ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID:1T9O215-Z0206174856

Truss Fabricator: W.B. Howland

Job Identification: 4815-/Zoeller Residence /EDGELY CONSTRUCTION -- LAKE CITY, FL

Truss Count: 21

Model Code: Florida Building Code 2004 and 2006 Supplement

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

Engineering Software: Alpine Software, Version 7.36.

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: HCUSR215

Details: Allo30EE-GBLLETIN-BRCLBSUB-All015EE-PIGBACKB-

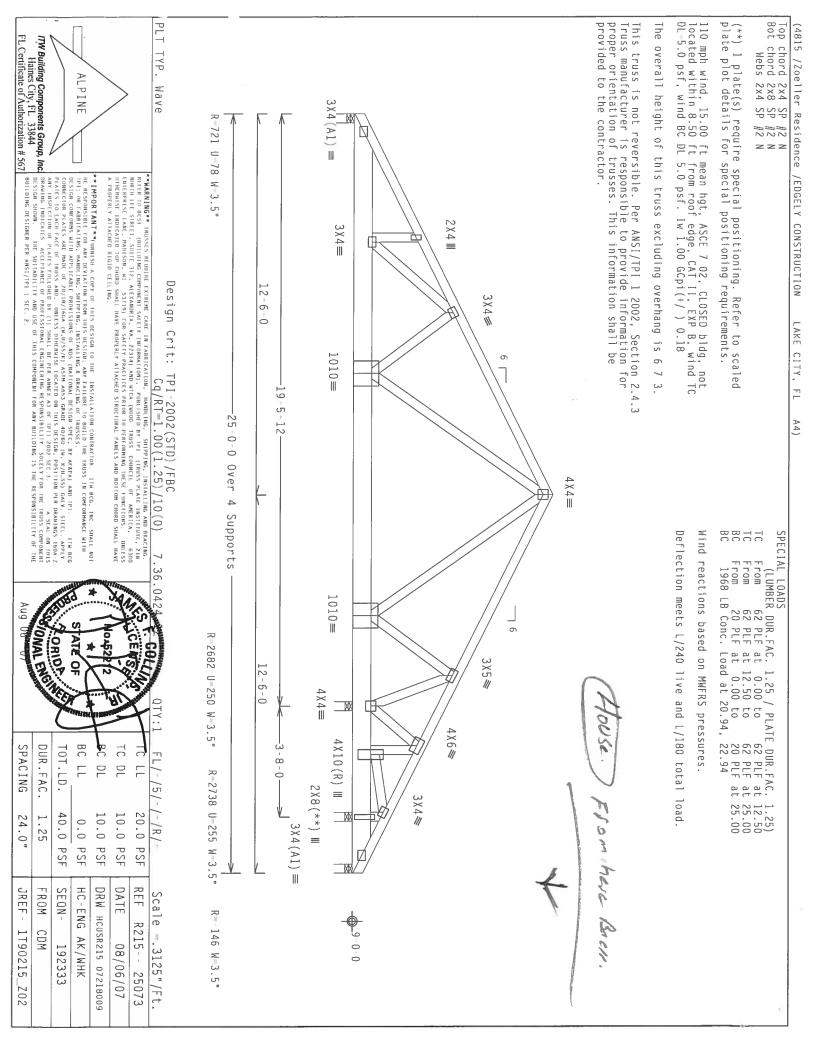
| | # | Ref Description | Drawing# | Date |
|---|----|-----------------|----------|----------|
| | 1 | 25070A1 | 07218022 | 08/06/07 |
| | 2 | 25071A2 | 07218002 | 08/06/07 |
| į | 3 | 25072A3 | 07218008 | 08/06/07 |
| ı | 4 | 25073A4 | 07218009 | 08/06/07 |
| ł | 5 | 25074A5 | 07218003 | 08/06/07 |
| | 6 | 25075A6 | 07218004 | 08/06/07 |
| Ì | 7 | 25076A7 | 07218010 | 08/06/07 |
| ı | 8 | 25077 A8 | 07218011 | 08/06/07 |
| Ì | 9 | 25078A9 | 07218012 | 08/06/07 |
| ı | 10 | 25079A10 | 07218013 | 08/06/07 |
| ı | 11 | 25080A11 | 07218014 | 08/06/07 |
| 1 | 12 | 25081A12 | 07218015 | 08/06/07 |
| | 13 | 25082 A13 | 07218016 | 08/06/07 |
| 1 | 14 | 25083A14 | 07218005 | 08/06/07 |
| 1 | 15 | 25084A15 | 07218017 | 08/06/07 |
| 1 | 16 | 25085A16 | 07218018 | 08/06/07 |
| ı | 17 | 25086JC1 | 07218019 | 08/06/07 |
| ı | 18 | 25087 - JC3 | 07218006 | 08/06/07 |
| | 19 | 25088JE5 | 07218007 | 08/06/07 |
| | 20 | 25089 JH7 | 07218020 | 08/06/07 |
| | 21 | 25090PB1 | 07218021 | 08/06/07 |

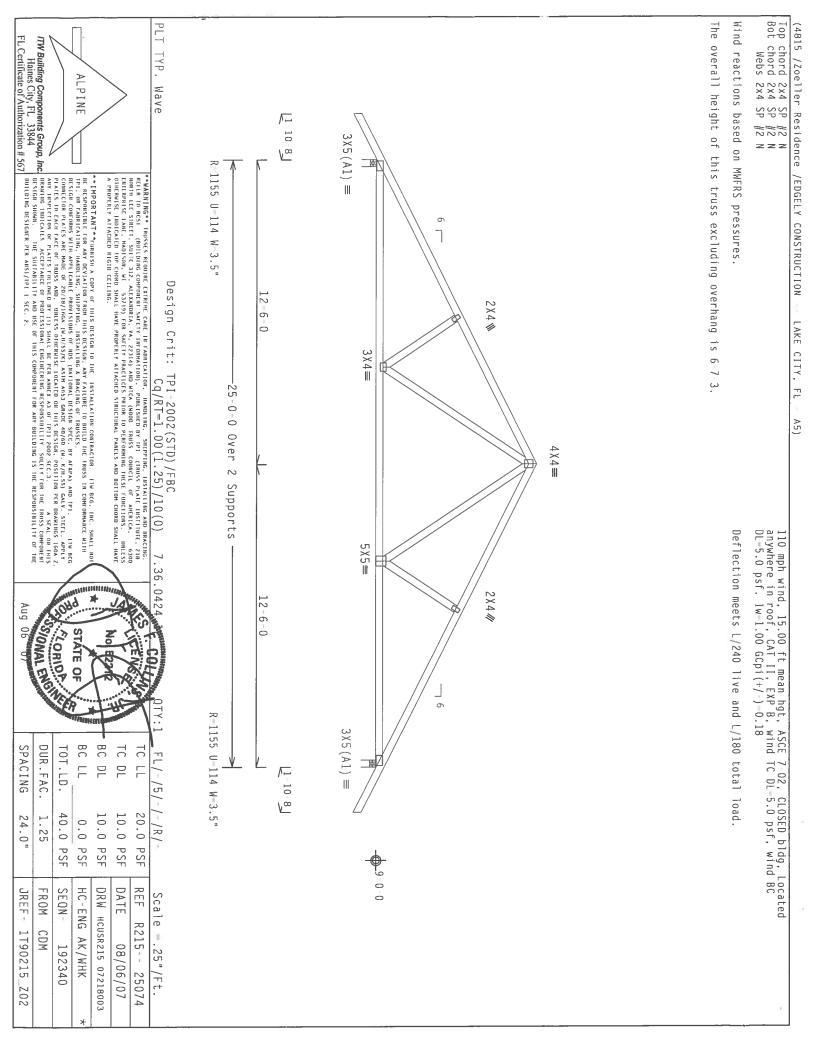
J. KG

Seal Date: 08/06/2007

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







Top chord 2x4 SP / Bot chord 2x4 SP / Webs 2x4 SP / Deflection meets L/240 live and L/180 total load. Wind reactions based on MWFRS pressures. PLT TYP. Note: All Plates See DWGS A11015EE0207 & GBLLETIN0207 for more requirements. (4815-/Zoeller Residence /EDGELY CONSTRUCTION -- LAKE CITY, Haines City, FL 33844
FL Certificate of Authorization # 567 ITW Building Components Group, Inc. R-131 PLF U-20 ALPINE Wave 2 2 2 N N N Are PLF W-25-0-0 2X4 Except As Shown. **IMPORTANT***URBISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FALURE TO BUILD THE RUSS IN COMFORMANCE WITH IP: OR FARRICALING, NAMEDIAG, SHIPPING, HISTALLING A BRACING OF TRUSSES.

DESIGN CONTORNS WITH APPLICABLE PROVISIONS OF NDS (MATIONAL DESIGN SPEC, BY AFAPA) AND TPI. THY BCG
CONNECTOR PLATES ARE HADE OF ZO/18/16GA (M.1/8/S/K) SASH A633 GRADE 40/560 (M. X)H.SS) GALV. STEEL APPLY
PLATES TO EACH TACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION FOR BRACHES (BGA-Z
ANY HASSECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANIMES AND OF 1911-2002 SEC. 3. A SEAL ON THIS **WARNING** TRUSSES BEDUIRE EXTREME CARE IN FARRICATION, IMADELING, SHIPPING, INSTALLING AND BRACING. RELER TO BEST (BUILDING COMPONINT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, ZIB MORIH LEE STREIT, SUITE 317, ALEXANDRIA, VA, Z2314) AND MICA (MODO TRUSS COUNCIL O AMERICA, 6300 CHIERPAISE LANE, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PREFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICALED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF 1P11-2 DRAWLING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY 6 Design Crit: 12-6 0 TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) Ę 25-0-0 Over Continuous Support A6) $4 \times 4 =$ 5×5= 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC 0L=5.0 psf, wind BC 0L=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 The overall height of this truss excluding overhang is 6-3-4. STATE CORIOR 12-6 0 9 BC LL BC DL TC DL DUR.FAC. TC LL SPACING TOT.LD. FL/-/5/-/-/R/-40.0 10.0 PSF 20.0 1.25 10.0 PSF 24.0" 0.0 PSF PSF PSF FROM SEQN-DATE REF JREF-DRW HCUSR215 07218004 HC-ENG Scale R215--1T90215_ =.3125"/Ft AK/WHK 08/06/07 192344 25075 Z02

