

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: IUIQ8228Z0212163315

Truss Fabricator: Anderson Truss Company
Job Identification: 10-106--Fill in later TEENA RUFFO -- , **
Truss Count: 25
Model Code: Florida Building Code 2007 and 2009 Supplement
Truss Criteria: FBC2007Res/TPI-2002(STD);FBC2007Res/TPI-2007(STD)
Engineering Software: Alpine Software, Version 9.05.
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 7-05 -Closed

Notes:

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



Seal Date: 05/12/2010

-Truss Design Engineer-

James E. Collins, Jr.

Florida License Number: 52212

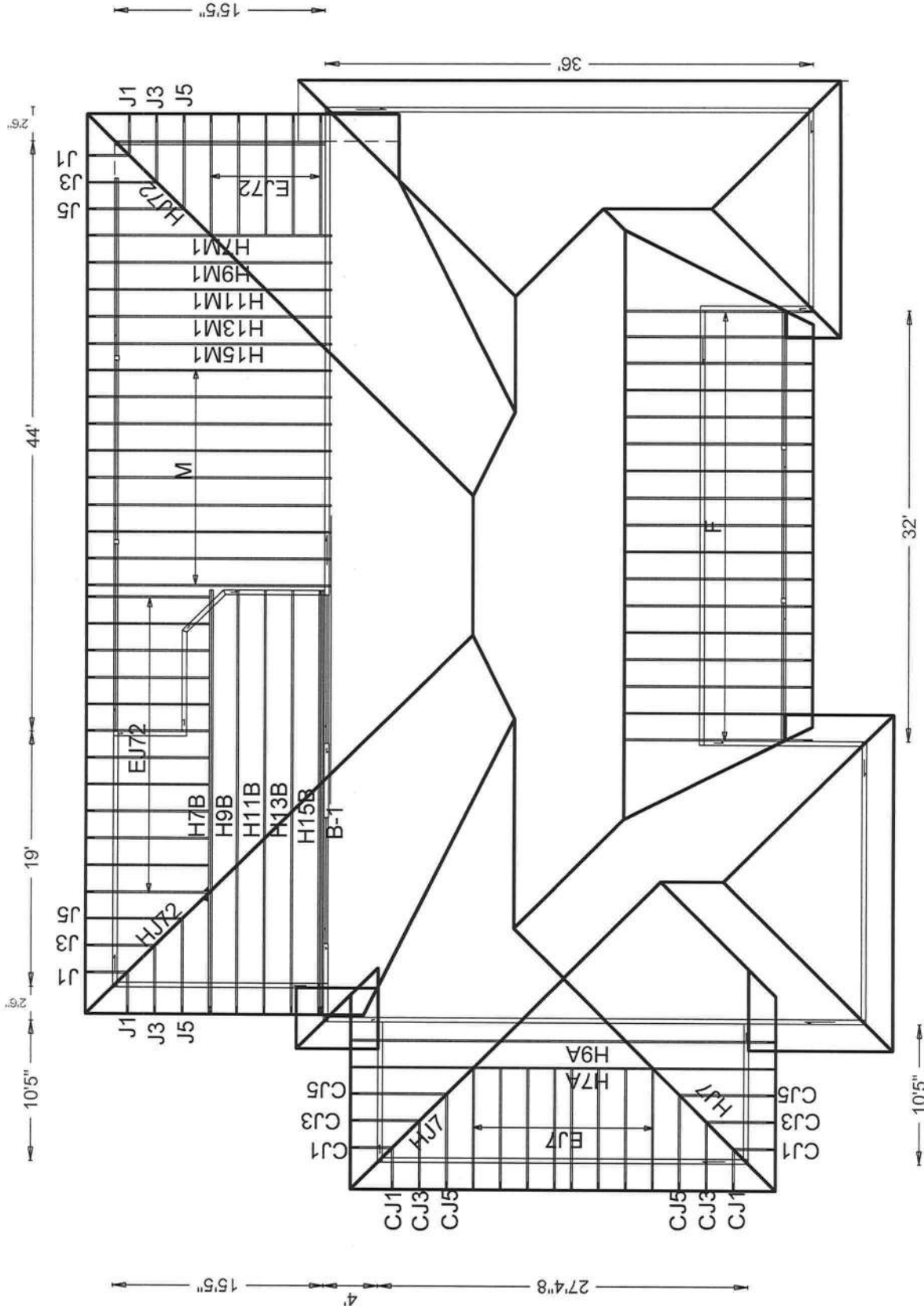
1950 Marley Drive

Haines City, FL 33844

#	Ref	Description	Drawing#	Date
1	58671--EJ7		10132019	05/12/10
2	58672--CJ5		10132002	05/12/10
3	58673--CJ3		10132015	05/12/10
4	58674--CJ1		10132018	05/12/10
5	58675--HJ7		10132017	05/12/10
6	58676--H7A		10132011	05/12/10
7	58677--H9A		10132001	05/12/10
8	58678--J5		10132013	05/12/10
9	58679--J3		10132005	05/12/10
10	58680--J1		10132004	05/12/10
11	58681--HJ72		10132008	05/12/10
12	58682--EJ72		10132006	05/12/10
13	58683--H13M1		10132007	05/12/10
14	58684--H11M1		10132012	05/12/10
15	58685--H9M1		10132003	05/12/10
16	58686--H7M1		10132014	05/12/10
17	58687--F		10132009	05/12/10
18	58688--B-1		10132008	05/12/10
19	58689--H7B		10132006	05/12/10
20	58690--H9B		10132007	05/12/10
21	58691--H11B		10132003	05/12/10
22	58692--H13B		10132004	05/12/10
23	58693--H15B		10132005	05/12/10
24	58694--M		10132016	05/12/10
25	58695--H15M1		10132010	05/12/10

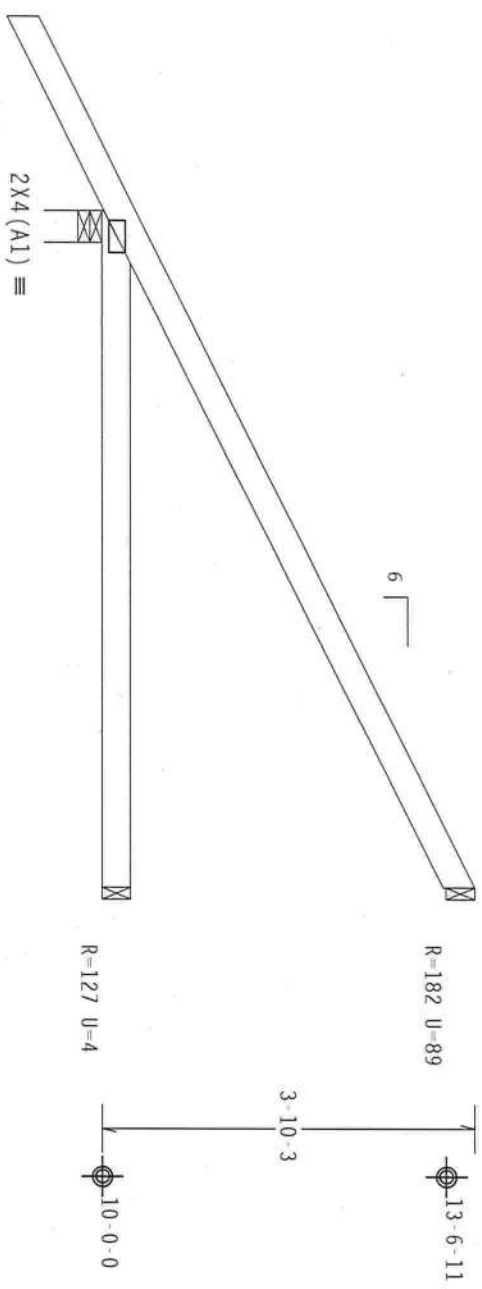


TEENA RUFFO/ PELICER



Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Roof overhang supports 2.00 psf soffit load.
Bottom chord checked for 10.00 psf non-concurrent live load.
MMFRS loads based on trusses located at least 7.50 ft. from roof edge.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ $G_{CPI}(+/-)=0.18$
Wind reactions based on MMFRS pressures.
Deflection meets L/240 live and L/180 total load.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.



PLT TYP. Wave

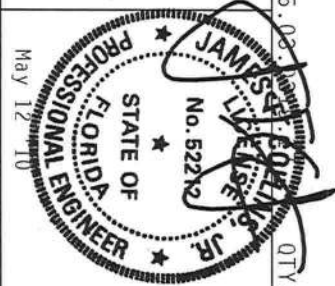
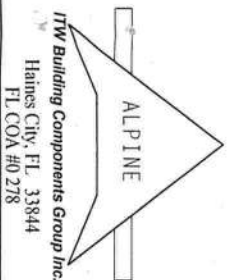
Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=20%(0%)/10(0)

QTY: 8 FL/-/4/-/-/R/-

Scale = .5"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. AFTER TO BESET (BUILDING COMPONENT SAFETY INFORMATION), PROVIDED BY TPI (TRUSS PLATE INSTITUTE), 218 NORTH 1ST STREET, SUITE 200, ALPHARETTA, GA 30009, OR SAFETY PRACTICES PRIOR TO PREPARING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

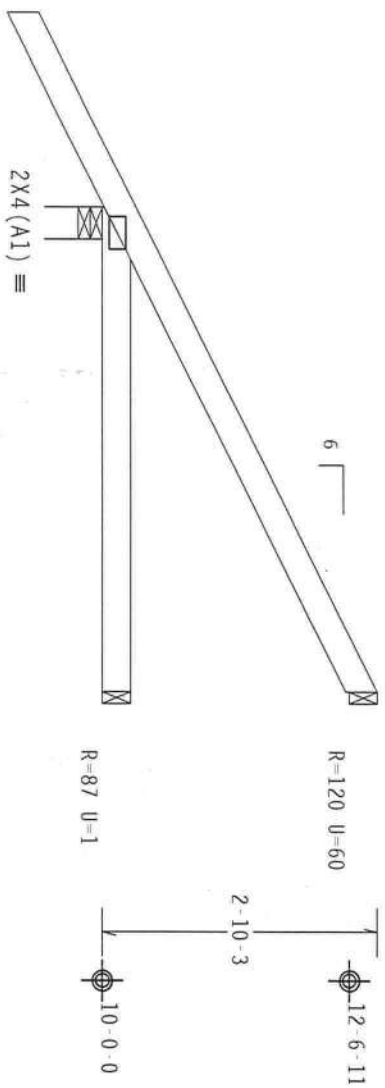
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE OF TRUSSES IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ITW BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF B05 (NATIONAL DESIGN SPEC. BY AIA/PA) AND TPI. ITW BCG CONNECTION PLATES ARE MADE OF 20/18/1664 (40/55/4) ASTM A551 GRADE 40/60 (4, 4/16, 5/8) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SILENT FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TC LL	20.0 PSF	REF R8228 - 58671
TC DL	10.0 PSF	DATE 05/12/10
BC DL	10.0 PSF	DRW HCU8R8228 10132019
BC LL	0.0 PSF	HC-ENG TCE/AP
TOT. LD.	40.0 PSF	SEQN- 106152
DUR. FAC.	1.25	
SPACING	24.0"	JREF - 1U108228202

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Roof overhang supports 2.00 psf soffit load.
Bottom chord checked for 10.00 psf non-concurrent live load.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=-5.0 psf,
wind BC DL=-5.0 psf, lw=1.00 gcpi(+/-)=0.18
Wind reactions based on MMFRS pressures.
Deflection meets L/240 live and L/180 total load.

