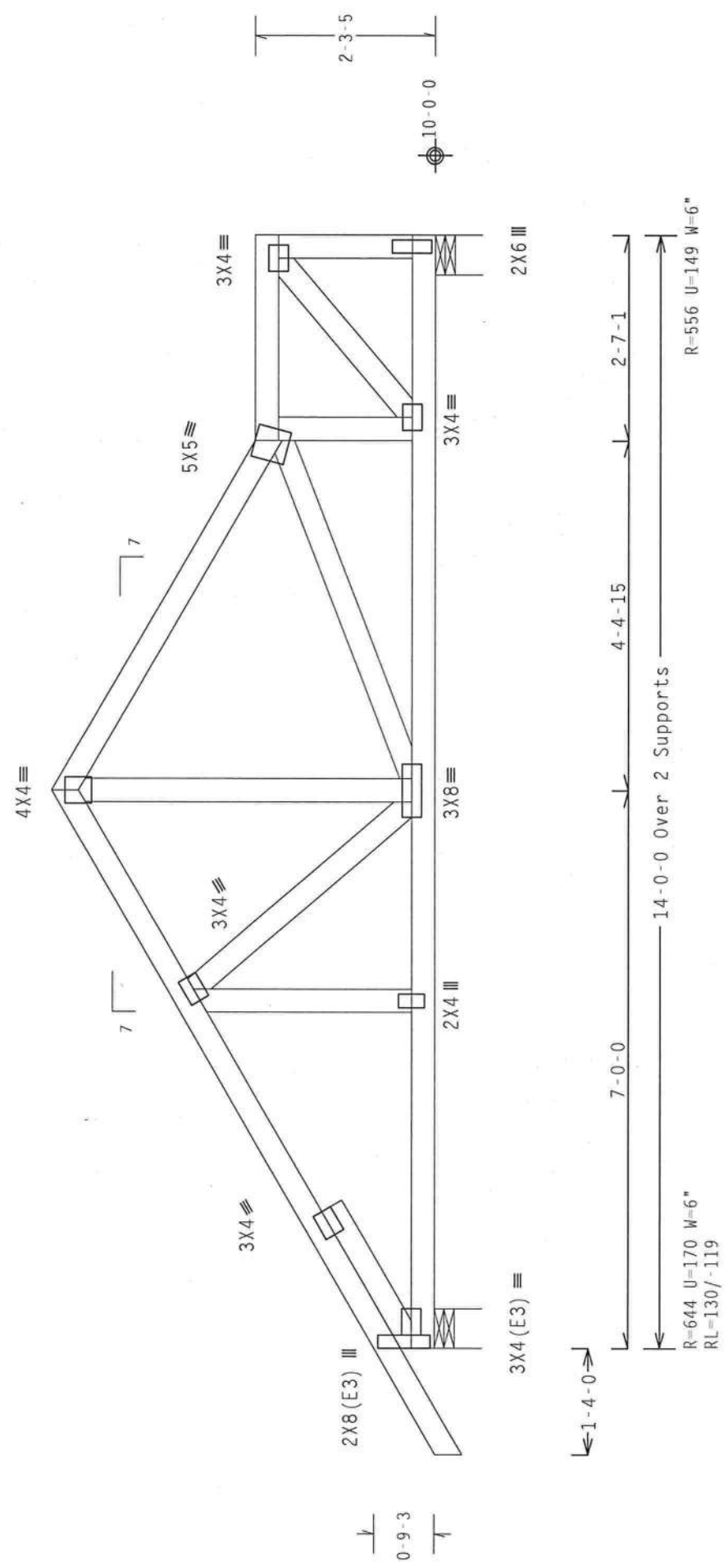


(6282 - /ROSSIN /EDGELY CONSTRUCTION -- , ** - A25)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
:Lt Slider 2x4 SP #2 N: BLOCK LENGTH = 2.053'
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.
Bottom chord checked for 10.00 psf non-concurrent live load.
The overall height of this truss excluding overhang is 4-10-3.

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. $I_w=1.00$ $G_{CPI}(+/-)=0.18$
Wind reactions based on MWFRS pressures.
Right end vertical not exposed to wind pressure.
Deflection meets L/240 live and L/180 total load.



Design Crit: FBC07VHVHRes/TPI-2002 (STD)

FT/RT=20%(0%)/0(0) 9.01.00

Scale = .5" / Ft.

	PLT TYP. Wave	TC LL	20.0 PSF	FL / - / 5 / - / - / R / -	REF R215 - - 22144
		TC DL	10.0 PSF		DATE 07/15/09
		BC DL	10.0 PSF		DRW HCUSR215 09196120
		BC LL	0.0 PSF		HC-ENG JB/AP *
		TOT.LD.	40.0 PSF		SEQN - 212384
		DUR.FAC.	1.25		FROM LRB
		SPACING	24.0"		JREF - 1TTD215_Z04

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSP (BUILDING COMPONENT SAFETY) INFORMATION PUBLISHED BY THE TRUSS COUNCIL OF AMERICA, 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304 AND WEA (WOOD ENGINEERING ASSOCIATES), 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. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI1; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AIA/AS) AND TPI1. THE BCG CONNECTOR PLATES ARE MADE OF 20/18/10GA (MIL/SS/AS) ASTM A653 GRADE 40/60 (MIL/SS/AS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS T604-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AIA/AS OF TPI1-2002 SEC.3. A SEAL ON THIS DESIGN SHOWN. THE DESIGNER'S RESPONSIBILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

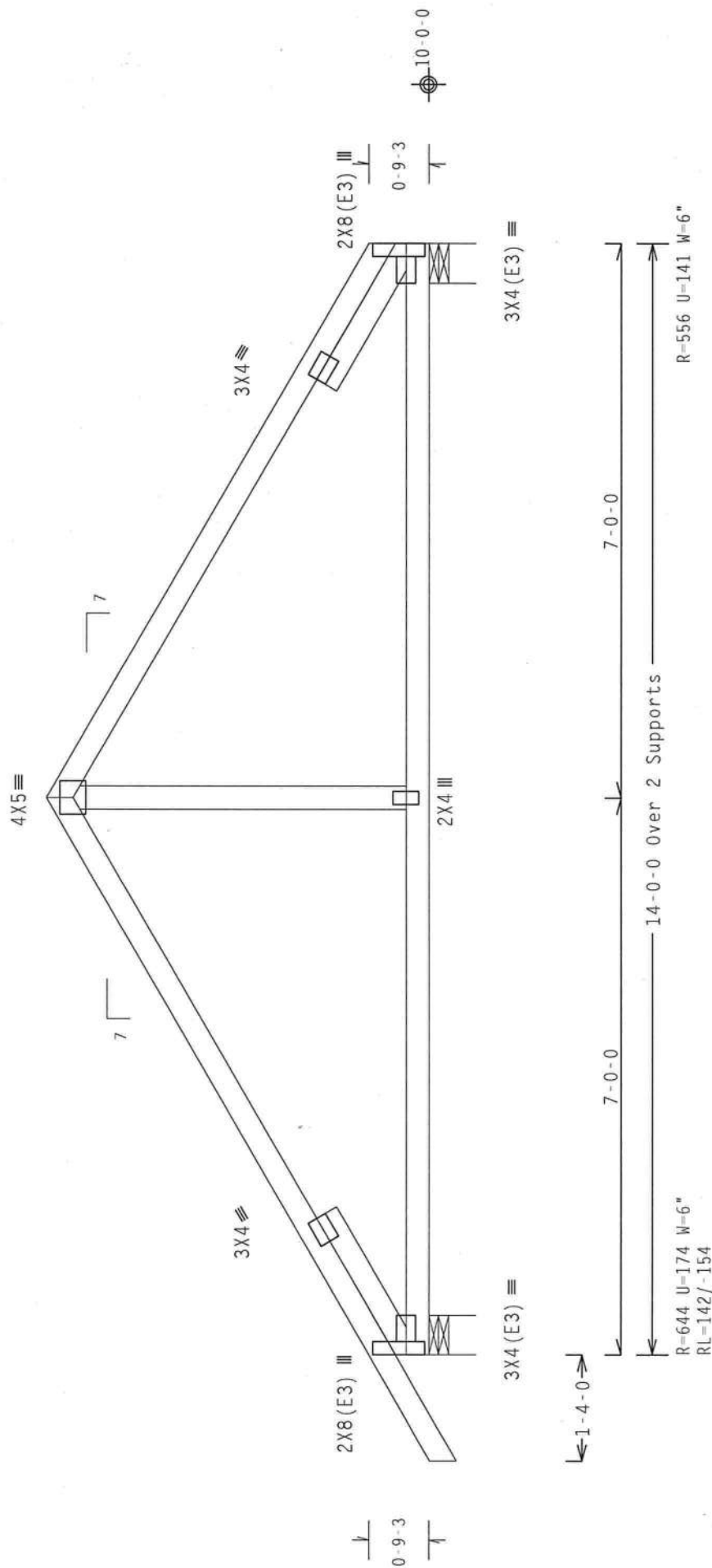
110 mph wind, 15.00 ft mean hgt., ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

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

The overall height of this truss excluding overhang is 4-10-3.



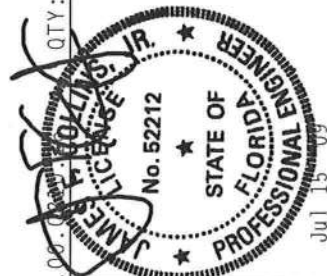
Design Crit: FBC07HVHZRes/TPI-2002(STD)

~~08-02-2009~~

Scale = .5"/Ft.

PLT TYP. Wave

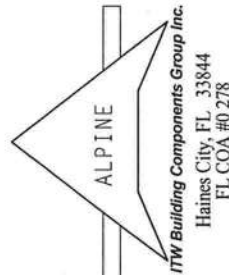
TC LL	20.0	PSF	REF R215 - - 22145
TC DL	10.0	PSF	DATE 07/15/09
BC DL	10.0	PSF	DRW HCUR215 09196119
BC LL	0.0	PSF	HC-ENG JB/AP *
TOT.LD.	40.0	PSF	SEQN - 212385
DUR.FAC.	1.25		FROM LRB
SPACING	24.0"		JREF- 1TTD215_Z04



****WARNING**** THUSS'S REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING REFER TO BEST AVAILABLE COMPONENT SAFETY INFORMATION, PUBLISHED BY THE CRUISE PLANT INSTITUTE, 710 UNIVERSITY AVE., SUITE 600, SEASIDE, CA 94133-8001, TEL: 415/441-1100, FAX: 415/441-1101, WWW.CPIWEB.COM, E-MAIL: INFO@CPIWEB.COM, FOR THE LATEST CRUISE PLANT COMPANY SAFETY GUIDANCE.

ENTERPRISE LABEL: 460150W, #1, 532719, 1,000 SAFETY PRAGMATICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CELLING.

*****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 TROSS IN CONFORMANCE WITH TPI-1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & DRAGGING OF TROSSES. ITW BCG CONNECTOR PLATES ARE MADE OF 2010/T1060 OR 4045/AL52 (ASTM A563 GRADE 40460, OR 4045/52 GALV. STEEL, APPLY PLATES TO EACH FACE OF TROSS) AND, UNLESS OTHERWISE NOTED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMBEX 43 OF 1911-2002 SEC.2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TROSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMBEX/TPI 1 SEC. 2.



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

```

::Lt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.501'
::Rt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.501'

```

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

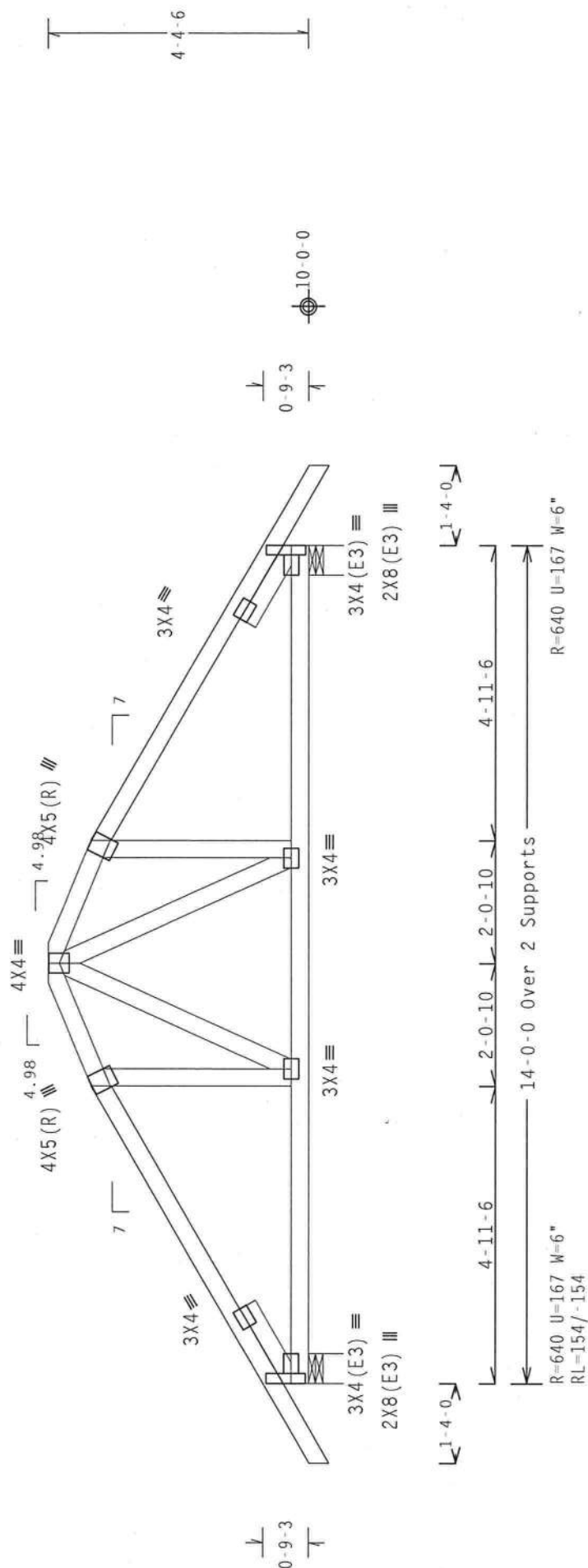
The overall height of this truss excluding overhang is 4-4-6.

11110 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 MWFRS pressures.

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

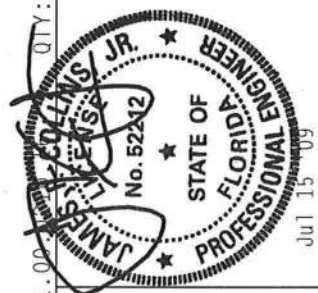
MWFRS Loads based on trusses located at least 7.50 ft. from roof edge.

Design Crit: FBC07HVHZRes/TPI-2002 (STD)
FT/RT=20%(0%) / 0(0) 9

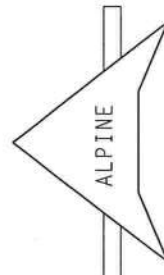
PLT TYP. Wave

QTY: 2 FL / - / 5 / - / - / R / - Scale = .375" / Ft.

TC LL	20.0 PSF	REF	R215 - -	22146
TC DL	10.0 PSF	DATE	07/15/09	
BC DL	10.0 PSF	DRW	HCUSR215	09196049
BC LL	0.0 PSF	HC-ENG	WHK/WHK	*
TOT.LD.	40.0 PSF	SEQN -	211575	
DUR.FAC.	1.25	FROM	LRB	
SPACING	24.0"	JREF-	1TTD215	Z04



1017 15 09



ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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

Bot chord 2x6 SP #2 N

Webs 2x4 SP #2 N

: Lt Wedge 2x4 SP #2 N:: Rt Wedge 2x4 SP #2 N:

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. Iw=1.00 GCpi(+/-)=0.18

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

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

The overall height of this truss excluding overhang is 3-2-6.

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)

TC - From 60 PLF at -1.33 to 60 PLF at 4.00
(Lumber borings: 1.25 / Plate borings: 1.25)

TC - From	30 PLF at	4.00 to	30 PLF at	10.00
TC - From	30 PLF at	4.00 to	30 PLF at	10.00

TC - From	60 PLF at 10.00 to	60 PLF at 15.33
TC - From	60 PLF at 10.00 to	60 PLF at 15.33

BC - From	20 PLF at 0.00 to	20 PLF at 4.00
BC - From	20 PLF at 0.00 to	20 PLF at 4.00

BC - From	77 PLF at	77 PLF at 10.00
BC - From	77 PLF at	77 PLF at 10.00

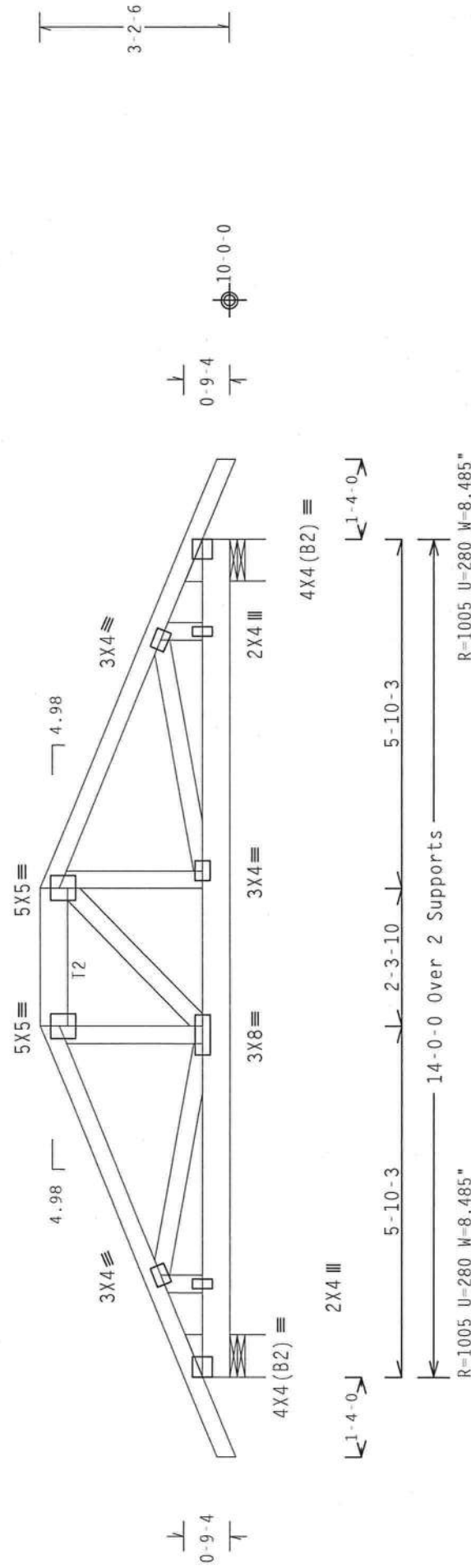
BC - From	20 PLF at 10.00 to	20 PLF at 14.00
BC - From	20 PLF at 10.00 to	20 PLF at 14.00

BC -	172 LB Conc.	Load at	1.55,	12.45
BC -	172 LB Conc.	Load at	1.55,	12.45

BC	112 LB Conc.	Load at	1.00, 4.00, 10.00
BC	112 LB Conc.	Load at	1.00, 4.00, 10.00

[illegible]

Wind reactions based on MWFRS pressures.

Design Crit: FBC07HVHZRes/TPI-2002(STD)
 $FT/RT=20\%(0\%)/0(0)$

PLT TYP. Wave

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

Scale = .375"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RESPECTIVE FABRICATOR'S BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE CROSS PLATE INSTITUTE, 218 WESTERLY LANE, MOORESVILLE, NC 28130, FOR THE PROPER BRACING OF TRUSSES. THE FOLLOWING ARE THE MINIMUM REQUIREMENTS 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 BRIDG, ETC.

DEC 02 1977

DATE 07/15/00

00111 00000000 00100000

THE UNIVERSITY OF CHICAGO

NO	END	WEEK/WORK
0000	011	000

200117 - MD3C

FROM LRB



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

Top chord 2x6 SP #2 N : T2 2x4 SP #2 N :
T3 2x4 SP #2 Dense :
Bot chord 2x6 SP SS
Webs 2x4 SP #2 N
: Rt Slider 2x4 SP #2 N : BLOCK LENGTH = 1.500'

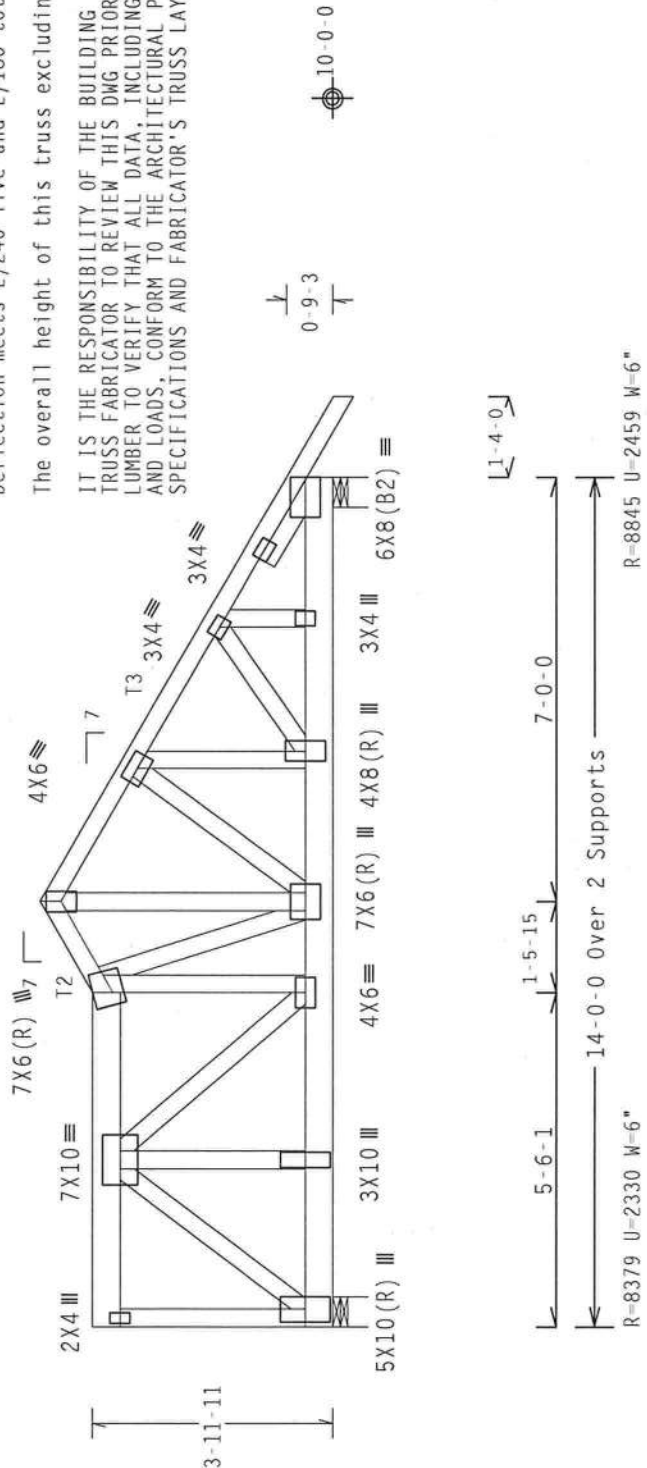
SPECIAL LOADS

- (LUMBER DUR-FAC=1.25 / PLATE DUR-FAC=1.25)
- TC - From 60 PLF at 0.00 to 60 PLF at 5.50
- TC - From 60 PLF at 5.50 to 60 PLF at 7.00
- TC - From 60 PLF at 7.00 to 60 PLF at 15.33
- BC - From 20 PLF at 0.00 to 20 PLF at 14.00
- BC - 2573 LB Conc. Load at 1.06
- BC - 2253 LB Conc. Load at 3.06
- BC - 2293 LB Conc. Load at 5.06
- BC - 1785 LB Conc. Load at 7.06
- BC - 2353 LB Conc. Load at 9.06, 13.06
- BC - 2413 LB Conc. Load at 11.06

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 2 Rows @ 3.00" o.c. (Each Row)
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.
4" o.c. spacing of nails perpendicular and parallel to grain required in area over bearings greater than 4"
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. Iw=1.00 Gcpi(+/-)=0.18
Wind reactions based on MWFRS pressures.
Left end vertical not exposed to wind pressure.
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.
Deflection meets L/240 live and L/180 total load.
The overall height of this truss excluding overhang is 4-10-3.

IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER AND TRUSS FABRICATOR TO REVIEW THIS DWG PRIOR TO CUTTING LUMBER TO VERIFY THAT ALL DATA, INCLUDING DIMENSIONS AND LOADS, CONFORM TO THE ARCHITECTURAL PLANS/ SPECIFICATIONS AND FABRICATOR'S TRUSS LAYOUT.



PLT TYP. Wave
Design Crit: FBC07HVHZRes/TPI-2002 (STD)
FT/RT=20%(0%) / 0(0) 9.02.00 QTY: 1 FL/- / 5/- / - / R/- Scale = .3125" / Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DESIGN (BUILDING COMPONENTS) SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 218 ENTERPRISE LANE, MADISON, AL 37193, 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. ITM BEG, 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 NDS (NATIONAL DESIGN SPEC, BY AIA/PA) AND TPI. ITM BEG CONTRACTOR PLATES ARE MADE OF 20/18/16GA (N/A/SS/K) ASTM A653 GRADE 40/60 (N/A, K/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 TPI3-2002 SEC.3. A SEAL ON THIS 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 ANSI/TPI 1 SEC. 2.

ALPINE

ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

JAMES H. COLLINGS JR.
No. 53212
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Jul 15 '09

TC LL	20.0 PSF	REF	R215--	22148
TC DL	10.0 PSF	DATE	07/15/09	
BC DL	10.0 PSF	DRW	HCUSR215	09196115
BC LL	0.0 PSF	HC-ENG	JB/AP	
TOT.LD.	40.0 PSF	SEQN-	214772	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1TTD215_Z04	

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, wind BW=1.00 GCpi (+/-)=0.18

Wind reactions based on MWFRS pressures.

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

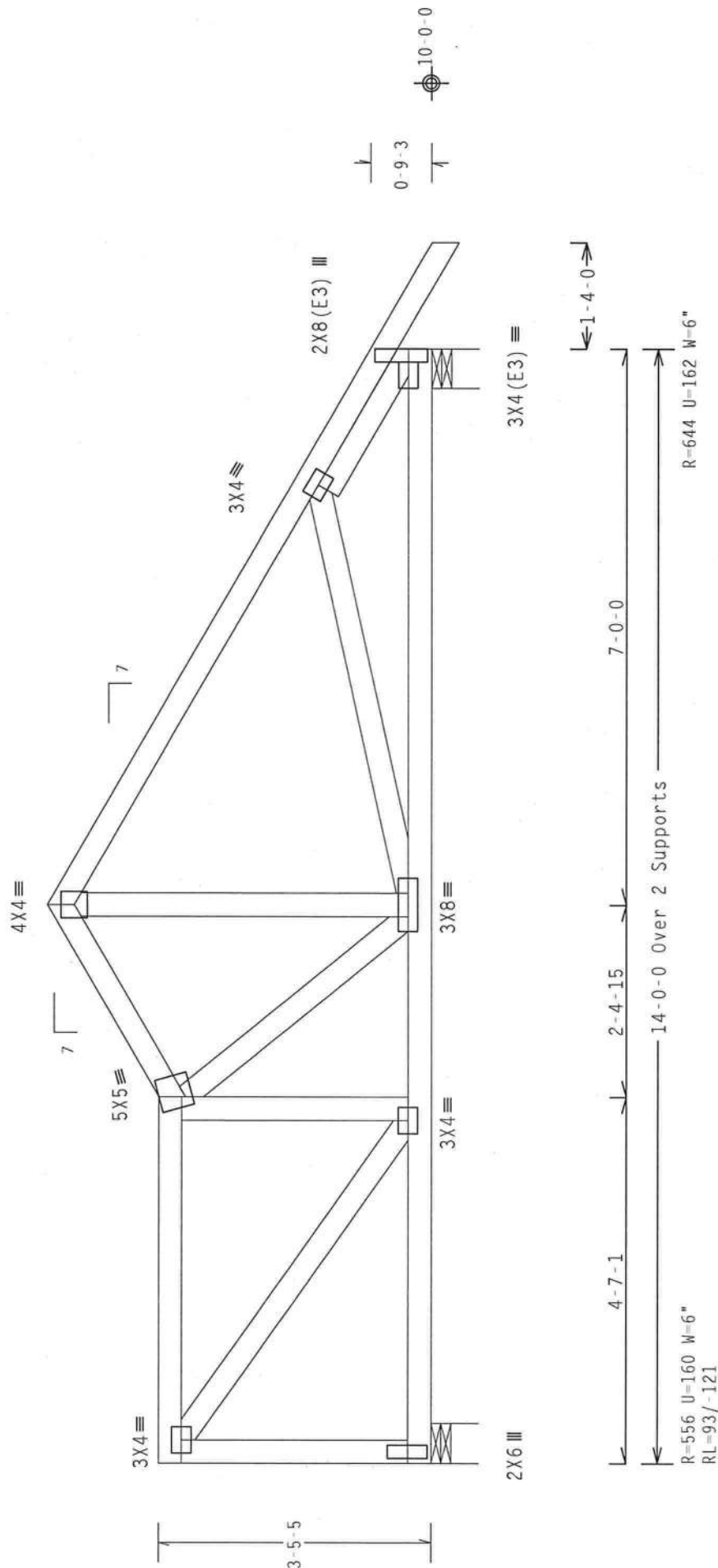
The overall height of this truss excluding overhang is 4-10-3.

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
:Rt Slider 2x4 SP #2 N: BLOCK LENGTH = 2.058'

Left end vertical not exposed to wind pressure.

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

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



Design Crit: FBC07HVHZRes/TPI-2002(STD)
FT/RT=20%(0%)/0(0)

Scale = .5"/Ft.

FL/-/5/-/-/R/-

QTY:1

K

00.00

9.01

2123

$$0(0)$$

(0%)

 $\epsilon = 20\%$

FT/R

2.