Top chord 2x4 SP #2 N :T2, Bot chord 2x4 SP SS Webs 2x4 SP #2 N Wind reactions based on MWFRS pressures Calculated vertical deflection is 1.03" due to 1.01" due to dead load at X \equiv 19 0-0. In lieu of structural panels use purlins to brace all flat TC @ $24\,^{\circ}$ OC. PLT TYP. Note: All Plates Are 3X4 Except As Shown. 4815 / Zoeller Residence / EDGELY CONSTRUCTION ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567 ALPINE 20 Gauge HS, Wave 1 10 8 3X10(A1) =R-1653 U-184 W-3.499" **IMPORTANT***URBISM A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BEG. INC. SMALL NOT
BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN. ANY FAILURE TO DULLD THE TRUSS IN COMPORMANCE HITM
THE ON FARRICALING, MANDLING, SHIPPING, INSTALLING A BRACHING OF TRUSSES, WATARA) AND THE
DESIGN COMPORTS HITM APPLICABLE PROVISIONS OF HOS (MATIONAL DESIGNS SPEC, BY ATARA) AND THE ITH BEG
COUNTECTOR PLATES ARE HADE OF ZO/1819/GAA (M.1875/Y) ASTH AGES GRADE 40/60 (M. KMI.SS) GALV. SITEL. APPLY
PLATES TO EACH FACE OF TRUSS AND, UNICES DIMERNIST LOCATED ON HIS DESIGN, POSITION PER DRAWHINGS 160A-Z.
ANY HISPECTION OF PLATES TOLLOHED BY (1) SMALL BE FER ANIREX AS OF THE FOOT SEC.). A SEAL ON THIS
DESIGN SHOWN. THE SHITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE
DESIGN SHOWN. THE SHITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE **WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, IMADDING, SHIPPING, INSTALLING AND BRACING. RELER TO BEST (BUTLOTHS COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 221B 100 TRUSS COUNCEL OF AMERICA, 6300 EUROFERENT, SUITE 312. ALEXANDRIA, VA, 27314) AND MICA (4000 TRUSS COUNCEL OF AMERICA, 6300 EURIFERPISE LANE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWIST HOLDS ANALESTED OF CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED REGIONS OF THE SAFETY ATTACHED RESIDENCE. T3 2x4 SP SS: 2 X 4 Ⅲ 0 ά 6 X 1 0 ≡ Design Crit: 4 X 1 0 ≡ 2 X 4 III live load LAKE CITY, FL 72 TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) HS412≡ 2 X 4 III 38-0-0 0ver 5 X 6≡ 24 - 3 - 04 X 8≡ 2 Supports Calculated horizontal deflection is 0.15" due to live load and 0.14" due to dead load. 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 The overall height of this truss excluding overhang 0300 PMI ESS 7.36.0424 4 X 8 ≡ 2 X 4 III CORIOR ATE OF HS412≡ 2X4 III 6X10≡ BC LL BC DL DUR.FAC. TC DL 1 SPACING TOT.LD. FL/-/5/-2 X 4 III 10-8 R-1653 U-184 W-3.5" 3X10(A1) =20.0 24.0" 1.25 40.0 10.0 PSF /-/R/ 10.0 PSF 0.0 W 1 10 8 PSF PSF PSF is 2-0 DATE FROM REF SEQN-HC-ENG DRW HCUSR215 07218010 8 JREF-Scale = .1875"/Ft. R215--1T90215_Z02 AK/WHK 08/06/07 192353 25076

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 Top chord 2x4 SP #2 N :T2, Bot chord 2x6 SP SS Webs 2x4 SP #2 N Deflection meets L/240 live and L/180 total load. #1 hip supports 5:0:0 jacks with no webs Wind reactions based on MWFRS pressures. PLT TYP. Note: All Plates Are 2X4 Except As Shown. The overall height of this truss excluding overhang is 1-6-4815-/Zoeller Residence /EDGELY CONSTRUCTION ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 567 ALPINE 20 Gauge HS, Wave 1 10 8 $4 \times 6 (A1) \equiv$ w 2450 U-237 W-3.499" **IMPORTANT**TUBBLISH A COPY OF THIS DISIGH TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL HOT BE RESPONSIBLE FOR ARY DEVIATION FROM THIS DISIGH. ANY FALURE TO BHILD THE TRUSS IN COMPORMACE WITH FD: ON FARREACHING, MENDELING, SUPPORE, BY ALLING A BRACHE OF TRUSSES. IN COMPORMACE WITH PD: ON FARREACHING, THE PROVISIONS OF HOS (MALIDIAG BERCHE SPEC, BY AFAPA) AND TOT. IT IN BCG CONNECTION PARTES ARE AND TOTAL FOR THE OF ZOLFH PAGEA (M. HUSSES) AND ADDITIONAL DESIGNAL PAGEO (M. K.H., SS) GALV. SITEL. APPLY PLATES TO FACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION FOR BRAHINGS 160A-Z. ANY INSPECTION OF PARTES FOLLOWED BY (1) SHALL BE PER ATHER X.3 OF FD: ZODOS SEC. 3. AS S.A. ON THIS DESIGN SOURCE OF TRUSS COMPORERY OF THE SULFACE OF PROFESSIONAL REGULERING RESPONSIBILITY SOLECY FOR THE TRUSS COMPORERY DESIGN SOURCE OF THE SULFACE OF THE 3 \ 4 ≡ G **WARNING** TRUSSES REQUIRE EXTREME CARE IN FARRICATION, HARDLING, SHIPPING, INSTALLING AND BRACING, RELIE TO BEST. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE (1805S PLATE INSTITULE, 210 MB HOWN LUE SHELT, SHITE 312, ALEXANDRIA, VA, 22134) AND HICA (MODD TRUSS COUNCIL OF AMERICA, 6300 THIREPRESE LANE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HIESE FUNCTIONS. UNLESS OTHERWISE HOLDSLAGED FOR GABES SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE T3 2x6 SP #2 Dense: 0 0 $3 \times 4 \equiv$ 8X10≡ 4 X 1 0 ≡ Design Crit: 3X5≡ LAKE CITY, FL HS612≡ TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0) 3 X 4≡ 4 X 8 ≡ 38-0-0 A8) 3 X 4≡ 7 X 6≡ 0ver 28 4 X 8≡ 0-0 2 Supports 3 X 4 ≡ Nailing Schedule: (0.131"x3"_Gun_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting. In lieu of structural panels use purlins to brace all flat TC $24\,\text{\ensuremath{"}}$ OC. 2 Calculated vertical deflection is 1.13" 1.18" due to dead load at X=19 0 0. HS612≡ COMPLETE 7.36.0424 3 X 4 ≡ 4 X 8≡ TONAL ENGINEE TRUSSES REQUIRED 3 × 5 ≡ 4X10= 8X10≡ BC LL 3 X 4≡ BC DL TC DL SPACING C DUR.FAC. TOT.LD. FL/-/5/-/-/R/due to live 5-0-0 $4X6(A1) \equiv$ -2450 U-237 W-3.5" 3 X 4 ⊯ 40.0 10.0 20.0 24.0" 1.25 10.0 PSF 0.0 1 10 8 PSF PSF PSF PSF load and DATE REF FROM SEQN-DRW HCUSR215 07218011 JREF HC-ENG Scale = .1875"/Ft. R215--1T90215 _10-0-0 AK / WHK 08/06/07 25077 202

Top chord 2x4 SP | Bot chord 2x4 SP | Webs 2x4 SP | Wind reactions based on MWFRS pressures. See DWGS All030EE0207 & GBLLETIN0207 for more requirements. Note: The overall height of this truss excluding overhang Deflection meets L/240 live and L/180 total load (4815-/Zoeller Residence /EDGELY CONSTRUCTION ---ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 567 TYP. 0 All Plates 0 ALPINE Wave 3X5 (D1 #2 N N 131 Are PLF 2 X 4 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BEG, INC. SHALL NOT BE RESPONSIBLE FOR NAW DEVIATION FROM THIS DESIGN, ANY FALLURE TO BHILD THE TRUES IN COMPORMANCE WITH IPT: OR FAREICALING, HANDLING. SHEPPING, HISALLING A BRACHING OF TRUESES.

DESIGN COMPORTS WITH APPLICABLE PROVISIONS OF HIDS (MATIONAL DESIGN SPEC, MY ATAPA) AND THI. ITH BEG COMMECTION PLATES ARE THE APPLY SHOWN OF THE STATE OF THE STATE OF THE APPLY SHOWN OF THE STATE OF THE BRAHINGS 160A-Z. ANY INSPECTION OF PLATES OFFICE OF THE STATE OF THE PROVISION OF THE STATE OFFICE OF THE STATE OF THE STAT **WARNING** IRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSIGLLING AND BRACING.
RETER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY FPI (TRUSS PLATE INSTITUTE, 218
MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 22314) AND WICA (WOOD IRUSS COUNCIL OF AMERICA. 6300
ENLERBRISE LAND, HADISON, HI \$3719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HIRES FUNCTIONS. UNLESS
OTHERWISE INDICALID FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING 26 Except As Shown. 6 PLF Ξ 23-0-0-5×6# 24-0-0 14 0 0 Design Crit: 5 X 6≡ LAKE CITY, PLF 8 is \Box 0 12 16 PLF W 18 0 TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0) 0 0ver 드 5 X 6≡ ယ A9) Supports 0 0 126 5 X 6≡ PLF \subseteq 25 WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below. 110 mph wind, 15.16 ft mean hgt, ASCE 7 02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 Gable end supports 8" max rake overhang. 24-0-0 (A) Continuous lateral bracing equally spaced on member 5×6/ PLF Bracing shown in referenced gable detail may be used in lieu of web bracing indicated on this drawing. Ξ 16 0 Aug SSONAL ENGINEE STATE 3X5(D1) $\parallel \parallel$ BC LL BC DL TC DL SPACING DUR.FAC. TOT.LD. C FL/ -/5/-/ 9-0-0 40.0 10.0 1.25 20.0 24.0" 0.0 10.0 PSF -/R/ PSF PSF PSF PSF FROM SEQN DATE REF JREF-HC-ENG DRW HCUSR215 07218012 Scale R215--=.125"/Ft. 1T90215 AK/WHK 08/06/07 192282 25078 _202

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP In lieu of structural panels use purlins to brace all flat TC $24\ensuremath{^{"}}\xspace$ 0C. Wind reactions based on MWFRS pressures. The overall height of this truss excluding overhang is 11-1-0. PLT TYP. 4815 / Zoeller Residence / EDGELY CONSTRUCTION ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 567 ALPINE Wave 3X5(A1) =10 ### 222 NNN 615 :82, **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE THISTALLATION CONTRACTOR. THE BCG. THC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE THUSS IN COMPORANCE WITH THIS DESIGN. ANY FAILURE TO BUILD THE THUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF ONDS (MATIONAL DESIGN SPEC, BY ATRA) AND TPI. THE GOOD CONFUCTION FOR THE PROVISIONS OF ONDS (MATIONAL DESIGN SPEC, BY ATRA) AND TPI. BCG. CONFUCTION FOR THE SECOND THIS DESIGN. POSITION FER DRAWHINGS THE APPLY FAMILY TO EACH FACE OF TRUSS AND. INJECTS OFFICERS (MATIONAL DESIGN SPEC, BY ASTA) AND THIS DESIGN, POSITION FER DRAWHINGS THAT ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FUR ARMICK AS OF FPIL 2002 SEC. 3. A STAL ON THIS DESIGN SPEC, BY ASTA ON THIS DESIGN SPEC, BY ASTA ON THIS DESIGN SPEC BY A STALL ON THE SPECIAL SPECIA **WARNING** TRUSSES REQUIRE EXTREME CARE IN FARRICATION, MANDEING, SHIPPING, INSTALLING AND BRACING. RETER TO BEST (BUILDING COMPONER) SAFETY INFORMATION), PUBLISHED BY THE (TRUSS PLATE INSTITUTE, 218 MORTH LE STREET, SUITE 127. ALEXANDRIA, NA, 22214) AND MICHA (MODO TRUSS COUNCIL OF AMERICA. 6300 ENTERPRISE LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OBJECTIVE AND SOFT AND SOFT OF THE PROPERTY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED RIGHD CELLING. 65 W 3.5 B3 2x6 SP 6 13-10-4 13-8-4 $3 \times 4 \equiv$ 5×6// Design Crit: 2X4 III 7 X 8 == 2X4 III $^{\infty}$ (A) -1378 U-119 W-3.5" LAKE CITY, FL 3×4/ В2 48-0-0 Over Ö TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0) 7 X 8 ≡ 5 X 6≡ 18-7-8 5 0 10 18-3-8 (A) A10) 4 2 X 4 III 5 X 8 ≡ Supports В3 2 X 4 III 2X4 III 7 X 8≡ R=1533 U-158 W-3 WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Wind BC DL=5.0 psf. lw=1.00 GCpi(+/-)=0.18 Deflection meets L/240 live and L/180 total load (A) Continuous lateral bracing equally spaced on member 7.36.0424 6 21-5-11 5 X 8 🚚 3 X 4≡ Menter Commenter of the Comment of t 3 X 4 ≡ 15-8-4 SCONAL ENGRAPES STATE 2X4/ R = 678 $3X5(A1) \equiv$ * U=62 W=3.5" 10-8 TBC LL TC DL BC DL DUR.FAC TOT.LD. FL/-/5/-/-/R/ 9-0-0 10 - 0 - 040.0 10.0 10.0 20.0 1.25 0.0 PSF PSF PSF PSF PSF FROM SEQN DATE REF HC-ENG DRW HCUSR215 07218013 Scale = .125"/Ft. R215--AK/WHK 08/06/07 192293 25079

BUILDING DESIGNER PER ABSI/TPI I SEC. 2.

