

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: 1TL2215-Z0319084602

LAGONI Bldg Permit # 26570

Truss Fabricator: W.B. Howland
 Job Identification: 5119-/LAGONI /EDGELY CONSTRUCTION -- LAKE CITY, FL
 Truss Count: 64
 Model Code: Florida Building Code
 Truss Criteria: ANSI/TPI-2002(STD)/FBC
 Engineering Software: Alpine Software, Versions 7.38, 7.37.
 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

[Handwritten Signature]
 Seal Date: 09/19/2008

Notes:

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

-Truss Design Engineer-
 James F. Collins Jr.

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

Details: BRCLBSUB-

#	Ref	Description	Drawing#	Date
1	93055--A1		08263006	09/19/08
2	93056--A2		08263007	09/19/08
3	93057--A3		08263015	09/19/08
4	93058--A4		08263038	09/19/08
5	93059--A5		08263069	09/19/08
6	93060--A6		08263029	09/19/08
7	93061--A7		08263059	09/19/08
8	93062--A8		08263016	09/19/08
9	93063--A9		08263033	09/19/08
10	93064--A10		08263034	09/19/08
11	93065--A11		08263037	09/19/08
12	93066--A12		08263008	09/19/08
13	93067--A13		08263009	09/19/08
14	93068--A14		08263010	09/19/08
15	93069--A15		08263011	09/19/08
16	93070--A16		08263012	09/19/08
17	93071--A17		08263017	09/19/08
18	93072--A18		08263013	09/19/08
19	93073--A19		08263014	09/19/08
20	93074--A20		08263018	09/19/08
21	93075--A21		08263019	09/19/08
22	93076--A22		08263020	09/19/08
23	93077--A23		08263021	09/19/08
24	93078--A24		08263036	09/19/08
25	93079--A25		08263035	09/19/08
26	93080--A26		08263039	09/19/08
27	93081--A27		08263046	09/19/08
28	93082--A28		08263047	09/19/08
29	93083--A29		08263049	09/19/08
30	93084--A30		08263050	09/19/08
31	93085--A31		08263024	09/19/08
32	93086--A32		08263060	09/19/08
33	93087--A33		08263061	09/19/08
34	93088--A34		08263062	09/19/08
35	93089--A35		08263063	09/19/08
36	93090--A36		08263064	09/19/08

#	Ref	Description	Drawing#	Date
37	93091--A37		08263065	09/19/08
38	93092--A38		08263066	09/19/08
39	93093--A39		08263067	09/19/08
40	93094--A40		08263058	09/19/08
41	93095--A41		08263057	09/19/08
42	93096--A42		08263056	09/19/08
43	93097--A43		08263055	09/19/08
44	93098--A44		08263054	09/19/08
45	93099--A45		08263052	09/19/08
46	93100--A46		08263042	09/19/08
47	93101--A47		08263041	09/19/08
48	93102--A48		08263068	09/19/08
49	93103--JC1		08263053	09/19/08
50	93104--JC3		08263031	09/19/08
51	93105--JC5		08263043	09/19/08
52	93106--JE5		08263032	09/19/08
53	93107--JE6		08263048	09/19/08
54	93108--JE6A		08263051	09/19/08
55	93109--JE6B		08263022	09/19/08
56	93110--JE7		08263044	09/19/08
57	93111--JH7		08263030	09/19/08
58	93112--JH8		08263023	09/19/08
59	93113--JH9		08263045	09/19/08
60	93114--JH10		08263040	09/19/08
61	93115--PF1		08263025	09/19/08
62	93116--PF2		08263026	09/19/08
63	93117--PF3		08263027	09/19/08
64	93118--PF4		08263028	09/19/08



ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Page 1 of 1 Document ID:1TL2215-Z0319084602

Truss Fabricator: W.B. Howland
Job Identification: 5119-/LAGONI /EDGELY CONSTRUCTION -- LAKE CITY, FL
Truss Count: 1
Model Code: Florida Building Code
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Versions 7.38, 7.37.
Structural Engineer of Record:
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

Seal Date: 09/19/2008

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

Revised Trusses

#	Ref	Description	Drawing#	Date
1	93078--A24		08263036	09/19/08

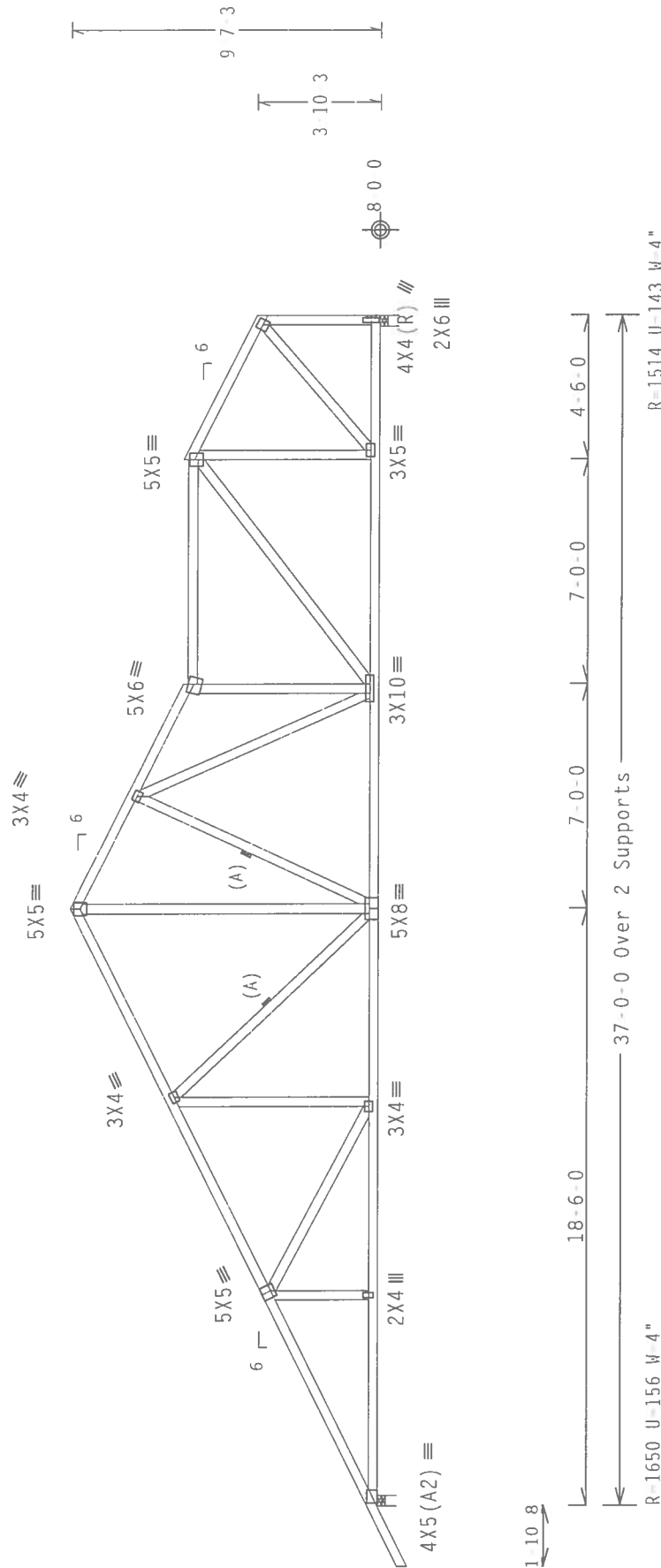


11110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind IC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 Gcpi(1/)=0.18

Wind reactions based on MFRS pressures.

Right end vertical not exposed to wind pressure.

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



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

PLT TYP. Wave

Scale = .1875"/Ft.

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

QTY:1

Wu & Wang

0070

7.38

—

0/0

(1.)

$$= 1.0$$

Cg/F

2

30

2

ve

P.

117

TC LL	20.0 PSF	REF	R215--	93056
TC DL	10.0 PSF	DATE	09/19/08	
BC DL	10.0 PSF	DRW	HCUSR215	08263007
BC LL	0.0 PSF	HC-ENG	WHK/WHK	
TOT.LD.	40.0 PSF	SEQN-	242701	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1TL2215_Z03	

A circular professional engineer seal for the State of Florida. The outer ring contains the text "JAMES S. GILLINS, JR." at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by stars. The inner circle contains the text "FLORIDA" at the top, "STATE OF" in the center, and "LICENSE" at the bottom, also separated by stars. The license number "No. 52212" is printed in the center. A date stamp "Sep 13 1990" is visible on the right side of the seal.

ALPINE

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

Top chord 2x4 SP #2 N :T2 2x6 SP #2 N:
Bot chord 2x6 SP #2 N
Webs 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. Iw=1.00 GCpi(1/-) 0.18

Wind reactions based on MWFRS pressures.

#1 hip supports 6 9 0 jacks with no webs.

Left side jacks have 6 9 0 setback with 0 0 0 cant and 1-10 8 overhang. End jacks have 6 9 0 setback with 0 0 0 cant and 1-10 8 overhang. Right side jacks have 6 9 0 setback with 0 0 0 cant and 1-10 8 overhang.

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (6.131"x3" Gun nails)

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

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

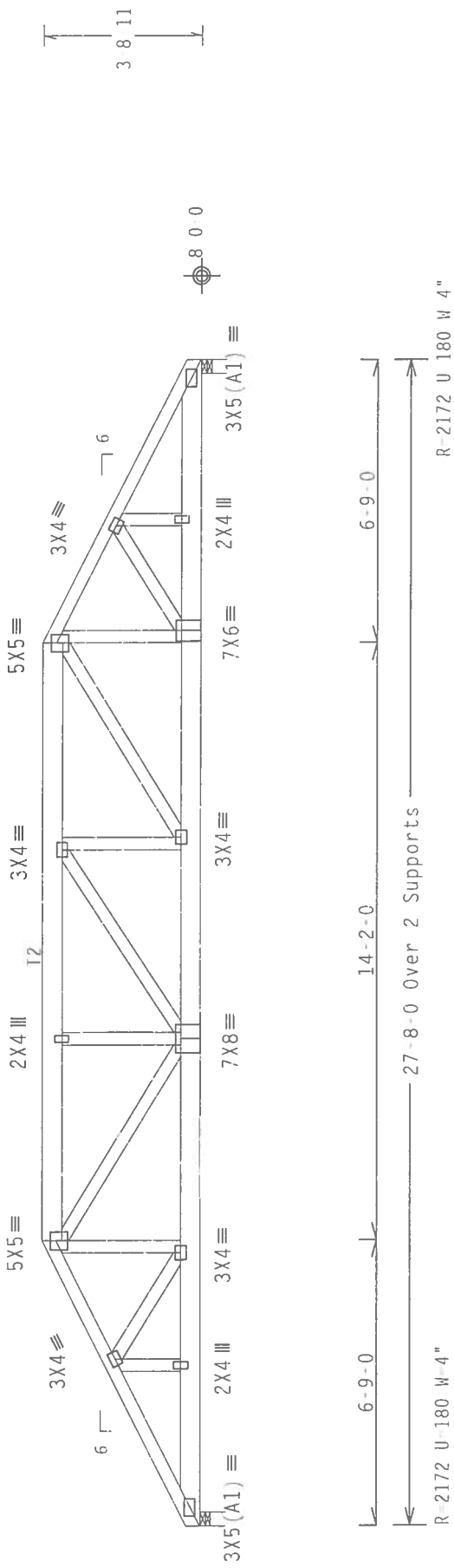
Webs : 1 Row @ 4" o.c.

Use equal spacing between rows and stagger nails in each row to avoid splitting.

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

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

The overall height of this truss excluding overhang is 3-8 11.



Design Crit: TPI-2002(STD)/FBC

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

7.38

QTY:1

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

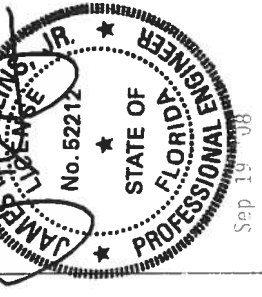
Scale =.25"/Ft.

****WARNING**** TRUSSES BEARING EXTERIOR LOAD IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PANEL INSTITUTE, 210 NORTH LEE STREET, SUITE 112, ALEXANDRIA, VA, 22304) AND AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTORS, 500 NORTH MICHIGAN, SUITE 1000, CHICAGO, IL 60611) FOR PROPER INSTALLATION AND BRACING. UNLESS OTHERWISE INDICATED THE CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** TURN IN A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE RCSI, THE SMALL 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 (AMERICAN INSTITUTE OF STEEL CONSTRUCTORS) AND TPI (TRUSS PANEL INSTITUTE) SPECIFICATIONS. THIS DESIGN IS BASED ON THE ASSUMPTIONS OF AISC AND TPI. THE RCSI, THE SMALL 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.

ANY INSPECTION OF PLATES FOLLOWED BY TPI SHALL BE PERFORMED BY TPI. A SEAL ON THIS DESIGN SHOWN. THE SIGNATURE AND SEAL OF THE DESIGNER IS REQUIRED FOR THE TRUSS TO BE USED IN THE BUILDING DESIGN. THE SIGNATURE AND SEAL OF THE DESIGNER IS REQUIRED FOR THE TRUSS TO BE USED IN THE BUILDING DESIGN.



Sep 19 '08

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

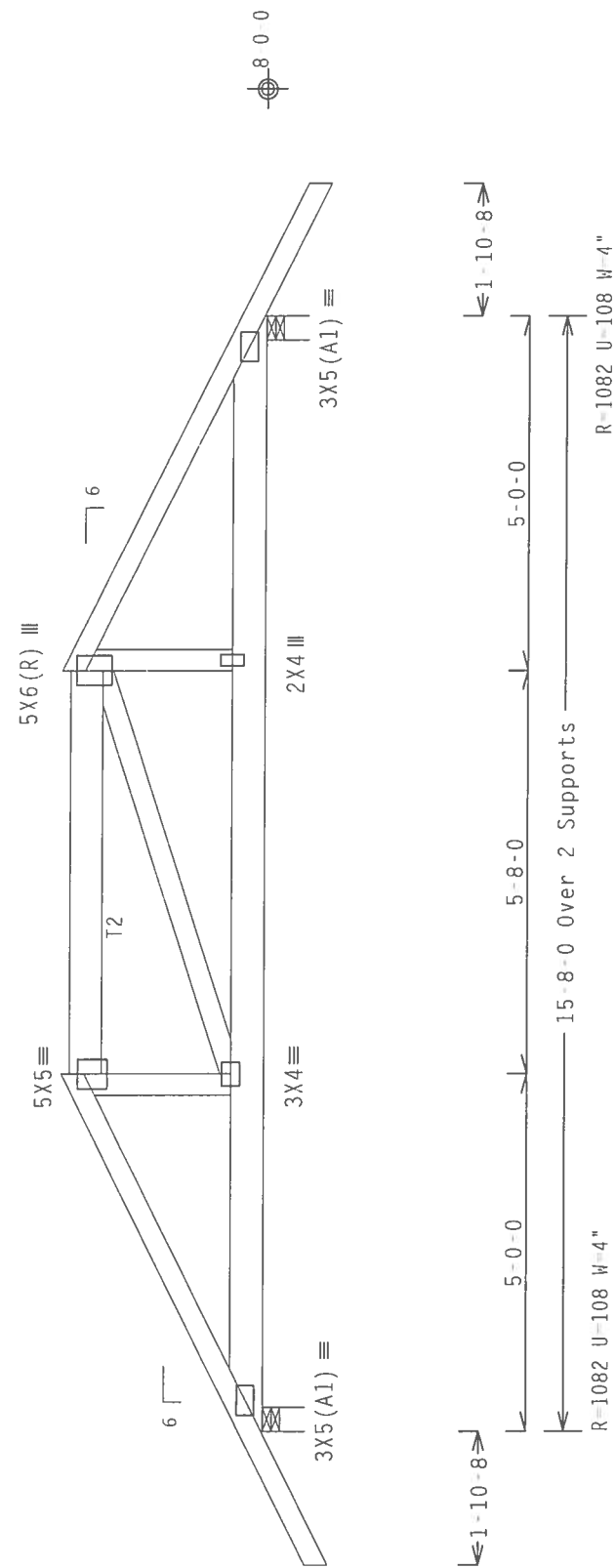
TC LL	20.0	PSF	REF	R215 -	93057
TC DL	10.0	PSF	DATE	09/19/08	
BC DL	10.0	PSF	DRW	HCUSR215	08263015
BC LL	0.0	PSF	HC-ENG	WHK/WHK	
TOT.LD.	40.0	PSF	SEQN -	242668	
DUR.FAC.	1.25		FROM	CDM	
SPACING	SCE ABOVE		JREF -	1TL2215_Z03	

Top chord 2x4 SP #2 N :T2 2x6 SP #2 N :
Bot chord 2x6 SP #2 N :
Webs 2x4 SP #2 N :
110 mph wind, 15.00 ft mean htg, 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, 1w 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.
#1 hip supports 5 0 0 jacks with no webs.