5

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Wav

TYP.

17d

WARNING THUSSES REQUIRE EXTREME CARE IN ERECTION, HANDLING, STUPELTING, DETACHING AND REACHING. REFLECT TO THESE BUILDING COMPONENTS SAFETY. THIS COMPANY HAS BEEN ADVISED BY THE NATIONAL ASSOCIATION OF BUILDING OFFICIALS, INC. THAT THE FOLLOWING INFORMATION IS AVAILABLE: 5300 NORTH LIFE STREET, SUITE 312, ALEXANDRIA, VA. 22314 AND VICE PRESIDENT, THUSS, COUNCIL OF AMERICA, 5300 ENTERPRISE LANE, WOODSIDE, N.Y. 11379. IF A THUSS IS USED 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. ITM BCG, INC., SHALL NOT BE RESPONSIBLE FOR ANY DETAILING FROM THIS DESIGN; ANY FAILURE TO BUILD THE TROUSS IN CONFORMANCE WITH THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC. 17TH EDITION. CORRELATOR PLATES ARE MADE OF 20/10/16GA. (4.75X10X16) ASTM A653 GRADE 40/60 (4. K/53.5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TROUSS AND (WHEN OTHERWISE LOCATED IN THIS DESIGN, POSITION PER DRAWINGS 100A-2. IF ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERX 43 OF 1711-2002 SEC.3. DRAWING 100A-2 INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TROUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMERX/TP1 1 SEC. 2.

ALPINE

ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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

:Rt Slider 2x4 SP #2 N: BLOCK LENGTH = 2.053'

Left end vertical not exposed to wind pressure.

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

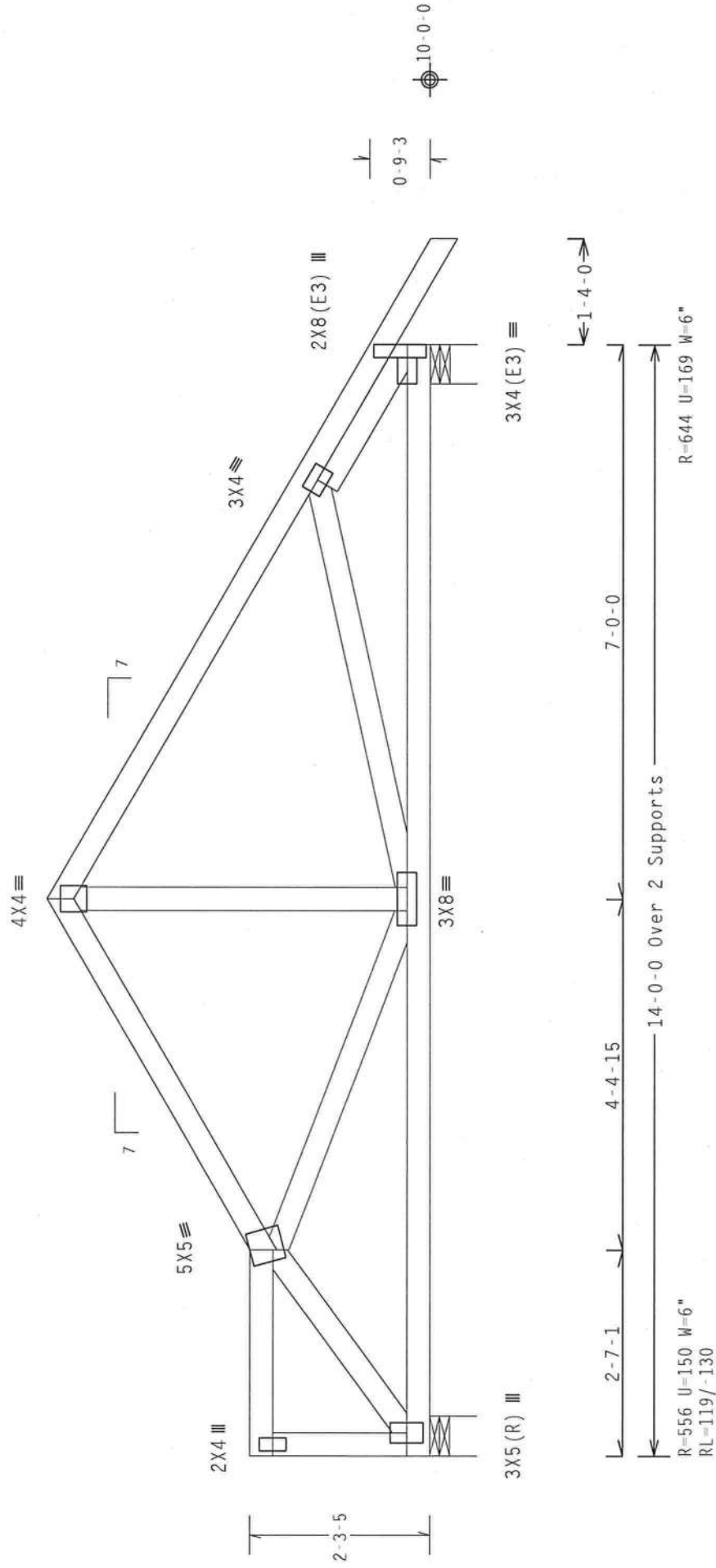
Deflection meets L/240 live and L/180 total load.

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 Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

The overall height of this truss excluding overhang is 4-10-3.

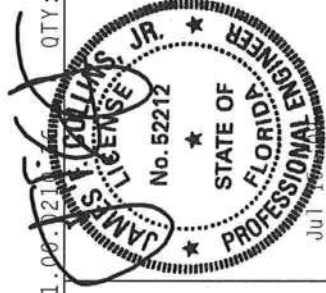
Design Crit: FBC07HVHZRes/TPI-2002 (STD)
FT/RT=20%(0%)/0(0)

PLT TYP. Wave

QTY:1 FL/-/5/-/-/R/-/

Scale = .5"/Ft.

TC LL	20.0	PSF	REF	R215--	22150
TC DL	10.0	PSF	DATE	07/15/09	
BC DL	10.0	PSF	DRW	HCUSR215	09196126
BC LL	0.0	PSF	HC-ENG	JB/AP	*
TOT.LD.	40.0	PSF	SEQN-	212390	
DUR.FAC.	1.25		FROM	LRB	
SPACING	24.0"		JREF-	1TTD215_Z04	

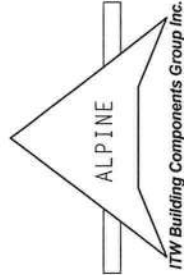
[illegible]

IMPORTANT: FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR THRU BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-0 OR FABRICATING, HANDLING, SHIPPING, INSTALLATIONS OF JOBS (NATIONALS) DESIGN SPECIFIC AND TPI-17M BCG DESIGN COMPLIANCE WITH APPLICABLE PROVISIONS OF 805 NATIONALS DESIGN SPECIFIC AND TPI-17M BCG DESIGNS COMPLYING WITH ALL REQUIREMENTS OF TPI-17M BCG DESIGN SPECIFIC AND TPI-17M BCG DESIGNS PER DRAWINGS 160A-2 THROUGH 160B-2.

PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2 THROUGH 160B-2.

ANY INSPECTION OF PLATES FOLLOWED BY C) SHALL BE PER ABEX A3 OF TPI-2002 SEC. 3.

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT ONLY. THIS DOES NOT IMPLY THAT THE ENTIRE PROJECT IS UNDER THE SUPERVISORY RESPONSIBILITY OF THE BUILDING DESIGNER PER AMPS/AJPLT/SJC. 2.



ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

Top	chord	2x4	SP	#2	N
3ot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

:Rt Slider 2x4 SP #2 N: BLOCK LENGTH = 2.053'

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

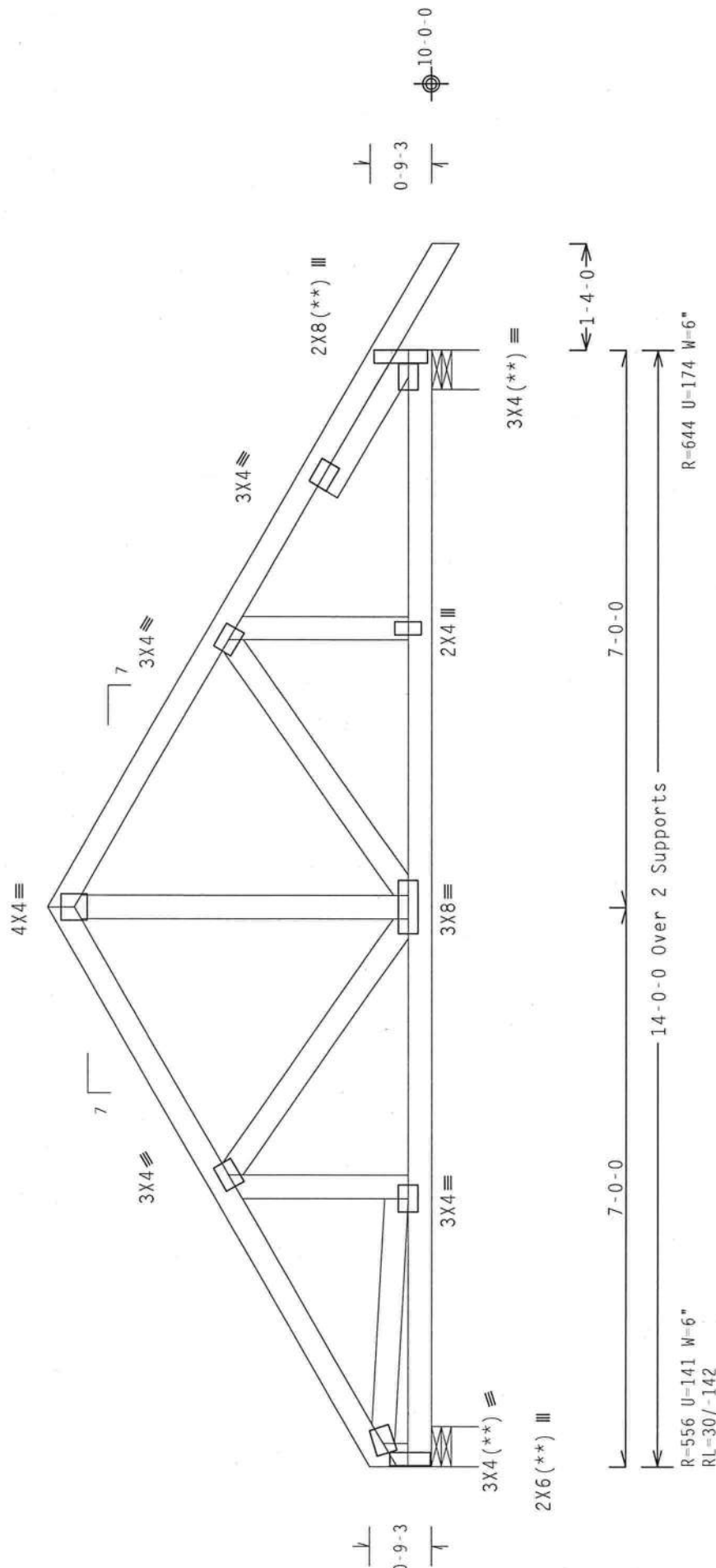
Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 4-10-3.

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

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 MWFRS pressures.

Design Crit: FBC07HVHZRes/TPI-2002 (STD)
FT/RT=20% (0%) / 0 (0) 9

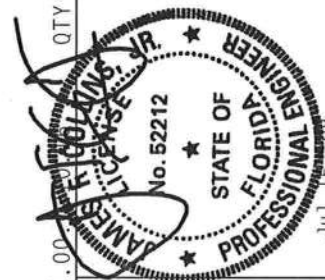
PLT TYP. Wave

00

FL/-/5/-/-/R/-/-

Scale = .5"/Ft.

TC LL	20.0 PSF	REF R215 -- 22151
TC DL	10.0 PSF	DATE 07/15/09
BC DL	10.0 PSF	DRW HCUSR215 09196125
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEQN - 212444
DUR.FAC.	1.25	FROM LRB
SPACING	24.0"	JREF- 1TTD215 Z04

[illegible]

ALPINE

ATW Building Components Group Inc.

Haines City, FL 33844

nes City, FL 338

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. $I_w=1.00$ $G C p_i(+/-)=0.18$

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

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

The overall height of this truss excluding overhang is 8-3-5.

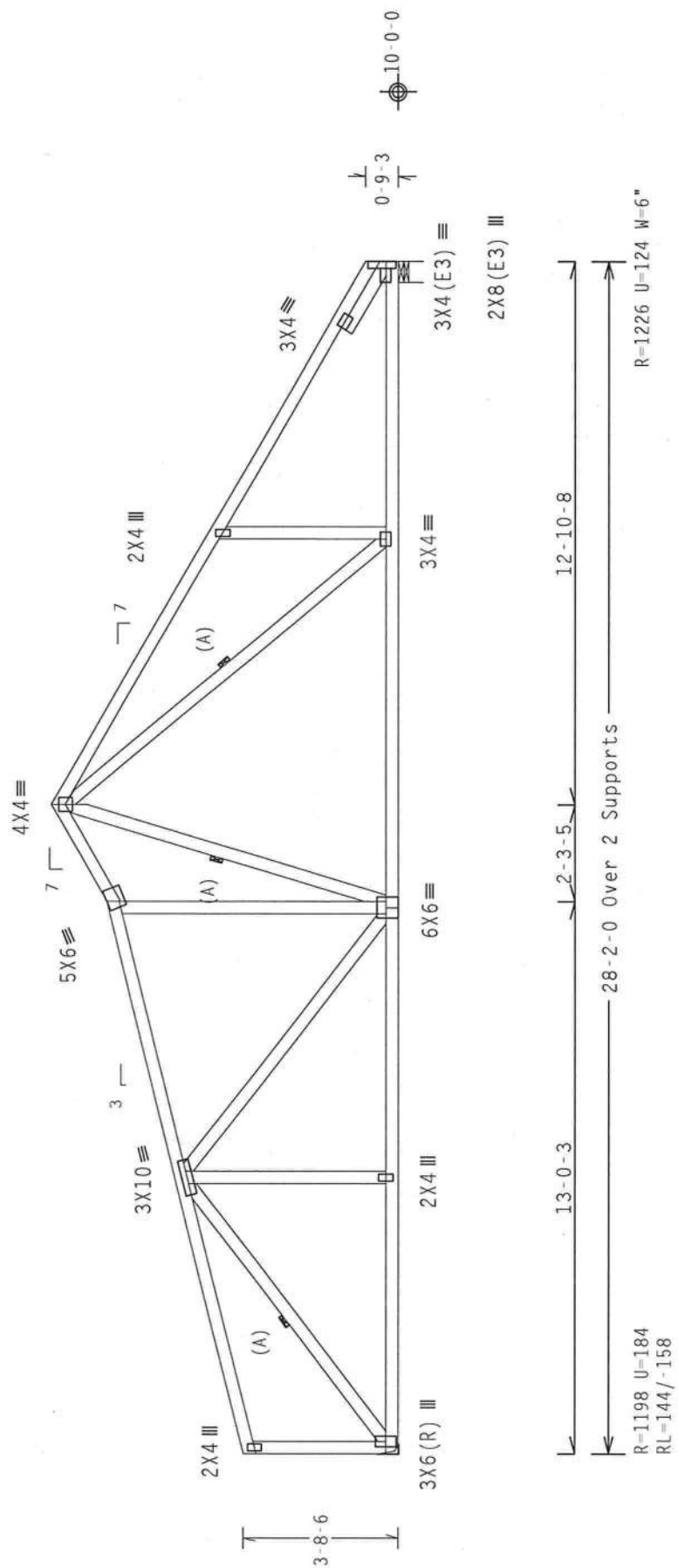
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
:Rt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.890'

Left end vertical not exposed to wind pressure.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

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

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



PLT TYP. Wave

Design Crit: FBC07HVHRes/TPI-2002(STD)
FT/RT=20%(0%)/0(0)

9.02.00 QTY: 1 FL/-/5/-/-/R/-

Scale = .25" / Ft.

TC LL	20.0 PSF	REF R215--	22152
TC DL	10.0 PSF	DATE	07/15/09
BC DL	10.0 PSF	DRW	HCUSR215 09196147
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEON-	214735
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1TTD215_Z04

WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RESI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6200 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. TTM 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.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. TTM BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (4-H/55/K) ASTM A563 GRADE 40/60 (4, 6/8, SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. DRAWING SECTION PLATES FOLLOWED BY (1) SHALL BE PER AF&PA'S TPI-2002, SEC. 3. TPI-2002, SEC. 3.1. SPECIAL OR OTHERS DRAWING SECTIONS SHALL BE INDICATED BY (2) OR (3) FOR THE TRUSS DESIGNER'S REVIEW. THE TRUSS DESIGNER'S DESIGN SHOWS THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

JAMES R. JOHNSON JR.
Professional Engineer
No. 52212
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Jul 15 '09

ALPINE

rtw Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

1110 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, wind BL=1.00 GCpi (+/-)=0.18

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

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

The overall height of this truss excluding overhang is 8-3-5.

Top	chord	2x4	SP	#2	N
30t	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

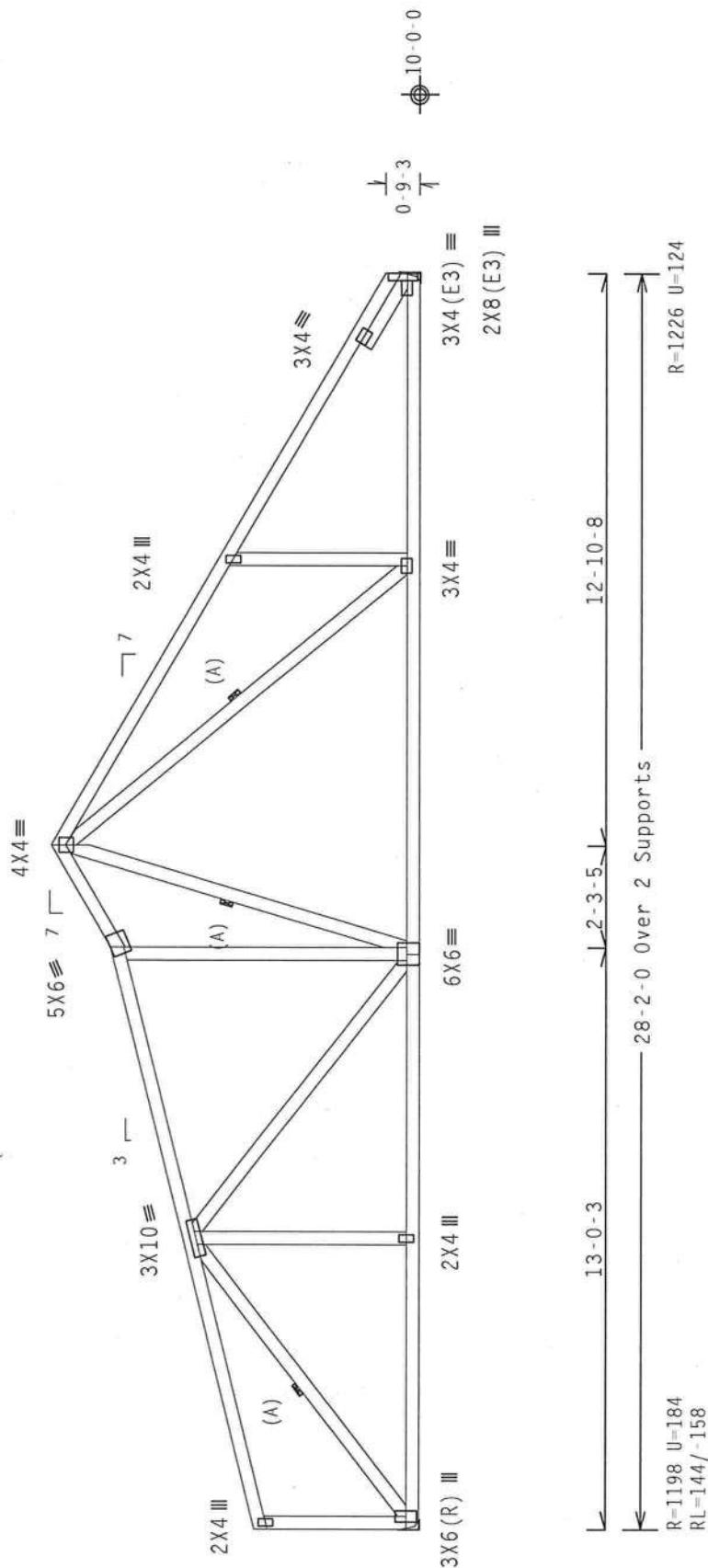
:Rt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.890'

Left end vertical not exposed to wind pressure.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

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

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

Design Crit: FBC07HVHZRes/TPI-2002(STD)
FT/RT=20%(0%)/0(0)

PLT TYP. Wave

00

QTY:1

FL / - / 5 / - / - / R / - /

Scale = .25" / Ft.

****WARNING**** THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCS1 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IPI (THUSS PULP INSTITUTE), 2100 ENTERPRISE LANE, SUITE 100, WILSONVILLE, OREGON 97150, FOR THE COMPLETE THUSSING INSTRUCTIONS. UNLESS OTHERWISE LABELED, ALL BCS1 THUSS PANELS MUST BE PERFECTLY FLAT TO PERFORM PROPERLY. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

OFF D215- 22153

DATE 07/15/09

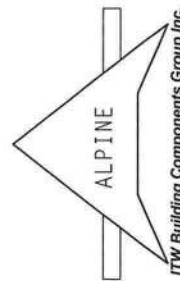
ORW HCUSR215 09196130

IC-ENG JB/AP

SEON- 214742

FROM LRB

URFF- 1TTD215 704



Haines City, FL 33844
FL COA #0 278

1110 mph wind, 15.00 ft mean ht, 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 MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

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

The overall height of this truss excluding overhang is 7-3-5.

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

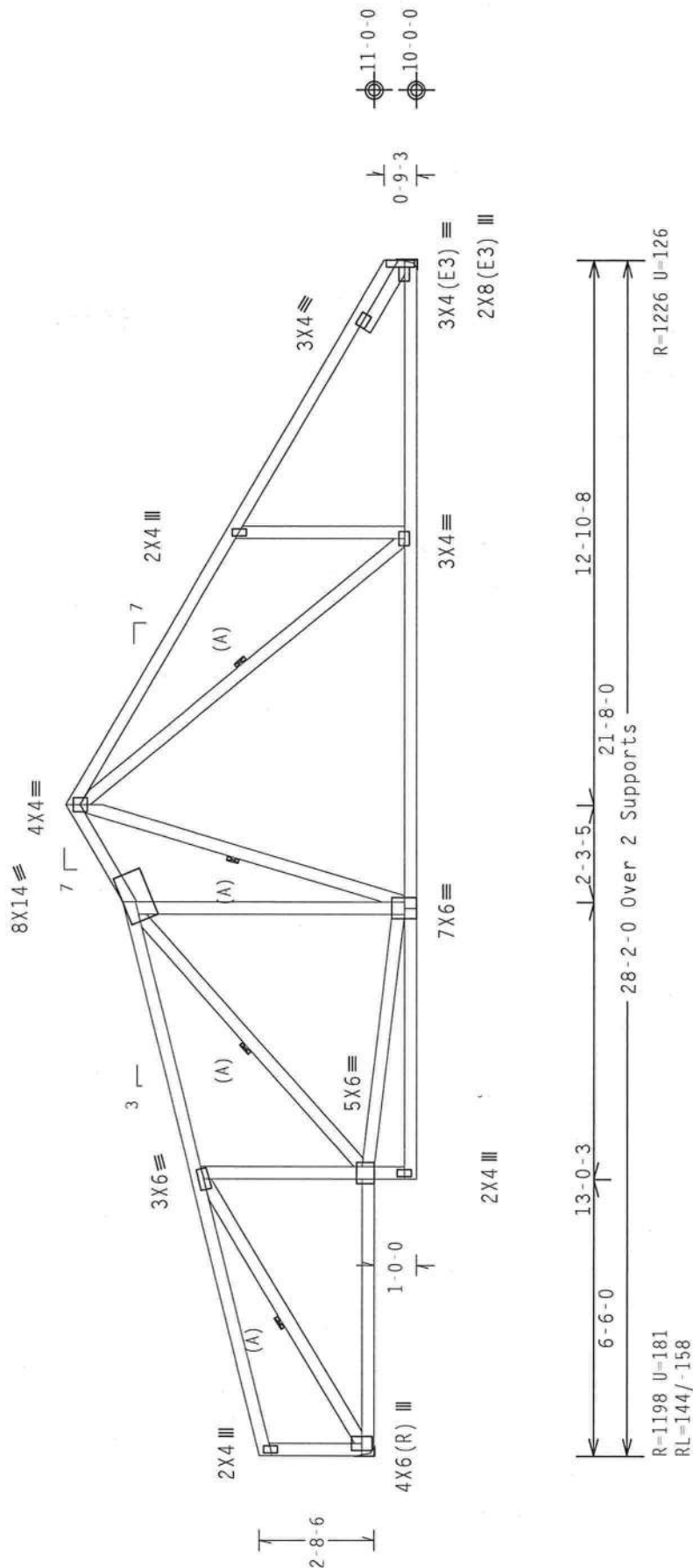
:Rt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.890'

Left end vertical not exposed to wind pressure.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

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

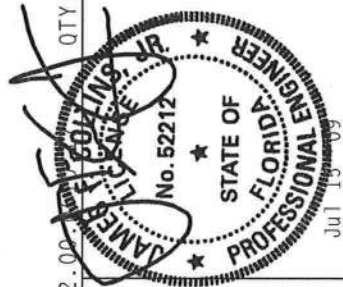
MMFRS loads based on trusses located at least 15.00 ft. from roof edge.

Design Crit: FBC07HVHZRes/TPI-2002 (STD)
FT/RT=20%(0%)/0(0)

PLT TYP. Wave

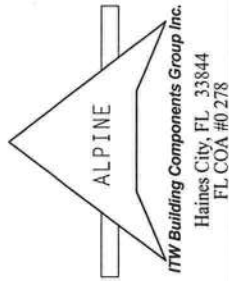
Scale = .25"/Ft.

TC LL	20.0 PSF	REF R215-- 22155
TC DL	10.0 PSF	DATE 07/15/09
BC DL	10.0 PSF	DRW HCUR215 09196153
BC LL	0.0 PSF	HC-ENG JB/AP *
TOT.LD.	40.0 PSF	SEQN- 214759
DUR.FAC.	1.25	FROM LRB
SPACING	24.0"	JREF- 1TTD215_Z04



*****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DESIGN OR MANUFACTURER'S SAFETY INFORMATION. PUBLISHED BY IPI (TRUSS PLATE INSTITUTE, 710 ENTERPRISE LANE, MOULDSBORO, MI 48150), 611.532719. 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****TURKISH A3 THE INSTALLATION CONTRACTOR-TIM BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TP1-0 OR FABRICATING, HANDLING, SHIPPING, INSTALLING OR BRACING OF TRUSSES. THE TIM BCG DESIGN COMBINES WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC., BY AISC), AND TP1-0 PLATES TO EACH FACE OF TRUSSES AND UNLESS OTHERWISE LOCATED ON THIS POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY A3 SHALL BE PER A3 OF TP1-2002 SEC-3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF THIS DESIGN. THE USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER A3 OF TP1-2002 SEC-2.



110 mph wind, 15.90 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, wind BC DL=5.0 GCpi (+/-) = -0.18

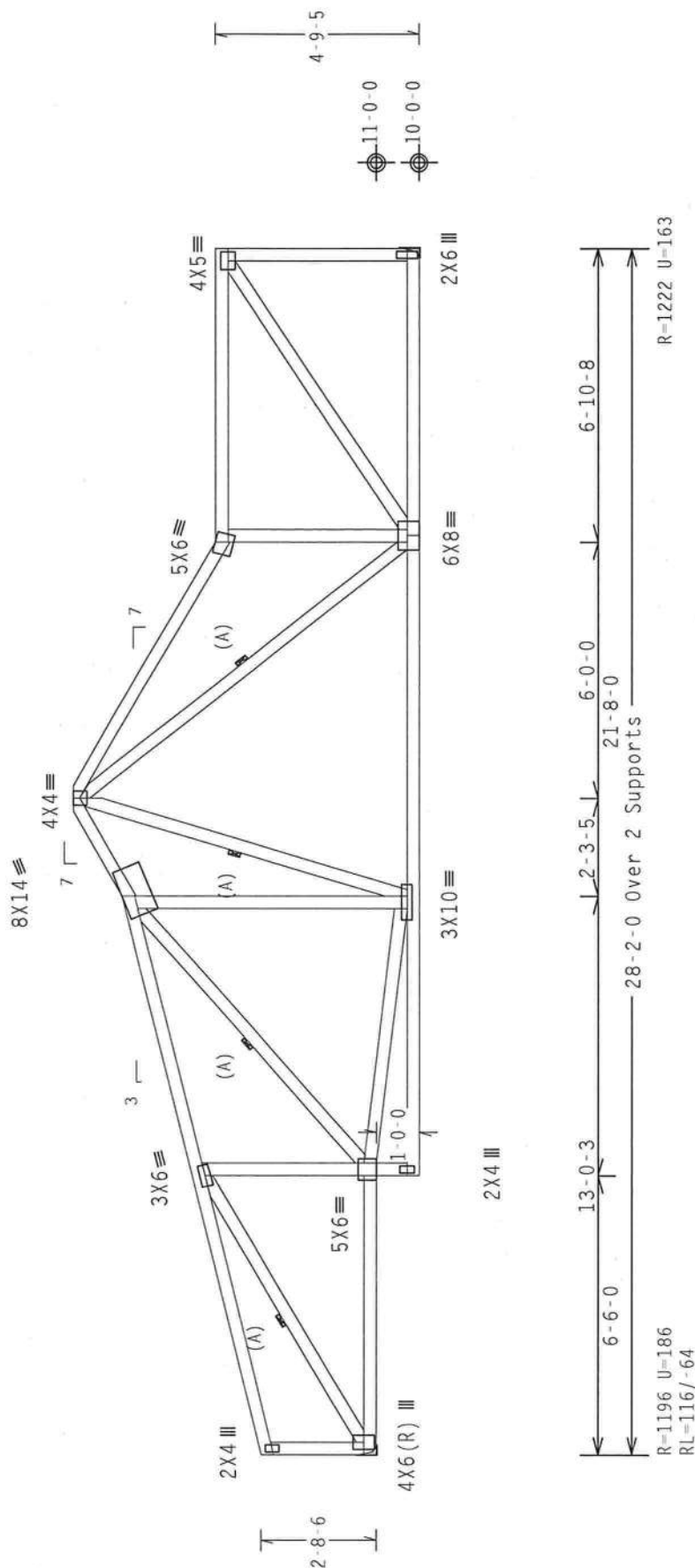
End verticals not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

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

WFRS loads based on trusses located at least 15.90 ft. from roof edge.

