## 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
Page 1 of 1 Document ID:1TC08228Z0629134733

Truss Fabricator: Anderson Truss Company

Job Identification: 7-310--Cason Construction MATT CASON -- , \*\*

Truss Count: 40

Model Code: Florida Building Code 2004 and 2006 Supplement

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

Engineering Software: Alpine Software, Versions 7.36, 7.37.

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

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

Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration

Floor - N/A

Wind - 110 MPH ASCE 7-02 -Closed

## Notes:

- Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
- 2. The drawing date shown on this index 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-A11015EE-GBLLETIN-140GS-140GC-

#	Ref Description	Drawing#	Date
1	43462H7A	07302067	
2	43463H9A	07302065	10/29/07
3	43464 AV	07302038	10/29/07
4	43465 H3AV	07302068	10/29/07
5	43466H11A	07302039	10/29/07
6	43467 H13A	07302040	10/29/07
7	43468AV1	07302041	10/29/07
8	43469 AV4	07302042	10/29/07
9	43470 AV5	07302043	10/29/07
10	43471H3B	07302069	10/29/07
11	43472B	07302044	10/29/07
12	43473 B1	07302045	10/29/07
13	43474B2	07302046	10/29/07
14	43475 B3	07302047	10/29/07
15	43476B4	07302048	10/29/07
16	43477 B5	07302049	10/29/07
17	43478B6	07302050	10/29/07
18	43479 B7	07302051	10/29/07
19	43480 B8	07302052	10/29/07
20	43481 - B9	07302053	10/29/07
21	43482H11BT	07302054	10/29/07
22	43483H9BT	07302055	10/29/07
23	43484H7BT	07302070	10/29/07
24	43485 CGE	07302071	10/29/07
25	43486C	07302056	10/29/07
26	43487 C1	07302057	10/29/07
27	43488C-2	07302072	10/29/07
28	43489 CJ1	07302066	10/29/07
29	43490HJ3	07302073	10/29/07
30	43491 - HJ7	07302074	10/29/07
31	43492HJ7T	07302075	10/29/07
32	43493HJ3	07302076	10/29/07
33	43494 CJ3	07302058	10/29/07
34	43495 CJ5	07302113	10/29/07
35	43496 EJ7	07302059	10/29/07
36	43497 EJ3	07302060	10/29/07

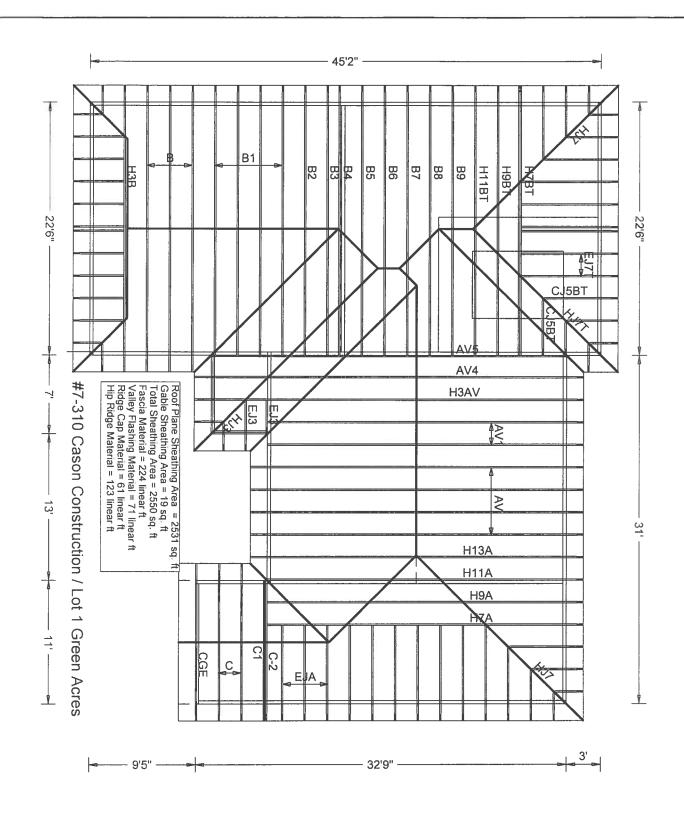
J. W.

Seal Da J: 10/29/2007

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

#	Ret Description	Drawing#	Date
37	43498EJ3	07302061	10/29/07
38	43499 EJA	07302062	10/29/07
39	43500CJ5BT	07302063	10/29/07
40	43501EJ7T	07302064	10/29/07





JOB NO: 7-310 PAGE NO: 1 OF 1 JOB DESCRIPTION:: Cason Construction /: MATT CASON

Top chord 2x4
Bot chord 2x6
Webs 2x4
:Rt Wedge 2x4 Haines City, FL 33844
FL Cartificate of Authorization # 0 770 110 mph wind, 15.00 located within 4.50 DL=5.0 psf, wind BC In lieu of structural panels use purlins to  $24\,\mbox{^{"}}$  OC. Wind reactions based on MWFRS pressures PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. (7-310--Cason Construction MATT CASON ALPINE 20 \$\$\$\$ Gauge 1-6-0 P #2 Dense :T2 2x6 SP #2: P #2 :B2 2x6 SP #1 Dense: P #3:  $5X4(A4) \equiv$  $5X4(A4) \equiv$ ft mean hgt, ASCE 7-02, CLOSED bldg, not ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 SH -2723 U-362 W-3.5 , Wave 6 \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BEG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEPLATION FROM HIS DESIGN, ANY FAILURE FO BHILD THE THISSE IN COMPORMANCE WITH IP). OR FARRICALING, ANDRING. SHIPPING, HISTALLING A BRACHEO FO TRUSSES, COSTION CONTRACT HIS PECCESTOR CONTRACTS ARE AND TO 720/18/1606 (W. M./SS/K) ASHA A653 GRADE 40/60 (W. K/M.SS) GALV. SIEEL. APPLY FINE TO FACH FACE OF TRUSS AND, WHEES OTHERNIST LOCATED ON HIS DESIGN, POSITION PER DRAWHES 100A.Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANHEX A OF 1P11 2002 SEC 3. A SEAL ON THIS BRAWHIG INDICALES ACCUMENTATION OF PLATES FOLLOWED BY (I) SHALL BE PER ANHEX AS OF 1P11 2002 SEC 3. A SEAL ON THIS BRAWHIG INDICALES ACCUMENTATION OF THE THIS COORPORT OF THE DESIGN SHOULT AND USE OF THIS COMPONENT OR ANY BUILDING IS THE RESPONSIBILITY OF THE \*\*MARN.MG\*\* IRUSCIS BIOURE CITERIE CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.
BETER 10 BCS1 (BUILDING COMPONEN'S SAFETY MEGRATUR), PUBLISHED BY 1PT (IRUSS PLATE INSTITUTE, 718
MORTH LE SIREE, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (MODO TRUSS COUNCIL OF AMERICA, 6300
ENTERPRISE LAIE, MADISON, MI 53719) FOR SALETY PRACTICES PRIOR TO PERFORMING HESE FUNCTIONS. DHLESS
OTHERMISE HUDICATED TOP COMBR SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE
A PROPERLY ATTACHED RIGID CEILING. DESIGNER PER ANSI/IPI I SEC 1.5X4 III 0 3X4 /// 0 Design Crit: brace all flat TC  $3 \times 4 \equiv$ 8X8 **■** H7A) TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 26 1.5X4 4 X 1 0 ≡ င်္ဘ 0 = 0ver 2 12 HS412≡ Ś 2 Supports 0  $3 \times 4 \equiv$ 4 X 4 = TC - F1
TC - F SPECIAL LOADS From 62 PLF From 62 PLF From 62 PLF From 4 PLF From 20 PLF 187 LB Conc. 1 36, 19.06 272 LB Conc. 1 591 LB Conc. 1 82 LB Conc. 1 82 (LUMBER DUR.FAC.=1.25 272 LB Conc. Load at 21.06, 62 PLF at -1.50 62 PLF at 7.00 62 PLF at 19.42 **8** X 8 **∥**  $2.5 \times 6 \equiv$ YONAL ENGIN CORIO Load Load Load -0.00 2X4 III 3 X 4 ₩ at 21.06, at 7.00 at 9.06, 7-0-0 to to to to 7.06, PLATE  $7 \times 6 (C8) =$ TE DUR.FAC.=1.25)
62 PLF at 7.00
62 PLF at 19.42
62 PLF at 26.42
4 PLF at -0.00
20 PLF at 26.42
20 PLF at 26.42
9.06, 11.06, 13.06, 1 HS2512(C8) R=3579 U=427 6 TC LL BC DL said a ten state frames a communitated constitute of these BC LL TC DL 23.06, DUR.FAC 11 23 TOT.LD. FL/-/4/-.06, .06 13.06, 25.06 25 .06 ||| 40.0 10.0 20.0 /E/R/ 10.0 PSF 1.25 0.0 15.06, 17.06 PSF PSF PSF PSF 15.06 DATE REF FROM SEQN DRW HCUSR8228 07302067 HC-ENG Scale = .25"/Ft. R8228-JB/AP 23985 10/29/07 43462

100t

SPACING

24.0"

JREF-

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0 778 In lieu of structural panels use purlins to brace all flat TC @  $24\mbox{\ensuremath{^{\circ}}}\xspace$ PLT TYP. (7 310 Cason Construction MATT CASON ALPINE Wave 1-6-0 2.5X6(A1) =#2 Dense #2 Dense #3 R=1192 U=120 W=3.5" \*\*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 TRUSS IN COMPORNANCE WITH PI: OR FARELALTHO, ANDLING, SHEPPIG, INSTALLING A BRACHE OF TRUSSES.

DESIGN CONTRASS WITH APPLICABLE PROVISIONS OF 1005 (INSTONAL DESIGN SPEC, BY ATRA) AND PI. THE RECOMMENS WITH APPLICABLE PROVISIONS OF 1005 (INSTONAL DESIGN SPEC, BY ATRA) AND PI. THE RECOMMENS AND OF 2018 JOACH STELE. APPLY PLATES TO EACH TACE OF TRUSS AND, UNLESS OPHERIST, LOCATED ON THIS DESIGN, POSITION PER BRAHMES 160A Z. ANY HISTOCIANO OF PIALES POLICIBLE OF PIACES OF THE TRUSS OF THE TRU \*\*WARNING\*\* TRUSKES REQUIRE EXTREME EARE IN FABRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING REFER TO BEST. (BUILDING COMPONENT SAFELY INFORMATION), PUBLISHED BY TET (TRUSS PLATE INSTITUTE, 210 HORT LEE SIRET, SHIFE 312, ALEXANDRIA, VA, 22314) AND HICA (MODO TRUSS COUNCIL OF AMERICA, 6300 ENTREPRISE LANE, MADISON, MI 53719) FOR SAFELY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERNISCHALD TOR CORDON SMALL HAVE PROPERLY ATTACHED STRUCTURAL FAMILES AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL FAMILES AND BOTTOM CHORD SMALL HAVE DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. 6 1.5X4 ₩ 9-0-0 \* H9A) 3 X 4 == 5 X 6 ≡ 26-5-0 Over 2 Supports 1.5X4 DZ SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT NG IS THE RESPONSIBILITY OF THE 8-5-0 4 X 8 =  $3 \times 4 \equiv$ 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Wind reactions based on MWFRS pressures 5 X 6 =  $3 \times 4 \equiv$ 1.5X4 / 9-0-0 more word dien the at leading of principal populary the be income in in-6 SPACING R=1084 U=100 BC DL BC LL TC LL DUR.FAC. TC DL TOT.LD.  $2.5 \times 6 (A1) =$ FL/-/4/-/E/R/-1.25 40.0 PSF 10.0 PSF 10.0 PSF 20.0 PSF 0.0 PSF DATE REF FROM SEQN-HC-ENG DRW HCUSR8228 07302065 Scale =.25"/ft. R8228- 43463 JB/AP 10/29/07 23994

24.0"

JREF-

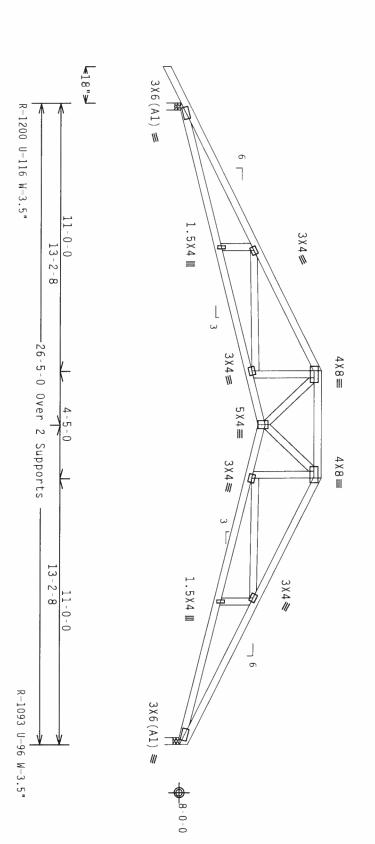
Haines City, FL 33844
FL Certificate of Authorization # 0 778 PLT Calculated horizontal deflection is 0.17" due to live load and 0.26" due to dead load. Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 ITW Building Components Group, Inc. (7 310 Cason Construction TYP. ALPINE Wave 1-6-0 3X6(A1) ≡ R=1196 U=113 W=3.5" \*\*IMPORTANT\*\*PURHISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN; ANY FALLURE TO BUILD HIM TRUSS IN COMPORMANCE WITH IP: OR FARBLOAMICHAING. MANDING. HISTALLING. A BRACHIG OF TRUSSES. DESIGN CONTROPES WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY AFRYA) AND IPI. THE BCS CONNECTION PALES, ARE MODE TO 2018/16/AN (4.11957), ACHA MGS GARDE #0/AG (M. K.M.; STS) ACAV. SIELL. APPLY PALAIES TO EACH FACE OF TRUSS AND. UNITES OFHERMISE LOCATED ON HIMS DESIGN. POSITION PER BRACHINGS 160.A A SEA ON HIMS DANAHOR CHOICE AND OF PALES FALLOWED (V) SHALL BE FER AWAY AS OF TPI 2002 SEC 3. A SEA ON HIMS DANAHOR CHOICANTS ACCOPTANCE OF PROTESSIONAL ENGINEERING RESPONSIBILITY SOLETY OR HIM INSTALLABLE OF TRUSS COMPORENT \*\*\ARNING\*\* FRUSE'S REQUIRE EXTRINE CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING RELER TO REST. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, ZIB HORTH LEE STREET, SUITE JUZ, ALEXANDRIA, NA, ZEZJA) AND HUZA (MODO TRUSS COUNCEL OF AMERICA, 6300 CHILERREISE LANE, MADISON, H 53719) FOR SAFETY PRACTICES PRIOR TO PERTURNING THESE FUNCTIONS, UNLESS OTHERRISE LIDICATED FOR FUNDED SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CELLING. DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. MATT CASON 6 3X4 / Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/ 13-2 1.5X4 III 3×4/ ά AV) -26-5-0 ANY BUILDING 0ver 4 X 6 ≡ 7 X 6 = 2 Supports /10(0)Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Wind reactions based on MWFRS pressures 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 3×4// 1.5X4 III 13-2-8 CORNOR 3 X 4 ₩ 6 SPACING R=1196 U=113 W=3.5" BC LL BC DL TC DL DUR.FAC. TC LL TOT.LD. 3X6(A1) ₩ FL/-/4/-1-6-0 /E/R/ 40.0 24.0" 1.25 10.0 PSF 20.0 PSF 10.0 PSF 0.0 PSF PSF JREF -FROM SEQN-DATE REF HC-ENG DRW HCUSR8228 07302038 Scale =.25"/Ft. R8228- 43464 1TC08228Z06 JB/AP 24014 10/29/07

ITW Building Components Group, Inc. Haines City, FL 33844 FL Cartificate of Authorization # 0 278 PLT In lieu of structural panels use purlins to brace all flat TC  $24\mbox{\ensuremath{^{\circ}}}\ 0\text{\ensuremath{\mathbb{C}}}.$ Calculated horizontal deflection is 0.11" 0.17" due to dead load. Wind reactions based on MWFRS pressures. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Top chord 2x4 SP #2
Bot chord 2x4 SP #2
Webs 2x4 SP #3 Shim all supports to solid bearing  $\geq$ 310 Cason Construction Continuous lateral bracing equally spaced on TYP. ALPINE Wave 18"\* 2.5X6(A1) = Dense Dense R = 1076\*\*IMPORTANT\*\*TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, THE SHALL N DE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH PICTOR TO RECEIVE THE TRUSS IN COMPORMANCE WITH PICTOR TO RECEIVE THE PROPERTY OF THE PICTOR THE PI \*\*MARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FARRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING REFER TO REST. (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY TIPI (TRUSS PLATE INSTITUTE, ZIB MORTH LEE SERFET, SUITE DIZ. ALEXANDRIA, VA. AZZIJA) AND HIVATA (MODO TRUSS COUNCIL OF AMERICA. 6300 ENTERRESE LAME, MADISON, H. 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HEES FUNCTIONS. UNLESS OBHERMISE INDICATED FOR CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PAWELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED RIGHD CELLING.  $U=133 \ W=3.5$ " 6 MATT CASON DESIGNER PER ANSI/TPI I SEC.  $\omega$ 13-2 13-2 3X4 // 5×4 III 3×5/ ۵ 6 due Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 0.1 live member H3AV) 90 31-5-0 load 26 5 X 8 ≡ 5 X 5 ≡ ώ and 0ver Supports . BY AFAFA) AND TPI. IIH BCG
O (M. K/H.SS) GALV. SIEEL. APPLY
GIGH, POSITION PER DRAWINGS 160A Z.
7002 SIC 3. A SEAL ON THIS
X SOLELY FOR THE TRUSS COMPONENT 10-2 12-11-0 ۵ RESPONSIBILITY OF .5X6 SHALL NOT Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. SPECIAL LOADS 4X12≢ 5 X 5 # From (LUMBER 5-0-0 3 X 8 ≡ €X6≡ 62 62 62 62 21 21 20 Conc. Conc. R=2151 U=231 W=3. 1.5X4 III CORIOR 6X6≡ Load at 26.48 Load at 28.42 Load at 26.48 Load at 28.35 at 28.42 -3 -8  $3X4(A1) \equiv$ 3-0-0 .00 E DUR.FAC. = 62 PLF at 62 **└**18"J TC LL BC LL BC DL TC DL SPACING DUR.FAC. TOT.LD. FL/-/4/-.=1.25) t 13.21 : 23.42 28.42 32.92 0.00 13.21 26.13 31.42 32.92 /E /R 40.0 20.0 R=-173 U=37 W=3.5" 10.0 PSF 24.0" 1.25 10.0 PSF 0.0 PSF PSF PSF JREF -FROM SEQN-DATE REF HC-ENG DRW HCUSR8228 07302068 Scale =.1875"/Ft. R8228- 43465 1TC08228Z06 JB/AP 24052 10/29/07

Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 Calculated horizontal deflection is 0.17" due to live load and 0.27" due to dead load. (7 310 Cason Construction MATT CASON H11A) Wind reactions based on MWFRS pressures 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 

In lieu of structural panels use purlins to brace all flat TC  $24\mbox{\ensuremath{^{\circ}}}\xspace$  0C.

