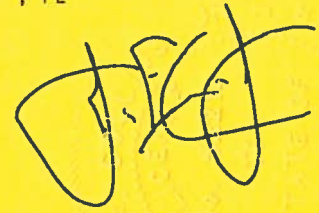


ITW Building Components Group, Inc.

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: ITA6215-Z0527061205

Truss Fabricator: W.B. Howland
Job Identification: 4855-/MR. & MRS. FRANK PAGANO /OWNER BUILDER -- NASH RD. , FL
Truss Count: 9
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 - 120 MPH ASCE 7-02 -Closed



Seal Date: 08/27/2007

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: HCUSR215

-Truss Design Engineer-
James F. Collins Jr.

Florida License Number: 52212
1950 Marley Drive
Haines City, FL 33844

Details: -

#	Ref	Description	Drawing#	Date
1	61056--A1		07236011	08/24/07
2	61057--A2		07236012	08/24/07
3	61058--A3		07236013	08/24/07
4	61059--A4		07236014	08/24/07
5	61060--JC1		07236015	08/24/07
6	61061--JC3		07236016	08/24/07
7	61062--JC5		07236017	08/24/07
8	61063--JE7		07236018	08/24/07
9	61064--JH10		07236019	08/24/07



Top chord 2x4 SP #2 N : T2 2x6 SP #2 N:

Bot chord	2x6	SP	#2 N
webs	2x4	SP	#2 N

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

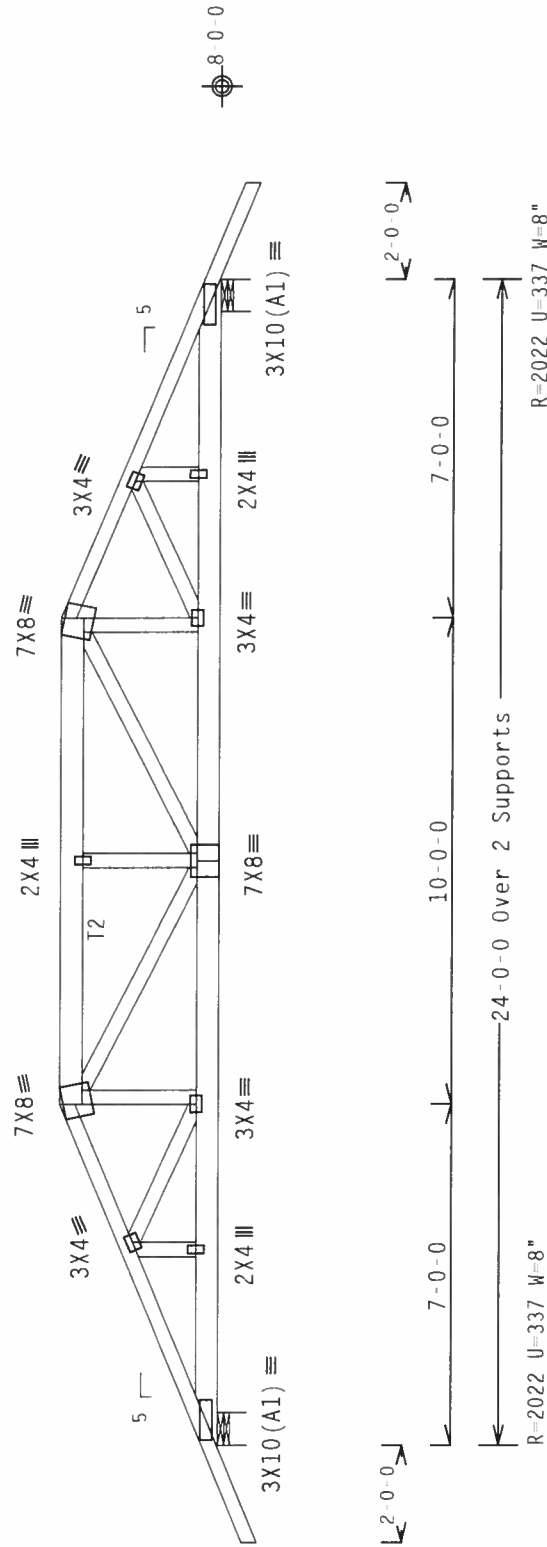
Deflection meets L/240 live and L/180 total load.