The overall height of this truss excluding overhang is 2 10 3.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.38 0810.03

Scale = .375" / Ft.

QTY: 1

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 - 93058
DATE 09/19/08
DRW HCUSR215 08263038
HC-ENG EC/AP
SEQN- 231983
FROM CDM
JREF- 1TL2215_Z03

ALPINE

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

****WARNING**** TRUSSES REQUIRE EXERCISE CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DESIGN (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PANEL INSTITUTE, 2100 ENTERPRISE LANE, HADISBORO, NJ 07033) FOR SAFETY PRECAUTIONS. ALL TRUSSES SHIP TO THE SITE 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 IBCS (NATIONAL DESIGN SPEC. BY AISC) AND TPI CORRELATOR PLATES ARE MADE OF 70/30/1066 (R-0.055/P) ASTM A503 GRADE 40/60 (R, E/0.55) 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 (3) SHALL BE PER AISC 310-2002 SEC.3. A SEAL OR THIS DESIGN SHALL BE PLACED ON EACH PLATE. THE SEALING OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISI/TPI 1 SEC. 2.

JAMES H. BULLANS JR.
FLORIDA LICENSE
No. 52212
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Sep 10

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

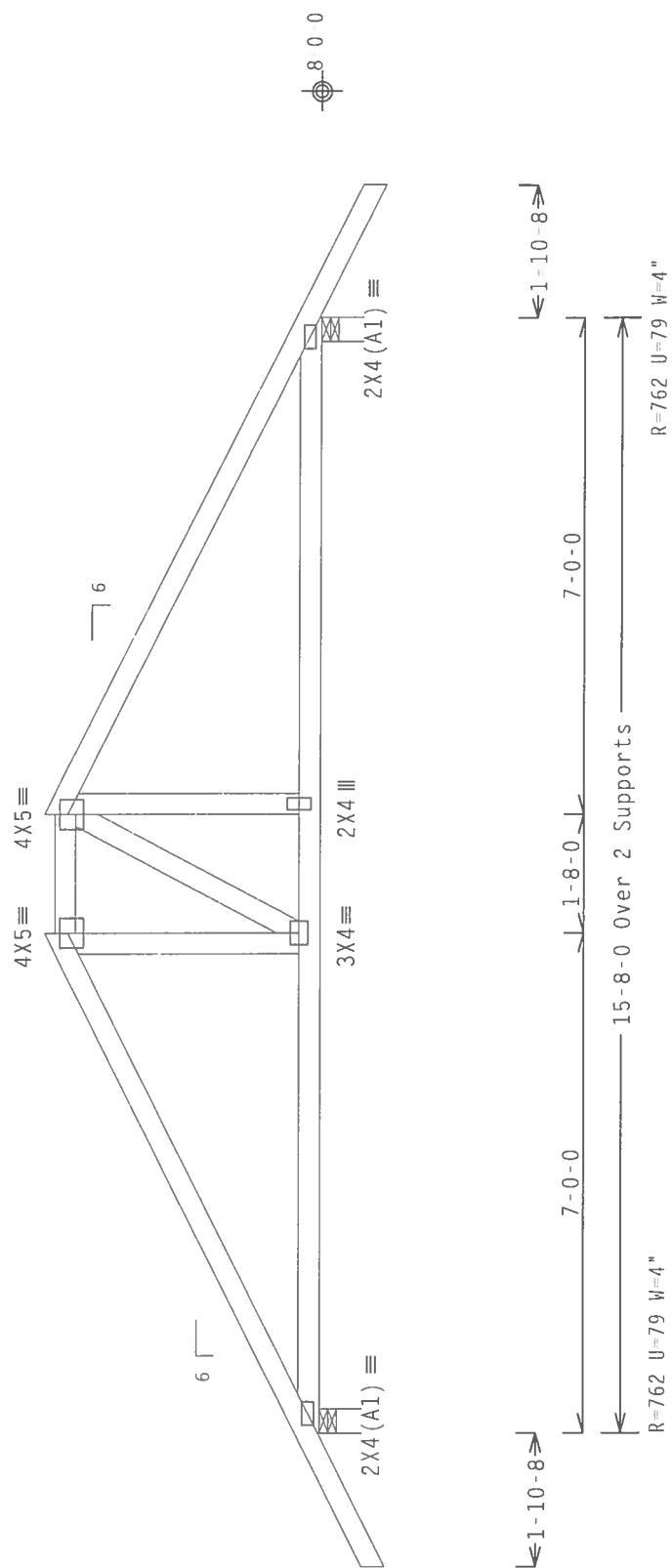
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL 5.0 psf, wind BC DL 5.0 psf. $I_w=1.00$ $G_{CPI}(\cdot/\cdot) 0.18$

Wind reactions based on MWFRS pressures.

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

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

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



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.38.08

Scale = .375"/Ft.

QTY:1	FL/-/5/-/R/-	TC LL	20.0 PSF	REF	R215 -- 93059
		TC DL	10.0 PSF	DATE	09/19/08
		BC DL	10.0 PSF	DRW	HCUSR215 08263069
		BC LL	0.0 PSF	HC-ENG	EC/AP
		TOT.LD.	40.0 PSF	SEQN-	231986
		DUR.FAC.	1.25	FROM	CDM
		SPACING	24.0"	JREF-	1TL2215_Z03

PLT TYP. Wave

ALPINE

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

Professional Engineer
JAMES COLLINS JR.
No. 52212
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Sep 15 '08

WARNING** TRUSSES REQUIRING EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCS (BUILDING COMPONENTS SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLASTIC INSTITUTE), 214 W. 11TH AVE., SUITE 100, AUSTIN, TEXAS 78701-1101, 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 TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. THE BCG DESIGN CONTRACTS WITH APPLICABLE PROVISIONS OF IBCS (NATIONAL DESIGN SPEC. BY AISC) AND TPI. THE BCG CONTRACTOR PLATES ARE MADE OF 2018/16GA (40/60 (U, R/H, SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 16GA 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. A SEAL ON THIS DRAWING INDICATES THE DESIGNER'S ACCEPTANCE OF THIS RESPONSIBILITY. THE USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/HPS 1 SEC 7.

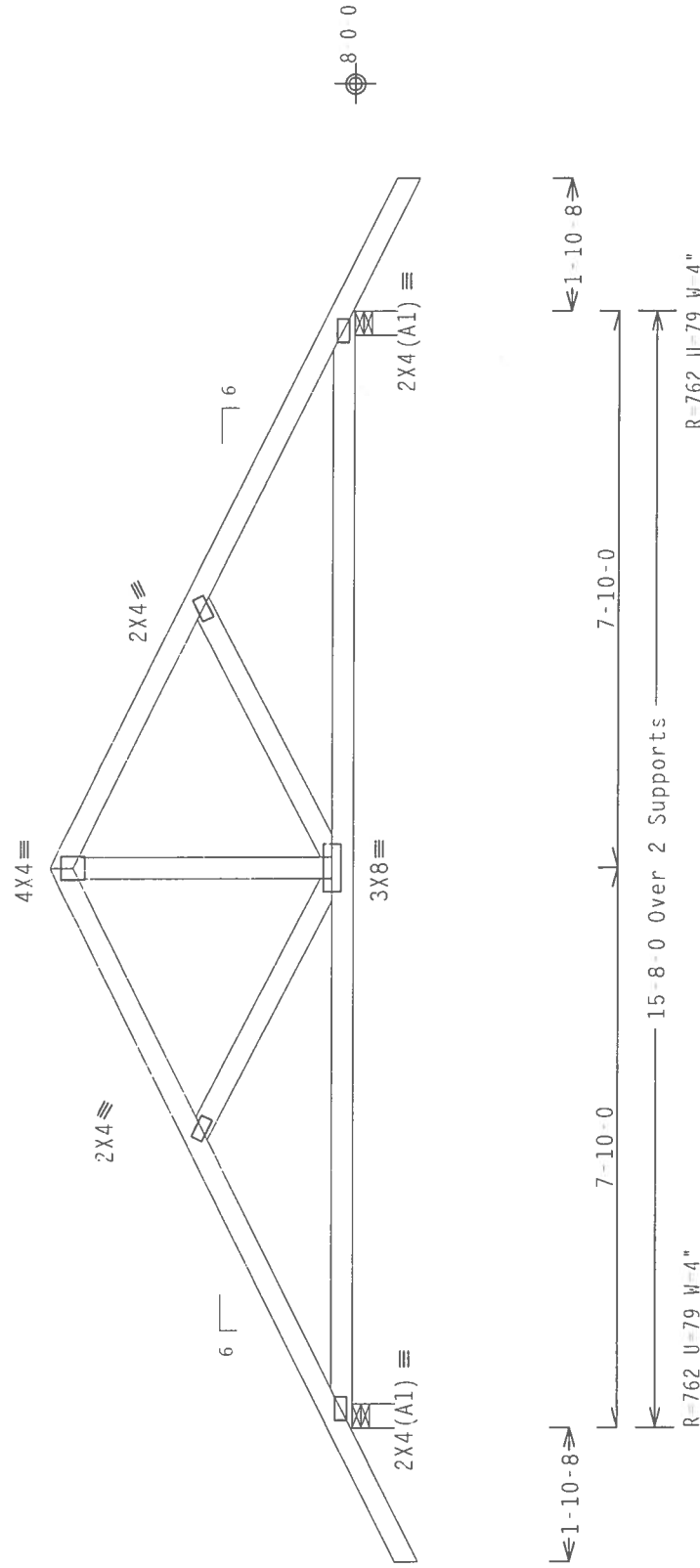
Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

110 mph wind, 15.00 ft mean hgr, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAL II, EXP B, wind TC D1, 5.0 psf, wind BC D1-5.0 psf 1w/1.00 GCpi(1') 0.18

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

Wind reactions based on HWFS pressures.

The overall height of this truss excluding overhang is 43.3.



Design Crit: TPI-2002(STD)/FBC

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

QTY:14 FI / - / 5 / - / - / R / -

Scale = 375"/Ft

Scale = .375"/Ft.
REF R215-- 93060

Scale = .375"/Ft.

REF	R215	93060
DATE	09/19/08	

Scale = .375"/Ft.
REF R215 - 93060
DATE 09/19/08
DRW HCUSR215 0826302
HC-ENG EC/AP

Scale = .375"/Ft.	
REF	R215 - 93060
DATE	09/19/08
DRW	HCUSR215 0826302
HC - ENG EC/AP	
SEON	231989
FROM	CDM

Scale = .375"/Ft.
REF R215 - 93060
DATE 09/19/08
DRW HCUR215 0826302
HC-ENG EC/AP
SEON- 231989
FROM CDM
REF- 1TL2215_Z03

****WARNING**** HUSSEY ROUTING EXTREMELY CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING REFER TO DESIG. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IPI (CRUSS PLATE INSTITUTE), 718 NORTH LEE STREET, SUITE 312, FORT LAUDERDALE, FL 33304, (407) 221-1100. HUSSEY COMPANY OF AMERICA, 4000 WINTERLEE 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 BRACE CLIPPING.

[illegible]

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

Top chord 2x6 SP SS : T2 2x4 SP SS:

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(1/) 0.18

Calculated horizontal deflection is 0.21" due to live load and 0.22" due to dead load.

Wind reactions based on MWFRS pressures.

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

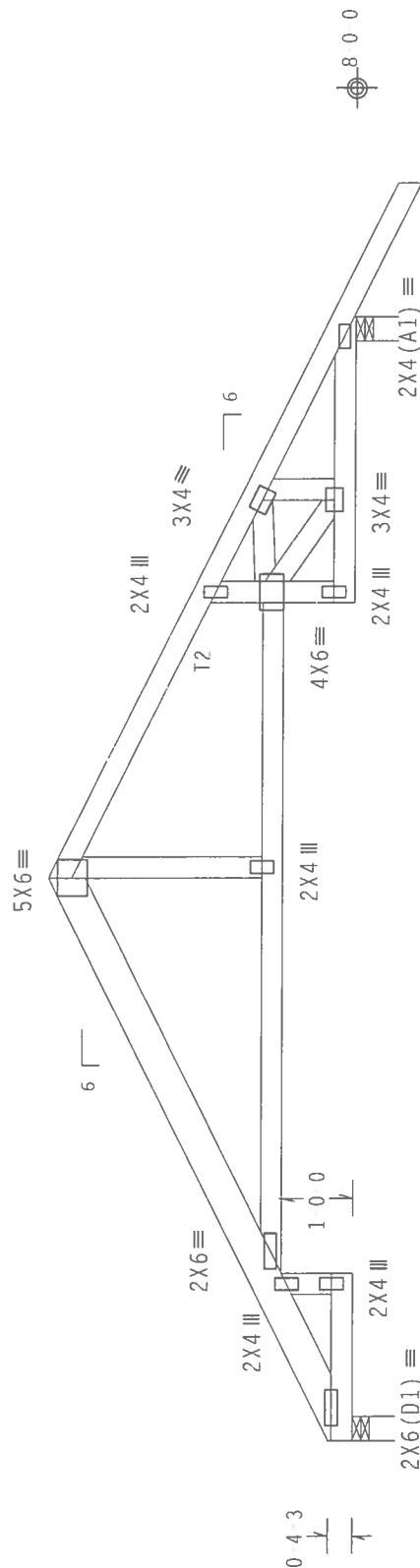


Diagram showing the elevation of a bridge deck with the following dimensions and components:

- Top width: 7'-10" 0
- Bottom width: 11'-8" 0
- Span length: 15'-8" 0 Over 2 Supports
- End width: 4'-0" 0
- End dimension: $\leq 1'-10"-8"$
- Deck profile: $\text{R } 770 \text{ I } = 80 \text{ W } = 4"$
- Bottom profile: $\text{# } 637 \text{ U } 52 \text{ W } = 4"$

Design Crit: TPI-2002(STD)/FBC

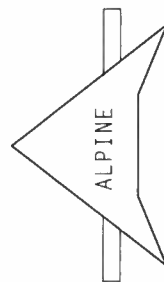
 $Cq/RT=1.00(1.25)/0(0)$

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

Scale = .375"/Ft.

WARNING—HUSSES REQUIRE EXPERIENCE IN FABRICATING HARDENING, SHIPPING, INSTALLING AND DRAGING REFER TO BCS BUILDING COMPONENTS SATISFY INFORMATION, PUBLISHED BY THE CARPENTRY INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALPHARETTA, GA 30201, AND THE CARPENTRY INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALPHARETTA, GA 30201, FOR SATISFYING THESE FUNCTIONS. HUSSES MUST BE PROPERLY ATTACHED TO CHORDS PRIOR TO PUBLISHING THESE FUNCTIONS. OTHERWISE, INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CHORDS.

TC LL	20.0 PSF	REF	R215 - -	93061
TC DL	10.0 PSF	DATE	09/19/08	
BC DL	10.0 PSF	DRW	HCUSR215	08263059
BC LL	0.0 PSF	HC-ENG	EC/AP	
TOT.LD.	40.0 PSF	SEQN-	232223	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1TL2215	Z03



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

Sep

5 COMPLETE TRUSSES REQUIRED

5 COMPLETE IRUSSES REQUIR

Nailing Schedule: (0.131"x3" Gun nails)

Mailing Schedule: (0.131"x3" Gun nails)
 Top Chord: 1 Row @12.00" o.c.
 Bot Chord: 2 Rows @ 5.00" o.c. (Each Row)
 Webs : 1 Row @ 4" o.c.

Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting. In addition apply (1) 1/2" bolt at each bottom chord joint location.

(**) 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 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=1.00GCo(+/-)0.18

DOT. CIUD. : 2 ROWS @ 3:00 U.C. (EACH ROW)
 Webs : 1 ROW @ 4" O.C.

Repeat nailing at each Javon is applied also again

Repeat hilling as each layer is applied. Use equal spacing between rows and stagger rails in each row to avoid settling.

between rows and stagger nails in each row to avoid splitting.

In addition apply (1) 1/2" bolt at each bottom chord joint location.

(**) I plate(s) require special positioning. Refer to scaled plate

plot details for special positioning requirements.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, 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 dsf. $I_w=1.00$ GCof (+) = 0.18

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

The overall height of this truss excluding overhang is 43.3.

