-4

 $4 \times 4 \equiv$



1-5-1→ 1-5-1

4-0-0 Over 3 Supports →

R-11 Rw-41 U-38 W-4.95" RL=48/-48

R=11 U=2 W=4.95"

R=84 PLF U=21 PLF W=2-10-2

PLT TYP.

Wave

WARNING TRUSSES REQUIRE E REFER TO BEST (BUILDING COMP HORTH LEE SEREET, SUITE 312, A CHIERRRISE LAME, MADISON, HI OTHERHISE INDICATED HOP CHORD A PROPERLY ATTACHED RIGHD CEIL

Haines City, FL 33844
FI Certificate of Authorization #0 778 **IMPORTANT**TURNISH A COPY BE RESPONSIBLE FOR ANY DEVYALI FET: OR TABELTON, DESIGN CONFORSY WITH APPLICABLY COUNCION PLATES ARE HADE OF 2 COUNCION PLATES ARE HADE OF 2 PLATES TO EACH FACE OF TRUSS AN ANY INSPECTION OF PLATES POLICO DESIGN SHOWN. HE SUCTEMBE OF DESIGN SHOWN. HE SULTABLE!

ALPINE

anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf. In lieu of rigid ceiling use purlins to brace BC @ 24" OC.

Design Crit: TPI-2002(STD) $Cq/RT=1.00(1.25)/0(0)$ 7.41.1125 1 $Cq/RT=1.00(1.25)/0(0)$ 7.41.1125 2 $Cq/RT=1.00(1.25)/0(0)$ 7.41.1125 2 $Cq/RT=1.00/RT$	FL/-/4/-/E/-/-	20.0 PSF	Scale = .5"/Ft. REF R8228- 11248
WI SOTION TO A STATE OF PARTICLES PRIOR TO PERFORM THE HEST FUNCTIONS. UNLESS ORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE	TC DL	10.0 PSF	DATE 12/20/07
CEILING.	BC DL	10.0 PSF	DRW HCUSR8228 07354067
HCE	BC LL	0.0 PSF	HC-ENG DAL/AP
OR ZO/18/16AC, WHATSYRY NSHI MASS GRADE GO/GO (W. KIM SS) GAU. SITEL. APILY SS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A.Z.	TOT.LD.	40.0 PSF	SEQN- 4693 REV
ONAL SHOULD BE PER AMEX AS OF THIS 2002 SEC.S. A SEAL ON THIS OF PROFESSIONAL ENGINEERING RESPONSIBILITY SHELLY FOR THE RUSS COMPONENT OR ANY BUILDING IS THE RUSS COMPONENT OR ANY BUILDING IS THE RESPONSIBILITY OF THE	DUR.FAC.	1.25	FROM AH
/1911 SEC. 7. Dec. 20 07	SPACING	24.0"	JREF 1TDG8228Z01
	1		1

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

TC From 66 PLF at 0.00 to 66 PLF at 2.21 BC From 4 PLF at 0.00 to 4 PLF at 1.92

110 mph wind, 19.49 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=2.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

REFER TO DRAWING PIGBACKB0204 FOR PIGGYBACK DETAILS. TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED @ 24" O.C.

1.5X4 III

 $2X4(B1) \equiv 3X4 \equiv$ 10

> 8 $\sigma \omega$ 13

10 ά Over 2 Supports

R=73 W=5.467" R=42 PLF U=25 PLF W=1-6-10

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

PLT TYP.

Wave

WARNING IRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PHBLISHED BY IPT (TRUSS PLATE INSTITUTE, 218 HORTH LEE STREET, SUITE 127. ALEXANDRIA, NA, 223-214) AND VICTA (MODD TRUSS COUNCIL OF AMERICA, 6300 CHITERRISE LAME, HADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THEST TUNCTIONS, UNLESS OTHERWISE HORTHOGODES HALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED BY CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CELLING.

ITW Building Components Group, Inc.
Haines City, FL 33844
F1 Centificate of Authorization #0 778 **IMPORTANT**TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, THC, SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRISS IN CONTORNANCE WITH FPI; OR FAREACTING, MADILING, SHEPPIG, HISTALLING A BRACING OF TRUSSES, DESIGN ACTION, AND THE SUBJECT OF THE SECOND CONTROL OF T DRAHIMG IMPICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY DESIGN SHOWL. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILD BUILDING DESIGNER PER ANSI/PFT 1 SEC. 2.

ALPINE

In lieu of rigid ceiling use purlins to brace BC @ Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\cdot$ 24"



Scale = .5"/Ft.

R8228- 11249

12/20/07

EC/DLJ

25684

1TDG8228Z01

Bot chord 2x4 SP #2 Webs 2x4 SP #3 REFER TO DRAWING PIGBACKB0204 FOR PIGGYBACK DETAILS. TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED @ 24" O.C. PLT TYP. Wind reactions based on MWFRS pressures In lieu of rigid ceiling use purlins to brace BC @ 24" SPECIAL LOADS Haines City, FL 33844
FI Certificate of Authorization #0 778 From 6 ALPINE Wave R DUR.FAC.=1.25 / PLATE DUR.FAC:=1.25)
66 PLF at 0.00 to 66 PLF at 5.15
66 PLF at 5.15 to 66 PLF at 10.30
4 PLF at 0.00 to 4 PLF at 10.30 Dense **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BGG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEFIALION FROM HIS DESIGN, ANY FALLURE TO BHILD THE TRUSS IN COMPORMANCE WITH FPI: OR FAREACHING, HANDLING, SHEPPING, HISTALLING A BRACHEO FERESSEE, AFTERNA AND IPI.