120 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(v/-)=0.18

Wind reactions based on MUFRS pressures.

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

The overall height of this truss excluding overhang is 3-3-1.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. wave

$$Cq/RT=1.00(1.25)/10(0)$$
424 *Journal of Management Inquiry*

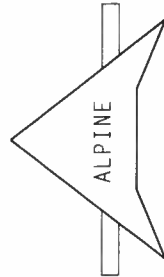
QTY:2 FL/-/5/-/E/R/-

Scale = .25"/Ft.

WARNING: THESES' PROTECTIVE EXTERIOR CASE IN LABORATORY HANDLING, SHIPPING, INSTALLING AND BRACING, PRIOR TO REEL BUILDING COMPENSATE SAFETY INFORMATION, PUBLISHED BY THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS, 312 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22304, AND THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS, 1801 L STREET, N.W., WASHINGTON, D.C. 20036, 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 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 THE SPECIFICATIONS WILL BE AT THE RISK OF THE USER. ITW BCG, INC., SHALL NOT BE RESPONSIBLE FOR ERECTION, BRACING, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

THIS BCG
1TH BCG
DESIGN COMPLIES WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY ACP/PA) AND TPI.
DESIGN COMPLIES WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY ACP/PA) AND TPI.
CONNECTION PLATES ARE MADE OF 20/10/18GAL (0.475/0.55/1.8) A563 GRADE 40/60 (N. K/1.5) GALV. STEEL. APPLY
PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE NOTED ON THIS DESIGN, POSITION PER DRAWINGS T60A 2.
IF ANY INJECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMBEX A3 OF TPI 2002 SEC. 2.
DRAWING INDICATES 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 AMBEX 1/1 SEC. 2.



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

TC LL	20.0	PSF	REF	R215 --	61056
TC DL	10.0	PSF	DATE	08/24/07	
BC DL	10.0	PSF	DRW	HCUSR215	07236011
BC LL	0.0	PSF	HC-ENG	SSB/AP	
TOT.LD.	40.0	PSF	SEQN-	196200	
DUR.FAC.	1.25		FROM	CDM	
SPACING	SEE ABOVE		JREF-	1TA6215	Z05

Top chord 2x4 SP #2 Dense :T2 2x4 SP #2 N:
Bot chord 2x6 SP #2 N
Webs 2x4 SP #2 N

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

BC attic room floor loading: LL = 30.00 psf; DL = 5.00 psf; from 8'-0" to 16'-0".