 $C_0/RT = 1.00(1.25)/0(0)$ $C_0/RT=1.00(1.25)/0(0) \quad 7$

0TY·1 51/-15/-1-1B/-

Scale = 375"/ft

TC LL	20.0 PSF	REF	R215--	93062
TC DL	10.0 PSF	DATE	09/19/08	
BC DL	10.0 PSF	DRW	HCUSR215	0826301
BC LL	0.0 PSF	HC - ENG	WHK/WHK	
TOT.LD.	40.0 PSF	SEQN -	242740	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF -	1TL2115	Z03

HC-ENG WHK/WHK

FROM CDM

FROM CDM

JREF - 1T12215 703

JREF - 1T12215 703

The overall height of this truss excluding overhang is 173.

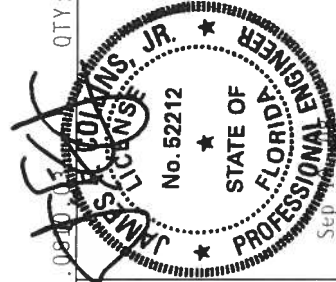
110 mph wind, 15.00 ft mean hgt, ASCE 7 02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL 5.0 psf, wind BC DL=5.0 psf. $I_w 1.00$ GCpi(+/) X.18



0910.053

Scale = 5"/Ft

TC LL	20.0	PSF	REF	R215 - -	93064
TC DL	10.0	PSF	DATE	09/19/08	
BC DL	10.0	PSF	DRW	HCUSR215	08263034
BC LL	0.0	PSF	HC - ENG	EC/AP	*
TOT.LD.	40.0	PSF	SEQN-	232054	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF	1TL2215	Z03

[illegible]

ALPINE

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



ALPINE

ITW Building Components Group Inc.

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun nails)

Top Chord: 1 Row @ 4.00" o.c.

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

Webs : 1 Row @ 4" o.c.

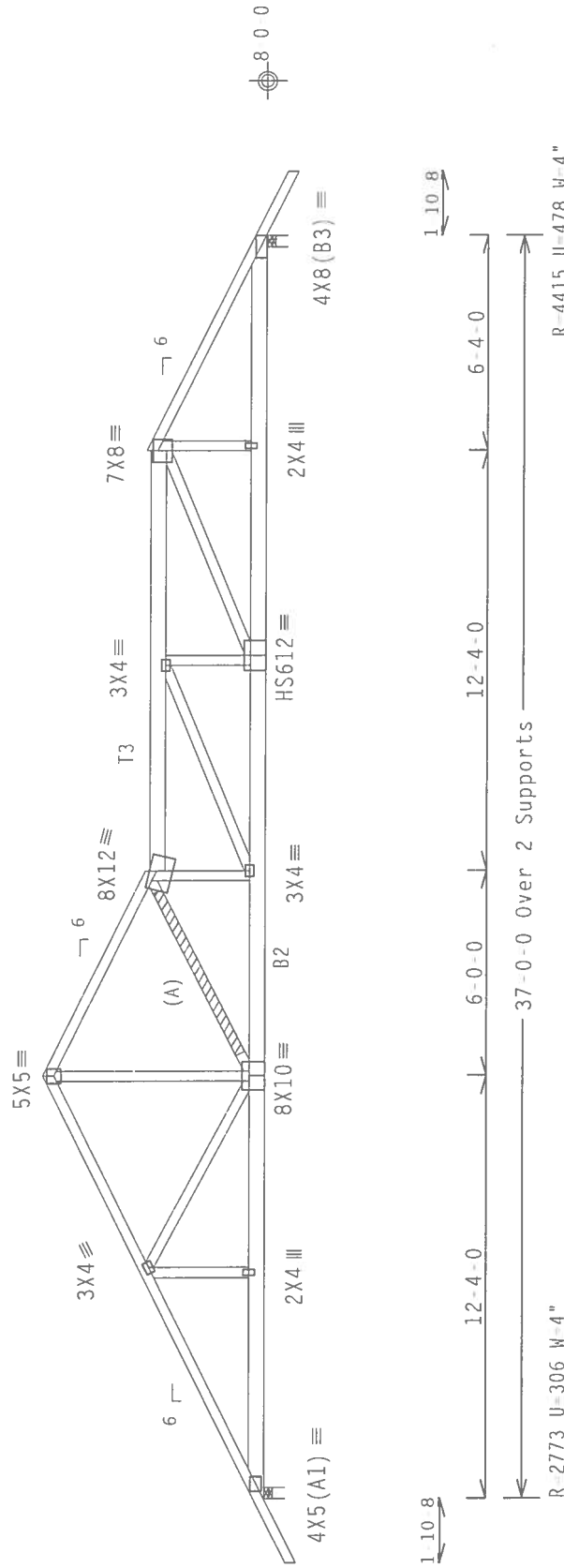
Use equal spacing between rows and stagger nails in each row to avoid splitting.

110 mph wind, 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. $I_w 1.00$ GCpi(+/) 0.18

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

The overall height of this truss excluding overhang is 66.3.



Design Crit: TPI-2002(STD)/FBC

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

Scale = 1875"/Ft

QTY:1 EL/-/5/-/-/R/-

018

38

7

10(0)

.25) / 1.00

00(1
(210)

 $RT=1.2$

Ca/

iii.

Figure 1

Des

ave

M. S. H.

auge

20 G

TYP.

PLT

****WARNING**** PROCESS REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, UNLOADING AND UNWINDING REFER TO BUYER (INCLUDING COMPONENTS) FOR INFORMATION. PUBLISHED BY THE ROSS CHROME PLATE INSTITUTION, 2108 COLUMBIA LANE, HUNTSVILLE, ALABAMA, 35894. ADD A GOOD REPLY ADDRESS FROM THE BUYER OF AMERICA. BUSINESS OTHERWISE INDICATED FOR COMPANY SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOLT THIRD SHALL HAVE PROPERTY, ALLIED RIGHTS.

[illegible]

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

(A) Continuous lateral bracing equally spaced on member.

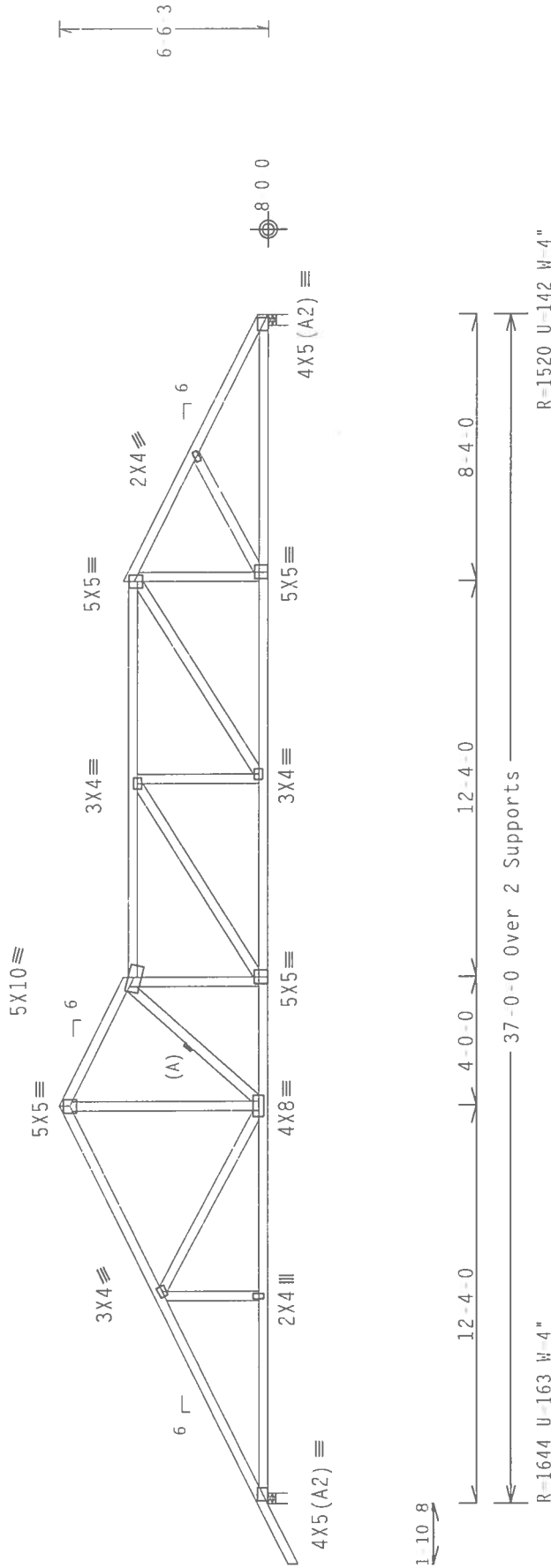
Wind reactions based on MWERS pressures.

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

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

OC.

The overall height of this truss excluding overhang is 6'6" 3/4"



Design Crit: TPI-2002(STD)/FBC

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

7.38.00

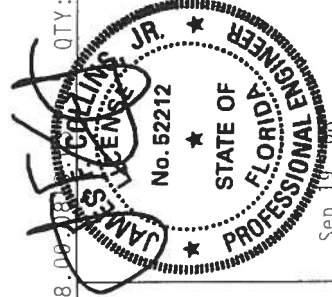
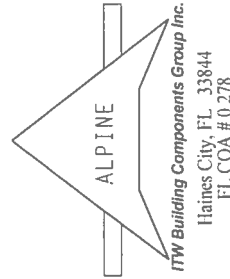
QTY: 1

FL/-/5/-/R/-

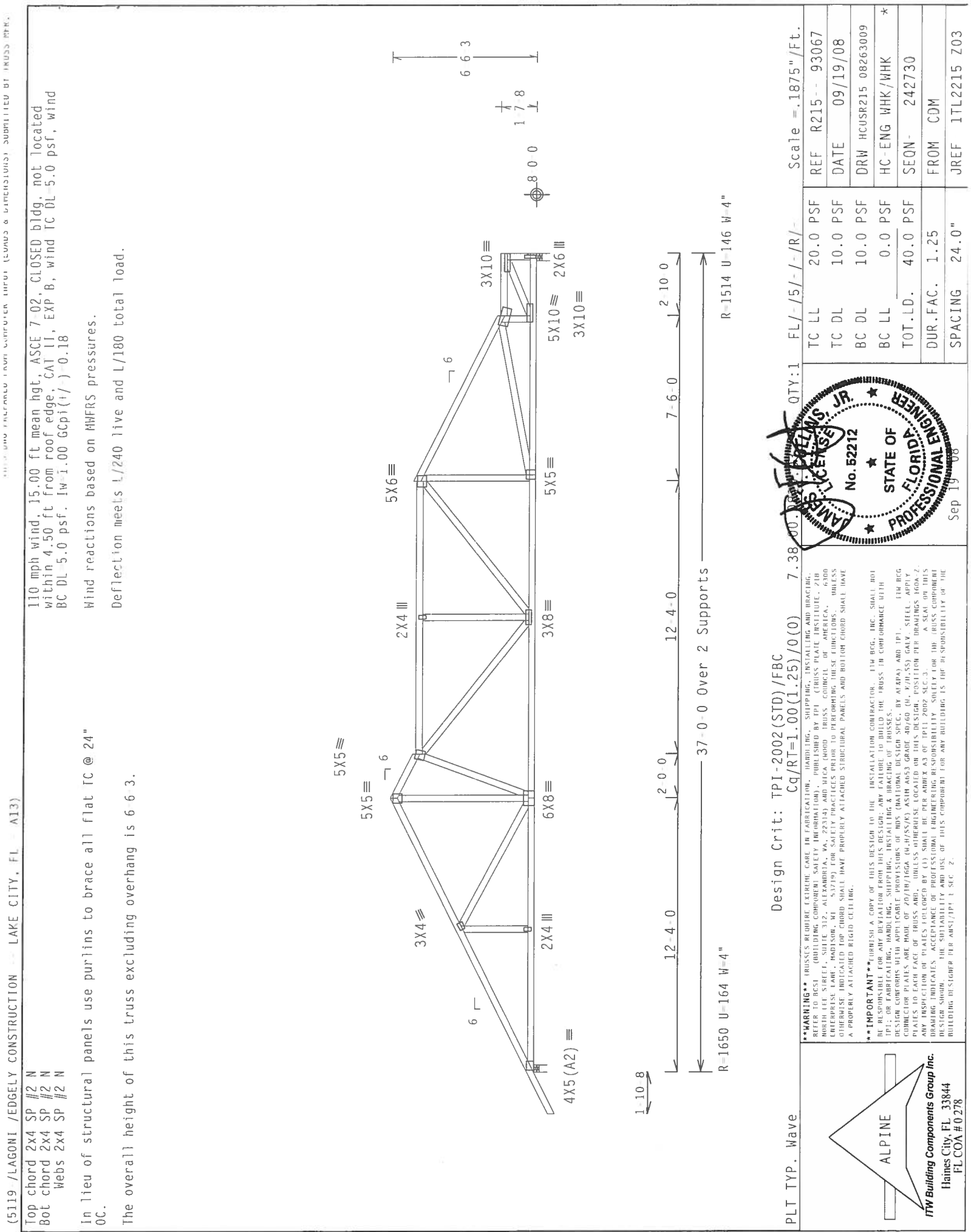
Scale = .1875"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSS (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304, AND MICA (GOOD TRUSS CONSTRUCTION OF AMERICA, 6300 ENTERPRISE LANE, DUNDY, MD 21741) FOR SAFETY PRACTICES BEFORE PERFORMING THESE FUNCTIONS. TRUSSES MUST BE PROPERLY ATTACHED TO STRUCTURAL PANELS AND NOT FOR OTHER SHAL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** WHILE A COPY OF THIS DESIGN IS THE INSTALLATION CONTRACTOR, THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DETAILING FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH ALL APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC., BY AISC) AND TPI. THE BCG CONNECTOR PLATES ARE MADE OF 301/304/316 (A1/SS/PP) WITH A653 GRADE 40/60 (A, F/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE SPECIFIED IN THIS DESIGN, POSITION PER DRAWINGS 100A / ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AISC A3 OF TPI 2002 SEC 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPANY; DESIGN SHOWN. THE SUFFICIENCY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISC/TPI 1 SEC. 2



REF	R215--	93066
DATE	09/19/08	
DRW	HCUSR215	08263008
HC-ENG	WHK/WHK	*
SEQN-	242657	
FROM	CDM	
JREF-	1TL2215_Z03	



(5119 /LAGONI /EDGELY CONSTRUCTION -- LAKE CITY, FL -- A13)

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 GCp(+/-) 0.18

Wind reactions based on MWFRS pressures.

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

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

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

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

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.38 00

PLT TYP. Wave

Scale = .1875" / Ft.

REF R215 -- 93067
DATE 09/19/08
DRW HCUSR215 08263009
HC-ENG WHK/WHK
SEQN- 242730
FROM CDM
JREF 1TL2215 Z03

OTY: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"

PLT TYP. Wave

ALPINE
rtw 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

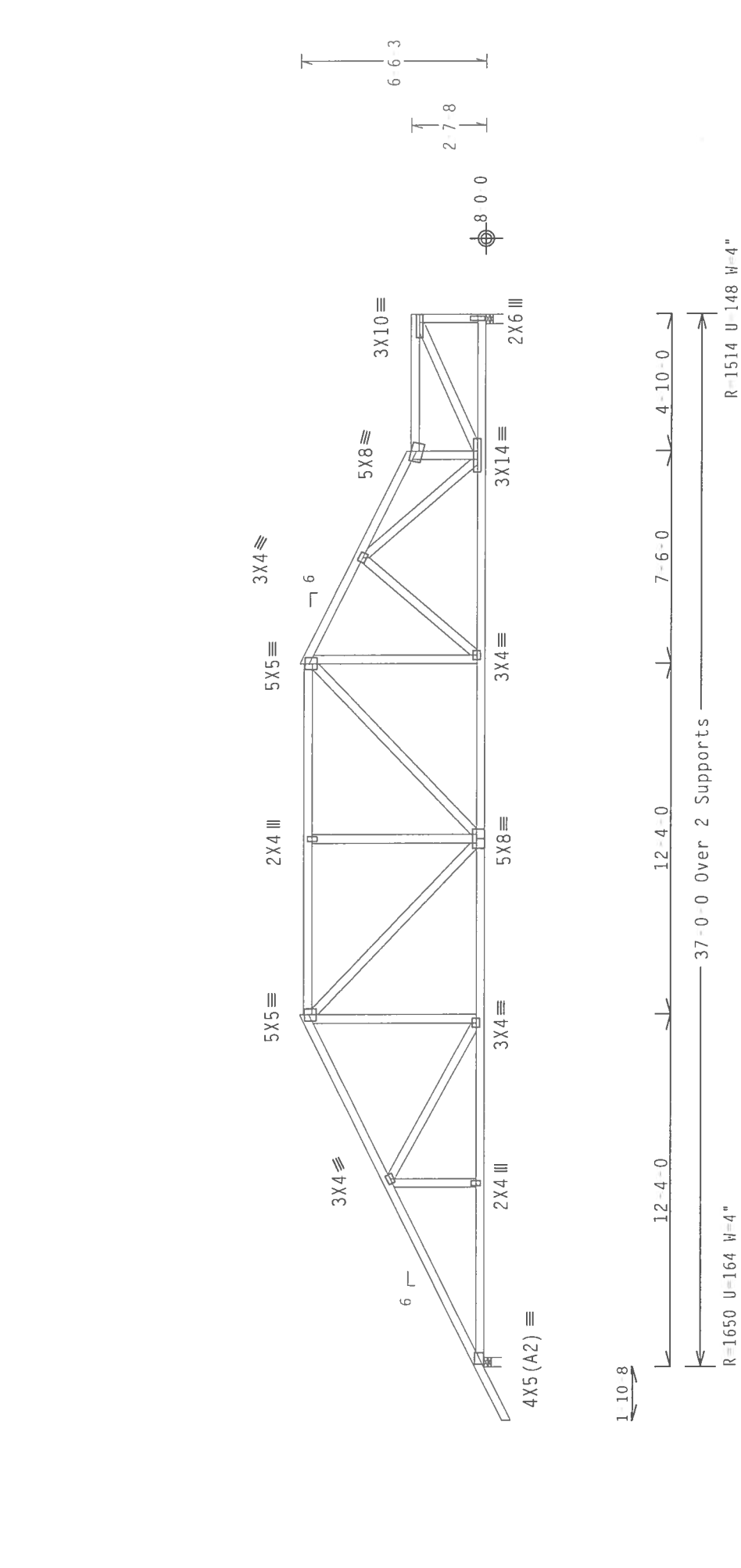
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED Bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL 5.0 psf, wind BC DL 5.0 psf. $W=1.00$ GCPI $(1/100)=0.18$

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

Wind reactions based on MWERS pressures.