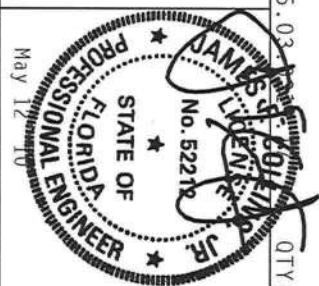


2'-0'-0" →
5'-0'-0" Over 3 Supports →
R=377 U=89 W=4"
RL=119/-57

PLT TYP. Wave
Design Crit: FBG2007Res/TPI-2002(STD)
FT/RT=20%(0%)/10(0)

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND WCA (WOOD TRUSS COUNCIL OF AMERICA), 6500 HUNTERS LANE, SUITE 100, FARMINGTON, CT 06031. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ITW BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF B05 (NATIONAL DESIGN SPEC., BY AIA/AIA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/S/P) ASTM A653 GRADE 40/60 (4, W/H, SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SILENT FOR THE TRUSS COMPONENT DESIGN SOURCE. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/PTI 1 SEC. 2.



QTY: 4	FL/-/4/-/-/R/-	Scale = .5"/Ft.
TC LL	20.0 PSF	REF R8228- 58672
TC DL	10.0 PSF	DATE 05/12/10
BC DL	10.0 PSF	DRW HCUSR8228 10132002
BC LL	0.0 PSF	HC-ENG TCE/AP
TOT.LD.	40.0 PSF	SEON- 106155
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1U108228202

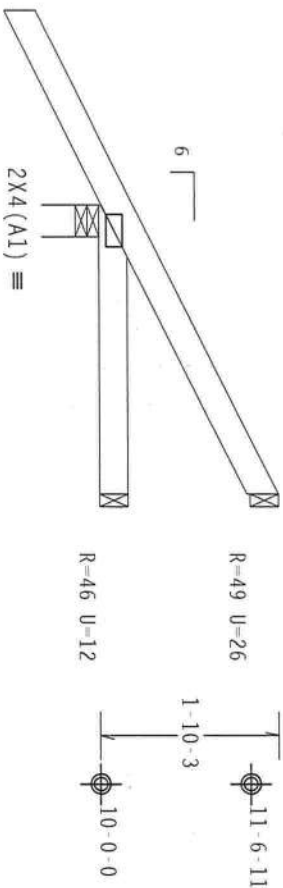
Bottom chord checked for 10.00 psf non-concurrent live load.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, located anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf, lw=1.00 GCPI (+/-)=0.18

Wind reactions based on MMFRS pressures.

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

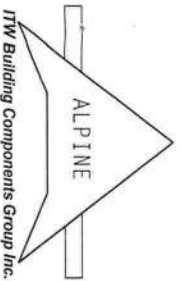


2-0-0-0

3-0-0 Over 3 Supports

R=317 U=86 W=4"
RL=85/-49

PLT TYP. Wave



Haines City, FL 33844
FL COA #0278

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=20%(0%)/10(0)

9.05.02-03 ~~Грунт~~ QTY:4

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

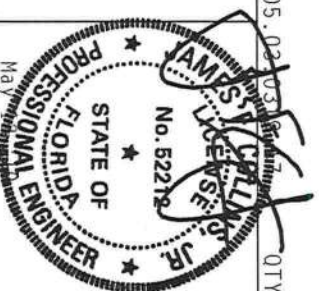
Scale = .5"/Ft.

*****WARNING***** THESE SPECIFICATIONS REQUIRE EXERCISE CARE IN FABRICATING, HANDLING, SHIPING, INSTALLING AND DRACING REFER TO DESIG. (BUILDING COMPONENT SAFETY INFORMATION) - PUBLISHED BY THE IRONSTEEL PLATE INSTITUTE - 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314 (800) 708-5308 OF AMERICA, 6300 ENTERPRISE LANE, MIDDLETOWN, NJ 07047 (908) 666-1100 FOR SAFETY PRACTICES RELATIVE TO PERFORMING THESE FUNCTIONS. THESE SPECIFICATIONS FOR GIRDOR SHALL HAVE PROPERTY ATTACHED STRUCTURAL PARTS AND BOTTOM GIRDOR SHALL HAVE A PROPERTY ATTACHED DECK SEALING.

*** * IMPORTANT * *** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE FOLLOWING INFORMATION, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONTRACTS IN APPLICATION PROVISIONS OF MOST NATIONAL DESIGN SPEC., OR AIPAS AND TPI. THE DESIGNER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE LOCAL AUTHORITIES. THE DESIGNER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE LOCAL AUTHORITIES. THE DESIGNER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE LOCAL AUTHORITIES.

DRAWING INDICATE ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISC/TPI 1 SEC. 2.



TC LL	20.0 PSF	REF	R8228- 58673
TC DL	10.0 PSF	DATE	05/12/10
BC DL	10.0 PSF	DRW	HCUSR8228 10132015
BC LL	0.0 PSF	HC-ENG	TCE/AP
TOT.LD.	40.0 PSF	SEQN-	106158
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1U108228Z02

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

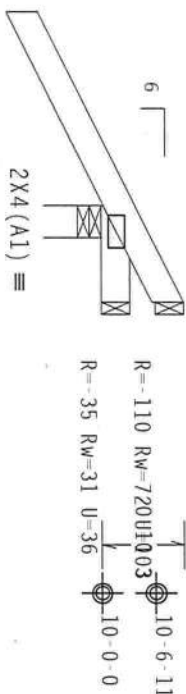
Bottom chord checked for 10.00 psf non concurrent live load

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, located anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 Gcpl(+/-)-0.18

Wind reactions based on MMFRS pressures.

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



$\overbrace{2-0-0}^{\text{Over 3 Supports}}$
 $\underbrace{1-0-0}_{\text{Supports}}$
 $R=361 \quad U=151 \quad W=4''$
 $RL=50' \cdot 42$

PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002(STD)

$$\overline{FT/RT} = 20\% (0\%) / 10 (0)$$

9.05.03.137

QTY: 4

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

Scale = .5" / Ft.

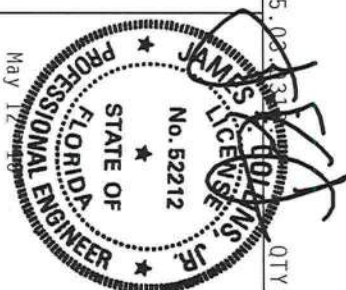
WARNING—FIRE'S BEGONE EXTINGUISHER CAN INFLAMMATION, HANDLING, SHOOTING, INSTALLING AND BRACING, REFER TO DCST (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY THE (FROSS PLACE INSTITUTE, 218 NORTH LEE STREET, SUITE 212, ALEXANDRIA, VA, 22314) AND WICK (6000 THORS CONSULTING OF AMERICA, 62500 ENTERPRISE LAKE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO REPAIRING FIRE CONDITIONS. UNLESS OTHERWISE INDICATED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED BRIDG CLIPPING.

ALPINE

ITW Building Components Group Inc

Haines City, FL 33844

FL COA #0278

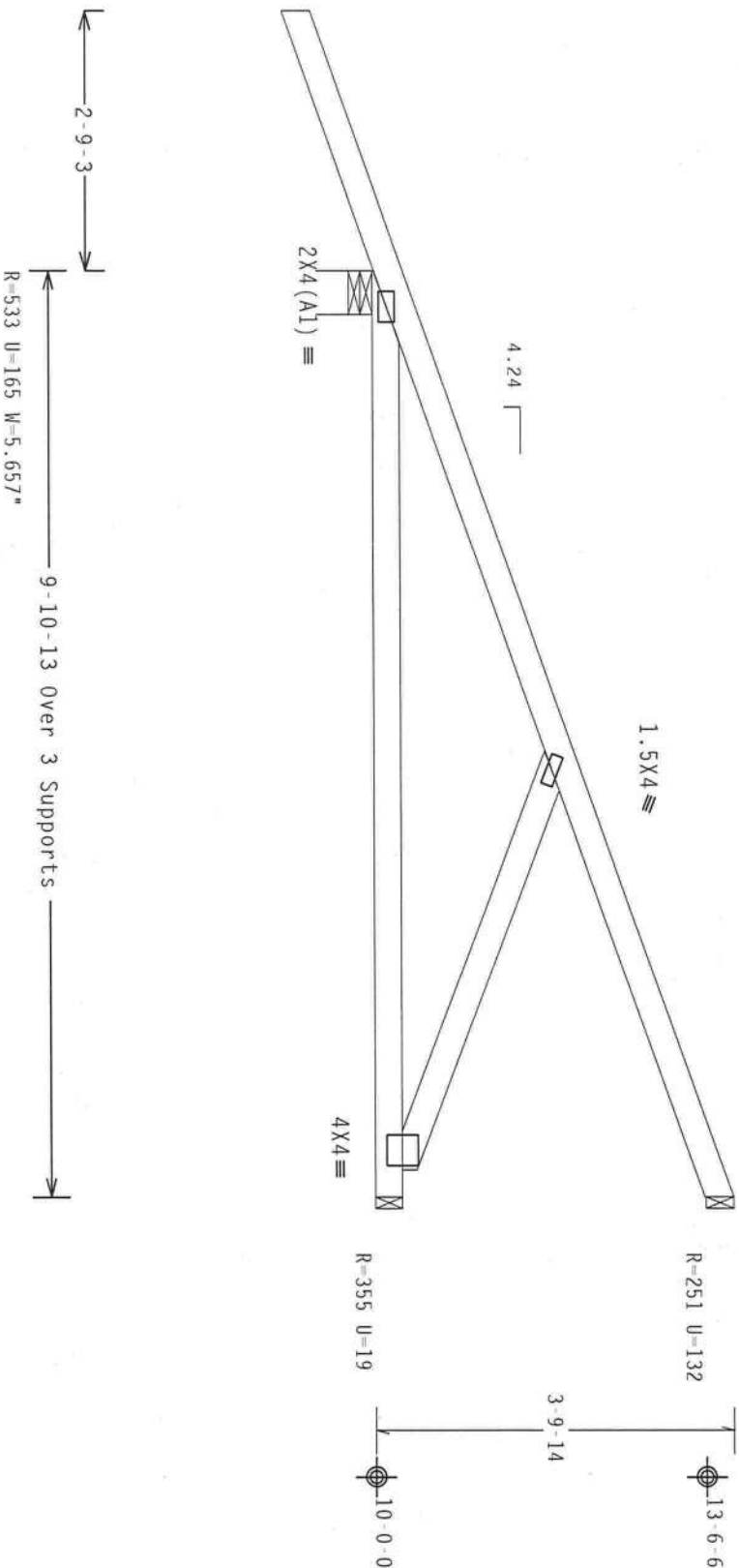


TC LL	20.0 PSF	REF	R8228- 58674
TC DL	10.0 PSF	DATE	05/12/10
BC DL	10.0 PSF	DRW	HCUSR8228 10132018
BC LL	0.0 PSF	HC-ENG	TCE/AP
TOT.LD.	40.0 PSF	SEON-	106163
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	IU108228Z02

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, located anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCPI (+/-) -0.18

Wind reactions based on MAFRS pressures.