DESIGN CONFIDENCE FOR THE APPLICABLE PROPISIONS OF NDS (MATIONAL DESIGN SECE, BY ATRA) AND IPI.

PLATES TO EACH FACE OF TRUSS AND. UNICES OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWHER SHOW AS ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANHEY AS OF THIS 2002 SEC. 3.

BRAWHER INDICALES ACCEPTANCE OF PROFESSIONAL FROM HER SHOWS BELLET FOR THE TRUSS COMPONENT DESIGN SHOWN.

THE SULTABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/IPI 1 SEC. 2. **WARNING** IRUSSES RÉCULTE EXTREME CARE IN FARRICATION. INAUCLING. SHIPPING, INSTALLING AND BRACING. RETER TO BESSI. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TIPI (TRUSS PLATE INSTITUTE, 218 MOBIN LEE STREET, SUITE CLZ: ALEXANDRIA, VA, 22:214) AND STRACA (MODD TRUSS COUNCIL OF ANREACA. 6300 CHIEGENE'SE LIANE, HADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNILESS OTHERWISE HOLOCALED IDE CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED TRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED TRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE 2X4(B1) 98 Rw-137 U=158 W=5.467" R=99 PLF U=38 PLF W=8-11-13 10 Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) 4-5-14 000 10-3-9 0ver 1.5X4 **Ⅲ** 4 X 4 ≡ 中 3 Supports Nailing Schedule: (12d_Common_(0.148"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 110 mph wind, 20.71 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=2.0 psf. Iw=1.00 GCpi(+/-)=0.18 Z COMPLETE IRUSSES REQUIRED Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. in each row to avoid splitting 10 7.36.0424. 2X4(B1) = 98 RW-79 U-88 W-5.467" BC DL TC DL SPACING TC LL DUR.FAC. TOT.LD. FL/-/4/-/E/-/-18 8 93 40.0 24.0" 1.25 10.0 10.0 20.0 0.0 PSF PSF PSF JREF -SEQN-DATE HC-ENG DRW HCUSR8228 07354066 Scale = .5"/Ft. R8228- 11250 1TDG8228Z01 EC/DLJ 12/20/07

Bot chord 2x4 SP Webs 2x4 SP REFER TO DRAWING PIGBACKB0204 FOR PIGGYBACK DETAILS. TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED @ 24" O.C. PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,.$ In lieu of structural panels or rigid ceiling use brace all flat TC @ 24" OC, all BC @ 24" OC. Wind reactions based on MWFRS pressures. SPECIAL LOADS FI Certificate of Amhorization #0 278 Haines City, FL 33844 From From (LUMBER ALPINE Wave ER DUR.FAC.=1.25 / F 66 PLF at 0.00 to 66 PLF at 2.50 to 4 PLF at 0.00 to =14 2X4(B1) #3 10 Dense R 73 PLF U=25 PLF W 12 2 10 Rw-46 U=19 W=5.467" 0.00 to 2.50 to 0.00 to **IMPORTANT**FURMISH A COPY OF THIS 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 COMORMANCE WITH PI, DR FARRISHING, HANGLING, SIMPING, HISTORY, AND TOT. THE SECOND CONTROL OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF DRDS (MATIONAL DESIGN SECE, SY AREA), AND TOT.

THE BCG CONNECTION FOR THE SECOND OF "20/18/16/AGA (M.H/SS/K), ASHA MASS GRADE 40/60 (M. K/M.SS) GALV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERSISE (DCALED ON THIS DESIGN, POSITION FER BRANHINGS 160A, Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE FER ANNEX A. OF TPI1 2002 SEC. 3. A SEAL ON THIS DESIGN SHOWN.

THE SULFAMENT OF THE SULFAMENT AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BESTOR SHOWN. **WARNING.** IRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING. RETER TO BEST. (BUILDING COMPORTER SAFELY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 MORTH LEE STREET, SUIFE 127 ALEXANDRIA, VA, 22314) AND HIGH CAC (MOOD TRUSS COUNCEL) OF AMERICA. 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HIESE TUNCTIONS. UNIESS OTHERWISE HOLGLIDE OF CHORDS SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED THE TRUST HOLGLIDE OF CHORD SMALL HAVE BUILDING DESIGNER PER ANSI/IPI I SEC. 2. -10-2 / PLATE DUR.FAC.=1.25)
) to 66 PLF at 2.50
) to 66 PLF at 13.17
) to 4 PLF at 13.17 4 X 4 ≡ .5X4 III 6 Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) purlins 13-2-0 t o Over 3 1.5X4 **Ⅲ** 1.5X4 III Supports 45 Ъ ω 0 Top Chord: 1 Row @Bot Chord: 1 Row @Webs : 1 Row @Use equal spacing ! 110 mph wind, 19.61 ft mean hgt, ASCE 7 02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf, Iw=1.00 GCpi(+/)=0.18 Nailing Schedule: (12d_Common_(0.148"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. Right end vertical not exposed to wind pressure 2 COMPLEIE TRUSSES REQUIRED in each row to avoid splitting 7.36.042 * Dec SOONAL ENGINE CORIOR STATE between rows and stagger nails R-0 W-3.5" 3 X 4 ≡ 1.5X4 III BC DL TC DL SPACING TOT.LD. ВС TC LL \oplus DUR.FAC. FL/-/4/-/E/-/-40.0 20.0 24.0" 1.25 10.0 10.0 PSF 0.0 PSF PSF PSF PSF

JREF-

1TDG8228Z01

FROM SEQN HC-ENG DATE

12/20/07

Scale =

.5"/Ft.

