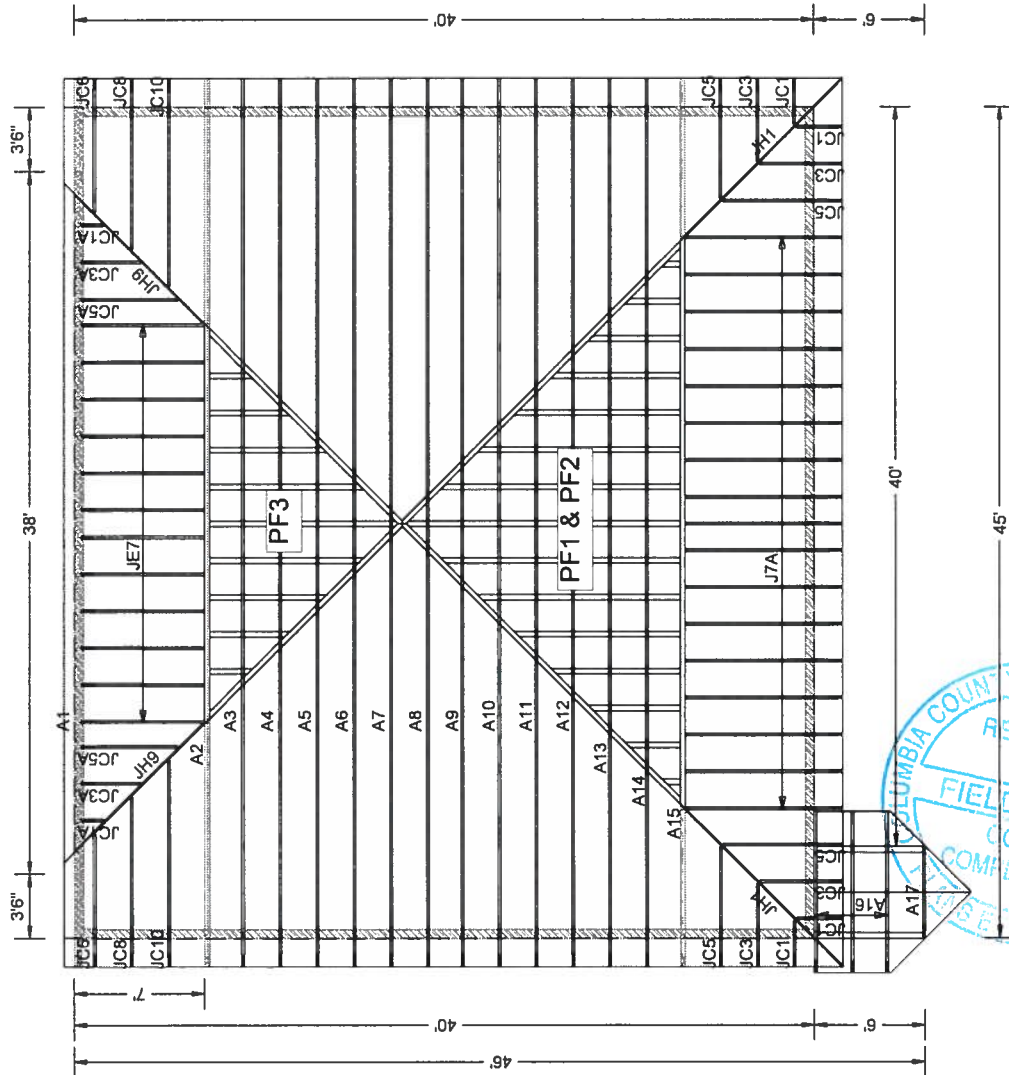


JOB NO:
5119H

PAGE NO:
1 OF 1

ROOF PITCH:	6/12
CLG PITCH:	FLAT
OVERHANG:	1'-10-8 PLUMB CUT
LOADING:	40 PSF T.L./SHINGLE
WIND LOAD:	110 MPH/ENCLOSED
EXT WALLS:	2x4 FRAMING
DATE:	12-14-07
REVISIONS:	11/7/08
	(1) 1' HEEL HT ADDED
	(2) HIP SET ADDED TO HANGER DOOR SIDE.
	(3) O.H. REVISED TO 1' 6 1/2"



ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 0 278
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID:1TML215-Z0213132751

Truss Fabricator: W.B. Howland
Job Identification: 5119H-/LAGONI /EDGELY CONSTRUCTION -- LAKE CITY, FL
Truss Count: 33
Model Code: Florida Building Code
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Version 7.38.
Structural Engineer of Record: The identity of the structural EOR did not exist as of
the seal date per section 61G15-31.003(5a) of the FAC
Address:
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-02 -Closed

Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR215

Details: BRCLBSUB-



Seal Date: 11/13/2008

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

#	Ref	Description	Drawing#	Date
1	44019--A1		08318003	11/13/08
2	44020--A2		08318034	11/13/08
3	44021--A3		08318004	11/13/08
4	44022--A4		08318005	11/13/08
5	44023--A5		08318006	11/13/08
6	44024--A6		08318007	11/13/08
7	44025--A7		08318008	11/13/08
8	44026--A8		08318009	11/13/08
9	44027--A9		08318010	11/13/08
10	44028--A10		08318011	11/13/08
11	44029--A11		08318012	11/13/08
12	44030--A12		08318013	11/13/08
13	44031--A13		08318014	11/13/08
14	44032--A14		08318015	11/13/08
15	44033--A15		08318035	11/13/08
16	44034--A16		08318023	11/13/08
17	44035--A17		08318024	11/13/08
18	44036--JC1		08318025	11/13/08
19	44037--JC3		08318026	11/13/08
20	44038--JC5		08318027	11/13/08
21	44039--JC6		08318028	11/13/08
22	44040--JC8		08318029	11/13/08
23	44041--JC10		08318030	11/13/08
24	44042--JC1A		08318031	11/13/08
25	44043--JC3A		08318032	11/13/08
26	44044--JC5A		08318033	11/13/08
27	44045--JE7		08318016	11/13/08
28	44046--J7A		08318017	11/13/08
29	44047--JH9		08318018	11/13/08
30	44048--JH1		08318019	11/13/08
31	44049--PF1		08318020	11/13/08
32	44050--PF2		08318021	11/13/08
33	44051--PF3		08318022	11/13/08



Top chord 2x6 SP #2 N
Bot chord 2x12 SP #2 N
Webs 2x4 SP #2 N

3 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun nails)

Top Chord: 1 Row @12.00" o.c.

Bot Chord: 1 Row @ 5.50" o.c.

Wells : 1 Row @ 4" o.c.

Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting.

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

110 mph wind, 15.79 ft mean hat, ASCE 7 02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)0.18

Wind reactions based on MWFRS pressures.

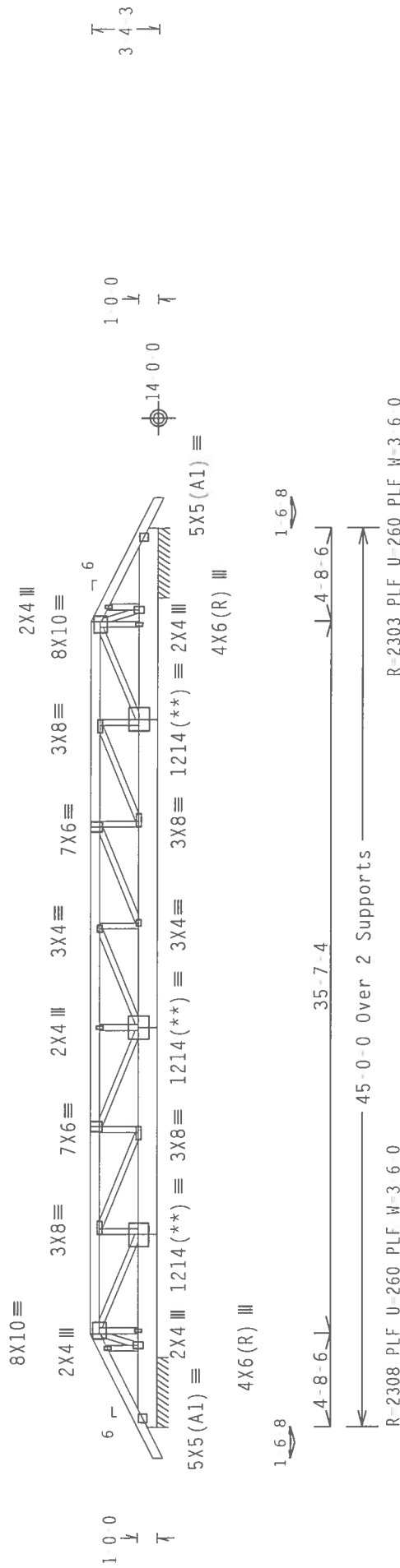
Deflection meets L/240 live and L/180 total load.

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

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



SPECIAL LOADS		(LUMBER)		DUR. FAC. 1.25 / PLATE		DUR. FAC. 1.25)	
IC	From	62 PLF at 1.54	to	62 PLF at	4.70	62 PLF at	4.70
IC	From	62 PLF at 4.70	to	62 PLF at	40.30	62 PLF at	40.30
IC	From	62 PLF at 40.30	to	62 PLF at	46.54	62 PLF at	46.54
BC	From	20 PLF at 0.00	to	20 PLF at	45.00	20 PLF at	45.00
BC	1945 LB	Conc. Load at 3.96,	41.04				
BC	1027 LB	Conc. Load at 5.07,	39.93				
BC	51 LB	Conc. Load at 6.39,	38.61				
BC	133 LB	Conc. Load at 8.39,	36.61				
BC	215 LB	Conc. Load at 10.39,	34.61				
BC	273 LB	Conc. Load at 11.76,	13.76,			15.76,	1
BC	21.76,	23.24,	25.24,	27.24,	29.24,	31.24,	33.24
BC	556 LB	Conc. Load at 12.96,	20.13,			24.88,	3



Design Crit: TPI-2002(STD)/FBC

 $Cq/RT=1.00(1.25)/0(0)$

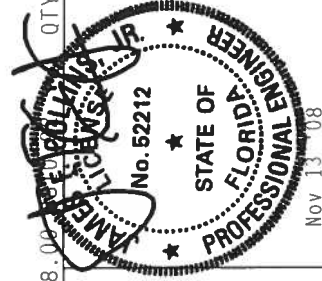
Scale = .125"/Ft.

PLT TYP. Wave

*****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DESIGN, CONSTRUCTION AND SAFETY INFORMATION, PUBLISHED BY IPI (TRUSS PLATE INSTITUTE), 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 22314 AND AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION), INC., 530 N. LAKE STREET, CHICAGO, IL 60610. FOR SAFETY PRACTICES PRIOR TO PERFORMING THE SECTIONS, UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

ALPINE

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



Nov 13 '08

JREF- 1TML215 Z02

Top chord 2x4 SP #2 N :T2, T3 2x6 SP #2 N :
Bot chord 2x6 SP #2 N :
Webs 2x4 SP #2 N :
:Lt Slider 2x6 SP #2 N : BLOCK LENGTH = 1.690'
:Rt Slider 2x6 SP #2 N : BLOCK LENGTH = 1.690'

110 mph wind, 17.54 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf. Iw=1.00 GCpi(+/-) 0.18

Wind reactions based on MWERS pressures.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.
Deflection meets L/240 live and L/180 total load.

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

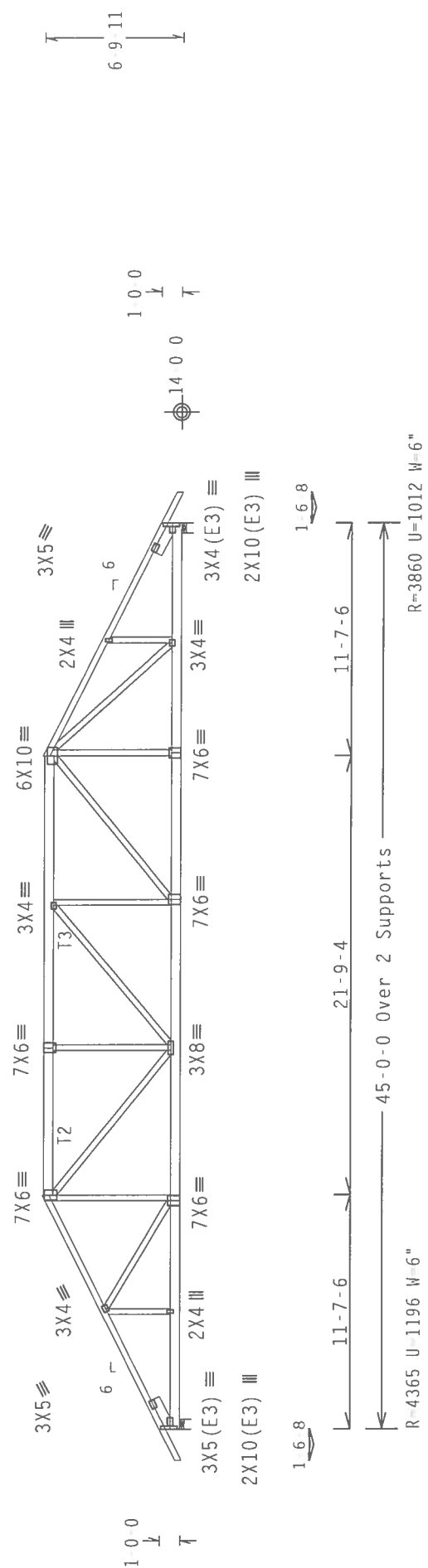
The overall height of this truss excluding overhang is 6'-9 1/2".

2 COMPLETE TRUSSES REQUIRED

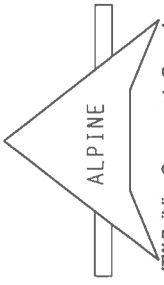
Nailing Schedule: (0.131"x3" Gun nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs: 1 Row @4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

SPECIAL LOADS

(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC From 62 PLF at 1.54 to 62 PLF at 11.70
TC From 62 PLF at 11.70 to 62 PLF at 33.30
TC From 62 PLF at 33.30 to 62 PLF at 46.54
BC From 20 PLF at 0.00 to 20 PLF at 45.00
PLT 210 LB Conc. Load at (11.76,20.70), (13.76,20.70), (15.76,20.70), (17.76,20.70), (19.76,20.70), (21.76,20.70), (23.24,20.70), (25.24,20.70), (27.24,20.70), (29.24,20.70), (31.24,20.70), (33.24,20.70) PLB 1115 LB Conc. Load at (11.70,14.04), (13.76,14.04), (15.76,14.04), (17.76,14.04), (19.76,14.04), (21.76,14.04), (23.24,14.04), (25.24,14.04), (27.24,14.04), (29.24,14.04), (31.24,14.04), (33.24,14.04)



Design Crit: TPI-2002(STD)/FBC

 rtw Building Components Group Inc. Haines City, FL 33844 FL COA #0278	PLT TYP. Wave	7.38.00	FL/5/-/-/R/-	Scale = .125"/Ft.
		Cq/RT=1.00(1.25)/0(0)		REF R215-- 44020
				DATE 11/13/08
				DRW HCUSR215 08318034
				HC-ENG DLJ/DLJ
				SEQN- 150347
				FROM LRB
				JREF- 1TML215_Z02

1110 mph wind, 18.04 ft mean hgt., ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw 1.00 GCpi(+/) 0.18

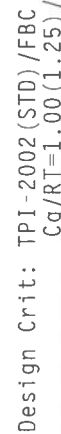
Wind reactions based on HWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

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

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

The overall height of this truss excluding overhang is 7-10-3.



Scale = .125"/Ft.

TC LL	20.0 PSF	REF	R215 - 44021
TC DL	10.0 PSF	DATE	11/13/08

BC LL	0.0 PSF	HC-ENG DLJ/DLJ
-------	---------	----------------

TOT.LD.	40.0	PSF	SEQN-	150391
DUR.FAC.	1.25		FROM	LRB
SPACING	24.0"		JREF-	1TML215.Z02

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

110 mph wind, 18.52 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL 5.0 psf, wind BC DL 5.0 psf. lw=1.00 GCpi(+/-) 0.18

(A) Continuous lateral bracing equally spaced on member.