Design Crit: FBC2007Res/TP1-2002(STD)
FT/RT=20%(0%)/10(0)

QTY:2

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

Scale = .5" / Ft.

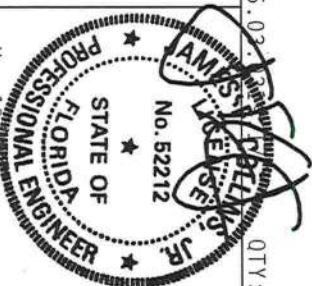
WARNING THESE BUILDING COMPONENTS ARE FABRICATED, MANUFACTURED, SHIPPED, INSTALLING AND BROUGHT INTO THE UNITED STATES OF AMERICA BY TPI TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND/OR TRUSS COMPANY OF AMERICA, 63000 ENTERPRISE LAKE, MADISON, WI, 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED FIELD CEILING.

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

FLCOA #0278



TC LL	20.0 PSF	REF	R8228- 58675
TC DL	10.0 PSF	DATE	05/12/10
BC DL	10.0 PSF	DRW	HCUSR8228 10132017
BC LL	0.0 PSF	HC-ENG	TCE/AP
TOT.LD.	40.0 PSF	SEQN-	106386
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1U108228202

(10-106--1111 in later ILENA RUP-U - , xx - H/A)

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

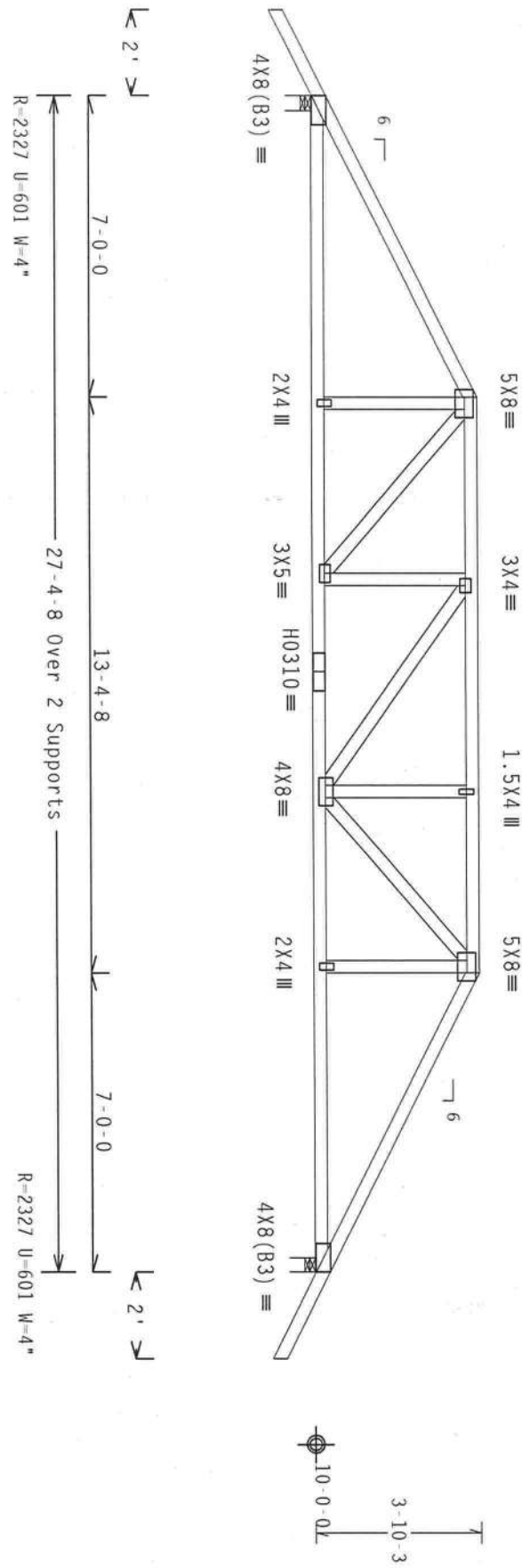
Roof overhang supports 2.00 psf soffit load.

#1 hip supports 7-0-0 jacks with no webs.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, located
anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf, wind BC
DL=5.0 psf, lw=1.00 gcpl(+/-)-0.18

Wind reactions based on MMFRS pressures.

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



PLT TYP. 20 Gauge HS, Wave

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=20%(0%)/10(0)

9.05.05

QTY: 1

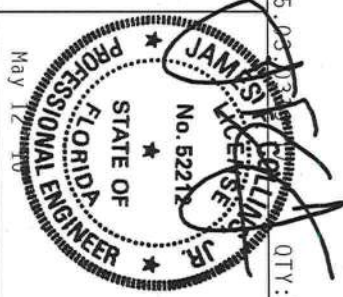
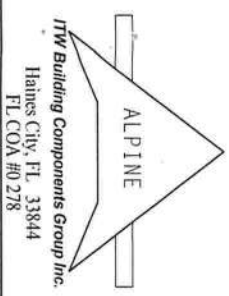
FL/-/4/-/-/R/-

Scale = .25" / Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. AFTER TO BE SET IN PLACE, THE TRUSS SHALL BE PROTECTED BY 2X4 TRUSS PLATE INSTITUTE, 210 NORTH STREET, SUITE 112, ALEXANDRIA, VA 22304 AND WICH 6000 TRUSS COUNCIL OF AMERICA. 6300 ENTERPRISE LANE, MOORE, UT 84051 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE OF TRUSSES IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ITW BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MOS (NATIONAL DESIGN SPEC. BY AIA/AIA) AND TPI. THE BCG CONNECTION PLATES ARE MADE OF 2010/1664 (40/55/50) ASTM A563 GRADE 40/60 (4, 4/10/55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A, 2.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED AS OF TPI 2002, SECTION 2. DRAWING INDICATES A MINIMUM OF 10% OF THE TRUSS COMPONENTS SHALL BE INSPECTED BY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TC LL	20.0 PSF	REF R8228- 58676
TC DL	10.0 PSF	DATE 05/12/10
BC DL	10.0 PSF	DRW HCUR8228 10132011
BC LL	0.0 PSF	HC-ENG TCE/AP
TOT. LD.	40.0 PSF	SEQN- 106200
DUR. FAC.	1.25	
SPACING	24.0"	UREF- 1U108228Z02

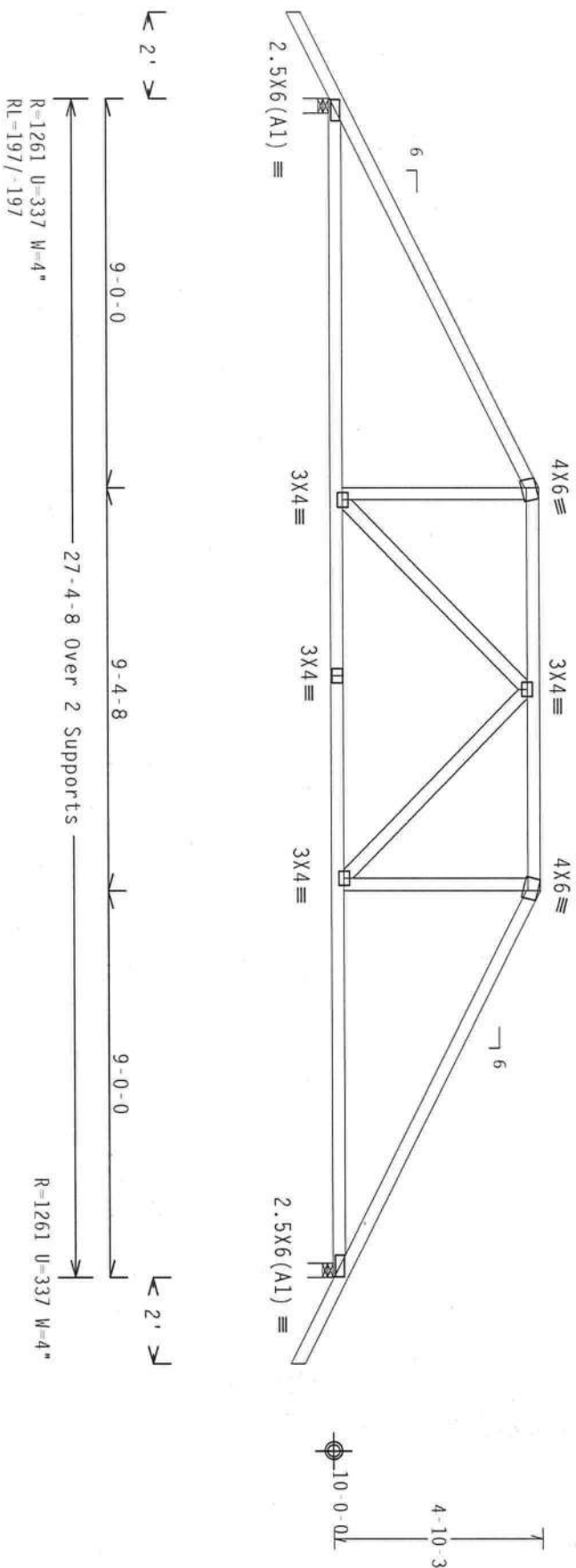
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT 11, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf Iw=1.00 GCPI (+/-)-0.18

Bottom chord checked for 10.00 psf non-concurrent live load.

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

MFERS loads based on trusses located at least 7.50 ft. from roof edge.

Wind reactions based on MWFRS pressures.



PLT TYP. Wave

Design Crit: FBC2007Res/TP1-2002(STD)
FT/RT=20%(0%)/10(0)

QTY:1

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

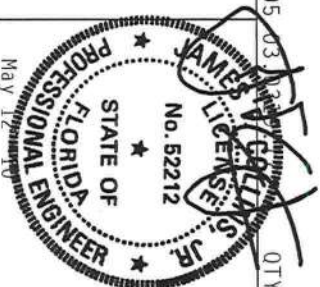
Scale = .25" / Ft.



ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0278

***WARNING-** THIS IS A DANGEROUS EXTERIOR CEMENT, MASONRY, ROOFING, INSTALLING, AND DRIPPING REFLECT TO RESIST CHILDREN'S COMPONENT SAFETY INFORMATION. PUBLISHED BY THE FINESSE PASTAL INSTITUTE, 218 NORTH LEE STREET, SUITE 112, ALEXANDRIA, VA, 22314 AND THE GOOD TRUSS COMPANY OF AMERICA, 6300 CHESTERFIELD AVE., MANSION, IL 61531 FOR SAFETY PRACTICES PLEASE TO PERFORMING THESE FUNCTIONS. DOWNSIDE INDICATED THE GOOD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM GOOD SHALL HAVE A PROPERLY ATTACHED RIGID CELLING.

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[illegible]

TC LL	20.0 PSF	REF	R8228 - 56677
TC DL	10.0 PSF	DATE	05/12/10
BC DL	10.0 PSF	DRW	HCUSR8228 10132001
BC LL	0.0 PSF	HC-ENG	TCE/AP
TOT.LD.	40.0 PSF	SEQN -	83674
DUR.FAC.	1.25		
SPACING	24.0"	JREF -	IU108228Z02

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

Wind reactions based on MMFRS pressures.

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

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

Roof overhang supports 2.00 psf soffit load.

Bottom chord checked for 10.00 psf non-concurrent live load.

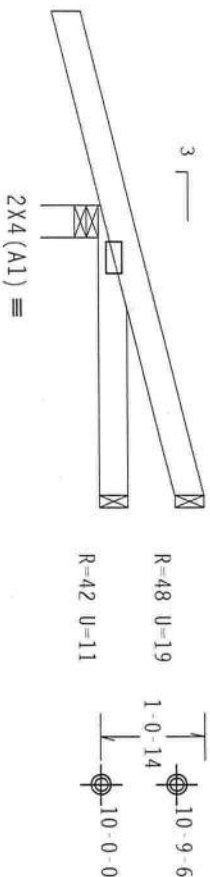


Diagram of a beam with dimensions and properties:

- Span: 20'-0"
- Supports: 3' over 3' (3'-0" over 3' Supports)
- Properties: $R=309$, $U=157$, $W=4"$, $R_L=50$

PLT TYP. Wave

Design Crit: FBG2007Res/TPI-2002(STD)
FT/RT=20%(0%)/10(0)

$$FT/RT=20\%(0\%)/10(0)$$

~~9.05.03.0816~~

QTY: 4

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

Scale = .5" / Ft.

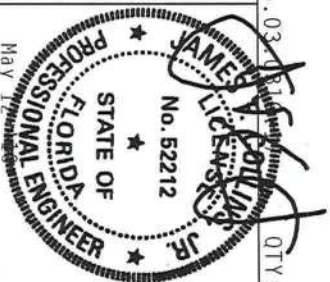
WARNING: THESE PROPERTIES REQUIRE EXTREME CARE IN INSTALLATION, HANDLING, SHIPPING, STORING, INSTALLING, AND BROKING. REFER TO RES-1 (CONTINUING COMPONENT SAFETY INFORMATION) - PUBLISHED BY THE FRANKS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND (800) 785-5500. TRUSS COMPANY OF AMERICA, 65000 INTERSTATE LAKE, MIDLAND, TX 79701 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS INDICATED FOR GOOD SAILS HAVE PROPERLY ATTACHED STRUT/CORRAL PANELS AND BOTTOM CHORD SAILS HAVE PROPERLY ATTACHED RIGID CEILING.

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

FL COA #0 278



TC LL	20.0 PSF	REF	R8228- 56679
TC DL	10.0 PSF	DATE	05/12/10
BC DL	10.0 PSF	DRW	HCUSR8228 10132005
BC LL	0.0 PSF	HC-ENG	TCE/AP
TOT.LD.	40.0 PSF	SEQN-	106308
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	IU108228Z02

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

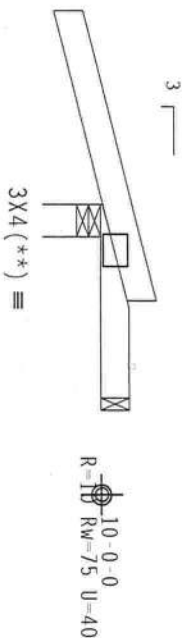
Bottom chord checked for 10.00 psf non-concurrent live load.

(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

Wind reactions based on MWFRS pressures.

Roof overhang supports 2.00 psf soffit load.

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



0-6-14
1

$2-0-0$
 $2-0-0$ Over 2 Supports
 $R=296 \quad U=167 \quad W=4"$
 $R_L=36$

PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=20%(0%)/10(0)

$$\begin{array}{r} 9.05.03 \\ \hline \end{array}$$

QTY:4

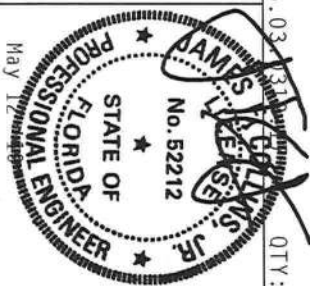
FL/-/4/-/-/R/-

Scale = .5"/ft.



ITW Building Components Group Inc.

Haines City, FL 33844
 FI COA #00778

[illegible][illegible]

TC LL	20.0 PSF	REF	R8228- 58680
TC DL	10.0 PSF	DATE	05/12/10
BC DL	10.0 PSF	DRW	HCUSR8228 10132004
BC LL	0.0 PSF	HC-ENG	TCE/AP
TOT.LD.	40.0 PSF	SEQN-	106313
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1U108228202

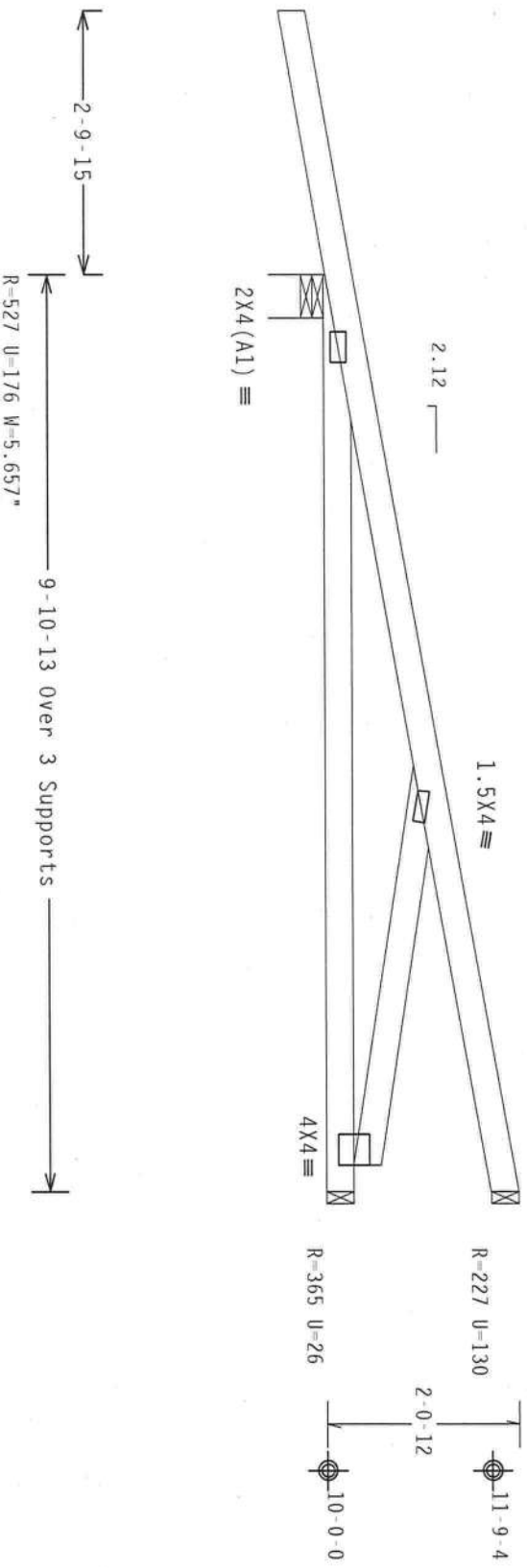
Top chord	2x4	SP	#2	Dense
Bot chord	2x4	SP	#2	Dense
Webbs	2x4	SP	#3	

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, located anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf, lw=1.00 GCP1(+)=0.18

Wind reactions based on MFRS pressures

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (3) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

Hipjack supports 7-0-0 setback jacks with no webs
Deflection meets L/240 live and L/180 total load.



PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=20%(0%)/10(0)

9.6

QTY:

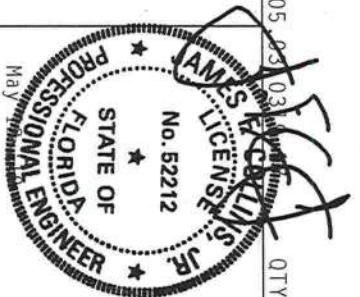
FL/-/4/-/-/R/

Scale = .5" / Ft.

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844
FL COA #0378

[illegible]

TC LL	20.0 PSF	REF	R8228- 58681
TC DL	10.0 PSF	DATE	05/12/10
BC DL	10.0 PSF	DRW	HCUSR8228 10132008
BC LL	0.0 PSF	HC-ENG	TCE/AP
TOT.LD.	40.0 PSF	SEQN-	106316
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	IUI08228Z02

Bottom chord checked for 10.00 psf non concurrent live load.

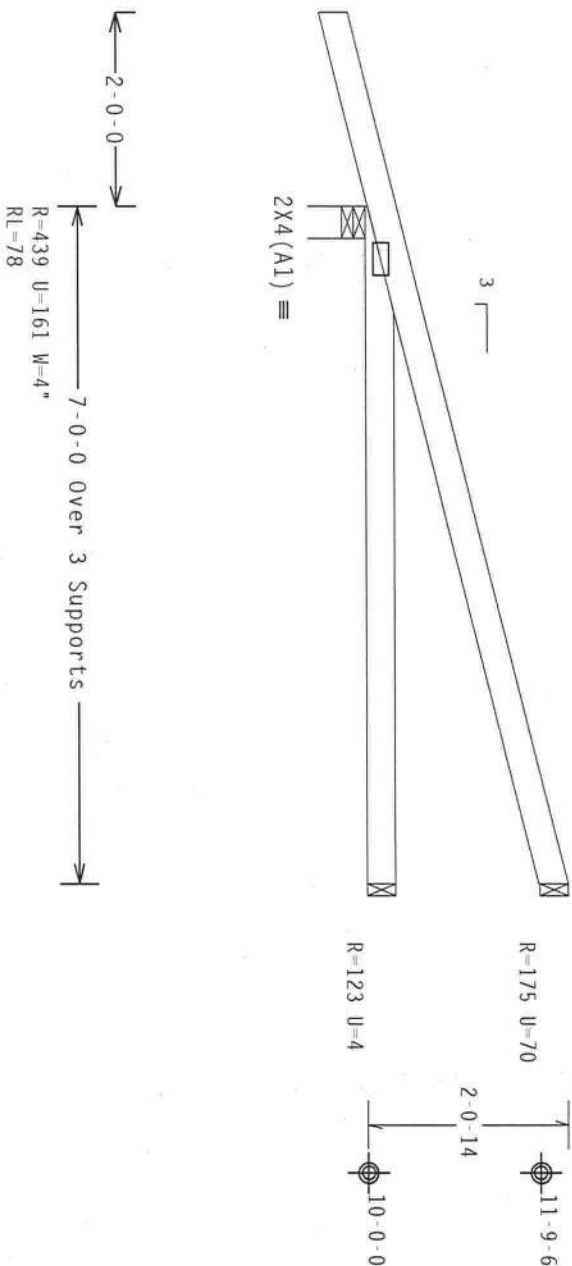
MMFRS loads based on trusses located at least 7.50 ft. from roof edge.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf, $I_w=1.00$ gcpi (+/-)=0.18

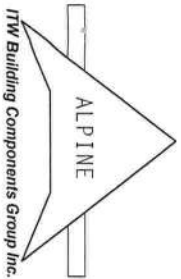
Wind reactions based on MMFRS pressures.