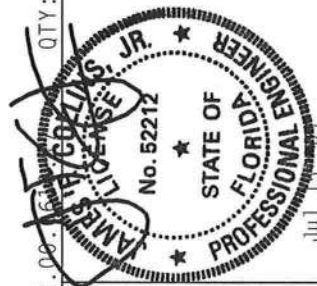
Design Crit: FBC07HVHZRes/TPI-2002(STD)
FT/RT=20%(0%)/0(0)

PLT TYP. Wave

QTY: 1 FL / - / 5 / - / - / R / -

Scale = .25"/Ft.

TC LL	20.0 PSF	REF R215--	22156
TC DL	10.0 PSF	DATE	07/15/09
BC DL	10.0 PSF	DRW	HCUSR215 09196150
BC LL	0.0 PSF	HC-ENG	JB/AP *
TOT.LD.	40.0 PSF	SEQN-	214767
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1TTD215_Z04



****WARNING**** THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DESIGN DRAWINGS FOR COMPONENT SAFETY INFORMATION. PUBLISHED BY THE CHRYSLER-PATENT INSTITUTE, 218 ENTERPRISE LANE, WARREN, MI 48090-1675. THIS IS A PATENTED PRODUCT. UNLESS OTHERWISE NOTICED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CELL.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR, ITW REG., INC. SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE FROM THE TRUSS IN COMPLIANCE WITH THE FOLLOWING:

TYPE OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

CONNECTIONS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC., BY AISC) AND TPI - 1TR BCG CONNECTOR PLATES ARE MADE OF 20/19/16GA (U.S./MKS GRADE 40/60 (K/H/S) GALV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND, WHERE OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. IF ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF TPI-2002 SEC.3. A SEAL ON THIS 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 ANS/TPI 1 SEC. 2.



ITW Building Components Group Inc.
Haines City, FL 33844
FL CQA #0 278

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 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 MWFRS pressures.

The overall height of this truss excluding overhang is 8-3-5.

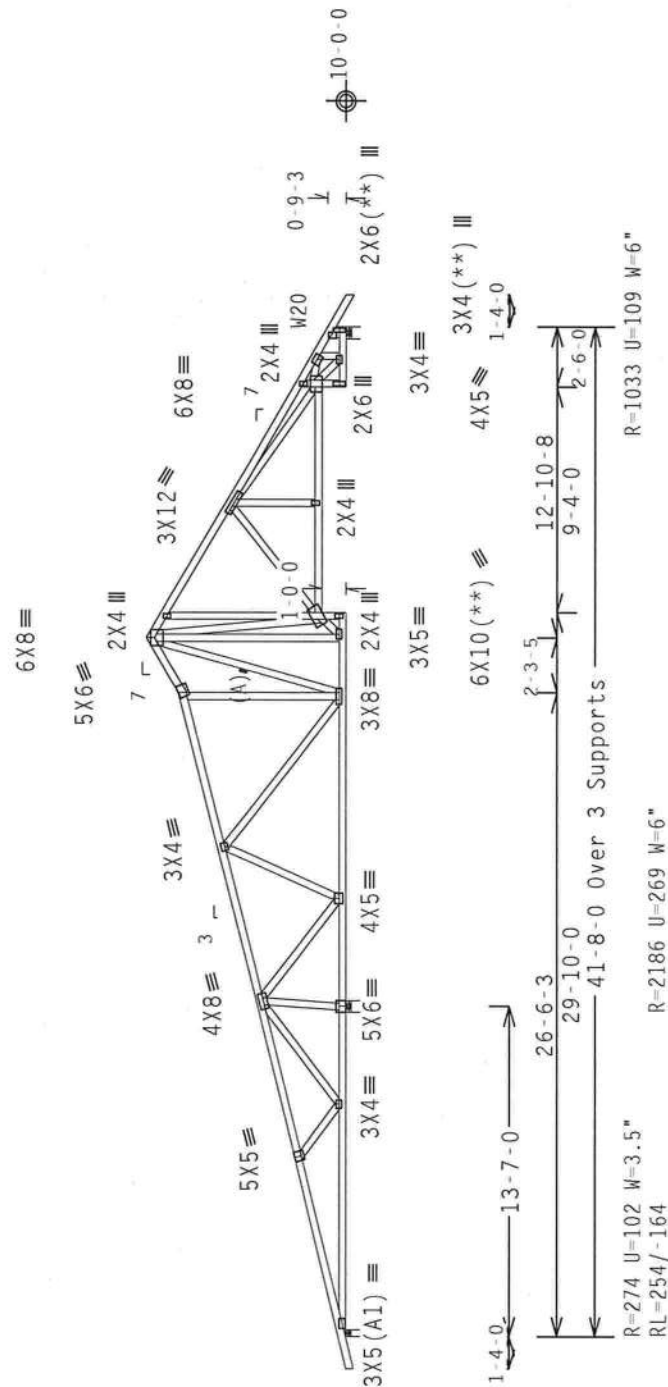
	Top chord	2x4	SP #2 N
	Bot chord	2x4	SP #2 N
	Webs	2x4	SP #2 N
			:W20 2x6 SP #2 N:

(A) Continuous lateral bracing equally spaced on member.

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

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

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



Design Crit: FBC07HVHZRes/TPI-2002(STD)
FT/RT=20%(0%)/0(0)

PLT TYP. Wave

Scale = .125"/Ft.

TC LL	20.0 PSF	REF R215- 22157
TC DL	10.0 PSF	DATE 07/15/09
BC DL	10.0 PSF	DRW HCURSR215 09196149
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEQN- 214632
DUR.FAC.	1.25	FROM LRB
SPACING	24.0"	JREF- 1TTD215_Z04

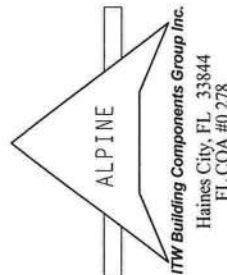


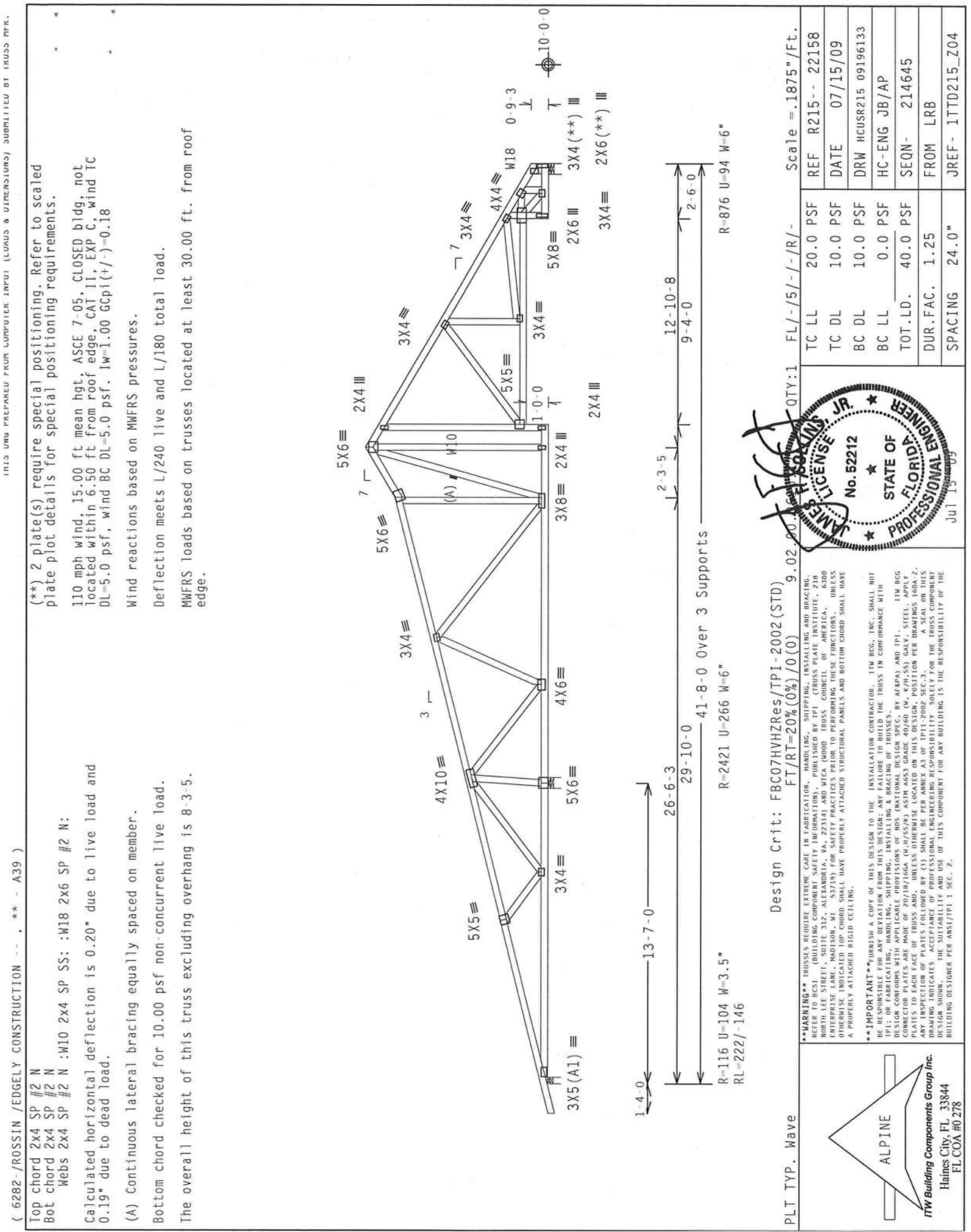
*****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST AVAILABLE SAFETY INFORMATION, PUBLISHED BY THE CROSS PLATE INSTITUTE, 218 ENTERPRISE LANE, MADISON, MI 48150, 313.527.1919, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CELLING.

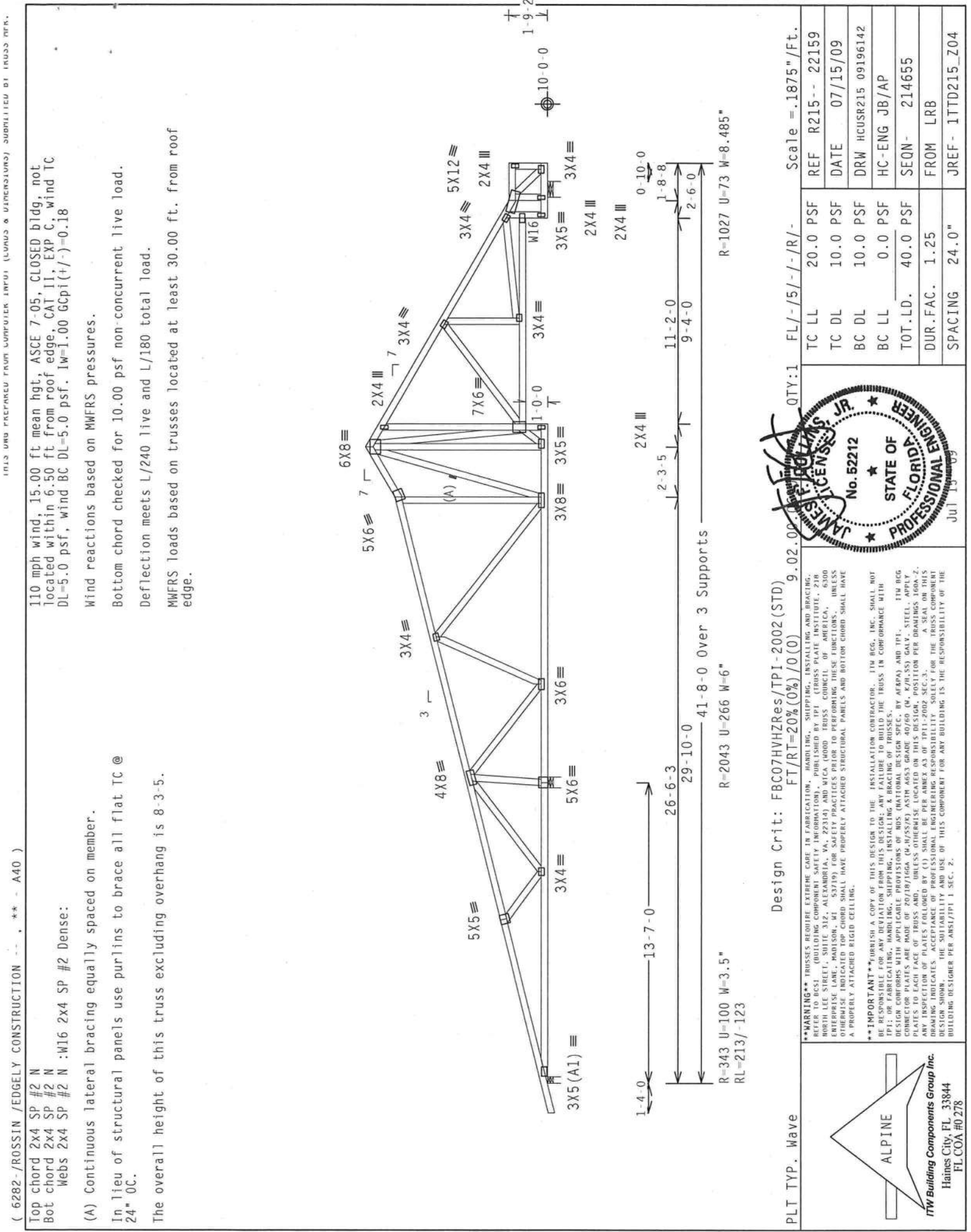
****IMPORTANT****FURNISH A COPY OF THIS DESIGN OF THIS DESIGNER TO THE INSTALLATION CONTRACTOR. ITN BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPTI-1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN COMPONENTS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPECIFICATION) AND TPTI-1. ITN BCG DESIGN CONTRACT PLATES ARE MADE OF 20/18/716/GA (.0475XK) ASTM A563 GRADE 40/90 (H K/H-55) GALV. STEEL. APPLY THE FOLLOWING DIMENSIONS TO ALL TRUSS MEMBERS EXCEPT WHERE SHOWN OTHERWISE ON PERMANENT PLATES:

ALL INSPECTION OF PLATES, FOLLOWED BY (1) SHALL BE PER AMENY AS OF TPTI-2002 SEC. 3. A SIGN OR THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT BEING SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMENY/TPTI 1 SEC. 2.







THIS WAS PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY KROSS MFR.

(6282- /ROSSIN /EDGELY CONSTRUCTION -- , ** - A40)

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 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 MWFRS pressures.
Bottom chord checked for 10.00 psf non-concurrent live load.
Deflection meets L/240 live and L/180 total load.
MWFRS loads based on trusses located at least 30.00 ft. from roof edge.

(A) Continuous lateral bracing equally spaced on member.
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.
The overall height of this truss excluding overhang is 8-3-5.

R=1027 U=73 W=8.485"

R=2043 U=266 W=6"

R=343 U=100 W=3.5"
RL=213/-123

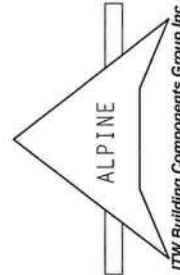
Design Crit: FBC07HVHZRes/TPI-2002 (STD)
FT/RT=20% (0%)/0(0)

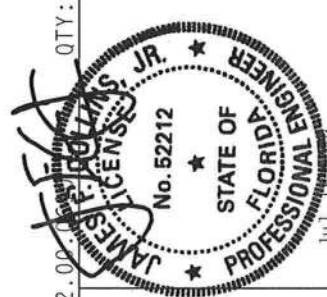
Scale = .1875"/Ft.

QTY:1

9.02.00

PLT TYP. Wave

 Haines City, FL 33844 FL COA #0278	REF R215-- 22159		TC LL 20.0 PSF	FL / - / 5 / - / - / R / -	Scale = .1875"/Ft.
	DATE 07/15/09		TC DL 10.0 PSF		
	DRW HCUSR215 09196142		BC DL 10.0 PSF		
	HC-ENG JB/AP		BC LL 0.0 PSF		
	SEQN- 214655		TOT.LD. 40.0 PSF		
	FROM LRB		DUR.FAC. 1.25		
JREF- 1TTD215_Z04		SPACING 24.0"			



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THE TRUSS IS TO BE USED ONLY FOR THE PURPOSES SPECIFIED IN THE DESIGN. THE TRUSS IS NOT TO BE USED FOR ANY OTHER PURPOSES. THE TRUSS IS NOT TO BE USED FOR ANY OTHER PURPOSES. THE TRUSS IS NOT TO BE USED FOR ANY OTHER PURPOSES.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE TRUSS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE TRUSS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR.

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

(A) Continuous lateral bracing equally spaced on member.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

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

The overall height of this truss excluding overhang is 8-3-5.

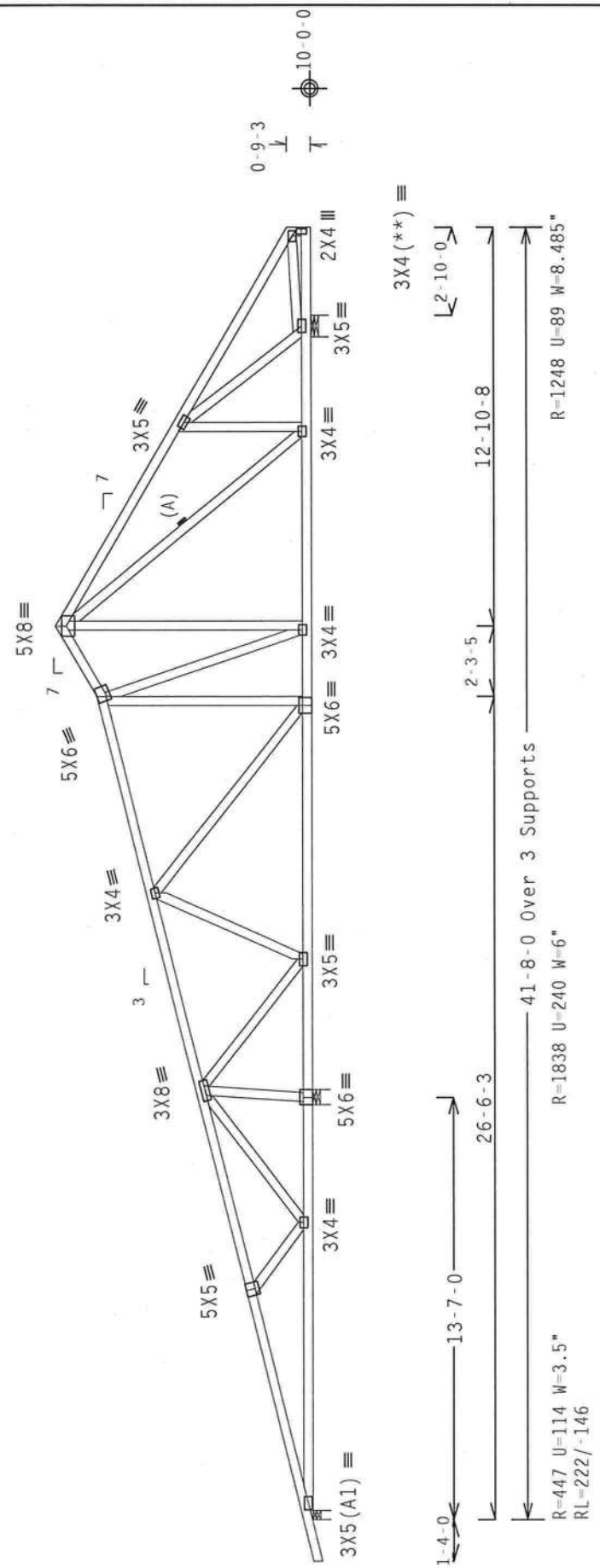
(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 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 MWFRS pressures.

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

MWFRS loads based on trusses located at least 30.00 ft. from roof edge.



Design Crit: FBC07HVHZRes/TPI-2002(STD)
FT/RT=20%(0%)/0(0)

PLT TYP. Wave

QTY: 1 FL/-/5/-/-/R/- Scale = .1875"/Ft.

TC LL	20.0 PSF	REF	R215--	22160
TC DL	10.0 PSF	DATE	07/15/09	
BC DL	10.0 PSF	DRW	HCUSR215	09196156
BC LL	0.0 PSF	HC-ENG	JB/AP	
TOT.LD.	40.0 PSF	SEQN-	214663	
DUR.FAC.	1.25	FROM	LRB	
SPACING	24.0"	JREF-	1TTD215_204	

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RCSI (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY RCSI FOR THE MOST CURRENT PLATING AND BRACING INFORMATION. NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22304. ALL TRUSSES MUST BE COMPLETED IN THE UNITED STATES OF AMERICA. 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. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF RDS (NATIONAL DESIGN SPEC., BY AISC) AND TPI1. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/1666 (4-10/55/5) ASTM A553 GRADE 40/60 (4, 8/10/55) 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 TPI1-2002 SEC.3. A SEAL ON THIS 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 ANSI/TPI 1 SEC. 2.

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

Jul 15 2009

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

(A) Continuous lateral bracing equally spaced on member.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

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

The overall height of this truss excluding overhang is 8-3-5.

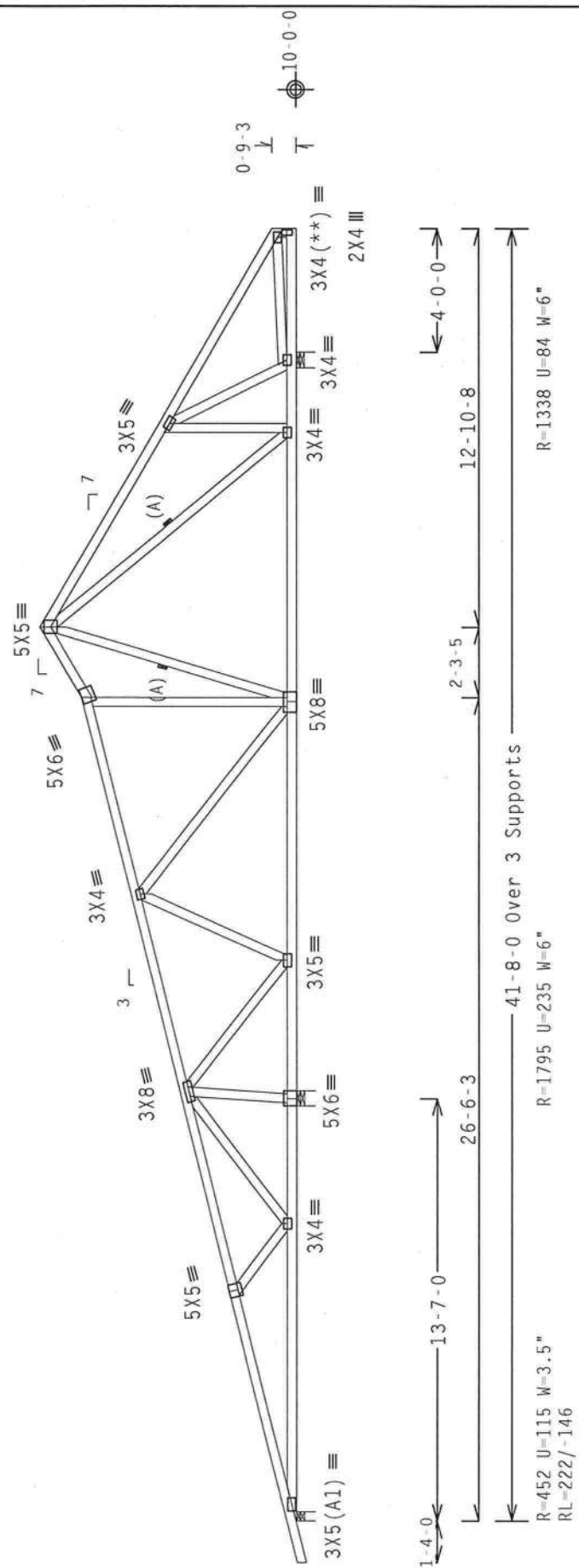
(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 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 MWFRS pressures.

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

MWFRS loads based on trusses located at least 30.00 ft. from roof edge.



Design Crit: FBC07HVHZRes/TPI-2002 (STD)
FT/RT=20% (0%)/0(0)

Scale = .1875"/Ft.

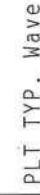
PLT TYP. Wave

	TC LL	20.0 PSF	FL/-/5/-/R/-	QTY: 1	9.02
	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"			
REF		R215--			
DATE		07/15/09			
DRW		HCUSR215 09196160			
HC-ENG		JB/AP			
SEQN-		214667			
FROM		LRB			
JREF-		1TTD215_Z04			

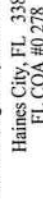
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0278

The overall height of this truss excluding overhang is 8-3-5.

MMFRS loads based on trusses located at least 30.00 ft. from roof edge.



****IMPORTANT**** *UNLESS A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR ITN BCG, INC., SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN COMBINED WITH APPLICABLE PROVISIONS OF SDPS (NATIONAL DESIGN SPECIFICATION FOR STEEL TUBULAR TRUSS) OR FABRICATING, APPLYING, SHIPPING, INSTALLING OF JOBS (NATIONAL DESIGN SPECIFICATION FOR STEEL TUBULAR TRUSS) OR COMBINATIONS THEREOF SHALL BE THE RESPONSIBILITY OF THE USER. THE USER SHALL BE RESPONSIBLE FOR THE CORRECTNESS OF THE INFORMATION PROVIDED TO THE DESIGNER AND THE USER SHALL BE RESPONSIBLE FOR THE CORRECTNESS OF THE INFORMATION PROVIDED TO THE USER. THE USER SHALL BE RESPONSIBLE FOR THE CORRECTNESS OF THE INFORMATION PROVIDED TO THE USER. THE USER SHALL BE RESPONSIBLE FOR THE CORRECTNESS OF THE INFORMATION PROVIDED TO THE USER.



FL/-/5/-/-/R/-		Scale = .1875" / Ft.
TC LL	20.0 PSF	REF R215 - 22162
TC DL	10.0 PSF	DATE 07/15/09
BC DL	10.0 PSF	DRW HCUR215 09196159
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEQN- 214671
DUR.FAC.	1.25	FROM LRB
SPACING	24.0"	JREF- 1TTD215_Z04

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

(A) Continuous lateral bracing equally spaced on member.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

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

The overall height of this truss excluding overhang is 8-3-5.

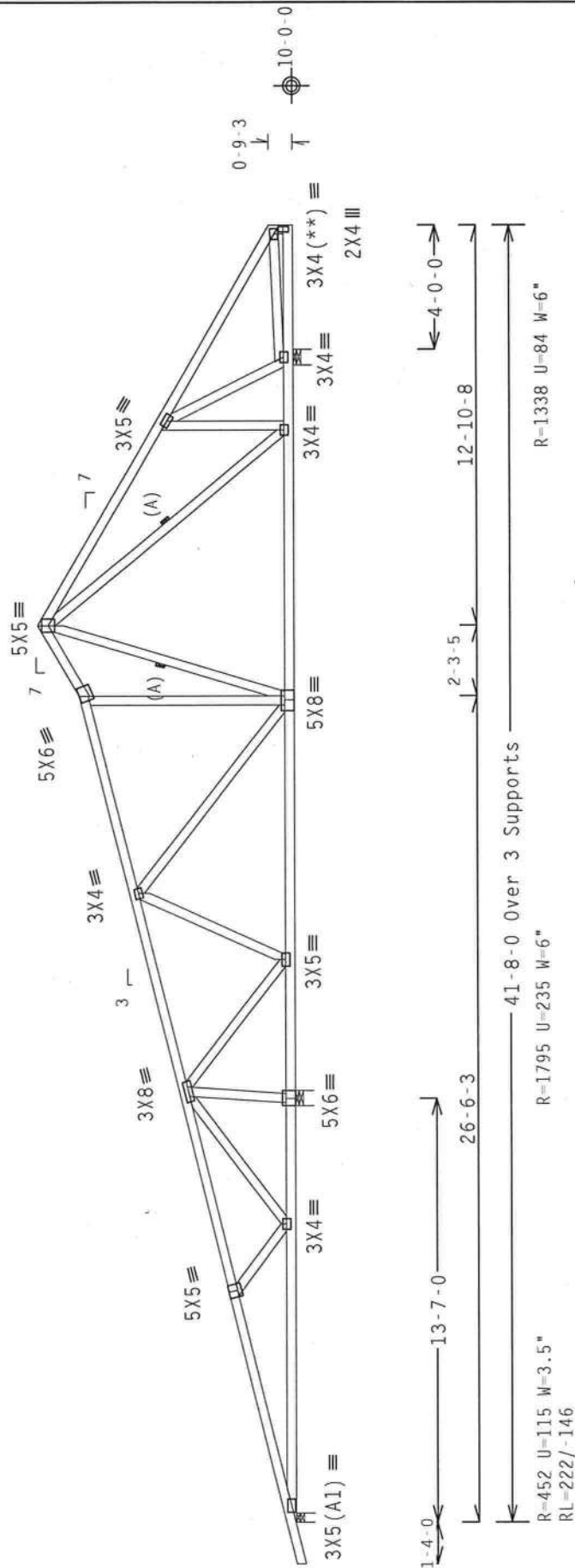
(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 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 MWFRS pressures.