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



\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACHIG. RELER TO BEST (BUILDING COMPONENT SACETY INFORMATION), PUBLISHED BY FPI (TRUSS PLATE INSTITUTE, 210 HORTH LITE STREET, SUITE 317, ALEXANDRA, VA, 22314) AND MICA (4000) TRUSS COUNCIL OF AMERICA, 6300 ENTERORSIS LANE, HADISON, HI 53719) FOR SACETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS O OHIERMSE, HOLALDE TOP CORDO SHALL HAVE A PROPERTY ATTACHED REGION CHORD SHALL HAVE A PROPERTY ATTACHED REGION CELLING. TPI-2002 (STD) /FBC Cq/RT=1.00(1.25) /10(0)

Design Crit:

PLT TYP.

Wave

\*\*\*IMPORTANT\*\*TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACION. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH PI: OR FARRICATHE, AND UTILLE, SERVEPICE, BISALLING A BRACHEN OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF DOS (NATIONAL DESIGN SPEC, BY ATER) AND PI. THE BCG. CONNECTOR PILES ARE MADE OF 70/18/16/06 (HJ) KSALL SERVE) AND PI. THE RESPONSIBILITY SOLICE OF THE BRACHEN AND PILES OF THE TRUSS OF THE PILES OF THE

Haines City, FL 33844
FL Continue of Amborington # 0 778

BUILDING DESIGNER PER ANSI/IPI I SEC.

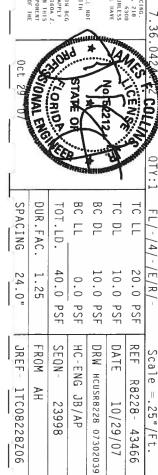
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AND USE OF

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1TC08228Z06



JB/AP 23998

R8228- 43466

10/29/07

Top chord 2x4 SP / Bot chord 2x4 SP / Webs 2x4 SP / ITW Building Components Group, Inc. Haines City, FL 33844 FL Continue of Amborination # 0 779 PLT Calculated horizontal deflection is 0.17" due to live load and 0.26" due to dead load. (7-310--Cason Construction TYP. ALPINE Wave **▲**18 \*\***▼** #2 Dense #2 Dense #3 3X6(A1) ≡ R-1183 U-112 W-3.5" \*\*IMPORTANT\*\*CHRHISH A COPY OF THIS DESIGN TO THE INSIGALATION CONTRACTOR. THE BCG. THC. SHALL NOT THE RESPONSIBILE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE BRASS IN COMPORMANCE WITH FITE OR FLARECATHIC, HANDLING. SHIPPING, HISALLING A BRACKLING OF TRUSSES.

DESIGN CONTROL WITH APPLICABLE PROVISIONS OF 1005 (MAIONAL DESIGN SECOND AND THE THIS DESIGN FOR THIS ARE HAVE OF 70/18/16/CA (H.MESZY) ASHA ASSOCIATION FOR SHIPPING AND THE PROVISION OF 1005 (MAIONAL DESIGN EAGO (H.K.H.SS) GALV SHELL APPLY PLAIES TO EACH FACE OF TRUSS AND. UNICES OTHERWISE LOCATED ON HIS DESIGN, POSITION FOR DAMBHIGS 160A Z. ANY HISTOCIATION OF PLAIES TOLLOWED BY (1) SHALL BE PLA AIMER AS OF THIS 2002 SEC.3.

ANY HISTOCIATION OF PLAIES TOLLOWED BY (1) SHALL BE PLA FAIRE AS OF THIS 2002 SEC.3.

ANY HISTOCIATION OF PLAIES TOLLOWED BY (1) SHALL BE PLA FAIRE AS OF THIS 2002 SEC.3.

ANY HISTOCIATION OF PLAIES TOLLOWED BY (1) SHALL BE PLA FAIRE AS OF THIS 2002 SEC.3.

ANY HISTOCIATION OF PLAIES TOLLOWED BY (1) SHALL BE PLA FAIRE AS OF THIS 2002 SEC.3.

ANY HISTOCIATION OF PLAIES BY (1) SHALL BE PLA FAIRE AS OF THIS 2002 SEC.3. \*\*HARNING\*\*\* IRUSE'S ROUIRE EXIRTHE CARE IN FARRICATION, HANDLING, SHIPPING, INSIALLING AND BRACING, RETER TO BEST. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE (TRUSS PLATE INSITIUTE, ZIB ADDITULEE SIREET, SUITI JEZ, ALEXANDRING, YA, 22314) AND HEAT ACK (MODO TRUSS COUNCIL OF AHERICA, 6300 CHIERPHYSE LANE, MADISON, H 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS BUILDING THE PROPERTY ATTACHED STRUCTURAL PAHELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED REGION SHALL HAVE PROPERTY ATTACHED STRUCTURAL PAHELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED REGION SHALL HAVE DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPORENT BUILDING DESIGNER PER ANSI/IPI 1 SEC. 2. MATT CASON 6 3X4 == w Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 13-2-8 13-2-8 1.5X4 III 3×4 // H13A) 26-5-0 Over BULLDING 7 X 6 ≡ 5 X 4 == 2 Supports RESPONSIBILITY OF Wind reactions based on MWFRS pressures 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw-1.00 GCpi(+/)=0.18 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. 7.36.0424 3X4// 1.5X4 III 13-2-8 3-2-8 SONAL ENGINEE STATE O 3 X 4 ₩ \* 6 R-1183 U-112 W-3.5" BC LL BC DL TC DL TC LL DUR.FAC. TOT.LD. 3X6(A1) ₩ FL/-/4/-18 2 /E/R/ 40.0 PSF 10.0 PSF 20.0 PSF 10.0 PSF 1.25 0.0 PSF remember and the state of the s FROM SEQN-DATE REF 8 0 0 HC-ENG DRW HCUSR8228 07302040 Scale = .25"/Ft. R8228 43467 JB/AP 24007 10/29/07

SPACING

24.0"

JREF -

ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0 778 Calculated horizontal deflection is 0.17" due to live load and 0.27" due to dead load. Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 PLT TYP. (7 310 Cason Construction MATT CASON ALPINE Wave 1-6-0 3X6(A1) ≤ R=1200 U=113 W=3.5" \*\* IMPORTANT\*\*INHISH A COPY OF HIS DESIGN TO THE INSTALLATION CONTRACTOR THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN, FOR TAILURE TO BHILLD THE TRUSS IN COMPORMANCE WITH PILE OR TABRICATING, HANDLING, SHIPPING, INSKALLING A BRACLING OF IRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MIS (MAIDNAL DESIGN SPEC, BY ALRAY AND PIL STORMS OF THE APPLICABLE PROVISIONS OF MIS (MAIDNAL DESIGN SPEC, BY ALRAY AND PIL PROVISIONS OF MIS (MAIDNAL DESIGN SPEC, BY ALRAY AND PIL SPECIAL OF THE APPLY PLATES TO EACH FACE OF TRUSS AND, UNILSS OTHERNISE, LOCATED ON HIS DESIGN, POSITION FER BRAHMES 160A Z. ANY INSPECTION OF PALES TOLLOWED BY (1) SHALL BE FER ANILY AT OF THE ZOOZ SEC. 3. A SEAL ON THIS DESIGN SHOWN OF THE SHEET AND THE SHEET ABLED TO SEAL OF THE SOOZS SEC. 3. A SEAL ON THIS DESIGN SHOWN. THE SHIFT ABLED HES COMPORED TO SEAL OF THE SOOZS SEC. 3. A SEAL ON THIS DESIGN SHOWN. THE SHIFT ABLED HES COMPORED TO SEAL OF THE SOOZS SEC. 3. A SEAL ON THIS DESIGN SHOWN. THE SHIFT ABLED HES COMPORED TO SEAL OF THE SOOZS SEC. 3. \*\*WARNING\*\* IRUSSÉS REDUIRE EXTRIPT CARE IN FARRICATION, INANDELHG, SHIPPING, INSTALLING AND BRACING RETER TO BEST. (BUILDING COMPONENT SACELY INFORMATION), PHBH ISIND BY FET (FRUSS PLATE INSTITUTE, 719 HORAL LEE STREET, SUITE 332, ALEXANDRAIN, VA. 22314) AND META (ADDO TRUSS COUNCILS OF MARBICA, 6300 ENTERPRISE LANE, MADISON, HI 53719) FOR SAFELY PRACTICES PRIOR TO PREFORMING THESE FUNCTIONS. UNLESS OFHERMISE INDICATED FOR DEBOS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED REGION OF THE PROPERLY ATTACHED REGION CHORD SHALL HAVE 6 3×4∥ Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) -13 - 21.5X4 III \* 3×4/ ۵ AV1) 26 -5-0 0ver 4X6(R) Ⅲ 7 X 6 = 2 Supports 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/ $^{\prime}$ )=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 1.5X4 III 13-2-8 CORIOR TATE OF 3×4₩ Φ SPACING R=1093 U=94 W=3.5" BC LL BC DL DUR.FAC. TC DL TC LL TOT.LD. FL/-/4/-3X6(A1) ■ /E/R/ 40.0 10.0 PSF 20.0 PSF 1.25 10.0 PSF 0.0 PSF PSF FROM DATE REF SEQN-DRW HCUSR8228 07302041 HC-ENG Scale = .R8228- 43468 JB/AP 24021 10/29/07 .25"/Ft.

24.0"

JREF-

(7-310-Cason Construction MATT CASON \* AV4)

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

Calculated horizontal deflection is 0.14" due to live load and 0.22" due to dead load.

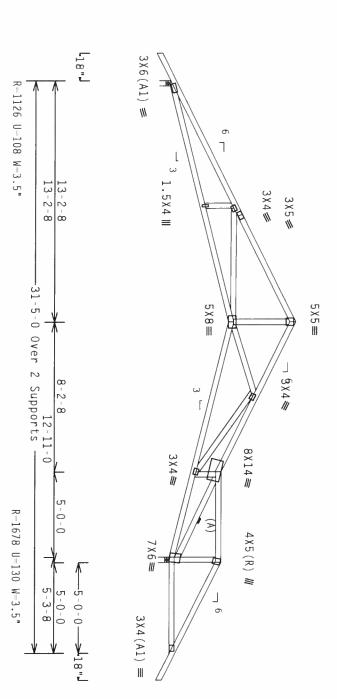
In lieu of structural panels use purlins to brace all flat TC  $24\mbox{\ensuremath{^{\circ}}}\ 0\text{C}.$ 

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

(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.



\*\*WARNING\*\* TRUSSES REDUTRE EXTREME CARE IN FARRICATION, MANDLING, SHIPPING, INSTALLING AND BRACING RETER TO BEST. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BRY FFI (TRUSS FLATE INSTITUTE, 218 MORTH LET STREET, SUITE 132. ALEXANDRA, V.A., 22314) AND MICA (MOND TRUSS COUNCIL OF AMERICA, 6300 EULERPRISE LAUE, MADSON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PREFORMING HE'ST FUNCTIONS. BHICA CONTROL OF MORE SAFETY PRACTICES PRIOR TO PREFORMING HE'ST FUNCTIONS. BHICASON BRITCH HAVE A PROPERTY ATTACHED STRUCTURAL PARELS AND BRITCH CHORD SHALL HAVE A PROPERTY ATTACHED REGION SHALL HAVE PROPERTY ATTACHED STRUCTURAL PARELS AND BRITCH CHORD SHALL HAVE

Design Crit:

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

/10(0)

Scale =.1875"/Ft.

PLT TYP.

Wave

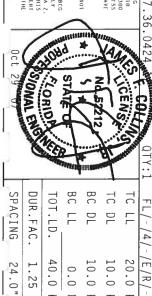
\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BEGG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BHILD THE TRUSS IN COMPORANCE WITH FPI; OR FARRICATION, ANDLUGABLE PROVISIONS OF THIS DESIGN FOR TRUSSES.

DESIGN COMPORTS WITH APPLICABLE PROVISIONS OF THIS GRAIN SEC, BY AREA'N, AND TPI.

CONNECTION PALES ARE MADE OF 20/10/106A (M.H/SS/K), ASTA A653 GRADE 40/60 (M.K./M.SS) GALV SITEL APPLY PLATES TO LACH FACE OF TRUSS AND. UNLESS OTHERS THE LOCATED ON THIS DESIGN, POSITION PER DRAWNES 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TPI1 2002 SEC 3. A SEAL ON THIS DESIGN, AND THIS DESIGN, ASTA AND THIS DESIGN, ASTA ON THIS DESIGN AS SEAL ON THIS DESIGN, ASTA ON THIS DESIGN, THE THIS COOPPORENT OF THE DESIGN AS SEAL ON THIS DESIGN AS SEAL ON THE THIS DESIGN. DESIGNER PER ANSI/TPI I SEC

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

ALPINE



40.0 10.0 10.0 PSF 24.0" 1.25 0.0 PSF PSF PSF PSF JREF -DATE REF FROM SEQN-DRW HCUSR8228 07302042 HC-ENG R8228- 43469 1TC08228Z06 JB/AP 24034 10/29/07

Top chord 2x4 SP 1 Bot chord 2x4 SP 1 Webs 2x4 SP 1 (7-310-Cason Construction #2 Dense #2 Dense #3 MATT CASON AV5)

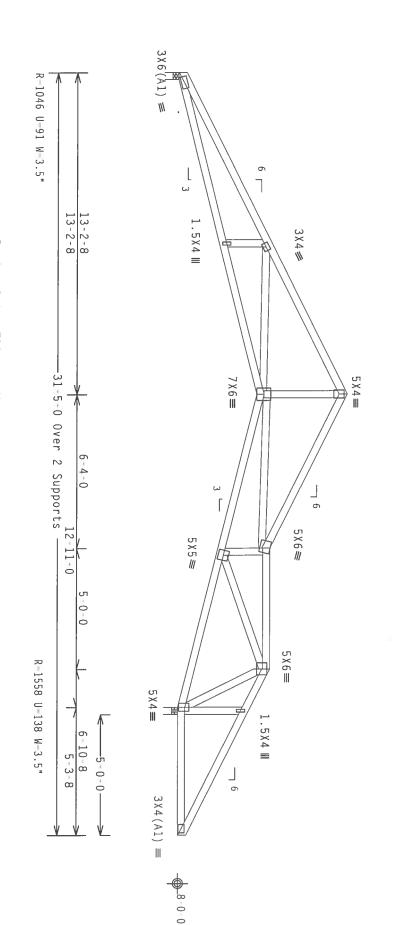
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/)=0.18

Wind reactions based on MWFRS pressures

In lieu of structural panels use purlins to brace all flat  $24\mbox{\ensuremath{^{\circ}}}\ 0\mbox{\ensuremath{^{\circ}}}\ .$ TC

Calculated horizontal deflection is 0.13" due to live load and 0.21" 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 REQUIRE CEPTINE CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST (BULLDING COMPONENT SAFET FURDANCING), PUBLISHED BY TEL (TRUSS PLATE INSTITUTE, 219 MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22313) AND MICA (MODOD TRUSS COUNCIL OF AMERICA, 6300 CHITEPRISE LANE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OFHERMISE HOLDS AND MORE SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OFHERMISE HOLDS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

7.36.0424

/E/R/

Scale = .25"/Ft.

R8228- 43470

10/29/07

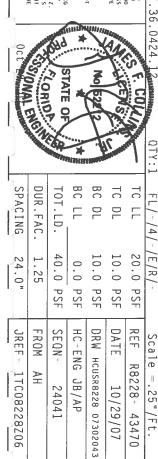
PLT TYP.

Wave

\*\*IMPORTANT\*\*FURDISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BGG, ING. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN TO HEVE FOR THE FRUSS IN COMPORNANCE WITH IP: OR FARRICATIOG, NAMPLICA, SHIPPIG, HISTALLING A BRACING OF TRUSSES. DESIGN CONTRONS OF THE PROPERTY OF THE BUILDING DESIGNER PER ANSI/TPI I SEC.