R8228-

11251

DRW HCUSR8228 07354002

EC/DLJ 25702

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

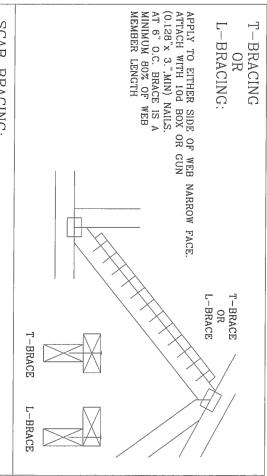
BRACING. THIS DETAIL IS ONLY APPLICABLE FOR CHANGING THE SPECIFIED CLB SHOWN ON SINGLE PLY SEALED DESIGNS TO T-BRACING OR SCAB

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

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

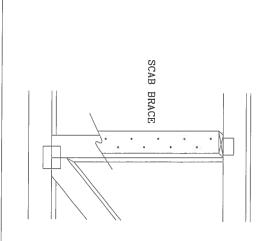
T-BRACE, L-BRACE AND SCAB BRACE TO BE SAME SPECIES AND GRADE OR BETTER THAN WEB MEMBER UNLESS SPECIFIED OTHERWISE ON ENGINEER'S SEALED DESIGN.

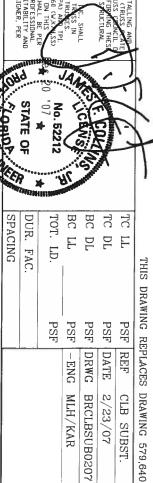
* CENTER SCAB ON WIDE FACE OF WEB. APPLY (1) SCAB TO EACH FACE OF WEB.



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





WHIPEDENANTM FURNISH CORY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITY BEG, NOT BE RESPONSIBLE CTOR ANY BEYANDLE WAS RESIGNED FOR THE RESPONSIBLE CTOR ANY BEYANDLE WAS RESIGNED FOR THE RESIDNED FOR THE RESIDN **WARKING** "RUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALL BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY (NEDBARTING), PUBLISHED BY TPI (TR INSTITUTE, 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA. 22314) AND WITCA (VODD RUSSE) AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PARCITEES PRIDE TO PERFORM FUNCTIONS. UNESSES OTHERWISE INDICATED. TOP GROBE SMALL HAVE PREPERLY ATTACHED SPECIAL PROPERLY ATTACHED SPECIAL SAFETY PROPERLY ATTACHED SPECIAL SAFETY PROPERLY ATTACHED SPECIAL SAFETY PROPERLY ATTACHED SPECIAL SAFETY PROPERTY ATTACHED SAFETY PROPERTY ATTACHED SPECIAL SAFETY PROPERTY ATTACHED SAFETY PROPERTY SAFETY PROP

ITW BUILDING COMPONENTS GROUP, INC.

ALPINE

POMPANO BEACH, FLORIDA

SONAL ENGINE

DUR. FAC PSF PSF PSF PSF DRWG REF -ENG DATE BRCLBSUB0207 MLH/KAR 2/23/07 CLB SUBST.

++ 2X4 SO. PINE #2 N OR SPF #1/#2 FILLER TOP CHORD. + 2X4 CONTINUOUS LATERAL BRACING AT 24" O.C. MAXIMUM SPACING. ATTACH TO EACH TOP CHORD WITH AT BOTH ENDS TO A SUITABLE SUPPORT BY ERECTION CONTRACTOR. (2) 16d COMMON (0.162"X 3.5", MIN) NAILS. MATERIAL TO BE SUPPLIED AND ATTACHED

+++ 2X4 SO. PINE #3 OR SPF #1/#2 VERTICAL WEBS SPACED OC MAXIMUM.

8/12 MAXIMUM PITCH.

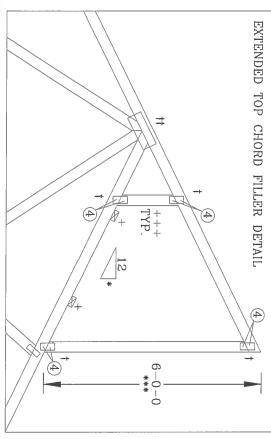
** 2X8.25 PIGGYBACK SPECIAL PLATE. SEE I FOR PIGGYBACK SPECIAL PLATE INFORMATION SEE DRAWING PIGBACKB0699

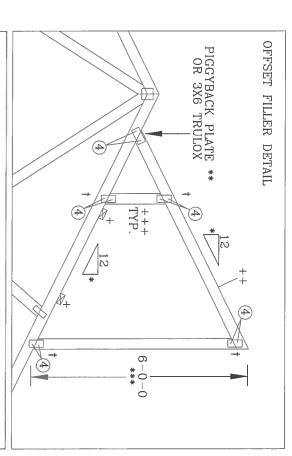
*** 6'0" MAXIMUM HEIGHT.

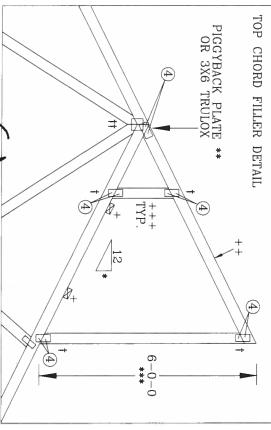
† W2X4 OR 3X6 TRULOX.