Aug

SPACING

24.0"

JREF .

1T90215

Z02

(4815 /Zoeller Residence /EDGELY CONSTRUCTION LAKE CITY, Ŧ A11)

Top chord 2x4 SP #2 N Bot chord 2x4 SP #2 N Webs 2x4 SP #2 N :B2, B3 2x6 SP SS:

Wind reactions based on MWFRS pressures.

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

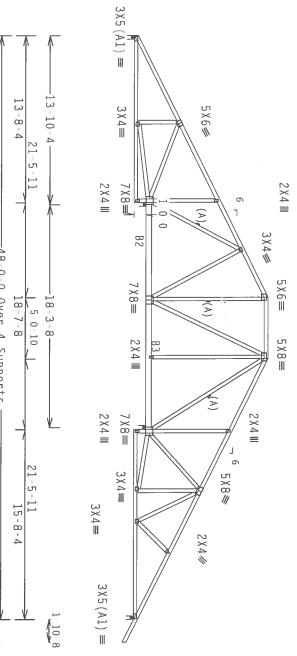
The overall height of this truss excluding overhang is 11-1-0

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

(A) Continuous lateral bracing equally spaced on member

Deflection meets L/240 live and L/180 total load

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



9-0-0

R-1365 U-117 W-3.5" Design Crit: 48-0-0 Over 4 Supports TPI=2002 (STD) /FBC Cq/RT=1.00(1.25) /10(0) R = 15390 = 159¥=3 . 5 R 680 U-62 W-3.5"

PLT

TYP.

Wave

491

U 43 W 3.5"

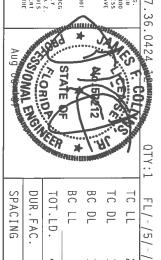
HARNING IRUSCES BEQUIRE CARENE CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.
MELER TO BEST (BULLDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE (TRUSS PLATE INSTITUTE, 218
HORTH LEE SIREET, SUITE 312, ALEXANDRIA, VA, 22313) AND MICA (MODD TRUSS COUNCIL OF AMERICA, 6300
LHILEPRISE LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE CHNICTIONS. UNLESS
OTHERMISE HOLDING THOSE SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE
A PROPERLY ATTACHED REGIOD CELLING.

IMPORTANTTHRHISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE MCG. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FALLURE TO BRILD THE TRUSS IN CONFORMANCE HITM PI: OR FARECKING. HANDLIGG. SHEPPIG. INSTALLING A BRACING OF TRUSSES.

DISTOR COMPORES WITH APPLICABLE PROVISIONS OF HOS SHATIONAL DESIGNS SPEC. BY ATAPA) AND FIL. ITH RCG CONNECTION FALES ARE HADEOUT PROVISIONS OF HOS SHATIONAL DESIGNS SPEC. BY ATAPA) AND FIL. SHEEL. APPLY PLATES TO FACIL FACE OF TRUSS AND. UNITES DIHLERISE LOCATED ON HIS DESIGN. POSITION FER DRAWHIGS SHOW A. ANY HISPECTION OF PLATES OFLOCHED BY CI) SHALL BE FER ANIEZ AS OF FILE 2002 SEC. 3. A SAL ON THIS DESIGN AND FALES OF PROFESSIONAL ENGLIFERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SULFABLITY AND MEED AS OFTEN AS A SEAL ON THIS DESIGNED BY A SHATING AND SHOWN AND

ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 567

ALPINE



| - STATES | Hell | THE | FEIRI | 212 | 120 | |
|-------------------|----------|---|---------------|-----------------------|---------------|----------------|
| SPACING | DUR.FAC. | TOT.LD. | BC LL | BC DL | TC DL | TC LL |
| 24.0" | 1.25 | 40.0 PSF | 0.0 PSF | 10.0 PSF | 10.0 PSF | 20.0 PSF |
| JREF- 1T90215_Z02 | FROM CDM | SEQN- 192298 | HC-ENG AK/WHK | DRW HCUSR215 07218014 | DATE 08/06/07 | REF R215 25080 |

'-/R/-

Scale =.125"/Ft.

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP In lieu of structural panels use purlins to brace all flat TC 24" $\ensuremath{\text{OC}}.$ PLT Wind reactions based on MWFRS pressures The overall height of this truss excluding overhang is 11^+1^-0 4815 /Zoeller Residence /EDGELY CONSTRUCTION ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 567 TYP. ALPINE Wave 3X5(A1) =### 222 N N N 484 U-44 W-3.5" :B2, **IMPORTANT** FIRBLE IA CODY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVLATION FROM THIS DESIGN, ANY FALURE TO BHILD THE TRUSS IN COMPORMANCE WITH IN THE OR FAREACHING, INMINITURE, SUPPLIE, INSTALLING A BRACEING OF TRUSSES.

DESIGN CONTROLLES AND HER PROVISIONS OF HIS GRALIDAR BRACEING SPEC, BY ATRAY AND THE IT BCG COMMERCIONS PLATES AND THE SECOND PROVISIONS OF HIS GRALIDAR BRACHING SPEC, BY ATRAY AND THE LIKE APPLY PLATES TO EACH FACE OF TRUSS. AND, HIRLS OTHERWISE LOCATED ON HIS DESIGN, POSITION FOR BRAHHINGS 160A. Z. ARY HISSECTION OF PLATES TOLLOWED BY (1) SHALL BE FER ANDER AS OF THIS DOOS SEC. 3. AS SEAL ON THIS DESIGN SHOWN.

DESIGN SHOWN. HE SULFABLE OF PROVISSIONAL ENGLIFICATION RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF SHALL AND SHEED AND SECOND SEC. 3. ***MARNIBG** RRUSSIS REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RRITER TO BEST (BUILDING COMPONENT SAFETY HYDOMATION), PUBLISHED BY FPI (TRUSS PLATE INSTITUE, 218 MORTH LE STREET, SUITE 312, ALEXANDRIA, WA, 22214) AND WICK (MODD TRUSS COUNCIL OF AMERICA, 6300 ENLIGENESSE LAWE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERCORNING INESS FUNCTIONS. UNLESS CHIRECTICATED OF CONDED SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A TROPERLY ATTACHED ATTACHED ATTACHED RIGHD ELILING. 13 13 - 10 - 45×6# $3 \times 4 \equiv$ B3 2x6 SP ά 4 2 X 4 III #2 N: 2 X 4 III 7 X 8≡ Design Crit: R-1373 U-116 W-3.5" \odot 3X4 / В2 LAKE CITY, FL 48-0-0 Over 0 7 X 8 **≡** 5 X 6≡ TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 17-10-4-.8-3-1 Ē 5 0 10 **@** 4 2 X 4 III $\widehat{\geq}$ 5 X 8 = A12) Supports ВЗ 2 X 4 III 7 X 8≡ 2 X 4 III R = 1511WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/)=0.18 Deflection meets L/240 live and L/180 total load. (A) Continuous lateral bracing equally spaced on member 6 U=155 W-4.95" 5X8# 21 - 5 - 11 $3 \times 4 =$ 36.042 16-0-11 $3 \times 4 =$ 2 X 4 / SONAL ENGLAS R 711 U 67 W 3.5" 3X5(A1) =1 10 8 BC LL BC DL TC DL TC LL SPACING DUR.FAC. TOT.LD. FL/-/5/-/-/R/ 9-0-0 10-0-0 40.0 20.0 10.0 10.0 PSF 24.0" 1.25 0.0 PSF PSF PSF PSF FROM SEON DATE REF JREF-HC-ENG DRW HCUSR215 07218015 Scale R215--=.125"/Ft. 1790215 AK / WHK 08/06/07 192305 25081

Aug

Z02

(4815-/Zoeller Residence /EDGELY CONSTRUCTION - LAKE CITY, FL - A13)

Top chord 2x4 SP #2 N Bot chord 2x4 SP #2 N :B2 2x6 SP #2 N: Webs 2x4 SP #2 N

Wind reactions based on MWFRS pressures.

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

@

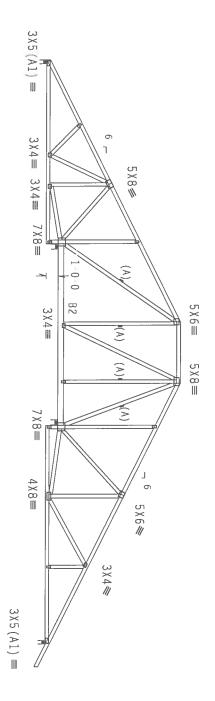
The overall height of this truss excluding overhang is 11-1-0.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

(A) Continuous lateral bracing equally spaced on member.

Deflection meets L/240 live and L/180 total load.

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







Note: All Plates Are 2X4 Except As Shown.

Design Crit:

PLT TYP.

Wave

Design Crit: TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0) 7. **Marning** inusses being exarphe care in particular, inabiling, shipping, installing and bracing. Reter to mest (multipling component safety information), furblished by tpi (husse plate institute, 218 hobit lee street, suit 312, alexandria, va. 22314) and with quodo husses council of affects, 6300 therefore the council of safety affects prior to performing these functions. Unless otherwise indicators indicators in the council of affects of the council of the council

IMPORTANT*URMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, THC. SHALL NOT BLE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE BRUSS IN COMPORMANCE WITH IP: OR FARBLEATHER. HIS MILLING A BRACHIGO F BRUSSES.

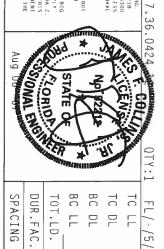
DESIGN CONTROWS HITH APPLICABLE PROVISIONS OF UNDS (MATIONAL DESIGN SPEC, BY ATAPA) AND TP!. ITH BCG CONNECTOR PLATES ARE HADE OF ZO/TB/H/HGG (M.H/SS/K) ASTH, A653 GRADE 40/60 (M.K/M.SS) GALV. SITEL. AMPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OHICHAELS LOCATED ON THIS DESIGN, POSITION PER DRAH/HMS 160A Z. ANY THSPECTION OF TRATES FOLLOWED BY (I) SHALL BE PER ANNEX A OF TPIL ZOOT SEC.3. A SEAL ON THIS DESIGN SHOWN THE SOURCE SOMEONEMENT OF THE TRATES CORPORATED BY (I) SHALL BE PER ANNEX A OF TPIL ZOOT SEC.3. A SEAL ON THIS DESIGN SHOWN.