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

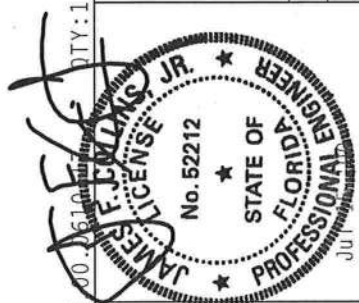
MWFRS loads based on trusses located at least 30.00 ft. from roof edge.

Design Crit: FBC07HVHZRes/TPI-2002(STD)
FT/RT-20%(0%)/0(0)

PLT TYP. Wave

Scale = .1875"/Ft.

TC LL	20.0	PSF	REF R215- 22163
TC DL	10.0	PSF	DATE 07/15/09
BC DL	10.0	PSF	DRW HCURS215 09196158
BC LL	0.0	PSF	HC-ENG JB/AP
TOT.LD.	40.0	PSF	SEEN- 214676
DUR.FAC.	1.25		FROM LRB
SPACING	24.0"		JREF- 1TTD215_Z04



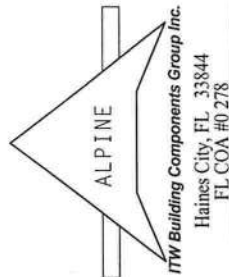
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE 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 PROPERLY ATTACHED RIGID CEILING.

**** IMPORTANT ***** UNLESS A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR-TIN BCG, INC.- SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TP1- OR FABRICATING, HANDLING, SHIPPING, INSTALLING, OR BRACING OF TRUSSES.

DESIGN CONDITIONS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC.) BY ACI/PDA AND TP1- 1TU REG PLATES TO EACH FACE OF TRUSSES AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER GRANIBROS 160A 2.2.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER AX OF TP1-2002 SEC.2.

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF THIS PROJECT. NO LIABILITY FOR THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMER/TP1 1 SEC. 2.



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

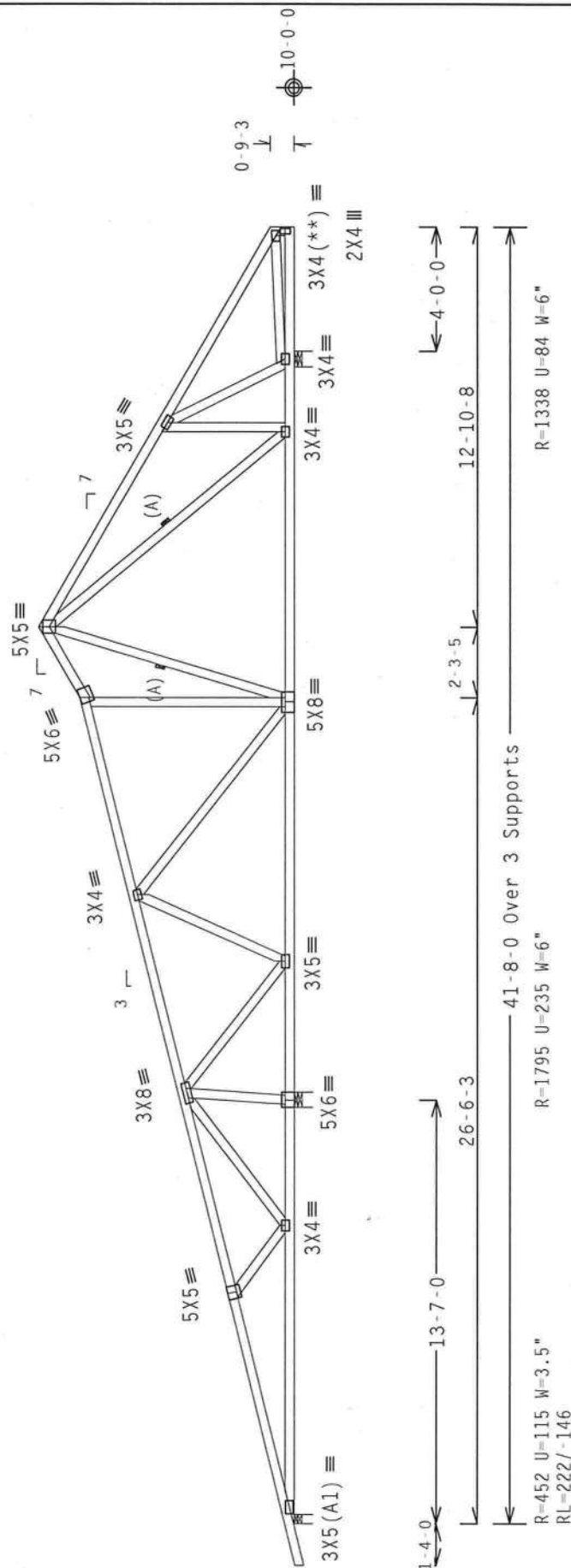
(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

110 mph wind, 15.00 ft mean hgt., ASCE 7-05, CLOSED bldg, not located within 6.50 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 MWFRS pressures.

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

MWFRS loads based on trusses located at least 30.00 ft. from roof edge.

Design Crit: FBC07HVHZRes/TPI-2002(STD)
FT/RT=20%(0%)/0(0)

00-0670-77
0TY:1

Scale = .1875"/Ft.

PLT TYP. Wave

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST AVAILABLE COMPONENT SAFETY INFORMATION, PUBLISHED BY THE CRUSS PLATE INSTITUTE, 3300 NORTHER STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND AISC (4000) TRUSS MANUFACTURING COMMITTEE, 1515 MARKET STREET, PHILADELPHIA, PA, 19102, FOR ADDITIONAL INFORMATION. THESE TRUSSES ARE DESIGNED TO BE USED WITH THE FOLLOWING INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CORD SHALL HAVE

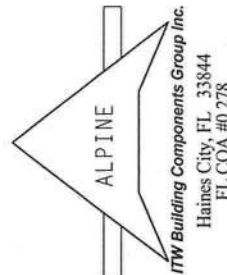
*****IMPORTANT****-FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DETAILATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TP-1 OR TABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN COMPLIES WITH APPLICABLE REQUIREMENTS OF AISC (NATIONAL DESIGN SPEC., BY AISC) AND TP-1. ITW BCG HAS BEEN ADVISED THAT THERE ARE NO KNOWN PLATES LOCATED AT THIS DESIGN POSITION PER DRAWINGS 160A-Z.

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 AMEC AZ OF TP-1-2002 SEC.3. A SEAL ON THIS 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 AMSP/TP-1 SEC. 2.



TC LL	20.0 PSF	REF R215 -- 22164
TC DL	10.0 PSF	DATE 07/15/09
BC DL	10.0 PSF	DRW HCUR215 09196157
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEQN- 214680
DUR.FAC.	1.25	FROM LRB
SPACING	24.0"	JREF- 1TTD215_Z04

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 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

(A) Continuous lateral bracing equally spaced on member.

Wind reactions based on MWFRS pressures.

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

Right end vertical not exposed to wind pressure.

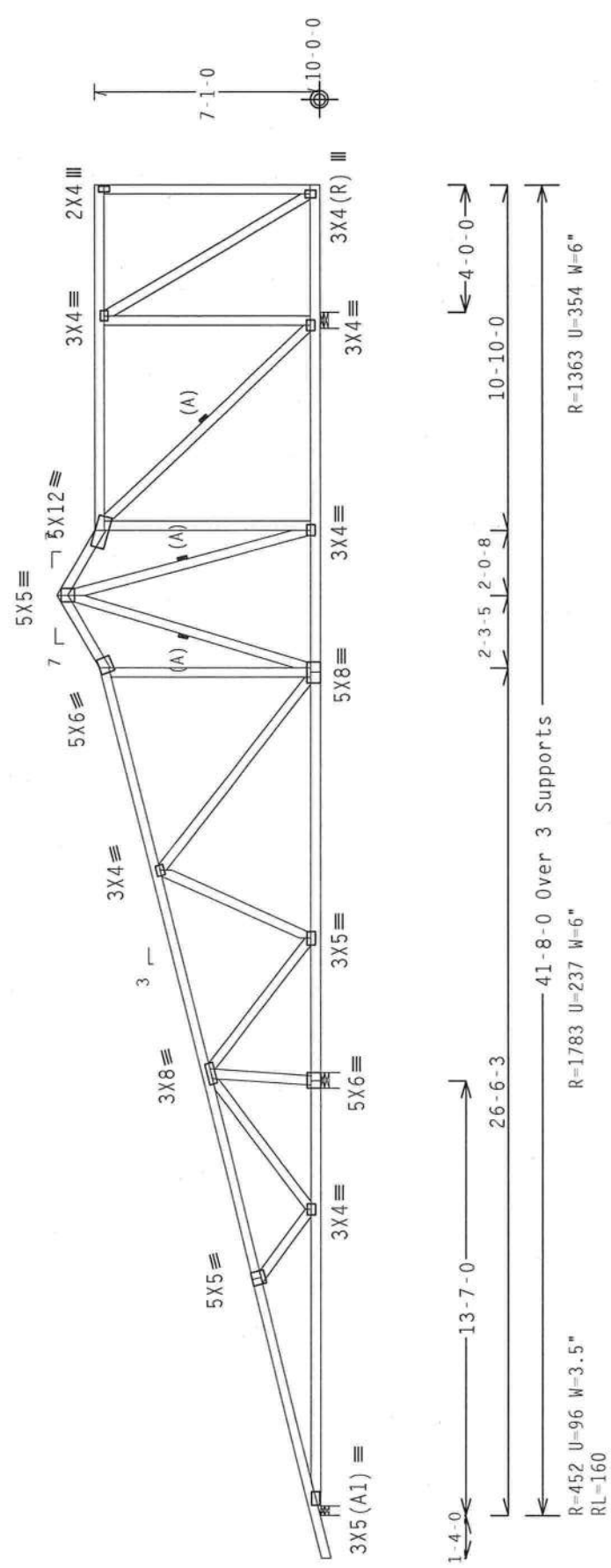
Bottom chord checked for 10.00 psf non-concurrent live load.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

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

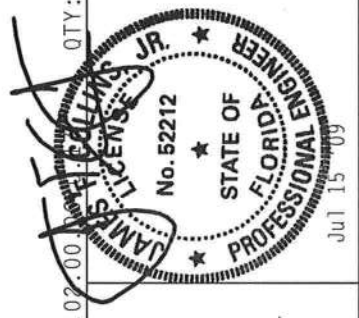
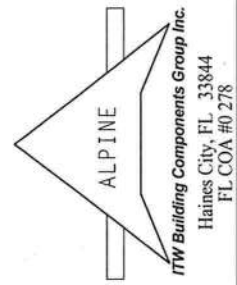
The overall height of this truss excluding overhang is 8-3-5.

MWFRS loads based on trusses located at least 30.00 ft. from roof edge.



Design Crit: FBC07HVHZRes/TPI-2002 (STD)
FT/RT=20%(0%)/0(0)

PLT TYP. Wave	QTY: 1		FL / - / 5 / - / - / R / -		Scale = .1875" / Ft.	
	TC LL	20.0 PSF	REF	R215 - -	22165	
	TC DL	10.0 PSF	DATE	07/15/09		
	BC DL	10.0 PSF	DRW	HCUSR215	09196154	
	BC LL	0.0 PSF	HC-ENG	JB/AP		
	TOT.LD.	40.0 PSF	SEON -	214685		
DUR.FAC.			FROM	LRB		
SPACING			JREF -	1TTD215_Z04		



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE TRUSS IN CONFORMANCE WITH THE DESIGN CRITERIA. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE TRUSS IN CONFORMANCE WITH THE DESIGN CRITERIA. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE TRUSS IN CONFORMANCE WITH THE DESIGN CRITERIA.

****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 DESIGN CRITERIA SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC., BY AISC) AND TPI-1. 1TH BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (M-H/SS/EX) ASTM A653 GRADE 40/60 (M, K/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 (C) SHALL BE PER AISC AS OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. THE SEAL IS THE PROPERTY OF THE BUILDING DESIGNER PER AISC/TPI 1 SEC. 2.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 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

(A) Continuous lateral bracing equally spaced on member.

Wind reactions based on MWFRS pressures.

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

Right end vertical not exposed to wind pressure.

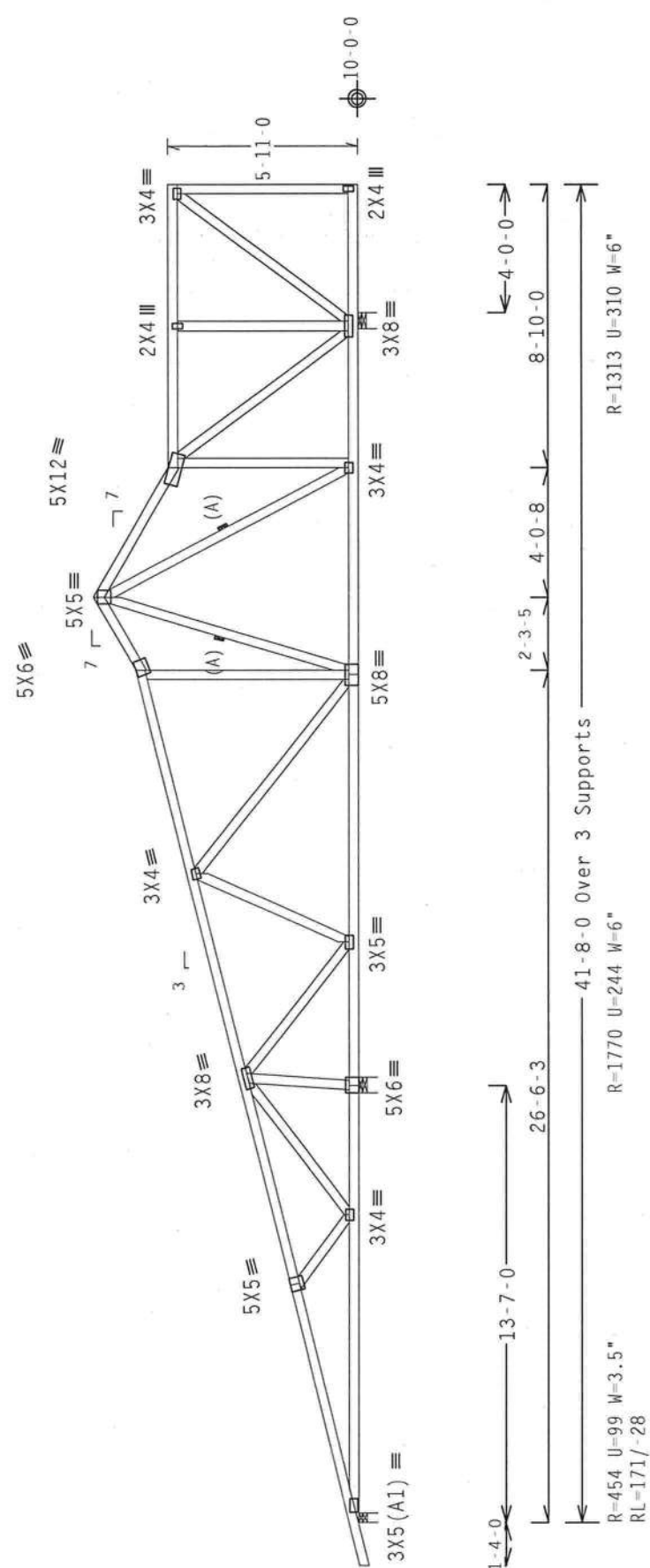
Bottom chord checked for 10.00 psf non-concurrent live load.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

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

The overall height of this truss excluding overhang is 8-3-5.

MWFRS loads based on trusses located at least 30.00 ft. from roof edge.



Design Crit: FBC07HVHZRes/TPI-2002 (STD)
FT/RT=20%(0%)/0(0)

Scale = .1875"/Ft.

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"

Professional Engineer Seal for JAMES S. COAKLEY, JR., No. 52212, State of Florida. Expiration date: Jul 15 '09.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. NORTH LEE STREET, SUITE 100, ALEXANDRIA, VA 22304. TRUSS INC. COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 48219. 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. 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.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AITC/A) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (N/A/SS/K) ASTM A653 GRADE 40/60 (N, K/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 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.

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

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

(A) Continuous lateral bracing equally spaced on member.

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

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

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

MWFRS loads based on trusses located at least 30.00 ft. from roof edge.

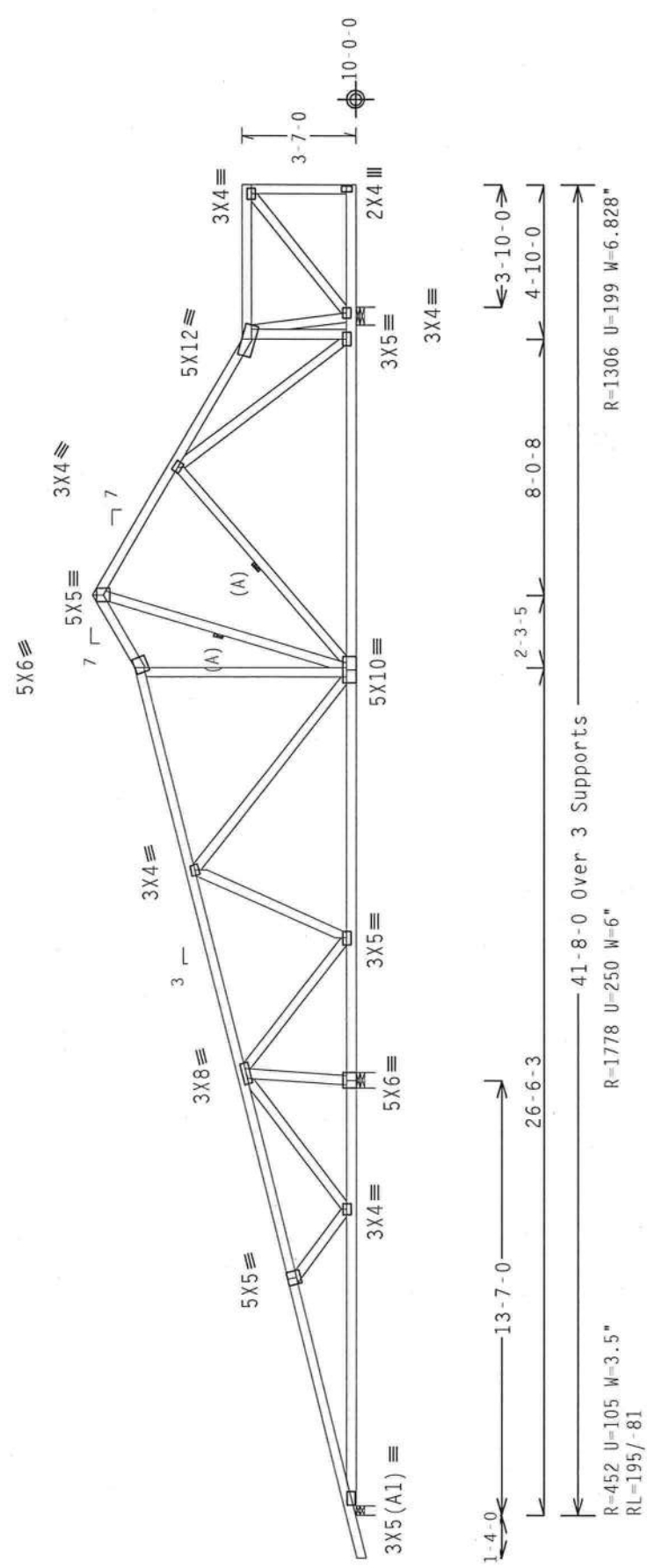
Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

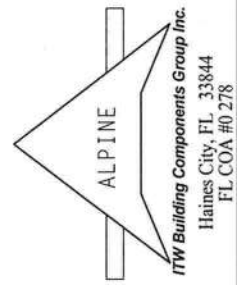
The overall height of this truss excluding overhang is 8-3-5.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ $G_C p_i(+/-)=0.18$



Design Crit: FBC07HVHZRes/TPI-2002 (STD)
FT/RT=20%(0%)/0(0)

PLT TYP. Wave	9.02.00	QTY:1	FL/-/5/-/-/R/-	Scale =.1875"/Ft.
	TC LL	20.0 PSF	REF R215--	22168
	TC DL	10.0 PSF	DATE	07/15/09
	BC DL	10.0 PSF	DRW	HCUSR215 09196148
	BC LL	0.0 PSF	HC-ENG	JB/AP
	TOT.LD.	40.0 PSF	SEQN-	214701
	DUR.FAC.	1.25	FROM	LRB
	SPACING	24.0"	JREF-	1TTD215_Z04



(6282- /ROSSIN /EDGELY CONSTRUCTION -- . ** - A51)

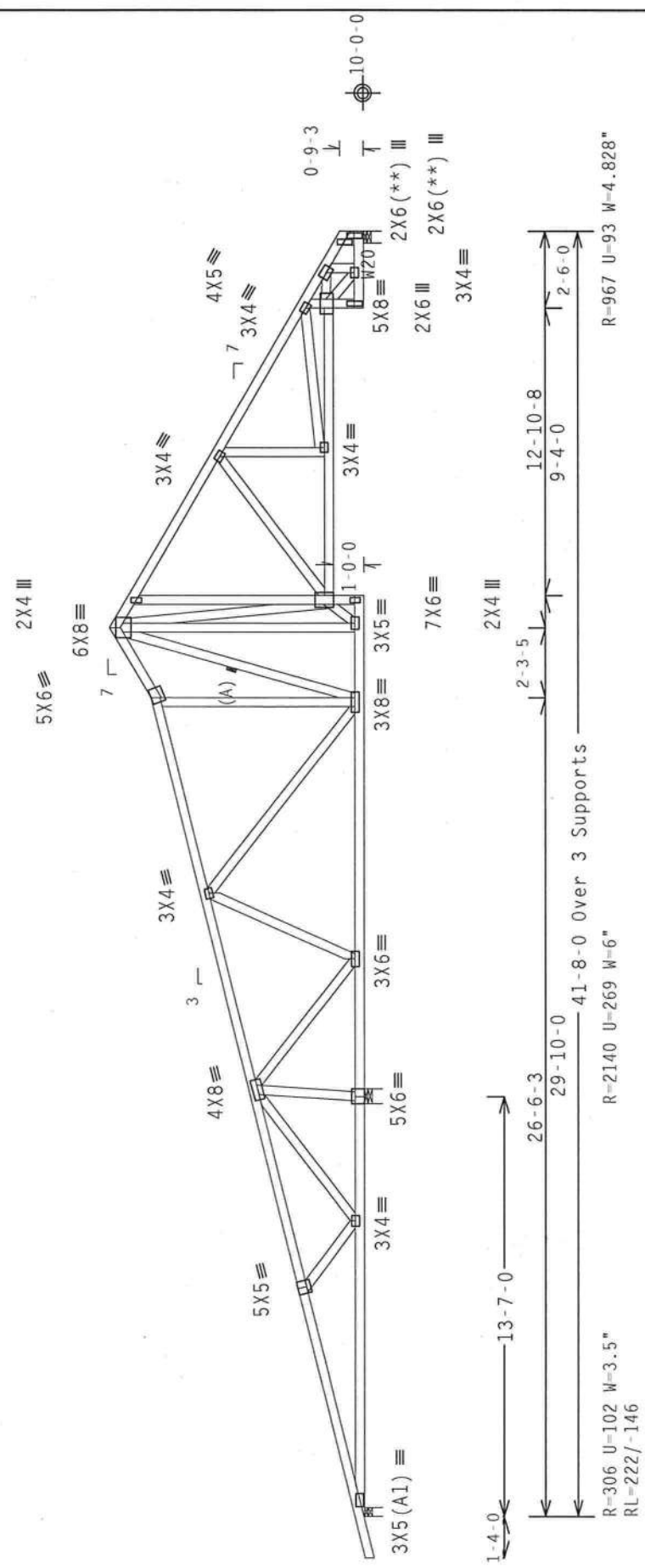
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N :W20 2x6 SP #2 N:
(A) Continuous lateral bracing equally spaced on member.
Bottom chord checked for 10.00 psf non-concurrent live load.
Deflection meets L/240 live and L/180 total load.
MWFRS loads based on trusses located at least 30.00 ft. from roof edge.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP C, wind Ic DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi (+/-)=0.18

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 8-3-5.



Design Crit: FBC07HVHZRes/TPI-2002 (STD)

Scale = .1875"/Ft.

ALPINE

rtw Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

PLT TYP. Wave

QTY: 1

FL / - / 5 / - / - / 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"	

REF R215-- 22170
DATE 07/15/09
DRW HCUSR215 09196143
HC-ENG JB/AP
SEQN- 214729
FROM LRB
JREF- 1TTD215_Z04

WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI CROSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6500 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. ITW 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. ITW BCS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCS CONNECTOR PLATES ARE MADE OF 2018/166A (A-1/55/85) ASTM A653 GRADE 40/60 (W. K/P/55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS. THIS 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 AMSI/TPI 1 SEC. 2.

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

1110 mph wind, 15.85 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

End verticals not exposed to wind pressure.

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

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

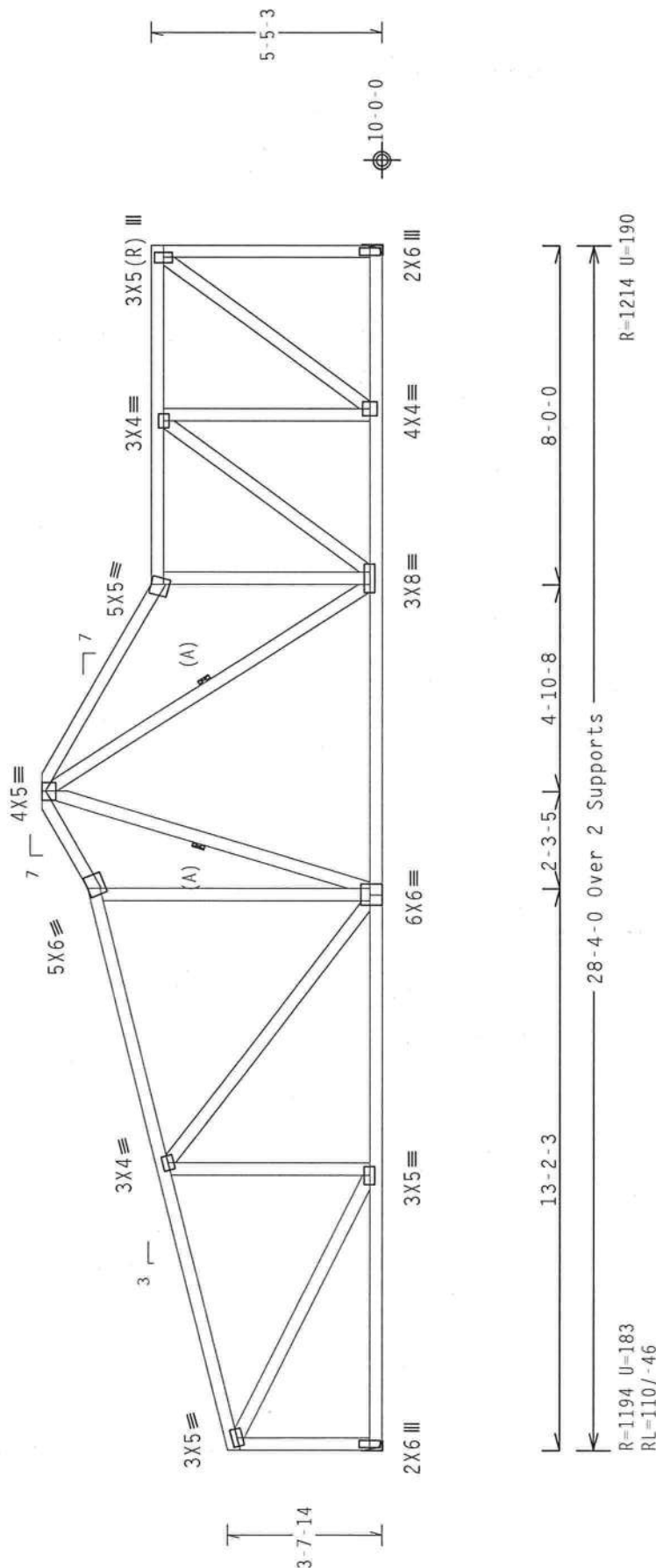
Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

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

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

The overall height of this truss excluding overhang is 8-0-7.

MMWFRS loads based on trusses located at least 15.85 ft. from roof edge.

Design Crit: FBC07HVHZRes/TPI-2002 (STD)
FT/RT=20%(0%) / 0(0)

Scale = 25"/Ft.

F11-151-1-1R1-

00-1698 **Quantity:** 1
QTY: 1

9-2007 (010)

FT/RT=20% (0%)

Design Brief:

ve

PLT TYP. W

****WARNING**** THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, AND PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 2100 RIVER LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND FEA (FEDERAL TRUSS COUNCIL OF AMERICA, 638 OBERLIN STREET, SUITE 100, WASHINGTON, DC 20004) FOR SAFETY PRECAUTIONS AND INSTRUCTIONS. UNLESS OTHERWISE NOTICED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED BRACE.

<

1

TC LL	20.0 PSF
TC DL	10.0 PSF

JAMES H. LIND, JR.
LICENSE
No. 52212

INSTALLING AND BRACING,
STEEL PLATE INSTITUTE, 218
OF AMERICA, 6300
SE FUNCTIONS. UNLESS
BOTTOM CHORD SHALL HAVE

4. HANDLING, SHIPPING, PUBLISHED BY TPI (TRUSICA WOOD TRUSS COUNCIL) PRIOR TO PERFORMING STRUCTURAL PANELS AND

EXTREME CARE IN FABRICATING
COMPONENT SAFETY INFORMATION
ALEXANDRIA, VA, 22314) A
53719) FOR SAFETY PHAC
SHALL HAVE PROPERLY ATT
ING.

ARNING TRUSSES REQUIRED TO BECS (BUILDING CODE) LEE STREET, SUITE 312
PRISE LANE, MADISON, WISCONSIN. THE TOP CHORDS
PROPERLY ATTACHED RIGID CONNECTIONS.**

A
07
EN
NG
RE
**

[illegible]

1

*** IMPORTANT *** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPLIANCE WITH IPT-1 OR FABRICATING, WELDING, SHIPPING, INSTALLING OR BRACING OF TRUSSES.