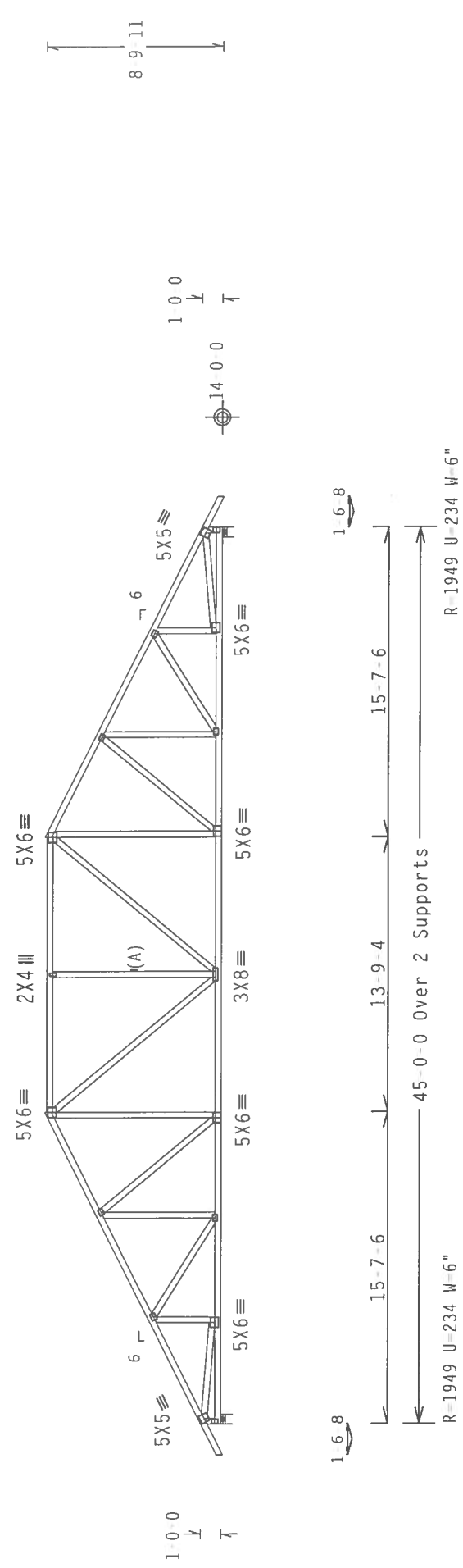
Wind reactions based on MWFRS pressures.

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

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

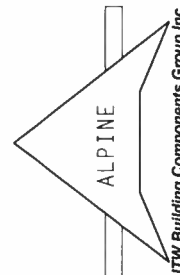
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

The overall height of this truss excluding overhang is 8'9" 11."



Note: All Plates Are 3x4 Except As Shown.

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

 ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0 278	PLT TYP. Wave		7.38.00	QTY: 1	FL / - / 5 / - / - / R / -	Scale = .125" / Ft.
	TC LL	20.0 PSF	REF	R215 --	44022	
	TC DL	10.0 PSF	DATE	11/13/08		
	BC DL	10.0 PSF	DRW	HCUSR215	08318005	
	BC LL	0.0 PSF	HC-ENG	DLJ/DLJ	*	
TOT.LD.		40.0 PSF	SEON	150401		
DUR.FAC.		1.25	FROM	LRB		
SPACING		24.0"	JREF	1TML215	Z02	

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

110 mph wind, 19.02 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. W=1.00 GCpi(-/-)=0.18

(A) Continuous lateral bracing equally spaced on member.

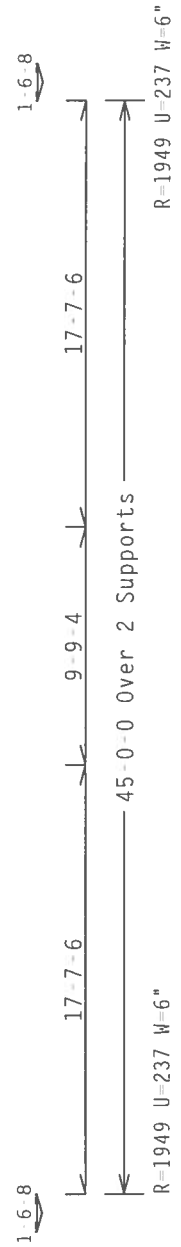
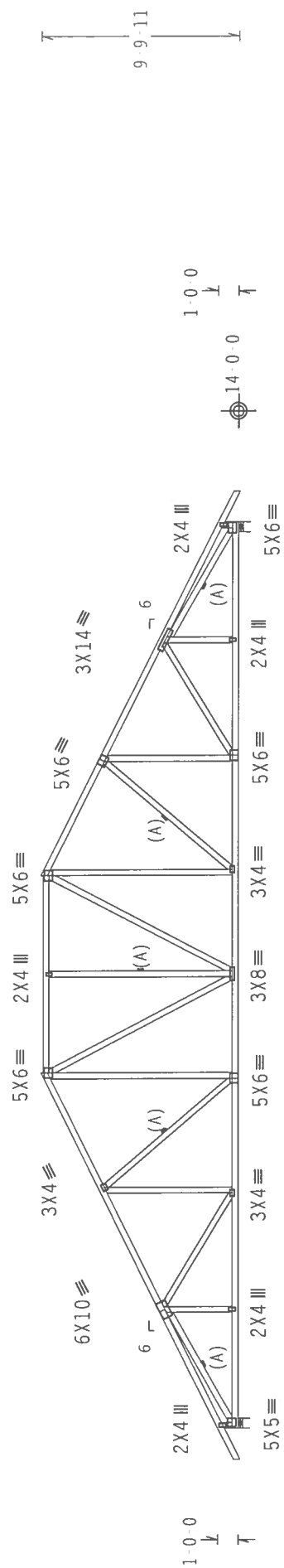
Wind reactions based on MWFRS pressures.

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

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

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

The overall height of this truss excluding overhang is 9-9-11.



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

QTY: 1

Scale = .125"/Ft.

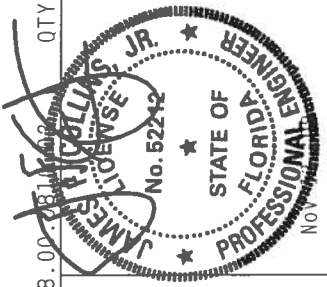
TC LL	20.0 PSF	REF	R215 - 44023
TC DL	10.0 PSF	DATE	11/13/08
BC DL	10.0 PSF	DRW	HCUSR215 08318006
BC LL	0.0 PSF	HC-ENG	DLJ/DLJ *
TOT.LD.	40.0 PSF	SEQN	150413
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF	1TML215_Z02

****WARNING**** TRUSSES REQUIRING EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DESI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 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, ALL DIMENSIONS 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 FOLLOW THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE NATIONAL DESIGN SPEC., BY AIA/P3 AND TPI. CONNECTOR PLATES ARE MADE OF 70/10/1666 (40/55/7) ASTM A653 GRADE 40/60 (40, 55/55) 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 AMER 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 SUSTAINABILITY 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



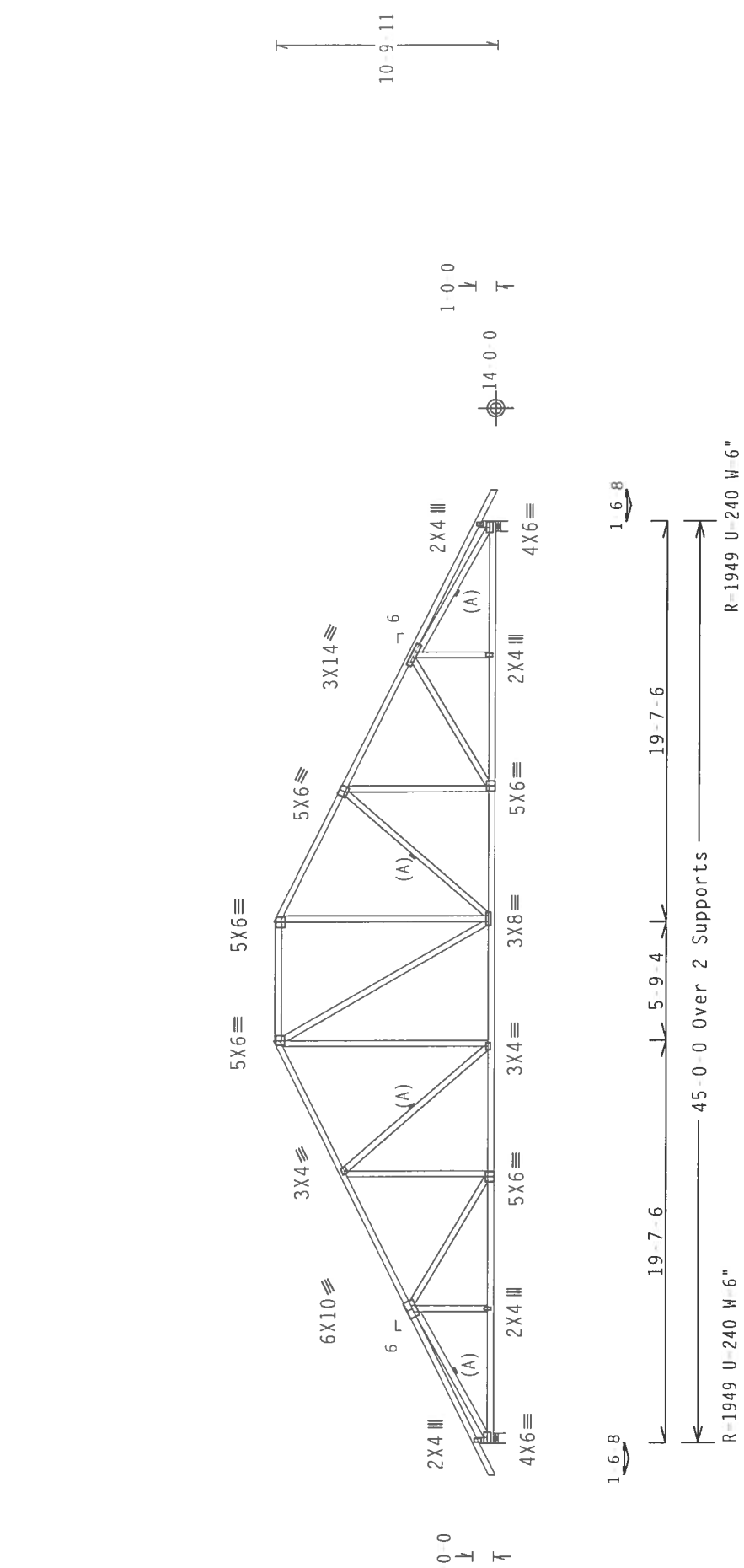
Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	Webs	2x4	SP	#2	N

11110 mph wind, 19.52 ft mean hgt, ASCE 7 02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf. [w1.00 GCp(1/-)-0.18

(A) Continuous lateral bracing equally spaced on member.

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

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



PLT TYP. Wave

Design Crit: $\text{TPI-2002(STD)}/\text{FBC}$
 $\text{Ca}/\text{RT}=1.00(1.25)/$

design criteria for 2002 (3107)(1.25)
Cq/RT=1.00(1.25)/0.0(0) 7.

****WARNING**** THUSSES REQUIRE EXTERIOR CARBONATION HARDENING. SUPPORTING BEACONING AND BRACING
WELLS TO BESS) (BUILDING CONSTRUCTION SAFETY INFORMATION)
HARDENING BY TEST THUSSES PAPER
NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314) AND WETA (WOOD THUSSES, COUNCIL OF AMERICA, 6308
ENTERPRISE LANE, HUNTSVILLE, AL 35891) 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.

ALPINE

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

FL/-/5/-/-R/-		Scale = .125"/Ft.
TC LL	20.0 PSF	REF R215 - 44024
TC DL	10.0 PSF	DATE 11/13/08
BC DL	10.0 PSF	DRW HCUSR215 08318007
BC LL	0.0 PSF	HC-ENG DLJ/DLJ *
TOT.LD.	40.0 PSF	SEQN 150435
DUR.FAC.	1.25	FROM LRB
SPACING	24.0"	JREF - 1TML215_Z02

op	chord	2x4	SP	2	N
ot	chord	2x4	SP	2	N
	webs	2x4	SP	2	N

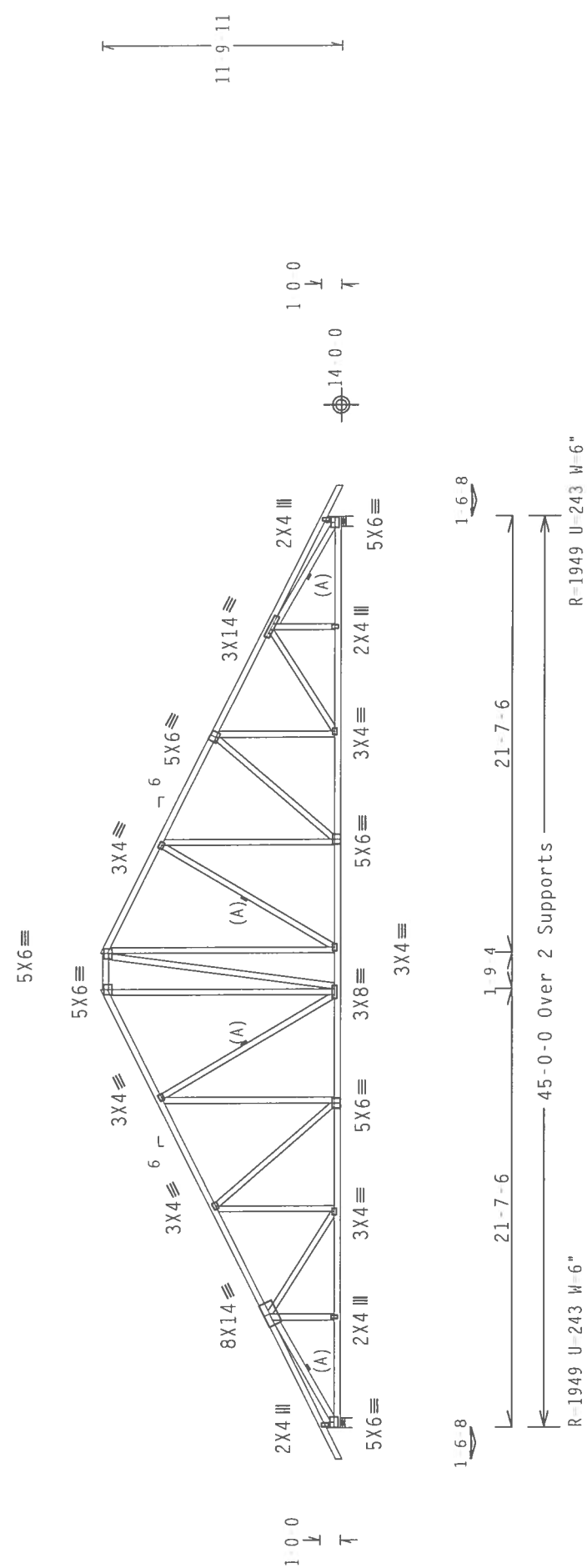
10 mph wind, 20.02 ft mean hgt., ASCE 7 02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT 11, EXP B, wind TC DL 5.0 psf, wind C DL 5.0 psf. $I_w = 1.00$ GCPI $(1/7) = 0.18$

A) Continuous lateral bracing equally spaced on member.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC. Deflection meets L/240 Live and L/180 total load.

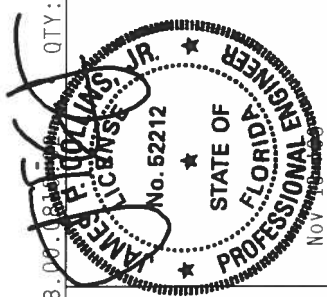
he overall height of this truss excluding overhang is 11 9 11.

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



Design Crit: TPI-2002(STD)/FBC

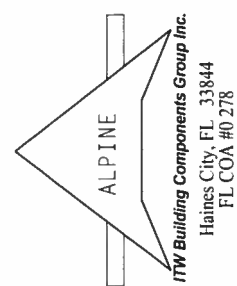
FL / - / 5 / - / - / R / -		Scale = .125" / Ft.
TC LL	20.0 PSF	REF R215 - - 44025
TC DL	10.0 PSF	DATE 11/13/08
BC DL	10.0 PSF	DRW HCUSR215 08318008
BC LL	0.0 PSF	HC-ENG DLJ/DLJ *
TOT.LD.	40.0 PSF	SEQN - 150443
DUR.FAC.	1.25	FROM LRB
SPACING	24.0"	JREF 1TML215 Z02



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCS) (BUILDING COMPANIES SAFETY INFORMATION), PUBLISHED BY IPI (IRVING-PATRICK INC.), 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA., 22304, AND MICA (MIDWEST 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**** UNLESS A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR, ITR BCG, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

THIS DESIGN COMPLIES WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC.) BY AF&PA) AND IPI). ITR BCG CONNECTOR PLATES ARE MADE OF 20/10T/16GA (.015/.55/.K) AISI 663 GRADE 40/60 (N. K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS TIGA 2.2. IF ANY INSPECTION OF PLATES IS FOLLOWED BY (1) SHOUT THE PER AMBIZ AS OF 1911 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT TO WHICH SHOWN. THE SUBMITTAL AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ASD/PTI 1.1.C. 2.



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

110 mph wind, 19.81 ft mean hgt, ASCE 7 02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL 5.0 psf, wind BC DL 5.0 psf. $I_w=1.00$ GCpi (V)^{-0.18}

(A) Continuous lateral bracing equally spaced on member.