DRAHMING INDICALES ACCEPTANCE OF PROFESSIONAL ENGINEER HIG RESPONSIBILITY SOLETY OR HE TRUSS COMPONENT OF THE CONTROLLES ACCEPTANCE OF THE SOURCE AS A SEAL ON THIS DESIGN SHOWN.

ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 567

BUILDING DESIGNER PER ANSI/IPI 1 SEC.

ALPINE



| | • | STATE OF THE PARTY. | HELIN | ELIONAL P. | | • |
|-------------------|----------|---------------------|---------------|-----------------------|---------------|----------------|
| SPACING | DUR.FAC. | TOT.LD. | BC LL | BC DL | TC DL | 10 11 |
| 24.0" | 1.25 | 40.0 PSF | 0.0 PSF | 10.0 PSF | 10.0 PSF | 20.0 PSF |
| JREF- 1T90215_Z02 | FROM CDM | SEQN- 192310 | HC-ENG AK/WHK | DRW HCUSR215 07218016 | DATE 08/06/07 | REF R215 25082 |

Scale =.125"/Ft.

Top chord 2x4 SP #2 N Bot chord 2x4 SP #2 N Webs 2x4 SP #2 N PLT Wind reactions based on MWFRS pressures. In lieu of structural panels use purlins to brace all flat TC $24\,\text{\H{\sc v}}$ OC. The overall height of this truss excluding overhang is 11-1-0 (4815-/Zoeller Residence /EDGELY CONSTRUCTION ALPINE

IMPORTANTGURNISH A COPY OF THIS DESIGN TO THE THISTALLATION CONTRACTOR. THE BCG. THC. SHALL NOT BE RESPONSIBLE FOR ANY DELIVATION FROM HITS DESIGN TO THE STORE TO BUILD THE RUSS IN COMPORMANCE HITH BE RESTORED FOR THE ARE AND OF THE STORE FOR THIS AND LINES CONTRACT OF THE STORE FOR THE ARE AND OF THE STORE FOR THE ARE AND OF THE STORE FOR THE ARE AND OF THE STORE FOR THIS AND WILLS OF THE STORE FOR THE ARE THE ADDRESS OF THE ARE STORED FOR THIS DESIGN. POSITION FOR BURNING AND HIS STORE FOR ANY DELIVER BURNING FOR THE STORE FOR T TΥP. Wave 3X10(B3) =R = 1974:T1 2x4 SP #2 Dense: U-179 W-3.5" **MARNING** IRUSKIS REQUIRE CXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING RETER TO BEST (BUILDING COMPONENT SATETY INFORMATION), PUBLISHED BY FPI (IRUSS PLATE INSTITUTE, 218 MORTH LEE STREET, SUITE 312. ALEXANDRIA, YA, 22314) AND MICHA (MOOD TRUSS COUNCIL OF AMERICA. 6300 CHITEPRIST LAWE, HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THISE FUNCTIONS. UNLESS OTHERMIST INDICATED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAWELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CELLING. 2 X 4 Ⅲ 6 5×6/ ဟ 5 X 6≡ 3×4 // Design Crit: LAKE CITY, FL 48-0-0 5 X 6 == 4 X 8 = TPI-2002 (STD) /FBC Cq/RT=1.00(1.25) /10(0) 0ver 0 10 @ 2 Supports 5 X 8 ≡ A14) $3 \times 4 \equiv$ 5 X 6 5 X 6≡ WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/)=0.18 Deflection meets L/240 live and L/180 total load. Continuous lateral bracing equally spaced on member 7.36.042 ဌာ 3 X 4 // 2 X 4 III SONAL ENGINES STATE OF 6 R-2105 U-203 W-3.5" 3X10(B3) =1-10-8 QTY:1 * BC LL BC DL TC DL TC LL DUR.FAC TOT.LD. FL/-/5/-/-/R/ 0-0 10.0 40.0 20.0 10.0 PSF 1.25 0.0 PSF PSF PSF PSF REF SEQN DATE FROM HC-ENG DRW HCUSR215 07218005 Scale = .125"/Ft. R215--AK/WHK 08/06/07 192317 25083

Aug

0

SPACING

24.0"

JREF-

1T90215_Z02

Top chord 2x4 SP #2 N Bot chord 2x4 SP #2 N Webs 2x4 SP #2 N PLT In lieu of structural panels use purlins to brace all flat TC 24" $0\,\mathrm{C}_{\cdot}$. Wind reactions based on MWFRS pressures. The overall height of this truss excluding overhang is 11-1-0 (4815-/Zoeller Residence /EDGELY CONSTRUCTION 🔙 ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567 TYP. ALPINE 3X10(B3) =Wave 1968 :T1 2x4 SP #2 Dense: U=179 **IMPORTANT** GRRHISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, THC. SHALL NOT BE RESPONSIBLE FOR ANY DETAILING FROM HIS DESIGN. ANY FALLURE TO BRILLD THE TRUSS IN COMPORMANCE WITH FIT. OR FARRICATHING, HANDLING, SHIPPING, HISTALLING A BRACLING OF TRUSSES.

DESIGN COMPORES WITH APPLICABLE PROVISIONS OF HOS SIGNALOUGH SPEC, BY ATAPA) AND IPI. ITH BCG COMMECTION PARTES ARE HADE OF ZO/JEJ/JCAGA (H.M.SYZ) ASTH AGS GRADE ADJOG (M. K.M.SS) GALV. SIEEL. APPLY PLAIS TO FACH FACE OF TRUSS AND. HUNESS GUIDRALSE LOCATED ON HIS DESIGN, POSITION FOR BRAHINGS 160A-Z. ANY INSPECTION OF PLAIS TOLLOHED BY (1) SHALL BE FER ANNEX AS OF FP11-ZOOZ SCC.3. AS SEA, ON THIS DESIGN SIGNALOUGH STALL STALL SIEEL APPLY BRACKET SHOWN AND STALL STALL STALL STALL SIEEL STALL **HARNING** RUSSES REQUIRE EXTREME CARE IN FARRICATION, INABELING, SHIPPING, INSTALLING AND BRACING. RETER TO BEST (MULTOTHE COMPONENT SAFETY INFORMATION), PUBLISHED BRY TET (TRUSS PLATE INSTITUTE, 219 MORTH LET STRET, SHITE 312, ALEXANDRIA, VA. 22314) AND RICA (MODO BRUSS COUNCIL O "AMERICA", 6300 ERRIBEREN STALE, MAISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. DHILESS OTHERWIST HOLOGANIE TO REGION SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE 2×4 III 6 5 X 6 # 5 X 6≡ 3×4 // Design Crit: LAKE CITY, FL 48-0-0 5 X 6≡ 4 X 8 = TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) Over 0 **@** N 10 5 X 8 = A15) 3 X 4 ≡ Supports 5 X 6 // 5 X 6= WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Deflection meets L/240 live and L/180 total load. (A) Continuous lateral bracing equally spaced on member 21-5 11 2 X 4 III 3 X 4 ₩ Aug WONAL ENGIL 6 CORIO R 2102 U 203 W 3.5" 3X10(B3) =1-10-8 BC LL BC DL DUR.FAC. TC DL TC LL SPACING TOT.LD. FL/-/5/-/-/R/ 9 0 0 40.0 20.0 PSF 1.25 10.0 PSF 10.0 PSF 24.0" 0.0 PSF PSF FROM SEQN-DATE REF DRW HCUSR215 07218017 HC-ENG JREF -Scale = .125"/Ft. R215--1T90215_Z02 AK/WHK 08/06/07 192324 25084

Top chord 2x4 SP #2 N Bot chord 2x4 SP #2 N Webs 2x4 SP #2 N Wind reactions based on MWFRS pressures. Note: All Plates See DWGS A11030EE0207 & GBLLETIN0207 for more requirements. $\widehat{\mathbb{A}}$ The overall height of this truss excluding overhang Deflection meets L/240 live and L/180 total load 4815 / Zoeller Residence / EDGELY CONSTRUCTION ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567 Bracing shown in referenced gable detail may be used in lieu of web bracing indicated on this drawing. TYP. 0 0 ALPINE Wave 3X5 (D1 116 Are PLF 2X4 Except As Shown. **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SMALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE FOR BUILD THE BRUSS IN COMPORNANCE WITH PI; OR FLAREACHING, MANDING, SHIPPING, HISTALLING A BRACING OF FRUSSES, DESIGN. CONFIDENCE, AND THE APPLICABLE PROVISCIONS OF THIS CANADAD AND THE APPLY PARES TO EACH FACE OF TRUSS AND. UNLESS OHIERISE LOCATED ON THIS DESIGN, POSITION PER DRAHING SIGNAL ANY INSPECTION OF FLATES FOLLOWED BY (1) SHALL BE FOR REPORTSHILLITY SOLLY FOR THE BLOSS COMPONENT OF THE ATTENDANCE OF FROM THE STORM AND THE SOLLY FOR THE THESE COMPONENT OF THE STORM AND THE SOLLY FOR THE THESE COMPONENT OF THE STORM AND THE SOLLY FOR THE THESE COMPONENT OF THE STORM AND THE SOLLY FOR THE THESE COMPONENT OF THE STORM AND THE SOLLY FOR THE THESE COMPONENT OF THE STORM AND THE SOLLY FOR THE THESE COMPONENT OF THE STORM AND THE SOLLY FOR THE THESE COMPONENT OF THE STORM AND TH \mathbb{R} **MARNING** IRUSERS RIQUIRE LITREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RETER TO BEST (MULTOTHE COMPONENT SAFLY INFORMATION), PUBLISHED BY IFT (TRUSS PLATE INSTITUTE, 218 MORTH LEE SHREET, SUIT 3172, ALEXANDRIA, VA, 22314) AND HICA (MOOD TRUSS COUNCIL OF AMERICA, 6300 LINIERPISE LAND, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HEST FUNCTIONS. DHIESS OTHERWISE INDICATED FOR COMES MALE, MAY PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE 16 PLF W 5 0 137 PLF U 44 PLF 6 24-0-0 24-0-0 5×6/ Design Crit: Ξ 5 X 6≡ 38 0 LAKE CITY, FL 48-0-0 0 is 12-0 TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) Over 3 5 X 6 ≡ A16) Supports 5×6= WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below. 110 mph wind, 15.16 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 8.50 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 Gable end supports 8" max rake overhang 24-0-0 5×6// Continuous lateral bracing equally spaced on member ∞ 116 JONAL ENGINEE PLF _ THE PROPERTY OF THE PROPERTY O 3 X 5 (D) 16 PLF Ξ ഗ 0 BC DL BC LL TC DL DUR.FAC. TOT.LD. TC LL FL/-/5/-זווו חו לרחטמים מי מזוורנוימזחנוים! מממונדנורם מו וווחקים ווווווי 9-0-0 10.0 40.0 20.0 1.25 10.0 PSF -/R/ 0.0 PSF PSF PSF PSF FROM SEQN-DATE REF HC-ENG DRW HCUSR215 07218018 Scale R215--=.125"/Ft. AK / WHK 08/06/07 192329 25085

BUILDING DESIGNER PER ANSI/IPI 1 SEC. 2

SPACING

24.0"

JREF-

1790215

Z02

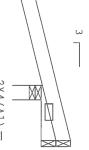
Top chord 2x4 Bot chord 2x4 (4815 /Zoeller Residence /EDGELY CONSTRUCTION --SP #2 N LAKE CITY, FL JC1)

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 0-7-4.