DESIGNER CONFORMS WITH APPLICABLE PROVISIONS OF AISC STANDARD SPECIFICATION FOR STEEL ERECTORS AND CONNECTION COMPANIES WITH APPLICABLE PROVISIONS OF AISC STANDARD SPECIFICATION FOR STEEL ERECTORS AND CONNECTION COMPANIES ARE MADE OF 20X18/16GA (.9175/.55) ASTM A663 GRADE 49/60 (N. K/H=55) GALV. STEEL, ALL 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 AMEX AS OF IPT-1-2002 SEC. 2.

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF THE BUILDING. USE OF THIS CONSENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMEX/IPT-1 SEC. 2.



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

BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	40.0 PSF
DUR.FAC.	1.25
SPACING	24 IN

A circular seal for the State of Florida Professional Engineer. The outer ring contains the text "STATE OF FLORIDA" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by three stars on each side. The center of the seal is blank.

THE BCG, INC. SHALL NOT
IN CONFORMANCE WITH
AND TPI. THE BCG
S) GALV. STEEL, APPLY
ON PER DRAWINGS 160A-Z.
A SEAL ON THIS
OR THE TRUSS COMPONENT
RESPONSIBILITY OF THE

INSTALLATION CONTRACTOR.
FAILURE TO BUILD THE TRUSS
ACCORDING TO THE
ORIGINAL DESIGN SPEC. BY AFR
A653 GRADE 40/60 (W, K)
ON THIS DESIGN, POSIT
HEX A3 OF TP11-2002 SEC
G RESPONSIBILITY SOLELY
NT FOR ANY BUILDING IS

Y OF THIS DESIGN TO THE
FROM THIS DESIGN; AND
SHIPPING, INSTALLING &
E PROVISIONS OF HOS (NA
0/18/16GA (W.H/55/K) AS
UNLESS OTHERWISE L
BY (1) SHALL BE PER
OF PROFESSIONAL ENGINE
TY AND USE OF THIS COMP
1 SEC. 2

[illegible]

NE
onents Group Inc.
FL 33844

ITW Building Co.
Haines Ci

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 MWFRS pressures.

• *insculptum* (Linn.)

(A) Continuous lateral bracing equally spaced on member.

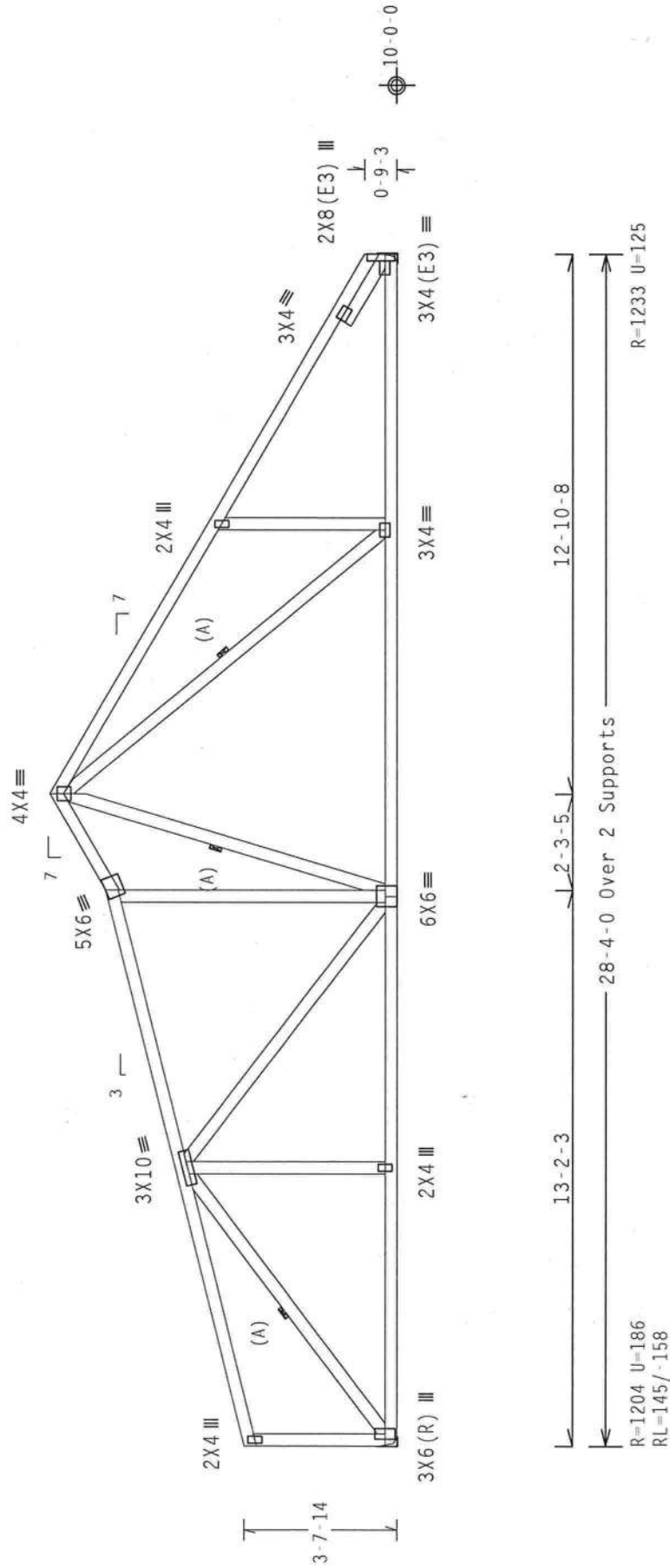
Truss passed check for 20 psi additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

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

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

The overall height of this truss excluding overhang is 8-3-5.

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

Design Crit: FBC07HVHZRes/TPI-2002(STD)
FT/RT=20%(0%)/0(0)

Scale = .25"/Ft.

FL/-/5/-/-/R/-/

QTY:1

Scandinavia

~~2.00~~

6

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

Design Brief:

PLT TYP. Wave

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCS BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE CORRESPONDING INSTITUTE, 200 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22304, AND AISC AND AISC TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MOORESP, MI 52719, 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 CEE.

<

[illegible]

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



11.01.01

ENT FOR NOT OUTLIVING IS THE RESPONSE

TP1 1 SEC. 2.

BUILDING DESIGNER PER A

Haines City, FL 33844

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 MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

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

The overall height of this truss excluding overhang is 8-3-5.

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

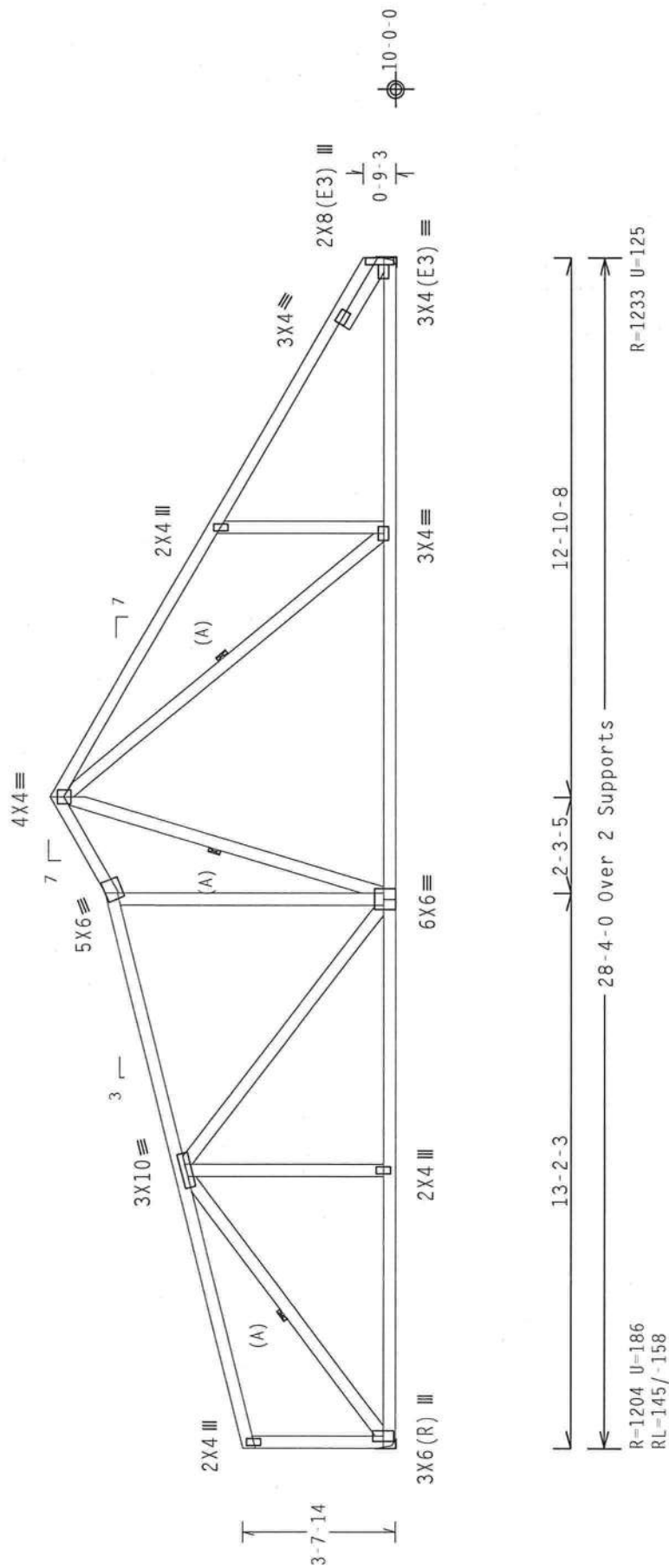
:Rt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.890'

Left end vertical not exposed to wind pressure.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

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

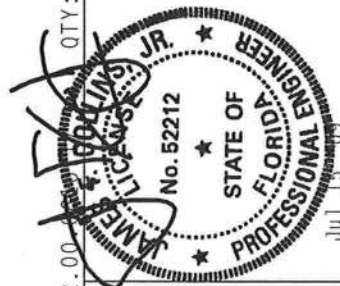
MMFRS loads based on trusses located at least 15.00 ft. from roof edge.

Design Crit: FBC07HVHZRes/TPI-2002 (STD)
FT/RT=20%(0%)/0(0)

PLT TYP. Wave

Scale = .25"/Ft.

TC LL	20.0 PSF	REF	R215--	22174
TC DL	10.0 PSF	DATE	07/15/09	
BC DL	10.0 PSF	DRW	HCUSR215	09196139
BC LL	0.0 PSF	HC-ENG	JB/AP	*
TOT.LD.	40.0 PSF	SEQN-	214594	
DUR.FAC.	1.25	FROM	LRB	
SPACING	24.0"	JREF-	1TTD215	Z04



****WARNING**** THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND DRACING. IMPROPER DESIGN, BUILDING COMPONENTS, UNPUBLISHED BUTY, CROSS PLATE INSTITUTE, 240 NORTH 15 STREET, CHICAGO, ILL. 60601, 1-800-368-3683, 312-467-1000, FAX 312-467-1001, 312-467-1002, 312-467-1003, 312-467-1004, 312-467-1005, 312-467-1006, 312-467-1007, 312-467-1008, 312-467-1009, 312-467-1010, 312-467-1011, 312-467-1012, 312-467-1013, 312-467-1014, 312-467-1015, 312-467-1016, 312-467-1017, 312-467-1018, 312-467-1019, 312-467-1020, 312-467-1021, 312-467-1022, 312-467-1023, 312-467-1024, 312-467-1025, 312-467-1026, 312-467-1027, 312-467-1028, 312-467-1029, 312-467-1030, 312-467-1031, 312-467-1032, 312-467-1033, 312-467-1034, 312-467-1035, 312-467-1036, 312-467-1037, 312-467-1038, 312-467-1039, 312-467-1040, 312-467-1041, 312-467-1042, 312-467-1043, 312-467-1044, 312-467-1045, 312-467-1046, 312-467-1047, 312-467-1048, 312-467-1049, 312-467-1050, 312-467-1051, 312-467-1052, 312-467-1053, 312-467-1054, 312-467-1055, 312-467-1056, 312-467-1057, 312-467-1058, 312-467-1059, 312-467-1060, 312-467-1061, 312-467-1062, 312-467-1063, 312-467-1064, 312-467-1065, 312-467-1066, 312-467-1067, 312-467-1068, 312-467-1069, 312-467-1070, 312-467-1071, 312-467-1072, 312-467-1073, 312-467-1074, 312-467-1075, 312-467-1076, 312-467-1077, 312-467-1078, 312-467-1079, 312-467-1080, 312-467-1081, 312-467-1082, 312-467-1083, 312-467-1084, 312-467-1085, 312-467-1086, 312-467-1087, 312-467-1088, 312-467-1089, 312-467-1090, 312-467-1091, 312-467-1092, 312-467-1093, 312-467-1094, 312-467-1095, 312-467-1096, 312-467-1097, 312-467-1098, 312-467-1099, 312-467-1100, 312-467-1101, 312-467-1102, 312-467-1103, 312-467-1104, 312-467-1105, 312-467-1106, 312-467-1107, 312-467-1108, 312-467-1109, 312-467-1110, 312-467-1111, 312-467-1112, 312-467-1113, 312-467-1114, 312-467-1115, 312-467-1116, 312-467-1117, 312-467-1118, 312-467-1119, 312-467-1120, 312-467-1121, 312-467-1122, 312-467-1123, 312-467-1124, 312-467-1125, 312-467-1126, 312-467-1127, 312-467-1128, 312-467-1129, 312-467-1130, 312-467-1131, 312-467-1132, 312-467-1133, 312-467-1134, 312-467-1135, 312-467-1136, 312-467-1137, 312-467-1138, 312-467-1139, 312-467-1140, 312-467-1141, 312-467-1142, 312-467-1143, 312-467-1144, 312-467-1145, 312-467-1146, 312-467-1147, 312-467-1148, 312-467-1149, 312-467-1150, 312-467-1151, 312-467-1152, 312-467-1153, 312-467-1154, 312-467-1155, 312-467-1156, 312-467-1157, 312-467-1158, 312-467-1159, 312-467-1160, 312-467-1161, 312-467-1162, 312-467-1163, 312-467-1164, 312-467-1165, 312-467-1166, 312-467-1167, 312-467-1168, 312-467-1169, 312-467-1170, 312-467-1171, 312-467-1172, 312-467-1173, 312-467-1174, 312-467-1175, 312-467-1176, 312-467-1177, 312-467-1178, 312-467-1179, 312-467-1180, 312-467-1181, 312-467-1182, 312-467-1183, 312-467-1184, 312-467-1185, 312-467-1186, 312-467-1187, 312-467-1188, 312-467-1189, 312-467-1190, 312-467-1191, 312-467-1192, 312-467-1193, 312-467-1194, 312-467-1195, 312-467-1196, 312-467-1197, 312-467-1198, 312-467-1199, 312-467-1200, 312-467-1201, 312-467-1202, 312-467-1203, 312-467-1204, 312-467-1205, 312-467-1206, 312-467-1207, 312-467-1208, 312-467-1209, 312-467-1210, 312-467-1211, 312-467-1212, 312-467-1213, 312-467-1214, 312-467-1215, 312-467-1216, 312-467-1217, 312-467-1218, 312-467-1219, 312-467-1220, 312-467-1221, 312-467-1222, 312-467-1223, 312-467-1224, 312-467-1225, 312-467-1226, 312-467-1227, 312-467-1228, 312-467-1229, 312-467-1230, 312-467-1231, 312-467-1232, 312-467-1233, 312-467-1234, 312-467-1235, 312-467-1236, 312-467-1237, 312-467-1238, 312-467-1239, 312-467-1240, 312-467-1241, 312-467-1242, 312-467-1243, 312-467-1244, 312-467-1245, 312-467-1246, 312-467-1247, 312-467-1248, 312-467-1249, 312-467-1250, 312-467-1251, 312-467-1252, 312-467-1253, 312-467-1254, 312-467-1255, 312-467-1256, 312-467-1257, 312-467-1258, 312-467-1259, 312-467-1260, 312-467-1261, 312-467-1262, 312-467-1263, 312-467-1264, 312-467-1265, 312-467-1266, 312-467-1267, 312-467-1268, 312-467-1269, 312-467-1270, 312-467-1271, 312-467-1272, 312-467-1273, 312-467-1274, 312-467-1275, 312-467-1276, 312-467-1277, 312-467-1278, 312-467-1279, 312-467-1280, 312-467-1281, 312-467-1282, 312-467-1283, 312-467-1284, 312-467-

****IMPORTANT****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR, TRC BCG, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TP-1 OR TABRICATING, WELDING, SHIPPING, INSTALLING, OR BRACING OF TRUSSES.

CONTRACTOR PLATES ARE MADE OF 20/19/16GA. 48"X25/32"X .035" ASH WAS GRADU. 40/60G. K-20/55S GALV. STEEL. ALL PLATES TO EACH FACE OF TRUSSES AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMBER A3 OF TP-1-2002 SEC.3.

DRAWINGS INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF THIS PROJECT. NO PART OF THIS COMMENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMB/A1/PL 1 SEC.2.



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

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

:Rt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.890'

Left end vertical not exposed to wind pressure.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

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

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

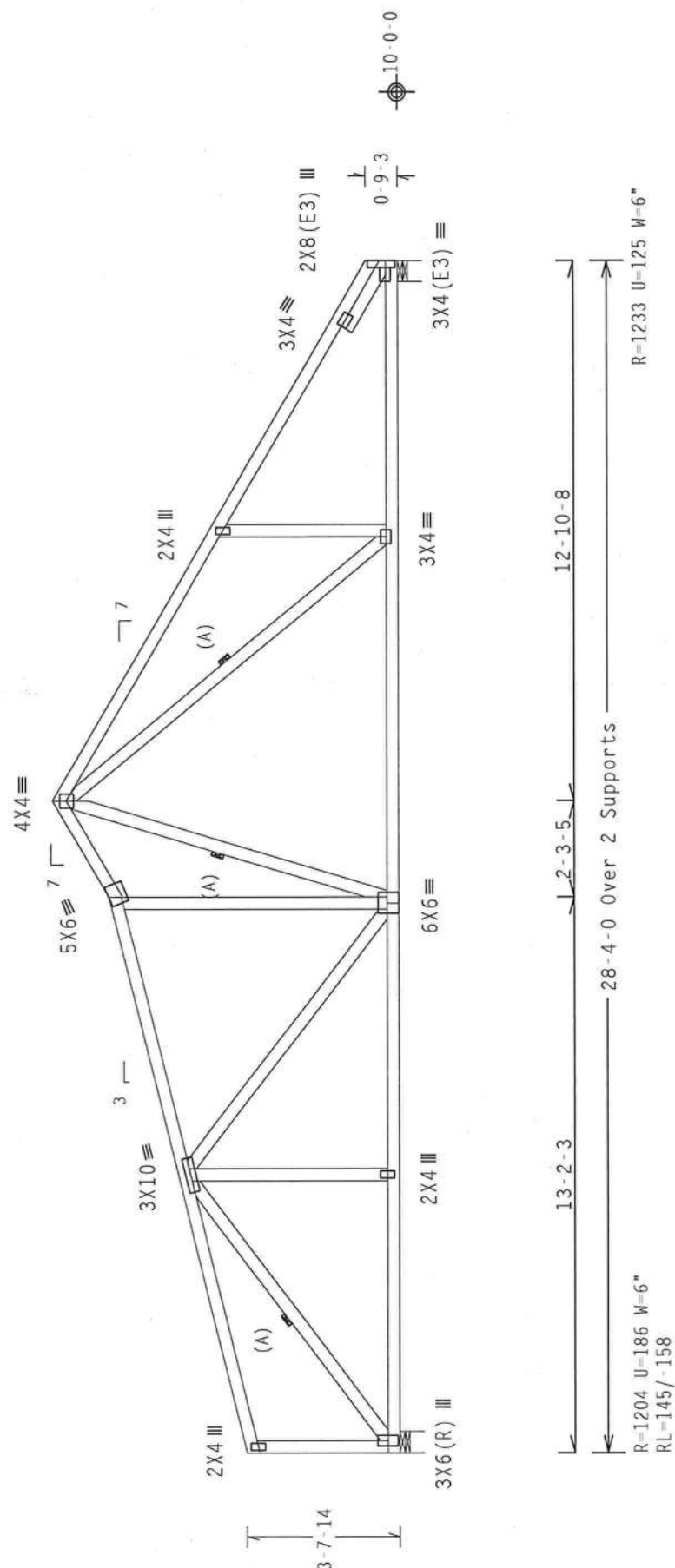
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind IC DL=5.0 psf, wind BC DL=5.0 psf, 1w=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

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

The overall height of this truss excluding overhang is 8-3-5.

Design Crit: FBC07HVHZRes/TPI-2002 (STD)
FT/RT=20%(0%)/0(0)

PLT TYP. Wave

Scale = .25"/Ft.

[illegible]

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 MWFRS pressures.

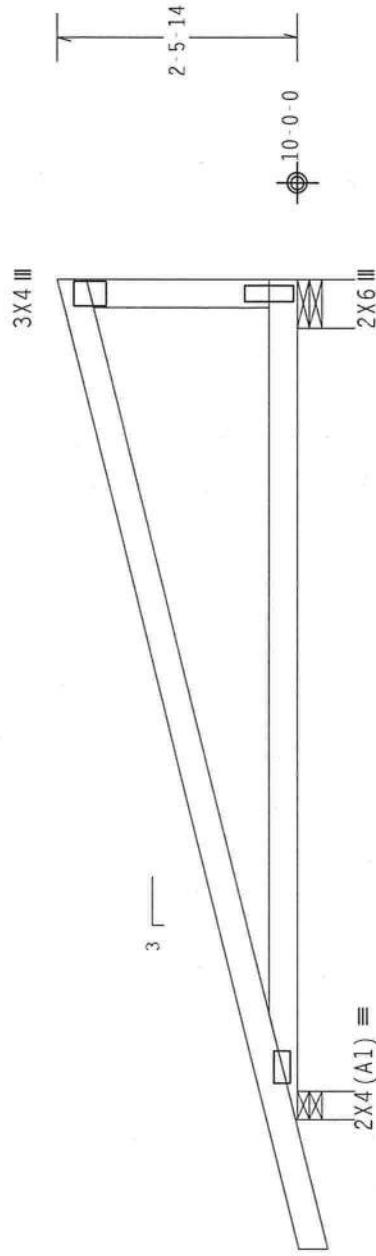
Right end vertical not exposed to wind pressure.

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

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

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

The overall height of this truss excluding overhang is 2-5-14.



1-4-0

8-8-0 Over 2 Supports

R=440 U=131 W=3.5"

R=333 H=69 W=6"

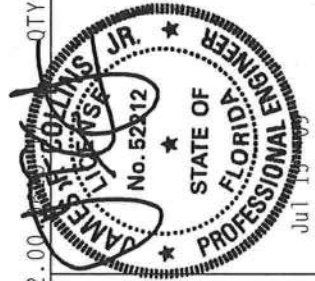
Design Crit: FBC07HVHZRes/TPI-2002(STD)
FT/RT=20%(0%)/0(0)

FT/RT=20%(0%)/0(0)	9.02.00
3CO/HVHZRES/FT-200Z (31D)	

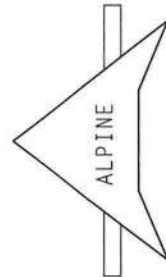
FL/-/5/-/-/R/-/

Scale = .5"/Ft.

TC LL	20.0 PSF	REF R215-- 22176
TC DL	10.0 PSF	DATE 07/15/09
BC DL	10.0 PSF	DRW HCURSR215 09196141
BC LL	0.0 PSF	HC-ENG JB/AP *
TOT.LD.	40.0 PSF	SEQN- 214518
DUR.FAC.	1.25	FROM LRB
SPACING	24.0"	JREF- 1TTD215_Z04

[illegible]

IMPORTANTTURKISH 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 DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC.) AND TP1. ITW BCG CONNECTOR PLATES ARE MADE OF 20X10X1/8GA. (A572/55KSI) GALV. A563 GRADE 40/60 (A. K/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 AISC A3.4 OF TP1-2002 SEC.3. A SEAL ON THIS 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 AISI/TP1 1 SEC. 2.



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

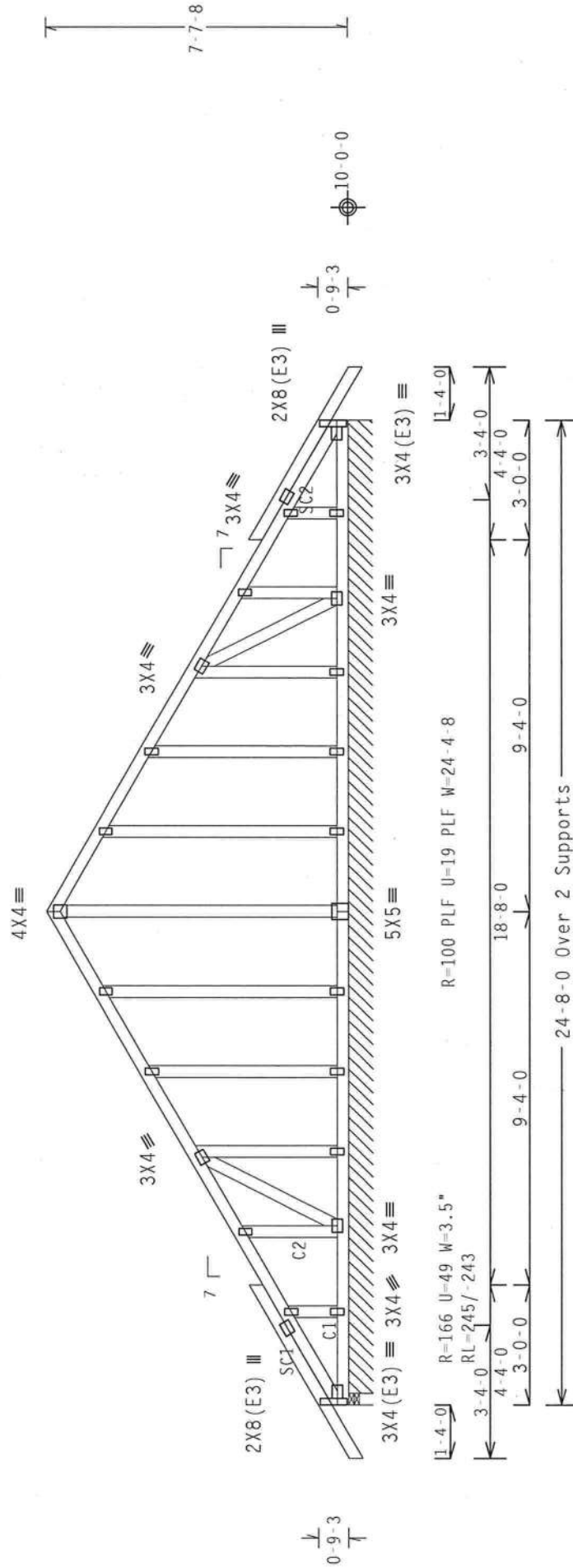
110 mph wind, 15.00 ft mean hot, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

The overall height of this truss excluding overhang is 7-7-8.



Note: All Plates Are 2X4 Except As Shown.

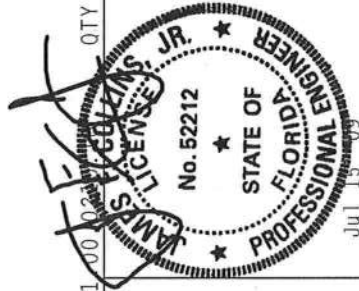
Design Crit: FBC07HVHZRes/TPI-2002(STD)

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

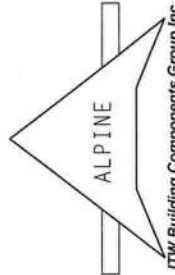
FL/-/5/-/-/R/-

Scale = .25"/Ft.

TC LL	20.0	PSF	REF	R215--	22177
TC DL	10.0	PSF	DATE	07/15/09	
BC DL	10.0	PSF	DRW	HCHSR215	09196090
BC LL	0.0	PSF	HC-ENG	WHK/WHK	
TOT.LD.	40.0	PSF	SEQN-	211311	
DUR.FAC.	1.25		FROM	LRB	
SPACING	24.0"		JREF-	1TTD215_Z04	



WARNING PROCESS REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND REACHING. ALL PERSONS INVOLVED MUST BE TRAINED AND QUALIFIED TO PERFORM THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID LEGGING.