Right end vertical not exposed to wind pressure.

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



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.38.00

Scale = .1875" / Ft.

REF	R215--	93068
DATE	09/19/08	
DRW	HCUSR215	08263010
HC-ENG	WHK/WHK	*
SEQN	242726	
FROM	CDM	
JREF	1TL2215	Z03

ALPINE

ITW Building Components Group Inc.
Haines City, FL 33844
FL COA # 0.278

Professional Engineer
No. 52212
Sep 19 08

STATE OF FLORIDA
JAMES E. POLKINS JR.
LICENSED PROFESSIONAL ENGINEER

110 BCG SHALL NOT BE RESPONSIBLE FOR ANY DEVIATING FROM THIS DESIGN OR FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THIS (NATIONAL DESIGN SPEC. BY AIA/PCA) AND TPI 110 BCG CONNECTOR PLATES ARE MADE OF 20/10/10GA (U/A/AS/2) ASH 6051 GRADE 40/60 (M, E/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 10GA 2. ANY INSPECTION OF PLATES FOLLOWED BY (3) SHALL BE PER AIA/PCA 3.1 OF TPI 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPANY. THE DESIGNER'S SEAL AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AIA/PCA 3.1 SEC. 2.

110 BCG SHALL NOT BE RESPONSIBLE FOR ANY DEVIATING FROM THIS DESIGN OR FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THIS (NATIONAL DESIGN SPEC. BY AIA/PCA) AND TPI 110 BCG CONNECTOR PLATES ARE MADE OF 20/10/10GA (U/A/AS/2) ASH 6051 GRADE 40/60 (M, E/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 10GA 2. ANY INSPECTION OF PLATES FOLLOWED BY (3) SHALL BE PER AIA/PCA 3.1 OF TPI 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPANY. THE DESIGNER'S SEAL AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AIA/PCA 3.1 SEC. 2.

Top chord 2x4 SP #2 N : T4 2x4 SP #2 Dense:

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(1/-)=0.18

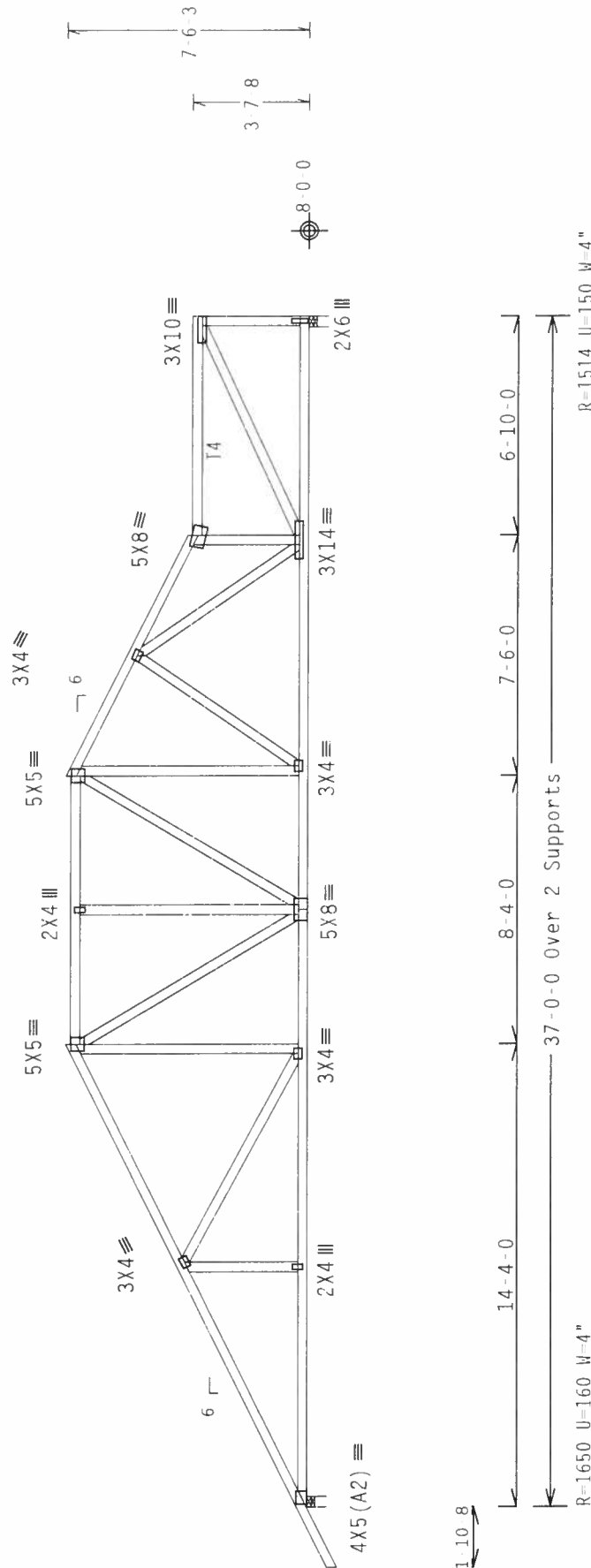
In lieu of structural panels use purlins to brace all flat TC @ 24"

100.

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

Right end vertical not exposed to wind pressure.

The overall height of this truss excluding overhang is 7-6-3.



Design Crit: TPI-2002(STD)/FBC

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

Scale = 1875"/Ft

F11-151-1-1R/-

00-0810-02-10T

7

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

Designville LLC.

PLT TYP. Wave

[illegible]

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

FL COA # 0 278

21230.001

STATE OF

FLORIDA
ROF
LEVER

ORIGINAL

STONAL

Abstract

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. $I_w=1.00$ $G_{CPI}(1/)=0.18$

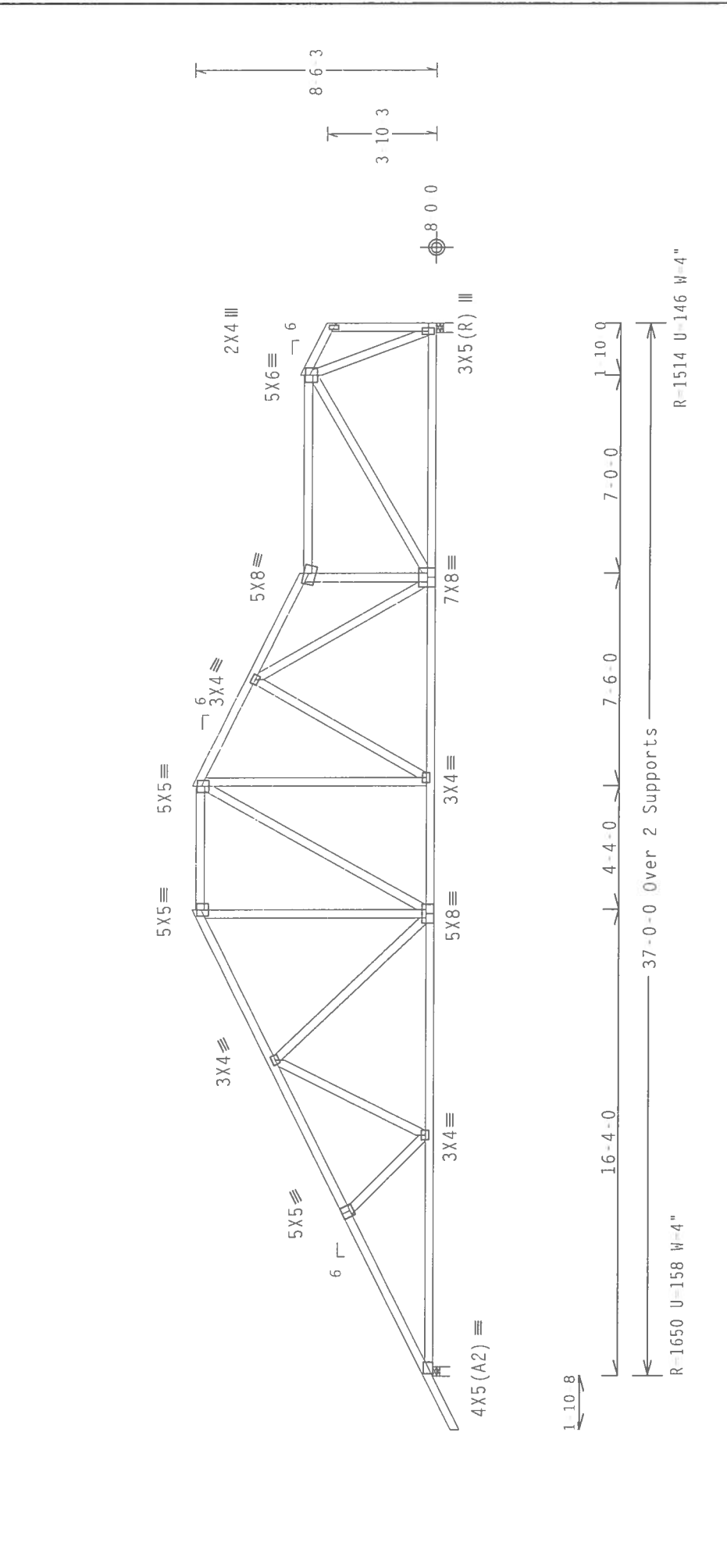
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

The overall height of this truss excluding overhang is 8 6 3.

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



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
 $C_q/R_T=1.00(1.25)/0(0)$ 7.38.00

Scale = .1875"/ft.

QTY:1	FL/-/5/-/R/-	REF	DATE	DRW	HC-ENG	SEQN	FROM	JREF
TC LL	20.0 PSF	R215	09/19/08	HCUSR215	08263012		CDM	1TL2215_Z03
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"							

ALPINE

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

JAMES S. ELLIS, JR.
No. 52212
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Sep 19 2008

SEP 19 2008

WARNING** TRUSSES REQUIRE EXTERIOR CARE IN FABRICATING, SHIPPING, HANDLING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION. PUBLISHED BY TPI (BUILDING PLATE INSTITUTE), 210 INDUSTRIAL AVENUE, ALBANY, NY 12212. ALL TRUSSES ARE DESIGNED TO BE USED IN THE U.S.A. UNLESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

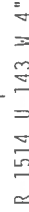
IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF BCS (NATIONAL DESIGN SPEC. BY ACPA) AND TPI. CONDUCTOR PLATES ARE MADE OF 70/30 ZN AL 6061 T6G2 (40,000 PSI) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED AS OF TPI 2002 SEC. J. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPANY BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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 RC DL=5.0 psf, lw=1.00 GCpi(+/-)0.18

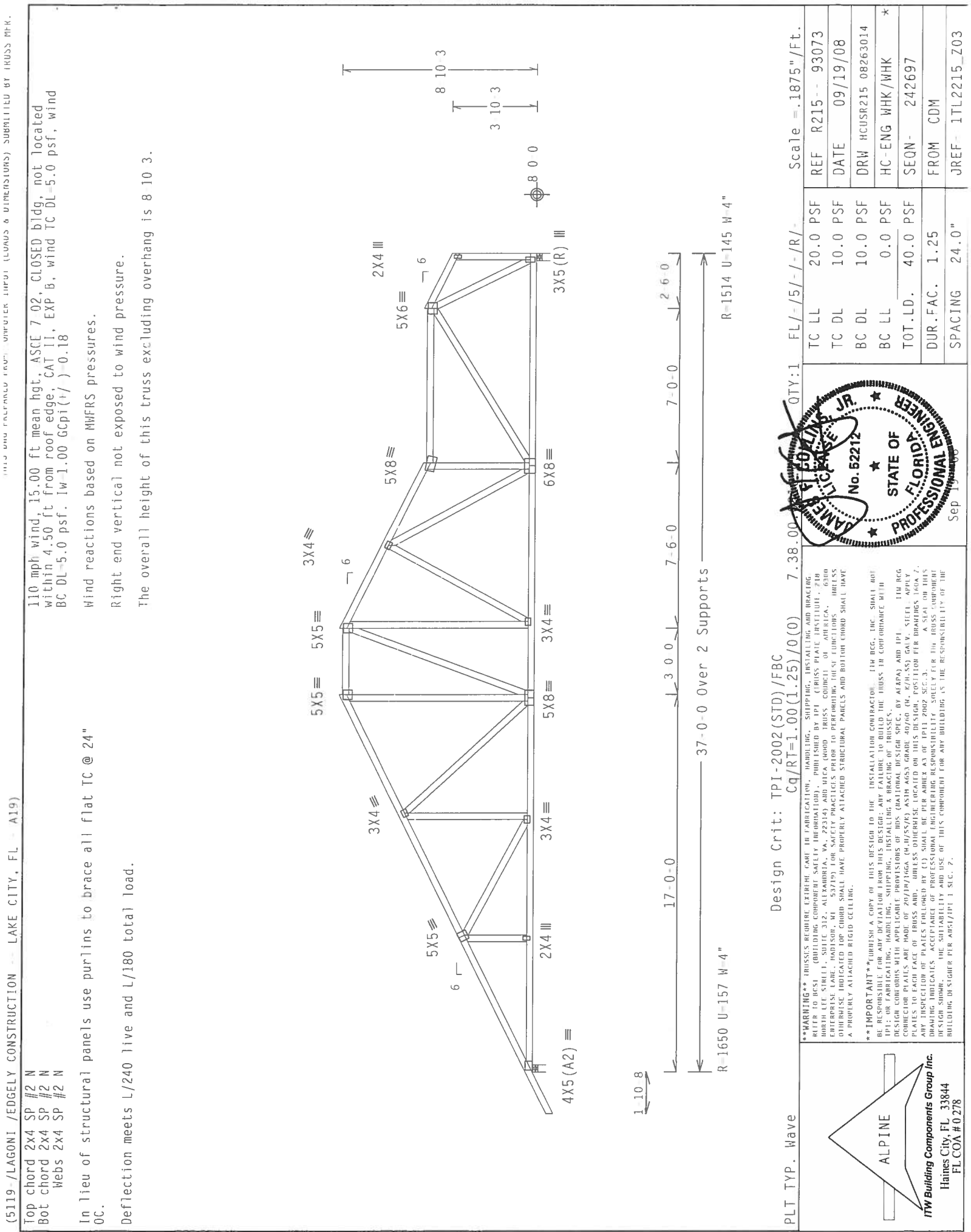
Wind reactions based on MWFRS pressures.

Right and vertical not exposed to wind pressure.

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

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

Scale = 1875"/Ft



(5119-/LAGONI /EDGELY CONSTRUCTION -- LAKE CITY, FL - A19)

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

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

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

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. $I_w=1.00$ $G_{CPI}(+)=0.18$

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

The overall height of this truss excluding overhang is 8' 10 3/4".

Scale = .1875" / Ft.