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

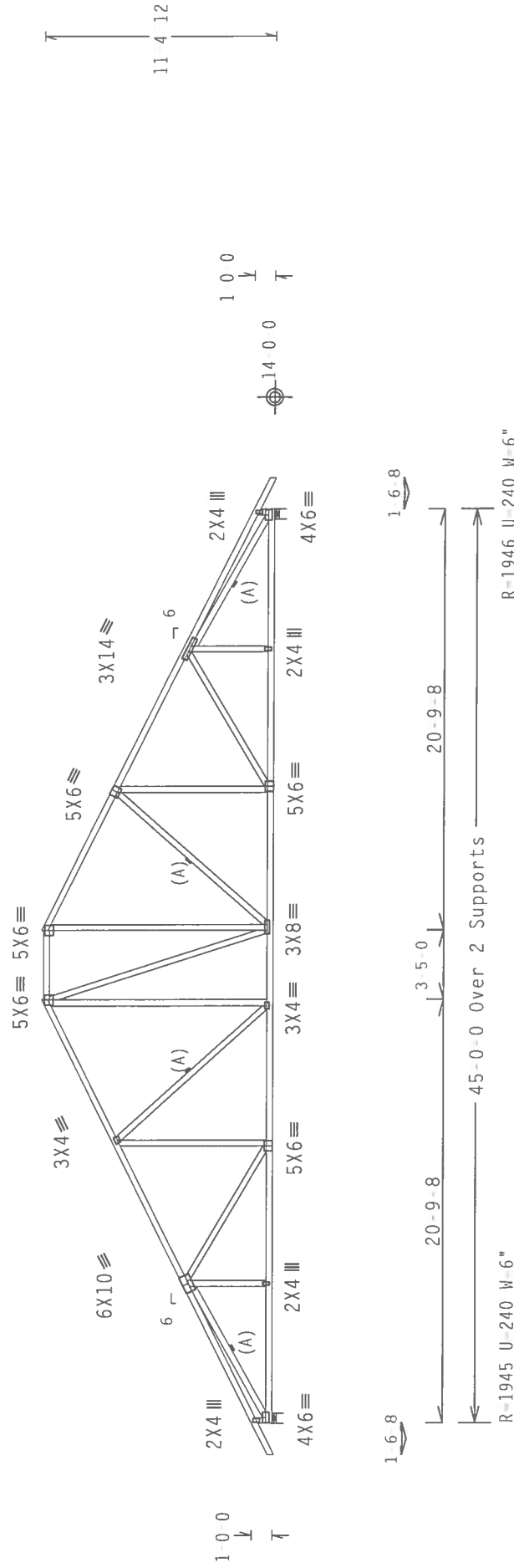
WARNING: Furnish a copy of this DWG to the installation contractor.

Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

The overall height of this truss excluding overhang is 11' 4" 12'.

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

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC

$$Ca/RT=1.00(1.25)/0(0)$$

00

OTY:1

Scale = 125"/Ft

[illegible][illegible]

ALPINE

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

Nov 13 08

SPACING 24.0"

JREF- 1TMI 215 702

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

110 mph wind, 19.34 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind IC DL 5.0 psf, wind BC DL 5.0 psf. 1w-1.00 GCpi(-)=0.18

(A) Continuous lateral bracing equally spaced on member.

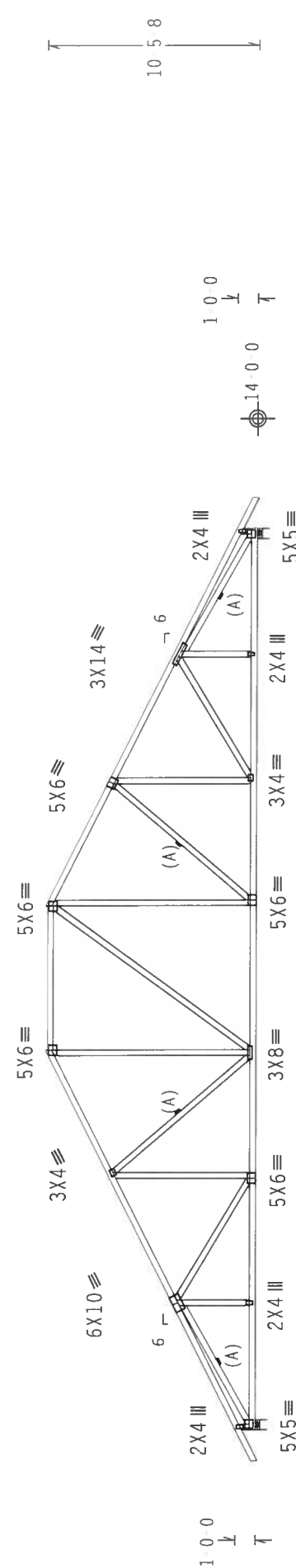
Wind reactions based on MWFRS pressures.

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

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

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

The overall height of this truss excluding overhang is 10 5 8.



1 6 8
18-11-0 7-2-0 18-11-0
45-0-0 Over 2 Supports
R-1949 U-239 W-6"
1 6 8

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/0(0) 7.38.00

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

Scale =.125"/Ft.

WARNING TRUSSES REQUIRING EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION. PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 112, ALEXANDRIA, VA, 22314) AND WEA (WOOD TRUSS COUNCIL OF AMERICA, 6300 WOODHURST DRIVE, SUITE 100, FARMERSVILLE, OH, 43024). SPECIAL PRACTICES FOR 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 TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF 1005 (NATIONAL DESIGN SPEC, BY AIA) AND TPI. CONNECTOR PLATES ARE MADE OF 2018/16GA (W/1/55/K) ASTM A563 GRADE 40/60 (W/1/55) 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 2007 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.

TC LL	20.0 PSF	REF	R215--	44027
TC DL	10.0 PSF	DATE	11/13/08	
BC DL	10.0 PSF	DRW	HCUSR215	08318010
BC LL	0.0 PSF	HC-ENG	DLJ/DLJ	*
TOT.LD.	40.0 PSF	SEQN-	150458	
DUR.FAC.	1.25	FROM	LRB	
SPACING	24.0"	JREF-	1TML215_Z02	

ALPINE

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

JAMES T. COLEMAN, JR.
Professional Engineer
No. 52212
STATE OF FLORIDA
Nov 13 '08

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

110 mph wind, 18.86 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL 5.0 psf, wind BC DL 5.0 psf. lw 1.00 Gcpi(1/)=0.18

(A) Continuous lateral bracing equally spaced on member.

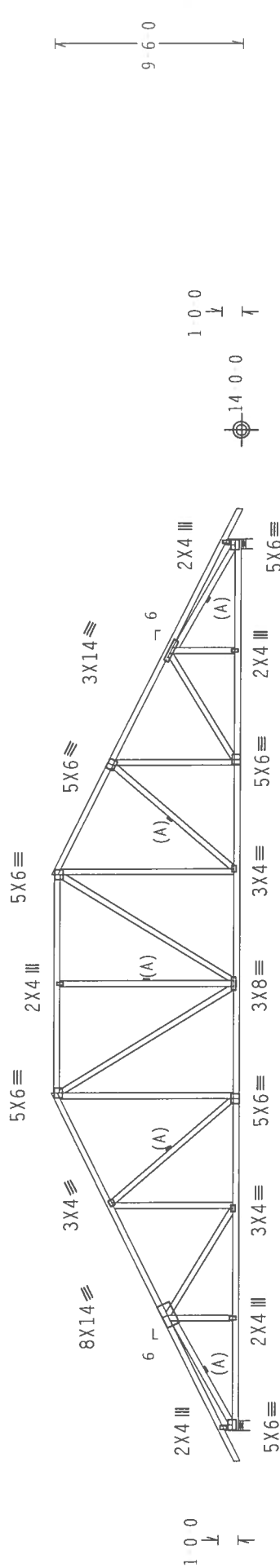
Wind reactions based on MWFRS pressures.

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

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

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

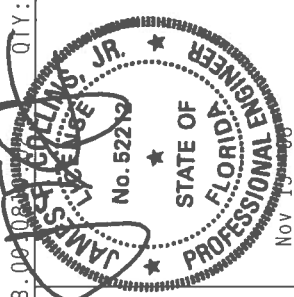
The overall height of this truss excluding overhang is 9 6 0.



1 6 8
17-0-0
11-0-0
17-0-0
45-0-0 Over 2 Supports
R-1949 U-236 W-6"
1 6 8
R-1949 U-236 W-6"

Design Crit: TPI-2002(STD)/FBC

Scale = .125"/Ft.
REF R215-- 44028
DATE 11/13/08
DRW HCUSR215 08318011
HC-ENG DLJ/DLJ *
SEQN- 150450
FROM LRB
JREF- 1TML215_Z02



****WARNING**** TRUSSES REQUIRING EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION. PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 2700 STEEL MILL LANE, SUITE 100, ALEXANDRIA, VA 22304 AND IFCA 6000. TRUSSES ARE TO BE HANDLED AND SHIPPED IN A MANNER THAT PREVENTS DAMAGE TO THE TRUSS. 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 REG. ENG. 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. CORRELATOR PLATES ARE MADE OF 70/10/16GA (W./H./SS) WITH A653 GRADE 40/60 (W./H./SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC.3. A SEAL 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.

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
	webs	2x4	SP	#2	N

110 mph wind, 18.34 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT 1, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCPI(z/z_0)=0.18

(A) Continuous lateral bracing equally spaced on member.

(B) 1x4 "T" brace. 80% length of web member. Same species & SRB grade or better. Attach with 8d Box or Gun (0.113"x2.5",min.) nails @6" OC.

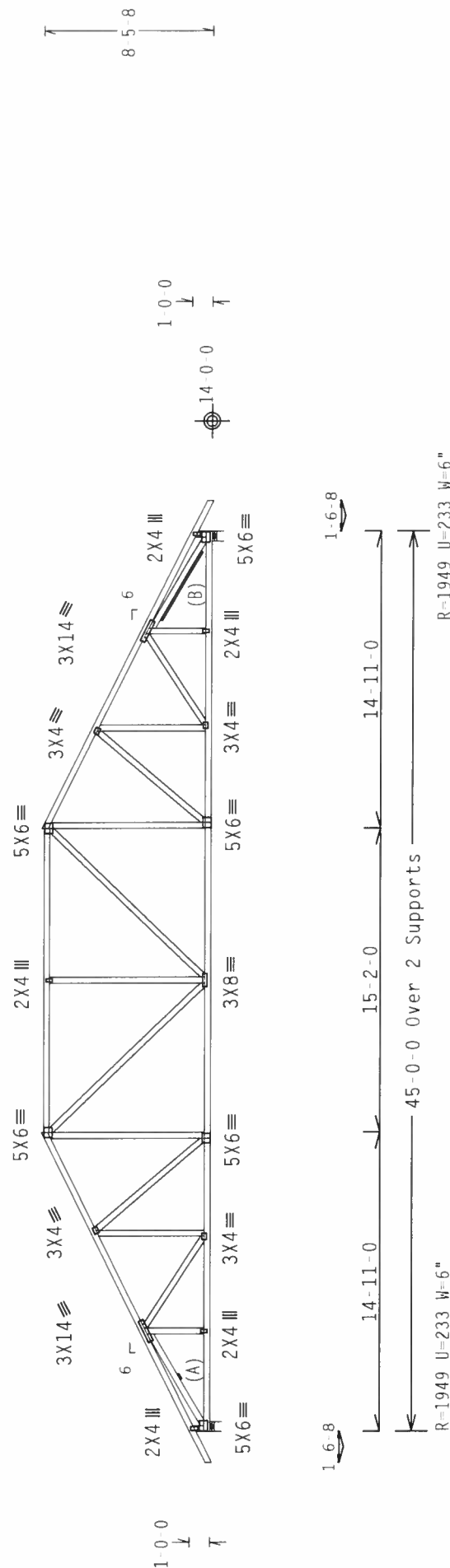
Deflection meets L/240 live and L/180 total load.

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

Wind reactions based on MWFRS pressures.

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

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



Design Crit: TPI-2002(STD)/FBC

$$Ca/RT=1.00(1.25)/0(0)$$

QTY:1

$$\text{Scale} = 125''/\text{Ft}$$

WARNING HUSSEIS REQUIRE EXHIBIT CARE IN FABRICATING, HANDLING, SHIPPING, INSTALTING AND BRACING RIGGS TO MEET BUILDING CODES AND SAFETY STANDARDS. HUSSEIS PLANT FACILITIES, 210 NORTH LEE STREET, SUITE 312, ALPHARETTA, GA 30201, CAN BE REACHED BY PHONE AT (404) 487-1100. HUSSEIS EMPLOYEES ARE AVAILABLE FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. HUSSEIS OTHERWISE INDICATED TOP CHORD SHAL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHAL HAVE PROPERLY ATTACHED RIGID CELL.

[illegible]

TC LL	20.0 PSF	REF	R215 - -	44029
TC DL	10.0 PSF	DATE	11/13/08	
BC DL	10.0 PSF	DRW	HCUSR215	08318012
BC LL	0.0 PSF	HC-ENG	DLJ/DLJ	
TOT.LD.	40.0 PSF	SEQN-	150429	
DUR.FAC.	1.25	FROM	LRB	
SPACING	24.0"	JREF	1TM1215	702

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

110 mph wind, 17.84 ft mean hgt, ASCE 7 02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi(+/-)=0.18

(A) Continuous lateral bracing equally spaced on member.

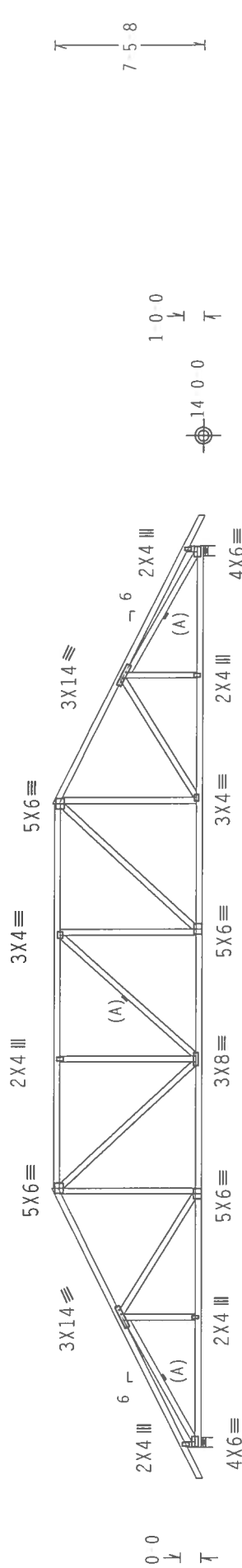
Wind reactions based on MWFRS pressures.

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

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

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

The overall height of this truss excluding overhang is 7 5 8.



1 6 8
1 6 8
12-11-0 19-2-0 12-11-0
45-0-0 Over 2 Supports
R=1949 U=230 W=6"

Design Crit: TPI-2002(STD)/FBC

Scale = .125"/Ft.

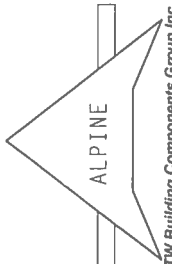
QTY: 1 FL / - / 5 / - / R / -

PLT TYP. Wave

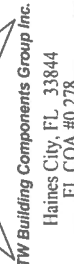
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TC DL	10.0 PSF	DATE	11/13/08	
BC DL	10.0 PSF	DRW	HCUSR215	08318013
BC LL	0.0 PSF	HC-ENG	DLJ/DLJ	*
TOT.LD.	40.0 PSF	SEQN-	150421	
DUR.FAC.	1.25	FROM	LRB	
SPACING	24.0"	JREF-	1TML215_Z02	

WARNING TRUSSES REQUIRING EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION. PUBLISHED BY TPI CROSS PLATE INSTITUTE, 2100 W. 10TH AVE., SUITE 100, MIAMI, FL 33135. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE TRUSS INSTALLATIONS, UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ITW BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF IBCS (NATIONAL DESIGN SPEC., BY AIA/ASA) AND TPI. ITW BCG CONTRACTOR PLATES ARE MADE OF 7071B/16GA (W/H/SS/RS) ASTM A653 GRADE 40/60 (W. 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 INSTALLATION AND THE SHIPABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEX A1 SEC. 2.