[illegible]

ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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

SPECIAL LOADS

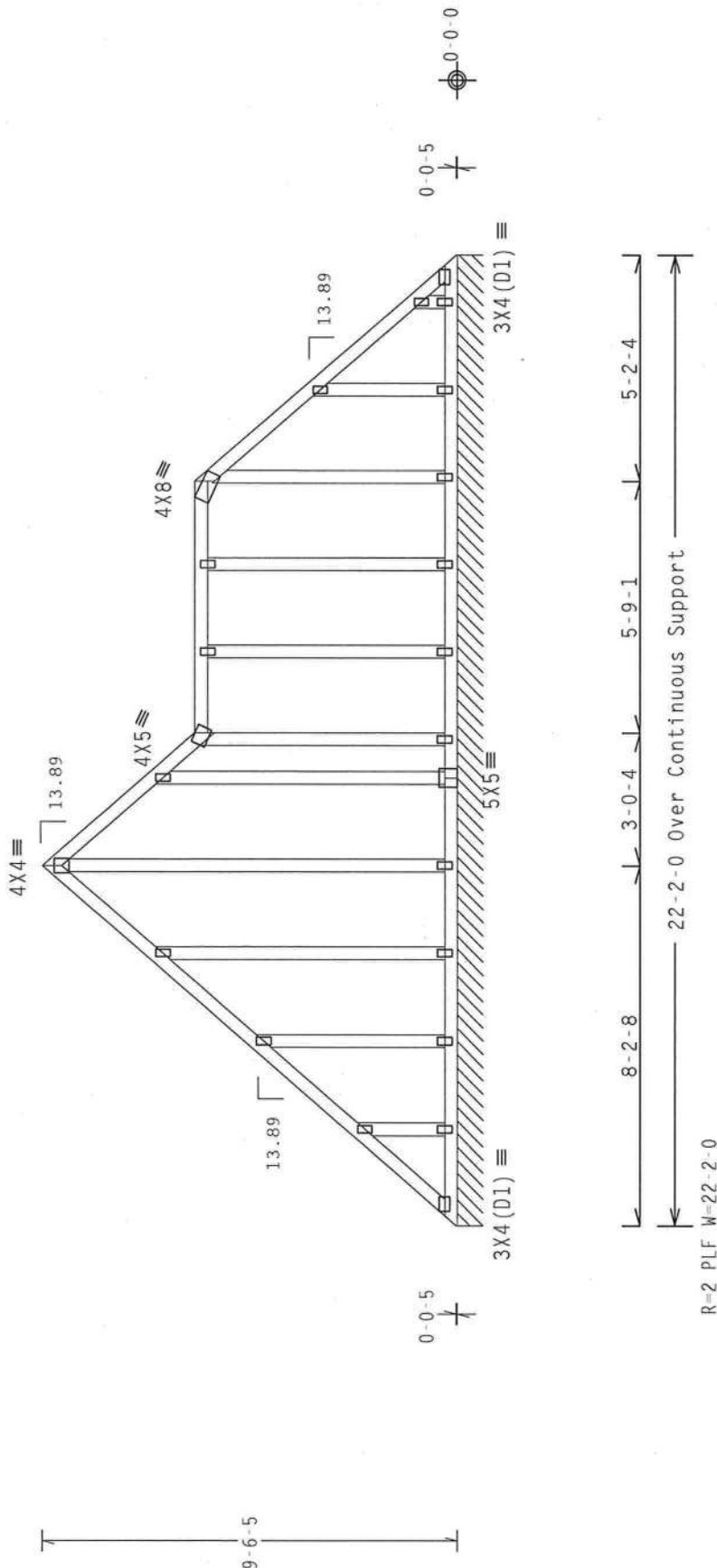
TC	-	From	1 PLF at 0.00 to	DUR.FAC.=1.25 / PLATE	DUR.FAC.=1.25
BC	-	From	1 PLF at 0.00 to	1 PLF at 21.70	1 PLF at 21.70

(A) Continuous lateral bracing equally spaced on member. Or 1x4 "I" brace. 80% length of web member. Same species & SRB grade or better, attached with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" OC.

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

The overall height of this truss excluding overhang is 9-6-5.

NOTE: THIS DESIGN IS NOT TO BE USED AS A ROOF TRUSS.
IT IS ONLY TO BE USED AS A ROOF HIP FRAME.
SEE DETAIL HIPFRAME0109 FOR MORE INFORMATION.



Note: All Plates Are 2X4 Except As Shown.

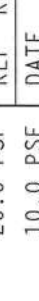
Design Crit: FBC07HVHZRes/TPI-2002 (STD)

PLT TYP. Wave

9.01.00

QTY:1 FL/-/5/-/-/R/-

Scale = .25"/Ft.



ALPINE

ntw Building Components Group Inc.
 Haimes City, FL 33844
 FL COA #0 278

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLATION AND BRACING. ALL BUILDING COMPONENTS SHALL BE INSTALLED AND BRACED BY THE TRUSS MANUFACTURER OR ITS AUTHORIZED REPRESENTATIVE. NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND MTCA TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53219 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE ACTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

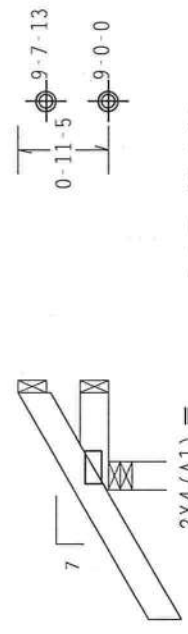
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE FOLLOWING INFORMATION IS FOR THE DESIGNER'S USE ONLY. CONFORM WITH APPLICABLE PROVISIONS OF THE NATIONAL DESIGN SPEC. BY AERPA) AND TPI. ITW BCG CONNECTION PLATES ARE MADE OF 2024/18/16GA (40 HUS)/XV ASTM A563 GRADE 40/60 (40, 4X1/55) GALV. STEEL APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED AS OF THIS DESIGN, POSITION PER DRAWINGS LG04-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNOT AS OF TPI-2002 SEC.3. A SEAL OR THIS 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 ANSI/TPI 1 SEC. 2.



REF	R215--	22178	TC LL	20.0	PSF
DATE	07/15/09		TC DL	10.0	PSF
DRW	HCUSR215	09196092	BC DL	10.0	PSF
	HC-ENG	WHK/WHK	BC LL	0.0	PSF
SEQN-	211378		TOT.LD.	40.0	PSF
FROM	CDM		DUR.FAC.	1.25	
JREF-	1TTD215_Z04		SPACING	24.0"	

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
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, 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.
The overall height of this truss excluding overhang is 0-11-5.

R=-34 Rw=33 U=45



R=9 Rw=17 U=16

L=1-4-0

1-0-0 0vdr030Supports
R=203 U=72 W=3.5"
RL=45/-34

Design Crit: FBC07HVHZRes/TPI-2002(STD)
FT/RT=20%(0%)/0(0)

Scale = .5" / Ft.

QTY: 4

9.01.00

FL / - / 5 / - / - / R / -

TC LL

TC DL

BC DL

BC LL

TOT.LD.

DUR.FAC.

SPACING

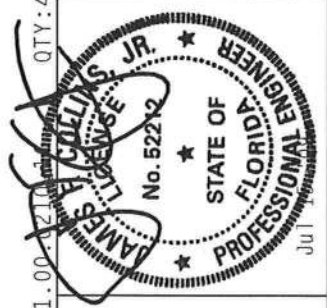
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DATE	07/15/09	
DRW	HCUSR215 09196048	
HC-ENG	KD/AP	
SEQN	211301	
FROM	LRB	
JREF	1TTD215_Z04	

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 210 W. 10TH AVE., SUITE 100, MINNEAPOLIS, MN 55401-1000, 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. 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.

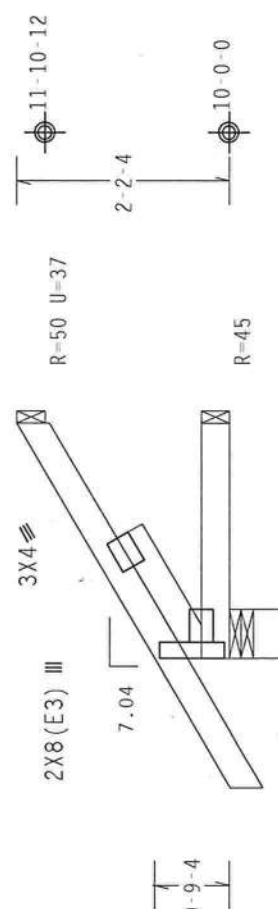
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HUD (NATIONAL DESIGN SPEC, BY AFAPA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/166A (4-H/SS/K) ASTM A653 GRADE 40/60 (4, K/H-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 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. SOLELY FOR THE TRUSS COMPONENT MANUFACTURER'S USE. THIS SEAL IS THE PROPERTY OF ITW BUILDING COMPONENTS GROUP INC. 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 COA #0278



(6282- /ROSSIN /EDGELY CONSTRUCTION -- , ** - J2)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
:Lt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.500'
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, 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.
The overall height of this truss excluding overhang is 2-2-4.



←1-4-0→
2-5-0 Over 3 Supports
R=199 U=40 W=6"
RL=74/-41

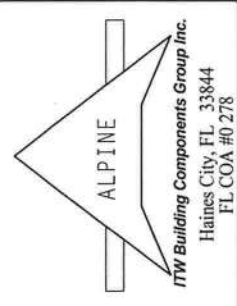
Design Crit: FBC07HVHZRes/TPI-2002(STD)
FT/RT=20%(0%)/0(0)

Scale = .5" / Ft.

PLT TYP. Wave	 ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0 278		Design Crit: FBC07HVHZRes/TPI-2002 (STU)		FT/RT=20%(0%)/0(0)		9.01.00				QTY: 6		FL / - / 5 / - / - / R / -		Scale = .5" / Ft.	
			WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RES1 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND MICA (MIGROD 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 TURNISH 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.													
			DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC., BY AISC) AND TPI. ITW BCG TRUSSES ARE AVAILABLE IN STEEL OR ALUMINUM. TRUSSES ARE AVAILABLE IN 17' OR 20' DEPTHS. TRUS													

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THE TRUSS CONTRACTOR SHALL BE RESPONSIBLE FOR THE TRUSS IN CONFORMANCE WITH THE TPI. OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AF&PA) AND TPI. 1TH BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (4-H/55/S) ASTM A653 GRADE 40/60 (4, 8/H-55) 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. 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.

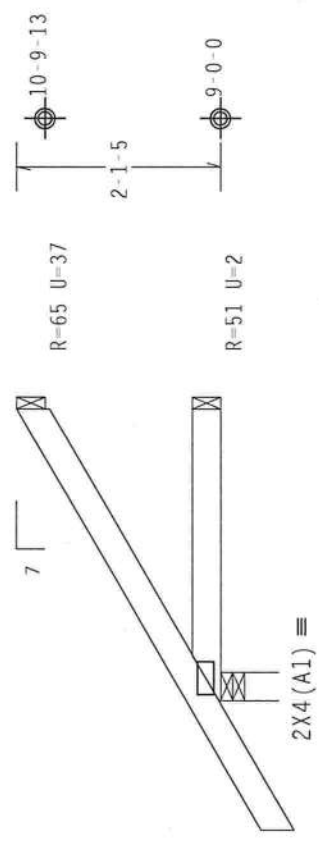
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. 1TH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AF&PA) AND TPI. 1TH BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (4-H/55/S) ASTM A653 GRADE 40/60 (4, 8/H-55) 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. 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.



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 MWFRS pressures.

The overall height of this truss excluding overhang is 2-1-5.



1-4-0

3-0-0 over 3 Supports

R=229 U=52 W=3.5"
RL=85/-43

Design Crit: FBC07HVHZRes/TPI-2002 (STD)
 $FT/RT=20\%(0\%)/0(0)$ 9

QTY:4 FL/-/5/-/-/R/- Scale =.5"/Ft.

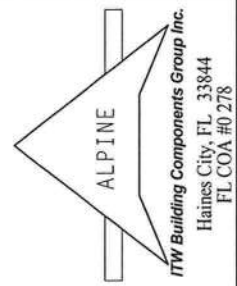
TC LL	20.0	PSF	REF	R215 -	22182
TC DL	10.0	PSF	DATE	07/15/09	
BC DL	10.0	PSF	DRW	HCUSR215	09196047
BC LL	0.0	PSF	HC-ENG	WHK/WHK	*
TOT.LD.	40.0	PSF	SEQN -	211302	
DUR.FAC.	1.25		FROM	LRB	
SPACING	24.0"		JREF -	1TTD215_Z04	



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI JOINTLY DEVELOPED COMPONENT SAFETY INFORMATION, PUBLISHED BY THE CELESTUS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314, AND WICA TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, RADFORD, MI 48751 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 CILLING.

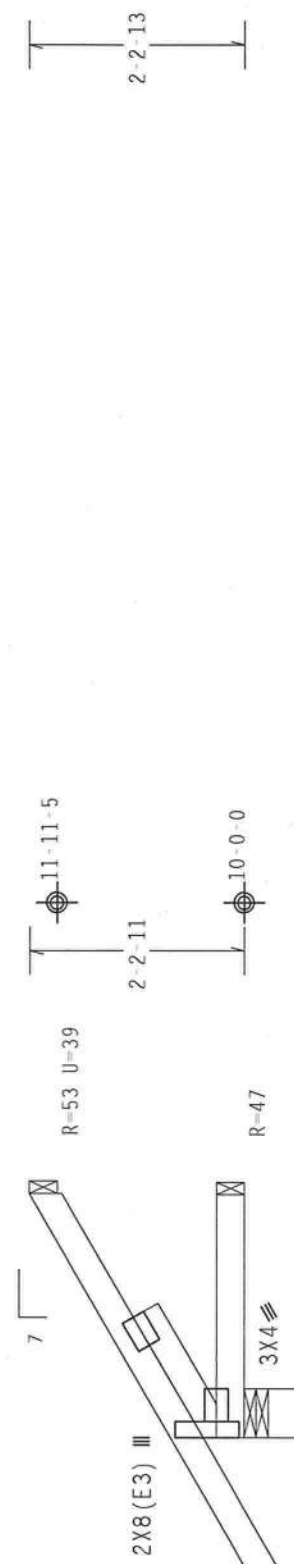
****IMPORTANT****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITU BEG., INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THIS DESIGN WILL BE AT THE USER'S RISK. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE JURISDICTIONS.

DESIGN INFORMATION WITH REGARD TO THE PROVISION OF NON-FLAMMATORY DESIGN SPEC BY ARDAP AND TPI. ITU BEG CONNECTOR PLATES ARE MADE OF 20X10X1/8 (W/TWIST) ASTM A563 GRADE 40/60 (F./Y.) GALV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. IF ANY INSPECTION OF PLATES FOLLOWED BY C) SHALL BE PER ANR A3 OF TP11-2002 SEC.3. A SEAL ON THIS 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 ANSI/PTP 1 ETC. 2.



(6282 - /ROSSIN /EDGELY CONSTRUCTION -- ** - J3B)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
:Lt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.500'
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, 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 MWFRS pressures.
The overall height of this truss excluding overhang is 2-2-13.



1-4-0 2-6-0
2-6-3 Over 3 Supports
R=202 U=41 W=6"
RL=76/-41

Design Crit: FBC07HVHZres/TPI-2002 (STD)

PLT TYP. Wave

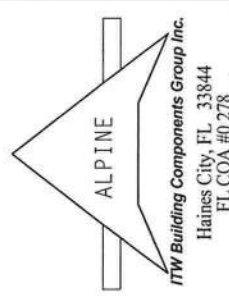
PLT TYP. Wave		QTY: 2	FL / - / 5 / - / - / R / -	Scale = .5" / Ft.
REF		TC LL	20.0 PSF	REF R215 - - 22183
DATE		TC DL	10.0 PSF	DATE 07/15/09
DRW		BC DL	10.0 PSF	DRW HCUSR215 09196106
HC-ENG WHK / WHK		BC LL	0.0 PSF	HC-ENG WHK / WHK *
SEQN -		TOT.LD.	40.0 PSF	SEQN - 211333
FROM LRB		DUR.FAC.	1.25	FROM LRB
JREF -		SPACING	24.0"	JREF - 1TTD215_Z04



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY TPI, 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304 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 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.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/P&A) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2018/1666 (40-40/55/8) ASTM A653 GRADE 40/60 (N. K7H-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 AIA/P&A 3 OF TPI-2002 SEC.3. A SEAL ON THIS DESIGN SHOWN INDICATES THE DESIGNER'S ACCEPTANCE OF THE DESIGN. THE DESIGNER'S ACCEPTANCE OF THE DESIGN SHOWN INDICATES THE DESIGNER'S ACCEPTANCE OF THE DESIGN. THE DESIGNER'S ACCEPTANCE OF THE DESIGN SHOWN INDICATES THE DESIGNER'S ACCEPTANCE OF THE DESIGN.



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. $I_w=1.00$ GCPI(+/-)=0.18

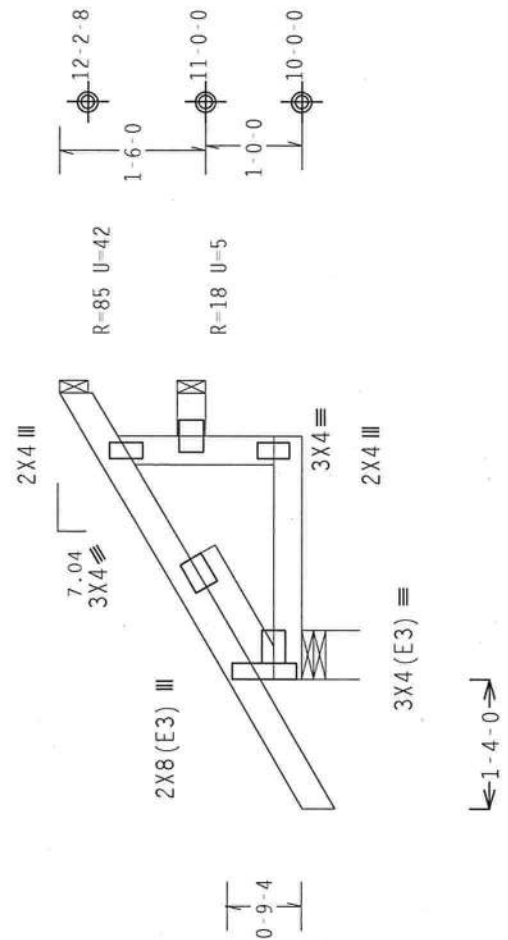
Wind reactions based on MWFRS pressures.

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

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
: Lt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.500'

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

The overall height of this truss excluding overhang is 2-6-0.



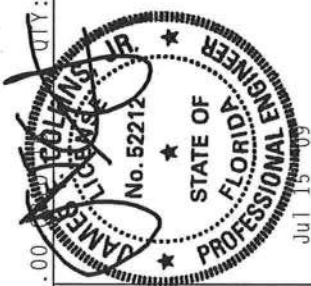
2-11-6 2-6-0
3 Support 5.6

R=216 U=41 W=6"
RL=85/-44

Design Crit: FBC07HVHZRes/TPI-2002(STD)
FT/RT=20%(0%)/0(0) 9

Scale = .5"/Ft.

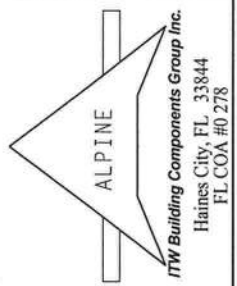
TC LL	20.0	PSF	REF R215-- 22184
TC DL	10.0	PSF	DATE 07/15/09
BC DL	10.0	PSF	DRW HCUR215 09196124
BC LL	0.0	PSF	HC-ENG JB/AP *
TOT.LD.	40.0	PSF	SEQN- 212460
DUR.FAC.	1.25		FROM LRB
SPACING	24.0"		JREF- ITTD215_Z04



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BECS (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 48219), 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 STRINGING.

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

CORRECTOR PLATES ARE MADE OF 2010/1060 (H/455/61) WITH A553 GRADE 40/60 (A/ 42/45/55) GALV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON DESIGN, POSITION PER DRAWINGS 150A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMB A3 OF TP11-2002 SEC.3. A SEAL ON THIS 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 AMB A3/TP1 1 SEC. 2.

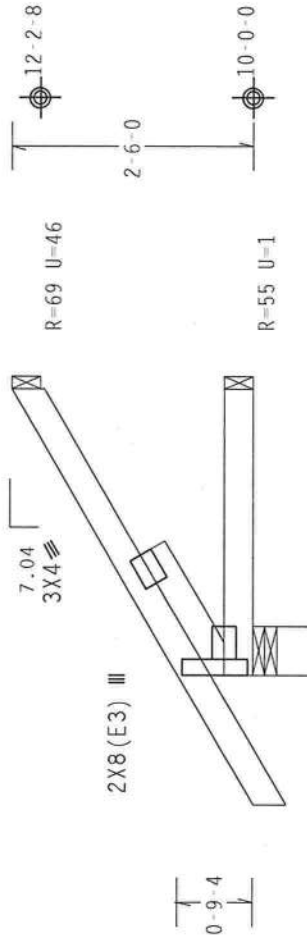


110 mph wind, 15.00 ft mean ht., ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi (+/-)=0.18

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 2-6-0.

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
:L: Slider 2x4 SP #2 N: BLOCK LENGTH = 1.500'
Bottom chord checked for 10.00 psf non-concurrent live load.
Deflection meets L/240 live and L/180 total load


$$3 \times 4 (E3) =$$

1-4-01

2-11-6 over 11-3 Supports

R=216 U=41 W=6"

RL=85/-44

Design Crit: FBC07HVHZRes/TPI-2002(STD)
FT/RT=20%(0%)/0(0)

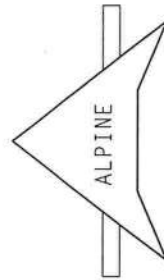
PLT TYP. Wave

~~00~~ OTY:4 FI/-/5/-/R/-

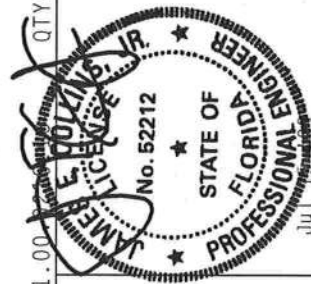
Scale = 5"/Ft.

****WARNING**** THOSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST AVAILABLE COMPILING INFORMATION, PUBLISHED BY THE PROTECTIVE PLATE INSTITUTE, 2100 WATER STREET, NEW YORK, NY 10037-6899, FOR ADDITIONAL INFORMATION. CONTACT THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS, LANE HALL BUILDING, ROOM 3C, 1801 EIGHTH AVENUE, PITTSBURGH, PA 15222-3313, FOR MORE INFORMATION. THE FOLLOWING INFORMATION IS PROVIDED FOR YOUR INFORMATION ONLY. IT IS NOT A CONTRACT. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AUTHORITIES. THE USER SHALL BE RESPONSIBLE FOR ENSURING THAT THE STRUCTURE IS DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE APPLICABLE CODES AND STANDARDS. THE USER SHALL BE RESPONSIBLE FOR MAINTAINING THE STRUCTURE IN GOOD CONDITION AT ALL TIMES.

*****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 DESIGN, MANUFACTURING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ITW BCG SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO THE TRUSS OR TO THE BUILDING DUE TO ANY KINKS OR GALV. STEEL APPLICATIONS. CONNECTOR PLATES ARE MADE OF 2010/16GA/IN/US/SP/15M A653 GRADE 40. IN KANSAS GALV. STEEL APPLIES TO PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE NOTED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANSI X3 OF 1911-2002 SEC.3, A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY 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.



ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278



三

JREF- 1TTD215 Z04

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
:Lt Slider 2x4 SP #2 N

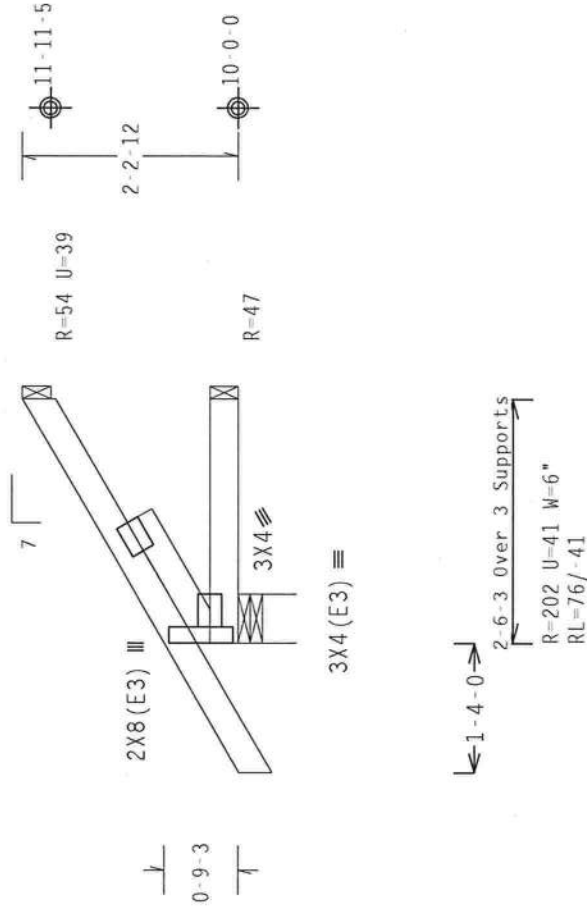
110 mph wind, 15.00 ft mean hot, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi (+/-)=0.18

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

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 2-2-13.

Design Crit: FBC07HVHZRes/TPI-2002 (STD)
FT/RT=20%(0%)/0(0)

PLT TYP: Wave

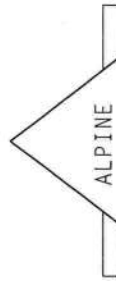
.00

UITY: 4

FL/-/5/-/-/R/-/

Scale = .5" / Ft.

TC LL	20.0 PSF	REF R215 - 22186
TC DL	10.0 PSF	DATE 07/15/09
BC DL	10.0 PSF	DRW HCURSR215 09196062
BC LL	0.0 PSF	HC-ENG WHK/WHK *
TOT.LD.	40.0 PSF	SEQN - 211326
DUR.FAC.	1.25	FROM LRB
SPACING	24.0"	JREF - 1TTD215_Z04



ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

****WARNING:** THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. PROPER USE OF THE THUSSES REQUIRES THAT YOU CONTACT AN EXPERIENCED TRUSS MANUFACTURER OR TRUSS DESIGNER FOR A COMPLETE SET OF TRUSS AND CONNECTION DETAILS. THE TRUSS COMPANY HAS OFFICES IN THE FOLLOWING LOCATIONS:**

NORTH LEE STREET, SUITE 312, LANDAMERICA PARK 2211
ENTERPRISE LANE, MADISON, MI 48279

OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE 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.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIAA) AND TPI. CONNECTOR PLATES ARE MADE OF 20/18/10GAL CH-15/15/15 GALV. STEEL. 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 AMBIX 43 OF TPI-2002 SEC. 3.2. 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 DESIGNER PER AMBIX/TPI 1 SEC. 2.

Jul 13

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
:Lt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.500'

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

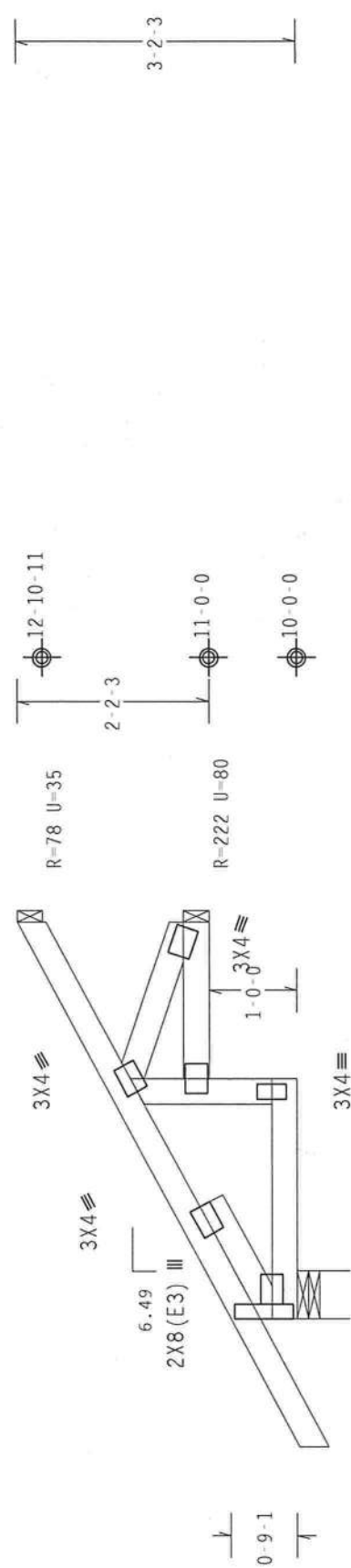
Wind reactions based on MWFRS pressures.

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 60 PLF at 1.45 to 60 PLF at 4.49
BC - From 20 PLF at 0.00 to 20 PLF at 2.71
BC - From 20 PLF at 2.71 to 20 PLF at 4.49
TC - 103 LB Conc. Load at 2.73
BC - 99 LB Conc. Load at 2.73

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

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



1-5-6

2-8-9
4-5-14 Over 3 Supports
R-348 U=145 W=6.513

Design Crit: FBC07HVHZRes/TPI-2002 (STD)
FT/RT=20%(0)/0(0)

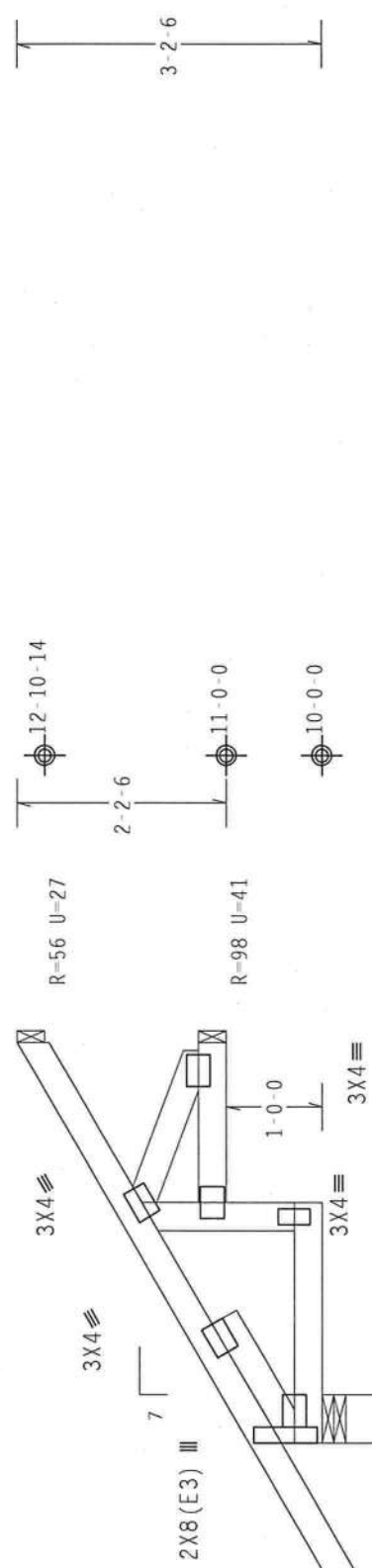
PLT TYP. Wave

Scale = .5"/Ft.