REF R215 -- 93073

DATE 09/19/08

DRW HCUSR215 08263014

HC-ENG WHK/WHK

SEQN- 242697

FROM CDM

JREF- 1TL2215_Z03

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

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

7.38.00

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

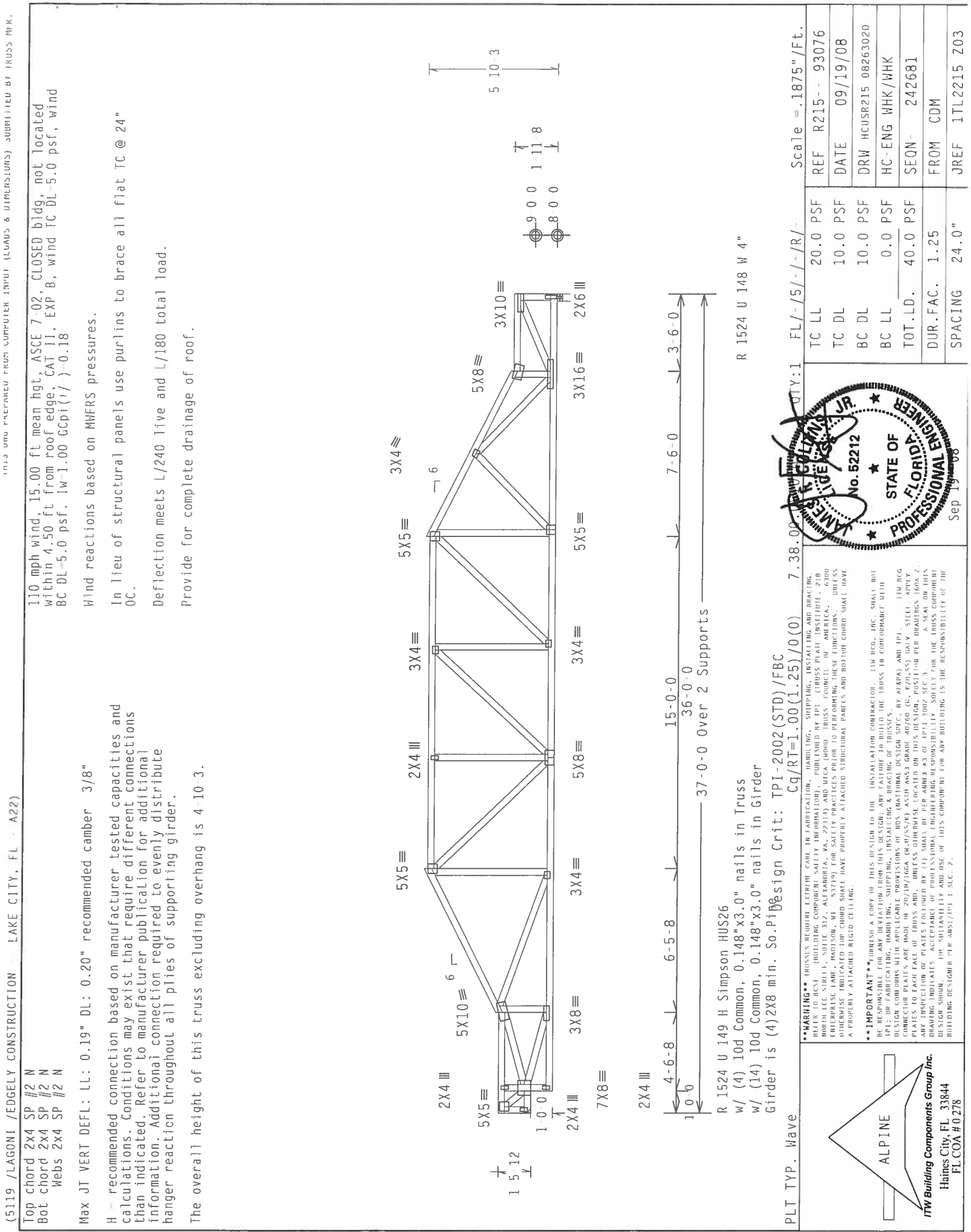
SPACING 24.0"

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

FL COA # 0278



(5119 /LAGONI /EDGELEY CONSTRUCTION — LAKE CITY, FL — A22)

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

Max JT VERT DEF: LL: 0.19" DL: 0.20" recommended camber 3/8"

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. Additional connection required to evenly distribute hanger reaction throughout all plies of supporting girder.

The overall height of this truss excluding overhang is 4-10.3.

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. $I_w = 1.00$ $G_{CPI}(1) = 0.18$

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.

Provide for complete drainage of roof.

R 1524 U 149 H Simpson HUS26
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder
Girder is (4)2x8 min. So.P1 Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.38.00

PLT TYP. Wave

Scale = .1875" / Ft.

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

****WARNING**** TRUSSES REQUIRE TYPICAL 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 THE DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF IBCS (NATIONAL DESIGN SPEC., BY AIAA) AND TPI. THE REG. CONNECTOR PLATES ARE MADE OF 2010/16GA (24.0/55/16) ASTM A563 GRADE 40/60 (U, R/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS. 160A 2. DRAWING INDICATES ACCEPTANCE OF THE DESIGN. THE DESIGNER SHALL BE RESPONSIBLE FOR THE TRUSS CONSTRUCTION. THE SHOWN FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. TPI AHS/TPI 1 SEC. 7.

TC LL	20.0 PSF	REF	R215--	93076
TC DL	10.0 PSF	DATE	09/19/08	
BC DL	10.0 PSF	DRW	HCUSR215	08263020
BC LL	0.0 PSF	HC-ENG	WHK/WHK	
TOT.LD.	40.0 PSF	SEQN-	242681	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF	1TL2215	Z03

ALPINE

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

JAMES T. COLUNGA, JR.
No. 52212
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Sep 19, 2008

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. $I_w=1.00$ GCpi($t/\dots$) 0.18

Wind reactions based on MWFRS pressures.

11. 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.

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 3-10 3.



Girder is (3)2X6 min. So. Pipe Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave C_g/R=1.00(1.25)

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"	



Sep 19 08

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun nails)
Top Chord: 1 Row @ 4.00" o.c.
Bot Chord: 1 Row @ 12.00" o.c.
Webs : 1 Row @ 4" o.c.

left end vertical not exposed to wind pressure.

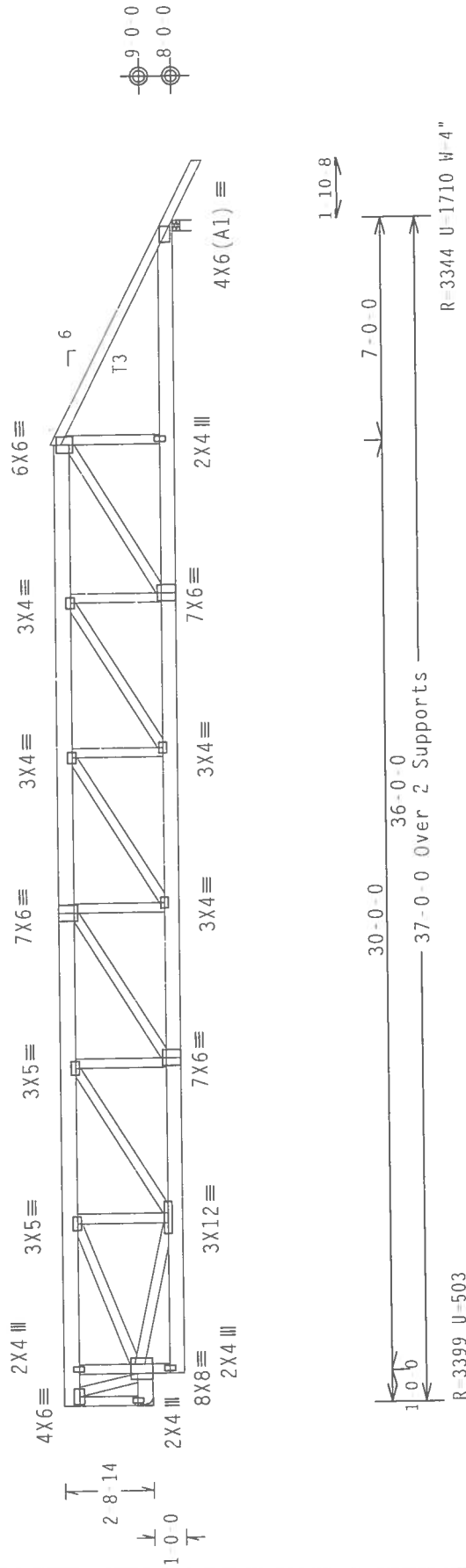
Deflection meets L/240 live and L/180 total load.

110 mph wind, 15.00 ft mean hgt, ASCE 7 02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC D1 5.0 psf, wind RCPD=5.0 psf, $I_w 1.00$ GCpi(r)=0.18

SPECIAL LOADS		(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)	
TC	From	122 PLF at 0.00 to	122 PLF at 30.00
TC	From	60 PLF at 30.00 to	60 PLF at 38.88
BC	From	60 PLF at 0.00 to	60 PLF at 30.00
BC	From	20 PLF at 30.00 to	20 PLF at 37.00
TC	172 LB Conc.	Load at 30.00	
TC	438 LB Conc.	Load at 30.00	

Wind reactions based on MWFS pressures.

Max JT VERT DEFL: LL: 0.30" DL: 0.26" recommended camber 1/2"



R=3399 U=503

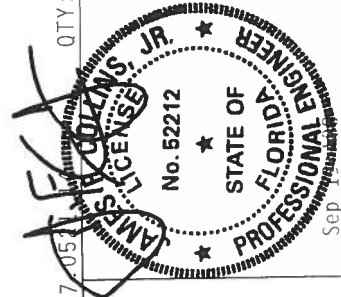
Design Crit: TPI-2002(STD)/FBC

OTV:1 FI // 5/ / - / R / Scale = .1875" / Ft.

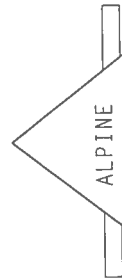
PLT TYP. Wave

*****WARNING***** TRUSSES REQUIRING EXTREME CARE IN FABRICATION, INSTALLING, SHIPPING, HANDLING, UNLOADING, AND BRACING BEFORE USE! (CONTINUING COMPONENT SAFETY INFORMATION)... PUBLISHED BY TPI (TRUSS PLAN INSTITUTE), 2100 NORTH LEE BLVD., SUITE 312, ALEXANDRIA, VA 22314 AND WEA (WOOD TRUSS COUNCIL OF AMERICA), 10001 E. 15TH AVE., DENVER, CO 80231. (SEE LAST PAGE FOR CONTACT INFORMATION.)

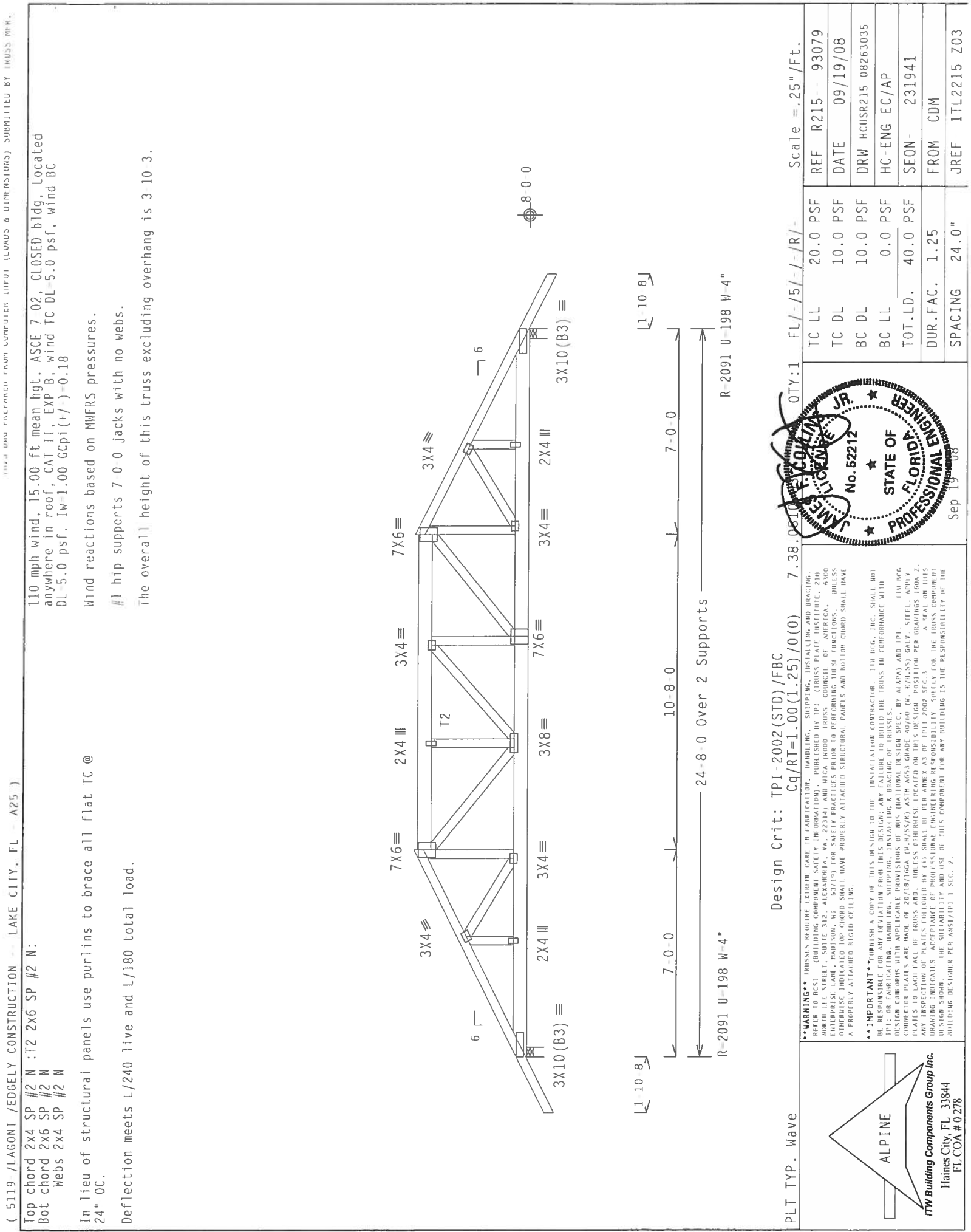
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TC LL	20.0 PSF	REF R215--	93078
TC DL	10.0 PSF	DATE	09/19/08
BC DL	10.0 PSF	DRW	HCDUSR215 08263036
BC LL	0.0 PSF	HC-ENG	EC/AP
TOT.LD.	40.0 PSF	SEQN-	7101 REV
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TL2215_Z03



ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0078



(5119 /LAGONI /EDGELEY CONSTRUCTION - LAKE CITY, FL - A25)

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

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

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

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

Wind reactions based on MWFRS pressures.
#1 hip supports 7 0 0 jacks with no webs.
The overall height of this truss excluding overhang is 3 10 3.