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

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



PLT TYP. Wave



Haines City, FL 33844
FL COA #0278

WARNING: FRICKS, BEHREND, ETC., CASE IN FABRICATION, PUBLISHED BY THE FRICKS PAPER INSTITUTION, 218 REFER TO GC51 (BUILDING COMPONENT SAFETY INFORMATION), NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND FRICK TOWNS COUNCIL OF AMERICA, 6500 ENTERPRISE LANE, MADISON, WI 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE ACTIONS. DUES \$55.00. PROPERLY INDICATED FOR GOOD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED FIELD CULING.

****IMPORTANT*** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE OR FABRICATING, HANDLING, SHIPPING, INSTALLING, BRACING OF TRUSSES.

[illegible]

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=20%(0%)/10(0)

$$\begin{array}{r} 9.05.03 \\ \hline \end{array}$$

QTY:17 FL/-/4/-/-/R/-

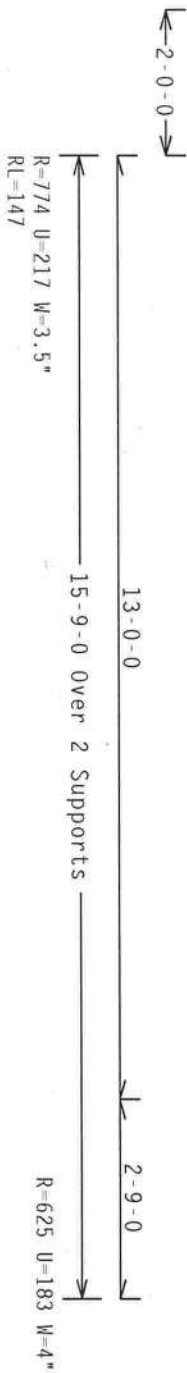
Scale = .5"/ft.



TC LL	20.0 PSF	REF	R8228- 58682
TC DL	10.0 PSF	DATE	05/12/10
BC DL	10.0 PSF	DRW	HCUSR8228 10132006
BC LL	0.0 PSF	HC-ENG	TCE/AP
TOT.LD.	40.0 PSF	SEQN-	106299
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	IUI08228Z02

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, Exp C, wind TC DL=5.0 psf, wind BC DL=5.0 psf, $I_w=1.00$ Gcpi (+/-) -0.18



Scale = .375"/Ft.



TC LL	20.0 PSF	REF	R8228- 58683
TC DL	10.0 PSF	DATE	05/12/10
BC DL	10.0 PSF	DRW	HCSR8228 10132007
BC LL	0.0 PSF	HC-ENG	TCE/AP *
TOT.LD.	40.0 PSF	SEON-	84151
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	IU108228202

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

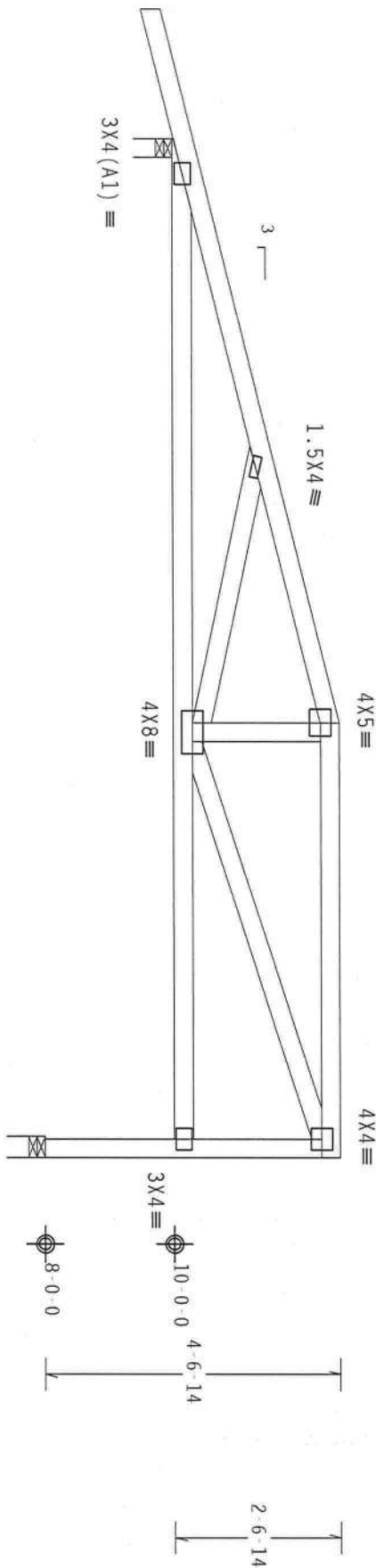
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT 11, EXP C, wind TC, DL=5.0 psf, wind BC DL=5.0 psf 1W=1.00 gcpi (+/-)-0.18

Roof overhang supports 2.00 psf soffit load.

Bottom chord checked for 10.00 psf non-concurrent live load.

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

Wind reactions based on MMFRS pressures.
Right end vertical not exposed to wind pressure.
MMFRS loads based on trusses located at least 7.50 ft. from roof edge.
Leg-down designed for vertical loads only.



2-0-0-0

0-0-6

-15-9-0 Over 2 Supports

R=774 U=230 W=3.5"
RL=113

R=625 U=178 W=4"

PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=20%(0%)/10(0)

9.05.03.031617
Q

QTY:1

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

Scale = .375"/Ft.

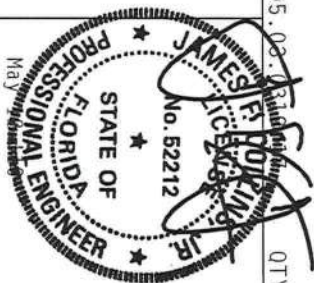
"WARNING"—FIRMS REQUIRE EXPLICIT CAUSE IN FABRICATION, HANDLING, OR SHIPPING, INSTALLING, AND BREAKING REFER TO ACES1 (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY THE TROSS PATEL INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND TEL. (800) 788-5588 OF AMERICA, 6300 RIVERCHASE LANE, HOUSTON, TX, 77059 FOR SAFETY PRACTICES AND PRICE TO PERFORM THESE FUNCTIONS. INTERESTED INDIVIDUALS FOR GOODRICH SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM GOODRICH SHALL HAVE PROPERLY ATTACHED RIGID CELLING.

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844
FL 33844

FLCOA #0218



TC LL	20.0 PSF	REF	R8228- 58685
TC DL	10.0 PSF	DATE	05/12/10
BC DL	10.0 PSF	DRW	HCUSR8228 10132003
BC LL	0.0 PSF	HC-ENG	TCE/AP *
TOT.LD.	40.0 PSF	SEON-	84184
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1U108228202

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

Wind reactions based on MMFRS pressures.

Bottom chord checked for 10.00 psf non-concurrent live load.
 MFERS loads based on trusses located at least 15.00 ft. from roof edge.

SHIM ALL SUPPORTS SOLID TO BEARING.



Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=20%(0%)/10(0)

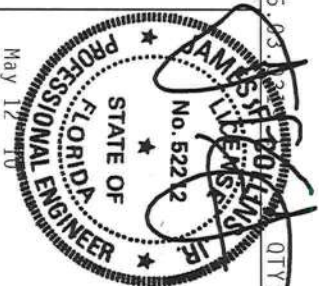
Scale = .5" / Ft.

***WARNING:** THESE HIGH-TEMPERATURE CORDS IN LABORATORY, INDUSTRIAL, SHIPPING, TRUCKING AND DRIVING, REFER TO DESIGN (BULB/DIODE COMPOSED OF SILICON INFORMATION), PUBLISHED BY THE ILLUMINATING INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 (GOOD THINGS COME OF AMERICA, 6500 ENTERPRISE AVE., SUITE 500, #1, 53170) FOR SAFETY PRACTICES PERTAIN TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED THE CORDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CORD SHALL HAVE A PROPERLY ATTACHED RIGID CEEILING.

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844
FL COA #0278



TC LL	20.0 PSF	REF	R8228- 58687
TC DL	10.0 PSF	DATE	05/12/10
BC DL	10.0 PSF	DRW	HCUSR8228 10132009
BC LL	0.0 PSF	HC-ENG	TCE/AP
TOT.LD.	40.0 PSF	SEQN-	84243
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	IU108228202

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

		Dur.	Fac.	1.25 /	Plate	Dur.	Fac.	1.25)
TC	From	61	pif at -2.00	to	61	pif at 15.17		
TC	From	61	pif at 15.17	to	61	pif at 29.58		
BC	From	4	pif at -2.00	to	4	pif at 0.00		
BC	From	20	pif at 0.00	to	20	pif at 29.58		
BC	2332.00	1b	Conc.	Load at	4.50			
BC	1478.00	1b	Conc.	Load at	6.50,	8.50,10.50,12.50		
	18.50,20.50,22.50,24.50,26.50,28.50							

Roof overhang supports 2.00 psf soffit load.

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

LOADING HAS BEEN CALCULATED BY THE TRUSS MANUFACTURER. IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO VERIFY AND APPROVE THE LOADING.



Design Crit: FBC2007Res/TP1-2002(STD)

PLT TYP. 20 Gauge HS, Wave



ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0278

Nail Schedule: 0.128"x3" min. nails
Top Chord: 1 Row @ 12.00" o.c.
Bot Chord: 2 Rows @ 5.00" o.c. (Each Row)
Webs: 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

brg	block	0.128"x3",	min.	nails	
brg	x-loc	#blocks	length/bk	#nails/bk	wall plate
1	0.00'	1	18"	24	Rigid Surface
2	29.250'	2	13"	16	Rigid Surface

Brig block to be same size and species as bottom chord.
Refer to drawing CNNALSP0109 for more information.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAI 11, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf, $I_w=1.00$ GCPI (+/-)=0.18

End verticals not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

MMFRS loads based on trusses located at least 15.00 ft. from roof edge.