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

IN CIRCLES MUST BE APPLIED TO EACH FACE OF EACH TRUSS PLY. SEE DWG. 160TL FOR NAILING AND TRULOX PLATE PROTITED TO TRUE OF TRU 0.120"X 1.375" NAILS REQUIRED







ITWBUILDING COMPONENTS GROUP, INC. POMPANO BEACH, FLORIDA ALPINE

WARNING "ROUSES REQUIPE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESI (BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS CHAFLE INSTITUTE, 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA. 22314) AND VICE (VOOD TRUSS COUNCIL MARTICUTE, 6300 ENTERPRISE IN, HADISON, VI 53719) FOR SAFETY PACTICETS PRIDE TO PERFORMING DISSENTIONS. UNIESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARES OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARES AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARES AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARES AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARES AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CCILING.

WEIMPORTANTER FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITV BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY BUYNATION FROM THIS DESIGN ANY FALLURE TO BUILD THE TRUSK IN CONTORNANCE VITH PT-JO REARRICATION, HANDLING, SHEPPIN, INSTALLING & BRACING OF RESIGN AND THE PRIVATE APPLICABLE PRIVATIONAL DESIGN SHEFT, INSTALLING & BRACING OF RESIGN AND THE DESIGN SHEET, BY AFLAN AND THE PRIVATE OF THE PRIVATE OF THIS CHATTON LESSION SHEET, BY AFLAN AND THE SECONDAL THE SHEET APPLICABLE PRIVATE OF THIS SHEET AND THE SHEET APPLICABLE OF THIS SHEET AND THE SHEET APPLICABLE OF THIS DESIGN, POSTION SHEET AND THE SHEET AND THE SHEET S

USIONAL ENGINE

STATE OF

SPACING

24.0

DUR. FAC. TOT. LD.

1.15 OR 1.33

Np. 52212

BC DL TC DL

MAX 10 PSF

DRWG TCFILLER0207

MAX MAX

15 30 PSF

PSF

2/23/07 TC-FILLER THIS DRAWING REPLACES DRAWING 884,080

REF DATE

BC LL

0 PSF

-ENG

SJP/KAR

MAX

55

PSF

BOTTOM CHORD FILLER DETAIL

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

NAILS SPECIFIED IN CIRCLES MUST BE APPLIED TO EACH FACE OF THE TRUSS. SEE DWG. 160TL FOR NAILING AND TRULOX PLATE REQUIREMENTS 0.120" X 1.375", NAILS, REQUIRED FOR TRULOX PLATE ATTACHMENT.

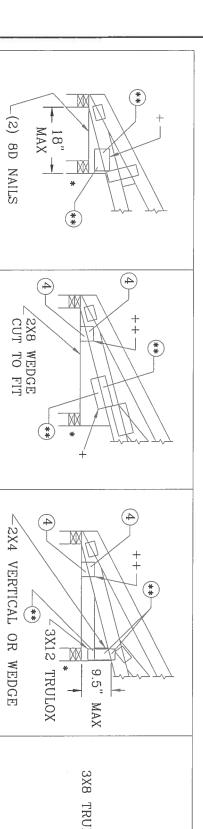
3X4 WAVE OR 4X8 TRULOX

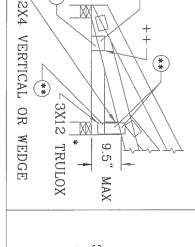
+ 2X4 WAVE OR 3X6 TRULOX

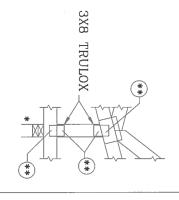
SHOWN DETAIL REFER TO ENGINEER'S SEALED DESIGN REFERENCING THIS FOR LUMBER, PLATES, AND OTHER INFORMATION NOT

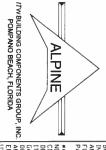
MAY BE REQUIRED TO ACCOMODATE REQUIRED NAILS ALL TRULOX PLATES SHOWN ARE MINIMUMS. LARGER PLATES

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



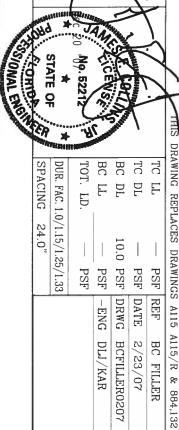




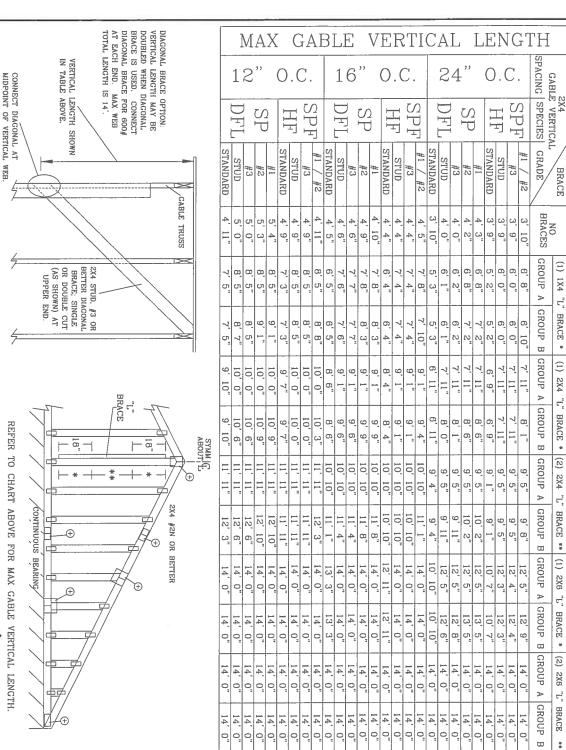


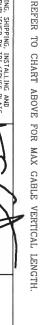
AVARNING "ROUSES REQUIPE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI CTRUSS PLATE INSTITUTE, 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA. 2314) AND WICA (VODD TRUSS COUNCI, BUSINESS, COUNCIDES, COUNCIDES COUNCIDES, COUNCIDER, COUNCIDE