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.38.0810

PLT TYP. Wave

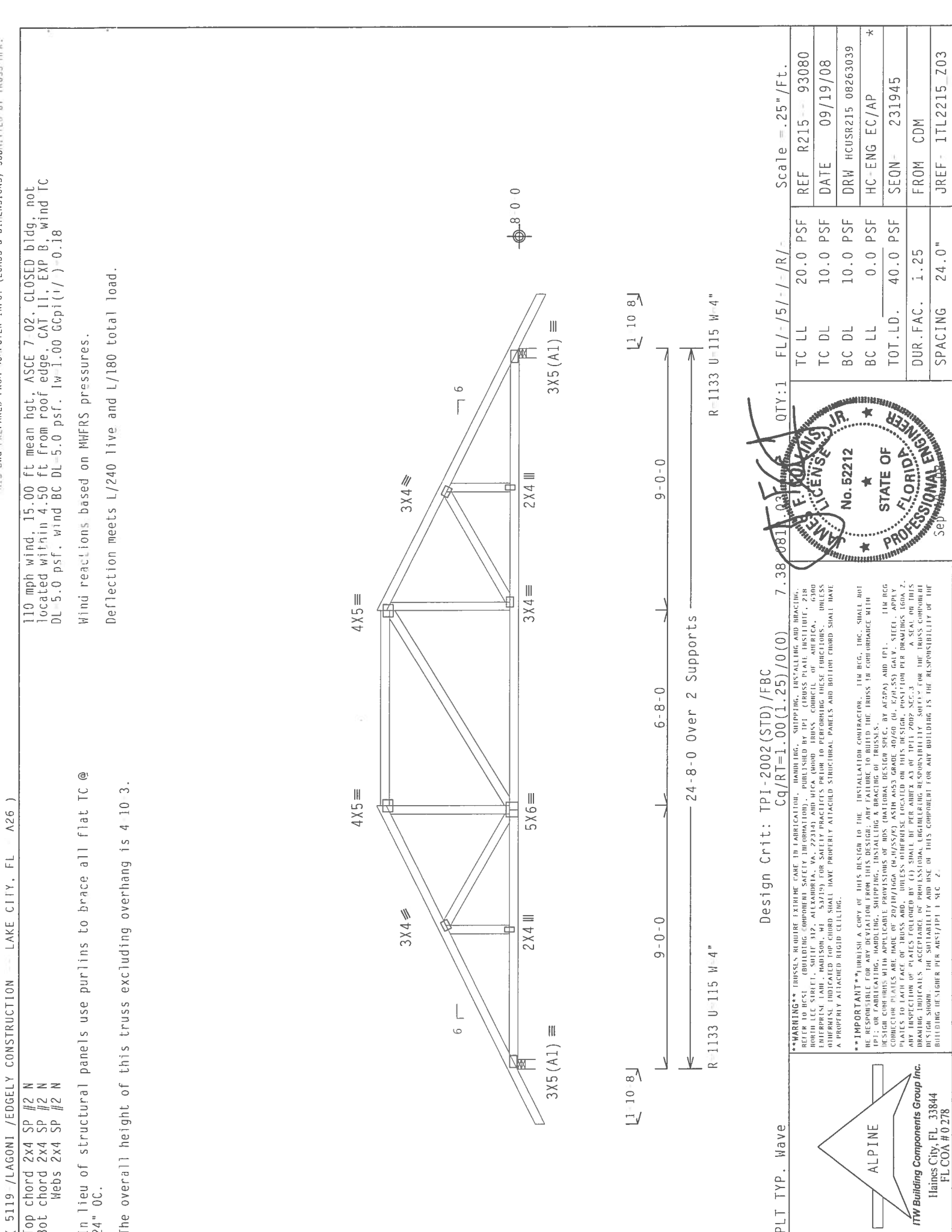
Scale = .25" / Ft.

TC LL	20.0 PSF	REF R215 - - 93079
TC DL	10.0 PSF	DATE 09/19/08
BC DL	10.0 PSF	DRW HCUSR215 08263035
BC LL	0.0 PSF	HC-ENG EC/AP
TOT.LD.	40.0 PSF	SEQN- 231941
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF 1TL2215 Z03

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

SEP 19 08
JAMES E. COLE JR.
No. 52212
STATE OF FLORIDA
PROFESSIONAL ENGINEER

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DESI (BUILDING COMPONENTS SAFETY THEOREM) FOR THE FOLLOWING: 1. TRUSS PLATES MUST BE 2400 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22304, AND MUST BE USED TO PERFORM THE FOLLOWING: 1. 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 THE DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.
DESIGN CORRECTIONS WITH APPLICABLE PROVISIONS OF BCS (NATIONAL DESIGN SPEC, BY ALPINE) AND TPI.
CONNECTOR PLATES ARE MADE OF 2018/166A (4-1/2"X5/8") ASTM A653 GRADE 40/60 (4, 4/16SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN POSITION PER DRAWINGS 160A 2. THE FORM OF PLATE FOLLOWED BY (1) SHALL BE THE RESPONSIBILITY OF THE USER. A SEAL ON THIS DRAWING INDICATES 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.



(5119-/LAGONI /EDGELY CONSTRUCTION -- LAKE CITY, FL A26)

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

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 3/4".

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. $I_w = 1.00$ GCp(1/10) = 0.18

Wind reactions based on MWFRS pressures.

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

Scale = .25" / Ft.

QTY: 1

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

REF R215 - 93080

DATE 09/19/08

DRW HCUSR215 08263039

HC-ENG EC/AP

SEON- 231945

FROM CDM

JREF- 1TL2215 Z03

PLI TYP. Wave

Design Crit: TPI-2002(STD)/FBC

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

7.38 0811.03

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

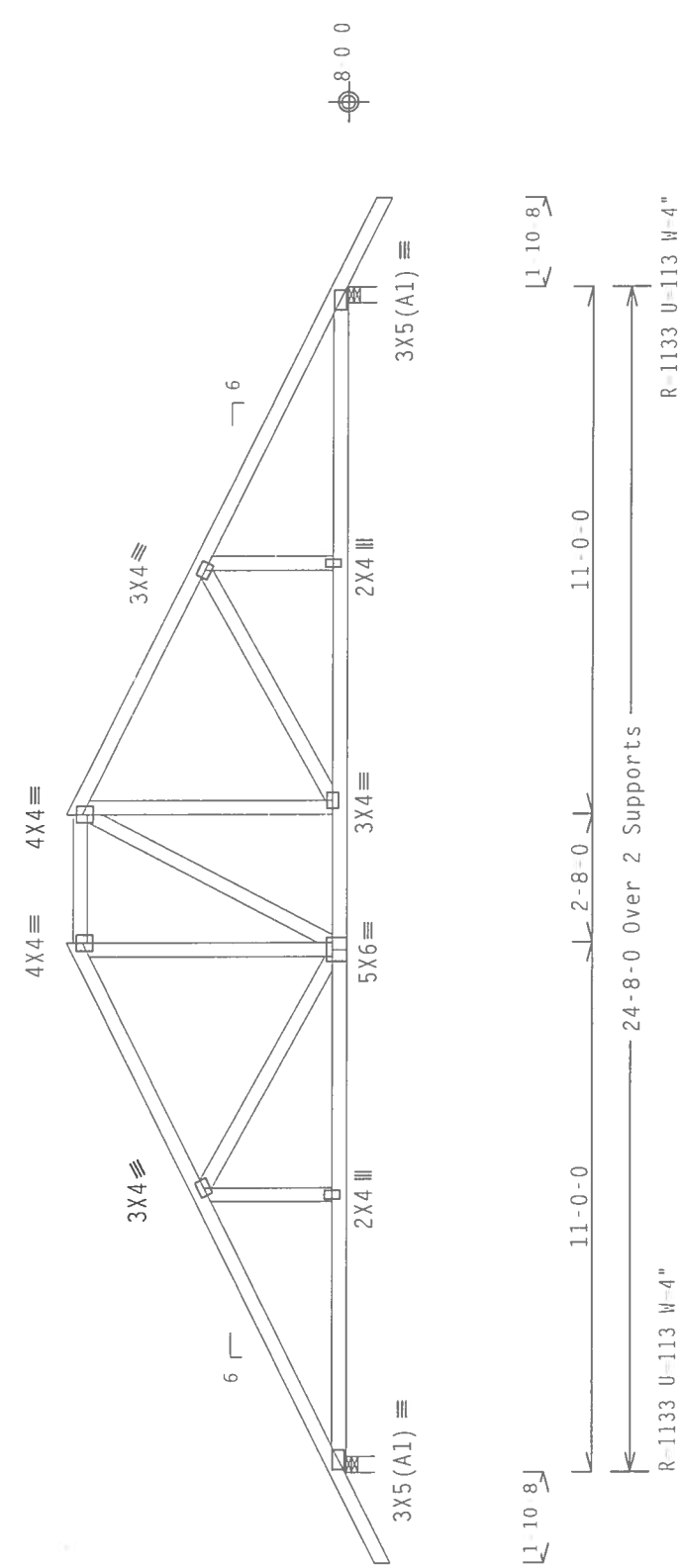
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. 1w=1.00 GCpi(1/-)-0.18

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

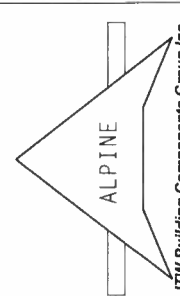
Wind reactions based on MWFRS pressures.

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

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



PLT TYP. Wave



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

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.38.08

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

Scale = .25" / Ft.

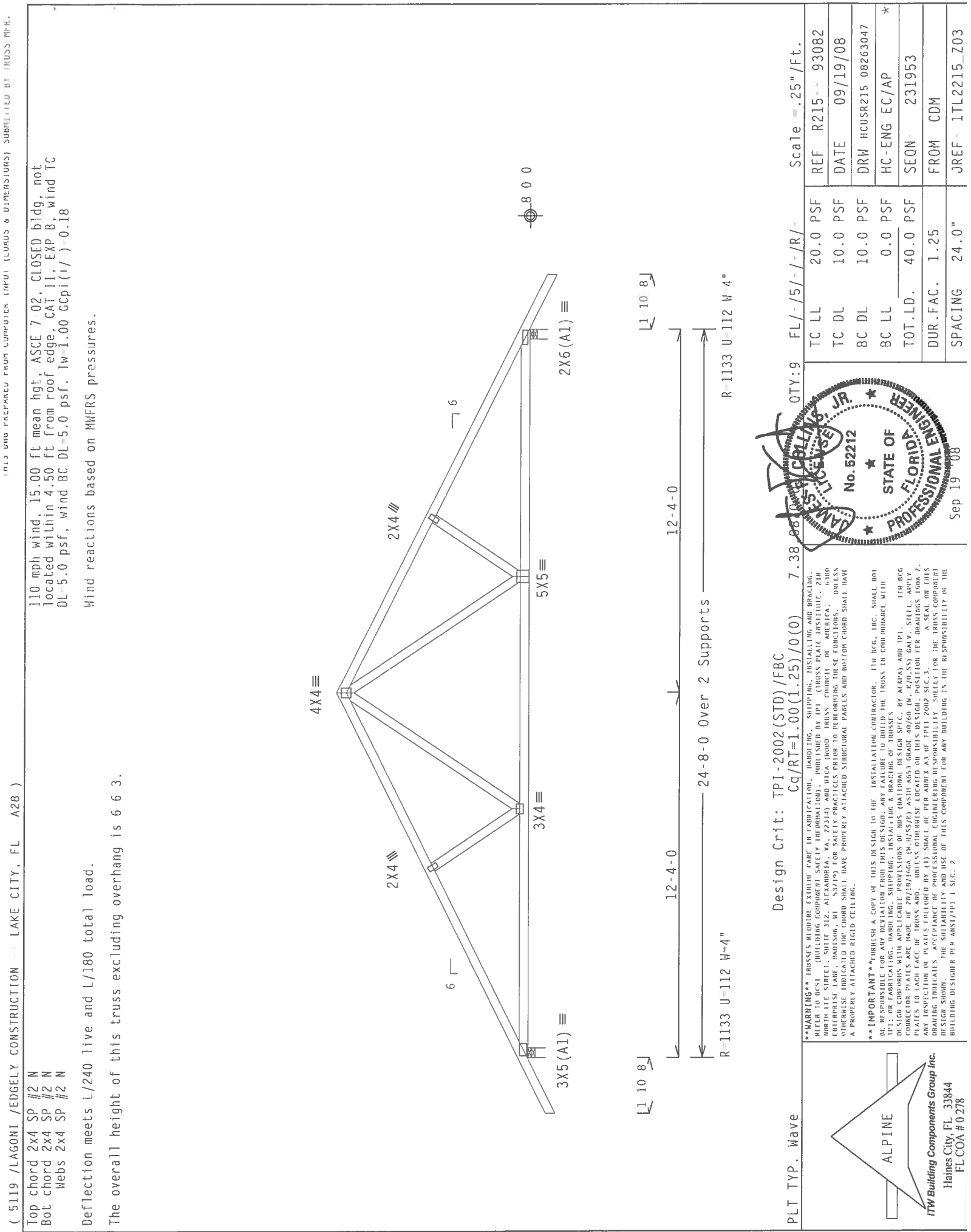
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TC DL	10.0 PSF	DATE	09/19/08	
BC DL	10.0 PSF	DRW	HCUSR215	08263046
BC LL	0.0 PSF	HC-ENG	EC/AP	*
TOT.LD.	40.0 PSF	SEQN	231949	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF	1TL2215_Z03	

JAMES P. COLEMAN, JR.
FLORIDA
No. 52212
STATE OF
PROFESSIONAL ENGINEER

Sep

****WARNING**** THESE REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENTS SAFETY INFORMATION. PUBLISHED BY TPI (CRUSS PLATE INSTITUTE), 210 NORTH STREET, SUITE 312, ALEXANDRIA, VA 22304, AND MECA GROUP, TRUSS COMPANY OF AMERICA, 10000 WILSON ROAD, SUITE 100, FORT WORTH, TEXAS 76116. THESE REQUIREMENTS ARE FOR INFORMATION ONLY. UNLESS OTHERWISE INDICATED FOR CHORD, SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAULS 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 BCS (NATIONAL DESIGN SPEC., BY AIA/AIA) AND TPI. ITW BCG CONDUCTOR PLATES ARE MADE OF 2010/1666 (44-17/55/13) ASTM A553 GRADE 40/60 (41, 42/55) 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 AMER A3 OF TPI 2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. THE TRUSS COMPANY BUILDING DESIGNER AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



(5119 /LAGONI /EDGELEY CONSTRUCTION -- LAKE CITY, FL A28)

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

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

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind Tc DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 Gcpi(1/) 0.18

Wind reactions based on MWFRS pressures.

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.38 08

PLT TYP. Wave

Scale = .25"/Ft.

QTY: 9

FL / - / 5 / - / R / -

REF R215 - 93082

DATE 09/19/08

DRW HCUSR215 08263047

HC-ENG EC/AP

SEQN 231953

FROM CDM

JREF 1TL2215_Z03

PLT TYP. Wave

Scale = .25"/Ft.

QTY: 9

FL / - / 5 / - / R / -

REF R215 - 93082

DATE 09/19/08

DRW HCUSR215 08263047

HC-ENG EC/AP

SEQN 231953

FROM CDM

JREF 1TL2215_Z03

PLT TYP. Wave

Scale = .25"/Ft.

QTY: 9

FL / - / 5 / - / R / -

REF R215 - 93082

DATE 09/19/08

DRW HCUSR215 08263047

HC-ENG EC/AP

SEQN 231953

FROM CDM

JREF 1TL2215_Z03

PLT TYP. Wave

Scale = .25"/Ft.

QTY: 9

FL / - / 5 / - / R / -

REF R215 - 93082

DATE 09/19/08

DRW HCUSR215 08263047

HC-ENG EC/AP

SEQN 231953

FROM CDM

JREF 1TL2215_Z03

PLT TYP. Wave

Scale = .25"/Ft.

QTY: 9

FL / - / 5 / - / R / -

REF R215 - 93082

DATE 09/19/08

DRW HCUSR215 08263047

HC-ENG EC/AP

SEQN 231953

FROM CDM

JREF 1TL2215_Z03

PLT TYP. Wave

Scale = .25"/Ft.

QTY: 9

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REF R215 - 93082

DATE 09/19/08

DRW HCUSR215 08263047

HC-ENG EC/AP

SEQN 231953

FROM CDM

JREF 1TL2215_Z03

PLT TYP. Wave

Scale = .25"/Ft.

QTY: 9

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REF R215 - 93082

DATE 09/19/08

DRW HCUSR215 08263047

HC-ENG EC/AP

SEQN 231953

FROM CDM

JREF 1TL2215_Z03

PLT TYP. Wave

Scale = .25"/Ft.

QTY: 9

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REF R215 - 93082

DATE 09/19/08

DRW HCUSR215 08263047

HC-ENG EC/AP

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FROM CDM

JREF 1TL2215_Z03

PLT TYP. Wave

Scale = .25"/Ft.

QTY: 9

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REF R215 - 93082

DATE 09/19/08

DRW HCUSR215 08263047

HC-ENG EC/AP

SEQN 231953

FROM CDM

JREF 1TL2215_Z03

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 !w 1.00 GCpi(1/)=0.18

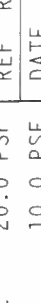
Wind reactions based on MFRS pressures.

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


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

180

Scale = .3125"/Ft.

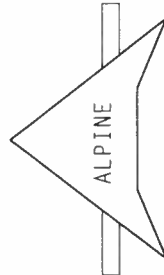


ITW Building Components Group Inc.
Haines City, FL 33844
FL COA # 0278

WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES FOR TRUSS FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. (SEE: TRUSS PLACE INSTITUTE, 2100 W. 11TH STREET, MIAMI, FL 33135) AND ALCANTARA, 29200 W. ALCAHUE BLVD, SUITE 100, AUSTIN, TX 78746. ALWAYS USE THE CORRECT UNDERLIE LATH. (HOLDSURF, 61537109) 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 BEG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE ITW BUILDING COMPONENTS GROUP, SHIPPING, INSTALLING AND BRACING INSTRUCTIONS. (SEE: TRUSS PLACE INSTITUTE, 2100 W. 11TH STREET, MIAMI, FL 33135) AND ALCANTARA, 29200 W. ALCAHUE BLVD, SUITE 100, AUSTIN, TX 78746. ALWAYS USE THE CORRECT UNDERLIE LATH. (HOLDSURF, 61537109) 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.