Scale = .1875"/Ft.	
Scale - /4/- /-R/-	
TC LL	20.0 PSF
TC DL	10.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	40.0 PSF
DUR.FAC.	1.25
SPACING	24.0"
JREF - 1U108228202	
REF R8228- 58688	
DATE 05/12/10	
DRW HCU8R8228 10132008	
HC-ENG SSR/AP	
SEQN- 85403	

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, located anywhere in roof, CAT II, Exp C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCPI(+/-)=0.18

Wind reactions based on MMFRS pressures.

Roof overhang supports 2.00 psf soffit load.

Left side jacks have 7-0-0 setback with 0-0-0 cant and 2-0-0 overhang.
End jacks have 7-0-0 setback with 0-0-0 cant and 2-0-0 overhang.

Right side jacks have 0-0-0 setback with 1-0-0 cant and 0-0-0 overhang.

2 COMPLETE TRUSSES REQUIRED

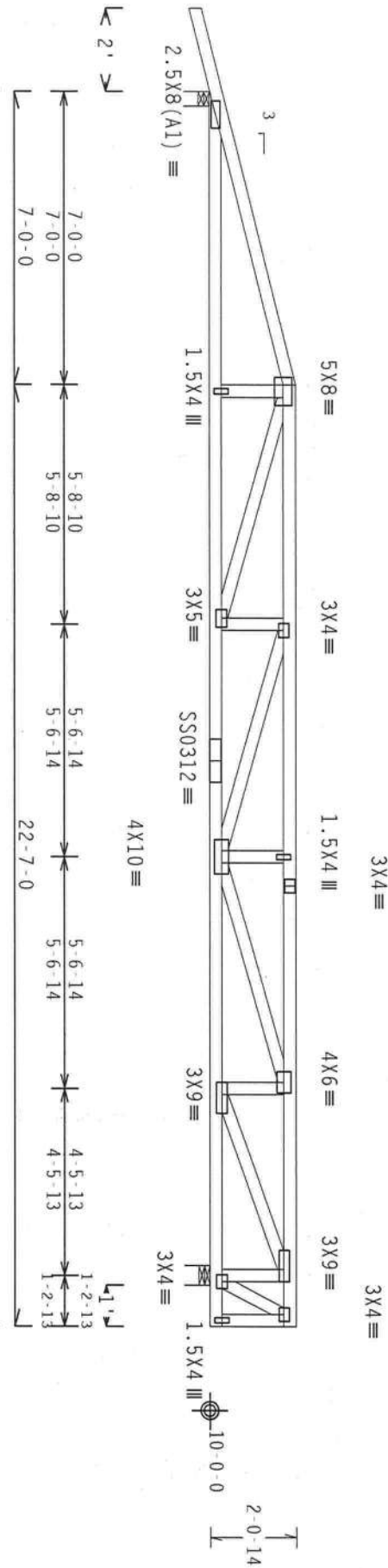
Nail Schedule: 0.128"x3", min. nails

Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Right end vertical not exposed to wind pressure.

#1 hip supports 7-0-0 jacks with no webs.

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



PLT TYP. 18 Gauge HS.Wave

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=20%(0%)/10(0)

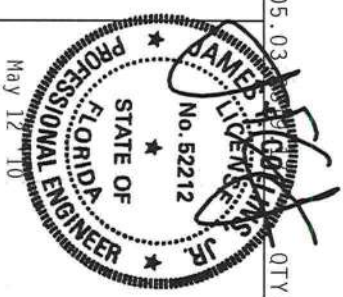
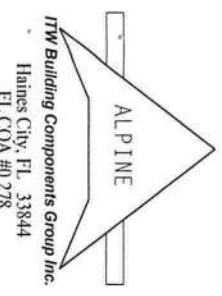
9.05.03

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

Scale = .25"/ft.

****WARNING**** TRUSSES PROVIDE EXTERIOR CASE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST AVAILABLE COMPONENT SAFETY INFORMATION. PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO REINFORCING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. TPI BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, BY AGENCY AND TPI, TPI BCG CONTRACTOR WITH ANY TO BE PROVIDED PROVISIONS OR ANY OTHER DESIGN, SPECIFICATION, OR DRAWING, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, SPECIFICATION, OR DRAWING, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, SPECIFICATION, OR DRAWING, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, SPECIFICATION, OR DRAWING, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.



TC LL	20.0 PSF	REF	R8228- 58689
TC DL	10.0 PSF	DATE	05/12/10
BC DL	10.0 PSF	DRW	HCUSR8228 10132006
BC LL	0.0 PSF	HC-ENG	SSB/AP
TOT. LD.	40.0 PSF	SEON-	85424
DUR. FAC.	1.25		
SPACING	24.0"	JREF	1U108228Z02

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. [w=1.00 GCPI(+)=0.18

Roof overhang supports 2.00 psf soffit load.

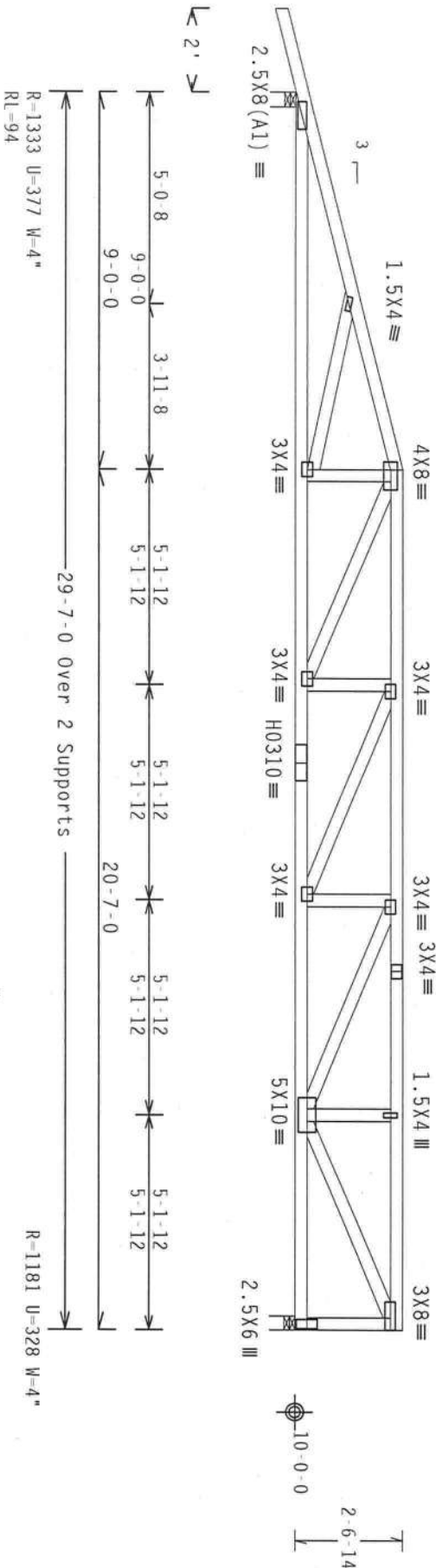
Wind reactions based on MMFRS pressures.

Bottom chord checked for 10.00 psf non-concurrent live load.

Right end vertical not exposed to wind pressure.

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

WMFRS loads based on trusses located at least 7.50 ft. from roof edge.



PLT TYP. 20 Gauge HS, Wave

Design Crit: FBC2007Res/TPI-2007(STD)
FT/RT=20%(0%)/10(0)

9.05 03.0310 ~~0310~~ QTY:1

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

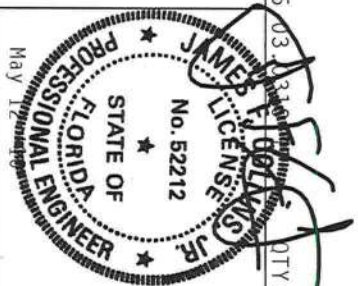
Scale = .25"/Ft.

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

FL COA #0 278



TC LL	20.0 PSF	REF	R8228- 58690
TC DL	10.0 PSF	DATE	05/12/10
BC DL	10.0 PSF	DRW	HCUSR8228 10132007
BC LL	0.0 PSF	HC-ENG	SSB/AP *
TOT.LD.	40.0 PSF	SEQN-	85438
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	IU108228202

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

Roof overhang supports 2.00 psf soffit load.

Bottom chord checked for 10.00 psf non-concurrent live load.

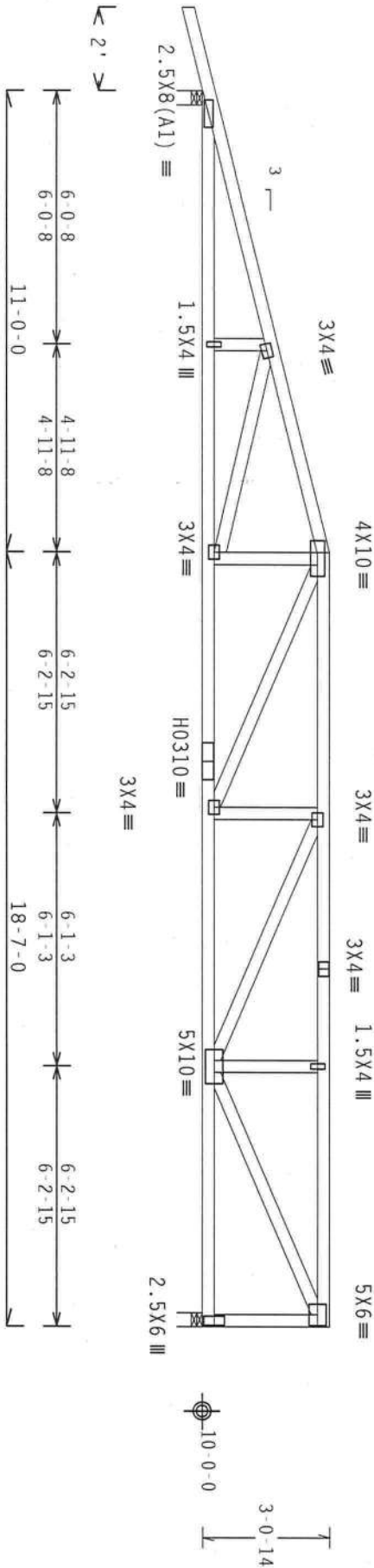
Deflection meets L/240 live and L/180 total load.

110 mph wind, 15.00 ft mean hgt., ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf, $I_w=1.00$ Gcpl (+/-)=0.18

Wind reactions based on MMFRS pressures.

Right end vertical not exposed to wind pressure.

MMFRS loads based on trusses located at least 7.50 ft. from roof edge.