ITW Building Components Group, Inc. Haines City, FL 33844 FL Continue of Authoritation # 0 770

ALPINE



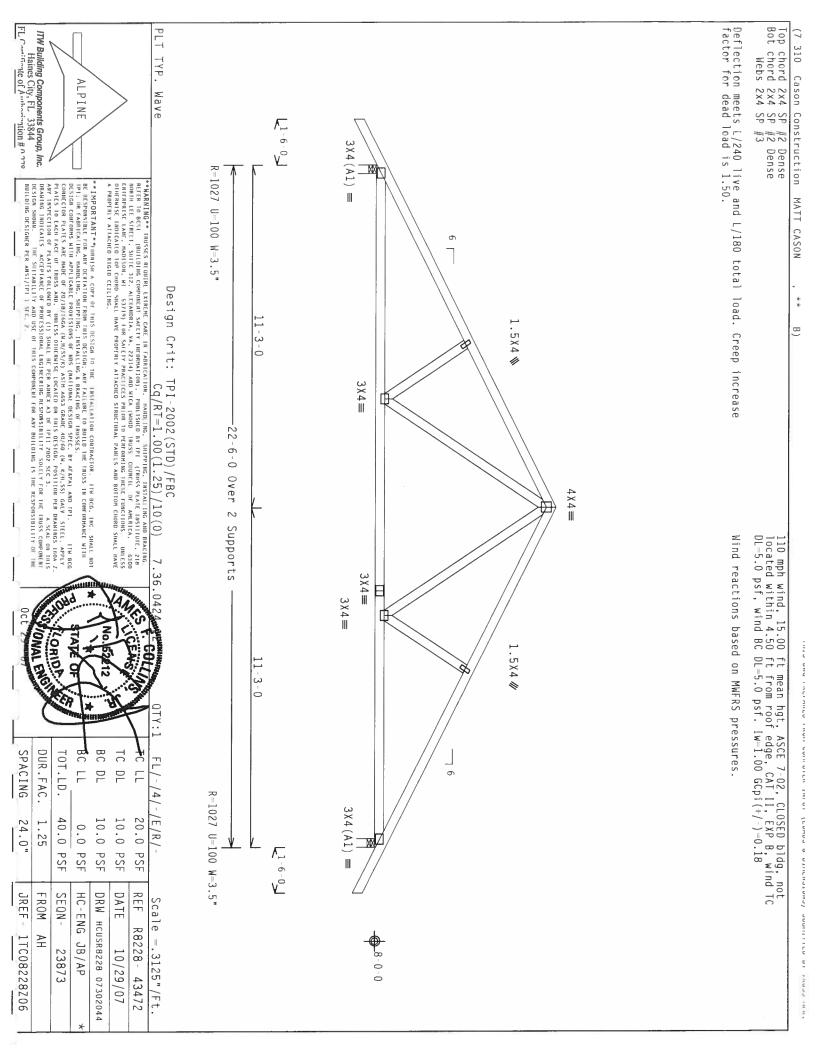
JB/AP

24041

Top Bot ITW Building Components Group, Inc. Haines City, FL 33844 FL Cartificate of Authorization # 0 270 110 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 notched. Truss spaced at 24.0" OC designed to support 1-0-0 top chord Cladding load shall not exceed 10.00 PSF. Top chord must not Wind reactions based on MWFRS pressures. Deflection meets L/240 live and L/180 for dead load is 1.50. Note: All Plates SEE DRW HCUSRO01 02086012 FOR GABLE DETAILS See DWGS All015EE0207 & GBLLETIN0207 for more requirements. MEMBER TO BE LATERALLY BRACED FOR WIND PERPENDICULAR TO TRUSS. BRACING SYSTEM BE DESIGNED AND FURNISHED BY OTHERS. 310 chord chord 2x4 SP #2 I chord 2x6 SP #2 Webs 2x4 SP #3 TYP. -Cason Construction MATT CASON ALPINE Wave 1-6-0 V Dense :T2, T5 2x6 SP #2: Are 1.5X4 Except As Shown. 3X8(A1) =6 R = 1535\*\*IMPORTANT\*\*GURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR THE MCG. THE SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN, ANY FALIURE TO BUILD HE RUSS IN CONTRRHANCE WITH IP: OR FARETAVILLE, INNOLLING, INSTALLING & BRACING OF THUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HOS (MATIONAL DESIGN SPEC, BY AFAPA) AND IPI.

CONNECTOR PLATES ARE MADE OF ZO/18/16GA (4.1/55/K) ASTH A653 GRADE 40/56 (4. K/M,SS) GALV. SIELEL APPLY PLATES TO EXCENT FACE OF THIS SAME AND THE SECOND OF THIS DESIGN FOR THE APPLICABLE PROVISIONS OF THIS SOURCE APPLY PLATES THE APPLICABLE OF THE MESSAGE OF THIS DESIGN FOR THE APPLY AND THE ARE MADE OF ZO/18/16GA (4.1/55/K) ASTH A653 GRADE OF THIS DESIGN FOR THIS DESIGN FOR THE APPLY AND THE ARE MADE OF ZO/18/16GA (4.1/55/K) ASTH A653 GRADE OF THIS DESIGN FOR THIS DESIGN FOR THE APPLY AND THE AP DESIGN SHOWN. THE SUITABILITY AND USE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL A PROPERLY ATTACHED RIGID CEILING -0-0 U = 2487 X 8 ≡ total load. Creep increase factor <u>=</u> 3 LOADS TO 3 X 4 ≡ Design Crit: H3B) 90 + outlookers be cut or -3-0 TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/ 4 X 8 ≡ 22-6-0 0ver 3×4 Ⅲ  $4 \times 4 =$ /10(0)2 1-9-0 Supports TC - From 62 PLF at -1.50 to 62 PLF at 3.00
TC - From 62 PLF at 3.00 to 62 PLF at 24.00
TC - From 62 PLF at 3.00 to 62 PLF at 24.00
TC - From 62 PLF at 19.50 to 62 PLF at 24.00
BC - From 62 PLF at 2.50 to 62 PLF at 22.50
BC - From 20 PLF at 22.50 to 20 PLF at 22.50
BC - From 20 PLF at 22.50 to 4 PLF at 22.50
PLT - 126 LB Conc. Load at (3.00.9.80), (19.50.9.80)
PLT - 62 LB Conc. Load at (5.06.10.51), (7.06.11.51), (9.06.12.51)
PLB - 63.51), (11.44.3.51), (13.44.12.51), (15.44.8.04), (19.68.04), (11.06.8.04), (11.44.8.04), (13.44.8.04), (15.44.8.04), (17.44.8.04) 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. SPECIAL In lieu of structural panels use purlins to brace all flat TC @ 24" OC 4 X 4 ≡ 3 X 4 ≡ 7 X 8 = BOUR.FAC.
62 PLF at
62 PLF at
62 PLF a
4 PLF a
20 PLF a J 5 CORIOR -10-36 3 X 4 ≡ 7 X 8 # SPACING TC LL BC LL BC DL TC DL DUR.FAC. TOT.LD. FL/-/4/-3-0-0 =1535 U=248 W=3.5" 3X8(A1 40.0 10.0 20.0 /E/R/-24.0" 10.0 PSF 1.25 0.0 PSF PSF PSF PSF **L**1-6-0 JREF-FROM SEQN-DATE REF HC-ENG DRW HCUSR8228 07302069 Scale =.3125"/Ft. R8228-1TC08228Z06 JB/AP 10/29/07 24117 43471



Top chord 2x4 SP / Bot chord 2x4 SP / Webs 2x4 SP / ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0 278 PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is  $1.50\,.$ (7-310--Cason Construction MATT CASON ALPINE Wave K1-6-0 #2 Dense #2 Dense #3 3X4(A1) =R=1031 U=101 W=3.5" \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY TAILINE TO BUILD THE TRUSS IN COMPORMANCE WITH THE TO EACH CONTRACTOR. THE TRUSS IN T \*\*WARNING\*\* INUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING. RETER TO BEST (BUILDING COMPORED SAFETY IN ORBALION), PUBLISHED BY FIP! (TRINS PLAIE INSTITUTE, ZIB HORTH LEE STREET, SUITE 312. ALEXANDRIA, VA, 223-231) AND MICHA (MODO TRUSS COUNCEL DE AMERICA, 6300 ENLERPRISE LANE, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR IN PERFORMING HEST TWICTIONS. UNICESS OHIERMISE INDICATED INFO CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. BUILDING DESIGNER PER ANSI/IPI I SEC 6 Design Crit: \* 11 - 3 - 01.5X4 / B1) TPI-2002(STD)/FBC Cq/RT-1.00(1.25)/10(0) 3 X 4 ≡ 22-6-0 0ver  $4 \times 4 =$ 2 Supports Wind reactions based on MWFRS pressures 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18  $3 \times 4 \equiv$ 3 X 4 ≡ TATE OF 1.5X4 // 11 - 3 - 09 SPACING BC LL BC DL TC DL TC LL DUR.FAC. TOT.LD. FL/-/4/-/E/R/-R=923 U=81 3X4(A1) =40.0 PSF 10.0 PSF 24.0" 1.25 20.0 PSF 10.0 PSF 0.0 PSF W=3.5 " JREF -FROM DATE REF SEQN-HC-ENG JB/AP DRW HCUSR8228 07302045 Scale = .3125"/Ft. 8-0-0 R8228-1TC08228Z06 23878 10/29/07 43473

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP ITW Building Components Group, Inc. Haines City, FL 33844 FL Cartificate of Authorization # 0 770 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 all flat TC 24" OC. (7 310 Cason Construction MATT CASON ALPINE Wave V-9-6-0 #2 Dense #2 Dense #3 3X4(A1) =R-1037 U-94 W-3.5" \*\*IMPORTANT\*\*FURMISH A COPY OF THIS DESIGN 10 THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; THE TRUST IN COMPORNANCE WITH IP: OR FARRICALING, MENDING, SHEPING, INSTALLING A BRACING OF FRUSSES, DESIGN CONTRONS OF THE PILCARLING PROPERTY OF THE PILCARLING PROPER \*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FARRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING RETER TO RESE! (BUILDING COMPORENT SAFETY INFORMATION), PUBLISHED BY TPT (TRUSS PLATE INSTITUTE, ZIB MORTH HEE STREET, SUITE JIZ ALEXANDREA, NA, 22314) AND HICAC (MORD TRUSS COUNCEL OF AMERICA, 6300 CHITCEPRISE LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HIES TUNCTIONS. UNLESS OTHERMISE INDICATED TO REMORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE APROPERLY ATTACHED NIGHT OF CHORD SMALL HAVE BUILDING DESIGNER PER ANSI/IPI I SEC. 6 Design Crit: 11-3 1.5X4 Ⅲ B2) 3X4 // 0 TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 22-6-0 Over 4 X 8 ≡ 4 X 4 = Ν Supports 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 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 0-0 6 5X5 3 X 4 ≡ 3 X 4 ≡ CORIO 8-3-0  $3 \times 4 \equiv$ BC LL BC DL TC DL TC LL DUR.FAC. TOT.LD. FL/-/4/-916 U=98 /E/R/-40.0 PSF 10.0 PSF 20.0 PSF 1.25 10.0 PSF 1.5X4 W 0.0 3 X 4 ≡ PSF W = 3.5"service or service or success FROM SEQN-DATE REF HC-ENG DRW HCUSR8228 07302046 Scale = .3125"/Ft. 8 0 0 R8228- 43474 JB/AP 23883 10/29/07

SPACING

24.0"

JREF -

Haines City, FL 33844
FL Confirmate of Anthonization # 0 778 In lieu of structural panels use purlins to brace all flat TC @  $24\mbox{\ensuremath{^{\circ}}}$  0C. Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 PLT TYP. (A) Continuous lateral bracing equally spaced on member. ITW Building Components Group, Inc. (7 310 Cason Construction ALPINE Wave **1**-6-0 3X4(A1) ≡ R=1037 U=97 W=3.5" \*\*IMPORTANT\*\*TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR THE BCG. THE SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM THE DESIGN. ANY FALLURE TO BHILD THE TRANS. IN COMPORABLE HITH PI TO BE FARREAGTING, MANDLIGS, SHEPPING, INSTALLING A BRACHEG OF TRANSES. WAIRAY, AND FELLOWING THE DESIGN CONFIDENCE HITH APPLICABLE PROPYSIONS OF HIDS (MATIONAL DESIGN SPEC, BY ALARY) AND FELLOWING THE APPLICABLE PROPYSIONS OF HIDS (MATIONAL DESIGN SPEC, BY ALARY) AND FELLOWING THE APPLICABLE TO TAKE ARE AND OF POLICES FOR QUANTIES HE COLOR FOR THE SHEET AND SHITLED APPLICABLE TO TAKE ARE AND OF POLICES FOR THE DESIGN AND HITS OFFICE AND SHITLED AND \*\*WARNING\*\* IRUSSES REQUIRE EXIREME CARE IN FARRICATION, MANDELING, SHIPPING, INSTALLING AND BRACING. RETER TO BEST (BUILDING COMPONENT SALETY INFORMATION), PUBLISHED BY THE (TRUSS PLATE INSTITUTE, ZIB MORTH LEE SREIT, SUITE 137, ALEXANDRIA, VA, 22314) AND MICKA (MODO TRUSS COUNCIL OF AMERICA, 6300 CHIEGRASS (AME, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERCORMING THESE THREITONS. UNICESS OTHERWISE INDICATED FOR CHORD SHALL HAVE PROPERLY ATTACHED RIGHD CELLING. BUILDING DESIGNER PER ANSI/TP1 1 SEC MATT CASON σ Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) \* 1.5X4 III 3×4/ 22-6-0  $4 \times 4 =$ Over 4 X 8 ≡ 2 Supports 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. 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 5X5# 7.36.042 3 X 4 ≡ 0-0  $\widehat{\geq}$ 4X5(R) # 4 X 8 ≡ BC LL SPACING BC DL TC DL DUR.FAC. TOT.LD. FL/-/4/-3-3-0 6 R=916 U=93 W=3.5" 40.0 20.0 /E/R/ 10.0 PSF 1.5X4 W 24.0" 1.25 10.0 PSF 0.0 W d PSF PSF PSF 2.5X6 DATE JREF-FROM SEQN-DRW HCUSR8228 07302047 HC-ENG Scale =.3125"/Ft. R8228- 43475 1TC08228Z06 JB/AP 23888 10/29/07

ITW Building Components Group, Inc. Haines City, FL 33844 FL Cartifacte of Amharization # 0 779 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 In lieu of structural panels use purlins to brace all flat TC @  $24\mbox{\,"}$  OC. PLT TYP. (7 310 Cason Construction MATT CASON ALPINE Wave 1-6-0 V  $3X4(A1) \equiv$ R=1037 U=98 W=3.5" \*\*IMPORTANT\*\*TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR THE BEG. THE SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION PROB. THIS DESIGN, ANY FAILURE TO BHILD THE TRUSS IN COMPORMANCE WITH PLIC OR FAREFACTING, MANUFACTING, SHAPPING, THIS ALLING A BRACHIGO OF TRUSSES, WARRAND AND PLICABLE PROVISIONS OF HIS SCHOOL OF TRUSSES, WARRAND AND PLICABLE PROVISIONS OF HIS SCHOOL OF THE SCHOOL OF WARRAND AND PLICABLE PROVISIONS OF HIS SCHOOL OF THE SCHOOL OF WARRAND AND PLICABLE PROVISIONS OF HIS SCHOOL OF THIS DESIGN FOR THE PROVISION OF THIS DESIGN AND THE PROVISION OF THIS DESIGN AND THE PROVISION OF THIS DESIGN AND THIS DESIGN AND THE PROVISION OF THIS DESIGN AND THE PROVISION OF THIS DESIGN AND THIS DESIGN AND THE THIS DESIGN AND T \*\*MARNING\*\* IRUSSES MIQUIRI EXTREME CARE IN FARRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING METER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PHBLISHED BY THE (TRUSS PLATE INSTITUTE, ZIB MORTH LEE STREET, SUIFE 127. ALEXANDRIAL, WA, 22214) AND MICHA (MODD TRUSS COUNCIL BY AHEREA, 6300 CHIEBERISE LUNE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HIEST GUILDING. MULESS OFHICHISE HIEST HODGE SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAHELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED BIGID CELLING. BUILDING DESIGNER PER ANSI/TPI I SEC 6 Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) \* 11 - 3 - 81.5X4 III B4) 3X4 // 22-6-0 BUILDING Over 2 Supports 5 X 4 ≢ 4 X 8 ≡ Right end vertical not exposed to wind pressure 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Wind reactions based on MWFRS pressures 3 X 4 ≡ 6-11-0 4 X 8 ==  $3 \times 4 \equiv$ BC LL BC DL SPACING TC DL TC LL DUR.FAC. TOT.LD. FL/-/4/-4-3 R=916 U=93 W=3.5" œ /E/R/ 20.0 40.0 PSF 10.0 PSF 1.5X4 W 24.0" 1.25 10.0 PSF 3X4 // 0.0 \_₩-PSF PSF JREF-REF FROM DATE SEQN-DRW HCUSR8228 07302048 HC-ENG Scale = .3125"/Ft. 8-0-0 R8228- 43476 1TC08228Z06 JB/AP 10/29/07

ITW Building Components Group, Inc. Haines City, FL 33844 FL Cartiffante of Authorization # 0 270 PLT 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 @  $24\ensuremath{\text{"}}\xspace$  0C. Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 (7 310 Cason Construction MATT CASON TYP. ALPINE Wave K1-6-0 3X4(A1) =R=1037 U=96 W=3.5' \*\*IMPORTANT\*\*\*(URMISH 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 BHILD THE TRUSS IN COMPORMANCE WITH PIE OR FARREATHING, HANDLING, SHIPPING, HISTALLING & BRACHEN OF TRUSSES.

DESIGN CONFORMS WITH APPLICANCE PROVISIONS OF THIS CALL OF TRUSSES.