	QTY: 2		FL / - / 5 / - / - / R / -		REF R215 - - 22187	
	TC LL		20.0 PSF		DATE 07/15/09	
	TC DL		10.0 PSF		DRW HCUSR215 09196087	
	BC DL		10.0 PSF		HC-ENG WHK/WHK	
	BC LL		0.0 PSF		SEQN - 211369	
	TOT.LD.		40.0 PSF		FROM LRB	
DUR.FAC. 1.25			SPACING 24.0"			JREF - 1TTD215_Z04

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
:Lt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.500'
Bottom chord checked for 10.00 psf non-concurrent live load.
The overall height of this truss excluding overhang is 3-2-6.

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



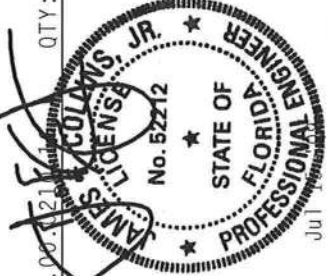
1-4-0

2-6-0
4-2-0 Over 3 Supports
R=259 U=45 W=6
RL=109/-49

Design Crit: FBC07HVHZres/TPI-2002(STD)
FT/RT=20%(0)/0(0)

PLT TYP. Wave

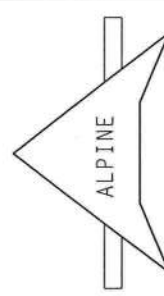
QTY:1 FL/-/5/-/-/R/- Scale = .5"/Ft.

	TC LL	20.0 PSF	REF	R215--	22188
	TC DL	10.0 PSF	DATE	07/15/09	
	BC DL	10.0 PSF	DRW	HCUSR215	09196078
	BC LL	0.0 PSF	HC-ENG	WHK/WHK	*
	TOT.LD.	40.0 PSF	SEQN-	211334	
	DUR.FAC.	1.25	FROM	LRB	
	SPACING	24.0"	JREF-	1TTD215_Z04	

****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, 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 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.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2018/106GA (40/55/5) ASTM A653 GRADE 40/60 (40/55) 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 PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGNER'S LIABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



ALPINE



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

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
:Lt Slider 2x4 SP #2 N

: Lt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.500'

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. $I_w=1.00$ GCpi (+/-)=0.18

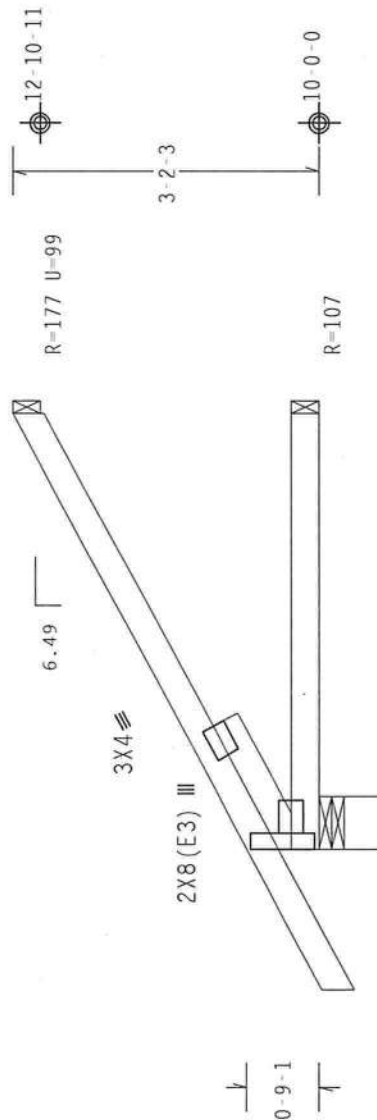
Wind reactions based on MWERS pressures.

SPECIAL LOADS

	LUMBER DUR.FAC. -1.25 / PLATE DUR.FAC. -1.25	
TC - From	60 PLF at -1.45 to	60 PLF at 4.49
BC - From	20 PLF at 0.00 to	20 PLF at 4.49
TC -	104 LB Conc. Load at	2.73
BC -	93 LB Conc. Load at	2.73

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

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



1-5-6

4-5-14
4-5-14 Over 3 Supports
R=357 U=134 W=6.513"

Design Crit: FBC07HVHZRes/TPI-2002(STD)
FT/RT=20%(0%)/0(0)

PLT TYP. Wave

Scale = .5"/Ft.

FL/-/5/-/-/R/-/

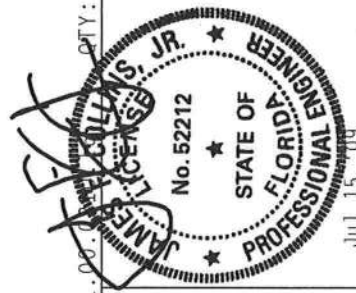
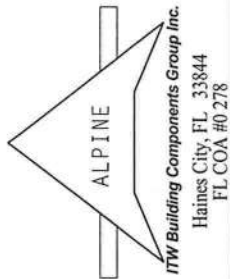
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DECI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IP1 (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND AICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 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 PROPERLY ATTACHED RIGID CHAILL.

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

CONTRACTORS MUST COMPLY WITH ALL LOCAL, STATE AND FEDERAL REQUIREMENTS OF AIRS (NATIONALS CODE), AND TP-1. ITEM BCG PROVIDES INFORMATION WITH APPLICATION TO THE FOLLOWING TYPES OF TRUSSES: STEEL, GALVALUM, STEEL/GALVALUM 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 A OF 17P1-2002 SEC. 3. A SEAL OR THIS 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 ANNEX A/17P1 1 SEC. 2.



Jul 15 09

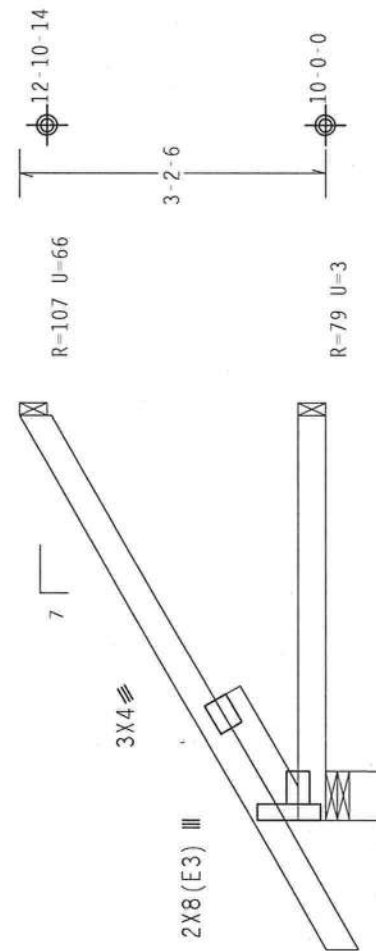
REF- 1TTD215 Z04

SPACING 24.0"

Jul 15 09

(6282--/ROSSIN /EDGEY CONSTRUCTION -- , ** - J4C)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
:lt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.500'
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, 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 MWFRS pressures.
The overall height of this truss excluding overhang is 3-2-6.



1-4-0
4-2-0 Over 3 Supports
R=259 U=46 W=6"
RL=109/-49

Design Crit: FBC07HVHZRes/TPI-2002 (STD)
FT/RT=20%(0%/0/0)

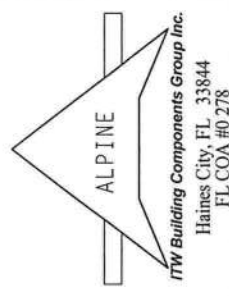
PLT TYP. Wave QTY: 2 FL/-/5/-/-/R/- Scale =.5"/Ft.

Top chord 2x4 SP #2 N Bot chord 2x4 SP #2 N :lt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.500' 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, 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 MWFRS pressures. The overall height of this truss excluding overhang is 3-2-6.	
Top chord 2x4 SP #2 N Bot chord 2x4 SP #2 N :lt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.500' Bottom chord checked for 10.00 psf non-concurrent live load. Deflection meets L/240 live and L/180 total load.		TC LL	20.0 PSF
Top chord 2x4 SP #2 N Bot chord 2x4 SP #2 N :lt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.500' Bottom chord checked for 10.00 psf non-concurrent live load. Deflection meets L/240 live and L/180 total load.		TC DL	10.0 PSF
Top chord 2x4 SP #2 N Bot chord 2x4 SP #2 N :lt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.500' Bottom chord checked for 10.00 psf non-concurrent live load. Deflection meets L/240 live and L/180 total load.		BC DL	10.0 PSF
Top chord 2x4 SP #2 N Bot chord 2x4 SP #2 N :lt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.500' Bottom chord checked for 10.00 psf non-concurrent live load. Deflection meets L/240 live and L/180 total load.		BC LL	0.0 PSF
Top chord 2x4 SP #2 N Bot chord 2x4 SP #2 N :lt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.500' Bottom chord checked for 10.00 psf non-concurrent live load. Deflection meets L/240 live and L/180 total load.		TOT.LD.	40.0 PSF
Top chord 2x4 SP #2 N Bot chord 2x4 SP #2 N :lt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.500' Bottom chord checked for 10.00 psf non-concurrent live load. Deflection meets L/240 live and L/180 total load.		DUR.FAC.	1.25
Top chord 2x4 SP #2 N Bot chord 2x4 SP #2 N :lt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.500' Bottom chord checked for 10.00 psf non-concurrent live load. Deflection meets L/240 live and L/180 total load.		SPACING	24.0"
Top chord 2x4 SP #2 N Bot chord 2x4 SP #2 N :lt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.500' Bottom chord checked for 10.00 psf non-concurrent live load. Deflection meets L/240 live and L/180 total load.		REF	R215-- 22190
Top chord 2x4 SP #2 N Bot chord 2x4 SP #2 N :lt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.500' Bottom chord checked for 10.00 psf non-concurrent live load. Deflection meets L/240 live and L/180 total load.		DATE	07/15/09
Top chord 2x4 SP #2 N Bot chord 2x4 SP #2 N :lt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.500' Bottom chord checked for 10.00 psf non-concurrent live load. Deflection meets L/240 live and L/180 total load.		DRW	HCUSR215 09196063
Top chord 2x4 SP #2 N Bot chord 2x4 SP #2 N :lt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.500' Bottom chord checked for 10.00 psf non-concurrent live load. Deflection meets L/240 live and L/180 total load.		HC-ENG	WHK/WHK
Top chord 2x4 SP #2 N Bot chord 2x4 SP #2 N :lt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.500' Bottom chord checked for 10.00 psf non-concurrent live load. Deflection meets L/240 live and L/180 total load.		SEQN-	211327
Top chord 2x4 SP #2 N Bot chord 2x4 SP #2 N :lt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.500' Bottom chord checked for 10.00 psf non-concurrent live load. Deflection meets L/240 live and L/180 total load.		FROM	LRB
Top chord 2x4 SP #2 N Bot chord 2x4 SP #2 N :lt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.500' Bottom chord checked for 10.00 psf non-concurrent live load. Deflection meets L/240 live and L/180 total load.		JREF-	1TTD215_Z04

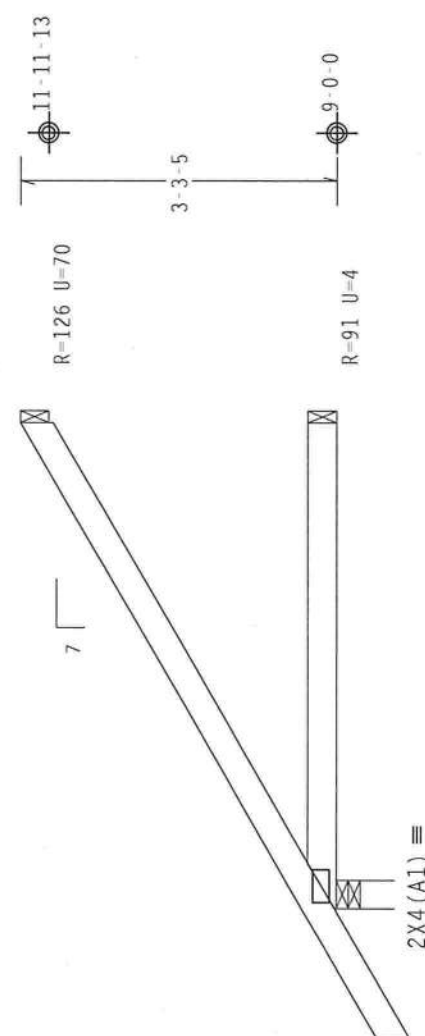


****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AFAPA) AND TPI. 1TW BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (M-8/552K) ASTM A653 GRADE 40/60 (M- 8/11-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A.2. AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) DESIGN SHOWN. DESIGNER SHALL BE RESPONSIBLE FOR THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. 1TW 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. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AFAPA) AND TPI. 1TW BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (M-8/552K) ASTM A653 GRADE 40/60 (M- 8/11-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A.2. AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) DESIGN SHOWN. DESIGNER SHALL BE RESPONSIBLE FOR THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
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. $I_w=1.00$ GCpi (+/-)=0.18
Wind reactions based on MWFRS pressures.
The overall height of this truss excluding overhang is 3-3-5.



1-4-0

5-0-0 Over 3 Supports
R=299 U=57 W=3.5"
RL=125/-53

Design Crit: FBC07HVHZRes/TPI-2002(STD)
FT/RT=20%(0%)/0(0)

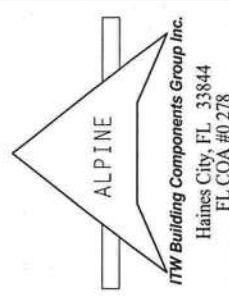
PLT TYP. Wave	QTY: 4	FL/-/5/-/-/R/-	Scale = .5"/Ft.
TC LL	20.0	PSF	REF R215-- 22191
TC DL	10.0	PSF	DATE 07/15/09
BC DL	10.0	PSF	DRW HCUSR215 09196045
BC LL	0.0	PSF	HC-ENG WHK/WHK
TOT.LD.	40.0	PSF	SEQN- 211303
DUR.FAC.	1.25		FROM LRB
SPACING	24.0"		JREF- 1TTD215_Z04



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI BUILDING COMPONENTS SAFETY MANUAL, PART 1, CHAPTER 1, SECTION 1.1, FOR A COMPLETE LIST OF REFERENCES. NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304, 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 CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM 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.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC., BY AISC/AIA) AND TPI. ITM BCG CONNECTOR PLATES ARE MADE OF 2018/1666 (A1/SS/A) ASTM A553 GRADE 40/60 (M, K/H-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED IN THIS DESIGN, POSITION PER DRAWINGS 100A-Z. ADVISORS TO EACH OF PLATES FOLLOWED BY (1) SHALL BE PERMITTED AS OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES THE DESIGNER'S RESPONSIBILITY FOR THE TRUSS COMPONENTS. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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

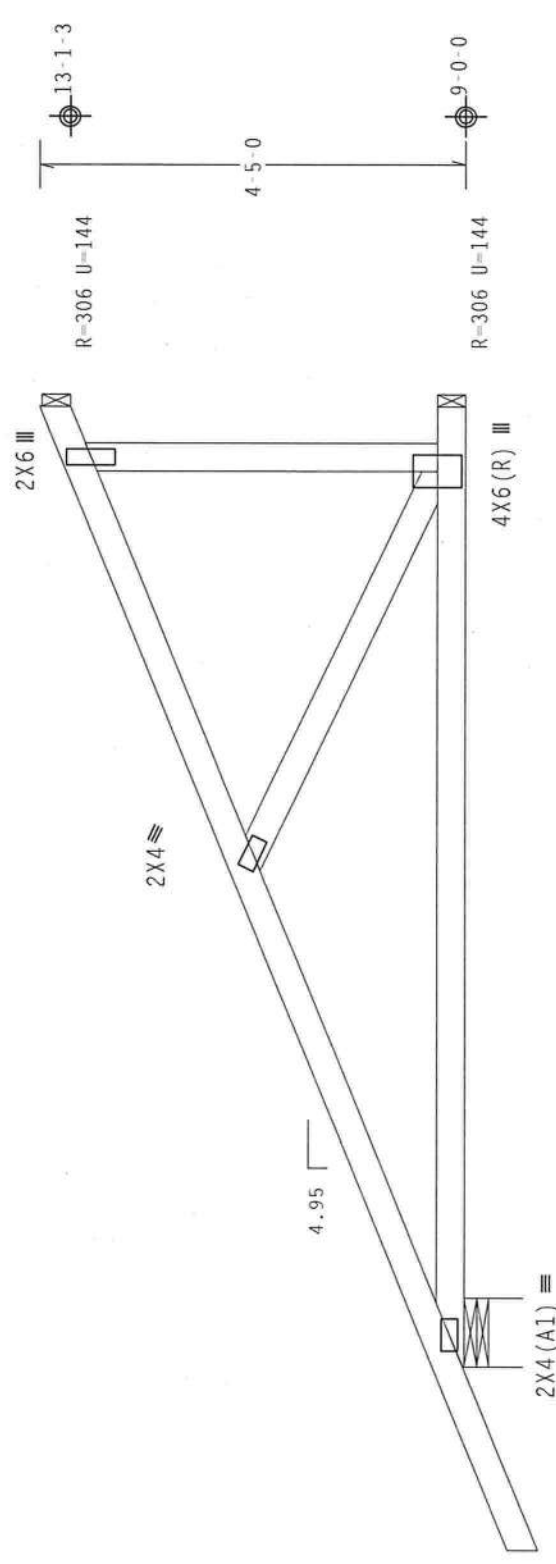
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind IC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 G_{CPI}(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

The overall height of this truss excluding overhang is 4'-5"-0."

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



← 1-10-10 →

9-10-13 Over 3 Supports

R=400 U=124 W=8.485"

PLT TYP. Wave

Design Crit: FBC07HVHZRes/TPI-2002 (STD)
FT/RT=20%(0)/0(0)

QTY: 5

Scale = .5"/Ft.

REF	DATE	DRW	HCUR	HCUR	HCUR	HCUR	HCUR	HCUR	HCUR
R215--	22192	07/15/09	09196109	09196109	09196109	09196109	09196109	09196109	09196109
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	SEE ABOVE	FROM	LRB	JREF	1TTD215_Z04		

ALPINE

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

Professional Engineer
No. 52212
STATE OF FLORIDA
JUL 13 2009

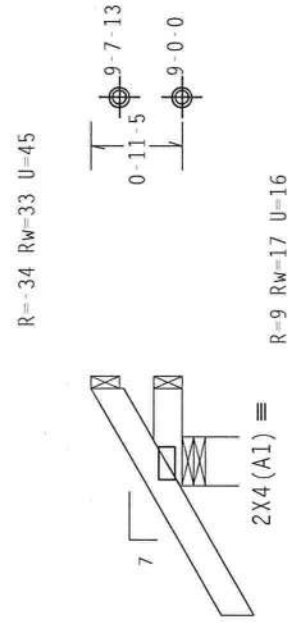
WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RCSI (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND WICA (WOOD TRUSS COUNCIL OF AMERICA), 6300 ENTERPRISE 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 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. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/ASA) AND TPI. ITW BCG CONNECTION PLATES ARE MADE OF 2018/1666 (AL/SS/2) ALUMINUM 6063 GRADE 40/60 (N. 7/11-SS) GALV. STEEL. APPLY ANY INSPECTION OF PLATES. ITW BCG SHALL BE RESPONSIBLE FOR THE DESIGN, POSITION PER DRAWINGS 100A-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 ANSI/TPI 1 SEC. 2.

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 MWFRS pressures.

The overall height of this truss excluding overhang is 0-11-5.

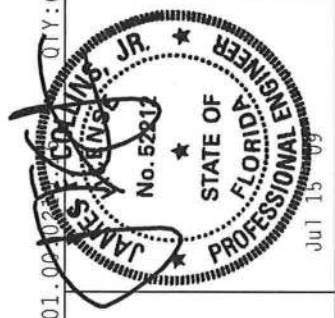


1-4-0 →
1-0-0 over 3 Supports
R=203 U=72 W=6"
RL=45/-34

Design Crit: FBC07HVHZRes/TPI-2002(STD)
FT/RT=20%(0%)/0(0) 9

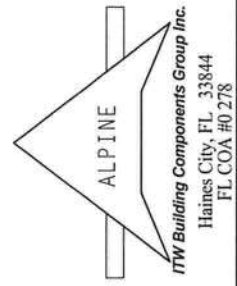
Scale = .5"/Ft.

TC LL	20.0 PSF	REF	R215 - 22193
TC DL	10.0 PSF	DATE	07/15/09
BC DL	10.0 PSF	DRW	HCUSR215 09196112
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	40.0 PSF	SEQN-	211304
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1T1D215_Z04



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THE FOLLOWING INFORMATION IS FOR THE USER'S SAFETY. PUBLISHED BY THE STEEL TRUSS PLATE COMPANY, 218 NORTH L STREET, WASHINGTON, DC 20006-1079. THE STEEL TRUSS PLATE COMPANY ASSUMES NO LIABILITY FOR ANY DAMAGE TO PERSONS OR PROPERTY CAUSED BY THE USE OF THIS PRODUCT. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND INSURANCE COVERAGE PRIOR TO THE START OF CONSTRUCTION. THE USER SHALL BE RESPONSIBLE FOR VERIFYING THAT THE TRUSS DESIGNER HAS PROVIDED ALL NECESSARY INFORMATION AND THAT THE TRUSS DESIGNER HAS PROVIDED ALL NECESSARY INFORMATION REGARDING THE TRUSS DESIGN. THE USER SHALL BE RESPONSIBLE FOR VERIFYING THAT THE TRUSS DESIGNER HAS PROVIDED ALL NECESSARY INFORMATION REGARDING THE TRUSS DESIGN. THE USER SHALL BE RESPONSIBLE FOR VERIFYING THAT THE TRUSS DESIGNER HAS PROVIDED ALL NECESSARY INFORMATION REGARDING THE TRUSS DESIGN.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW REG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO PERSONS OR PROPERTY CAUSED BY THE USE OF THIS PRODUCT. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND INSURANCE COVERAGE PRIOR TO THE START OF CONSTRUCTION. THE USER SHALL BE RESPONSIBLE FOR VERIFYING THAT THE TRUSS DESIGNER HAS PROVIDED ALL NECESSARY INFORMATION AND THAT THE TRUSS DESIGNER HAS PROVIDED ALL NECESSARY INFORMATION REGARDING THE TRUSS DESIGN. THE USER SHALL BE RESPONSIBLE FOR VERIFYING THAT THE TRUSS DESIGNER HAS PROVIDED ALL NECESSARY INFORMATION REGARDING THE TRUSS DESIGN.



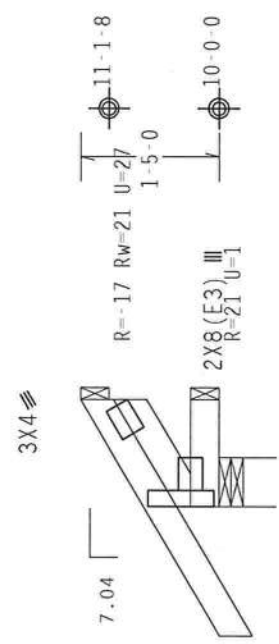
(6282- /ROSSIN /EDGELY CONSTRUCTION -- , ** - JIB)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
:Lt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.345'
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, 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

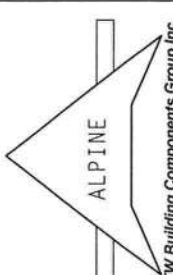
Wind reactions based on MWFRS pressures.

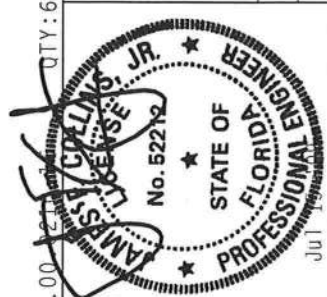
The overall height of this truss excluding overhang is 1-5-0.



1-4-0
1-1-3 Over 3 Supports
R=172 U=49 W=6
RL=48/-35

PLT TYP. Wave
Design Crit: FBC07HVHZRes/TPI-2002 (STD)
FT/RT=20%(0%)/0(0) 9.01.00 QTY:6 FL/-/5/-/-/R/- Scale =.5"/Ft.

 ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0 278	REF R215-- 22194		TC LL 20.0 PSF	 JUL 15 2009
	DATE 07/15/09		TC DL 10.0 PSF	
	DRW HCUSR215 09196060		BC DL 10.0 PSF	
	HC-ENG WHK/WHK		BC LL 0.0 PSF	
	SEQN- 211323		TOT.LD. 40.0 PSF	
	FROM LRB		DUR.FAC. 1.25	
JREF- 1TTD215_Z04			SPACING 24.0"	



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

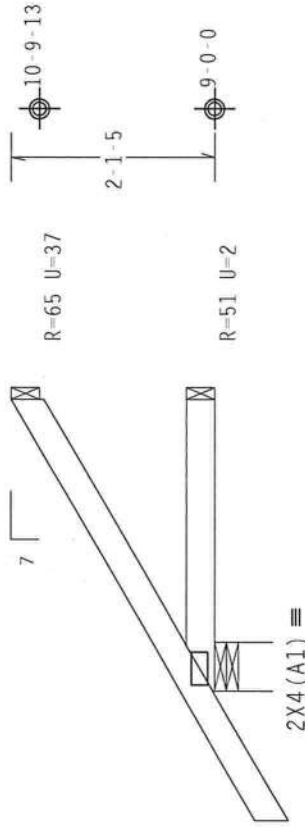
Bottom chord checked for 10.00 psf non-concurrent live load.

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

110 mph wind, 15.00 ft mean hat, 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 MWFRS pressures.

The overall height of this truss excluding overhang is 2-1-5.



7-4-07

$$\overleftrightarrow{3-0-0 \text{ over } 3 \text{ Supports}}$$

R=229 U=52 W=6"

RL=85/-43

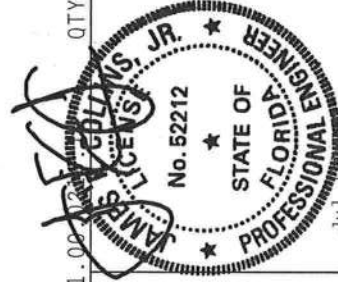
Design Crit: FBC07HVHZRes/TPI-2002 (STD)
FT/RT=20%(0%)/0(0)

PLT TYP. Wave

00-02-~~XXXXXX~~

Scale = .5"/Ft.

TC LL	20.0 PSF	REF	R215 - 22195
TC DL	10.0 PSF	DATE	07/15/09
BC DL	10.0 PSF	DRW	HCUSR215 09196111
BC LL	0.0 PSF	HC - ENG	WHK/WHK *
TOT.LD.	40.0 PSF	SEQN -	211305
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	REF -	1TTD215_Z04



Jul 13, 1964

••WARNING•• TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. ALL BEAMS, JOISTS, TRUSSES, AND BRACING MUST BE PROPERLY SAFETY INSURMENTED. PUBLISHED SAFETY CHARTS, CROSS PLATE INSTITUTE, 210 NORTH LEIPSTER, SUITE 500, 61527 DOWNS, ILL. 60130, MAY BE OBTAINED FROM THE CROSS PLATE INSTITUTE. THE FOLLOWING INFORMATION IS 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 BEG, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THIS OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

THIS CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC., 1989) OR FABRICATING, HANDLING, SHIPPING, INSTALLATION AND BRACING OF TRUSSES, 1971. CONNECTOR PLATES ARE MADE OF 2018T1/16GA (M/55SK) A513 GRADE 40/60 (N/KH-55) GALV. STEEL, APPLIED PLATES TO EACH FACE OF TRUSS AND, OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AISC 43 OF 1971-2002 SEC. 3.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUBMITTAL AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISC/1971 1 SEC. 2.



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

(6282- /ROSSIN /EDGELY CONSTRUCTION -- , ** - J5A)

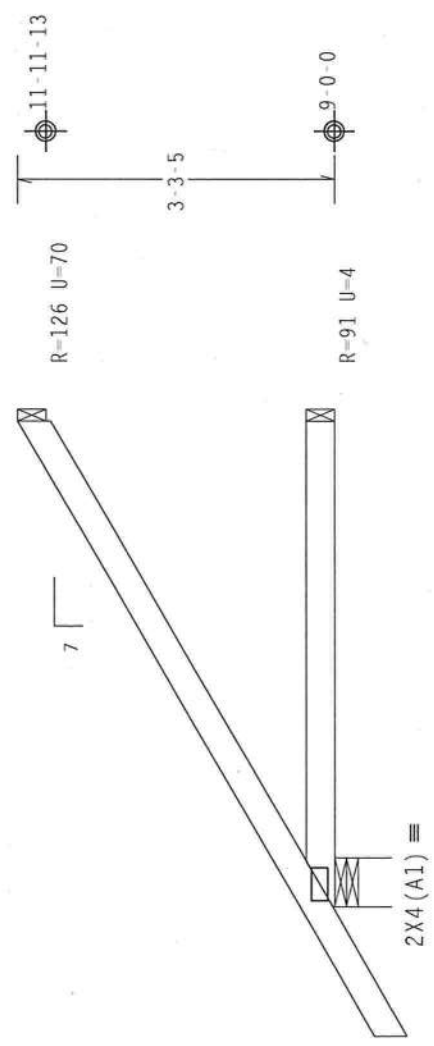
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

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. Iw=1.00 GCpi(+/-)-0.18

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 3-3-5.



1-4-0

5-0-0 Over 3 Supports

R=299 U=57 W=6"
RL=125/-53

Design Crit: FBC07HVHZRes/TPI-2002 (STD)
FT/RT=20%(0%)/0(0)

PLT TYP. Wave

QTY: 6

FL/-/5/-/-/R/-

Scale = .5"/Ft.

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"

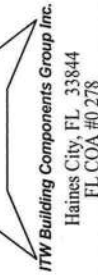
REF	R215- 22196
DATE	07/15/09
DRW	HCUSR215 09196101
HC-ENG	WHK/WHK
SEQN-	211306
FROM	LRB
JREF-	1TTD215_Z04

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RCSS (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 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 CEILING.