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

Deflection meets L/240 live and L/180 total load



R 62 U 32 R 34 U-19 _10-3-12 10-0-0

2X4(A1) =

★ 1 10 8 - **¥**

1-1-8 Over 3 Supports R-308 U-119 W 3.5"

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

PLT TYP.

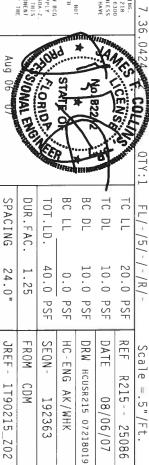
Wave

RETURN DESS. (CONTROL EXTREME CARE IN FABRICATION, INHOLING, SHIPPING, INSTALLING AND BRACHING, RETURN DESS. (CONTROL OF COMPONENT SAFETY INFORMATION), PUBLISHED BY FIF (TRUSS PLATE INSTITUTE, 21H 4000 IN LEE STREET, SUITE 127. ALEXANDRIA, VA. 22.314) AND HIGH CAR (PAOD INUSS COUNCIL OF AMERICA, 6300 CHINERPRIST LANE, MADISON, H. 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HIGH FRUCTIONS. UNICESS OTHERWISE HOLICATED THE CHORD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PAWELS AND MOTION CHORD SHALL HAVE A PROPERTY ATTACHED RIGHD CELLING.

IMPORTANTFURNISH A CDPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, THC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH TP: OR FARBELT-LING, INSTALLING, A BRACING OF TRUSSES, DESIGN CONTROL OR FARBELT-LING, SHALLING, A BRACING OF TRUSSES, A KTAPA) AND TP!. THE BCG CONTRECTOR PLATES ARE HADE OF 70/18/16/36 (H.H/55/K) ASTH A653 GRADE 40/60 (H.K/M.SS) GALV. SIETL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNITES OF DESIGN BRADE 40/60 (H.K/M.SS) GALV. SIETL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNITES OF THE RESPONSIBILITY SOFT FOR THE FO BUILDING DESIGNER PER ANSI/1PI 1 SEC. 2.

ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 567

ALPINE



Deflection meets L/240 live and L/180 total load 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 Top chord 2x4 SP Bot chord 2x4 SP PLT 4815 / Zoeller Residence / EDGELY CONSTRUCTION ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 567 TYP. ALPINE Wave 2 zz ***IMPORTANT***TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SMALL NOT BLE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; AFF FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH PET: ON FARBLEATHO. MANUFULG, SHEPPIG, INSTALLING A BRACING OF TRUSSES.

DESIGN CONTRONS HILL APPLICANT PROPISIONS OF DOS (MATIONAL DESIGN SECE, AY AREA) AND DET.

CONNECTOR PLATES ARE HADE OF 20/18/166A (H.M./SS/PS) ASTH A653 GRADE 40/60 (H. K/M.SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. HULESS OFFERNISE LOCATED ON THIS DESIGN, POSITION OF RE DRAYHORS 160A Z. ANY THENECTION OF PLATES FOLCHED BY (I) SMALL BE PER ANNEX 30 OF 1PI1 2002 SEC. 3.

BRAHING INDICALES ACCEPTANCE OF PROFESSIONAL ENGINEER ANNEX AS OF 1PI1 2002 FEC. 3.

BRAHING INDICALES ACCEPTANCE OF PROFESSIONAL ENGINEER ANNEX AS OF 1PI1 2002 FEC. 3.

BRAHING INDICALES ACCEPTANCE OF PROFESSIONAL ENGINEER ANNEX AS OF 1PI1 2002 FEC. 3.

BRAHING INDICALES ACCEPTANCE OF PROFESSIONAL ENGINEER ANNEX AS OF 1PI1 2002 FEC. 3.

BRAHING INDICALES ACCEPTANCE OF PROFESSIONAL ENGINEER ANNEX AS OF 1PI1 2002 FEC. 3.

BRAHING INDICALES ACCEPTANCE OF PROFESSIONAL ENGINEER ANNEX AS OF 1PI1 2002 FEC. 3.

BRAHING INDICALES ACCEPTANCE OF PROFESSIONAL ENGINEER ANNEX AS OF 1PI1 2002 FEC. 3.

BRAHING INDICALES ACCEPTANCE OF THIS COMPONED FOR ANY BUILDING IS THE RESPONSIBILITY OF THE **HARNING** IRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACHIG. RETER TO BEST. (BUILDING COMPONION) SAFETY INFORMATION), PUBLISHED BY IPT (TRUSS PLATE INSTITUTE, 218 URGATH LET STREET, SUITE 137. ALEXANDRIA, VA, 22314) AND MICA (MODD TRUSS COUNCEL O MERICA, 6300 ETHERPRIST LANC, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HIESE UNCLIONS. UNLESS OTHERMISE INDICATED DE CHARD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE BUILDING DESIGNER PER ANSI/1PI 1 1-10-8-V ω $2X4(A1) \equiv$ R 295 \mathbb{M} 0-0 Over 3 Supports LAKE CITY, U-80 W-3.5" Ξ JC3) ∇ R 18 U 3 51 U 11 The overall height of this truss excluding overhang is 1-0-14. Wind reactions based on MWFRS pressures. SPECIAL LOADS 7.36.0424 From From 0 CLUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.-rom 61 PLF at -1.88 to 61 PLF at rom 4 PLF at -1.88 to 4 PLF at rom 20 PLF at 0.00 to 20 PLF at MILLIAN TO 10-0-0 9 6 CORIOR STATE O BC LL BC DL TC DL DUR.FAC. TC LL SPACING TOT.LD. FL/-/5/-/-/R/t 3.00 t 0.00 t 3.00 40.0 24.0" 1.25 20.0 PSF 10.0 PSF 10.0 PSF 0.0 PSF PSF FROM SEQN-DATE REF HC-ENG DRW HCUSR215 07218006 Scale JREF -R215--CDM 1T90215_Z02 =.5"/Ft.AK / WHK 08/06/07 192366 25087

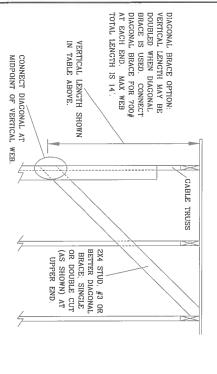
Wind reactions based on MWFRS pressures. Top chord 2x4 SP Bot chord 2x4 SP PLT TYP. The overall height of this truss excluding overhang is 1 6 14. (4815-/Zoeller Residence /EDGELY CONSTRUCTION ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 567 ALPINE Wave ##2 N **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, FOR FABLE OF DIVIDED THE TRUSS IN COMPORNANCE WITH PI: OR FABRELATHO. HANDLING, SHIPPIO, HISALLING A BRACING OF TRUSSES, DESIGN CATHENDAMED THE PROPERTY OF THE PICAMETER OF THE PI A PROPERLY ATTACHED RIGID CEILING 1-10-8-> Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 2X4(A1) == R-356 U-74 W-3.5" ω LAKE CITY, FL -5-0-0 Over 3 Supports JE5) 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. 7.36.0424 R=52 R-117 U-25 CORIOS _10-0-0 BC LL BC DL TC DL TC LL SPACING DUR.FAC. TOT.LD. FL/-/5/-/-/R/-40.0 20.0 PSF 24.0" 1.25 10.0 PSF 10.0 PSF 0.0 PSF PSF REF FROM SEQN-DATE HC-ENG DRW HCUSR215 07218007 JREF -Scale =.5"/Ft. R215-- 25088 1T90215_Z02 AK/WHK 08/06/07 192369

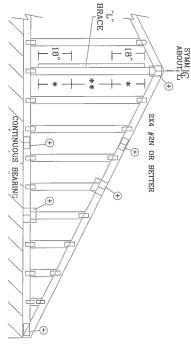
Deflection meets L/240 live and L/180 total load. Wind reactions based on MWFRS pressures. Top chord 2x4 SP Bot chord 2x4 SP PLT TYP. 4815-/Zoeller Residence /EDGELY CONSTRUCTION ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 567 ALPINE Wave #2 N **IMPORTANT*** GUBHISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE REG. INC. SHALL NOT HE RESPONSIBLE FOR MAY BEFLATION FROM HIS DESIGN; ANY FALLURE TO BRILLD THE TRRSS IN COMPORMANCE WITH PICTOR FAREACTAING, HANDLING, SHIPPING, HISALLING A BRACHIG OF TRRSSS. AN ATAPA) AND TPI. ITH REG. COMMECTION PART AT STATE AND TO SHIPPING, HISALLING A BRACHIG OF TRRSSS. ANALYSIS GALV. STEEL, APPLY PARTS TO EACH FACE OF TRRSS AND, UNICES OTHERWISH LOCATED ON HIS DESIGN, POSITION FOR BRANHOG SEGOAL, ALOUR HIS DESIGN OF PARTS OLLOWED BY COLOURD BY COLOUR BY COLOURD BY COLOURD BY COLOURD BY COLOURD BY COLOURD BY COLOUR BY COLOURD BY COLOUR BY COLOURD BY COLOUR BY **WARNING** TRUSSIS REQUIRE EXTREME CARE IN FARRICATION, INANDING, SHIPPING, INSTALLING AND BRACING.
RETER TO BESSI (QUILDING COMPONENT SACETY FUROMANION), PUBLISHED BY FP; (TRUSS PLATE INSTITUTE, ZIB
MORRH LEE SEREET, SHITE 13, ALEXANDRA, VA. ZZZJA) AND WETCA (MODO TRUSS CONUCLE OF ANTELOA, 6300
CHILERRISE LANE, MADISON, HI 53719) FOR SACETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS
OTHERRISE INJECTATED TOP CHORD SHALL HAME PROPERLY ATTACHED STRUCTURAL PAHELS AND BOTTOM CHORD SHALL HAME
A PROPERLY ATTACHED REGIO CELLING. Design Crit: LAKE CITY, FL 2.12 2X4(A1) =359 U-60 W-4.949" TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) JH7) 7-0-14 Over 3 Supports 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/)=0.18 Hipjack supports 5-0-0 setback jacks with no The overall height of this truss excluding overhang is 1–6–12. 7.36.0424 CLORIO R-76 R-195 U-53 BC DL BC LL TC DL TC LL SPACING DUR.FAC. TOT.LD. FL/-/5/-/ 6 webs 12 40.0 20.0 10.0 PSF /-/R/-24.0" 1.25 10.0 PSF 0.0 _10-0-0 PSF PSF PSF DATE REF FROM SEQN-DRW HCUSR215 07218020 JREF-HC-ENG Scale = .5"/Ft. R215--1T90215_Z02 AK / WHK 08/06/07 192360 25089