DESIGN CONFORMS WITH APPLICANCE PROVISIONS OF THIS CALL OF THE SECOND SEC. SHEET. APPLY BCG COMMECTOR PLATES ARE HADE OF TRUSS AND. HALES OUTHERS CHARLES CONTRACT OF TRUSS AND. HALES OUTHERS CONTROL ON THIS DESIGN, POSITION PER DRAWLING SIGN A.Z. ANY HASPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANNEX AS OF TPIJ 2002 SEC. 3. A SEAL ON THIS BESIGN SEC. SHEET AND ANY HASPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANNEX AND SHEET AND SHEET THES CORPORATION OF THE BUSSES COMPONENT OF THE SECOND SHEET THES CORPORATION OF THE SHEET AND SHEET THE SECOND OF THE SHEET AND SHEET THES CORPORATION OF THE SHEET CORPORATION OF THE SHEET AND SHEET THE SHEET AND SHEET THE \*\*MARNING\*\* IRUSE'S REQUIRE EXTREME CARE IN FARRICATION. MANDLING. SHIPPING, INSTALLING AND BRACING RETER TO BEST. (BULLOING COMPONENT SACETY INFORMATION), PUBLISHED BY THE (IRUSS PLATE INSTITUTE, 218 MORTH LE SIREET, SUITE 312. ALEXANDRIA, VA. 22-214) AND MICHA (MODO IRUSE COUNCIL DE AMERICA. 6300 INTERPRISE LANE, MADISON, HE 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNICESS OFFICENCY IN COMPONENTS INTO CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHT DEFENDED SHALL HAVE A PROPERLY ATTACHED RIGHT DEFENDED SHALL HAVE DESIGN SHOWN. THE SUITABILITY AND BUILDING DESIGNER PER ANSI/TPI I SEC. Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 3×4 // 85) 1.5X4 Ⅲ 3-3-8 3×4 / 22-6-0 Over 2 Supports Right end vertical not exposed to wind pressure. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 Wind reactions based on MWFRS pressures 4 X 5 ≡ 4 X 8 ≡ 3 X 4 ≡ 2-11-0 4 X 8 ≡ CORION 3 X 4 ≡ 6-3-8 BC LL BC DL SPACING TC DL DUR.FAC. TC LL TOT.LD. FL/-/4/-R=916 U=90 1.5X4 Thouse a printing continue of these to the 24.0" 40.0 1.25 10.0 PSF 20.0 PSF 10.0 PSF 3×5// 0.0 PSF \_ M 🕸 PSF ±3.5° JREF-FROM REF SEQN-DATE HC-ENG JB/AP DRW HCUSR8228 07302049 Scale = .3125"/Ft. R8228- 43477 1TC08228Z06 10/29/07 23900

Top chord 2x4 SP # Bot chord 2x4 SP # Webs 2x4 SP # ITW Building Components Group, Inc. Haines City, FL 33844
FL Cariffyale of Authorization # 0 770 In lieu of structural panels use purlins to brace all flat TC @  $24\mbox{\ensuremath{^{\circ}}\xspace}$  0C. PLT TYP. (A) Continuous lateral bracing equally spaced on member 310 Cason Construction MATT CASON ALPINE Wave 1-6-0 #2 Dense #2 Dense #3 3X4(A1) =R=1037 U=87 W=3.5" \*\*\*IMPORTANT\*\*TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE REG. THE, SHALL NOT BE RESPONSIBLE TOR NAW DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPORANCE WITH PE: OR FARRICATIO, ANDULING, SHEPPIG, INSTALLING A BRACTING OF TRUSSES, OR ATRA AND TEL. IN RECECTION CONTROL OF TRUSSES, OR ATRA AND TEL. THE RECONSTRUCTOR PAIRS ARE MADE OF 20/10/10/06, (H.J. 15%) AND TEL. APPLY PLATES TO CACH FACE OF TRUSS AND, UNLESS OFFERNING THE THIS DESIGN, PSYL POLITICAL OF PAIRS ARE MADE OF PAIRS FOLICATION FOR THE TRUSS OFFERNING THE TR \*\*MARNING\*\* TRUSTES REQUIRE EXTREME CARE HE FARRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST. (BUILDING COMPONENT SACELY LIMOMANION). PUBLISHED BY THE (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREFT, SUITE 1127, ALEXANDRAIA, NA, 22214) AND METCA (MODO TRUSS COUNCIL OF AMERICA. 6300 INTERREST LAWE, MADISON, HE 53719) FOR SACETY PRACTICES PAIGR TO PERFORMING HEST FUNCTIONS. MILES OTHERWISE INDICATED TO PERFORMING HEST FUNCTIONS. MILES OTHERWISE INDICATED TO PERFORMING HEST FUNCTIONS. MILES OTHERWISE INDICATED TO PERFORMING HEST FUNCTIONS MALE HAVE A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE BUILDING DESIGNER PER ANSI/TPI | SEC 6 Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)B6) 1.5X4 III 14-9-0 5 X 4 🕼 22-6-0 0ver  $\Xi$ 2 Supports 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 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/)=0.18 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. 7.36.042 3X4 =4 X 4 == 0ct 4 X 8 ≡ 4-5 å 6 5 X 5 # 3 X 4 ≡ BC LL BC DL SPACING TC DL TC LL DUR.FAC. TOT.LD. FL/-/4/-/E/R/ 3-3-8 =916 U=99 40.0 10.0 PSF 20.0 PSF 24.0" 10.0 PSF 1.5X4 1.25 3 X 4 ≡ 0.0 PSF \_₩₫ PSF W = 3.5 " JREF -FROM DATE REF SEQN-DRW HCUSR8228 07302050 HC-ENG Scale =.3125"/Ft. 0-0 R8228- 43478 1TC08228Z06 JB/AP 23908 10/29/07 G 15

Top chord 2x4 SP 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  $1.50\,.$ In lieu of structural panels use purlins to brace all flat TC  $24\ ^{\circ}$  OC. ITW Building Components Group, Inc.
Haines City, FL 33844
FL Conditioning of Authorization # 0 270 (7-310 Cason Construction MATT CASON TYP. ALPINE Wave K1-6-0 #2 Dense #2 Dense #3 3X4(A1) =R=1035 U-82 W=3.5 \*\*IMPORTANT\*\*FIRMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE RGG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH FILE OR FLAREACTING, HANDING, SUPPING, HISTALLING A BRACHE OF TRUSSES.

DESIGN CONTROWS WITH APPLICABLE PROPYISINGS OF HOS (MALIONAL DESIGN SPEC, BY ATRA) AND FIL. IT BEGCONNECTOR PLAITS ARE HAND OF ZOTAD FROM ANY STREAM PLAINS OF THE TRUSS COMPONENT OF THE TRUSS CO \*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FADRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING CHMPORENT SAFLTY INFORMATION), PUBLISHED BY TPT (TRUSS PLAIF INSTITUTE, 218 HORTH LEE STREET, SUITE 127. ALEXANDRAL, NA, 223.14) AND MICHA (HOOD TRUSS COUNCEL OF AMERICA, 6300 CHIFERPRISE LIME, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HISSE THUCTIONS. UNILSS OTHERWISE HOUSEALDED FOR FORDERLY ATTACHED STRUCTURED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED RIGID CELLING. BUILDING DESIGNER PER ANSI/TPI I SEC. 6 Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 87) 1.5X4 III [4 - 0 - 0]5 X 4 // 22-6-0 0ver 2 3 X 4 ≡ Supports 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 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 4X5≡ 4X8≡ 4 X 8 ≡ 6  $3 \times 4 \equiv$ 0 1-8 8 6 3 \ 4 ≡ 5X5# BC LL BC DL enin mitti tetal fenuna a mintuainal annittica ni inter titte TC DL TC LL DUR.FAC. TOT.LD. ഗ FL/-/4/-/E/R/ w 8 R-916 U-108 40.0 10.0 PSF 10.0 PSF 20.0 PSF 1.5X4 1.25  $3 \times 4 =$ 0.0 PSF MX PSF W=3.5" FROM SEQN-DATE REF DRW HCUSR8228 07302051 HC-ENG Scale = .3125"/Ft. 8-0-0 R8228-JB/AP 23913 10/29/07 9 5 15 43479

BUILDING

SPACING

24.0"

JREF-

ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0 778 Top chord 2x4 SP #2 Dense 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  $1.50\,.$ In lieu of structural panels use purlins to brace all flat TC @  $24\,\text{{\tt ''}}$  OC. PLT TYP. (7 310 Cason Construction MATT CASON ALPINE Wave **1**-6-0  $3X4(A1) \equiv$ R=1037 U=86 W=3.5" \*\*IMPORTANT\*\*THRRISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEPLATION ENHISHED IN EACH TRANSLED FOR CONTRACTOR. AND LICE OF THE TRANSLED FOR THE TRA \*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FARRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING RETER TO BEST. (BUILDING COMPORTED SAFLEY INFORMATION), PUBLISHED BY TIPI (TRUSS PLAIE INSTITUTE, ZIB HORTH LEE SHEET, SUITE LIZA ALEXANDRAL, NA, AZJAJA AND HICA (MODD TRUSS COUNCEL OF AMERICA, 6300 CHIERPRISE LAME, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE THUGITONS, UNICESS OTHERHISE HOLD CALED FOR CHORD SMALL HAVE PROPERLY ANTACHED RECORDS SAFETY PROPERLY ANTACHED RECORDS SMALL HAVE PROPERLY ANTACHED SMALL HAVE PROPERLY ANTACHED RECORDS SMALL HAVE PROPERLY ANTACHED RECORD DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMP BUILDING DESIGNER PER ANSI/IPT 1 SEC. 2. σ Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) \* B8) 12-0-0 1.5X4 III 3×4/ 22 2-6-0 0ver 2 Supports  $3X4 \equiv$ 5 X 6 **■** Right end vertical not exposed to wind pressure. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Wind reactions based on MWFRS pressures. 7.36.042 3 \ 4 ≡ CORIOR ME 1.5X4 **Ⅲ** 10-6-0 4×8≡ BC LL TC DL בכ רר DUR.FAC. TOT.LD. DL R=916 U=111 W=3.5" 40.0 1.25 1.5X4 III 10.0 PSF 10.0 PSF 20.0 PSF 3 X 4 ≡ 0.0 PSF 网中 PSF DATE FROM SEQN-DRW HCUSR8228 07302052 HC-ENG Scale = .3125"/Ft. R8228- 43480 JB/AP 23918 10/29/07 9

SPACING

24.0"

JREF -

Top chord 2x4 SP # Bot chord 2x4 SP # Webs 2x4 SP # ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Amhorization # 0.278 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 all flat TC @  $24\mbox{\ensuremath{^{\circ}}}$  OC. (7-310--Cason Construction MATT CASON ALPINE Wave #2 Dense #2 Dense #3 3X4(A1) =R=1037 U=90 W=3.5" \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN 10 THE INSTALLATION CONTRACTOR. THE BCG, TRC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, FAILURE ID BUILD THE BUSS IN COMPORMANCE WITH IP): OR FARREACHING, MANDLING, SHAPPING, INSTALLING A BRACING OF TRUSSES.

DESIGN CONTREMS WITH APPLICABLE PROVISIONS OF DUS (MATIONAL DESIGN SECE, BY AREA) AND IP). THE BCG CONNECTOR PLATES ARE HADE OF 20/18/16/36 (M.H/SS/R) ASTH A653 GRADE 40/60 (M. K/M.SS) GALV. SICETA APPLY PLATES TO EACH FACE OF TRUSS AND. UNICSS OHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAHIGIS SEAD.

ANY THIS POLICE ACCEPTANCE OF PROFESSIONAL INCIDITER FOR RESPONSIBILITY SOLICY FOR THE TRUSS COMPONENT DRAHIGIS INDICATED ON THIS DESIGN SECONDOLUTION OF PLATES FOLLOWED BY (I) SHALL BE FER ANNEX A) OF THIS SOLICY FOR THE TRUSS COMPONENT DRAHIGIS INDICATED AND THE SOLICY FOR THE TRUSS COMPONENT DRAHIGIS INDICATED AS SEAD OF THE SOLICY FOR TH \*\*HARNING\*\* IRUSSES REQUIRE EXTREME CARE IN FARRICATION, INARDELING, SHIPPING, INSTALLING AND BRACING, RECER TO BEST. (BULLOING COMPONENT SAFETY INFORMATION), PUBLISHED BY TET (TRUSS PLATE INSTITUTE, 218 10814 LEE STREET, SUITE 137, ALEXANDRIA, VA. 22314) AND NICA (MODED TRUSS COUNCIL OT AMERICA, 6300 ENTERPRISE (ANE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING INESE FUNCTIONS. UNITESS OBJECTABLE INFORMATION OF THE PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE BUILDING DESIGNER PER ANSI/IPT 1 SEC σ Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 1 - 3 - 01.5X4 III 89) 3X4 // 22-6-0 0ver 4 X 8 ≡  $4 \times 4 \equiv$ 2 Supports 0 6 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 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 5 X 5 # 7.36.042  $3 \times 4 \equiv$ OSIONAL ENGINEE 1.5X4 III 4 X 8 ≡ 10-0-0 SPACING BC LL BC DL TC DL TC LL DUR.FAC. TOT.LD. FL/-/4/-/E/R/ =916 U=104 W=3.5™ 40.0 PSF 10.0 PSF 20.0 PSF 24.0" 1.25 10.0 PSF 1.5X4 3 X 5 == 0.0 PSF JREF-DATE REF FROM SEQN-DRW HCUSR8228 07302053 HC-ENG Scale = .3125"/Ft. 0-0-8 R8228- 43481 1TC08228Z06 JB/AP 24057 10/29/07

Top chord 2x4 SP / Bot chord 2x4 SP / Webs 2x4 SP / ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0 778 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 @  $24\ensuremath{^{"}}$  OC. PLT TYP. (7 310 Cason Construction MATT CASON ALPINE Wave **L**1-6-0 #2 Dense #2 Dense #3 3X4(A1) =R=1037 U=93 W=3.5" \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION ROSE THIS DESIGN. ANY FAILURE TO BHILD THE TRUSS IN COMPORNANCE WITH PI: OR FARECKING, MANDLUGG, SHEPPIG, HISTALLING A BRACHING OF TRUSSES. BY AFAPA) AND PI. THE BCG CONTROL OF THE STATE OF THE STAT \*\*WARNING\*\* IRMISSES REQUIRE TXIRLHE CARE IN FARRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING. RETER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PHILLING BY IPI (TRUSS PLATE INSTITUTE, 218 MORTH LEE SREET, SUITE IZZ. ALEXANDRIA, VA. 22214) AND HICA (400D IRMSS COUNCIL OF AMERICA. 6300 INTERPRISE LAME, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TO CHORD SHALL HAVE PROPERLY ATTACHED RIGHD CENERD SHALL HAVE A PROPERLY ATTACHED RIGHD CELLING. 6 SUTTABLLITY Design Crit: \* AND USE OF THIS COMPONENT 11 - 3 - 01.5X4 Ⅲ H118T) 3×4// TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 22-6-0 Over 6 X 8 ≡ 4 X 8 ≡ 2 Supports 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 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 1.5X4 Ⅲ 3-0 1.5X4 ⊪ 0-0-1 7 X 6 ≡ 5 X 5 # CORIOR 8-0-0 1.5X4 III 1.5X4 Ⅲ TC DL BC DL DUR.FAC. TC LL TOT.LD. 屯 FL/-/4/-5 X 8 ≡ R=916 U=96 /E/R/-10.0 PSF 40.0 PSF 10.0 PSF 20.0 PSF 1.25 0.0 3 \ 4 = 3X5≡ PSF W=3.5FROM REF SEQN-DATE HC-ENG DRW HCUSR8228 07302054 Scale = .3125"/Ft. 8-0-0 R8228- 43482 JB/AP 24070 10/29/07

BUILDING DESIGNER PER ANSI/IPI I SEC.

SPACING

24.0"

JREF -

Top chord 2x4 SP | Bot chord 2x4 SP | Webs 2x4 SP | #2 Dense #2 Dense #3 :W10 2x6 SP / #2:

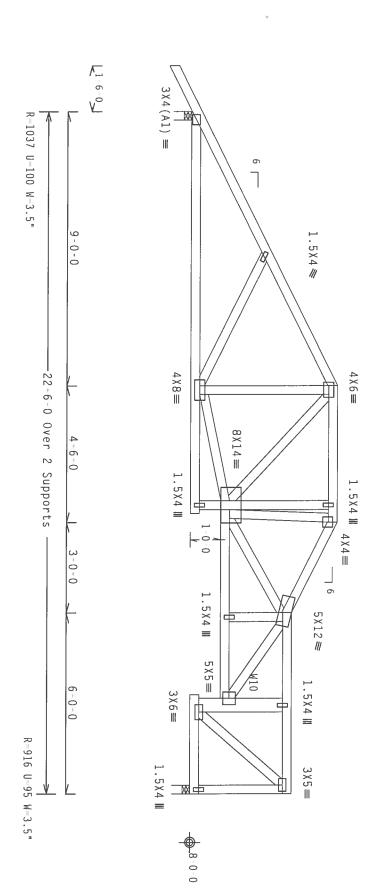
In lieu of structural panels use purlins to brace all flat TC  $24\mbox{\ensuremath{^{\circ}}}\xspace$  0C.

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

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

Wind reactions based on MWFRS pressures

Right end vertical not exposed to wind pressure



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

7.36.042

FL/-/4/-

/E/R/-

Scale = .3125"/Ft.

10/29/07

PLT TYP.

Wave

\*\*WARNING\*\* IRUSSES BEQUIRE EXTREHE CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RELER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY PET (TRUSS PLATE HUSTITULE, 218 HORTH LEE STREIT, SHITE 312, ALLXANDBAI, VA, 22314) AND HICA (400D TRUSS COUNCIL OF AMERICA, 6300 ERHIGENERS LANE, HADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HUSE CUNCTIONS. UNLESS OHIERNISE HOUSEAULED FOR COMOS SMALL HAVE PROPERLY ATTACHED STRUCTURAL PAHELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAHELS AND BOTTOM CHORD SHALL HAVE

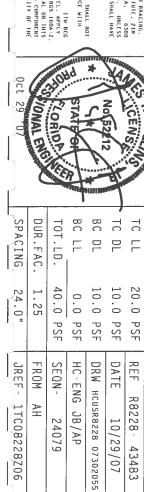
\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE THISTALLATION CONTRACTOR. THE BCG, TWC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH FPI; OR FARRICATING, NANDLUG, SURPPUR, HISTALLING A BRACHE OF TRUSSES,

DESIGN CONFIGERATION, AND LICABLE PROVISIONS OF ANDS (MATIONAL DESIGN SPEC, BY AFRY) AND TPI.

THE BCCONNECTION PARTIES ARE ANDE OF 20/18/16/06A (M.H/SS/K) ASHA A653 GRADE 40/60 (M. K/M.SS) GALV. STEEL APPLY PHATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCALLO ON THIS DESIGN, POSITION PER DRAWHIGS 160A-Z. ANY INSPECTION OF PHATES FOLLOWED BY (I) SHALL BE PER ARREX AND THIS DESIGN, POSITION FROM THE THESE COMPONENT OF THE STEEL OF THE STEEL OF THE THESE COMPONENT OF THE STEEL OF THE STEEL OF THE THESE COMPONENT OF THE STEEL OF THE STEEL OF THE THESE COMPONENT OF THE STEEL OF TH BUILDING DESIGNER PER ANSI/TPI 1 SEE. 2.

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

ALPINE



24079

(7-310--Cason Construction MATT CASON CGE)

Top chord 2x4 SP / Bot chord 2x4 SP / Webs 2x4 SP / :Stack Chord SC1 Žx4 SP :Stack Chord SC2 2x4 SP 372 Dense Dense 22 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.

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 to chord in notchable area using 3x6. length. Splice top

SEE DRW HCUSROO1 02086015 FOR GABLE DETAILS

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

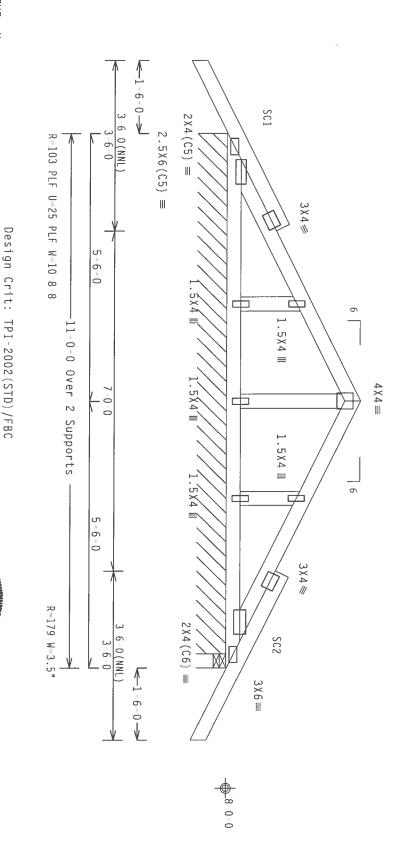
Wind reactions based on MWFRS pressures

See DWGS All015EE0207 & GBLLETIN0207 for more requirements

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

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 supporting shear walls. Shear walls must provide continuateral restraint to the gable end. All connections to be designed by the building designer.