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

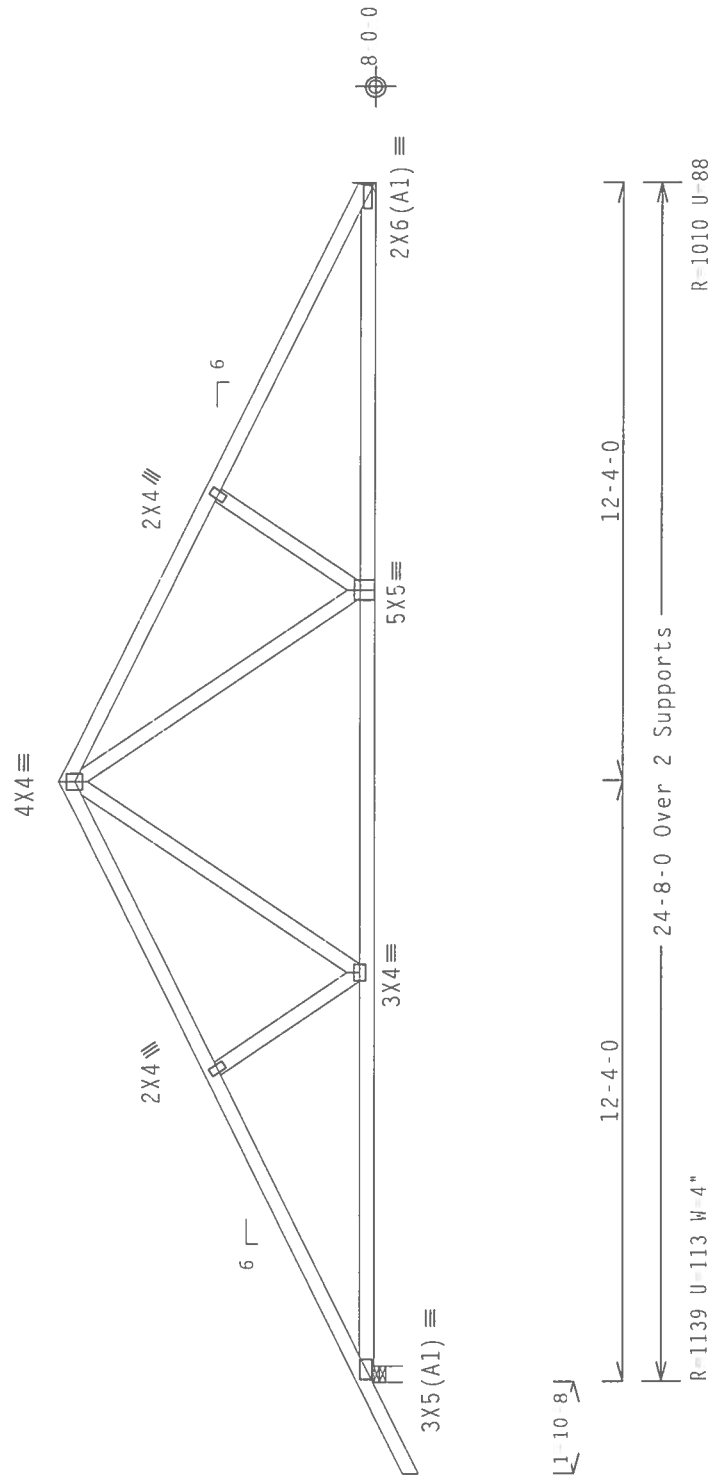
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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. Iw=1.00 GCpl(+/-) 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 6-6-3.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.38.00

Scale = .25" / Ft.

REF	R215	93084
DATE	09/19/08	
DRW	HCUSR215	08263050
HC-ENG	EC/AP	
SEQN	232187	
FROM	CDM	
JREF	1TL2215	Z03

QTY: 1 FL / - / - / 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"

STATE OF FLORIDA
No. 52212
JAMES E. EDGELY JR.
PROFESSIONAL ENGINEER

Sep 19 08

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

ALPINE

IMPORTANT: ITW BUILDING COMPONENTS GROUP INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN OR ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN. THE INSTALLATION CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION OF THE TRUSS. THE TRUSS IS TO BE USED IN CONFORMANCE WITH THE DESIGN. THE TRUSS IS TO BE USED IN CONFORMANCE WITH THE DESIGN. THE TRUSS IS TO BE USED IN CONFORMANCE WITH THE DESIGN.

Top chord 2x6 SP #2 N :T1, T5 2x6 SP SS:
Bot chord 2x12 SP SS :B2, B3 2x12 SP #2 N:
Webs 2x4 SP #2 N

SPECIAL LOADS

- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
- TC - From 62 PLF at 1.18 to 62 PLF at 4.00
- TC - From 62 PLF at 4.00 to 62 PLF at 14.65
- TC - From 62 PLF at 14.65 to 62 PLF at 26.35
- TC - From 62 PLF at 26.35 to 62 PLF at 41.00
- TC - From 62 PLF at 41.00 to 62 PLF at 43.82
- BC - From 280 PLF at 0.00 to 280 PLF at 1.18
- BC - From 220 PLF at 1.18 to 220 PLF at 10.35
- BC - From 220 PLF at 10.35 to 220 PLF at 22.50
- BC - From 220 PLF at 22.50 to 220 PLF at 34.65
- BC - From 220 PLF at 34.65 to 220 PLF at 43.82
- BC - From 280 PLF at 43.82 to 280 PLF at 45.00
- BC - 1455 LB Conc. Load at 3.50, 41.50
- BC - 420 LB Conc. Load at 9.50, 16.00, 22.50, 29.00, 35.50
- PLB - 400 LB Conc. Load at (3.50,14.04), (41.50,14.04)

The overall height of this truss excluding overhang is 24'-3".

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

3 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun nails)
Top Chord: 1 Row @12.00" O.C.
Bot Chord: 1 Row @5.00" O.C.
Webs : 1 Row @ 4" O.C.
Repeal nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting.

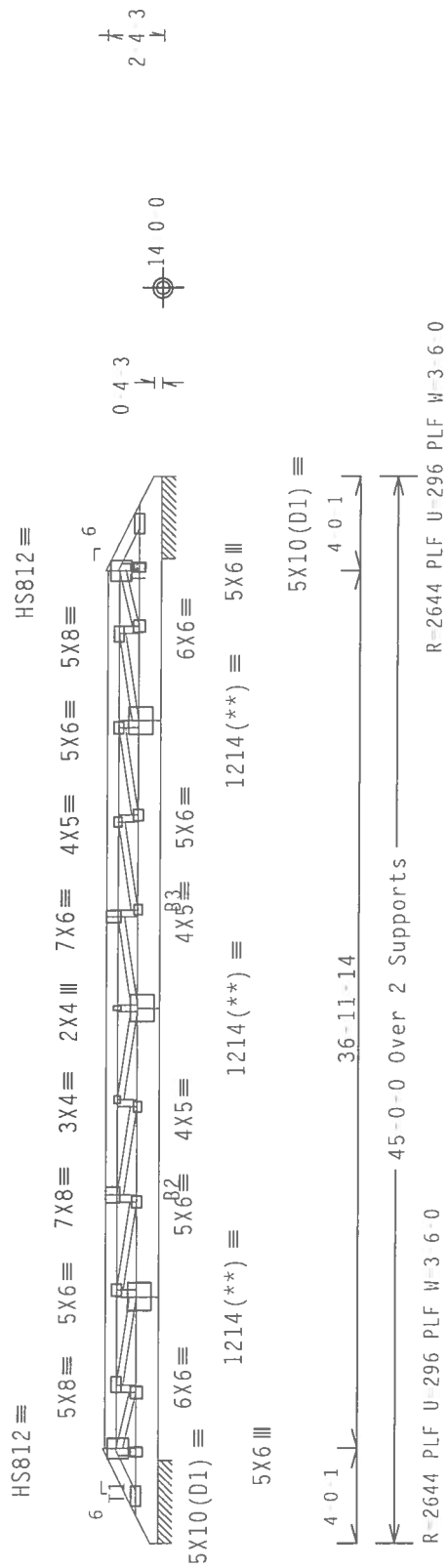
(**) 3 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

110 mph wind, 15.64 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 GCpl (+/-)=0.18

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.



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

Scale = .125"/Ft.

WARNING TRUSSES REQUIRE EXTERIOR 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 THE DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC., BY AREA) AND TPI. THE BEG CONNECTION PLATES ARE MADE OF 20/18/16GA (M/SS) ASH 6053 GRADE 40/60 (M/ 470/55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TOP CHORD AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-2. PLATES TO EACH FACE OF TOP CHORD SHALL BE FOLLOWED BY (1) SHALL BE PER AREA AS OF TPI 2002 SEC.3. A SEAL OR THIS DRAWING SHALL BE REQUIRED FOR THE TRUSS COMPANY TO BE RESPONSIBLE FOR THE TRUSS COMPANY'S DESIGNER. THE DESIGNER'S RESPONSIBILITY AND USE OF THIS COMPANY FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AREA/TPI 1 SEC. 2.

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	
REF	R215--	93085
DATE	09/19/08	
DRW	HCUSR215	08263024
HC-ENG	WHK/WHK	
SEQN	232229	
FROM	CDM	
JREF	1TL2215_Z03	

ALPINE

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

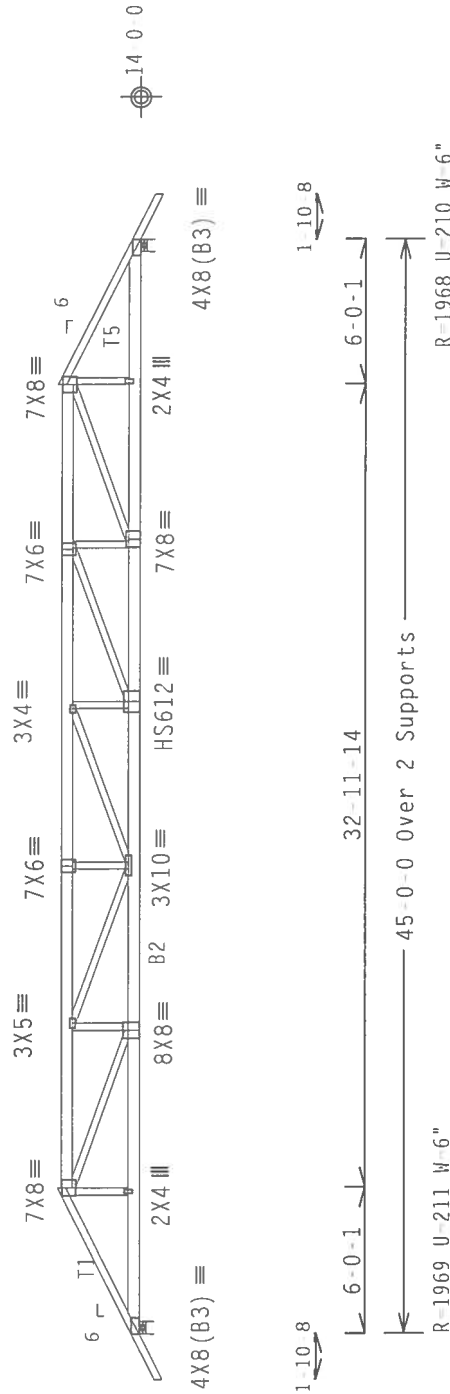
110 mph wind, 15.38 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP 8, wind TC DL 5.0 psf, wind BC DL 5.0 psf, $I_w 1.00$ GCpi(1/) 0.18

Wind reactions based on MVFR pressures.

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.

Calculated vertical deflection is 0.65" due to live load and 0.67" due to dead load at $X = 19-2.7$.

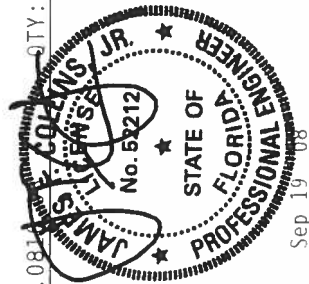
The overall height of this truss excluding overhang is 3 4 3.



PLT TYP. 20 Gauge HS, Wave

Scale = .125"/Ft.

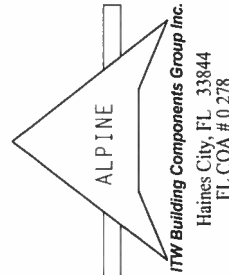
TC LL	20.0 PSF	REF R215 - 93086
TC DL	10.0 PSF	DATE 09/19/08
BC DL	10.0 PSF	DRW HCURSR215 08263060
BC LL	0.0 PSF	HC-ENG EC/AP
TOT.LD.	40.0 PSF	SEQN - 232235
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF 1TL2215 Z03



Sep 19 08

****WARNING**** THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING TO BEST ASSURE CONTINUING COMPLIANT SAFETY INFORMATION. PUBLISHED BY API (CRUISE PAPER 11111111), 7100 FRIERLESE AVE., HOUSTON, TX 77057-1111. FOR SAFETY REASONS, PLEASE DO NOT PERFORM THIS TYPE OF WORK UNLESS YOU ARE PROPERLY TRAINED AND CERTIFIED. THE SAFETY ATTACHED STRUCTURAL PARTS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CHORDS.

****IMPORTANT****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH IPTC OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF BRUSSES. THE TRUSS AND IPTC WILL BEG COMPLETED BY THE CONTRACTOR UNLESS OTHERWISE INDICATED ON SIGN SPEC. BY AGENCY AND SUPPLIER. ALL PLATES TO EACH FACE OF TRUSS AND JOINTS MUST BE WELDED. LOCATIONS OF THIS DESIGN POSITION PER DRAWINGS LOGO 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER AS OF IPTC 2002 SEC.3. A SIAL 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 AMER/IPTC 1 SEC. 2.



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

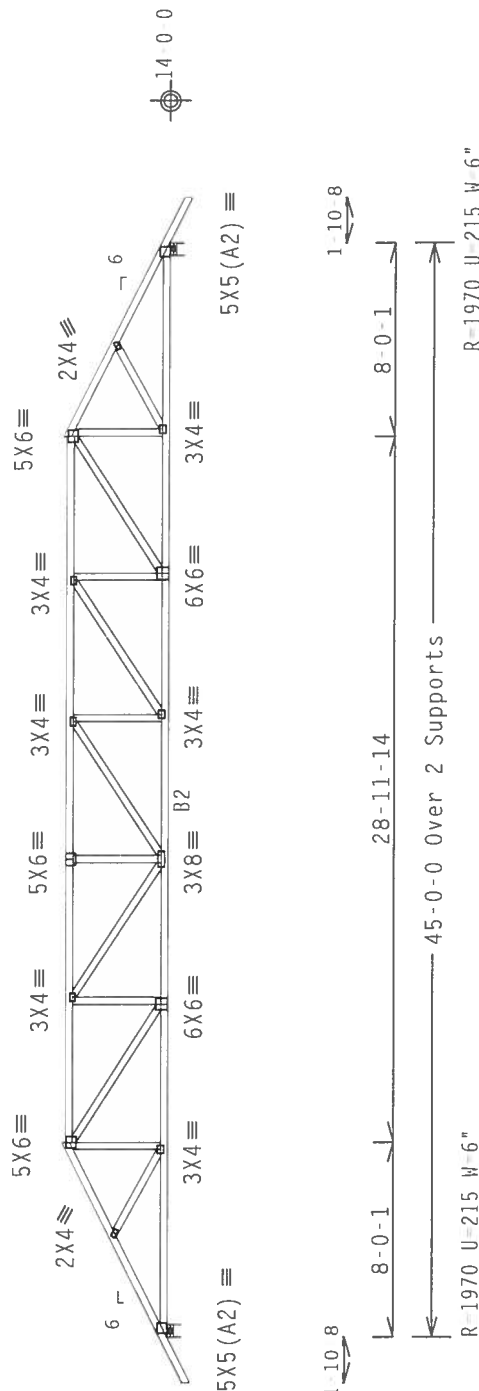
1110 mph wind, 15.88 ft mean hgt., ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP 8, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $iw=1.00$ GCpi(γ)=0.18

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

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

Calculated vertical deflection is 0.51" due to live load and 0.52" due to dead load at $X = 19.73$.