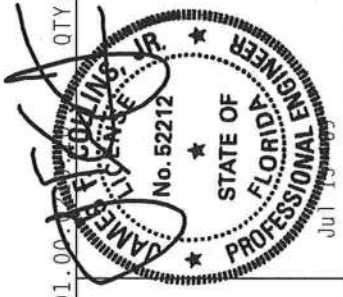
****IMPORTANT**** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ITW BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AF&PA) AND TPI. ITW BCG CONNECTION PLATES ARE MADE OF 20/18/16GA (N/A/SS/2K) ASTM A653 GRADE 40/60 (H, K/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-Z. DRAMATICALLY REDUCED PLATE THICKNESS (TPI 2006-03) SHALL BE USED FOR THE TRUSS COMPANY'S DESIGNER. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



ALPINE

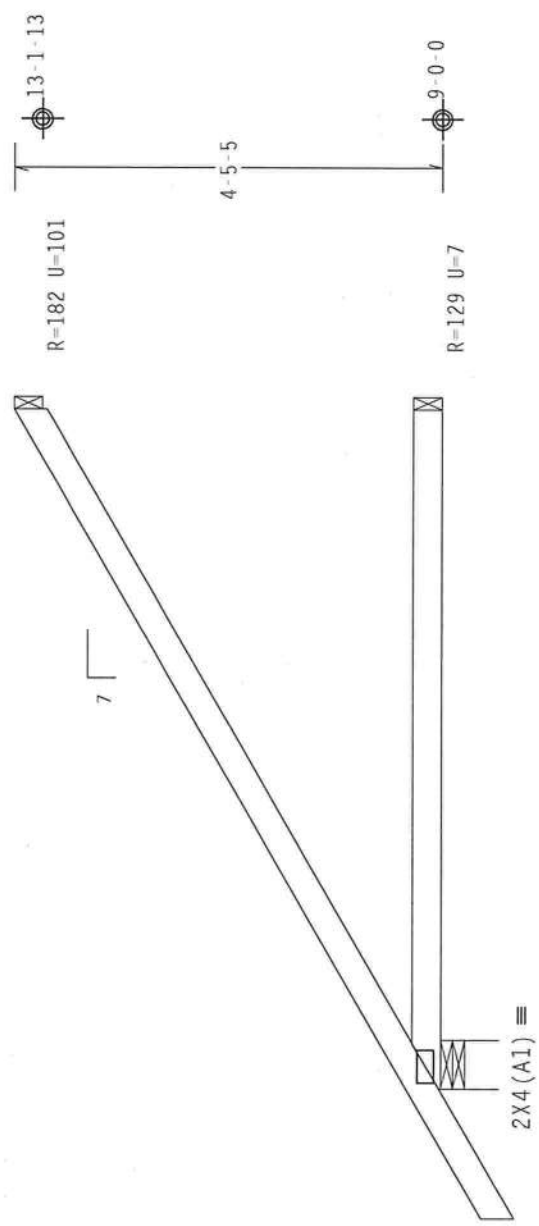


ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278



(6282- /ROSSIN /EDGELY CONSTRUCTION -- , ** - JEF)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Bottom chord checked for 10.00 psf non-concurrent live load.
Deflection meets L/240 live and L/180 total load.
MWFRS 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. Iw=1.00 GCpi(+/-)=0.18
Wind reactions based on MWFRS pressures.
The overall height of this truss excluding overhang is 4-5-5.



1-4-0

7-0-0 Over 3 Supports
R=375 U=64 W=6"
RL=165/-62

Design Crit: FBC07HVHZRes/TPI-2002 (STD)
FT/RT=20%(0)/0(0)

Scale = .5"/Ft.

PLT TYP. Wave

PLT TYP. Wave		QTY: 34		FL/-/5/-/R/-	Scale = .5"/Ft.
REF R215-- 22197		TC LL	20.0	PSF	
DATE 07/15/09		TC DL	10.0	PSF	
DRW HCUSR215 09196036		BC DL	10.0	PSF	
HC-ENG WHK/WHK		BC LL	0.0	PSF	
SEQN- 211310		TOT.LD.	40.0	PSF	
FROM LRB		DUR.FAC.	1.25		
JREF- 1TTD215_Z04		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, 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304) 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 CEILING.

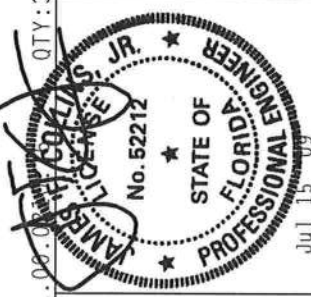
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AERPA) AND TPI. ITM BCG CONNECTOR PLATES ARE MADE OF 2018/1666 (4-1/2SS/A) ASTM A653 GRADE 40/60 (N, K/H-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. (1) SHALL PERFORM AS OF 1/11/2002 SEC.3. (2) SHALL PERFORM AS OF 1/11/2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF THE DESIGN FOR THE TRUSS COMPONENT FOR THE DESIGNER'S USE. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



ALPINE

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



CLB WEB BRACE SUBSTITUTION

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.

NOTES:

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	T OR L-BRACE	ALTERNATIVE BRACING	SCAB BRACE
2X3 OR 2X4	1 ROW	2X4	1-2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4	2-2X4
2X6	1 ROW	2X4	1-2X6	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)	2-2X4(*)
2X8	1 ROW	2X6	1-2X8	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)	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.

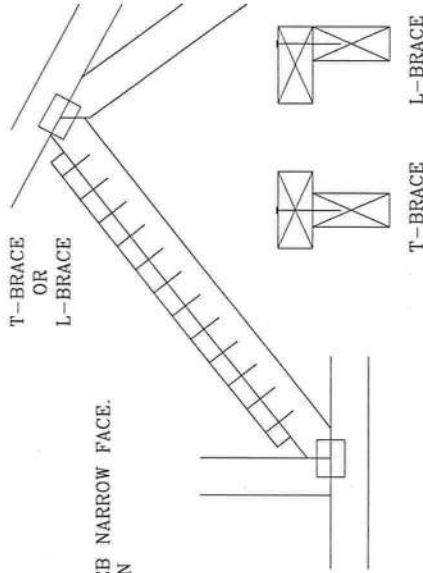
T-BRACING

OR

L-BRACING:

APPLY TO EITHER SIDE OF WEB NARROW FACE. ATTACH WITH 10d BOX OR GUN (0.128" x 3" MIN) NAILS. AT 6" O.C.

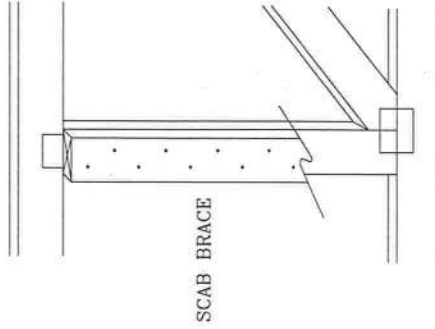
BRACE IS A MINIMUM 80% OF WEB MEMBER LENGTH



SCAB BRACING:

APPLY SCAB(S) TO WIDE FACE OF WEB. NO MORE THAN (1) SCAB PER FACE. ATTACH WITH 10d BOX OR GUN (0.128" x 3" MIN) NAILS. AT 6" O.C.

BRACE IS A MINIMUM 80% OF WEB MEMBER LENGTH



Building Components Group Inc.

Earth City, MO 63045

****WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET**
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to any follow IBCS (Building Component Safety Information, by TPI and WTCA) for safety practices prior to performing any work. Trusses are designed and manufactured in accordance with the American Institute of Steel Construction, Inc. (AISC) Specification for Structural Steel Buildings, 13th Edition, 2005. Trusses shall have properly attached structural panels and bottom chord shall have a member attached to ceiling. Localions shown for permanent lateral restraint of webs shall have bracing installed per IBCS sections B3 & B7. See this job's general notes page for more information.

****IMPORTANT** FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR.**
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design. Trusses shall be installed in accordance with the ITWBCG Truss Installation Manual. Trusses shall be braced of trusses. ITWBCG connector plates are made of 20/18/16GA (W/H/S/K) ASTM A553 grade 37/40/60 (K/W/H/S) galv. steel. Apply plates to each face of truss, positioned as shown above and on Joint Details (K/W/H/S) galv. steel. A seal on this drawing or cover page indicates acceptance and 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-BCG: www.itwbcg.com; TPI: www.tpi.com; WTCA: www.wtcaindustry.com; IBC: www.ibcsafe.org

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.			
SPACING			



NAIL SPACING DETAIL

MINIMUM SPACING FOR SINGLE BLOCK IS SHOWN. DOUBLE NAIL SPACINGS AND STAGGER NAILING FOR TWO BLOCKS. GREATER SPACING MAY BE REQUIRED TO AVOID SPLITTING.

BLOCK LOCATION, SIZE, LENGTH, GRADE AND TOTAL NUMBER AND TYPE OF NAILS ARE TO BE SPECIFIED ON SEALED DESIGN REFERENCING THIS DETAIL.

LOAD PERPENDICULAR TO GRAIN

A - EDGE DISTANCE AND SPACING BETWEEN STAGGERED ROWS OF NAILS (6 NAIL DIAMETERS)

B - SPACING OF NAILS IN A ROW (12 NAIL DIAMETERS)

C - END DISTANCE (15 NAIL DIAMETERS)

LOAD PARALLEL TO GRAIN

A - EDGE DISTANCE (6 NAIL DIAMETERS)

C - SPACING OF NAILS IN A ROW AND END DISTANCE (15 NAIL DIAMETERS)

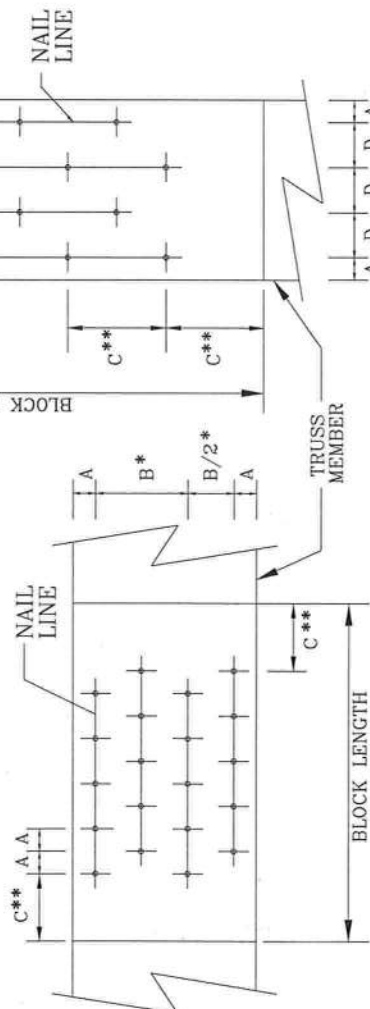
D - SPACING BETWEEN STAGGERED ROWS OF NAILS (7 1/2 NAIL DIAMETERS)

IF NAIL HOLES ARE PREBORED, SOME SPACING MAY BE REDUCED BY THE AMOUNTS GIVEN BELOW:

* SPACING MAY BE REDUCED BY 50%

** SPACING MAY BE REDUCED BY 33%

DIRECTION OF LOAD AND NAIL ROWS



LOAD APPLIED PERPENDICULAR TO GRAIN LOAD APPLIED PARALLEL TO GRAIN

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design. ITWBCG (Building Component Safety Information, by TPI and WTCA) for safety practices prior to performing work. Trusses shall be installed in accordance with the ITWBCG design and shall have a permanent label on the bottom chord shall have a permanent label on the bottom chord. Locations shown for permanent internal restraint of webs shall have bracing installed per BC31 sections B3 & B7. See this job's general notes page for more information.

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design. ITWBCG (Building Component Safety Information, by TPI and WTCA) for safety practices prior to performing work. Trusses shall be installed in accordance with the ITWBCG design and shall have a permanent label on the bottom chord shall have a permanent label on the bottom chord. Locations shown for permanent internal restraint of webs shall have bracing installed per BC31 sections B3 & B7. See this job's general notes page for more information.



Building Components Group Inc.

Earth City, MO 63045

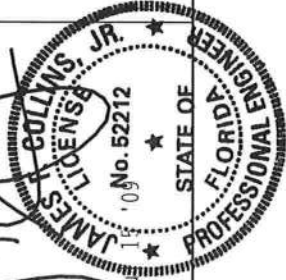
MINIMUM NAIL SPACING DISTANCES

NAIL TYPE	DISTANCES			
	A	B*	C**	D
8d BOX (0.113"X 2.5", MIN)	3/4"	1 3/8"	1 3/4"	7/8"
10d BOX (0.128"X 3", MIN)	7/8"	1 5/8"	2"	1"
12d BOX (0.128"X 3.25", MIN)	7/8"	1 5/8"	2"	1"
16d BOX (0.135"X 3.5", MIN)	7/8"	1 5/8"	2 1/8"	1 1/8"
20d BOX (0.148"X 4", MIN)	1"	1 7/8"	2 1/4"	1 1/8"
8d COMMON (0.131"X 2.5", MIN)	7/8"	1 5/8"	2"	1"
10d COMMON (0.148"X 3", MIN)	1"	1 7/8"	2 1/4"	1 1/8"
12d COMMON (0.148"X 3.25", MIN)	1"	1 7/8"	2 1/4"	1 1/8"
16d COMMON (0.162"X 3.5", MIN)	1"	2"	2 1/2"	1 1/4"
GUN (0.120"X 2.5", MIN)	3/4"	1 1/2"	1 7/8"	1"
GUN (0.131"X 2.5", MIN)	7/8"	1 5/8"	2"	1"
GUN (0.120"X 3", MIN)	3/4"	1 1/2"	1 7/8"	1"
GUN (0.131"X 3", MIN)	7/8"	1 5/8"	2"	1"

REF NAIL SPACE

DATE 1/1/09

DRWG CANNAILSP0109



2X4 GABLE VERTICAL SPACING		BRACE		NO BRACES	(1) 1X4 "L" BRACE •												(1) 2X4 "L" BRACE •				(1) 2X6 "L" BRACE ••				(1) 2X6 "L" BRACE •				(2) 2X6 "L" BRACE •												
		GRADE	#1 / #2		GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B													
12" O.C.	24" O.C.	SPF	#3	3' 10"	6' 8"	6' 10"	7' 11"	8' 1"	9' 5"	9' 8"	12' 5"	12' 9"	14' 0"	14' 0"	SP	STUD	6' 0"	6' 0"	7' 11"	7' 11"	9' 5"	9' 5"	12' 3"	12' 3"	14' 0"	14' 0"	DFL	STANDARD	3' 9"	5' 2"	5' 2"	6' 9"	6' 9"	9' 1"	9' 1"	10' 7"	10' 7"	13' 5"	13' 5"	14' 0"	14' 0"
		SPF	#1	4' 3"	6' 8"	7' 2"	7' 11"	8' 6"	9' 5"	10' 2"	12' 5"	13' 5"	14' 0"	14' 0"		STUD	6' 8"	7' 2"	7' 11"	8' 6"	9' 5"	10' 2"	12' 5"	13' 5"	14' 0"	14' 0"		STANDARD	3' 10"	5' 3"	5' 3"	6' 11"	9' 4"	10' 10"	10' 10"	12' 11"	12' 11"	14' 0"	14' 0"		
		SPF	#3	4' 0"	6' 2"	6' 2"	7' 11"	8' 1"	9' 5"	9' 11"	12' 5"	12' 8"	14' 0"	14' 0"		STUD	6' 1"	6' 1"	7' 11"	8' 0"	9' 5"	9' 11"	12' 5"	12' 6"	14' 0"	14' 0"		STANDARD	3' 10"	5' 3"	5' 3"	6' 11"	9' 4"	10' 10"	10' 10"	12' 11"	12' 11"	14' 0"	14' 0"		
		SPF	#1 / #2	4' 5"	7' 8"	7' 10"	9' 1"	9' 4"	10' 10"	11' 1"	14' 0"	14' 0"	14' 0"	14' 0"		STUD	7' 4"	7' 4"	9' 1"	9' 1"	10' 10"	10' 10"	14' 0"	14' 0"	14' 0"	14' 0"		STANDARD	4' 4"	7' 4"	7' 4"	9' 1"	9' 1"	10' 10"	10' 10"	14' 0"	14' 0"	14' 0"	14' 0"		
		SPF	#3	4' 4"	7' 4"	7' 4"	9' 1"	9' 1"	10' 10"	10' 10"	14' 0"	14' 0"	14' 0"	14' 0"		STUD	7' 4"	7' 4"	9' 1"	9' 1"	10' 10"	10' 10"	14' 0"	14' 0"	14' 0"	14' 0"		STANDARD	4' 4"	7' 4"	7' 4"	9' 1"	9' 1"	10' 10"	10' 10"	14' 0"	14' 0"	14' 0"	14' 0"		
	16" O.C.	SP	#1	4' 10"	7' 8"	8' 3"	9' 1"	9' 9"	10' 10"	11' 8"	14' 0"	14' 0"	14' 0"	14' 0"	DFL	STUD	7' 8"	8' 3"	9' 1"	9' 9"	10' 10"	11' 8"	14' 0"	14' 0"	14' 0"	14' 0"	STANDARD	4' 6"	7' 7"	7' 7"	9' 1"	9' 6"	10' 10"	11' 4"	14' 0"	14' 0"	14' 0"	14' 0"			
		SP	#3	4' 6"	7' 7"	7' 7"	9' 1"	9' 6"	10' 10"	11' 4"	14' 0"	14' 0"	14' 0"	14' 0"		STUD	7' 6"	7' 6"	9' 1"	9' 6"	10' 10"	11' 4"	14' 0"	14' 0"	14' 0"	14' 0"	STANDARD	4' 6"	7' 6"	7' 6"	9' 1"	9' 6"	10' 10"	11' 4"	14' 0"	14' 0"	14' 0"	14' 0"			
		SPF	#1 / #2	4' 11"	8' 5"	8' 8"	10' 0"	10' 3"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"		STUD	8' 5"	8' 5"	10' 0"	10' 3"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"	STANDARD	4' 5"	6' 5"	6' 5"	8' 6"	8' 6"	10' 10"	11' 1"	13' 3"	13' 3"	14' 0"	14' 0"			
		SPF	#3	4' 9"	8' 5"	8' 8"	10' 0"	10' 3"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"		STUD	8' 5"	8' 5"	10' 0"	10' 3"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"	STANDARD	4' 9"	8' 5"	8' 5"	10' 0"	10' 3"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"			
		12" O.C.	HF	STANDARD	4' 9"	8' 5"	8' 5"	10' 0"	10' 0"	10' 0"	11' 11"	11' 11"	14' 0"	14' 0"		14' 0"	SP	STUD	7' 3"	7' 3"	9' 7"	9' 7"	11' 11"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"	STANDARD	4' 9"	8' 5"	8' 5"	10' 0"	10' 0"	11' 11"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"	
HF	#1		5' 4"	8' 5"	9' 1"	10' 0"	10' 9"	11' 11"	12' 10"	14' 0"	14' 0"	14' 0"	14' 0"	STUD	8' 5"	9' 1"		10' 0"	10' 9"	11' 11"	12' 10"	14' 0"	14' 0"	14' 0"	14' 0"	STANDARD	5' 0"	8' 5"	8' 5"	10' 0"	10' 0"	11' 11"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"				
SP	#2		5' 3"	8' 5"	9' 1"	10' 0"	10' 9"	11' 11"	12' 10"	14' 0"	14' 0"	14' 0"	14' 0"	STUD	8' 5"	9' 1"		10' 0"	10' 9"	11' 11"	12' 10"	14' 0"	14' 0"	14' 0"	14' 0"	STANDARD	5' 0"	8' 5"	8' 5"	10' 0"	10' 0"	11' 11"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"				
SP	#3		5' 0"	8' 5"	8' 5"	10' 0"	10' 0"	11' 11"	12' 6"	14' 0"	14' 0"	14' 0"	14' 0"	STUD	8' 5"	8' 5"		10' 0"	10' 6"	11' 11"	12' 6"	14' 0"	14' 0"	14' 0"	14' 0"	STANDARD	5' 0"	8' 5"	8' 5"	10' 0"	10' 0"	11' 11"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"				
12" O.C.	DFL		STUD	4' 11"	7' 5"	7' 5"	9' 10"	9' 10"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"	DFL	STUD		7' 5"	7' 5"	9' 10"	9' 10"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"	STUD	4' 11"	7' 5"	7' 5"	9' 10"	9' 10"	11' 11"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"		

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

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

GABLE END SUPPORTS LOAD FROM 4' 0"

OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" PLYWOOD OVERHANG.

ATTACH EACH "L" BRACE WITH 10d NAILS.

* * * FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C.
(0.128"x3" min)

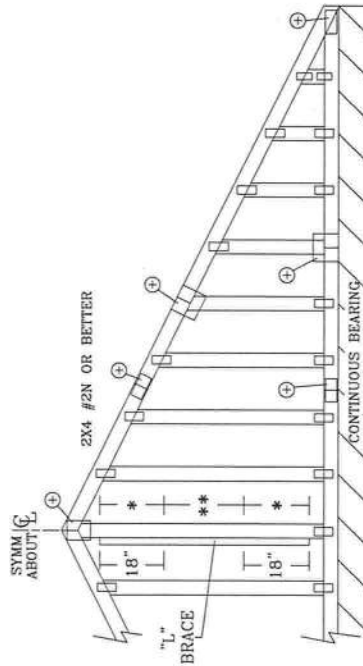
IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.
**** FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C.**

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

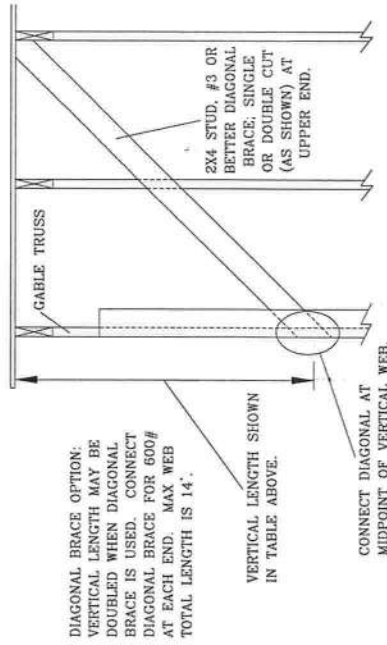
"L" BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH.

GABLE VERTICAL PLATE SIZES	
VERTICAL LENGTH	NO SPLICE
LESS THAN 4' 0"	1X4 OR 2X3
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2.5X4
GREATER THAN 11' 6"	3X4

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



REFER TO CHART ABOVE FOR MAX CABLE ~~VERTICAL~~ LENGTH



••WARNING•• READ AND FOLLOW ALL NOTES ON THIS SHEET!

[illegible]

•••IMPORTANT••• FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR

ITW Building Components Group Inc. (ITWBC) shall not be responsible for any deviation from this design, and any failure to build the truss in conformance with TPI, or fabricating/bracing, installing & erecting of trusses. ITWBC connector plates are made of 20/18/16GA (WH/S/F/K) ASTM A663 grade 37/40/80 (K/S/W/H/S) galv. steel. Apply plates at each face of truss, positioned as shown above and on Joint Details. A seal on this drawing or cover page indicates acceptance and 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 ANST/PTI 1 Sec. 2.

responsibility of the banking system for the security of the financial system. ICC: www.icsafe.org
ITW-ECG: www.itwecg.com; TPI: www.tpinst.com; WTCA: www.sbcindustry.com; ICC: www.icsafe.org

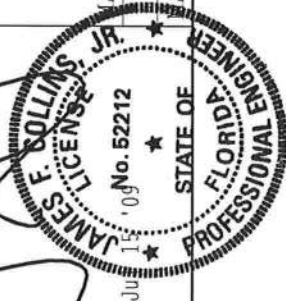
REF ASCF7-05-CAB11015

DATE 1/1/09

DRWG A11015050109

MAX. TOT. LD. 60 PSF

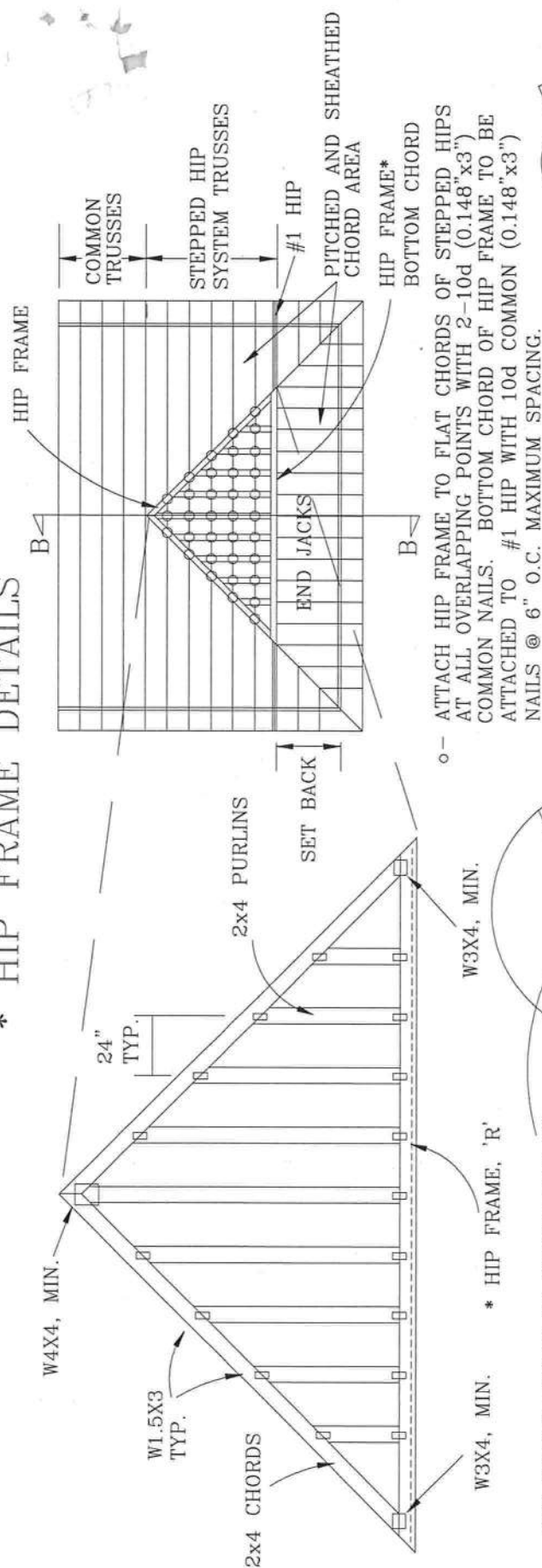
STATE OF
MAX. SPACING 24.0"



TW
Building Components Group Inc.

Earth City, MO 63045

** HIP FRAME DETAILS



SHIP FRAME STOPS AT PLUMB CUT OF JACKS TO MAINTAIN PITCH CONTINUITY.

USE THIS DETAIL FOR ASCE 7-02 OR ASCE 7-05 WIND, 110 MPH, 30' MEAN HEIGHT, ENCLOSED BUILDING, EXP. C, RESIDENTIAL, WIND TC DL=4.2 PSF, Kzt=1.00

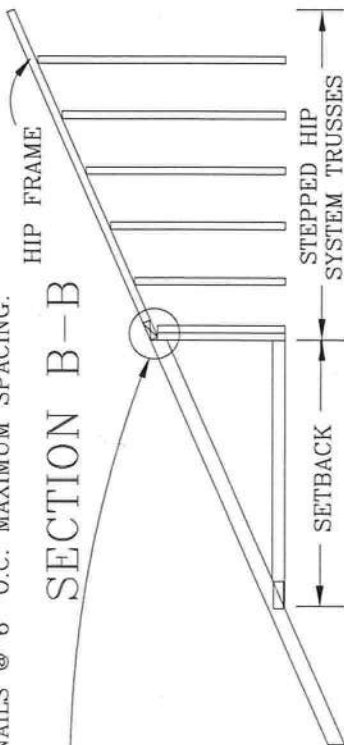
* HIP FRAME LUMBER IS SPF, SO. PINE, HF, OR DFL STANDARD, STUD GRADE, OR BETTER.

SEE ENGINEER'S SEALED DESIGN FOR SETBACK, LUMBER, PLATING, LOADING AND DURATION FACTOR REQUIRED.

'R' HIP FRAME CHORDS MAY BE TRIMMED UP TO 2" TO FIT.
PURLINS MUST BE INTACT AND PROPERLY ATTACHED.

HIP FRAME - PROVIDED BY TRUSS MANUFACTURER.
HIP FRAME IS DESIGNED TO PROVIDE BRACING FOR FLAT
TOP CHORDS OF HIP FRAME SYSTEM WHERE INDICATED.
STRUCTURAL PANELS MUST BE PROPERLY ATTACHED DIRECTLY
TO HIP FRAME PURLS.

SECTION B-B



Building Components Group Inc.

Earth City, MO 63045

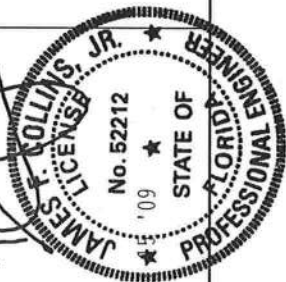
****WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET!**

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the following instructions from the Building Component Safety Information by TPI and WCA for safety practices prior to performing any work. Truss installers shall provide temporary bracing per GCSP. Unless noted otherwise, no chord shall have property attached structural panels and bottom chord shall have a property attached rigid connection. Locations shown for permanent lateral restraint of webs shall have bracing installed per GCSP sections B3 & B7. See this job's general notes page for more information.

•••IMPORTANT••• FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR

ITW Building Components Group Inc. (ITWBCG) shall be responsible for any deviation from this design. If any failure to build the truss in conformance with TPI, or fabricating, shipping, installing & erecting of trusses. ITWBCG connector plates are made of 2018/160A (WH/S/K) ASTM A653 grade 37/40/60 (W.H.S/K) galv steel. Apply plates at each face of truss, positioned as shown above and on Joint Details. A seal on this drawing or cover page indicates acceptance and 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-BCG: www.itwbcg.com; TPI: www.tpinst.com; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org



REF	HIP FRAME
DATE	1/1/09
DRWG	HIPFRAME0109