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

A PROPERLY ATTACHED RIGID CEILING.

PLT

TYP.

Wave

\*\*IMPORTANT\*\*\*URBISH 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 FABRICATIO, HANDLING, SHEPPING, HISTALLING AS BRACHES OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF DOS (HALTONAL DESIGN SPEC, BY AIRPA) AND IP!. IN BCG CONNECTION PAIRS ARE MADE OF 2018 JOHAN, SHEET, APPLY PLATES TO EACH FACE OF TRUSS. AND. UNLESS OTHERNIS LOCALED ON THIS DESIGN, POSITION PER BRACHES SO A. SHEET, APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNIS LOCALED ON THIS DESIGN, POSITION PER BRACHES OF THE TRUSS COMPONENT IN SPECIAL OF PAIRS FOR LOCATED ON THIS DESIGN, POSITION PER BRACHES OF THE TRUSS COMPONENT IN SPECIAL OF PAIRS FOR LOCATED ON THIS DESIGN. POSITION PER BRACHES ACCEPTANCE OF PROTESSIONAL LOGALIFIERING RESPONSIBILITY SOLETY FOR THE TRUSS COMPONENT

Haines City, FL 3844
FL Cartificate of Amboritation # 0 278

BUILDING DESIGNER PER

SUITABILITY AND R ANSI/IPI 1 SEC

OF THIS COMPONENT

ALPINE

RESPONSIBILITY OF 0ct SONAL ENGIN CORIOR STATE BC DL BC LL SPACING TC DUR.FAC. TC LL TOT.LD. 2 40.0 10.0 PSF 20.0 PSF 24.0" 10.0 PSF 1.25 PSF PSF JREF -SEQN-DATE REF HC-ENG DRW HCUSR8228 07302071 R8228-

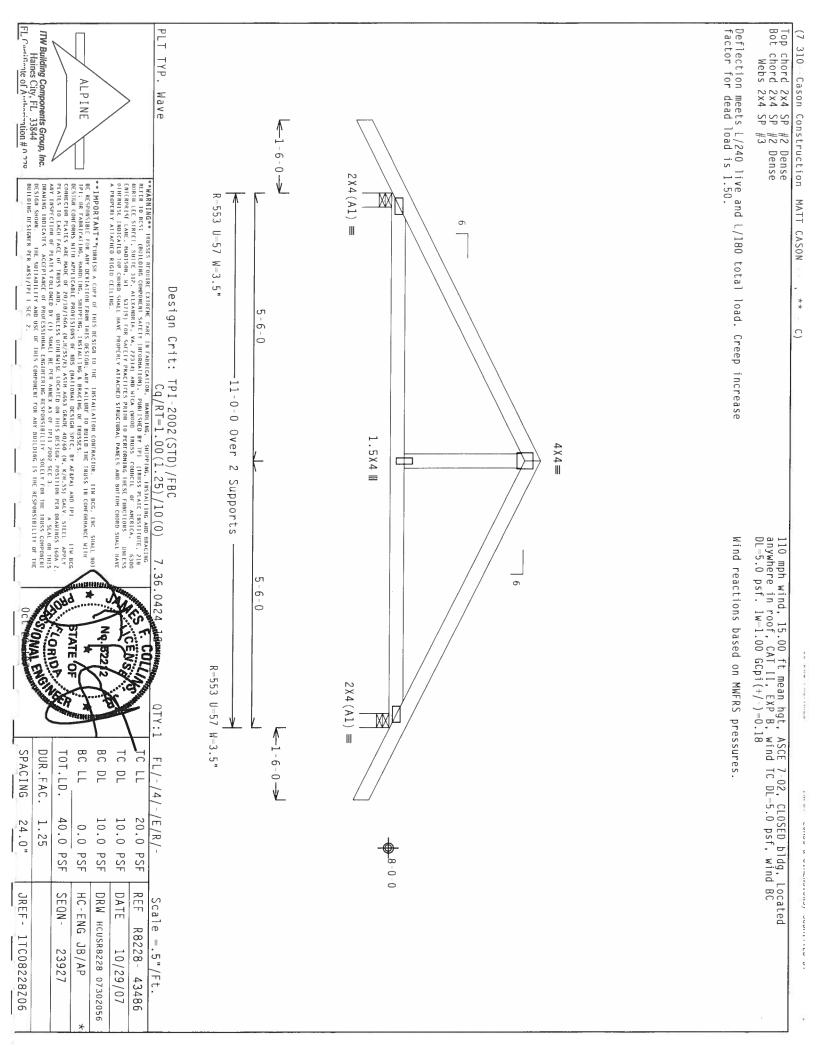
JB/AP 23923

10/29/07 43485

1TC08228Z06

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

Scale = .5"/Ft.



Top chord 2x4 SP #
Bot chord 2x4 SP #
Webs 2x4 SP # ITW Building Components Group, Inc. Haines City, FL 33844 FL Cartificate of Ambarization # 0 779 PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. (7 310 Cason Construction MATT CASON ALPINE Wave **k**-1-6-0-**>** #2 Dense #2 Dense #3 2X4(A1) =\*\*IMPORTANT\*\*FURNISH A CRPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BGG, THC. SHALL NOT BE RESPONSIBLE TOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH IP: OR FLAREFACHTHG. HANDLING. SHEPPIG. HIS ALLING AS REACHEN OF TRUSSES. OR FAREFACHTHG. HANDLING. SHEPPIG. HIS ALLING AS REACHEN OF TRUSSES. OR ATREA AND IP! LINE OF SHEET AND THE STATE AND THE SHEET AND T \*\*WARNING\*\* IRUSSES REQUIRE EXIMENE CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING, RETER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE CHRUS PLAIE INSTITUTE, ZIM HORN LET SHEET, SUITE DIX ALEXANDRIA, VA, 22:14) AND HIGH CAC (MODD IRUSS COUNCIL OF AMERICA. 6300 CHIERMEN STALL, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HIGH TWOCTIONS. UNICESS OHNERHISE INDICATED INFORMEDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. DESIGN SHOWN. THE SUITABILITY AND BUILDING DESIGNER PER ANSI/TPI 1 SEC R=562 U=59 W=3.5" M 6 Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 6-0  $\Omega$ OF THIS COMP 11-0-0 Over 2 Supports 1.5X4 III 4 X 4 ≡ ф RESPONSIBILITY OF THE Wind reactions based on MWFRS pressures. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 6-0 CORIO 6 R=445 U=37 W=3.5" 2X4(A1) =BC LL BC DL TC LL DUR.FAC. TOT.LD. TCFL/-/4/-/E/R/-2 40.0 PSF 10.0 PSF 20.0 PSF 1.25 10.0 PSF 0.0 PSF DATE REF SEQN-HC-ENG DRW HCUSR8228 07302057 Scale =.5"/Ft. R8228- 43487 JB/AP 23931 10/29/07

SPACING

24.0"

JREF -

Bot ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0 778 Wind BC BC PLT TYP. SPECIAL LOADS 310 Cason Construction chord 2x4 SP #2 Dense chord 2x6 SP #1 Dense Webs 2x4 SP #3 reactions based on MWFRS pressures. -- (LUMBER DUR.FAC.=1.25 )
From 62 PLF at -1.50 From 62 PLF at 5.50 From 4 PLF at -1.50 From 20 PLF at 0.00 From from from 3579 LB Conc. 1084 LB Conc. ALPINE Wave 1-6-0-Load at -1.50 to 5.50 to -1.50 to 0.00 to  $2.5 \times 6 (A1) =$ \*\*IMPORTANT\*\*\*TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH PP: OR FARRETATING, ANNOLUTE, SHEPPING, HISTALLING A BRACLING OF TRUSSCS, AND THE PROVISIONS OF HIS SCR. BY ATRAS AND THE BESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HIS SCR. (MAITONAL DESIGN SPEC, BY ATRAS) AND THE CONFORMS WITH APPLICABLE PROVISIONS OF HIS SCR. (MAITONAL DESIGN SPEC, BY ATRAS) AND THE BEAUTION OF CONFORMS OF THE PROVISION OF THE PROPERTY AND T DESIGN SHOWN. THE SUITABILITY AND BUILDING DESIGNER PER AUSI/TPI 1 SEC. \*\*WARNING\*\* TRUSSY'S REQUIRE EXTREME CARE IN FABRICATION, TRANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO REST. (BUILDING COMPONENT SAFETY INFORMATION), PUBLICING BY TPI (FRUSS PLAIE INSTITUTE, 218 HORTH LEE STREET, SUITE 137, ALEXANDRA, VA, 22314) AND NICA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, UT 5379) FOR SAFETY PRACTICES PRIOR TO PERFORMING INESE FUNCTIONS. UNLESS OTHERWISE TROBES OF AMERICA. A PROPERLY ATTACHED RIGID CEILING. R=2010 U=246 W=3.5" MATT CASON 7.06 9.06 / PLATE DUR.FAC.=
to 62 PLF at
to 62 PLF at
to 62 PLF at
to 4 PLF at
to 20 PLF at 9 Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) .=1.25) t 5.50 t 11.00 t 0.00 t 11.00 \* -6-0 1.5X4 3×4/ 2 中 11 - 0 - 0Over 4×4≡ 4 X 8 = 2 Supports Nailing Schedule: (10d\_Box\_or\_Gun\_(0.128\*x3\*,\_min.)\_nails)
Top Chord: 1 Row @12.00\* o.c.
Bot Chord: 1 Row @ 3.50\* o.c.
Webs : 1 Row @ 4\* o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 Deflection meets  $\lfloor /240$  live and  $\lfloor /180$  total load. Creep increase factor for dead load is 1.50. 2.5X8 4×6/ COMPLETE -6-0 CORION OBIA 6 TRUSSES REQUIRED R=3659 U=404 W=3.5" 3X9(A1) BC LL BC DL SPACING DUR.FAC. TC DL TOT.LD. FL/-/4/-/E/R/-40.0 1.25 10.0 PSF 20.0 PSF 24.0" 10.0 PSF 0.0 PSF PSF JREF-FROM DATE SEQN-REF HC-ENG DRW HCUSR8228 07302072 Scal le = .5"/Ft. R8228- 43488 1TC08228Z06 JB/AP 24107 10/29/07

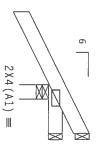
(7-310 Cason Construction MATT CASON CJ1)

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

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

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

Wind reactions based on MWFRS pressures.



Þ 56 U-42

15 U-14

8-0-0 **8** 6-11

1-6-0-1-0-0 Over 3 Supports

R=254 U=50 W=3.5"

\*\*WARNING\*\* IRUSSES REQUIRE CRIBENE CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST (BUILDING CHAPOREN SAFLY INFORMATION), PUBLISHED BY THE (FRUSS PLATE INSTITUTE, 218 MORTH LEE STREET, SUITE 127. ALEXANDRIA, VA. AZZIA) AND MICHA (MODO TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LAME, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERNISE INDICATED FOR GUORDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CELLING. Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

PLT TYP.

Wave

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN, TO BALLED THE TRUSS IN COMPORMANCE WITH TPI: OR FARRICATHO. HANDLIGS, SHEPPING, HISTALLIGS & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (MATIONAL DESIGN SECE, BY ATREA) AND PPI.

PLATES TO EACH TACE OF TRUSS AND. UNICES OTHERSISE LOCATED ON THIS DESIGN, POSITION PER DOMANHAGS 160A-Z. ANY INSPECTION OF PLATES TOLLOWED BY (1) SHALL BE FER ANNEX 3 OF TPI 2002 SEC. 3.

BRAHIGG INDICALISE ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN.

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



0.0 PSF

REF

R8228- 43489

Scale = .5"/Ft.

DATE

10/29/07

DRW HCUSR8228 07302066

JB/AP 23835

JREF-

1TC08228Z06

FROM

SEQN-HC-ENG

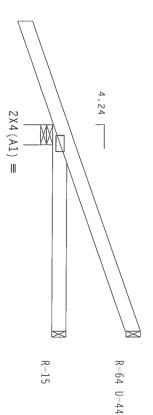
Haines City, FL 33844
FL Continue of Authoritation # 0 279 ITW Building Components Group, Inc. ALPINE BUILDING DESIGNER PER ANSI/TPI 1 SEC.

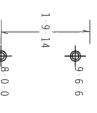
110 mph wind, 15.00 ft mean hgt, ASCE 7.02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 chord 2x4 SP chord 2x4 SP #2 Dense #2 Dense

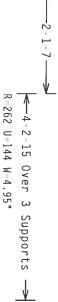
Wind reactions based on MWFRS pressures.

SPECIAL LOADS --(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
From 61 PLF at -2.12 to 61 PLF at 4.24
From 4 PLF at -2.12 to 4 PLF at 0.00
From 20 PLF at 0.00 to 20 PLF at 4.24
-111 LB Conc. Load at 1.48
-31 LB Conc. Load at 1.48

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







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

PLT

TYP.

Wave

\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FARRICATION, DANDLING, SHEPTING, INSTALLING AND BRACING BETER TO BESS. (BUILDING COMPONENT SAFELY INFORMATION), PUBLISHED BY TIP (TRUSS PLANE INSTITUTE, 218 DORTH LEE STREET, SUITE 312, ALEXANDRIA, NA, 22314) AND HEAT ACK (MODO TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LAWE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HICSE FUNCTIONS, UNLESS OTHERWISE INJUCATED FOR HORDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAWELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CITLING.

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, THC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH FPI; OR FLAREA, THE, AND THE REPOYLED SO THE SEC. BY AFRAY, AND TPI.

DESIGN CONFIGENCY WITH APPLICABLE PROVISIONS OF DIDS (MAIDONAL DESIGN SEC. BY AFRAY, AND TPI.

DESIGN CONFIGENS WITH APPLICABLE PROVISIONS OF DIDS (MAIDONAL DESIGN SEC. BY AFRAY) AND TPI.

DESIGN CONFIGENS WITH APPLICABLE PROVISIONS OF DIDS (MAIDONAL DESIGN SEC. BY AFRAY) AND TPI.

PLATES TO LACH FACE OF TRUSS AND. BUILESS OTHERWISH LOCALED ON THIS DESIGN. POSITION FRE DRAWHIGS 160A Z.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SMALL BE FER ANNEX AS OF TPIL 2002 SEC. 3. SEAL ON THIS DRAWHIGH INDIVIALIS ACCEPTABLE OF DESIGNAL REGISTRAL BY THE RESPONSIBILITY OF THE BUSINESS AND THIS DESIGN SOURCE. SOURCE THE THESE COMPONENT OF THE SOURCE OF THE THESE COMPONENT OF THE SOURCE OF THE THESE COMPONENT OF THE SOURCE OF THE THESE COMPONENT OF THE THE SOURCE OF THE THESE COMPONENT OF THE THESE COMPONENT OF THE SOURCE OF THE THESE COMPONENT OF THE THESE C

ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0 270

BUILDING DESIGNER PER ANSI/IPI I SEC

ALPINE



DATE REF

10/29/07

Scale = .5"/Ft.

R8228- 43490

HC-ENG

JB/AP 23862

DRW HCUSR8228 07302073

JREF-FROM SEQN-

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP (7-310--Cason Construction MATT CASON #2 Dense #2 Dense #3 HJ7) have been this girder

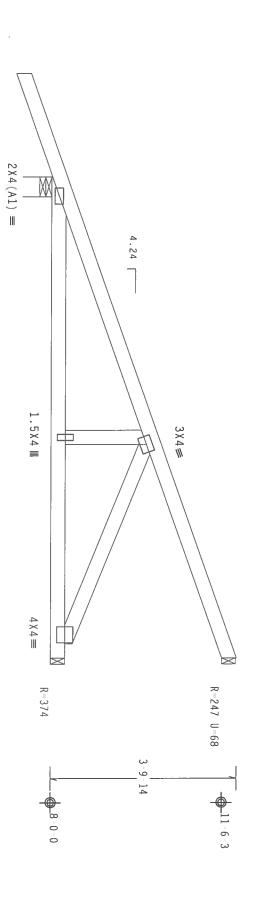
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

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

Wind reactions based on MWFRS pressures.

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





\*\*WARNING\*\* TRUSSES RIQUIRE EXTREME CARE IN FABRICATION, IMABILING, SHIPPING, INSTALLING AND BRACING. RELER TO BCST. (BUILDING COMPONENT SAFETY INFOMENTION), PUBLISHED BY TET (TRUSS PLATE UNSTITUTE, 210 MORTH LEE STREET, SUITE 317, ALEXANDRIA, VA, 22314) AND HICA (400D TRUSS COUNCIL OF AMERICA, 6200 CHIERPATSE LANE, MADISON, HI 52719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNITESS OTHERWISE INDICATED TO CROBO SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND ROTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND ROTTOM CHORD SMALL HAVE Design Crit: TPI-2002(STD) Cq/RT=1.00(1.25)/10(0)

PLT

TYP.

Wave

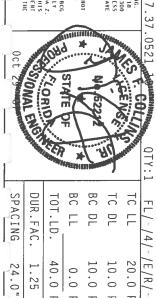
\*\*IMPORTANT\* \*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY TAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH TP: OR FARBLICATION, HANDLING, SHIPPING, HISTALLING A BRACTIGO THUSSES.

DESIGN CONTORNS HITH APPLICABLE PROVISIONS OF UDS (MATIONAL DESIGN SPEC, BY ATAPA) AND TP!

CONNECTOR PLATES ARE MADE OF 20/19/16GA (M.M/SS/K) ASTH A653 GRADE 40/50 (M. SPEC). ASTA AND THIS DESIGN, POSITION PER BRANDINGS 16GA Z. ANY THSPECTION OF TRATES AND. UNICES OTHERNISE LOCALED ON THIS DESIGN, POSITION PER BRANDINGS 16GA Z. ANY THSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ABBLIC AS OF TPIL-2002 SEC 3. A STAA ON THIS DESIGN AND THE RUSS COMPONENT OF THE PROVINCE AND THE DESIGN SHOWN. THE SUITABILITY AND BUILDING DESIGNER PER ANSI/IPI I SEC.

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

ALPINE



0.0 10.0 PSF

PSF

SEQN-HC-ENG

REV

10.0 PSF 20.0 PSF

DATE REF

10/29/07

Scale = .5"/Ft.