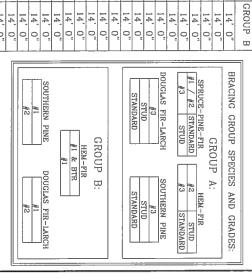
WHERE TANTAM FURNISH COPY OF THIS DESIGN TO INSTALLATION COMPROCIDE THY BGG, INC. SALL NOT BE RESENSIBLE CORP AND EXCLADION FROM THIS DESIGN, ANY FAILURE OF BUILD THE TRUSS ON CONFIDENCE WITH A PER DECLARATE PROPERTY OF THE RESENT OF THE BUILDING DESIGNER, PER ANSI/TP I SEC. 2.



	TC LL		PSF REF	REF	BC FILLER
1	TC DL		PSF	DATE	2/23/07
S de la constante de la consta	BC DL	10.0	10.0 PSF	DRWG	BCFILLER0207
A TO	BC LL		PSF	-ENG	-ENG DLJ/KAR
R	TOT. LD.		PSF		
·····································	DUR. FAC. 1.0/1.15/1.25/1.33	15/1.25	5/1.33		
EF	SPACING 24.0"	.0.1			







14, 0, 14, 0, 14, 0,

14' 0" 14' 0" 14' 0"

14

14' 0"

14' 0'

14

14' 0"

14' 0"

14, 0, 14, 0,

GABLE TRUSS DETAIL NOTES:

14, 0, 14, 0,

14' 0"

14' 0" 14' 0"

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

- * FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C.
 IN 18" END ZONES AND 4" O.C. BETWEEN ZONES
 ** FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C. ATTACH EACH "L" BRACE WITH 10d NAILS.
- MEMBER LENGTH "L" BRACING MUST BE A MINIMUM OF 80% OF WEB IN 18" END ZONES AND 6" O.C. BETWEEN ZONES

	T ATEC	0	DEAK SDIICE AND HEEL DIATES	SDITC	AVEG
	REFER TO COMMON TRUSS DESIGN FOR	RUSS	T NOWWO	R TO C	REFE
_	2.5X4		GREATER THAN 11' 6"	ER THA	GREAT
	1177		11' 6"	LESS THAN 11' 6"	LESS
	VAC	BUT	GREATER THAN 4' O". BUT	ER THA	GREAT
	1X4 OR 2X3	1	0,"	LESS THAN 4' 0"	LESS 1
	NO SPLICE		VERTICAL LENGTH	RTICAL	VΕ
	E SIZES	LIVIA	GABLE VERTICAL PLATE SIZES	E VE	GAB

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MAX.		MAX.				
MAX. SPACING 24.0"		MAX. TOT. LD. 60 PSF				
:NG		LD.				
24		60				
.0,		PSF				
			-ENG	DRWG	DATE	REF
				DRWG A11015EE0207	DATE 2/23/07	ASCE7-02-GAB11015

ITW BUILDING COMPONENTS GROUP, INC. POMPANO BEACH, FLORIDA ALPINE

WHERDERANING I CHAISE COPY OF THIS DESIGN TO INSTALLATION CONFECTOR. IT V BCG, INC.

BE RESPONSIBLE FOR ANY EXHATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUNCONFORMANCE WITH TRU OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSK OBSIGN CONFORMS WITH APPLICABLE PROVISIONS OF HIS CHATIONAL DESIGN SPEC, BY AFEND AN ITY, BCG CONNECTOR PLATES ARE HADE OF 2018/1916/GA (***), ASYM AGSS GRADE ANG (***), GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, WALESS OTHERWISE LOCATED ON IT.

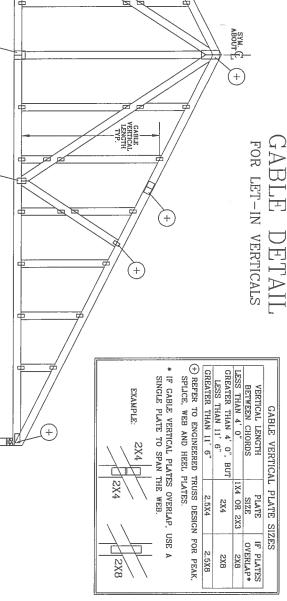
DESIGN, POSITION PER DRAWINGS (60A-Z. ANY INSPECTION OF PLATES FOLLOWED BY () SHALL NAMEX AS OF THE 1-2002 SEC. 3. A SEAL IN THIS DRAWING INDICATES ACCEPTANCE OF PROPESS.