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

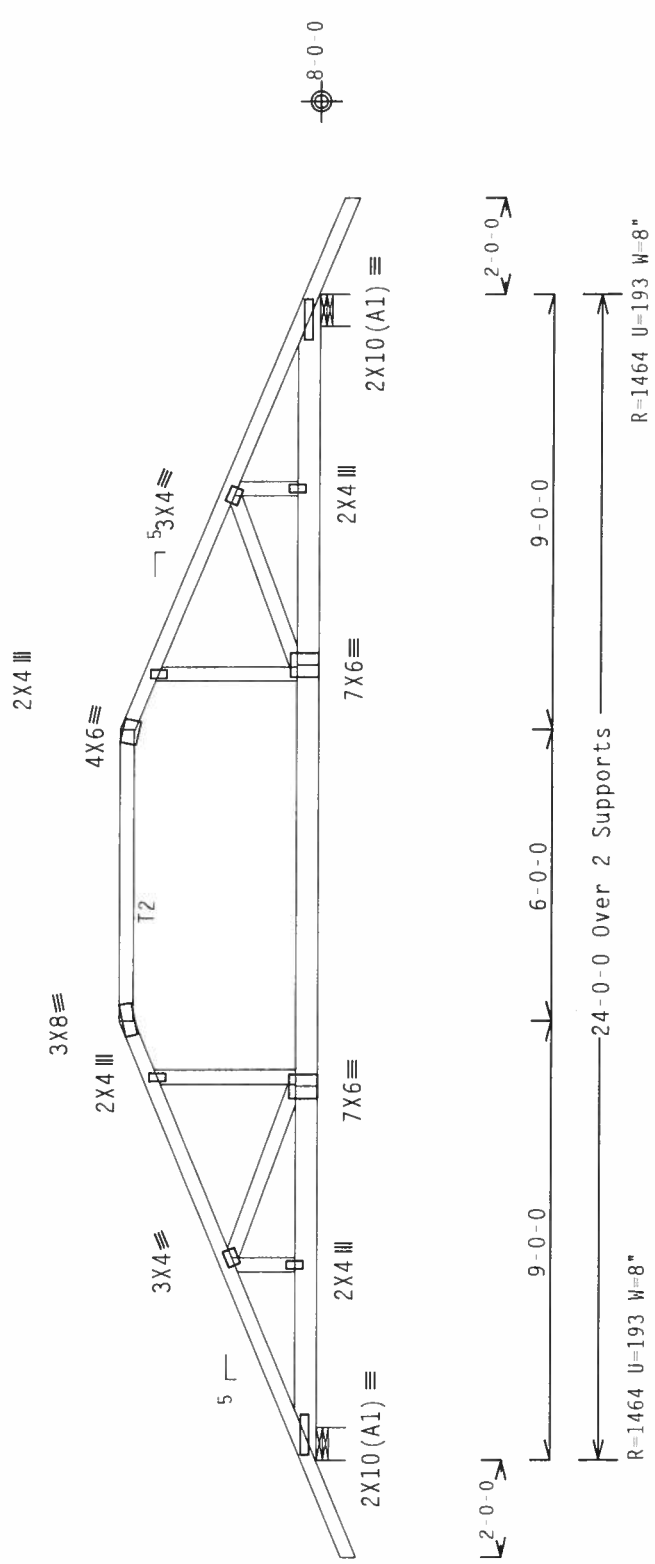
The overall height of this truss excluding overhang is 4'-1".

120 mph wind, 15.00 ft mean htg, 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. $I_w=1.00$ $G_{CPI}(+/-)=0.18$

Wind reactions based on MWFRS pressures.

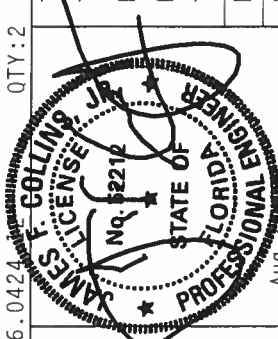
Collar-tie braced with continuous lateral bracing at 24" OC. or rigid ceiling.

Truss designed for sleeping room only. No waterbeds permitted. Provide information to contractor, architect, and bldg owner. Trusses to be visibly stamped to indicate 30.00 psf MAX LL.



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

PLT TYP. Wave	QTY:2	FL / - / 5 / - / E / R / -	Scale = .25" / Ft.
REF R215 - - 61057	TC LL	20.0 PSF	
DATE 08/24/07	TC DL	10.0 PSF	
DRW HCUSR215 07236012	BC DL	10.0 PSF	
HC-ENG SSB/AP	BC LL	0.0 PSF	
SEQN- 196197	TOT.LD.	40.0 PSF	
FROM CDM	DUR.FAC.	1.25	
JREF- 1TA6215-205	SPACING	24.0"	



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 710 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304, AND NCA (NORTH CAROLINA TRUSS COUNCIL OF AMERICA), 6300 ENTERPRISE LANE, 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 A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. TPI BCS, 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. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF IBCS (NATIONAL DESIGN SPEC. BY AIA/ASA) AND TPI. TPI BCS CONNECTION PLAYS ARE MAIL OF 20/10/10GA (20.0/10.0/10.0) ASH 6053 GRADE 40/60 (4. K/2H-55) GALV. STEEL. APPLY PROTECTIVE COATING TO ALL EXPOSED SURFACES. UNLESS OTHERWISE INDICATED, POSITION PER DRAWINGS 100A-Z. ANY INSPECTION OF PLAYS FOLLOWED BY TPI SHALL BE CONSIDERED AS THE FINAL AUTHORITY FOR THE TRUSS. CONFORMS TO DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