ALPINE



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



JAMES L. GELLING, JR.
No. 52212
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Nov 13 2008

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

110 mph wind, 17.34 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, lw=1.00 Gcpi(+) 0.18

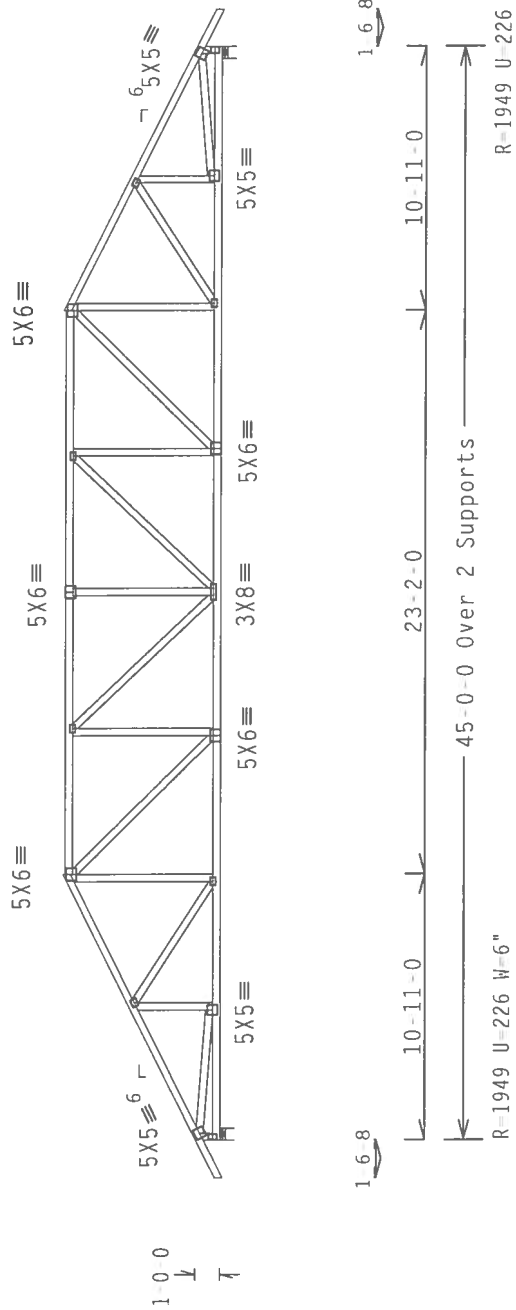
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Wind reactions based on MWFRS pressures.

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

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

The overall height of this truss excluding overhang is 6 5 8.



Note: All Plates Are 3x4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/0(0)

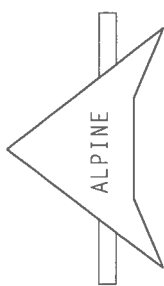
QTY:1

Scale = .125"/Ft.

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TC DL	10.0 PSF	DATE	11/13/08	
BC DL	10.0 PSF	DRW	HCUSR215	08318014
BC LL	0.0 PSF	HC-ENG	DLJ/DLJ	*
TOT.LD.	40.0 PSF	SEQN	150407	
DUR.FAC.	1.25	FROM	LRB	
SPACING	24.0"	JREF	1TML215	_Z02

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, 7100 WILSON ROAD, HAINES CITY, FL 33844) AND TPI (TRUSS PLATE INSTITUTE, 7100 WILSON ROAD, HAINES CITY, FL 33844) FOR SAFETY INFORMATION. UNLESS OTHERWISE INDICATED FOR CHORD, ALL TRUSS MEMBERS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BRACING CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CLIPPING.

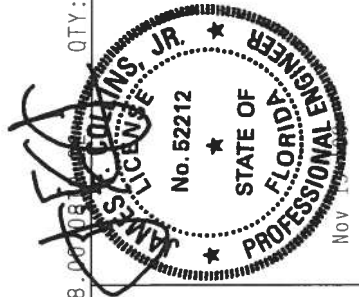
IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC., BY AIA/AIA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/1666 (40/50/55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERICAN 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 AMST/TPI 1 SEC. 2.



ALPINE



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



Professional Engineer Seal: JAMES C. EDWARDS, JR., No. 52212, STATE OF FLORIDA, PROFESSIONAL ENGINEER, Nov 19

Top chord 2x4 SP #2 N :T2, T3 2x6 SP #2 N :
Bot chord 2x6 SP #2 N :B2 2x6 SP SS:
Webs 2x4 SP #2 N :
:Lt Slider 2x6 SP #2 N : BLOCK LENGTH = 1.971'
:Rt Slider 2x6 SP #2 N : BLOCK LENGTH = 1.971'

SPECIAL LOADS

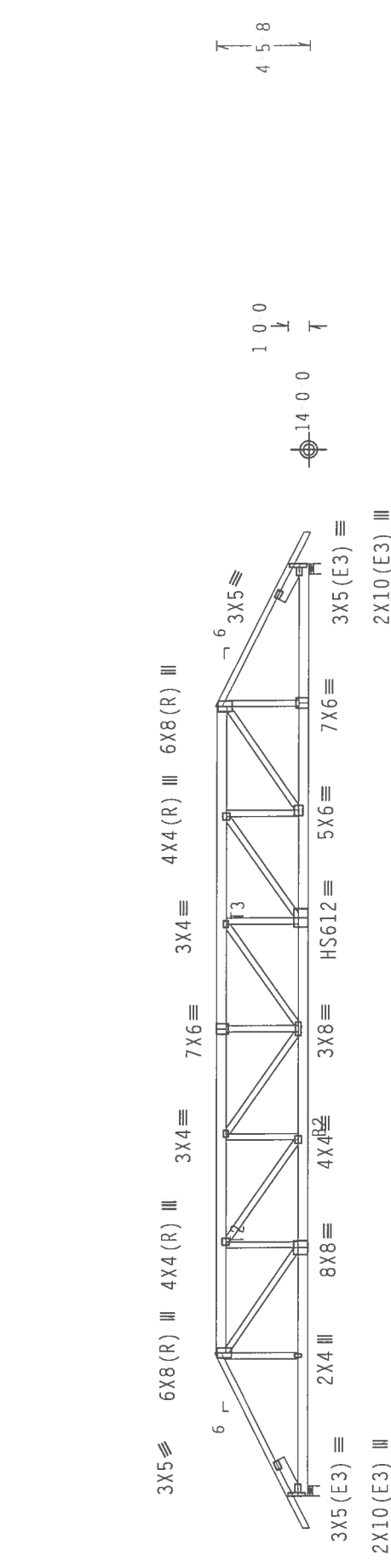
LUMBER		DUR.FAC=1.25 / PLATE DUR.FAC=1.25	
IC	From	62 PLF at 1.54 to	62 PLF at 7.00
TC	From	62 PLF at 7.00 to	62 PLF at 38.00
TC	From	62 PLF at 38.00 to	62 PLF at 46.54
BC	From	20 PLF at 0.00 to	20 PLF at 45.00
PLT	199 LB Conc. Load at	(7.06,18.35), (9.06,18.35), (11.06,18.35)	
		(13.06,18.35), (15.06,18.35), (17.06,18.35), (19.06,18.35), (21.06,18.35)	
		(22.50,18.35), (23.94,18.35), (25.94,18.35), (27.94,18.35), (29.94,18.35)	
		(31.94,18.35), (33.94,18.35), (35.94,18.35), (37.94,18.35)	
PLB	79 LB Conc. Load at	(7.06,14.04), (9.06,14.04), (11.06,14.04)	
		(13.06,14.04), (15.06,14.04), (17.06,14.04), (19.06,14.04), (21.06,14.04)	
		(22.50,14.04), (23.94,14.04), (25.94,14.04), (27.94,14.04), (29.94,14.04)	
		(31.94,14.04), (33.94,14.04), (35.94,14.04), (37.94,14.04)	

The overall height of this truss excluding overhang is 4 5 8.

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs: 1 Row @4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.
110 mph wind, 16.36 ft mean hgt, ASCE 7 02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL 5.0 psf, wind BC DL 5.0 psf. 1w 1.00 Gcpi(1/)-0.18
Wind reactions based on MWFRS pressures.
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.
Deflection meets L/240 live and L/180 total load.

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



1 6 8
6-11-0
31-2-0
45-0-0 Over 2 Supports
R-4309 U-756 W-6"
R-4309 U-756 W-6"

PLT TYP. 20 Gauge HS, Wave
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.38.00

QTY:1 FL/-/5/-/R/- Scale =.125"/Ft.

TC LL	20.0 PSF	REF	R215--	44033
TC DL	10.0 PSF	DATE	11/13/08	
BC DL	10.0 PSF	DRW	HCUR215	08318035
BC LL	0.0 PSF	HC-ENG	DLJ/DLJ	
TOT.LD.	40.0 PSF	SEQN	150538	
DUR.FAC.	1.25	FROM	LRB	
SPACING	24.0"	JREF	1TML215_Z02	

Nov 13 '08

ALPINE

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

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LTC STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WEA (WOOD TRUSS COUNCIL OF AMERICA, 6300 WILSON AVENUE, FORT WORTH, TEXAS 76116) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE NOTED, ALL TRUSSES AND BOTTOM CHORDS 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 THE TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CORRECTIONS WITH APPLICABLE PROVISIONS OF 2002 NATIONAL DESIGN SPEC. BY AIA/ASD AND TPI.

CONNECTOR PLATES ARE MADE OF 20/10/16GA (4.0/55/PS) ASTM A653 GRADE 40/60 (4.0/55) GALV. STEEL - APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A & 100B.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER A3 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 AMST/TPI 1 SEC. 2.

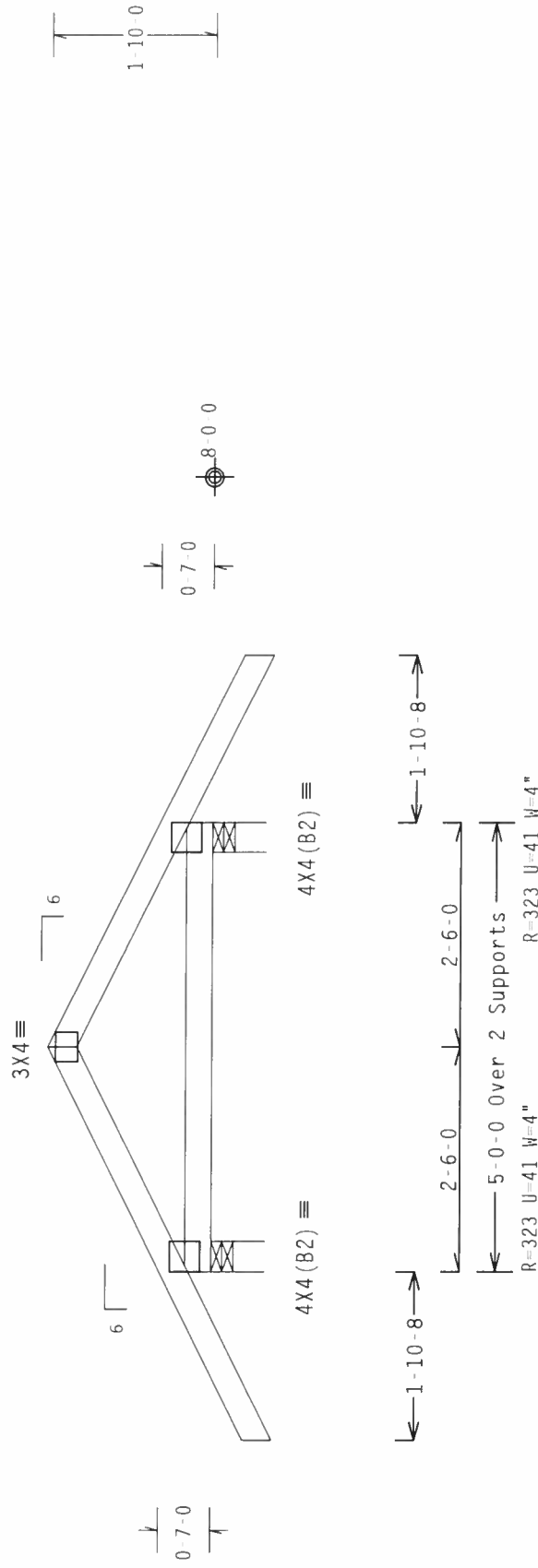
Top chord	2x4	SP	#2 N
Bot chord	2x4	SP	#2 N

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

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

The overall height of this truss excluding overhang is 1-10-0.

Wind reactions based on MWFRS pressures.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

 $Cq/RT=1.00(1.25)/0(0)$

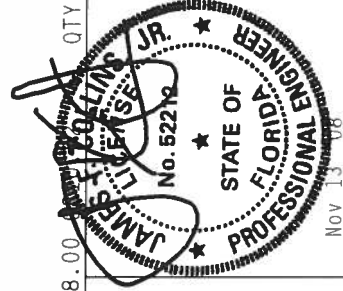
.00

OTY:3

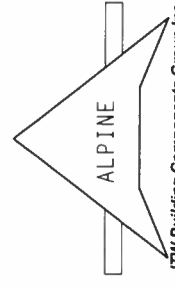
F11-151-1-1R1-

Scale = 5"/Et

TC LL	20.0	PSF	REF	R215--	44034
TC DL	10.0	PSF	DATE	11/13/08	
BC DL	10.0	PSF	DRW	HCUSR215	08318023
BC LL	0.0	PSF	HC-ENG	DLJ/DLJ	
TOT.LD.	40.0	PSF	SEQN-	150533	
DUR.FAC.	1.25		FROM	LRB	
SPACING	24.0"		JREE	1TM1215	702



Nov 13 08



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

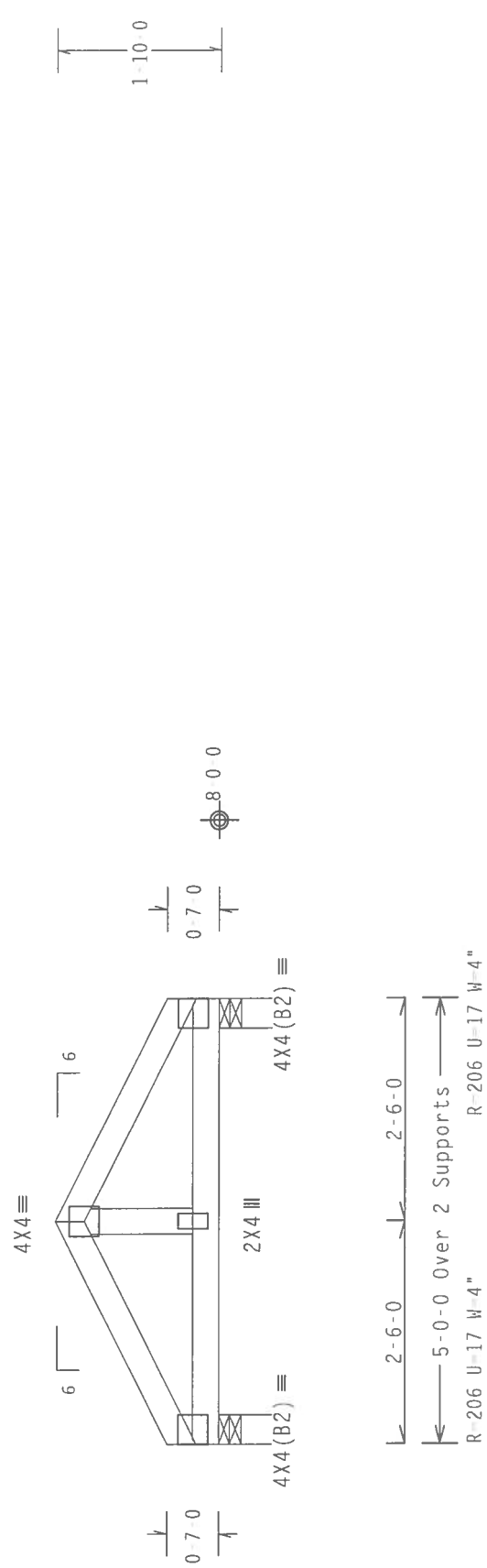
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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

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 110.0.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.38.00 7.38.00 QTY:1 FL/-/5/-/R/- Scale =.5"/Ft.

REF	TC LL	20.0 PSF	REF	R215--	44035
DATE	TC DL	10.0 PSF	DATE	11/13/08	
DRW	BC DL	10.0 PSF	DRW	HCUSR215	08318024
HC-ENG	BC LL	0.0 PSF	HC-ENG	DLJ/DLJ	*
SEQN-	TOT.LD.	40.0 PSF	SEQN-	150523	
FROM	DUR.FAC.	1.25	FROM	CDM	
JREF-	SPACING	24.0"	JREF-	1TML215_Z02	

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

STATE OF FLORIDA
No. 52212
PROFESSIONAL ENGINEER
Nov 13 2008

****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), 2100 INDUSTRIAL STREET, SUITE 312, ALEXANDRIA, VA, 22304 AND WFLA (WOOD FRAME LUMBER ASSOCIATION) FOR TRUSS SAFETY INFORMATION. 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 BCS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI'S OR FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES. DESIGN CORRECTIONS WITH APPLICABLE PROVISIONS OF BCS (NATIONAL DESIGN SPEC. BY AIA/ALP AND TPI) CORRECTOR PLATES ARE MADE OF 2018/16GA (W-1/55/55) ASTM A553 GRADE 40/50 (W, F/H, S5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING 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 ANNEX A3 SEC. 2.