ENGINEERING RESPONSIBILITY SOLLLY FOR THE TRUSKS COMPONENT DESIGN SHAPM. THE SULTABIL USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. REVISES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESS (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY FPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA. 22314) AND WIGA (VOOD TRUSS COUNCIL, AMERICA, 6300 ENTERPRISE LN, HADISON, WI 53719) FOR SAFETY PRACTICES PRIDA TO PERFORMING THE FUNCTIONS. UNITESS DIFFERENTED, TOP CHERD SHALL HAVE FORDERLY ATTACHED STRUCTIONS. (UNITESS DIFFERENTSE INDICATED, TOP CHERD SHALL SAND BOTTOH CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

PER

CORION STATE OF No. 52212

DAN PLAILS



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

(+)

HAND DRIVEN NAILS: 10d COMMON (0.148"X 3.",MIN) TOENAILS AT 4" O.C. PLUS (4) 18d COMMON (0.162" X 3.5",MIN) TOENAILS IN TOP AND BOTTOM CHORD.

GUN DRIVEN NAILS: 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

4 TOENAILS

RIGID SHEATHING

GABLE-TRUSS

TOENAILS SPACED AT 4" O.C.

ASCE 7-98 GABLE DETAIL DRAWINGS A11030EN0207, A10030EN0207, A09030EN0207, A11015EN0207, A10015EN0207, A09015EN0207, A08015EN0207, A07015EN0207 A08030EN0207, A07030EN0207

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

ASCE 7-05 GABLE DETAIL DRAWINGS A13015EE0207, A12015EE0207, A11015EE0207, A10015EE0207, A08515EE0207, A13030EE0207, A12030EE0207, A11030EE0207, A10030EE0207, A08530EE0207

SEE APPROPRIATE ALPINE GABLE DETAIL (ASCE OR SBCCI

VERTICAL LENGTH. WIND LOAD) FOR MAXIMUM UNREINFORCED GABLE

4 TOENAILS

CEILING



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

TOENAIL

TOENAIL

2X4 "T" REINFORCING MEMBER

REINFORCING MEMBER

WEB LENGTH INCREASE W/ Τ" BRACE

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

EXAMPLE:

ASCE WIND SPEED = 100 MPH
MEAN ROOF HEIGHT = 30 FT
GABLE VERTICAL = 24" O.C. SP #3 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" "T" REINFORCING MEMBER SIZE = 2X4

THIS DRAWING REPLACES DRAWINGS GAB98117 876,719 & HC26294035

			(4	1		7
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	MAX	DUR.	MAX				
	MAX SPACING 24.0"	DUR. FAC.	MAX TOT. LD. 60 PSF				
	JING		LD.				
	24	ANY	60				
	.0"		4Sd				
				-ENG DLJ/KAR	DRWG GBLLETIN0207	DATE	REF
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ITW BUILDING COMPONENTS GROUP, INC. POMPANO BEACH, FLORIDA ALPINE

MAVARNHOSAN TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESS OBUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI CTRUSS PLATE INSTITUTE, 218 NURTH LEE STR, SUITE 312, ALEXANDRIA, VA. 2214) AND WITCH CAVODD TRUSS COUNCIL MACRICA, 6300 ENTERPRISE LN, HANDISON, WI 53719) FUR SAFETY PRACTICES PRIDE TO PERFORMING THE FUNCTIONS. UNESS OTHERWISE INDICATED, TOP CHIRD SMALL HAVE PRIDERLY ATTACHED STRUCTURE PARTS STRUCTURE.

WHIPDER MANY FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITY BGC, INC., SHALL BE RESONABLE FOR AWAY EXCHAINES DESIGN, ANY ARLURE TO BUILD THE TRUSS IN CONFIDENACE WITH TP1) OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFIDENAL DESIGN SET APPLICABLE PROVISIONS OF NOS CHATIONAL DESIGN SPEC, BY AFERA AND TP1. ITY, BGC CONNECTOR PLATES ARE HADE OF ZOURGHOACH, VASCAY ASTH AGAS GRADE 4056 (V.A.M.SS) GALV. STEEL. APPLY PLATES TO EACH FAGE OF TRUSS AND, UNLESS OTHERWISE LOCATED BY HIS SECON, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (J. SHALL BE PER ANNEX AS OF TP1—2002 SEC. 3. A SEAL BN THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLLEY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANNEX AS OFFER AND ANY AND ANY AND BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANY AND THE PLATES THE BUILDING DESIGNER, PER ANY ANY AND THE PLATES THE BUILDING DESIGNER, PER ANY ANY AND THE PLATES THE BUILDING DESIGNER, PER ANY ANY AND THE BUILDING DESIGNER, PER ANY AND THE BUILDING DESIGNER, PER ANY AND THE BUILDING DESIGNER, PER ANY ANY AND THE BUILDING DESIGNER, PER BUILDING DESIGNER,