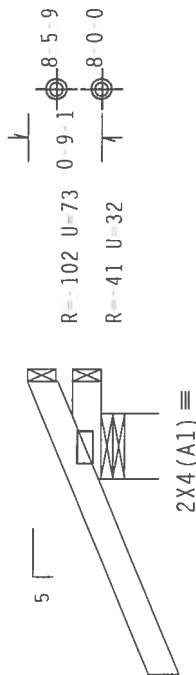
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

Top chord	2x4	SP	#2 N
Bot chord	2x4	SP	#2 N

1120 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

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

Wind reactions based on MWFRS pressures.



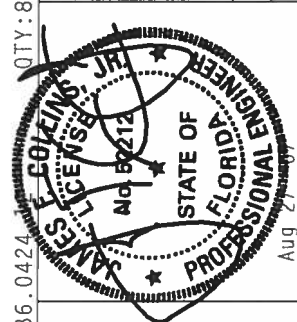
$\overleftrightarrow{\hspace{1.5cm}}$ 2-0-0 $\overleftrightarrow{\hspace{1.5cm}}$
 1 0 0 Over 3 Supports
 $R=357 \quad U=120 \quad W=8"$

Design Crit: TPI-2002(STD)/FBC

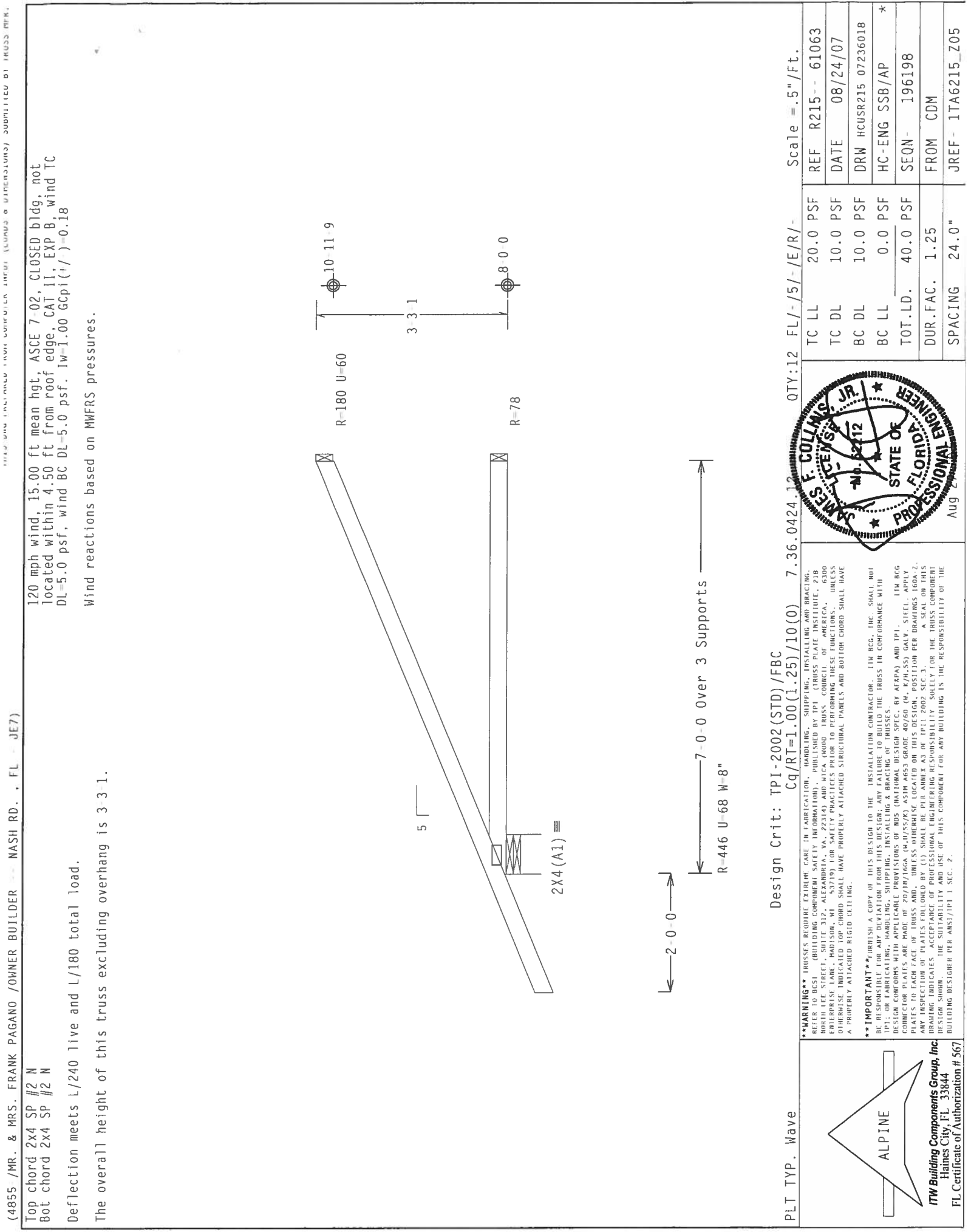
WARNING BRUSSELS MULTIPLE EXTERIOR CORD IN FABRICATION HANDLING SHIPPIING, INSTALLING, AND BRACING BEING TO BECS (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY UPI (UNION PLASTER INSTITUTE), 200 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND AFCA (AMERICAN FIBER CEMENT ASSOCIATION), 1000 MIDWAY DRIVE, SUITE 100, WILMINGTON, DE 19801. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, SEE OTHERS. INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