PLT 110 mph wind, 20.73 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf. Iw=1.00 GCpi(+/)=0.18 Top chord 2x4 SP #2 N Bot chord 2x4 SP #2 N Webs 2x4 SP #2 N Refer to DWG PIGBACKB0405 for piggyback details The In lieu of rigid ceiling use purlins to brace (4815-/Zoeller Residence /EDGELY CONSTRUCTION ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567 overall height of this truss excluding overhang is $1\mbox{-}3\mbox{-}3$ TYP. ALPINE 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 FAILURE TO DUILD THE TRUSS IN COMPORMANCE WITH IP: OR FARBELATHRE, HANDLING, SHIPPIG, HISTALLING A BRACING OF TRUSSES. BY AFRAYAMD IP!. THE BCS CONNECTOR PLAITS ARE HADE OF 20/18/16/64 (H.11/55/K) ASIH A653 GRADE 40/60 (W. K/M. SS) GALV. SIETL. APPLY PLAIES TO LACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A. A. ANY INSPECTION OF PLAIES FOLLOWED BY (I) SHALL BE FER ANNEX A OF THIS 200E SEC. 3. A SEAL ON THIS DESIGN AND THE SEAL OF THE TRUSS CORPORATE DRAWING INDICATES ACCEPTANCE OF TRUSS CORPORATE DESIGNAL THE SEAL OF THIS DESIGNAL THE SEAL OF THE TRUSS CORPORATE DRAWING INDICATES ACCEPTANCE OF THE SEAL OF THIS DESIGNAL THE SEAL OF THE TRUSS CORPORATE DRAWING INDICATE SEAL OF THE SEAL OF THE TRUSS CORPORATE DRAWING INDICATE SEAL OF THE TRUSS CORPORATE DRAWING INDICATE SEAL OF THE SEAL OF THE TRUSS CORPORATE DRAWING INDICATE SEAL OF THE SE **WARNING** IRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING. RETER TO BEST. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 2718 HORTH LEE STREIT, SUITE 137, ALEXANDRIA, VA, 2213) AND NICA (MODO) TRUSS COUNCIL OF AMERICA. 6300 CHIERNES ILAKE, MADISON, NI 55719) FOR SAFETY PRACTICES PRIOR TO PEFFORMING HISE FUNCTIONS. DHIESS OTHERNISCHAFTE HOR COMPONENTS HORTE SAFETY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE R=202X4(A1) =U=10 W=7.267" R=20 U=10 W=7.267" R=82 PLF U=25 PLF W=3-1-0 -4-11-9 Over 3 6 1-6-8-> 1-6-8 Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) BC @ 2 X 4 III $4 \times 4 =$ LAKE CITY, 古 24" Supports 1-6-8 2X4(A1) =౼ 6 PB1) 0 0 5 Deflection meets L/240 live and L/180 total load Wind reactions based on MWFRS pressures. SPECIAL LOADS - (LUMBER From 6 From 6 * ER DUR.FAC.=1.25 / PLATE D 62 PLF at -0.94 to 62 62 PLF at 1.54 to 62 4 PLF at -0.94 to 4 GONAL ENGLISH PTATE OF 2-12 TE DUR.FAC.=1.25)
62 PLF at 1.54
62 PLF at 4.02
4 PLF at 4.02 BC LL BC DL TC DL DUR.FAC SPACING TC TOT.LD. FL/-/5/-/-/R/-40.0 10.0 PSF 20.0 1.25 24.0" 10.0 PSF 0.0 PSF PSF PSF JREF-FROM SEQN-DATE REF HC-ENG DRW HCUSR215 07218021 Scale R215--1T90215 =.5"/Ft. AK/WHK 08/06/07 192313 25090 Z02

ASCE 7-02: 110 MPH WIND SPEED, 30' MEAN HEIGHT, ENCLOSED, I 1.00, EXPOSURE C

| | | | | | | | | | _ | _ | | | | | | | | | | | 0.5 | | | | | | | | |
|--------|----------|---------|---------|----------|--------|----------|--------|------------|---------|----------|--------|--------|-----------|--------|----------|--------|--------|---------|----------|----------|--------|-----------|--------|----------|--------|---------------|-------------|-----------------|-------------------|
| | |] | M | A | X | - | (| ٦ <i>/</i> | \ I | 3 | [] | I | | V | E | R | _ Т | 'I | C. | A | L | | L | E | N | [(| | Ή | |
| | | 1 | 2 | ,, | | 0 | . (| ζ. | | | 1 | 6 | ,, | | 0 | . (| 7, | | | 2 | 4 | " | | 0 | . (| \mathcal{C} | | SPACING | Idvo |
| | | | j 1 | ζ. 'T |) j | TIT | | 77.7 | | | | j 1 | <i>Ο.</i> |) | TII | 口 口 | UTI | | | <u> </u> | j | <i>V.</i> |) j | TIT | I I | UTI |]]] | SPECIES | 2X4 |
| | STANDARD | STUD | #3 | #2 | #1 | STANDARD | STUD | #3 | #1 / #2 | STANDARD | STUD | #3 | #2 | #1 | STANDARD | STUD | #3 | #1 / #2 | STANDARD | STUD | #3 | #2 | #1 | STANDARD | STUD | #3 | #1 / #2 | GRADE | BRACE |
| | 4' 7" | 4' 9" | 4' 9" | 4' 11" | 5 1." | 4′ 6" | 4' 6" | 4' 6" | 4' 7" | 4, 2, | 4' 4" | 4' 4" | 4' 6" | 4' 7" | 4' 1" | 4' 1" | 4' 1" | 4' 2" | 3' 8" | 3' 9" | 3' 9" | 3' 11" | 4'0" | 3' 7" | 3' 7" | 3' 7" | 3' 8" | BRACES | N O |
| | 6' 9" | 7' 9" | 7' 11" | 8' 0" | 8' 0" | 6' 7" | 7' 8" | 7' 8" | 8' 0" | 5' 10" | 6, 9, | 6' 10" | 7' 3" | 7' 3" | 5' 8" | 8' 0" | 6' 8" | 7' 3" | 4' 9" | 5' 6" | 5' 7" | 6' 4" | 6' 4" | 4' 8" | 5' 5" | 5' 5" | 6' 4" | GROUP A | (1) 1X4 "L" |
| | 6' 9" | 7' 9" | 7' 11" | 8' 7" | 8, 7, | 6' 7" | 7' 8" | 7' 8" | 8, 5, | 5' 10" | 6' 9" | 6' 10" | 7' 9" | 7' 9" | 5 | 8' 0" | 6, 8, | 7' 5" | 4' 9" | 5, 6, | 5' 7" | 6' 10" | 6' 10" | 4' 8" | 5' 5" | 5' 5" | 6' 6" | GROUP B | BRACE * |
| | 8' 10" | 9' 5" | 9' 5" | 9' 5" | 9, 5, | 8' 8" | 9' 5" | 9' 5" | 9' 5" | 7' 8" | 8' 7" | 8' 7" | 8' 7" | 8' 7" | 7' 6" | 8' 7" | 8' 7" | 8' 7" | 6' 3" | 7' 3" | 7' 4" | 7' 6" | 7' 6" | 6' 1" | 7' 1" | 7' 2" | 7' 6" | GROUP A | (1) 2X4 "L" |
| MAS | 8' 10" | 9' 11" | 9' 11" | 10' 2" | 10' 2" | 8' 8" | 9' 5" | 9' 5" | 9' 8" | 7' 8" | 8' 11" | 9' 0" | 9' 3" | 9' 3" | 7' 6" | 8' 7" | 8' 7" | 8' 10" | 6' 3" | 7' 3" | 7' 4" | 8' 1" | 8' 1" | 6' 1" | 7' 1" | 7' 2" | 7' 8" | GROUP B | L" BRACE * |
| CIMMAS | 11' 3" | 11' 3" | 11' 3" | 11' 3" | 11' 3" | 11' 3" | 11' 3" | 11' 3" | 11' 3" | 10' 3" | 10' 3" | 10' 3" | 10' 3" | 10' 3" | 10' 1" | 10' 3" | 10′ 3″ | 10' 3" | 8' 5" | 8' 11" | 8' 11" | 8' 11" | 8' 11" | 8, 3, | 8' 11" | 8' 11" | 8' 11" | GROUP A | (2) 2X4 "L" |
| | 11' 7" | 11' 10" | 11' 10" | 12' 1" | 12' 1" | 11' 3" | 11' 3" | 11' 3" | 11' 7" | 10' 4" | 10′9″ | 10' 9" | 11' 0" | 11' 0" | 10' 1" | 10' 3" | 10' 3" | 10' 6" | 8' 5" | 9' 5" | 9' 5" | 9' 7" | 9' 7" | 8' 3" | 8' 11" | 8' 11" | 9' 2" | GROUP B | BRACE ** |
| | 13' 10" | 14' 0" | 14' 0" | 14' 0" | 14' 0" | 13′ 6" | 14' 0" | 14' 0" | 14' 0" | 11' 11" | 13' 5" | 13' 5" | 13' 5" | 13' 5" | 11' 8" | 13' 5" | 13' 5" | 13' 5" | 9' 9" | 11' 4" | 11' 5" | 11' 9" | 11' 9" | 9' 6" | 11' 1" | 11' 2" | 11' 9" | GROUP A | (1) 2X6 "L" |
| | 13' 10" | 14' 0" | 14' 0" | 14' 0" | 14' 0" | 13' 6" | 14' 0" | 14' 0" | 14' 0" | 11' 11" | 14' 0" | 14' 0" | 14' 0" | 14' 0" | 11' 8" | 13' 5" | 13' 5" | 13' 10" | 9' 9" | 11' 4" | 11' 5" | | 12' 8" | 9' 6" | 11' 1" | 11' 2" | 12' 1" | GROUP B | " BRACE * |
| | 14' 0" | 14' 0" | 14' 0" | | 14' 0" | 14' 0" | 14' 0" | 14' 0" | 14' 0" | 14' 0" | 14' 0" | 14' 0" | 14' 0" | 14' 0" | 14' 0" | 14' 0" | 14' 0" | 14' 0" | 13' 3" | | 14' 0" | 14' 0" | | 12' 11" | 14' 0" | 14' 0" | 14' 0" | B GROUP A GROUP | (2) 2X6 "L" BRACE |
| | 14' 0" | 14' 0" | 14' 0" | 14' 0" | 14' 0" | 14' 0" | 14' 0" | 14' 0" | 14' 0" | 14' 0" | 14' 0" | 14' 0" | 14' 0" | 14' 0" | 14' 0" | 14' 0" | 14' 0" | 14' 0" | 14' 0" | 14' 0" | 14' 0" | 14' 0" | 14' 0" | 12' 11" | 14' 0" | 14' 0" | 14' 0" | GROUP B | BRACE ** |





| | - * + + * + * + / ⊕ |
|--------------------|---|
| COI | 2X4 |
| UNITIN | ± + × × × × × × × × × × × × × × × × × × |
| Snó | OR B |
| CONTINUOUS BEARING | 2X4 #2N OR BETTER |
| 2 | * |
| | |
| | |
| | |
| | |
| | |
| \supset | } /⊕ |
| | |

REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

SPRUCE-PINE-FIR
#1 / #2 STANDARD
#3 STUD DOUGLAS FIR-LARCH BRACING GROUP SPECIES AND GRADES: SOUTHERN PINE
#1
#2 STANDARD STUD HEM-FIR #1 & BTR #1 GROUP GROUP DOUGLAS FIR-LARCH Ξ. A SOUTHERN PINE #3 STANDARD STUD 12 1 #3 STANDARD STUD

GABLE TRUSS DETAIL NOTES:

GABLE END SUPPORTS LOAD FROM 4' 0" OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" PROVIDE UPLIFT CONNECTIONS FOR 100 PLF OVER CONTINUOUS BEARING (5 PSF TC DEAD LOAD). LIVE LOAD DEFLECTION CRITERIA IS L/240. PLYWOOD OVERHANG.