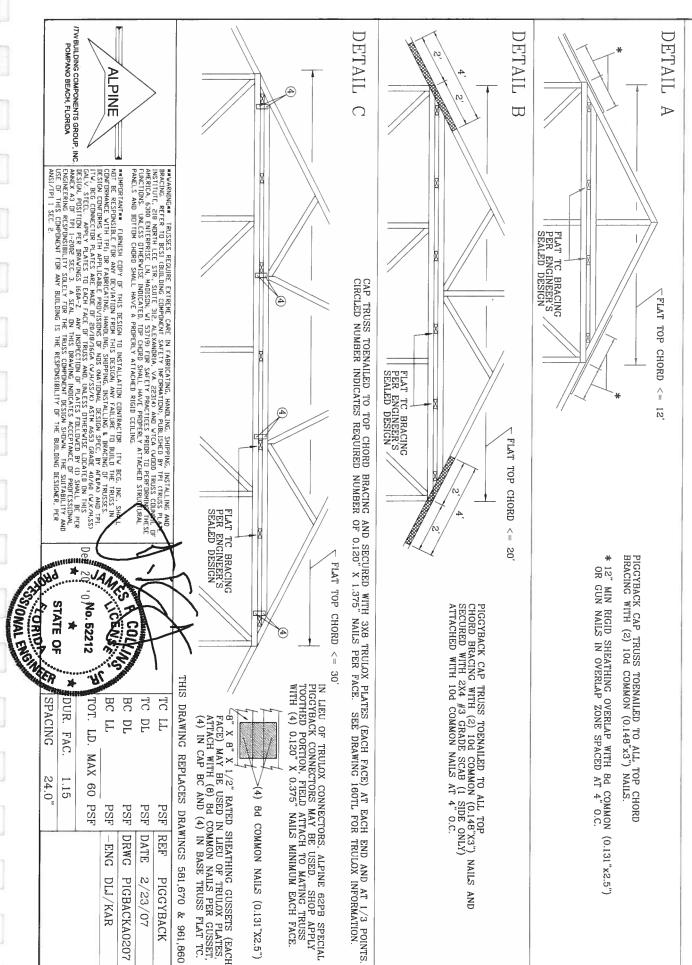
FIGGIDACN DETAIL

100 MPH WIND, 30.00 FT MEAN HGT, ASCE 7-02 OR ASCE 7-05, CLOSED BLGD, LOCATED ANYWHERE IN ROOF, CAT II, EXP C, WIND TC DL=5.0 PSF, WIND BC DL=5.0 PSF.

80 MPH WIND, 30.00 FT MEAN HGT, SBC, ENCLOSED BLDG, LOCATED ANYWHERE IN ROOF WIND TC DL=5.0 PSF, WIND BC DL=5.0 PSF.

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

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



PIGGYBACK DETAII

SPACE PIGGYBACK VERTICALS AT 4' OC MAX. REFER TO SEALED DESIGN FOR DASHED PLATES.

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

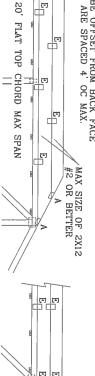
PIGGYBACK BOTTOM CHORD MAY BE OMITTED. TRUSS TOP CHORD WITH 1.5X3 PLATE. ATTACH VERTICAL WEBS TO

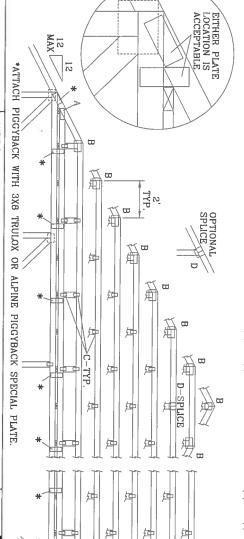
ATTACH PURLINS TO TOP OF FLAT TOP CHORD. IF PIGGYBACK IS SOLID LUMBER OR THE BOTTOM CHORD IS OMITTED, PURLINS MAY BE APPLIED BENEATH THE TOP CHORD OF SUPPORTING TRUSS. REFER TO ENGINEER'S SEALED DESIGN FOR REQUIRED PURLIN SPACING.

THIS DETAIL IS APPLICABLE FOR THE FOLLOWING WIND CONDITIONS:

130 MPH WIND, 30' MEAN HGT, ASCE 7-98, ASCE 7-02 OR ASCE 7-05, CLOSED BLGD, LOCATED ANYWHERE IN ROOF, CAT II, EXP C, WIND TC DL=5 PSF, WIND BC DL=5 PSF 110 MPH WIND, 30' MEAN HGT, SBC ENCLOSED BLDG, LOCATED ANYWHERE IN ROOF WIND TC DL=5 PSF, WIND BC DL=5 PSF

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





		(4) IN CAP BC AND (4) IN BASE TRUSS FLAT TC.	FACE) MAY BE USED IN LIEU OF TRULOX PLATES, ATTACH WITH (8) 6d BOX (0.099"X 2.",MIN) NAILS PER GUSSET.	6" X 8" X 1/2" RATED SHEATHING GUSSETS (EACH	(4) 6d BOX (0.099"X 2.",MIN) NAILS.	
য়ে	D	C	В	Α	TYPE	JOINT
4X6 OF	5X4	1.5X3	4X6	2X4	30'	
OTATED	5X5	1.5X4	5X6	2.5X4	34'	SPANS
4X6 OR 3X6 TRULOX AT 4' OC ROTATED VERTICALLY	5X5	1.5X4	5X6	2.5X4	38'	SPANS UP TO
LY OC	5X6	1.5X4	5X6	3X5	52'	

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

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

* PIGGYBACK SPECIAL PLATE

ATTACH TEETH TO THE PIGGYBACK AT THE TIME OF FABRICATION. ATTACH TO SUPPORTING TRUSS WITH (4) 0.120" X 1.375" NAILS PER FACE PER PLY. APPLY PIGGYBACK SPECIAL PLATE TO EACH TRUSS FAND SPACE 4' OC OR LESS. EACH TRUSS FACE



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THE DRAWING REPLACES DRAWINGS 634,016 634,017 & 847,045

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100	OF F	······ 本 加加	212	S	Ž	7	+
	SP						

1.15 1.25 DUR. 1.33 DUR. FAC MAX LOADING 47 PSF 50 PSF AT 55 PSF AT DUR. FAC 24.0" AT FAC DRWG REF DATE PIGBACKB0207 DLJ/KAR 2/23/07 PIGGYBACK