R8228- 43491

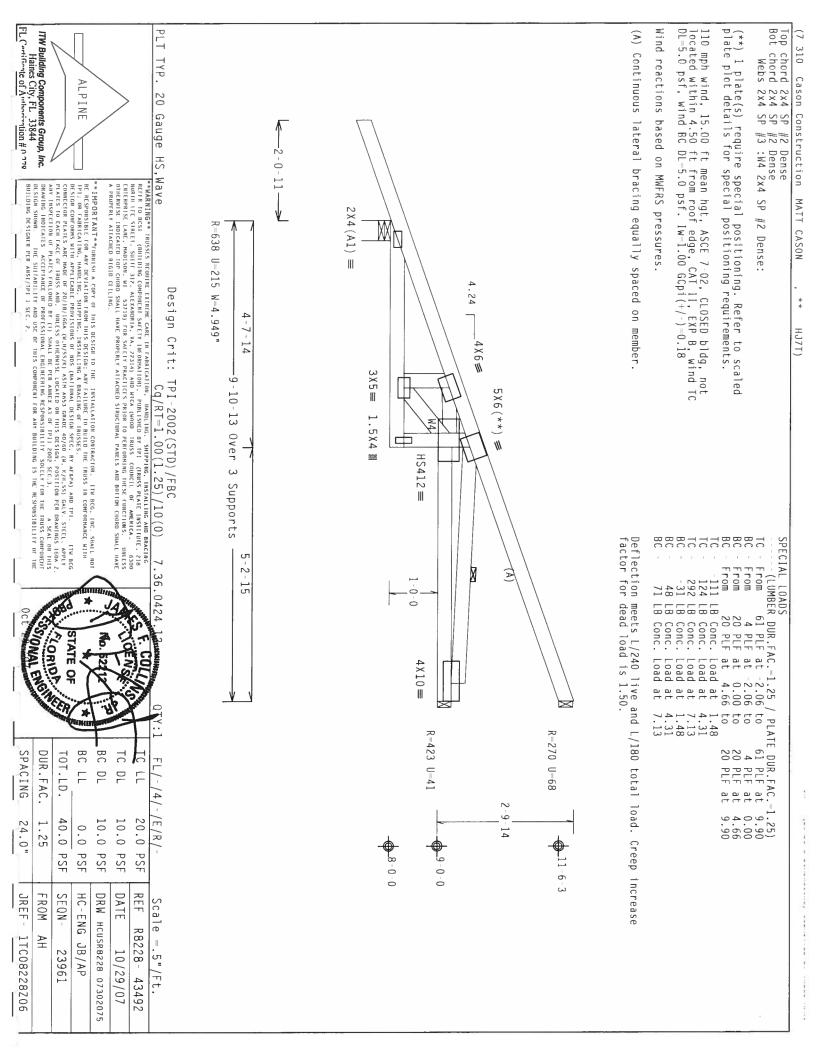
DRW HCUSR8228 07302074

JB/AP 5149

1.25 40.0 PSF

24.0"

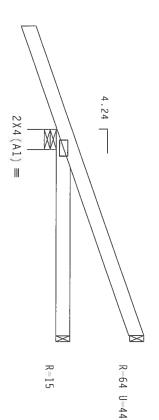
JREF -FROM

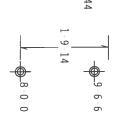


Bot 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/ )=0.18 (7-310--Cason Construction chord 2x4 SP chord 2x4 SP #2 Dense MATT CASON \* нлз) SPECIAL LOADS -----(LUMBER DUR.FAC.=1.25 / From 61 PLF at -2.12 to (From 4 PLF at -2.12 to From 20 PLF at 0.00 to 111 LB Conc. Load at 1.48 / PLATE DUR.FAC.=1.25)
to 61 PLF at 4.24
to 4 PLF at 0.00
to 20 PLF at 4.24

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-262 U-144 W-4.95" ←4-2-15 Over 3 Supports

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

PLT

TYP.

Wave

\*\*MARNING\*\* TRUSSE'S REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSALLING AND BRACING, BETTER TO BEST. (BUILDING CHMONET SAFETY INFORMATION), PUBLISHED BY TPJ (TRUSS PLATE INSTITUTE, 219 HORTH ITE STREET, SUIT 6127, ALEXANDRIA, VA. 22:14) AND HIGH CHACK (MODD TRUSS COUNCIL OF AMERICA. 6300 CHIEGEREISE LAWE, HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PRETORMING THESE THACTIONS. HALESS OTHERWISE LINGLED FOR CHORD SMALL HAVE PROPERLY ATTACHED RIGHD CENTRO SMALL HAVE PROPERLY ATTACHED RIGHD CELLING.

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BEG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN; WE FAILURE TO BHILD THE FRUSS IN COMPORMANCE WITH FPI; OR FABRETATION, INDICIDENCE, SHEPPIDE, HISTALLING & BRACTHEG OF TRUSSES.

DESIGN CONFIGENS WITH APPLICABLE PROVISIONS OF NDS (MATIONAL DESIGN SPEC, BY AFRA) AND FPI.

DESIGN CONFIGENS WITH APPLICABLE PROVISIONS OF NDS (MATIONAL DESIGN SPEC, BY AFRA) AND FPI.

PHATES TO EACH FACE OF TRUSS AND. UNICESS OTHERISH LOCALED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER NAMEY AS OF TPI1 2002 SEC. 3.

BRAHING INDICALISE ACCEPTANCE OF FROESSIGNAL ENGLIEE HIS RESPONSIBILITY OR THE FROS COMPONENT DESIGN SHOWN.

THE SHIPMAN SHIPMAN SHOWN SHIPMAN SHIPMAN

.36.042 STONAL ENGINE TATE BC LL TC DL TC LL SPACING DUR.FAC. TOT.LD. FL/-/4/-/E/R/ DL 40.0 20.0 24.0" 1.25 10.0 PSF 10.0 PSF 0.0 PSF PSF PSF

SEQN-

HC-ENG

JB/AP 24045

FROM

JREF -

1TC08228Z06

REF

R8228- 43493

Scale =.5"/Ft.

DATE

10/29/07

DRW HCUSR8228 07302076



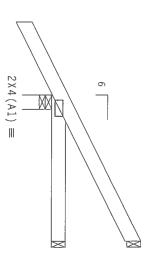
(7-310 - Cason Construction MATT CASON CJ3)

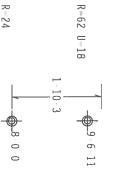
Top chord 2x4 SP Bot chord 2x4 SP #2 Dense #2 Dense

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

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.







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

TYP.

Wave

\*\*WARNING\*\* TRUSSES REQUIRE LYRINE CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING RETER TO RESE (BUILDING COMPORENT SAFLY INFORMATION), PUBLISHED BY TIPI (TRUSS PLATE INSTITUIT, 218 HORTH LEE STREET, SUITE IZZ ALEXANDRAL, NA, 25214) AND HICLA (MODO TRUSS COUNCEL OF AMERICA, 6300 CHIEDRESIS LOWE, MODISON, HI 53719) FOR SAFETY PRACTICES FROM FOR PERPENHIC HASE UNCLIONS, UNLESS OTHERNIST LOUGHED SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAULES AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CELLING.

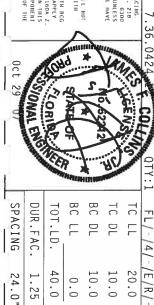
\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BEG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BRILLD THE FRUSS IN COMPORMANCE WITH FPT, OR FARREACHING, HANDLING, SHEPPHG, HISTALLING A BRACIEN OF TRUSSIS.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF 3DS (WAITONAL DESIGN SPCE, BY ATRAY) AND TPI. THE RECOMMENDED AND THE APPLICABLE SARE HAND OF 20/18/1606 (WAIYSS/R) ASIA MASSI GRADE 40/50 (W. K/NLSS) BALL SIELL, APPLY PHATES TO EACH FACE OF TRUSS AND. DURCES OTHERHISE LOCATED ON THIS DESIGN, POSITION PER BRAWHINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANDEX AS OF TPI) 2005 EEC. 3. A SEAL ON THIS DRAWHING INDICATE SCHOOL BY (I) SHALL BE PER ANDEX AS OF TPI) 2005 EEC. 3. A SEAL ON THIS DRAWHING INDICATES COMPONENT FOR THE FRUSS COMPONENT OF THE STANDARD AND THE SULTABLILITY OR THE BESPONSIBILITY OF THE

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

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

ALPINE



10.0 PSF 20.0 PSF

DATE REF

10/29/07

Scale =.5"/Ft.

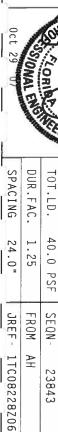
R8228- 43494

10.0 PSF 0.0 PSF

DRW HCUSR8228 07302058

HC-ENG

JB/AP



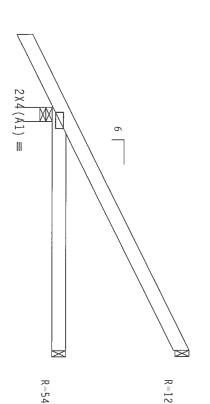
310 - Cason Construction MATT CASON CJ5

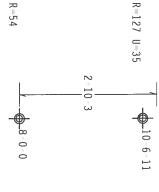
chord 2x4 SP #2 Dense #2 Dense

Wind reactions based on MWFRS pressures.

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

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







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

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

Scale = .5"/Ft.

PLT

TYP.

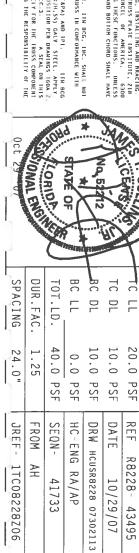
Wave

\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FARRICATION. INABELING. SHIPPING, INSTALLING AND BRACING. REFER TO BEST. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IT! (TRUSS PLATE INSTITUTE, 218 HORTH LEE STREET, SUITE 317, ALEXANDRIA, VA. 22314) AND NICA (MODO) TRUSS COUNCIL OF AMERICA. 6300 ENTERPRISE LANE, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING INESS FUNCTIONS. UNLESS ORIGINAL MATERIAN CONTRACTOR OF THE PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM HIS DESIGN, ANY FAILURE OF DULLO THE FRUSS IN COMPORMANCE WITH FPI; OR FABRICATHO. HANDLING, SHIPPIDG, HISTALLING A BRACING OF TRUSSES, DESIGN CONTROPHS HIH APPLICABLE PROVISIONS OF DDS. (MATORIA, DESIGN SEC. BY AFRA) AND IPI. ITH BCG CONNECTOR PLATES ARE HADE OF ZO/IR/16/36 (H.H/SS/N. ASIM A653 GRADE 40/60 (H. K/H.SS) GALV STEEL APPLY PLATES TO EACH TACE OF TRUSS AND. UNICESS OTHERWISE COCALD ON THIS DESIGN, POSITION OF ROMANINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX AS OF IPI] ZOOZ SEC.31. A SEAL ON INIS BRAING INDICATES ACCURANCE OF PORTESSTONAL CHARITET AND XEAL ON THE TRUSS COMPONENT DESIGN SHOWN. THE SULFABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI I SEC

Haines City, FL 33844
FL Carrierate of Authorization # 0 270

ALPINE



Top chord 2x4 SP Bot chord 2x4 SP Haines City, FL 33844
FL Continue of Authorization # 0 778 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is  $1.50\,.$ ITW Building Components Group, Inc. PLT TYP. (7-310 Cason Construction MATT CASON ALPINE Wave #2 Dense #2 Dense \*\*IMPORTANT\*\*\*URBISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NO REFLECTION FROM THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCS IN COMPORMANCE WITH PET, OR FLAREACHING, MANDILLES, SHEPPIG, HISTALLING A BRACHEG OF THUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF DUS (MATIONAL DESIGN SEC. 8 AFREA) AND IPI. THE GC COMMICCION PLATES ARE HADE OF ZO/IB/166A (H.H/SS/K) ASIH A653 GRADE 40/60 (H. K/H.SS) GALY. SIEGL, APPLY PLATES TO EACH FACE OF TRUSS AND. HIGES OHERSISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE FER ANNEX AS OF TPIJ 2002 SEC.3. A SLAL ON THIS DESIGN SHALLS ACCOMPONENT OF THE SECRET SHALLOWED BY (I) SHALL BE FER ANNEX AS OF TPIJ 2002 SEC.3. A SLAL ON THIS DESIGN SHALLS ACCOMPONENT OF THE SECRET SHALLOWED BY (I) SHALL BE FER ANNEX AS OF TPIJ 2002 SEC.3. \*\*HARNING\*\* IRUSSES REQUIRE EXTREME CARE IN FARRICATION, INAUDING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY FIP (TRUSS PLATE INSTITUTE, 218 HORTH LEE STRETT, SHIE 312.A ALEXANDRAL, VA, 22314) AND HIGH CACK (MODO TRUSS COUNCELL OF AMERICA, 6300 ENTERPRISE LANE, HADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HUGH THROUGH SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BRITCH SHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CELLING. BUILDING DESIGNER PER ANSI/IPI 1 SEC. **1** 6 0 **1** 2X4(A1) =Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) MD R=408 U=25 W=3.5" EJ7) 7-0-0 Over 3 Supports Wind reactions based on MWFRS pressures 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/ )=0.18 .36.042 TATE OF R-82 R=187 U=51 10 BC LL SPACING TC DL TC LL DUR.FAC. TOT.LD. FL/-/4/-/E/R/ w DL 40.0 PSF 10.0 PSF 20.0 PSF 24.0" 10.0 PSF 0.0 PSF JREF -FROM DATE REF SEQN-DRW HCUSR8228 07302059 HC-ENG Scale = .5"/Ft. R8228- 43496 1TC08228Z06 JB/AP 23851 10/29/07

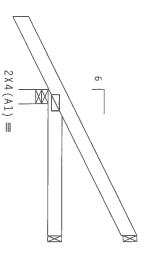
(7-310 - Cason Construction MATT CASON EJ3)

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

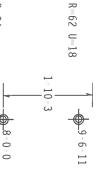
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is  $1.50\,.$ 

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

Wind reactions based on MWFRS pressures.



R-24





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

/10(0)

P \_ T

TYP.

Wave

-- WAKNING\*\* INUSSES REQUIRE EXTREME CARE IN FABRICATION, INANDING, SHIPPING, INSTALLING AND BRACING, REFER TO BOSI. (BUILDING COMPONENT SACTIY INFORMATION), PUBLISHED BY IPP (TRUSS PLATE INSTITUTE, 218 NARTH LEE STREET, SUITE 177, ALTXANDRIA, VA, 22214) AND HIVA (MODD TRUSS COUNCIL OF AMERICA, 6300 CHIEFRENSE LAME, MADISON, HI 53719) FOR SAFETY PRACTICES PAIGR TO PERFORMING HESE FUNCTIONS. UNLESS OTHERWISE INDICATED TO PUBLOSE SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED REGIO EXIGED SCILLING.

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BEG, INC. SHALL NOT BE RESPONDISHED FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BHILD THE TRUSS IN COMPORMANCE WITH THIS PERSONS OF THUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THOS (MATIONAL DESIGN SPEC, BY AFAY) AND THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THOS (MATIONAL DESIGN SPEC, BY AFAY) AND THIS DESIGN. POSITION PROVISIONS OF THIS SECONDARY OF THE SECONDARY.

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

ITW Building Components Group, Inc. Haines City, FL 33844 FL Cartifrate of Authorization # 0 279

ALPINE



40.0 1.25

SEON-

23857

24.0"

JREF FROM

1TC08228Z06

10.0 PSF

DATE REF

10/29/07

20.0 PSF

Scale = .5"/Ft.

R8228- 43497

10.0 PSF

DRW HCUSR8228 07302060

0.0 PSF P.S.F

HC-ENG JB/AP

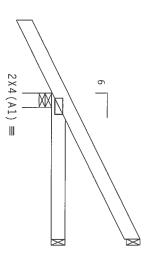
(7-310 - Cason Construction MATT CASON EJ3)

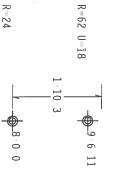
Top chord 2x4 SP Bot chord 2x4 SP #2 Dense #2 Dense

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

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

Wind reactions based on MWFRS pressures.







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

PLT TYP.

Wave

\*\*WARNING\*\* RRISSES REQUIRE CARETHE CARE IN FABRICATION, HANDSING, SHIPPING, INSTALLING AND BRACING, BRIEF TO BEST (BUILDING COMPONENT SAFETY HERBRALION), PUBLISHED BY IPI (TRUSS PLATE INSTITUTE, ZIB NOBTH HEE STREET, SUITE 312, ALEXANDRIA, VA, 72314) AND HEATA (HOOD TRUSS COUNCEL OF AMERICA, 6300 ERRISSES COUNCEL OF AMERICA, 6300 ERRISSES COUNCEL OF AMERICA, 6300 CHRICERESSE LANE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNITSS OTHERWISE, HOLDCLIED FOR CHORD SMALL HAVE A PROPERLY ATTACHED RIGHD CELLING.

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE RCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH PI: OR FARRICATIO. HANDLING, SHAPPIDE, INSTALLING A BRACHIG OF TRUSSES.

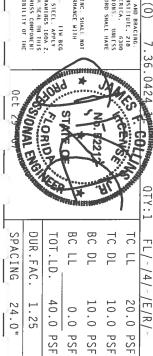
DESIGN CONFORMS HILL APPLICABLE PROVISIONS OF UNDS (MATIONAL DESIGN SEC, D. WATENA) AND PI:

PLATES TO EACH FACE OF TRUSS AND, UNLESS OF THIS SEC, DATE ON THIS DESIGN, POSITION PER DEAATHES. ANY INSPICTION OF TAKES FOLLOWED BY (1) SHALL BE FOR ANHEX SOLLY FOR THIS DESIGN.

ANY INSPICTION OF PLATES FOLLOWED BY (1) SHALL BE FOR ANHEX A OF THIS COSTOLIAL SACE OF THE TRUSS COMPONENT OF THE SOLIAL SACE OF THE SECONDOLLY OF THE SHAPPE SH BUILDING DESIGNER PER ANSIJIPI I SEC.

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

ALPINE



DATE REF

10/29/07

Scale =.5"/Ft.