ATTACH EACH "L" BRACE WITH 10d NAILS.

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

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

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

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

| GREATER THAN 11' 6" | GREATER THAN 4' 0", BUT LESS THAN 11' 6" | LESS THAN 4' O" | VERTICAL LENGTH | GABLE VERTICAL PLATE SIZES |
|---------------------|---|-----------------|-----------------|----------------------------|
| 2.5X4 | 2X4 | 1X4 OR 2X3 | NO SPLICE | TE SIZES |

R TO COMMON TRUSS DESIGN FOR SPLICE, AND HEEL PLATES.

ASCE7-02-GAB11030

| | THE PARTY OF THE P | _ | 1 | |
|--------------------|--|------|--------------|---------|
| MAX. | MAX. | | | |
| MAX. SPACING 24.0" | MAX. TOT. LD. 60 PSF | | | |
| ING | LD. | | | |
| 24 | 60 | | | |
| .0, | PSF | | | |
| | | -ENG | DRWG | DATE |
| | | | A11030EE0207 | 2/23/07 |

ALPINE RAVARRHINGAM TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING BRACING. REFER TO BESI GUILDING COMPONENT SAFETY INDTRINATION, PUBLISHED BY FIT CTRUSS INSTITUTE, 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA. 22314) AND VITA, VOCODO TRUSS COUN ARERICA, 6300 ENTERPRISE LN, MADISON, VI 53719) FIDE SAFETY PRACTICES PRIGR TO PERFORMING FUNCTIONS. UNESSO DIFFAVES INDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUMP PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

WHIPDER ANTW FURNISH COPY OF THIS DESIGN TO INSTALLATION COMPROCTOR ITY BCG, INC. SHALL OUT DE RESPONSIBLE COR AND ELVATION FOR HIS DESIGN, ANY FAILURE I BUILD HE TRUSSED OF THE PROSE OF THE PROPERTY OF THE BUILDING DESIGNER, PER ANNIET OF THE BUILDING DESIGNER.

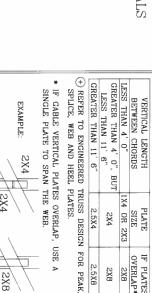
ITW BUILDING COMPONENTS GROUP, INC. POMPANO BEACH, FLORIDA

CORID STATE OF No.,522



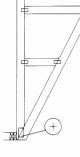
ABOUT (

+









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

HAND DRIVEN NAILS:

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

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

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

ASCE 7-93 GABLE DETAIL DRAWINGS

REINFORCING MEMBER

4 TOENAILS

RIGID SHEATHING

GABLE. TRUSS

TOENAILS SPACED AT 4" O.C.

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

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

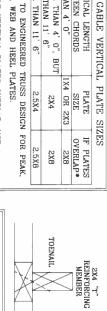
ASCE 7-05 GABLE DETAIL DRAWINGS A13015EE0207, A12015EE0207, A11015EE0207, A10015EE0207, A08515EE0207, A13030EE0207, A12030EE0207, A12050EE0207, A12050EE0207, A12050EE0207, A12050EE0207, A12050EE0207, A1

A13030E50207, A12030E50207, A11030E50207, A10030E50207, A08530E50207 A13015E50207, A12015E50207, A11015E50207, A10015E50207, A08515E50207

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

4 TOENAILS

CEILING



TOENAIL

2X6 "T"
REINFORCING
MEMBER

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

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

WEB LENGTH INCREASE W/ "T" BRACE

| 100 15 100 30 90 90 90 90 15 80 70 70 70 30 | 110 30 | WIND 110 |
|---|---------------------------|----------------------|
| 10 10 10 10 10 10 10 10 10 10 10 10 10 1 | 110 | NIM NIM |
| | | AND 110 |
| 100 MPH 15 FT 10 MPH 30 FT 90 MPH 15 FT 90 MPH 15 FT 80 MPH 15 FT 70 MPH 15 FT 70 MPH 15 FT 70 MPH 15 FT | 15 FT 110 MPH 30 FT | AND MRH |
| 2x4 2x6 2x6 2x6 2x4 2x4 2x6 2x4 2x6 2x4 2x6 2x6 2x4 2x6 2x6 2x6 2x6 2x6 2x6 2x6 2x6 2x6 2x6 | 2x6 2x6 | "T" REINF. MBR. SIZE |
| 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 40 % 10 % | SBCCI |
| 50 H H H H H H H H H H H H H H H H H H H | % 05 % 01 % 05 | ASCE |
| | | |

EXAMPLE:

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



AVARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, HISTALLING AND BRACHIG. REFER TO BEST (GUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TE! CIRUSS PLATE INSTITUTE, 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA. 22314) AND "VTCA CAUDD TRUSS COUNCIL MARTICA, 6300 ENTERPRISE LN, HADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNIESS DIFFERISE NOTICES TORONISE NOTICES. PROPERTY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED RIGID CEILING.

WHEREFORMER FURNISH CORY OF THIS DESIGN TO INSTALLATION CONTRACTOR. IT WEEL, NO. SALL NOT RECEIVED AND THE RESPONSIBLE FOR ANY DEVIATION FOR MISSESS. ANY FAILURE OF DRUID THE RISSS IN CONFIDENCE OF THE RISS OF

SONAL ENGINE No. 52212 STATE OF **≱** #### MAX SPACING DUR. FAC.

AWANG REPLACES DRAWINGS GAB98117 876,719 & HC26294035

MAX TOT. LD. ANY 60 PSF DRWG DATE REF -ENG GBLLETIN0207 DLJ/KAR 2/23/07 LET-IN VERT

24.0"

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

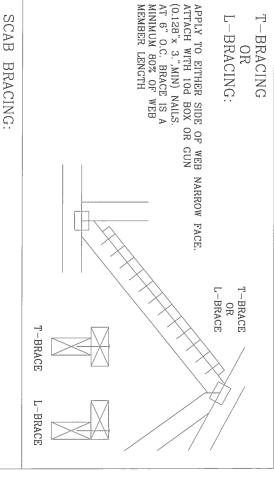
THIS DETAIL IS ONLY APPLICABLE FOR CHANGING THE SPECIFIED CLB SHOWN ON SINGLE PLY SEALED DESIGNS TO T-BRACING OR BRACING. SCAB

BRACING. FOR MINIMUM ALTERNATIVE BRACING, ALTERNATIVE BRACING SPECIFIED IN CHART BELOW MAY BE CONSERVATIVE 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



APPLY SCAB(S) TO WIDE FACE OF WEB.

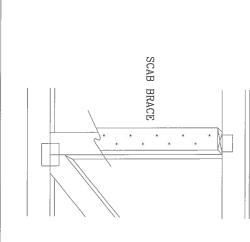
NO MORE THAN (1) SCAB PER FACE.

ATTACH WITH 10d BOX OR GUN

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

AT 6" O.C. BRACE IS A MINIMUM

B0% OF WEB MEMBER LENGTH



THIS DRAWING REPLACES DRAWING 579,640

PSF REF

CLB

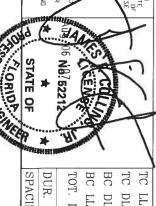
SUBST.

| GALV. SIEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGNAPOUNT PER DRAWNINGS IGAG-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGLIFIERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSIZITPI I SEC. 2. | **IMPORTANT** FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITV BCG, INC., SHALL NOT BE RESPONSIBLE FOR NAY DEVIATION FROM THIS DESIGN ANY FALLMER TO BUILLOT HE TRUSS IN CONSIDERANCE WITH THIS OF ARBICATING, HANDLING, SHEPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFIDENS WITH APPLICABLE PROVISIONS OF NOS (NATIONAL DESIGN SPEC, BY AFLEN) AND TPI TITV. BCG CONNECTOR PLATES ARE MADE OF 20/101/1664 (VL/MASSX) ASTA MASS GRADE 40/66 (VL/MASSX) | **VARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BROCING. RETER TO BEST GBULDING COMPINENT SAFETY INFORMATIONA, PUBLISHED BY TPI CTRUSS PLATE INSTITUTE, 218 MORTH LEE STER, SUITE 128, ALEXANDRIA, VA. 25214) AND VTGA CYODD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, HADISON, VI 53719) FOR SAFETY PRACTICES PRIDE TO PERCORNING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED. TOP CARDO SHALL HAVE PROBERTY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. |
|---|--|---|
| 9 (🖺 | AM | > |
| 06 | | k |
| N8/52 ★ STATE | 1 | |
| ⋥ ≯ 5∑ | ا الله | 7 / |



ITWBUILDING COMPONENTS GROUP POMPANO BEACH, FLORIDA

ALPINE



| | TC DL | PSF | PSF DATE | 2/23/07 |
|------|-----------|-----|----------|-----------------------|
| 1 | BC DL | PSF | DRWG | PSF DRWG BRCLBSUB0207 |
| | BC LL | PSF | -ENG | -ENG MLH/KAR |
| D. | TOT. LD. | PSF | | |
| 半期期 | DUR. FAC. | | | |
| MALL | SPACING | | | |

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

| | _ | | | | | | | _ | _ | | | | | _ | | | _ | | | | _ | _ | | _ | _ | | | | |
|---------|----------|---------|------------|-----------|----------|----------|---------|---------|---------|----------|---------|---------|-----------|---------|----------|---------|---------|---------|----------|--------|--------|----------|--------|----------|--------|----------|---------|---------|-----------------------|
| | |] | M | A | X | - | | i I | \ I | 3] | _] | - | _ | V | E | R | - 2T | Ί | С | A | L | | L | E | N | | т] | ΓН | |
| | | 1 | 2 | ,, | | 0 | . (| 7, | | | 1 | 6 | ,, | | 0 | . (| ⁻, | | | 2 | 4 | " | | Ο | . (| <u> </u> | | SPACING | CABLE |
| | | |) | <i>U.</i> | <u>}</u> | TII | I I | CLL | | | | | <u>V.</u> |) j | TTT | <u></u> | OLI. | | | | 1 | <u>.</u> |) j | TIL | I | UTI | 2 | SPECIES | 2X4 GABLE VERTICAL |
| | STANDARD | STUD | #3 | #2 | #1 | STANDARD | STUD | #3 | #1 / #2 | STANDARD | STUD | #3 | ## 20 | #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, | 4. 3" | 3' 9" | 3' 9" | 3' 9" | 3′ 10″ | BRACES | NO |
| | 7' 5" | 8, 2, | 8 5" | 8' 5" | 8' 5" | 7' 3" | 8, 5, | 8' 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" | 8, 5, | 9' 1" | 9' 1" | 7' 3" | 8, 5, | 8, 5, | 8' 8" | 6'5" | 7' 6" | 7' 7" | B' 3" | B' 3" | 6' 4" | 7' 4" | 7' 4" | 7' 10" | ნ ც | 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 | L" BRACE • |
| OI MWAS | 11' 11" | 11' 11" | 11' 11" | 11' 11" | 11' 11" | 11' 11" | 11' 11" | 11' 11" | 11' 11" | - | 10' 10" | 10' 10" | 10' 10" | 10' 10" | 10' 10" | 10' 10" | 10' 10" | 10' 10" | 9' 4" | 9' 5" | 9' 5" | 9' 5" | 9' 5" | 9' 1" | 9' 5" | 9' 5" | 9, 5, | GROUP A | (2) 2X4 "L" |
| | 12' 3" | 12' 6" | 12' 6" | 12' 10" | 12' 10" | 11' 11" | 11' 11" | 11' 11" | 12' 3" | 11' 1" | 11' 4" | 11' 4" | 11' 8" | 11' 8" | 10' 10" | 10' 10" | 10' 10" | 11' 1" | 9' 4" | 9' 11" | 9'11" | 10' 2" | 10' 2" | 9' 1" | 9' 5" | 9' 5" | 9' 8" | GROUP B | " BRACE ** |
| | 14' 0" | 14' 0" | 14' 0" | 14' 0" | 14' 0" | 14' 0" | 14' 0" | 14' 0" | 14' 0" | | 14' 0" | 14′0" | | 14' 0" | 12' 11" | 14' 0" | 14' 0" | 14' 0" | 10' 10" | | 12' 5" | | 12' 5" | 10' 7" | 12' 3" | 12' 4" | 12' 5" | GROUP A | (1) 2X6 "L" |
| | 14' 0" | 14' 0" | 14' 0" | 14' 0" | 14' 0" | 14' 0" | 14' 0" | 14' 0" | 14' 0" | | 14' 0" | 14' 0" | 14' 0" | 14' 0" | 12' 11" | 14' 0" | 14′0″ | 14' 0" | 10' 10" | 12' 6" | 12' 8" | - 1 | 13' 5" | | | 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" | 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" | GROUP B | BRACE ** |
| QA. | | - | | LIV | | | | Г | | | | | | | | = | | | | | | | | | | _ | _ | 7 | |