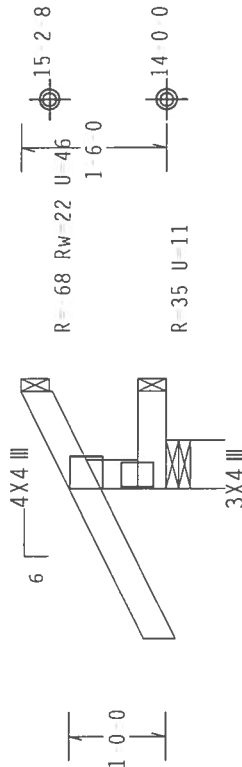
Top	chord	2x4	SP	2
Bot	chord	2x4	SP	2
	webs	2x4	SP	2

1110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf. lw1.00 GCpi(+/-)0.18

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

Wind reactions based on MIFRS pressures.

The overall height of this truss excluding overhang is 1.6-0.



1-6-8
1-0-0 Over 3 Supports
R=211 U=28 W=6"

Design Crit: TPI-2002(STD)/FBC

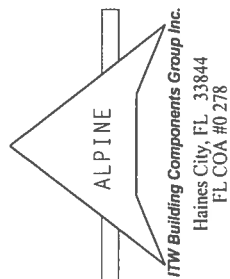
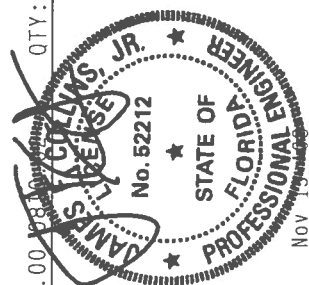
[illegible][illegible]

PLT TYP. Wave

~~00 1081000000~~ OTY:4 EL/-/5/-/R/-

Scale = 5"/Ft.

TC LL	20.0 PSF	REF R215 - 44036
TC DL	10.0 PSF	DATE 11/13/08
BC DL	10.0 PSF	DRW HCURSR215 08318025
BC LL	0.0 PSF	HC-ENG DLJ/DLJ
TOT.LD.	40.0 PSF	SEQN- 150352
DUR.FAC.	1.25	FROM LRB
SPACING	24.0"	JREF- 1TML215_Z02



(5119H /LAGONI /EDGELY CONSTRUCTION -- LAKE CITY, FL -- JC3)

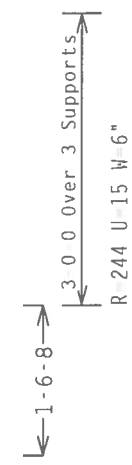
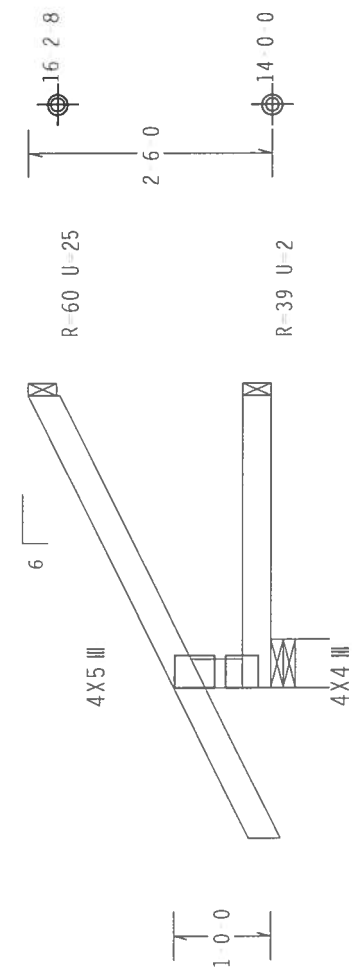
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

110 mph wind, 15.36 ft mean hgt, ASCE 7-02, CLOSED bldg. Located anywhere in roof, CAT II, EXP B, wind TC DL 5.0 psf, wind BC DL 5.0 psf. $I_w=1.00$ $G_{CPI}(\gamma)=0.18$

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 26'0".



Design Crit: TPI-2002(STD)/FBC
 $C_q/R_T=1.00(1.25)/0(0)$

PLT TYP. Wave	QTY: 4	FL / - / 5 / - / R / -	Scale = .5" / Ft.
	TC LL	20.0 PSF	REF R215 -- 44037
	TC DL	10.0 PSF	DATE 11/13/08
	BC DL	10.0 PSF	DRW HCUSR215 08318026
	BC LL	0.0 PSF	HC-ENG DLJ/DLJ *
	TOT.LD.	40.0 PSF	SEQN- 150358
	DUR.FAC.	1.25	FROM LRB
	SPACING	24.0"	JREF- 1TML215_Z02

****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 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MEGA HOOD TRUSS COMPANY OF AMERICA, 6100 ENTERPRISE LANE, HADSPER, MO, 63770) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PLATES AND BOLTER CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** TURN OVER A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. NEW FABRICATOR MUST FOLLOW THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF 2010 NATIONAL DESIGN SPEC. BY AISC AND TPI. ITW BCG CONECTOR PLATES ARE MADE OF 2010/16GA (40/55/50) ASH A653 GRADE 40/50 (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 AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC. 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 AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC. 2.

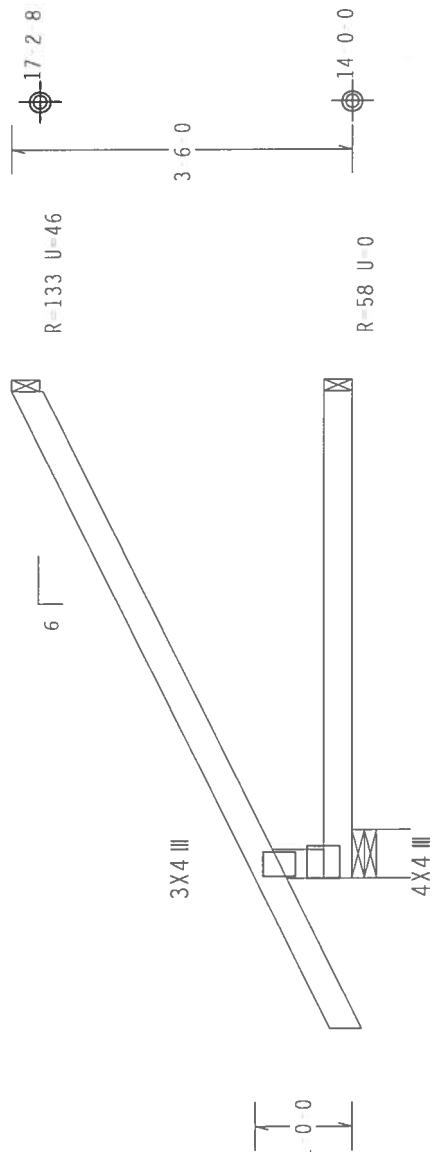
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0278

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

1110 mph wind, 15.86 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $f_w=1.00$ GCpi() 0.18

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

The overall height of this truss excluding overhang is 3.6-0.



← 1-6-8 →

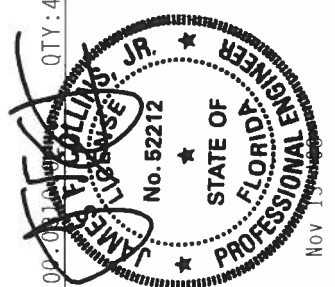
← 5-0-0 Over 3 Supports →

R-317 U-18 W-6"

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

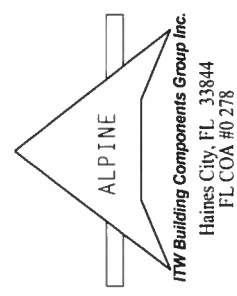
Scale = .5"/Ft.

TC LL	20.0 PSF	REF	R215 -	44038
TC DL	10.0 PSF	DATE	11/13/08	
BC DL	10.0 PSF	DRW	HCUSR215	08318027
BC LL	0.0 PSF	HC-ENG	DLJ/DLJ	*
TOT.LD.	40.0 PSF	SEQN-	150363	
DUR.FAC.	1.25	FROM	LRB	
SPACING	24.0"	JREF-	1TML215_Z02	



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RESIST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI TRUSS PANEL DESIGNER, 710 BROADWAY AVE., SUITE 300, ALBANY, NY 12208-6902, TEL: 518/263-3333, FAX: 518/263-3334, WWW.TPI.COM, FOR COMPLETE LITERATURE. HANDBOOK #A-532/09 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED SUBSTRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. TPI BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DETAILING FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI'S OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING INSTRUCTIONS WILL VOID THE TPI BCG DESIGN COMPLIANCE WITH APPLICABLE PROVISIONS OF AISC/AISI DESIGN SPEC., BY ACIPAA, AND TPI CONNECTOR PLATES MADE OF 2010/11H4 (M/M/S)PS, ASTM A563 GRADE 40/60 (H, K/H-S5), GALV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES IS REQUIRED BY CLIENTS PER AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPLYING WITH DESIGN SHOWN. THE SATELIABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISI/TPI 1 SEC. 2.

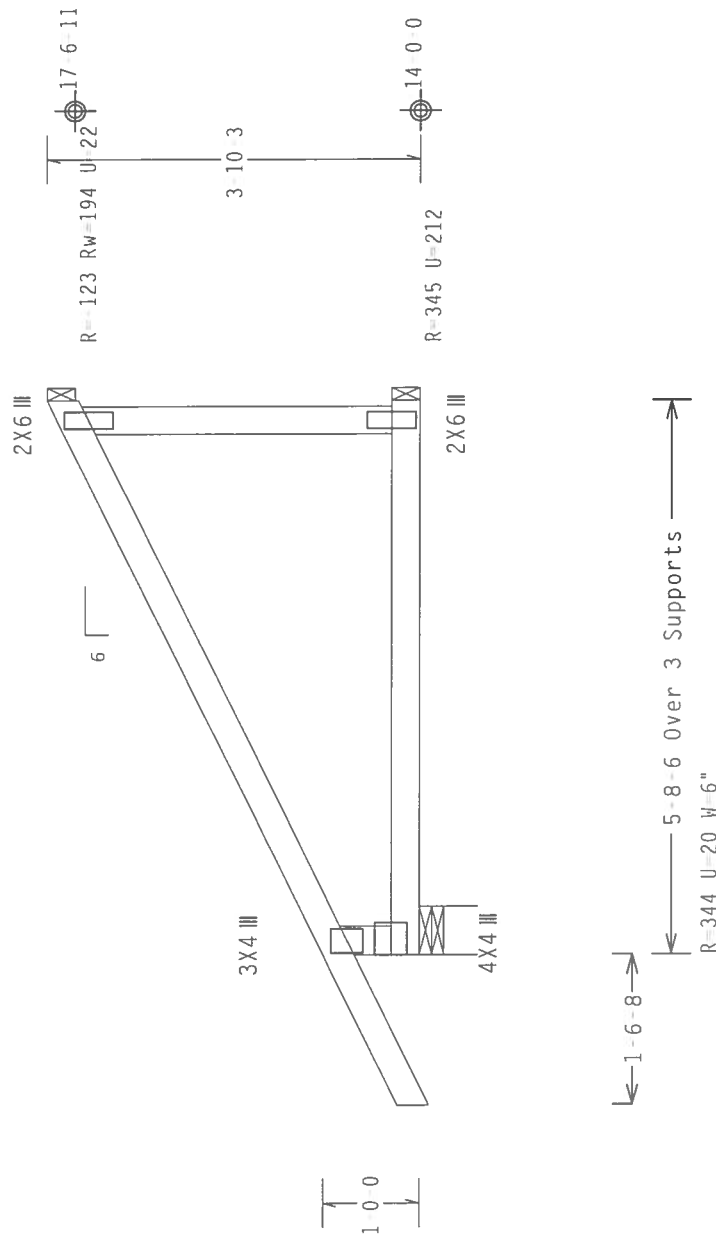


Top	chord	2x4	SP	//	2	N
Bot	chord	2x4	SP	//	2	N
	webs	2x4	SP	//	2	N

1110 mph wind, 16.04 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi(+/-)0.18

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

The overall height of this truss excluding overhang is 3' 10" 3.



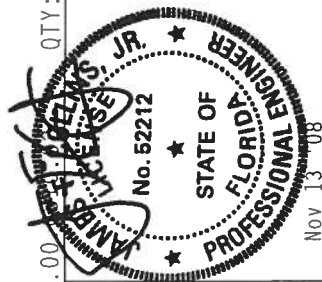
Design Crit: TPI-2002(STD)/FBC

7.38.00

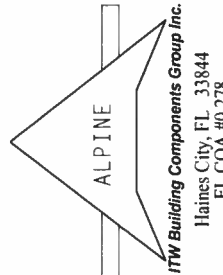
Scale = .5"/Ft.

WARNING HUNNES REQUIRE CEILING CARL IN FABRICATION HANDED LIES SHIPPING (CEILING LING AND BRACING RULER TO BE) BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY IPT (FRESH PLATE INSTITUTE, 218 NORTH LEE STREET, ALBANY 312, ALABAMA, VA 22134) AND MICA (GOOD PRESS, COUNCIL OF AMERICA, 6300 UNIVERSITY LANE, MADISON WI 53719). FOR SAFETY PRACTICES (HOW TO PERFORMING THE FUNCTIONS, HUNNES OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING

TC LL	20.0 PSF	REF R215 - - 44039
TC DL	10.0 PSF	DATE 11/13/08
BC DL	10.0 PSF	DRW HCUR215 08318028
BC LL	0.0 PSF	HC-ENG DLJ/DLJ
TOT.LD.	40.0 PSF	SEQN- 150321
DUR.FAC.	1.25	FROM LRB
SPACING	24.0"	JREF- ITML215 702



Nov 13 '08



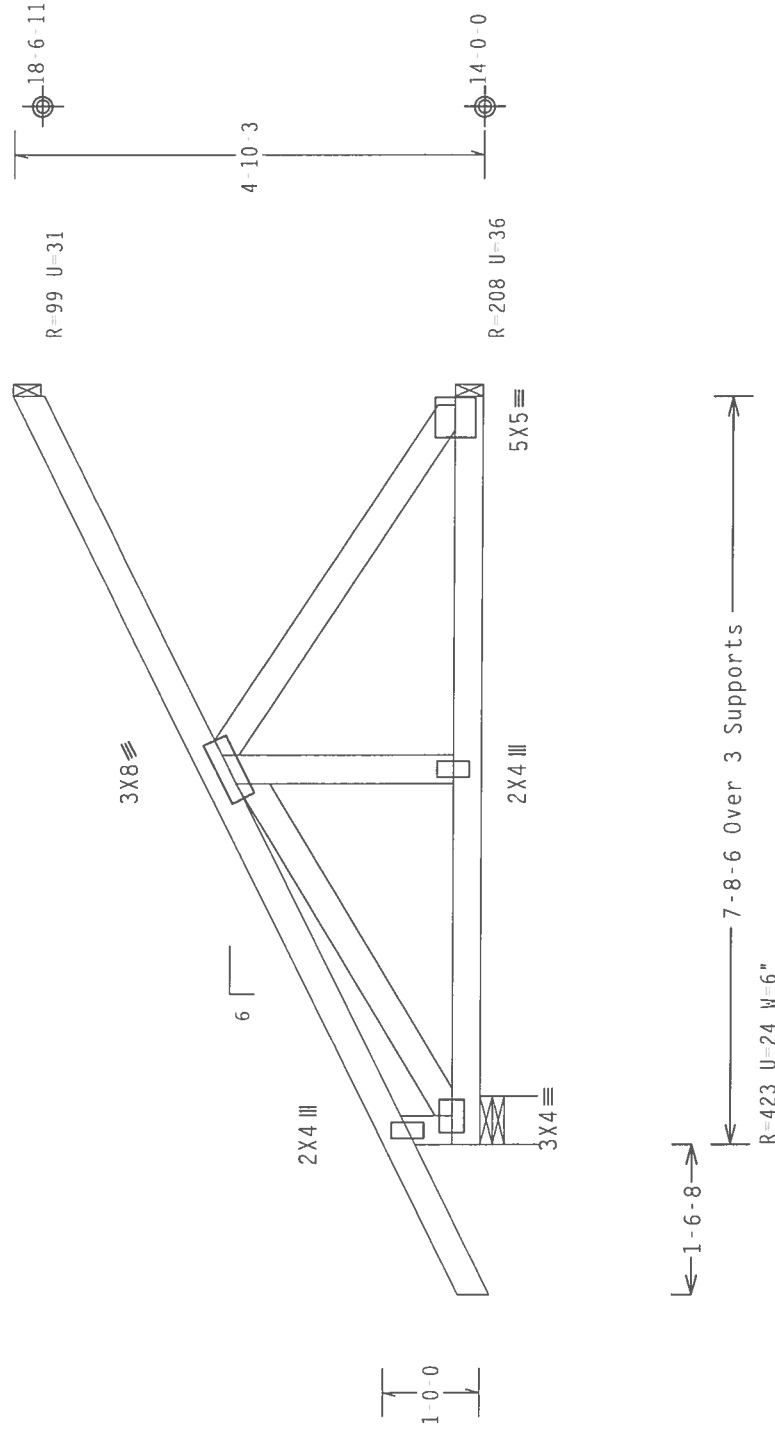
Top chord	2x4	SP	#2 N
Bot chord	2x4	SP	#2 N
webs	2x4	SP	#2 N

110 mph wind, 16.54 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCpi (+/-)=0.18

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

Wind reactions based on MWFRS pressures.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

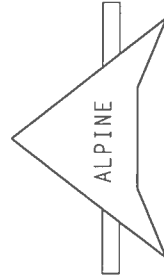
 $Cq/RT=1.00(1.25)/0(0)$

QTY:2 FL/-/5/-/1-R/-

Scale = 5"/Ft

WARNING BUILDERS REQUIRE CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RECS. CONSULTING ENGINEER, STRUCTURAL SPECIALTY, INC., 100 SOUTH BAY DRIVE, SUITE 200, CHICAGO, ILL. 60605. NORTH ALE STATE, SUITE 312, 454 ANDRIA, VA 22703. WILSON, JOSEPH E. & ASSOCIATES, INC., 1000 N. W. 57TH AVENUE, MIAMI, FL 33157. FOR SPECIFIC PRACTICES PRIOR TO PERFORMING ANY STRUCTURAL WORK, CONSULT WITH THE DESIGNER. OTHERS INDICATED FOR CORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOLTS. CORD SHALL HAVE PROPERLY ATTACHED BULFID CORDING.