ALPINE

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



FL/ - /5/ - E/R/ -	Scale = .5"/Ft.
TC LL 20.0 PSF	REF R215 - - 61060
TC DL 10.0 PSF	DATE 08/24/07
BC DL 10.0 PSF	DRW HCU2R215 07236015
BC LL 0.0 PSF	HC - ENG SSB/AP
TOT.LD. 40.0 PSF	SEQN- 196192
DUR.FAC. 1.25	FROM CDM
SPACING 24.0"	JREF- 1TA6215 Z05



(4855 /MR. & MRS. FRANK PAGANO /OWNER BUILDER - NASH RD. , FL - JE7)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Deflection meets L/240 live and L/180 total load.
The overall height of this truss excluding overhang is 3-3 1.

120 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 Gcpl(1/)=0.18
Wind reactions based on MMFRS pressures.

Wind reactions based on MMFRS pressures.

Wind reactions based on MMFRS pressures.

Wind reactions based on MMFRS pressures.

Wind reactions based on MMFRS pressures.

Wind reactions based on MMFRS pressures.

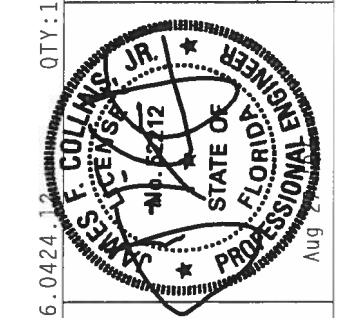
Wind reactions based on MMFRS pressures.

Wind reactions based on MMFRS pressures.

Wind reactions based on MMFRS pressures.

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.0424.12 QTY:12 FL/-5/-E/R/- Scale =.5"/Ft.

TC LL	20.0 PSF	REF	R215 -	61063
TC DL	10.0 PSF	DATE	08/24/07	
BC DL	10.0 PSF	DRW	HCUSR215	07236018
BC LL	0.0 PSF	HC-ENG	SSB/AP	*
TOT.LD.	40.0 PSF	SEQN	196198	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF	1TA6215_Z05	



PLT TYP. Wave

WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENTS 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 PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CUTTING.

****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 NDS (NATIONAL DESIGN SPEC., BY AIA/PFA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/10/10GA (40/10/5/2) ASTM A653 GRADE 40/60 (40, 42H-SS) GALV. STEEL. APPLY ANY INSPECTION OF PLATES, CHORDS AND BRACING INDICATES 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 ANSI/TPI 1 SEC. 2.