DOUGLAS FIR-LARCH

SOUTHERN PINE

STANDARD

STANDARD

STUD

#3

GROUP

В

HEM-FIR #1 & BTR #1 #1 / #2 STANDARD #3 STUD

3 2

STANDARD

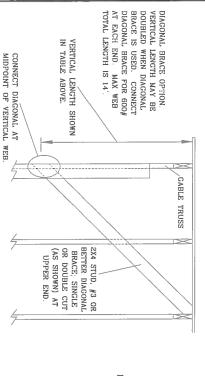
SPRUCE-PINE-FIR

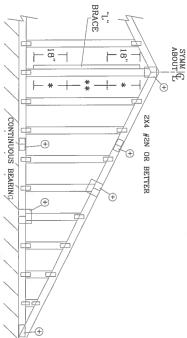
GROUP

A

MEM

BRACING GROUP SPECIES AND GRADES:





MEMBER LENGTH.

GABLE TRUSS DETAIL NOTES

SOUTHERN PINE

DOUGLAS FIR-LARCH

2

2 =

JVE LOAD DEFLECTION CRITERIA IS L/240.

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

JABLE 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 Z O.C.

* N 18" END ZONES AND 4" O.C. BETWEEN ZONES.

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

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

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

GABLE VERTICAL PLATE SIZES

VERTICAL LENGTH NO SPLICE

LESS THAN 4' 0" 1X4 OR 2X3

GREATER THAN 4' 0", BUT 2X4

LESS THAN 11' 6" 2.5X4

PEAK, SPLICE, AND HEEL PLATES.

SSIONAL ENGINE , No. 52212 STATE OF * MAX. MAX. SPACING TOT. LD. 60 24.0" PSF DATE REF DRWG 2/23/07 A11015EE0207 ASCE7-02-GAB11015

#WARNING** TRUSSES REDUIRE EXTREME CARE IN FABRICATING, MANDILING, SHIPPING, INSTALLING
BRACING. REFER TO BESS GUILDING GOMERNENT SAFETY INFERMATION, PUBLISHED BY THE CRUSS
UNSTITUTE, 218 NIBPH LEE STR., SUITE 312, ALEXANDRIA, VA., 2231-XAND UT.A. CUIDD TRUSS
ON AMERICA, 6300 ENTERRAISE, UN, MAISSION, VI 537195 TIP SAFETY PRACTICES PROBE TO PERFORMING
FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHIRD SHALL HAVE PROBERLY ATTACHED STRUCK
PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED ROTEING.

REFER

TO CHART

ABOVE FOR MAX GABLE

LENGTH

WHORDERANIE FURNISH CORY OF THIS DESIGN TO INSTALLATION COMPACTER. ITY BCG, INC., SMAN
UNDER RESPONSIBLE FOR ANY BEYLATION COMPACT. MAY PALLURE TO BRILL THE TRUES IN
COMPARANCE WITH FP1, DR FABRICATING, HANDLING, SEMPRING, INSTALLOR, BRACKING OF TRUSSES.

BESIGN COMMETCER PLATES ARE HADE OF SO/HORDER OF MISS WATCHING. BERCHAE 40°C6 (W.K.H.SSS)

BESIGN, POSITION FER DRAWINGS 1604-ZF, ANY INSPECTION OF HATES TOLLORDED BY OT SHALL BE FER
BESIGN, POSITION FER DRAWINGS 1604-ZF. ANY INSPECTION OF HATES FOLLORDED BY OT SHALL BE FER
BESIGN, POSITION FER DRAWINGS 1604-ZF. ANY INSPECTION OF HATES FOLLORDED BY OT SHALL BE FER
BESIGN, POSITION FER DRAWINGS 1604-ZF. ANY INSPECTION OF HATES FOLLORDED BY OT SHALL BE FER
BESIGN, POSITION FER DRAWINGS 1604-ZF. ANY INSPECTION OF HATES FOLLORDED BY OT SHALL BE FER
BESIGN, POSITION FER DRAWINGS 1604-ZF. ANY INSPECTION OF HATES FOLLORDED BY OT SHALL BE FER
BESIGN, POSITION FER DRAWINGS 1604-ZF. ANY INSPECTION OF HATES FOLLORDED BY OT SHALL BE FER
BUILDING DESIGNER, PER

OSS. OF THIS COMPODENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER

NOSE OF THIS COMPODENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER

ITW BUILDING COMPONENTS GROUP, INC. POMPANO BEACH, FLORIDA

ALPINE

TOP CHORD 2X4 2X4 2X4 ### 000 222 R BETTER R BETTER R BETTER

PIGGYBACK DETAII

REFER TO SEALED DESIGN FOR DASHED PLATES

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

PIGGYBACK BOTTON CHORD MAY BE ONITTED. TRUSS TOP CHORD WITH 1.5X3 PLATE. ATTACH VERTICAL WEBS To

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

THIS DETAIL IS APPLICABLE FOR THE FOLLOWING WIND CONDITIONS: 130 MPH WIND, 30' MEAN HGT, ASCE 7-98, ASCE 7-02 OR ASCE 7-05, CLOSED BLGD, LOCATED ANYWHERE IN ROOF, CAT II, EXP C, WIND TC DL=5 PSF, WIND BC DL=5 PSF

110 MPH WIND, 30' MEAN HGT, SBC ENCLOSED BLDG, LOCATED ANYWHERE IN ROOF WIND TC DL=5 PSF, WIND BC DL=5 PSF

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

LOCATION IS ACCEPTABLE EITHER PLATE LOCATION IS

SPLICE

ш

五

SPLICE

典

TYP. В

AT AT

C-TYP

烛C 烛 C 户C

C 0 20' FLAT TOP CHORD MAX SPAN

MAX SIZE OF 2X12

H

F F



(4) 6d BOX (0.099"X 2.", MIN) NAILS.

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

(4) IN CAP BC AND (4) IN BASE TRUSS FLAT TC

| Ħ | D | С | В | Α | TYPE | JOINT |
|--|-----|-------|-----|-------|------|-------------|
| 4X6 OF | 5X4 | 1.5X3 | 4X6 | 2X4 | 30' | |
| OTATED V | 5X5 | 1.5X4 | 5X6 | 2.5X4 | 34 | SPANS UP TO |
| OR 3X6 TRULOX AT 4' OC. ROTATED VERTICALLY | 5X5 | 1.5X4 | 5X6 | 2.5X4 | 38' | UP TO |
| 4' OC, Y | 5X6 | 1.5X4 | 5X6 | 3X5 | 52 | |

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

| * PIGGYBACK SPECIAL PLATE | 10' TO 14' MEMBER, OR BETTER, AND 80% LENGTH OF WEB MEMBER ATTACH WITH 16d BOX (0.135"X 3.5",MIN) NAILS AT 4" OC. | 7'9" TO 10' MEMBER, OR BETTER, AND 80% LENGTH OF WEB MEMBER, OR BETTER, AND 80% LENGTH OF WEB OLD THE BOX (0.113"X 2.5",MIN) NAILS AT 4" OC. | 0' TO 7'9" NO BRACING | WEB LENGTH REQU | WEB BRACING CHART | |
|---------------------------|---|--|-----------------------|------------------|-------------------|--|
| * PIGGYBACK SPECIAL PLATE | ME GRADE, SPECIES R, AND 80% LENGTH ITH 16d BOX AILS AT 4" OC. | ME GRADE, SPECIES 1, AND 80% LENGTH 1TH 8d BOX AILS AT 4" OC. | | REQUIRED BRACING | CHART | |
| | OF AS | AS OF | | | | |
| | WEB | WEB | | | | |

FABRICATION. ATTACH TO SUPPORTING TRUSS WITH (4) 0.120" X 1.375" NAILS PER FACE PER PLY. APPLY PIGGYBACK SPECIAL PLATE TO EACH TRUSS FACE AND SPACE 4" OC OR LESS.

/da

| - 1 | 1_ | | | 2 | | 8 |
|-----|----|---|---|---|-----------------------|---|
| - | | 0 | 0 | 0 | 0 | 0 |
| | 0 | | 0 | 0 | $\stackrel{\circ}{)}$ |) |
| ي | | 0 | 0 | 0 | 0 | 0 |
| | 0 | | 0 | 0 |) |) |

CENS NO. 52212 47 1.15 1.33 DUR. FAC MAX LOADING .25 DUR. 25 50 PSF PSF AT ΑT FAC DATE REF DRWG PIGBACKB0207 2/23/07 DLJ/KAR PIGGYBACK

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

ITWBUILDING COMPONENTS GROUP, INC. POMPANO BEACH, FLORIDA ALPINE

MANARHINGAM TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLICHG, SHIPPING, INSTALLING A BRACING. REFER TO BESI (BUILDING CORPODINENT SAFETY INFORMATION), PUBLISHED BY TRI (TRUSS P BRACING, REFER TO BESI (BUILDING CORPODINENT), ALEXANDRIA, VA. 223140 AND VICA (VOIDD TRUSS COUNT AMERICA, 6300 ENTERPRISE LN. HADISIN, VI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING FUNCTIONS. (UNICESS OTHERWISE MOLOCATED, TOP CHAIDS SHALL HAVE PROPERTY ATTACHED STRUCTURE PAIRES AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURE.

*ATTACH PIGGYBACK WITH 3X8 TRULOX OR ALPINE PIGGYBACK SPECIAL PLATE

MAX Z

12

जामार्गाम् इ

STATE OF

*

DUR. PSF

AT

SPACING

24.0

9