TC LL	20.0	PSF	REF	R215 -- 44040
TC DL	10.0	PSF	DATE	11/13/08
BC DL	10.0	PSF	DRW	HCUSTR215 08318029
BC LL	0.0	PSF	HC-ENG	DLJ/DLJ *
TOT.LD.	40.0	PSF	SEQN	150326
DUR.FAC.	1.25		FROM	LRB
SPACING	24.0"		UREF	1TMI 215 702



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

Nov 13 08:00

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

110 mph wind, 17.04 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf. lw 1.00 GCpi(1/-)=0.18

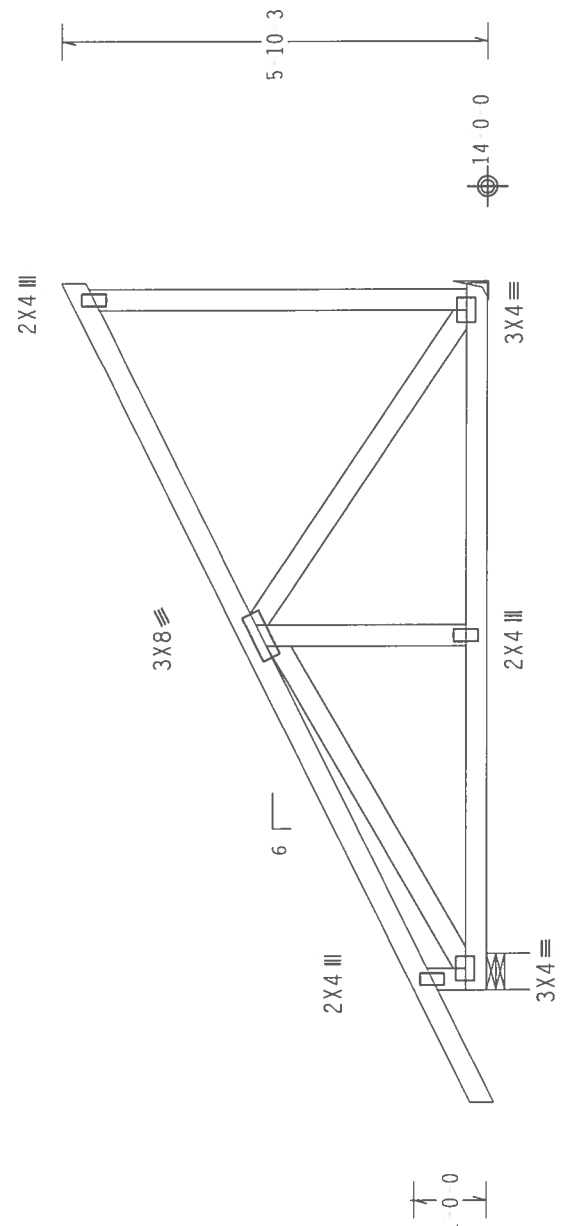
H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

The overall height of this truss excluding overhang is 5 10 3.



≤1-6-8

9-8-6 Over 2 Supports
R=500 U=29 W=6"

R=395 U-88 H-Simpson LU24
w/ (2) 10d, 0.148"x1.5" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min 50.Pine
QTY: 2 FL/- /5/- /- /R/-

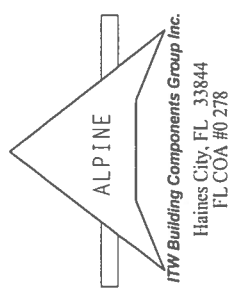
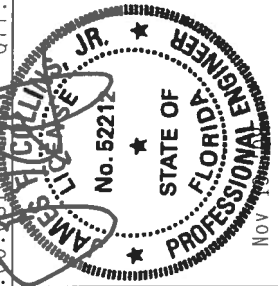
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0)

Scale = .375"/Ft.

****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, 2710 NORTH LEE STREET, SUITE 317, ALEXANDRIA, VA, 22314) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, INDIANAPOLIS, IN 46241) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS 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 TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF BOB (NATIONAL DESIGN SPEC. BY AIA) AND TPI. THE BCG CORRELATOR PLATES ARE MADE OF 2010/16GA (40/10/55/PS) ASTM A653 GRADE 40/40 (4, 2/10/55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSSES 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.

TC LL	20.0	PSF	REF	R215	44041
TC DL	10.0	PSF	DATE	11/13/08	
BC DL	10.0	PSF	DRW	HCUSR215	08318030
BC LL	0.0	PSF	HC-ENG	DLJ/DLJ	*
TOT.LD.	40.0	PSF	SEQN	150332	
DUR.FAC.	1.25		FROM	LRB	
SPACING	24.0"		JREF	1TML215	Z02



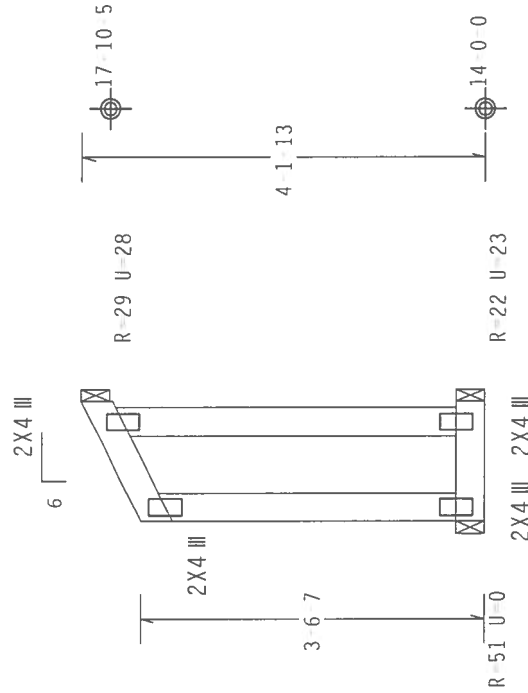
Top chord	2x4	SP	#2	N
Bot chord	2x4	SP	#2	N
webs	2x4	SP	#2	N

110 mph wind, 17.84 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCpi(+/-)=0.18

Left end vertical not exposed to wind pressure.

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

The overall height of this truss excluding overhang is 4-1-13.



1-2-12 Over 3 Supports

Design Crit: TPI-2002(STD)/FBC

 $Cq/RT=1.00(1.25)/0(0)$

7

QTY: 2

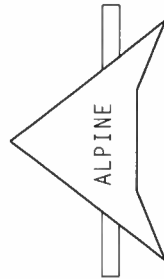
FL/15/1-1-R/-

Scale = 5" / Ft.

WARNING RUSSIES ROUTING THE EXTERNAL CABLE TO PARADISE HARBOR INC., SHIPPING, INSTALLING AND BRACING.
REFLECT TO BEST BUILDING COMPONENT SAFETY INFORMATION (COPD) FOR PAPERED BY
NORTH LEBE SILENT SITE 312 AZZARRIA VA 29114A AND MEAN (GOLD) TRUCKS COINCIDENTAL
UNDEVELOPED AREA, HARBOUR, MI 53719A FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS,
OTHERWISE INDICATED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE
PROPERLY ATTACHED RIGID CELLING.

****WARNING**** TRUSSES, INCLUDING EXTERIOR, CABLE IN TENSION, HANDLING, SHIPPING, INSTALLING AND BRACING, ARE TO BE USED ONLY BY PERSONS WHOSE QUALIFICATIONS ARE PUBLISHED IN THE FOLLOWING: THE NATIONAL ASSOCIATION OF TRUSS BUILDERS, 100 NORTH LEE STREET, SUITE 312, WEST PALM BEACH, FL 33411; AND NCA, 4000 TRUSS, COUNCIL OF AMERICA, ENTERPRISE LANE, HAMILTON, MI 48431; OR 53719; FOR SOCIETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED THE CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CING.

****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 ITM BCG, INC. OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING, OF TRUSSES.

[illegible]

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

Nov 13 08

JREF- 1TML215 Z02

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

110 mph wind, 18.84 ft mean hgt, ASCE 7 02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL 5.0 psf, wind BC DL 5.0 psf. $I_w=1.00$ Gcpi (+/-) 0.18

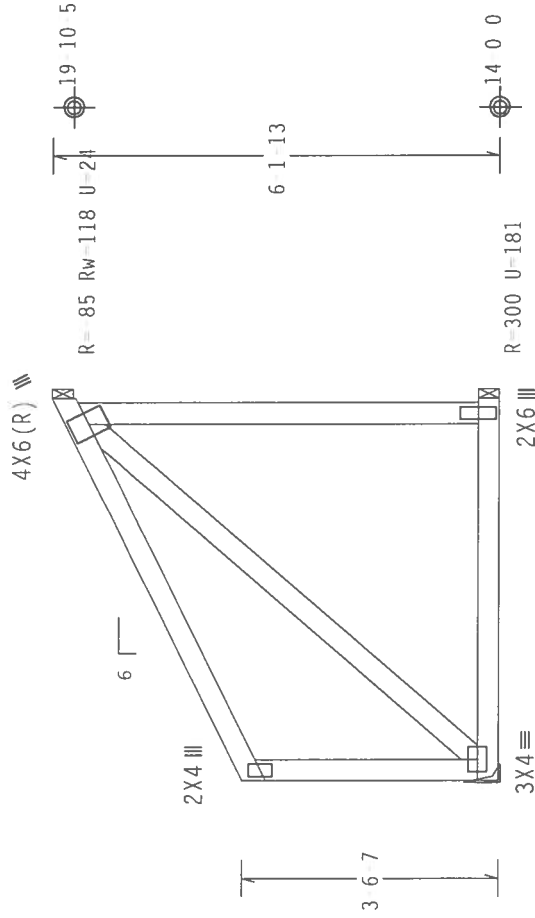
Left end vertical not exposed to wind pressure.

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

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 61.13.



5-2-12 Over 3 Supports $\Rightarrow$

R=215 U=0 H=Simpson LU24
w/ (2) 10d, 0.148"x1.5" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (2)x12 mlti S.D. Pine-2002 (STD) /FBC

PLT TYP. Wave

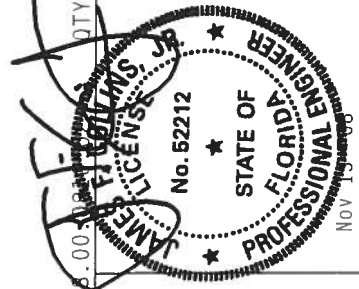
$$Ca/RT=1.00(1.25)/0(0)$$

QTY: 2 FI 1-151-1-1R1-

$$\text{Scale} = 375''/\text{Ft}$$

*WARNING** INCESS BOUNDRY EXTERIOR CABIN IN TARDATION, HARDING, SHIPPIING, DESTALLATING AND BRACING
 REFER TO BESI INCESS BOUNDRY COMPONENT SAFETY INFORMATION, PAGES 10-11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 8

TC LL	20.0	PSF	REF	R215 --	44044
TC DL	10.0	PSF	DATE	11/13/08	
BC DL	10.0	PSF	DRW	HCUSR215	08318033
BC LL	0.0	PSF	HC-ENG	DLJ/DLJ	*
TOT.LD.	40.0	PSF	SEQN-	150309	
DUR.FAC.	1.25		FROM	LRB	
SPACING	24.0"		JREF-	1TML215	Z02



ALPINE

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

Top chord	2x4	SP	2
Bot chord	2x4	SP	2
Web	2x4	SP	2

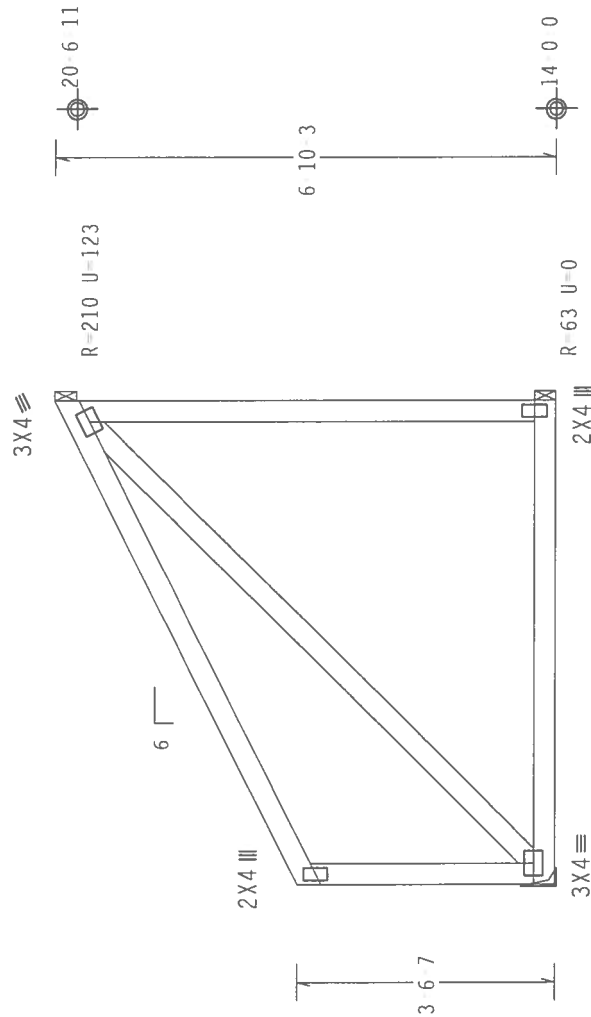
110 mph wind, 19.19 ft mean hgt, ASCE 7 02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL 5.0 psf, wind BC DL 5.0 psf. $I_w = 1.00$ $G_{Cpi}(\%) = 0.18$

End verticals not exposed to wind pressure.

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

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

The overall height of this truss excluding overhang is 6 10 3.