R8228- 43498

HC-ENG JB/AP

23866

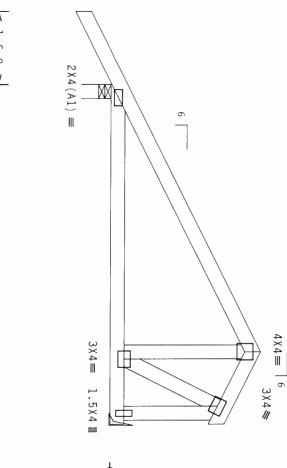
DRW HCUSR8228 07302061

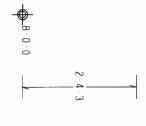
JREF

1TC08228Z06

FROM SEQN-

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is  $1.50\,.$ 310 Cason Construction t chord 2x4 SP Webs 2x4 SP #2 Dense #2 Dense #3 MATT CASON EJA) 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 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







\*\*WARNING\*\* IRUSSES REQUIRE EXTREME CARE IN FARRICATION. INABILING. SHIPPING, INSTALLING AND BRACING. RETER TO BEST. (BUILDING COMPORED SAFETY INFORMATION), PUBLISHED BY THE (TRUSS PLANE INSTITUTE, 218 HORRH LEE STREET, SUITE IZE ALEXANDRAL, VA. 22314) AND HIGH CACK (MODO TRUSS COUNCEL OF AMERICA. GOOD CHIEDRAISE LAME, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HIESE THICTIONS. UNLESS OTHERWISE HOUSE, CALTO TOP CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED NICES WILL SAFETY ATTACHED REGION OF THE PROPERLY ATTACHED REGION SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

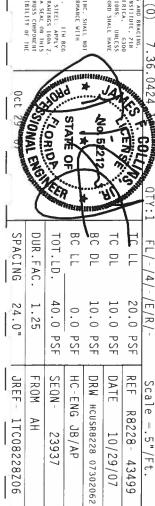
PLT TYP.

Wave

ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0 278 \*\*IMPORTANT\*\*TURNISH 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 COMPORMANCE WITH FPI: ON FARRICALING, MENDLING. SHIPPIG, INSTALLING & BRALLING OF TRUSSES.

DESIGN CONFIDENCE FOR THE APPLICABLE PROVISIONS OF HIS GENERAL OF GOOD HE AND THE APPLICABLE FOR PAIRS AND THE APPLICABLE FOR PAIRS OF THE APPLY O

ALPINE



JB/AP 23937

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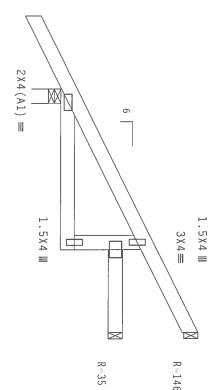
(7-310 Cason Construction MATT CASON CJ5BT)

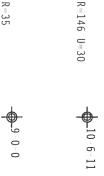
Top chord 2x4 SP / Bot chord 2x4 SP / Webs 2x4 SP / #2 Dense #2 Dense #3

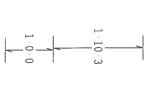
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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

Wind reactions based on MWFRS pressures







8-0-0

1-6-0-▶

331 U-25 W-3.5" -5-0-0 Over 3-3-8 ىب Supports 1-8-8

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

PLT

TYP.

Wave

\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FARRICATION. HANDLING. SHEPPING, INSTALLING AND BRACING, RETER TO BEST. (BUILDING COMPORENT SAFELY INFORMATION), PUBLISHED BY TIPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUIFE 127. ALEXANDRIA, NA, 223.14) AND MICHA (MODD TRUSS COUNCEL OF AMERICA, 6300 CHIEGRESIS LANE, MADISON, MI 53/19) FOR SAFELY PRACTICES PRIOR TO PERFORMING HIGHS FUNCTIONS. UNLESS OTHERWISE (INDICATED DE CORROS SMALL HAVE PROPERLY ATTACHED STRUCTURAL PAWELS AND BOTTOM CHORD SMALL HAVE

ALPINE

ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # ר ידפ \*\*IMPORTANT\*\*FURMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, THC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, FOR FARELY AND DEVIATION FROM THIS DESIGN. OF FOREST AND THE FORES DESIGN SHOWN. THE SULFABILITY AND BUILDING DESIGNER PER ANSI/TPI I SEC.



DATE REF

10/29/07

Scale =.5"/ft.

R8228- 43500

DRW HCUSR8228 07302063



JREF FROM

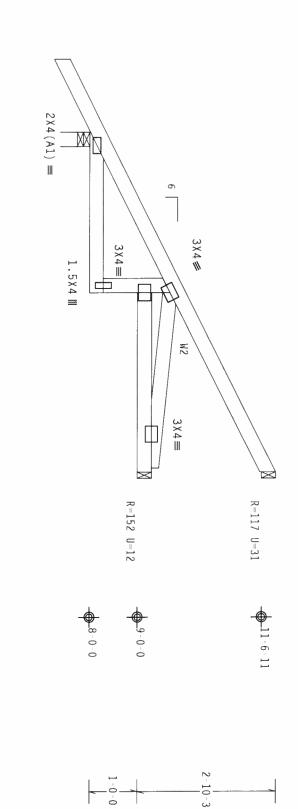
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HC-ENG

JB/AP 23943

Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #2 Dense :W2 Deflection meets  $\pm/240$  live and  $\pm/180$  total load. Creep increase factor for dead load is 1.50. (7 310 Cason Construction MATT CASON 2x4 SP \* EJ7T) 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 beneficial contracts



1-6-0-

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

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

Scale =.5"/Ft.

PLT

TYP.

Wave

\*\*HARNING\*\* IBUSSES REQUIRE EXERCISE IN FABRICATION, MAIDLING, SHIPPING, INSTALLING AND BRACING, REFER to BGS1 (BUILDING COMPONENT SAFETY INFORMATION), POLICIED BY PT (RESS PLATE INSTITUTE, 218 MORTH LEE STREET, SHITE 317, ALEXANDRIA, VA, 22314) AND MEA, (HOND TRUSS COMMETCO AMERICA, 6300 CHITERRESE LANE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING INFSET INDICATED TO PHONDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELES AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELES AND BOTTOM CHORD SHALL HAVE

\*\*IMPORTANT\*\*FURBISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVLATION FROM THIS DESIGN, ANY FAILURE TO BHILD THE TRUSS IN COMPORMANCE WITH THIS IS GRANGE ACTION. HANDLING. SHEPHIG, INSTALLING A BRACHIG OF TRUSSES, SA FARA) AND TEL. THE BCG CONNECTOR FAIRS ARE HAD OF 2010AIDAGA (ALMISSEY) ASTH ASSA DRANGE 40/40 (M. K/H.SS) GAV. STEEL, APPLY PLATES TO EACH FACE OF TRUSSES, AND. JUNESS OTHERNISS LOCATED ON THIS DESIGN, POSITION FOR BRANHOGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FOR ANNEX AS OF TPJI 2002 SEC.3. A SCAL ON THIS DRANHOG THIS DESIGN OF PROTESTION OF PLATES FOLLOWED BY (1) SHALL BE FOR ANNEX AS OF TPJI 2002 SEC.3.

SOLELY FOR THE TRUSS COMPONENT JHI SI RESPONSIBILITY OF CORIOR SPACING BC DL 년 명 TC DL DUR.FAC. TOT.LD. 24.0" 1.25 40.0 PSF 10.0 PSF 10.0 PSF 20.0 PSF 0.0 PSF FROM JREF-DATE REF SEQN-HC-ENG DRW HCUSR8228 07302064 R8228- 43501 1TC08228Z06 JB/AP 23947 10/29/07

ALPINE

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BERISONSISHE FOR ARY DEVIATION FROM INIS RESIDENCE OF ADJUSTICAG. (R.)

BERISONSISHE FOR ARY DEVIATION FROM INIS RESIDENCE OF ADJUSTICAG. (R.)

BUILDING DESIGNER PER ANSITIPLIA SEC. 2.

FL. Cartificalle OLA International Components Group, Inc.

BUILDING DESIGNER PER ANSITIPLIA SEC. 2.

# CLB WEB BRACE SUBSTITUTION

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

## NOTES

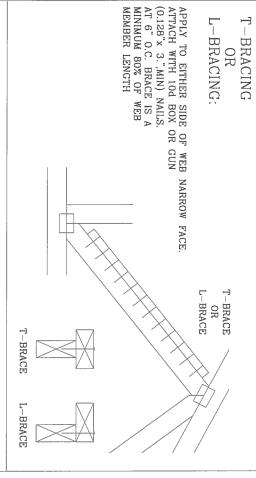
BRACING. THIS DETAIL IS ONLY APPLICABLE FOR CHANGING THE SPECIFIED CLB SHOWN ON SINGLE PLY SEALED DESIGNS TO T-BRACING OR SCAB

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

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

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

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



# SCAB BRACING

APPLY SCAB(S) TO WIDE FACE OF WEB.

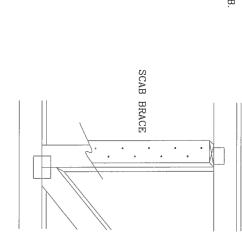
NO MORE THAN (1) SCAB PER FACE.

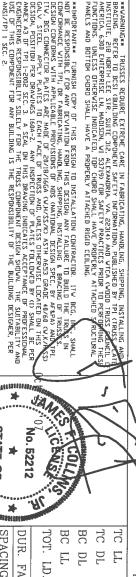
ATTACH WITH 10d BOX OR GUN

(0.128"x 3.".MIN) NAILS.

AT 6" O.C. BRACE IS A MINIMUM

80% OF WEB MEMBER LENGTH





WITTER PROPERATES. FURNISH COPY OF THIS DESIGN TO INSTALLATION CONFRONTIBE. IT WERE, N. SH. WITTER CONFRONTIBE. TO BRILD THE TRINS. IN THIS DESIGN, MY FALLIRE TO BRILD THE TRINS. IN THE BESCHOOL OF THE STATE OF TH

ITWBUILDING COMPONENTS GROUP, INC. POMPANO BEACH, FLORIDA

ALPINE

SAL TONIOR THE TATE O

DUR. FAC

THIS DRAWING REPLACES PSF REF DRAWING 579,640 CLB SUBST

DATE

-ENG DRWG

MLH/KAR BRCLBSUB0207 2/23/07

SPACING PSF PSF PSF PSF

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

BRACING GROUP SPECIES AND GRADES:

GROUP

A

DOUGLAS FIR-LARCH

SOUTHERN PINE #3 STUD

STANDARD

STUD STANDARD

GROUP

₩

HEM-FIR #1 & BTR #1 SPRUCE-PINE-FIR
#1 / #2 STANDARD

#3

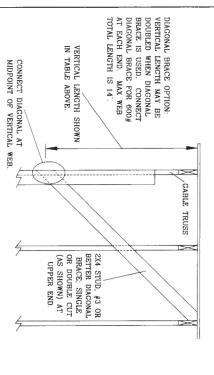
STUD

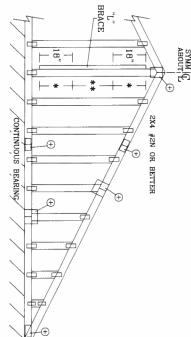
#3

STANDARD

HEM-FIR 2 STUD

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	STANDARD	STUD	#3	#2	#1	STANDARD	STUD	#3	#1 / #2	STANDARD	STUD	#3	#2	#1	STANDARD	STUD	#3	#1 / #2	STANDARD	STUD	#3	#2	#1	STANDARD	STUD	#3	#1 / #2	GRADE	BRACE
	4' 11"	5, 0,	5.0"	5, 3,	5 4	4' 9"	4' 9"	4' 9"	4' 11"	4 5"	4, 6,	4 6"	4' 9"	4' 10"	4' 4"	4' 4"	4 4"	4, 5,"	3' 10"	4' 0"	4' 0"	4 2"	<b>4</b> . ω	3' 9"	3' 9"	3' 9"	3' 10"	BRACES	NO
	7' 5"	8 5"	8 5"	8, 5,	ය <sub>.</sub>	7' 3"	8' 5"	B, 5,	8 5	6' 5"	7' 6"	7' 7"	7' 8"	7' 8"	6' 4"	7' 4"	7' 4"	7' 8"	5' 3"	6' 1"	6' 2"	6' 8"	6' 8"	5. 2.	6'0"	6' 0"	6' 8"	GROUP A	(1) 1X4 "L"
	7' 5"	8' 7"	B' 5"	9' 1"	9' 1"	7' 3"	8, 5,	8' 5"	8' 8"	6' 5"	7' 6"	7' 7"	1 -	B, 3,	6' 4"	7' 4"	7' 4"	7' 10"	5' 3"	6' 1"	6' 2"	7' 2"	7' 2"	5 2"	6'0"	6' 0"	6' 10"	GROUP B	," BRACE •
	9' 10"	10' 0"	10' 0"	10' 0"	10' 0"	9' 7"	10' 0"	10' 0"	10' 0"	8' 6"	9' 1"	9' 1"	9' 1"	9' 1"	8' 4"	9' 1"	9' 1"	9' 1"	6' 11"	7' 11"	7' 11"	7' 11"	7'11"	6' 9"	7' 11"	7' 11"	7' 11"	GROUP A	(1) 2X4 "L"
MAS	9' 10"	10' 6"	10' 6"	10'9"	10′9″	9' 7"	10' 0"	10' 0"	10' 3"	8' 6"	9' 6"	9' 6"	9' 9"	9' 9"	8' 4"	9' 1"	9' 1"	9' 4"	6' 11"	8' 0"	8' 1"	8' 6"	8' 6"	6' 9"	7' 11"	7' 11"	8' 1"	GROUP B	" BRACE *
C MIA	11' 11"	11' 11"	11' 11"	11' 11"	11' 11"	11' 11"	11' 11"	11' 11"	11' 11"	10' 10"	10' 10"	10' 10"	1		10' 10"	10' 10"	10' 10"	10' 10"	9' 4"	9' 5"	9' 5"	9' 5"	9' 5"	9' 1"	9' 5"	9' 5"	9 5"	GROUP A	(2) 2X4 "L"
	12' 3"	12' 6"	- 4	12' 10"	12' 10"	11' 11"	11' 11"	11' 11"	12' 3"	11' 1"	11' 4"	11' 4"	11' 8"	11' 8"	10' 10"	10' 10"	10' 10"	11' 1"	9' 4"	9' 11"	9' 11"	10' 2"	10' 2"	9' 1"	9' 5"	9'5"	9' 8"	GROUP B	BRACE **
	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"		13' 3"	14' 0"	14' 0"	14' 0"		12' 11"	14' 0"	14' 0"	14' 0"	10' 10"	12' 5"	12' 5"	12' 5"	12' 5"	-	12' 3"		12' 5"	GROUP A	(1) 2X6 "L"
	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	13' 3"		14' 0"	14' 0"	14' 0"	12' 11"	14'0"	14' 0"	14'0"	10' 10"	12' 6"	12' 8"	13' 5"	13′ 5″		12' 3"	12' 4"	12' 9"	GROUP B	" BRACE *
	14'0"	14' 0"	14' 0"		14' 0"		14' 0"	14' 0"		14' 0"	14' 0"	14' 0"	14' 0"		14' 0"		14' 0"	14' 0"	14' 0"	14' 0"		14' 0"	14' 0"		14' 0"	14' 0"	14' 0"	GROUP A	(2) 2X6 "L"
	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"		14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"		14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	GROUP B	BRACE **





MEMBER LENGTH.

"L" BRACING MUST BE A MINIMUM OF 80% OF WEB

REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH

0	0, 0
LIVE LOAD DEFLECTION CRITERIA IS 1./240	GABLE TRUSS
RITERIA	DETAIL
1./240	NOTES:

SOUTHERN PINE

DOUGLAS FIR-LARCH

#2

#2

PROVIDE UPLIFT CONNECTIONS FOR 80 PLF OVER CONTINUOUS BEARING (5 PSF TC DEAD LOAD).

GABLE END SUPPORTS LOAD FROM 4'0"
OUTLOOKERS WITH 2'0" OVERHANG, OR 12"
PLYWOOD OVERHANG.

ATTACH EACH "L" BRACE WITH 10d NAILS.

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

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

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

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

	2X4		ESS THAN 11' 6"	ESS
_		BUT	EATER THAN 4' O" BUT	ATER
	1X4 OR 2X3		3S THAN 4' 0"	HI S
	NO SPLICE		VERTICAL LENGTH	VERT
	TE SIZES	PLAT	ABLE VERTICAL PLATE SIZES	ABLE

GREATER THAN 11' 6"

2.5X4

REFER TO COMMON TRUSS DESIGN FOR PEAK, SPLICE, AND HEEL PLATES.

BRACING. REFER DI BEX (BUILDING COMPONENT) FOR SHAFTY INFORMATION, PUBLISHED BY PH (TRUSS PLAND BRACING, REFER DI BEX) GUILDING COMPONENT SHAFTY INFORMATION, PUBLISHED BY PH (TRUSS PLAND INSTITUTE, 218 HORTH LEE STR., SUITE 312, ACEVANDRIA, AR 22314) AND VICA CAUDD TRUSS COUNCIL DE LOUISTINS. UNLESS CHEEPAYSE, LI, MADISON, ALL SAFEYY PRACTICES PROBERLY ATTACHED STRUCTURE. CONTINUE TO BAND THE PROPERTY ATTACHED RIGID CEILING.