R=1333 U=371 W=4"
RL=111

R=1181 U=329 W=4"

PLT TYP. 20 Gauge HS.Wave

Design Crit: FBC2007Res/TP1-2002(STD)
FT/RT=20%(0%)/10(0)

9.05.03

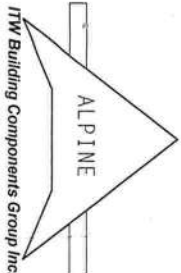
QTY:1

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

Scale = .25"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION) - PUBLISHED BY TP1 (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MOUNDSVILLE, WV 26041) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

ALPINE



Haines City, FL 33844
FL COA #0278



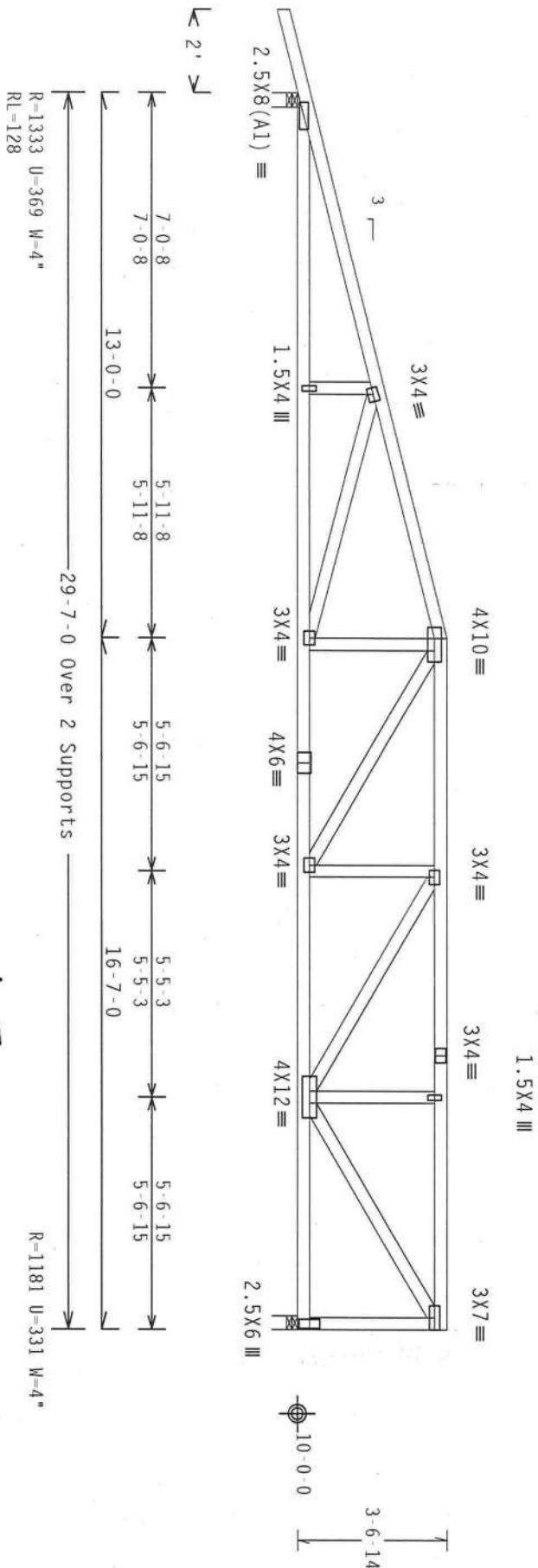
TC LL	20.0 PSF	REF R8228- 58691
TC DL	10.0 PSF	DATE 05/12/10
BC DL	10.0 PSF	DRW HCU8R8228 10132003
BC LL	0.0 PSF	HC-ENG SSB/AP
TOT.LD.	40.0 PSF	SEON- 85444
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1U108228202

Roof overhang supports 2.00 psf soffit load.

Bottom chord checked for 10.00 psf non-concurrent live load.

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

Wind reactions based on MFIRS pressures.
Right end vertical not exposed to wind pressure.
MFIRS loads based on trusses located at least 7.50 ft. from roof edge.



PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=20%(0%)/10(0)

FT/RT=20%(0%)/10(0)

9.05.03.03 19.04.2017 QTY:1

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

Scale = .25"/ft.

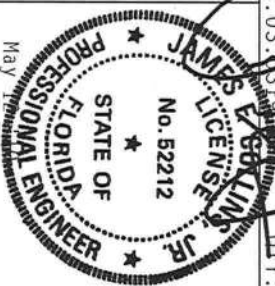
"WARNING" - THESE BUILDING COMPONENTS ARE IN FABRICATION, HANDLING, OR SHIPPING. INSTALLING AND DRACKING REFER TO SECT. (BUILDING COMPONENT SAFETY INFORMATION) - PUBLISHED BY THE FIBREGLASS INSTITUTE - 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND WICK, (800) 788-6688. TRUSS COMPANY, OF AMERICA, 6500 INTERSTATE I-4E, SUITE 1500, W. 53179 FOR SAFETY PRACTICES, PLEASE REFER TO THE FOLLOWING: THESE COMPONENTS, UNLESS OTHERWISE INDICATED FOR CHORD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERTY ATTACHED RIGID CEILING.

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

FLCOA #0278



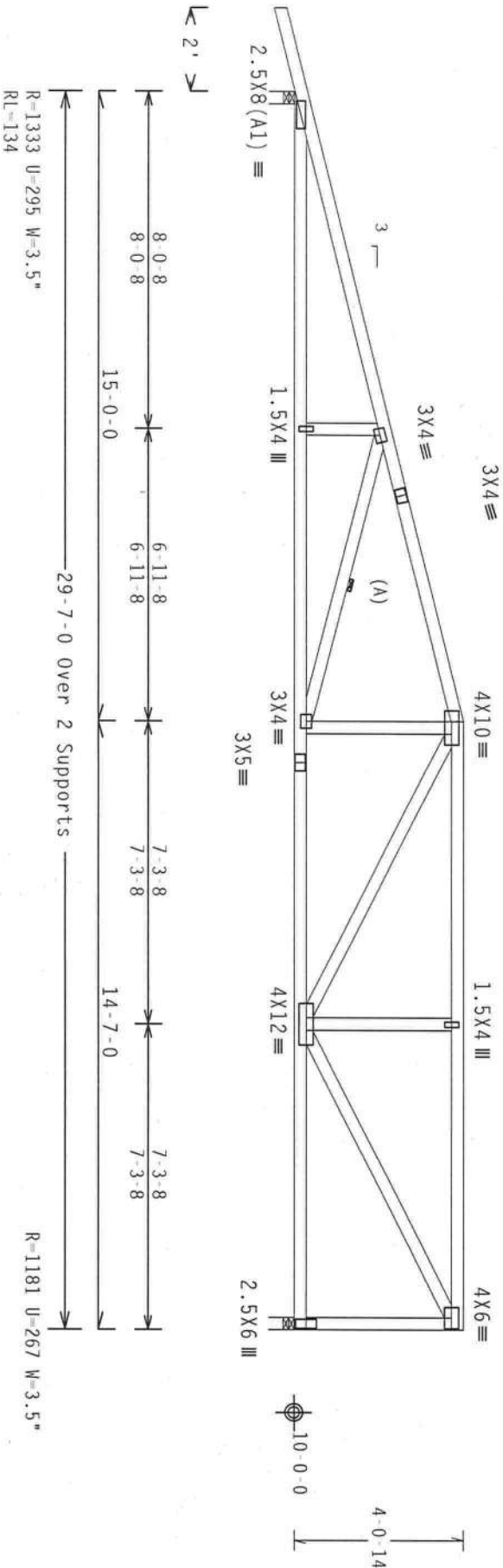
TC LL	20.0 PSF	REF	R8228- 58692
TC DL	10.0 PSF	DATE	05/12/10
BC DL	10.0 PSF	DRW	HCU8R8228 10132004
BC LL	0.0 PSF	HC-ENG	SSB/AP *
TOT.LD.	40.0 PSF	SEQN-	85449
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1U1Q8228Z02

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind SC DL=5.0 psf $[w=1.00 \text{ Gch}(\pm)=0.18$

Wind reactions based on MMFRS pressures.

Right end vertical not exposed to wind pressure.

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



Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=20%(0%)/10(0)

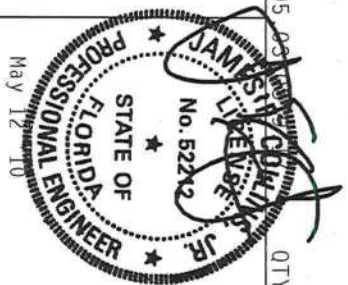
~~9.05~~ QTY:1

QTY:1

FL/-/-141/-/-1R/-/-

Scale = .25"/Ft.

ITW Building Components Group Inc.
Haines City, FL 33844
FLCOA #0278



TC LL	20.0 PSF	REF	R8228 - 58693
TC DL	10.0 PSF	DATE	05/12/10
BC DL	10.0 PSF	DRW	HCUSR8228 10132005
BC LL	0.0 PSF	HC-ENG	SSB/AP *
TOT.LD.	40.0 PSF	SEQN-	85461
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	IUI08228Z02

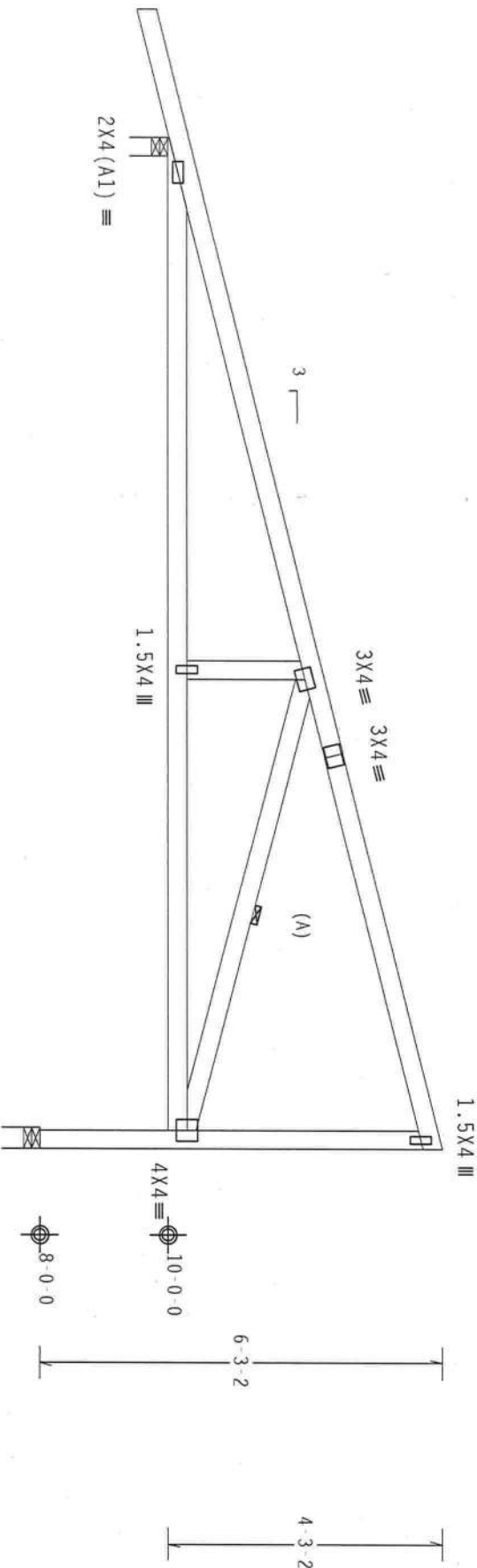
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC D1=5.0 psf, wind BC D1=5.0 psf, $W=1.00$ GCF (+/-) -0.18

Wind reactions based on MMFRS pressures.