6-7-8 Over 3 Supports

R-273 U-0 H Simpson LU24
w/ (2) 10d, 0.148"x1.5" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is 3"x12" min. I-beam. 2002 (STD) / FBC

PLT TYP. Wave

$$C_0/RT = 1.00(1.25)/0(0)$$

7.38.00

Scale = 375"/Ft

[illegible]

TC LL	20.0 PSF	REF	R215--	44045
TC DL	10.0 PSF	DATE	11/13/08	
BC DL	10.0 PSF	DRW	HCUSR215 08318016	
BC LL	0.0 PSF	HC-ENG	DLJ/DLJ	
TOT.LD.	40.0 PSF	SEQN-	150315	
DUR.FAC.	1.25	FROM	LRB	
SPACING	24.0"	JREF-	11M215 702	

NOV 1 1964



ALPINE

ITW Building Components Group Inc.
 Haines City, FL 33844
 Tel. 800.440.2778

(5119H / LAGONI / EDGELY CONSTRUCTION - LAKE CITY, FL - J7A)

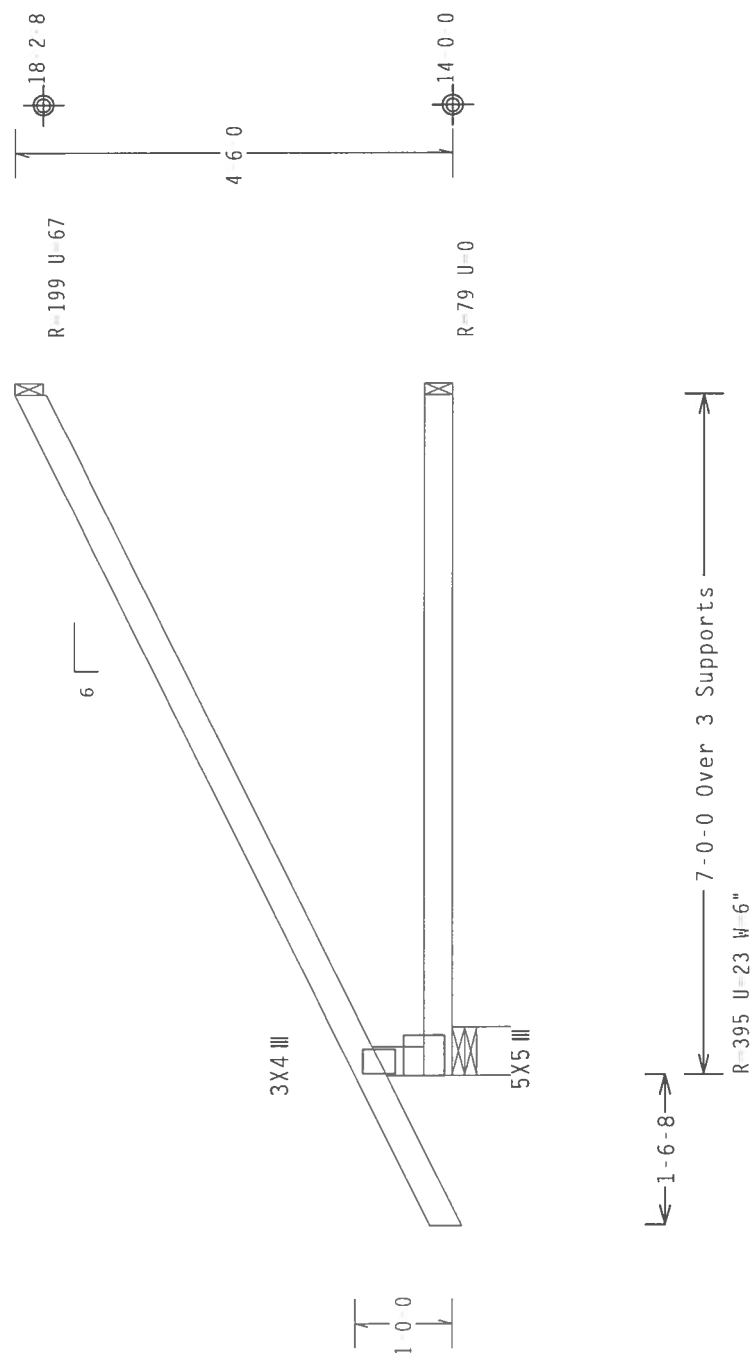
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

110 mph wind, 16.36 ft mean hgt, ASCE 7 02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw 1.00 GCpi(i)=0.18

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

Wind reactions based on MHFRS pressures.

The overall height of this truss excluding overhang is 4 6 0.



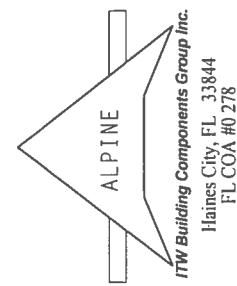
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0)

QTY:17 FL/-/5/-/R/-

Scale = .5" / Ft.

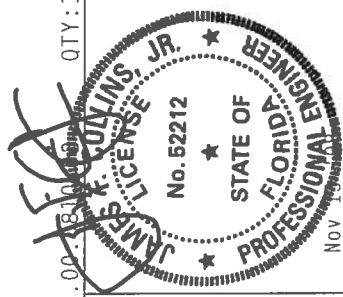
TC LL	20.0 PSF	REF	R215 -	44046
TC DL	10.0 PSF	DATE	11/13/08	
BC DL	10.0 PSF	DRW	HCUSR215	08318017
BC LL	0.0 PSF	HC-ENG	DLJ/DLJ	*
TOT.LD.	40.0 PSF	SEQN	150368	
DUR.FAC.	1.25	FROM	LRB	
SPACING	24.0"	JREF	1TML215	Z02

PLT TYP. Wave



****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, NE 68601) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE SPECIFIED, ALL TRUSSES 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 REG. ENG. 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 REG. CONNECTOR PLATES ARE MADE OF 20/18/16GA (40/55/55) ASTM A653 GRADE 30/60 (40, 55/55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A 7. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC. 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 AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC. 1 SEC. 7.



(5119H /LAGONI /EDGELY CONSTRUCTION - LAKE CITY, FL - JH9)

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

110 mph wind, 19.18 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ $G_{CPI}(\pm)=0.18$

Wind reactions based on MWFRS pressures.

End verticals not exposed to wind pressure.

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

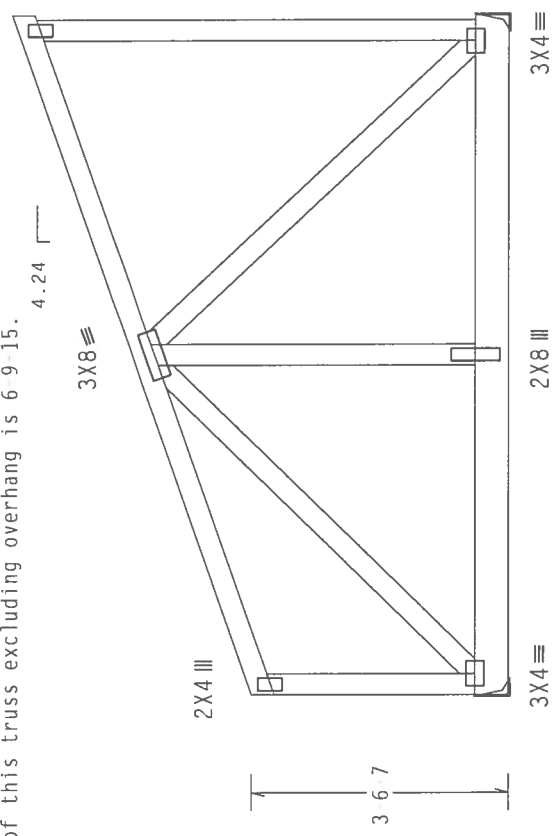
The overall height of this truss excluding overhang is 6-9-15.

SPECIAL LOADS

TC	From	LUMBER	DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
BC	From	61 PLF at 0.00 to	61 PLF at 9.31
TC	From	20 PLF at 0.00 to	20 PLF at 9.31
TC	123 LB Conc.	Load at	0.88
TC	29 LB Conc.	Load at	1.74
TC	99 LB Conc.	Load at	3.71
TC	23 LB Conc.	Load at	4.57
TC	85 LB Conc.	Load at	7.40
BC	345 LB Conc.	Load at	0.88
BC	22 LB Conc.	Load at	1.74
BC	208 LB Conc.	Load at	3.71
BC	110 LB Conc.	Load at	4.57
BC	395 LB Conc.	Load at	6.54
BC	300 LB Conc.	Load at	7.40

2X4 III

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



9-3-11 Over 2 Supports
R=1027 U-460 H=Simpson SUL210
w/ (10) 10d, 0.148"x1.5" nails in Truss
w/ (10) 10d Common, 0.148"x3.0" nails in Girder
Girder is (3) 2X12 min. Sp. TPI-2002 (STD) / FBC
Design Crf: $C_q/RT=1.00(1.25)/0(0)$

R-1052 U-385 H=Simpson SUL26
w/ (6) 10d, 0.148"x1.5" nails in Truss
w/ (6) 16d, 0.162"x2.5" nails in Girder
Girder is (2) 2X6 min. So.Pine

PLT TYP. Wave

7.38.00.00 QTY:1 FL/-/5/-/R/- Scale = .375"/Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 210 NORTH ILL STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND IBCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE NOTED, ALL DIMENSIONS AND MATERIALS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID SETTING.

IMPORTANT PROVIDE A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BFG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD IN ACCORDANCE WITH THE BFG, INC. TRUSS DESIGN, OR ANY FAILURE TO FOLLOW THE INSTALLATION INSTRUCTIONS. THE BFG, INC. SHALL NOT BE RESPONSIBLE FOR ANY FAILURE TO FOLLOW THE INSTALLATION INSTRUCTIONS. THE BFG, INC. SHALL NOT BE RESPONSIBLE FOR ANY FAILURE TO FOLLOW THE INSTALLATION INSTRUCTIONS. THE BFG, INC. SHALL NOT BE RESPONSIBLE FOR ANY FAILURE TO FOLLOW THE INSTALLATION INSTRUCTIONS.

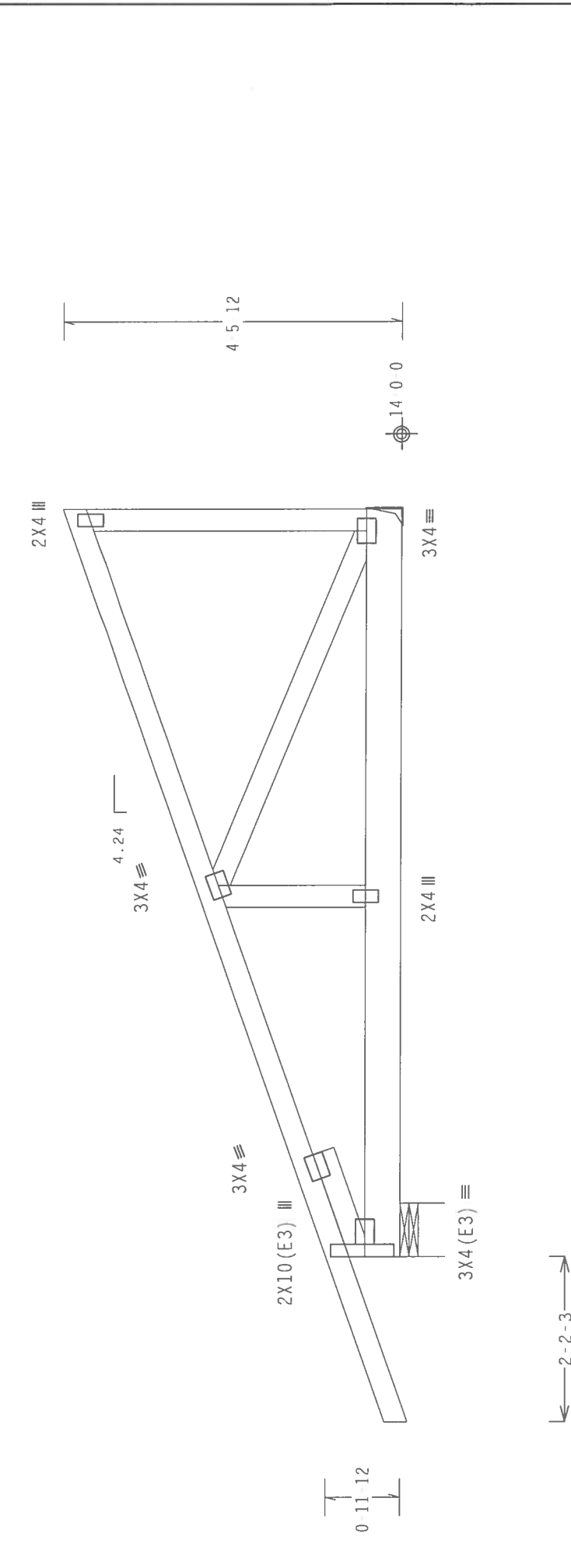
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0278

Nov 13 08

TC LL	20.0 PSF	REF	R215	44047
TC DL	10.0 PSF	DATE	11/13/08	
BC DL	10.0 PSF	DRW	HCUSR215	08318018
BC LL	0.0 PSF	HC-ENG	DLJ/DLJ	
TOT.LD.	40.0 PSF	SEQN	150341	
DUR.FAC.	1.25	FROM	LRB	
SPACING	24.0"	JREF	1TML215_Z02	

Top chord 2x4 SP #2 N
Bot chord 2x6 SP SS
Webs 2x4 SP #2 N
: Lt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.500'
110 mph wind, 16.34 ft mean hgt, ASCE 7 02, CLOSED bldg, not located
within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind
BC DL=5.0 psf. $I_w=1.00$ $G_{Cpi}(-)=0.18$
Wind reactions based on MWFRS pressures.

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.
The overall height of this truss excluding overhang is 4 5 12.



PLT TYP. Wave
Design Crit: TPI-2002(STD)/FBC
 $C_q/RT=1.00(1.25)/0(0)$ 7.38.00
Scale = .5"/Ft.
R-739 U-148 H-Simpson LSU26
w/ (5) 10d, 0.148"x1.5" nails in Truss
w/ (6) 10d Common, 0.148"x3.0" nails in Girder
GIRDER IS (2) 2X6 min. So.Pine
QTY: 2 FL/-/5/-/R/-

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

WARNING** TRUSSES REQUIRING EXTERIOR CARL TH FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. WITH TO BEST BUILDING COMPONENT SAFETY INFORMATION. PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 ALPINE DRIVE, SUITE 312, ALPINE, TEXAS 75011) AND TPI (TRUSS PLATE INSTITUTE, 210 ALPINE DRIVE, SUITE 312, ALPINE, TEXAS 75011) FOR THE PURPOSE OF PROVIDING INFORMATION TO THE USER. THE USER SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND BRACING OF THE TRUSS. THE USER SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

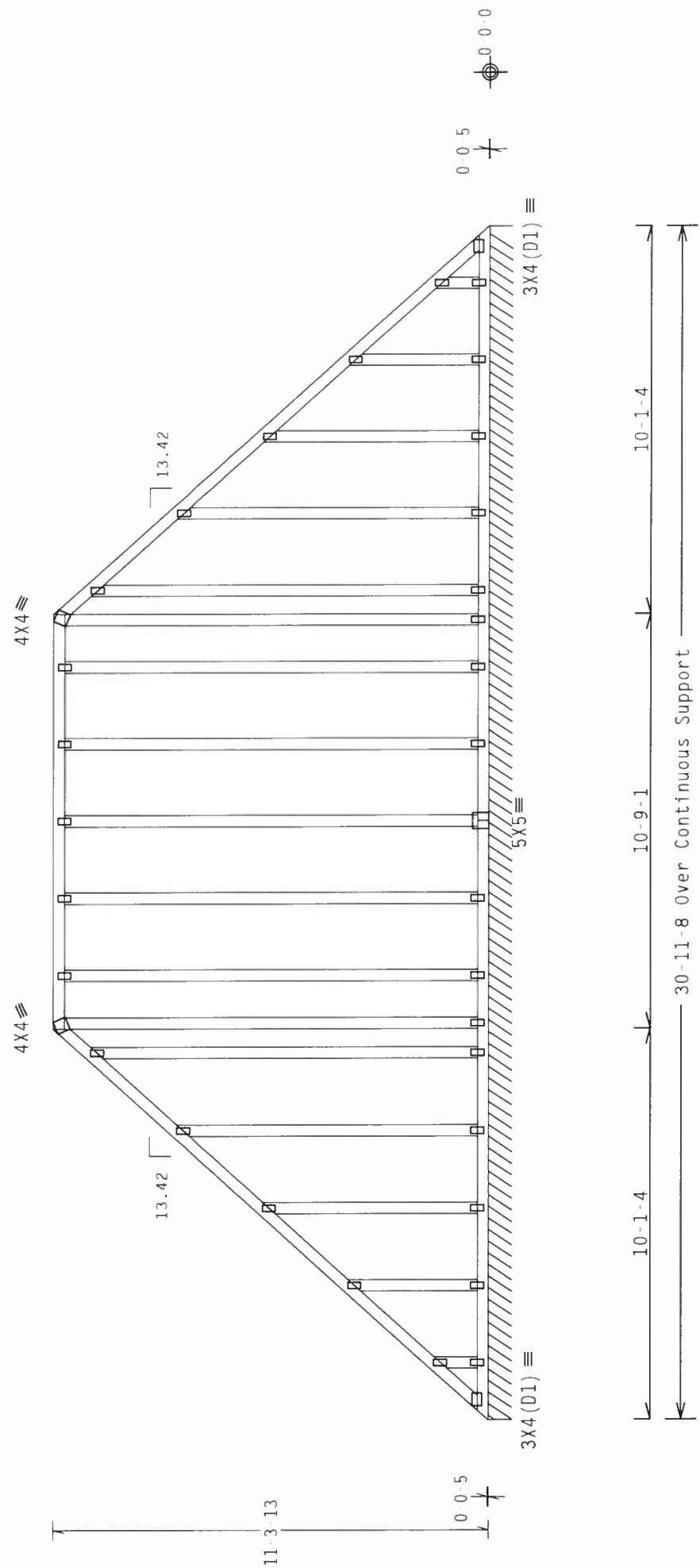
****IMPORTANT**** *UNLESS A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR, ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF IBCS (NATIONAL DESIGN SPEC. BY AIA/PA) AND TPI. CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/J/SS/P) ASTM A653 GRADE 40/40 (N, K/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMEX 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 SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMEX/TPI 1 SEC. 2.