MAIL BE RESPONSIBLE TO BE ANY EXPLAITION FROM THIS DESIGN ANY FLUID CONTROL THE TOB ANY EXPLAITION FROM THIS DESIGN ANY FLUID. BE TO BAND THE TOB ANY EXPLAITION FROM THIS DESIGN ANY FLUID. BE THE HOUSE TO BLUE OF THE STRUCTURE TO STRUCT

ITWBUILDING COMPONENTS GROUP, INC. POMPANO BEACH, FLORIDA

ALPINE

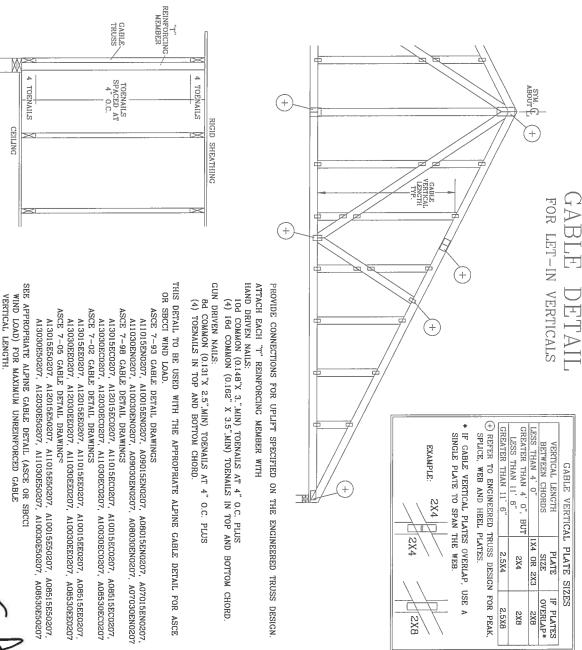
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	MAX.	PERM	MAX.			
	MAX. SPACING 24.0		MAX. TOT. LD. 60 P			
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	24		60			
	$\sim$		7			

REF ASCE7-02-GAB11015

DATE 2/23/07

DRWG A11015EE0207

-ENG



_			
		LATES.	SPLICE, WEB AND HEEL PLATES.
	FOR PEAK,	RUSS DESIGN	(+) REFER TO ENGINEERED TRUSS DESIGN FOR PEAK,
	2.5X8	2.5X4	GREATER THAN 11' 6"
	200	NAT.	LESS THAN 11' 6"
	BAG	AAG	GREATER THAN 4' O", BUT
	8XS	1X4 OR 2X3	LESS THAN 4' 0"
	OVERLAP*	SIZE	BETWEEN CHORDS
	IF PLATES	PLATE	VERTICAL LENGTH
	ZES	PLATE SI	GABLE VERTICAL PLATE SIZES

TOENAIL

TOENAIL

2X4 "T" REINFORCING MENBER

2X6 "T" REINFORCING MEMBER

WEB LENGTH INCREASE W/ "T" BRACE

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

APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR 2X4 "L" BRACE, GROUP A, OBTAINED FROM THE VERTICAL SPECIES, GRADE AND SPACING) FOR

TO CONVERT FROM "L" TO "T" REINFORCING MEMBERS, MULTIPLY "T" FACTOR BY LENGTH (BASED ON GABLE

Ξ

	-	125	_				_											-		_		
1																						
	30 FT	70 MPH	15 FT	70 MPH	30 FT	80 MPH	15 FT	80 MPH	30 FT	90 MPH	15 FT	90 MPH	30 FT	100 MPH	15 FT	100 MPH	30 FT	110 MPH	15 FT	110 MPH	AND MRH	WIND SPEED
	2 <b>x</b> 6	2 <b>x4</b>	2 <b>x</b> 6	2x4	2x6	2x4	2 <b>x</b> 6	2 <b>x4</b>	2 <b>x</b> 6	2x4	2 <b>x</b> 6	2x4	2 <b>x6</b>	2 <b>x4</b>	2x6	2 <b>x4</b>	2x6	2x4	2x6	2x4	MBR. SIZE	"T" REINF.
	10 %	2 01	0 %	0 %	20 %	20 %	10 %	7 01	30 %	10 %	20 %	20 %	40 %	10 %	30 %	10 %	50 %	10 %	40 %	10 %	SBCCI	SBOOT
	30 %	20 %	20 %	20 %	40 %	10 %	30 %	20 %	50 %	10 %	40 %	10 %	40 %	2, 01	50 %	10 %	50 %	10 %	50 %	10 %	AUCE	100
								_														

EXAMPLE:

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

Ng. 52212 STATE OF J.B. \*

ITW BUILDING COMPONENTS GROUP, INC POMPANO BEACH, FLORIDA

WHIPDEPLANIES FLEWNIS COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR TITY BCG, INC.

VOLUME RESPONSEDE TOR AND REVIATION FROM THIS DESIGN, ANY PAULURE ID BUILD IN TRUSS
CONFIDENCIES AND THE APPROVED FLOW FROM THIS DESIGN, ANY PAULURE ID BUILD IN TRUSSES
DESIGN CONFIDENCIES AND THE APPROVED FLOW FROM THIS CONFIDENCE AND THE APPROVED FLOW FROM THIS AREA AND THE APPROVED FLOW FROM THE APPROVED FROM THE APPROVED FLOW FROM THE APPROVED FLOW FROM THE APPROVED FROM THE APPROVED FLOW FROM THE APPROVED FLOW FROM THE APPROVED FROM THE APPROVED FLOW FROM THE APPROVED FLOW FROM THE APPROVED FROM THE APPROVED FLOW FROM THE APPROVED FROM THE

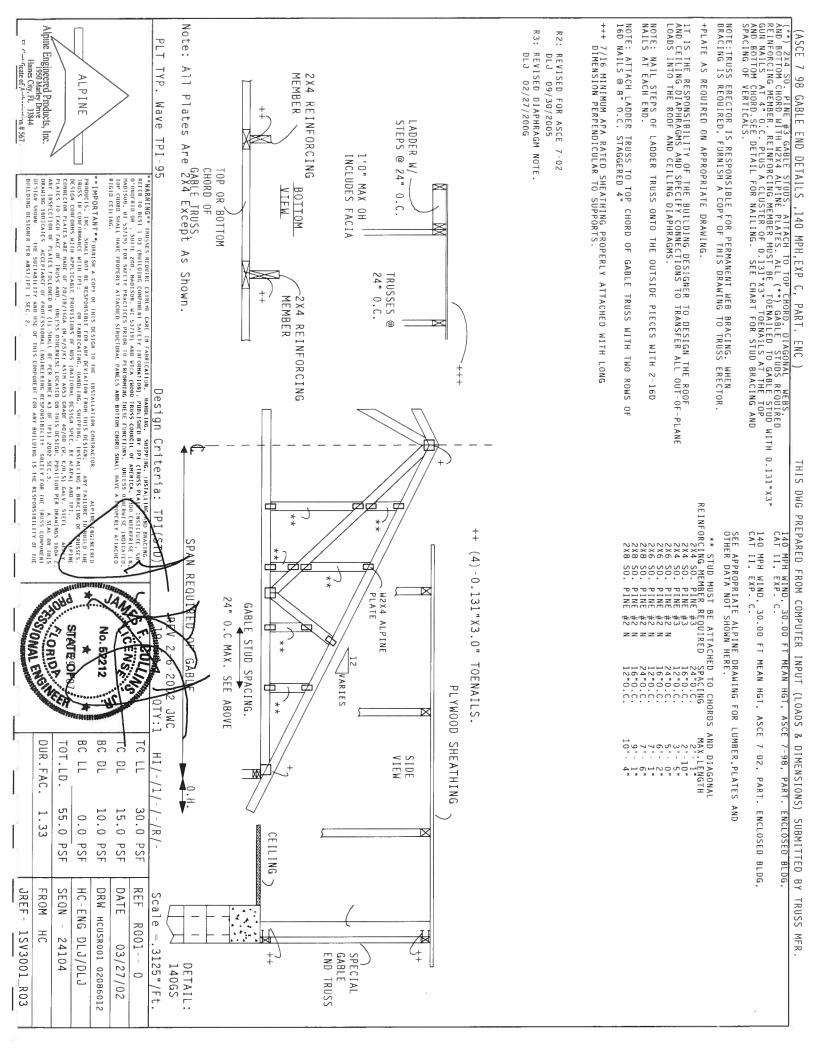
MAVARHINGAM TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACKING, REFER TO BESS (BUILDING COMPONENT SHEETY) INFORMATION, PUBLISHED BY TRY CITRUSS PLATE INSTITUTE, 218 MORTH LEE STR., SUITE 312, ALEXANDRIA, VA. 22314) AND WICK (VOID TRUSS COUNCIL MARRICA, 6300 ENTERPRISE LN. HADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING TASS FUNCTIONS. (MIESSS DITHERVISE MOTORIED, THE OFFICENCY AND SHALL HAVE PROPERTY ATTACHED STRUCTUAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTUAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTUAL

ALPINE

REPLACES DRAWINGS GAB98117 876,719 & HC26294035

DRAWI

MAX SPACING MAX TOT. LD. DUR. FAC. ANY 60 PSF 24.0" DRWG DATE GBLLETIN0207 2/23/07 DLJ/KAR LET-IN VERT



Ξ 140 MPH WIND. ROOF, CAT Ι. 30.0 FT MEAN HGT. ASCE 7-98. PART. ENC. BLDG. II. EXP C. WIND TCDL=5.0 PSF. WIND BCDL=5.0 PSF BLDG, LOCATED ANYWHERE

140 MPH WIND, 30.0 FT MEAN HGT, ASCE 7-02, PART. ENC. BLDG, LOCATED ANYWHERE IN ROOF, CAT II, EXP C, WIND TCDL=5.0 PSF, WIND BCDL=5.0 PSF.

- FOR VERTICAL VERTICAL LESS THAN 4'0": W1X4 GREATER THAN 4'0" BUT NO MORE THAN 11'6":
- SPLICE, PEAK, AND HEEL PLATES T0 MATCH COMMON TRUSS
- 2X4 OR GREATER CHORDS

WILL SUPPORT 4'0" O.C., OR THE LOAD OUTLOOKERS WITH 2'0" OVERHANG (DROP HEEL GABLE) FROM 12" PLYWOOD OVERHANG (NOMINAL HEEL GABLE).

IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO DESIGN THE ROOF AND CEILING DIAPHRAGMS AND SPECIFY CONNECTIONS TO TRANSFER ALL OUT-OF-PLANE LOADS INTO THE ROOF AND CEILING DIAPHRAGMS.

AND 3H.L BUILDING DESIGNER IS RESPONSIBLE FOR THE GABLE SHEAR WALL DESIGN, CEILING ROOF SHEATHING DIAPHRAGM CONNECTIONS, AND ALL TRUSS TO WALL CONNECTIONS.

+ 7/16 MINIMUM APA RATED SHEATHING PROPERLY ATTACHED WITH LONG DIMENSION PERPENDICULAR TO SUPPORTS.

NOTE: NAIL STEPS OF LADDER TRUSS ONTO THE OUTSIDE PIECES WITH 2-16D NAILS AT EACH END.

ATTACH LADDER TRUSS TO TOP CHORD OF GABLE TRUSS WITH TWO ROWS OF 16D NAILS @ 8" O.C. STAGGERED

BRACING DEFINITIONS: NOTE: "END ZONE" EXISTS 18" ŢΑ BOTH ENDS OF VERTICAL WEB

8 1 END ZONES: 2X4 SP #3 "L" 4" OC. BRACE. ZONES. ATTACH WITH 0.128"X3" NAILS @ 2 OC.

Z

BETWEEN

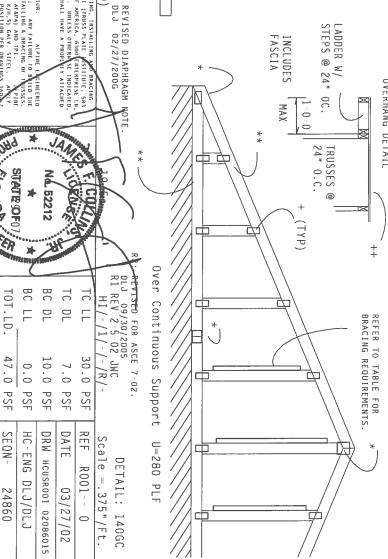
- (2) END 2X4 SP ZONES: #3 "L" BRACES. 6" OC. BETWEFN OC. BETWEEN ZONES. ATTACH EACH HTIW 0.128"X3" NAILS @ يب Z
- $\widehat{\mathbb{L}}$ 2 X 6 ZONES; SP #2 OC. BETWEEN ZONES. BRACE. ATTACH WITH 0.128"X3" **@**

0

(B)

- 9 (2) ZONES: 2X6 SP 6 # 2 BETWEEN ZONES BRACES. ATTACH EACH WITH 0.128"X3" NAILS @ ىن \* 0C. Z

2X4 SP #3 DEFLEC- STUD TION SPACING CRITERI	DEFLEC- TION CRITERIA	NO BRACE	(1) 2X4 *L" BRACE TYPE (A)	(2) 2X4 "L" BRACE TYPE (B)	(1) 2x6 "L" BRACE TYPE (C)	(2) 2x6 "L" BRACE TYPE (D)
24"	Ł/360		3' 1"	4' 2"	6' 3"	8'0"
24 **	L/180		3 * 4 **	5' 7"	6' 3"	11' 0"
16"	L/360		3 * 11 *	5' 3"	7'10"	9'11"
16"	L/180	:	4' 9"	7' 4"	9'6"	11' 0"
12"	L/360	:	4. 7.	6' 1"	8'11"	11' 0"
1 3 #	1 /100		D 1 1 1 1	0 -	1 7 0 8	11 - 0"



ALT.

GABLE SHAPES:

Note: All Plates Are 2 X 4 Except As

PLT TYP.

Shown.

R3:

Wave TPI-95 \*\*WARNING\*\* IRUSSES REDUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING RETER TO BEST 1 D3 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE (RIMISS PLAIE D) CHOURTO BE. SUITE ZOO, HADISON, MI 152719) AND BLCA (HOOD BUSS COUNCIL OF AFERICA, 6300) HADISON, MI 152719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERS TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED. Design Crit: TPI-1995 (STD)

\*\*IMPORTANT\*\*Gurhish a copy of this design to the installation contractor. Alphine Expressions, the status of the restable for any deviation from this design. Any failure to Be restable for any deviation from this design. Any failure to Be restable for any deviation, then the source is tractified a Bracing of Restable Conforms with applicable provisions of MS (MAIDMAL DESIGN ESPEC, BY ATAPA) and TPI. Confiction plates are most of Taylusidae, (H.)1574, ASIM ASIS GRADE 40/50 (M. X.H.)5 (M. V. SITEL, CONTECTOR PLATES ARE MOST OF TAYLOFFED MS (H.) SITEL CONTECTOR THIS DESIGN, POSITION PER BRANING THATES TO EACH FACE OF FROM THE STORM IN THE SESSION OF PLATES TO EACH FACE OF PROFITS OF THE FROM THE METAPOLITY SOLETIVE FOR THE TRUSS OF THE SHOWLE SHOWLE SHOWLE THE METAPOLITY SOLETIVE FOR THE TRUSS OF THE SHOWLE SHOW K/H. S GALV. SIEEL. APPLEADINGS 160-POSITION PER DRAWINGS 160-POSITION PER DRAWINGS 160-POSITION PER A SEAL ON T THI NO

BUILDING DESIGNER PER ANSI/TPI I SEC SOLELY FOR THE TRUSS COMPONENT

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

ALPINE

STONAL FUBILIE

24.0" JREF 1SV3001\_R03

SPACING

DUR.FAC.

. PSF SEQN-24860

2910 SW Co Lake City, F	NSTRUCTION AND DEVELO unty Road 242, lorida 32024		Inst:200712027943 Date:12/19/2007 Time:3:25 F
PERMIT N	0	TAX FOLIO	NO.;
	пот	CE OF COMMENC	EMENT
STATE OF	FLORIDA OF COLUMBIA		
Property at	ndersigned hereby gives not nd in accordance with Chapt in this Notice of Commenc	ter 713, Florida Statu	will be made to certain real tes, the following information
1.	Description of property: Green Acres Addition Subdi	ivision. Lot 2	
2.	General description of impro	ovement: Construction	on of Dwelling
	Owner information:  a. Name and address: CASON CONSTRUCTIO 2910 SW County Road 24 Lake City, Florida 32024	ON AND DEVELOPMI 12.	ENT, INC.
	b. Interest in property: Fe	e Simple	
·	c. Name and address of for Than owner): NONE	e simple title holder (	if other
4.	Contractor: CASON CONST	RUCTION AND DEVI	ELOPMENT, INC.
	Surety N/A a. Name and address: b. Amount of bond:		
6.	Lender: none	,	
Or o	Persons within the State of I other documents may be servida Statutes: NONE	Florida designated by ved as provided by So	Owner upon whom notices cotion 713.13 (1) (a) 7.,
	In addition to himself, Own	to	receive a copy of the Lienor's
	ice as provided in section 71		
9. The	Expiration date of notice of date of recording unless a d	commencement (the different date is specifically	expiration date is 1 year from fied).

The foregoing instrument was acknowledged before me this 19th day of December, 2007, by Mathew D. Coson who are personally known to me and who did not take an oath.

Notal Public
My Commission Expires: 25, 2011





# 

# **COLUMBIA COUNTY, FLORIDA**

artment of Building and Zoning | Inspection

This Certificate of Occupancy is issued to the below named permit holder for the building and premises at the below named location, and certifies that the work has been completed in accordance with the Columbia County Building Code.

Parcel Number 26-4S-16-03185-052

Building permit No. 000026502

Use Classification SFD, UTILITY

Fire: 32.10

Permit Holder MATT CASON

Waste: 83.75

Owner of Building CASON CONSTRUCTION & DEVELOPMENTTotal:

115.85

Location: 164 SW ZEBRA TERR., LAKE CITY, FL

Date: 05/01/2008

**Building Inspector** 

POST IN A CONSPICUOUS PLACE (Business Places Only)

Attention: Weegie

## **Columbia County Building Department Culvert Waiver**

Culvert Waiver No. 000001493

DATE: 12/12/2007 BUILDING PERMIT NO	0. 26502	
APPLICANT MATT CASON	PHONE 752-84	53
ADDRESS 2910 SW CR 242	LAKE CITY	FL 32024
OWNER CASON CONSTRUCTION & DEVELOPMENT	PHONE 752-845	3
ADDRESS 164 SW ZEBRA TERRACE	LAKE CITY	FL 32024
CONTRACTOR MATT CASON	PHONE 752-845	3
LOCATION OF PROPERTY 47 S. R 242. L ZEBRA TERR. 3	BRD LOT ON RIGHT	
SUBDIVISION/LOT/BLOCK/PHASE/UNITGREEN ACRES	ADDITION 2	
PARCEL ID # 26-4S-16-03185-052		
I HEREBY CERTIFY THAT I UNDERSTAND AND WILL FULLY		
COUNTY PUBLIC WORKS DEPARTMENT IN CONNECTION W	VITH THE HEREIN PROPOSED	APPLICATION.
SIGNATURE:		
A SEPARATÉ CHECK IS REQUIRED  MAKE CHECKS PAYABLE TO BCC	<b>Amount Paid</b>	50.00
MARKE CILLERS PATABLE TO SEC		
PUBLIC WORKS DEPARTM	IENT USE ONLY	
I HEREBY CERTIFY THAT I HAVE EXAMINED THIS APPLICA	TION AND DETERMINED THA	AT THE
CULVERT WAIVER IS:		
APPROVED	NOT APPROVED - N	EEDS A CULVERT PERMIT
COMMENTS:		
P-Oto		
SIGNED: Com Plugai	DATE: 12-18-	07
ANY OLIECTIONS DUCASE CONTACT THE BIRLIC WORKS DI	EDADTMENT AT 396 753 5055	

ANY QUESTIONS PLEASE CONTACT THE PUBLIC WORKS DEPARTMENT AT 386-752-5955

135 NE Hernando Ave., Suite B-21

Lake City, FL 32055

Phone: 386-758-1008 Fax: 386-758-2160