Right end vertical not exposed to wind pressure.

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

Leg-down designed for vertical loads only.



$\leftarrow 2-0-0 \rightarrow$
 $\overbrace{\hspace{15em}}^{15-9-0 \text{ Over } 2 \text{ Supports}}$
 $\leftarrow$

R=774 U=211 W=3.5"
 RL=158

R=625 U=133 W=4"

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=20%(0%)/10(0)

Scale = .375" / Ft.



TC LL	20.0 PSF	REF	R8228- 58694
TC DL	10.0 PSF	DATE	05/12/10
BC DL	10.0 PSF	DRW	HCUSR8228 10132016
BC LL	0.0 PSF	HC-ENG	TCE/AP *
TOT.LD.	40.0 PSF	SEQN-	84169
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1U108228202

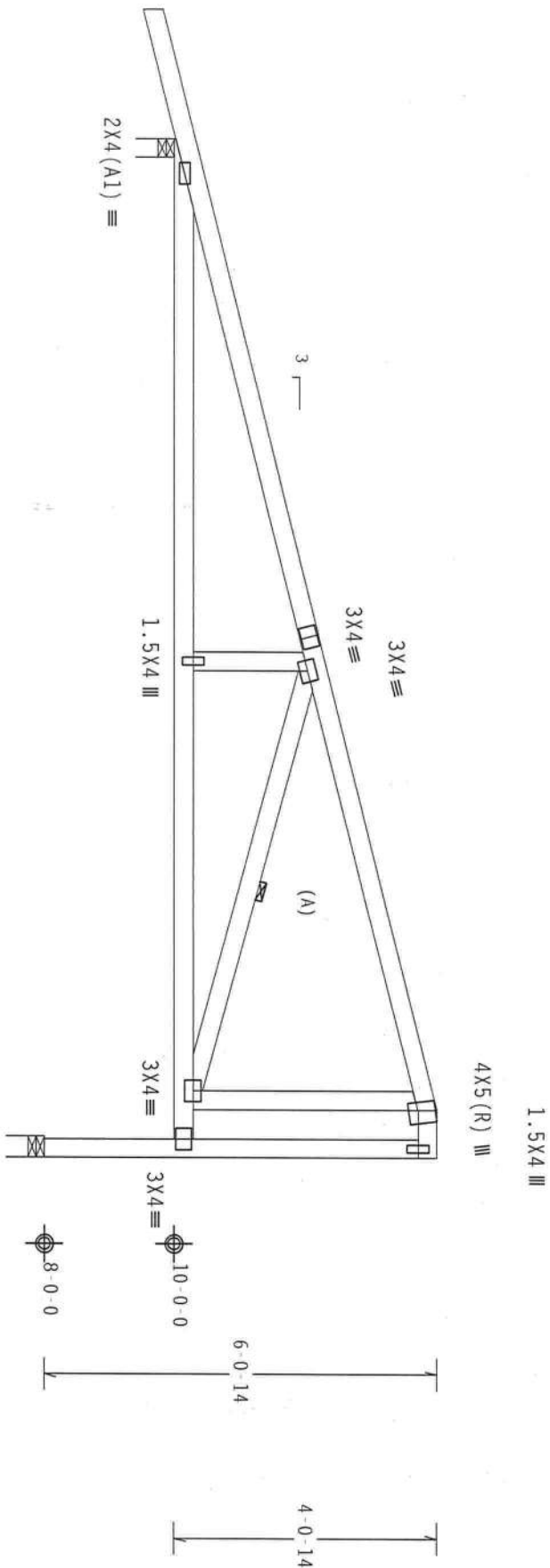
110 mph wind, 15.00 ft mean hgt., ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf 1w=1.00 gcpi(+/-)=0.18

Wind reactions based on MMFRS pressures.

Right end vertical not exposed to wind pressure.

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

Leg-down designed for vertical loads only.



Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=20%(0%)/10(0)

QTY:1

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

Scale = .375" / Ft.

WARNING: ALL FIBERS RELEASED EXPOSED CAN BE IN FIBERGLASS, HANDLING, SHIPPING, INSTALLING AND BRACING REFER TO BEST AVAILABLE PRODUCT SAFETY INFORMATION. PUBLISHED BY THE FIBERS PAPER INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314, AND WIRE GOOD TRUSS COUNCIL OF AMERICA, 65000 10TH INTERSTATE LANE, MADISON, WI 53719 FOR SAFETY PRACTICES PERTAINING TO PERFORMING THESE FUNCTIONS. OVERPRESSURE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT

TP1; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES,

COLLECTOR PLATES ARE MADE OF 20/10/16GA (H, H/SS/K) ASTM A653 GRADE 40/60 (H, K/H, SS) GALV. STEEL. APPLY

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF IP11-2002 SEC.3. A SEAL ON THIS

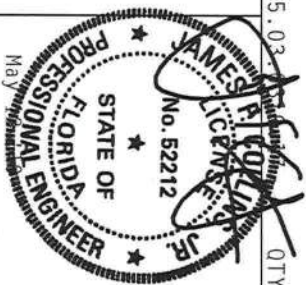
DESIGN SHOWN. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

RE RESPONSE
IP1: OR FAB

ITW Building Components Group Inc.

Haines City, FL 33844

FLCOA #0278



TC LL	20.0 PSF	REF	R8228- 58695
TC DL	10.0 PSF	DATE	05/12/10
BC DL	10.0 PSF	DRW	HCSR8228 10132010
BC LL	0.0 PSF	HC-ENG	TCE/AP
TOT.LD.	40.0 PSF	SEQN-	84142
DUR.FAC.	1.25		
SPACING	24.0"	JREF -	1U108228202

MINIMUM NAIL SPACING DISTANCES			
DISTANCES			
A	B*	C**	D

MIN)	3/4"	1 3/8"	1 3/4"	7/8"
MIN)	3/8"	1 5/8"	2"	1 1/2"

(MIN)	(/ 8	1 5/8	2	1
25" MIN)	2/8"	1 5/8"	2"	1"

Time (min)	Flow rate (ml/min)	Flow rate (ml/min)	Flow rate (ml/min)
1	2	8/8	8/8
2	2	8/8	8/8
3	2	8/8	8/8
4	2	8/8	8/8
5	2	8/8	8/8
6	2	8/8	8/8
7	2	8/8	8/8
8	2	8/8	8/8
9	2	8/8	8/8
10	2	8/8	8/8
11	2	8/8	8/8
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95	2	8/8	8/8
96	2	8/8	8/8
97	2	8/8	8/8
98	2	8/8	8/8
99	2	8/8	8/8
100	2	8/8	8/8

" MIN)	"	" 8/	" 1/4"
3, MIN)	1 5/8	2 1/8	1 1/4

(MIN)	1 1/8"	2 1/4"	1 1/2"
1	1 1/8"	2 1/4"	1 1/2"

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

λ 3, (MIN)	λ 2, (MIN)	λ 1, (MIN)	λ 0, (MIN)
1	1 1/8	2 1/4	1 1/4

X 3.65, MIN)	1	1 7/8	2 1/4	1 1/2
X 3.65, MIN)	1	1 7/8	2 1/4	1 1/2

λ (nm)	1	2	3	4
350	0.00	0.00	0.00	0.00
400	0.00	0.00	0.00	0.00
450	0.00	0.00	0.00	0.00
500	0.00	0.00	0.00	0.00
550	0.00	0.00	0.00	0.00
600	0.00	0.00	0.00	0.00
650	0.00	0.00	0.00	0.00
700	0.00	0.00	0.00	0.00
750	0.00	0.00	0.00	0.00
800	0.00	0.00	0.00	0.00
850	0.00	0.00	0.00	0.00
900	0.00	0.00	0.00	0.00
950	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00

3/4	1 1/2	1 7/8	1
2 5/8"	1 5/8"	2"	1

[illegible]

3/4	1 1/2	1 7/8	1
7/8"	1 5/8"	2"	1

	REF. NAIL SPACE
--	-----------------

DATE	1/1/09
------	--------

DATE	1/1/03
DEPT	CNN/II SPOT

DWMG CINAILECTO

1000

[illegible]

		DIVING
		CANALS
		S

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

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

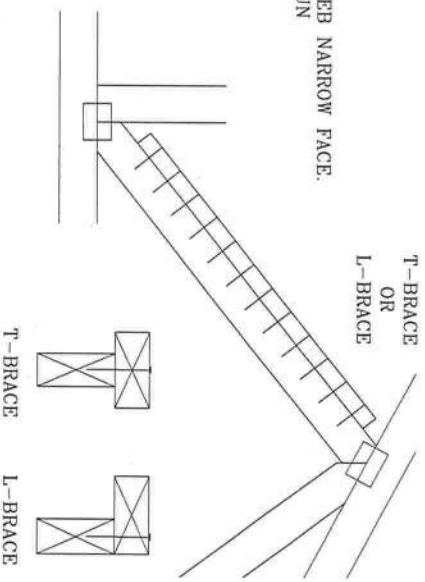
ALTERNATIVE BRACING SPECIFIED IN CHART BELOW MAY BE CONSERVATIVE. FOR MINIMUM ALTERNATIVE BRACING, RE-RUN DESIGN WITH APPROPRIATE BRACING.

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

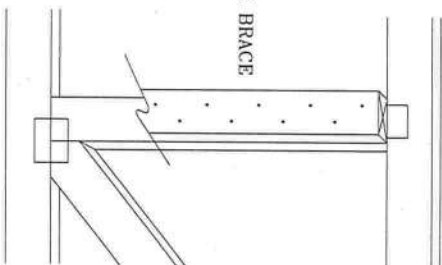
T-BRACE, L-BRACE AND SCAB BRACE TO BE SAME SPECIES AND GRADE OR BETTER THAN WEB MEMBER UNLESS SPECIFIED OTHERWISE ON ENGINEER'S SEALED DESIGN.

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

APPLY TO EITHER SIDE OF WEB NARROW 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



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



Building Components Group Inc.

Earth City, MO 63045

[illegible]

JAMES F. COLLINS
No. 52212
LICENSE

TC LL	PSF	REF	CLB SUBST.
TC DL	PSF	DATE	1/1/09
BC DL	PSF	DRWG	BRCLBSUB0109
BC LL	PSF		
TOT. LD.	PSF		
DUR. FAC.			
PACKING			