TC LL	20.0 PSF	REF	R215 - -	44048
TC DL	10.0 PSF	DATE	11/13/08	
BC DL	10.0 PSF	DRW	HCUSR215	08318019
BC LL	0.0 PSF	HC-ENG	DLJ/DLJ	
TOT.LD.	40.0 PSF	SEQN-	150513	
DUR.FAC.	1.25	FROM	LRB	
SPACING	24.0"	JREF-	1TML215_Z02	

JAMES E. JENSEN, JR.
No. 52212
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Nov 13 '08

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

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 HIPFRAME0207 for more information.



Note: All Plates Are 2x4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/0(0)

7.38

QTY:1

FL/-/5/-/R/-

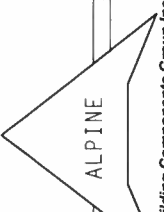
Scale = .25"/Ft.

TC LL	20.0 PSF	REF	R215 - -	44049
TC DL	10.0 PSF	DATE	11/13/08	
BC DL	10.0 PSF	DRW	HCUSR215	08318020
BC LL	0.0 PSF	HC-ENG	DLJ/DLJ	
TOT.LD.	40.0 PSF	SEQN -	150503	
DUR.FAC.	1.25	FROM	LRB	
SPACING	24.0"	JREF	1TML215	Z02

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 218 NORTH LEE STREET, SUITE 312, ALTAMONTA, VA, 22114 AND HCA (WOOD TRUSS, GUIDELINE OF AMERICA, 6300 WILSON ROAD, SUITE 100, WILSON, NC 27157) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, ALL TRUSSES SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

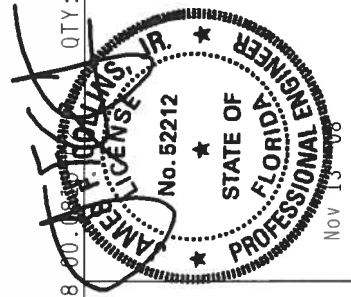
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE DESIGNER SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING OR BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF BOB (NATIONAL DESIGN SPEC. BY ALPINE) AND TPI. THE DESIGN CONTRACTOR PLATES ARE MADE OF 20/10/16GA (9.4/55/53) ASTM A653 GRADE 30/60 (H, K/H-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMEAS OF TPI 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGNER. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMEAS/TPI 1 SEC. 2.



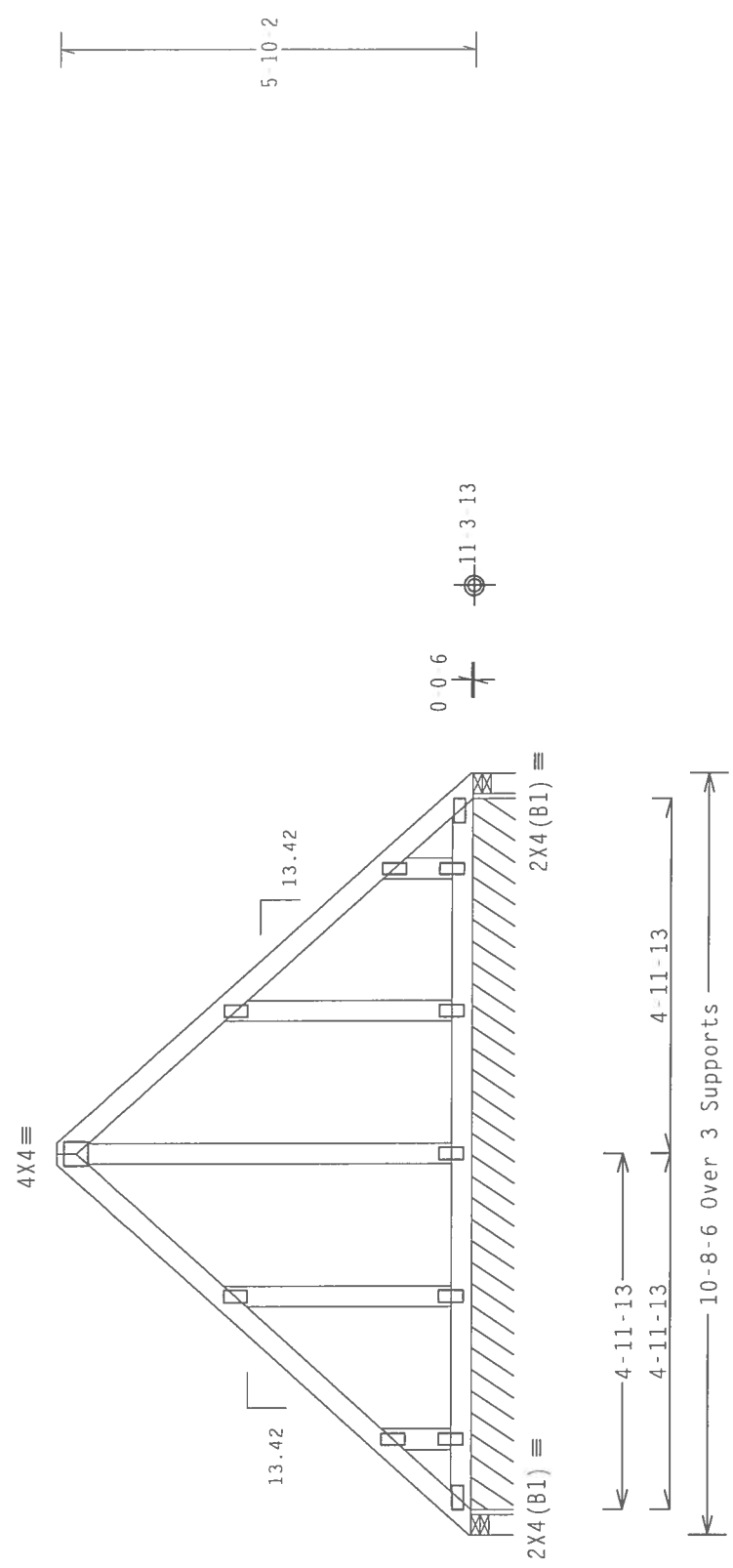
ALPINE

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



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

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 HIPFRAME0207 for more information.



Note: All Plates Are 2x4 Except As Shown.

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

PLT TYP. Wave

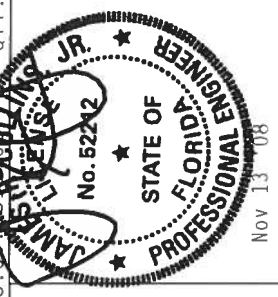
7.38.00

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

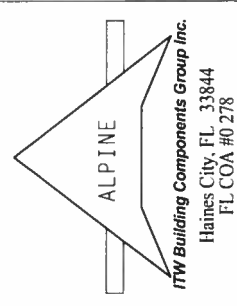
Scale = .375"/ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, SHIPPING, HANDLING, INSTALLING AND BRACING. REFER TO BEST PRACTICES FOR BUILDING COMPONENT SAFETY (BPCS) FOR TRUSS DESIGN AND CONSTRUCTION. TRUSSES ARE NOT TO BE USED FOR ANY OTHER PURPOSES. ALL TRUSSES ARE DESIGNED FOR A DESIGN LIFE OF 100 YEARS. TRUSSES ARE NOT TO BE USED FOR ANY OTHER PURPOSES. ALL TRUSSES ARE DESIGNED FOR A DESIGN LIFE OF 100 YEARS. TRUSSES ARE NOT TO BE USED FOR ANY OTHER PURPOSES. ALL TRUSSES ARE DESIGNED FOR A DESIGN LIFE OF 100 YEARS.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE HCC, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE OF THE TRUSS IN CONFORMANCE WITH THE DESIGN COORDINATOR'S APPLICABLE PROVISIONS OF AIA (NATIONAL DESIGN SPEC., BY AIA/P) AND TPI. CONNECTOR PLATES ARE MADE OF 70/18/16GA (4-H/55/5) ASTM A653 GRADE 40/60 (4, 4/H/55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING 16GA 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. THE STABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



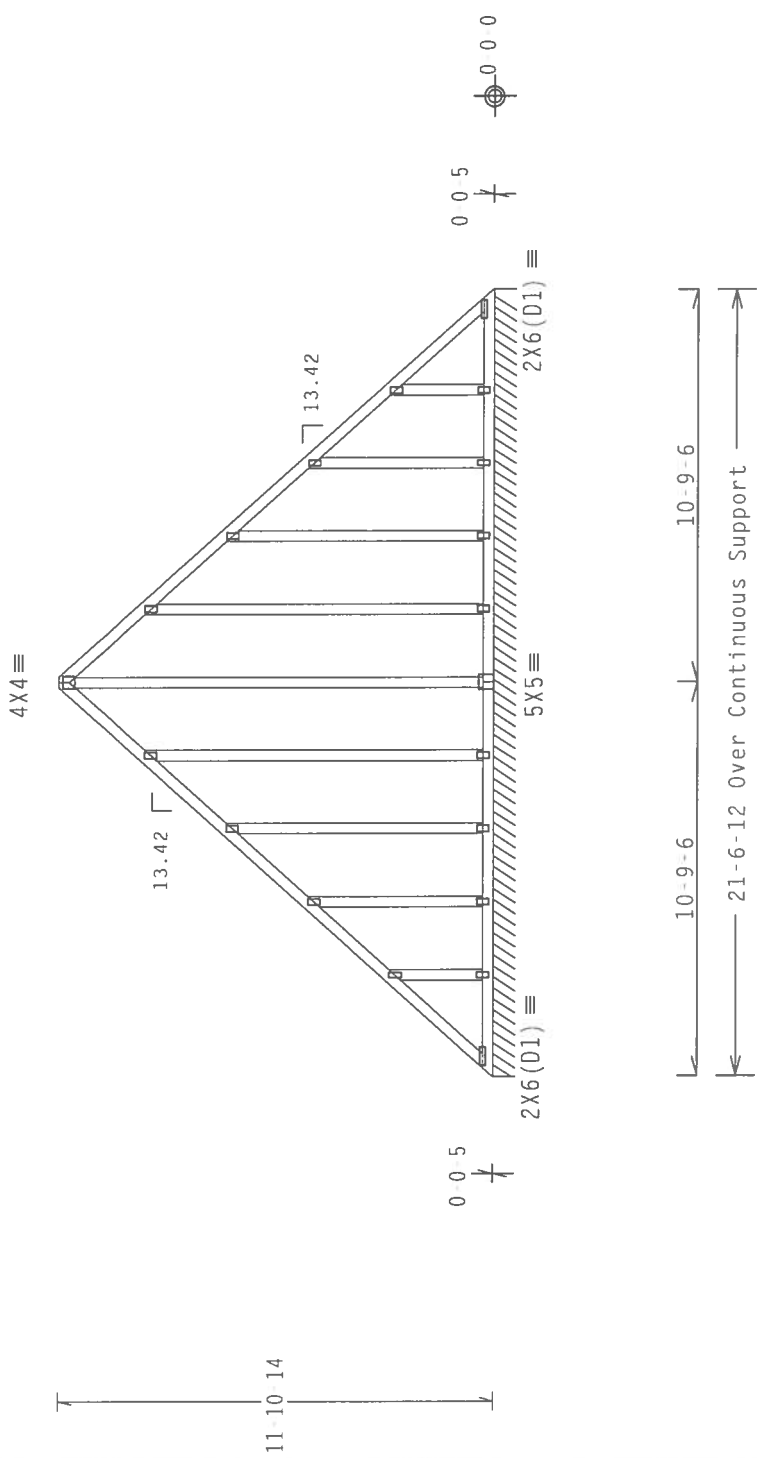
TC LL	20.0 PSF	REF	R215 - -	44050
TC DL	10.0 PSF	DATE	11/13/08	
BC DL	10.0 PSF	DRW	HCUSR215	08318021
BC LL	0.0 PSF	HC-ENG	DLJ/DLJ	
TOT.LD.	40.0 PSF	SEQN	150518	
DUR.FAC.	1.25	FROM	LRB	
SPACING	24.0"	JREF	1TML215_Z02	



(5119H /LAGONI /EDGELY CONSTRUCTION -- LAKE CITY, FL -- PF3)

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

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 HIPFRAME0207 for more information.

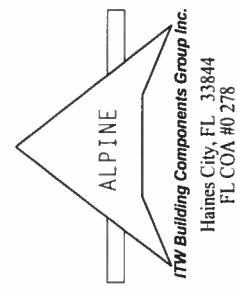


Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cg/RT=1.00(1.25)/0(0) 7.38 000 QTY:1 FL/-/5/-/-/R/- Scale = .1875"/Ft.

TC LL	20.0 PSF	REF	R215 --	44051
TC DL	10.0 PSF	DATE	11/13/08	
BC DL	10.0 PSF	DRW	HCUSR215	08318022
BC LL	0.0 PSF	HC-ENG	DLJ/DLJ	
TOT.LD.	40.0 PSF	SEQN	150516	
DUR.FAC.	1.25	FROM	LRB	
SPACING	24.0"	JREF	1TML215	Z02



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND IMAGING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 218 NORTH 11TH STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 WOODBURN AVENUE, SUITE 100, WOODBURN, CO, 80091) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED FOR TRUSS, ALL TRUSSES 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, THE SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO THE TRUSS DURING THE INSTALLATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CORROSION WITH APPLICABLE PROVISIONS OF BDS (NATIONAL DESIGN SPEC, BY ACPA) AND TPI. THE BCG CORRELATOR PLATES ARE MADE OF 20/18/16GA (W-10/55/53) ASTM A653 GRADE 40/60 (M. 1/2H/55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS FIG. 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) DESIGN SPECIFICATIONS FOR STRUCTURAL STEEL, 4TH EDITION, 1989. (2) SHALL BE PER AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) DESIGN SPECIFICATIONS FOR STRUCTURAL STEEL, 4TH EDITION, 1989. 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 AMSE/TPI 1 SEC. 2.

CLB WEB BRACE SUBSTITUTION

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

NOTES:

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.

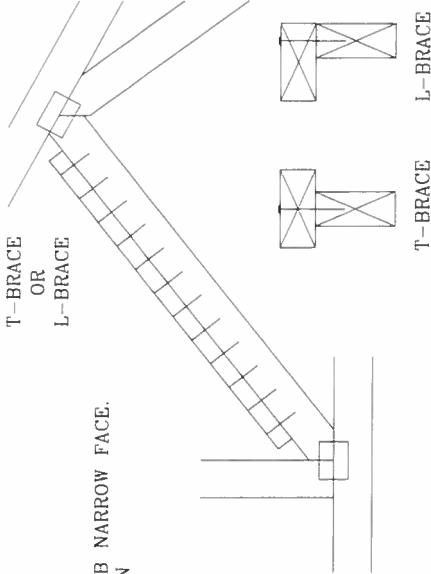
WEB MEMBER SIZE	SPECIFIED CLB BRACING	T OR L-BRACE	ALTERNATIVE BRACING
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

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

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

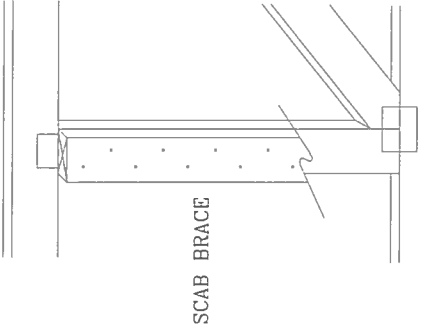
T-BRACING
OR
L-BRACING:

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



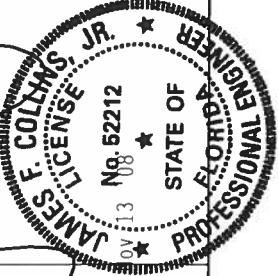
THIS DRAWING REPLACES DRAWING 579,640



ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA 22314) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, 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 COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSSES 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 2018/76GA (W/H/SS) ASH A653 GRADE 40/60 (W/K/H/SS) UNLESS OTHERWISE INDICATED. UNLESS OTHERWISE INDICATED, ALL DIMENSIONS ARE PER DESIGN. POSITION PER DRAWINGS 1604-7. ANY INSPECTION OF THIS DESIGN SHALL BE PERFORMED PER ANNEX A3 OF TPI 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 ANSI/TPI 1 SEC. 2.



JAMES F. COLINAS, JR.
LICENSE NO. 52212
STATE OF FLORIDA
PROFESSIONAL ENGINEER

TC LL	PSF	REF	CLB SUBST.
TC DL	PSF	DATE	2/23/07
BC DL	PSF	DRWG	BRCLBSUB0207
BC LL	PSF	-ENG	MLH/KAR
TOT. LD.	PSF		
DUR. FAC.			
SPACING			