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

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

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

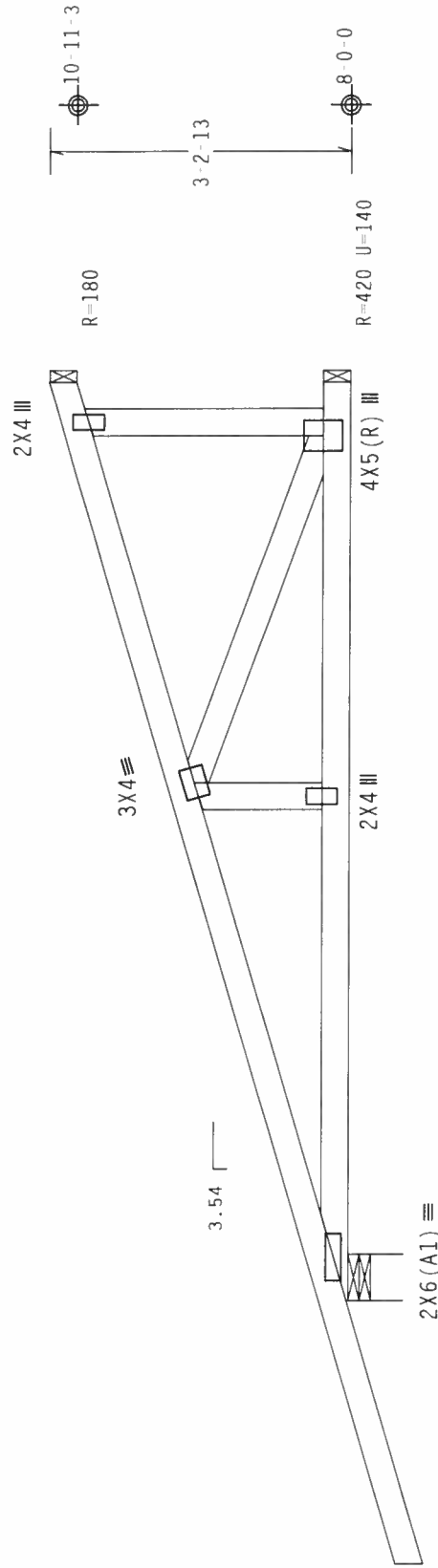
Hipjack supports 7-0-0 setback jacks with no webs.

Wind reactions based on MWFRS pressures.

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

The overall height of this truss excluding overhang is 3-2-13.

Top chord overhangs have been checked only for loads as indicates. Overhangs not checked for man loads or long term deflection.


$$\begin{array}{c} \xrightarrow{2} \xrightarrow{9} \xrightarrow{15} \end{array}$$

9-10-13 Over 3 Supports

R-535 U-113 W-6"

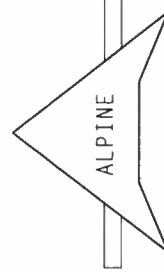
Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

 $C\alpha/BI=1.00(1.25)/10(0)$

0TY·4 EI /- /5 /- /E /R /-

Scale = .5"/Ft.



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****WARNING**** BRUSSES BLOODEY EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RESISTING COMPONENT SAFETY INFORMATION, PUBLISHED BY ITI (BRUSS PLATE INSTITUTE, 2100 UNIVERSITY LANE, HOUSTON, TX 77057) AND AIAA (GOOD PRACTICES COMMITTEE OF AMERICA, 6300 UNIVERSITY LANE, HOUSTON, TX 77057) FOR SAFETY INFORMATION. BRUSSES ARE NOT TO BE USED IN THE UPPER HALF OF THE CHORD. THE LOWER HALF OF THE CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CLIPS.

[illegible]

Aug 27 07

TC LL	20.0	PSF	REF	R215--	61064
TC DL	10.0	PSF	DATE	08/24/07	
BC DL	10.0	PSF	DRW	HCUSR215	07236019
BC LL	0.0	PSF	HC-ENG	SSB/AP	
TOT.LD.	40.0	PSF	SEQN-	196199	
DUR.FAC.	1.25		FROM	CDM	
SPACING	SEE ABOVE		JREF-	1TA6215	Z05