WHERDEYANING FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. TTV BCG, IN NOT BE RESONABLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE RECONDERNAME WITH TPI DE FARRICATING, HANDLING, SHIPPING, INSTALLING & BRACKING OF TREESIGN CONTROLLING & BRACKING OF TREESIGN CONTROLLING & BRACKING OF TREESIGN CONTROLLING & BRACKING OF TREESIGN SETTED, BY AFRANCE OF TRUSS AND UNLESS OTHERWISE CICATED ON DESIGN, POSITION PER DRAVINGS GOAD, AND TRUSPECTION OF PLATES THE CONTROL BY OF SAND ANNEX AS OF TRIL FORDER SEC. A SEAL ON THIS DRAVING INDICATES ACCEPTANCE OF PROFESIORS OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGN AND UNLESS OF THE BUILDING DESIGN AND THE DESIGN SHOWN. THE SUITE AND THE STORM SHOWN. "MAVARHINGAM TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTAL BRACKING, REFER TO BESSI (BUILDING COMPONENT SAFETY INFORMATIND, PUBLISHED BY TPI (TI NSTITUTE, 218 MORTH LEE STR., SUITE 312, ALEXANDRIA, VA. 22314) AND WITA (AVIDDI TRUS) AMERICA, 6300 ENTERPRISE LN, HADISON, VI 53719) FOR SAFETY PRACTICES PRIDE TO PERFORMANCIONS. UNESTS DIFFERVISE INDICATED, TIPD CHARD SHALL HAVE PROPERLY ATTACHED ST

/TWBUILDING COMPONENTS GROUP, INC. POMPANO BEACH, FLORIDA

ALPINE

ACING



OMB Approval No. 2502-0525

This form is completed by the licensed Pest Control Company.

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This information is mandatory and is required to obtain benefits. HUD may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.

Section 24 CFR 200.926d(b)(3) requires that the sites for HUD insured structures must be free of termite hazards. This information collection requires the builder to certify that an authorized Pest Control company performed all required treatment for termites, and that the builder guarantees the treated area against infestation for one year. Builders, pest control companies, mortgage lenders, homebuyers, and HUD as a record of treatment for specific homes will use the information collected. The information is not considered confidential.

This report is submitted for informational purposes to the builder on proposed (new) construction cases when soil treatment for prevention of subterranean termite infestation is specified by the builder, architect, or required by the lender, architect, FHA, or VA.

All contracts for services are between the Pest Control Operator and builder, unless stated otherwise.

·						
Section 1: General Information (Treating Company Information)						
Company Name:						
Company Address:	City	Lake City	State	(m)		22055
Company Business License No.						
FHA/VA Case No. (if any)			110110 110.			
Section 2: Builder Information	EFECAVE***********************************	/484		and the same of the same		
Company Name: Tsuar Zuns	0	Company F	Phone No			
Section 3: Property Information		·				
Location of Structure(s) Treated (Street Address or Legal Description, City,	, State and Zi	p) <u>Z 3 3</u>	5 W	74700	Son	1.1.
			make in	Total.	***************************************	
Type of Construction (More than one box may be checked)	☐ Basem	nent Cr	awl \square	Other		
	Inside	Z	Type			×
Section 4: Treatment Information						
Date(s) of Treatment(s)						
Brand Name of Product(s) Used						
EPA Registration No.						
Approximate Final Mix Solution %						
Approximate Final Mix Solution % Line Approximate Size of Treatment Area: Sq. ft Line	ear ft	<u>/ Z</u> Li	near ft. of Ma	asonry Void	ds	£42=
Approximate Total Gallons of Solution Applied						
Was treatment completed on exterior? Yes No						
Service Agreement Available? Yes Do						
Note: Some state laws require service agreements to be issued. This follows	rm does not p	reempt state law.				
Attachments (List)			-			
Comments						
A						
			*			
18 m Hanne		A4 495 1 - 1 5	01-1- 1			
Name of Applicator(s)	Certification	No. (if required b	y State law)			
The applicator has used a product in accordance with the product label and state federal regulations.	requirements.	All treatment mat	terials and me	ethods used	d compl	y with state and
				1-3		
Authorized Signature			Date	7	- 4	- 6

Warning: HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010. 1012; 31 U.S.C. 3729, 3802)

Form NPCA-99-B may still be used



161 N.W. Madison St. Suite 10 Lake City, Florida 3205

Tel: 386-758-420 Fax: 386-758-429

January 31, 2008

Columbia County Building and Zoning

RE: Lot 2 Southwood Meadows , Property ID# 03405-102 PECM 17 # 26590

To whom it may concern:

I have reviewed the Flood Insurance Rate Map and have determined the property is not located in a flood zone. I have performed a site evaluation of the existing area. I certify that placing the finished floor a minimum of 12" above finished grade is adequate to prevent flood and water damage. Grade the perimeter so that all runoff drains away from the building.

Sincerely,

William H. Freeman, P.E. #56001

Willia / Filer

President

Cert. Of Authorization #00008701



COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

This Certificate of Occupancy is issued to the below named permit holder for the building

accordance with the Columbia County Building Code. and premises at the below named location, and certifies that the work has been completed in

Parcel Number 01-5S-16-03405-102

Building permit No. 000026590

Use Classification SFD/UTILITY

Permit Holder ISAAC BRATKOVICH

Fire: 51.36
Waste: 134.00

Owner of Building ISAAC HOLDINGS, INC.

Total: 185.36

Location:

233 SW MEADOW TERR., LAKE CITY, FL

Date: 02/20/2009

Building Inspector

POST IN A CONSPICUOUS PLACE (Business Places Only)