WARNING: Furnish a copy of this DMG 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
C_a/RT=1.00(1.25)/

PLT TYP. Wave

[illegible]

ALPINE

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

STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Sep 19 1968

FL / - / 5 / - / - / R / -	Scale = .125" / Ft.	
TC LL	20.0 PSF	REF R215 - 93087
TC DL	10.0 PSF	DATE 09/19/08
BC DL	10.0 PSF	DRW HCUR215 08263061
BC LL	0.0 PSF	HC-ENG EC/AP
TOT.LD.	40.0 PSF	SEQN 232144
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF - 1TL2215 Z03

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

110 mph wind, 16.38 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(+/)=0.18

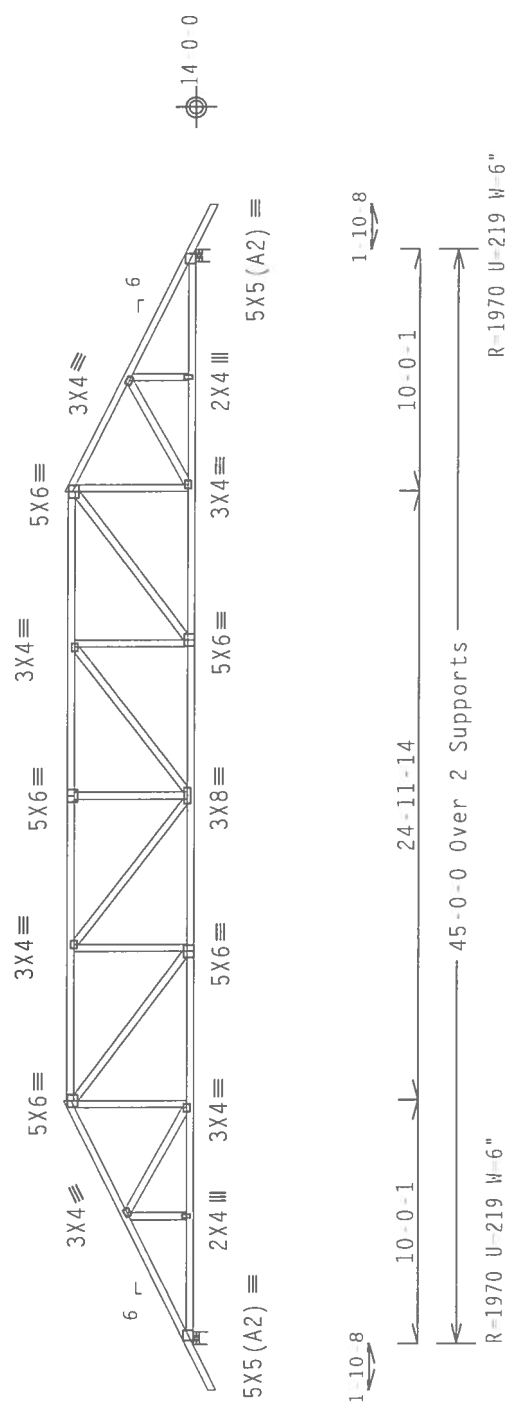
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Wind reactions based on MWFRS pressures.

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

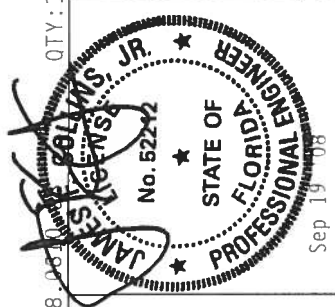
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

The overall height of this truss excluding overhang is 5'4"3."



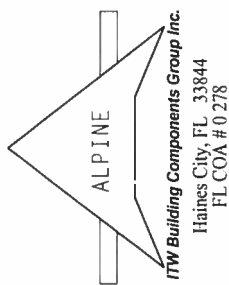
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0)

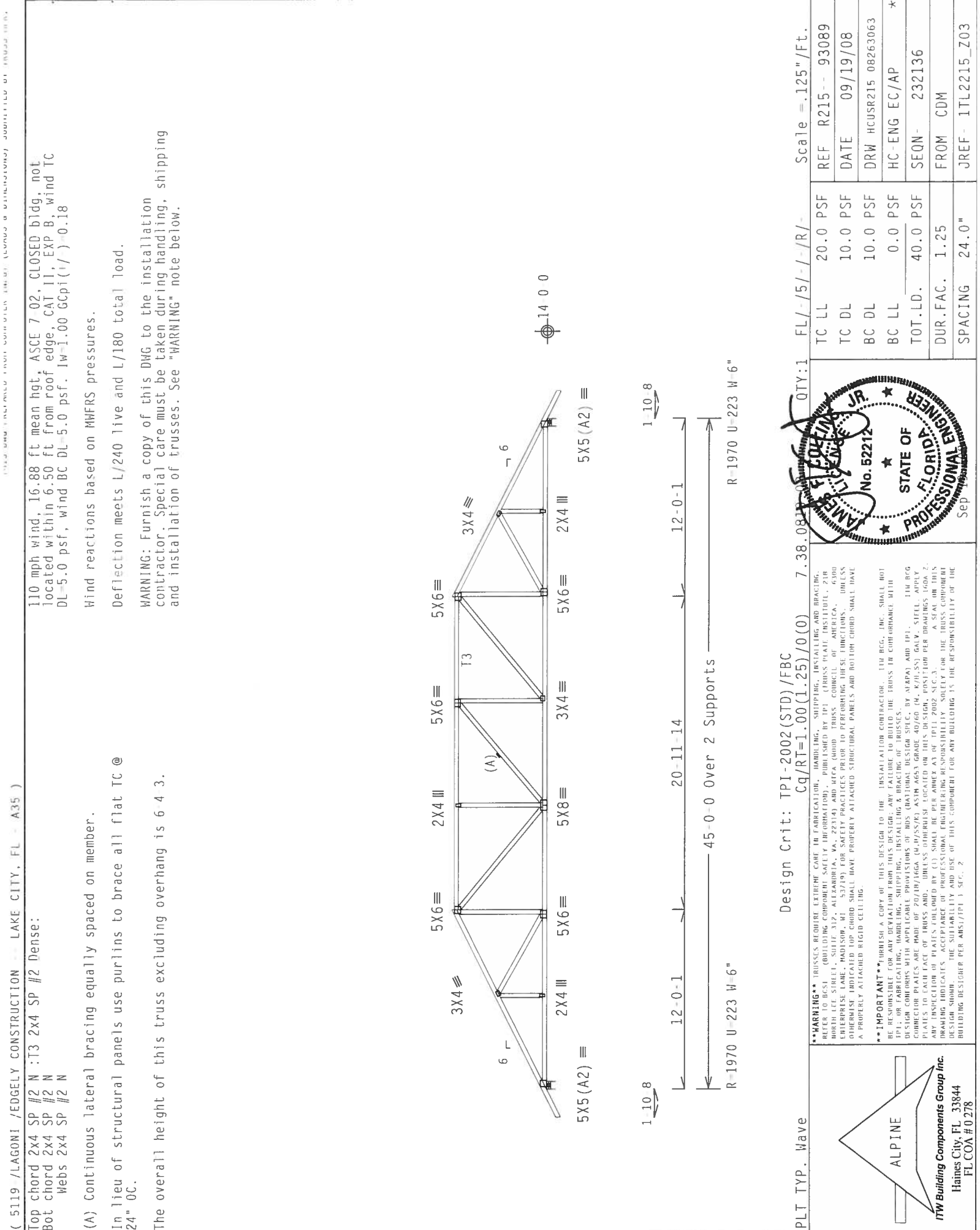
PLT TYP. Wave	QTY: 1	FL / - / 5 / - / - / R / -	Scale = .125" / Ft.
TC LL	20.0 PSF	REF	R215 - 93088
TC DL	10.0 PSF	DATE	09/19/08
BC DL	10.0 PSF	DRW	HCUSR215 08263062
BC LL	0.0 PSF	HC - ENG	EC/AP *
TOT. LD.	40.0 PSF	SEQN -	232140
DUR. FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF -	1TL2215_Z03



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENTS SAFETY INFORMATION. PUBLISHED BY TPI (BRUSS PLATE INSTITUTE, 210 GORTHER STREET, SUITE 312, ALEXANDRIA, VA, 22304) AND WICK (WOOD TRUSS COMPANY OF AMERICA, 6300 WICK DRIVE, SUITE 100, FORT WORTH, TX, 76116) FOR SAFETY PRACTICES PRIOR TO PERFORMING THE SECTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE 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 AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI. CONNECTION PLATES ARE MADE OF 20/10/16GA (W/55/PS) ASH A653 GRADE 40/60 (W/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. SUEPLY 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.





(5119 /LAGONI /EDGELY CONSTRUCTION - LAKE CITY, FL - A35)

Top chord 2x4 SP #2 N :T3 2x4 SP #2 Dense:
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.

The overall height of this truss excluding overhang is 6 4 3.

110 mph wind, 16.88 ft mean hgt, ASCE 7 02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 Gcpl(1/)=0.18

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.

Scale = .125" / Ft.

REF R215 - 93089

DATE 09/19/08

DRW HCUSR215 08263063

HC-ENG EC/AP

SEQN - 232136

FROM CDM

JREF - 1TL2215_Z03

PLT TYP. Wave

Design Crit: TPI-2002 (STD) / FBC

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

7.38.08

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

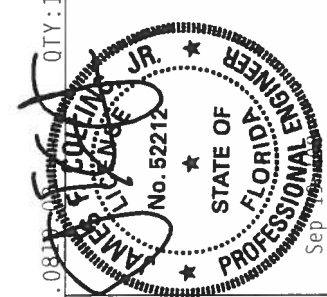
TOT.LD. 40.0 PSF

DUR.FAC. 1.25

SPACING 24.0"

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, 17.38 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 BC DL 5.0 psf. $I_w 1.00$ GCpi (1/1) = 0.18

(A) Continuous lateral bracing equally spaced on member.

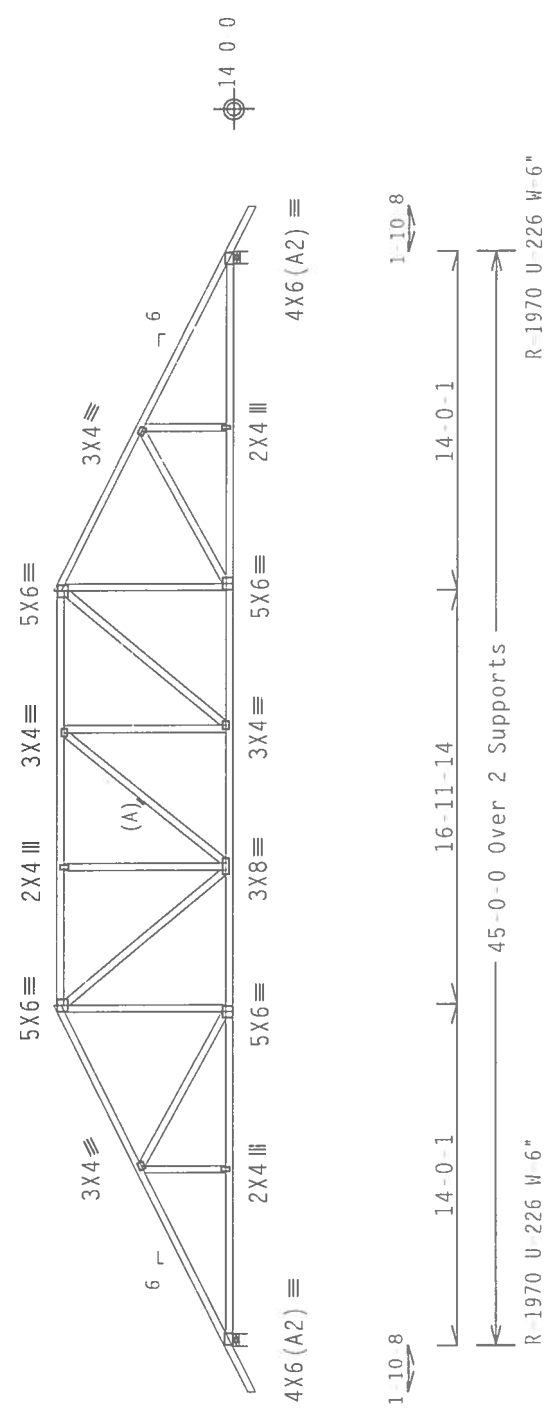
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

The overall height of this truss excluding overhang is 7-4 3/4.

Wind reactions based on MWFRS pressures.

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

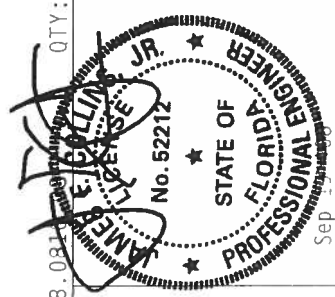
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

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

QTY: 1

Scale = .125"/Ft.

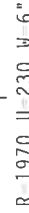
WARNING TROSS'S REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING REFER TO HCSS (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IFC (TROSS PLANT FACILITY, 718 NORTH LEE STREET, SUITE 212, ALEXANDRIA, VA, 22314) AND MICA (WOOD TROSS, COUNCIL OF AMERICA, 6700 ENTERPRISE LANE, HANOVER, MI 48149) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. HCSS' OFFICIALS INDICATED TOP CHORD SHAPES HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHAPES HAVE A PROPERLY ATTACHED RIGID CEILING.

[illegible]

ALPINE

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

The overall height of this truss excluding overhang is 8'4" 3.



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

110 mph wind, 18.38 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL 5.0 psf, wind BC DL 5.0 psf Iw 1.00 GCpi(+/-) 0.18

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.

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

Scale = .125"/Ft.

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

110 mph wind, 18.88 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. $1w=1.00 G C p i(1/3) 0.18$

(A) Continuous lateral bracing equally spaced on member.

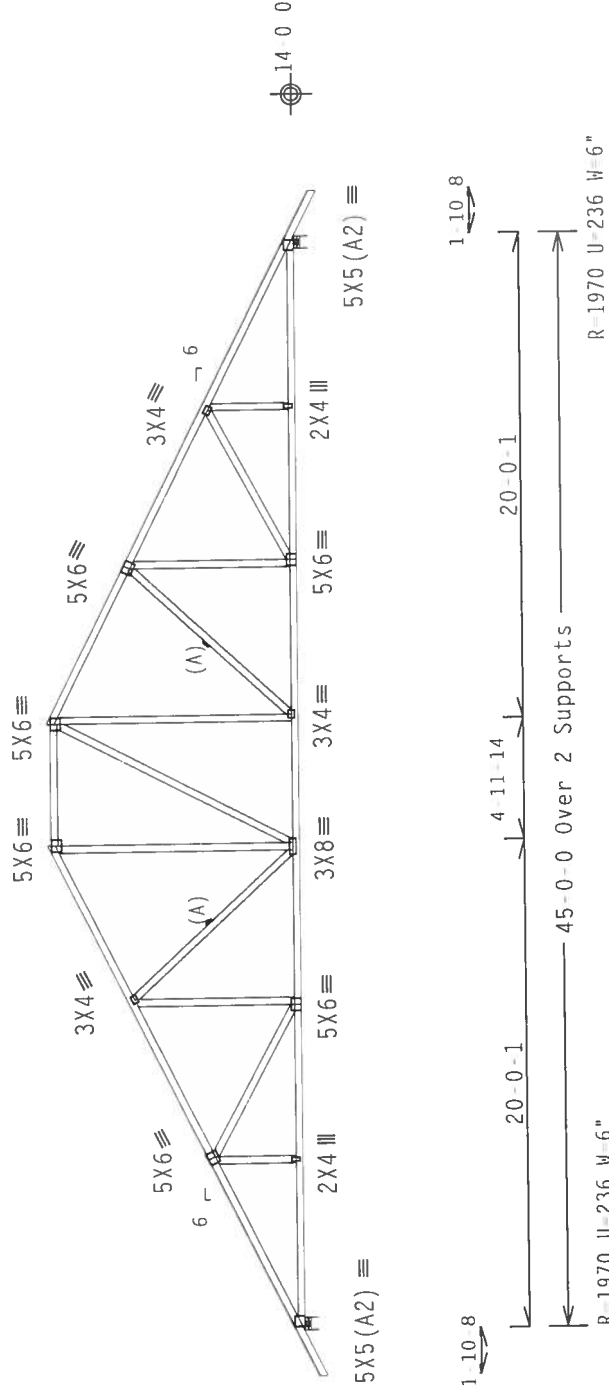
Wind reactions based on MWFRS pressures.

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 10'-4.3".



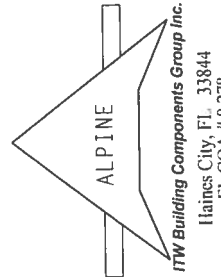
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0)

Scale = .125"/Ft.

PLT TYP. Wave

****WARNING**** TRUSSES REQUIRE EXERCISE CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING CODES FOR THIS DESIGN. ANY FAILURE TO FOLLOW THE TRUSS IN CONFORMANCE WITH THE TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING OR BRACING SPEC. BY ALPINE AND TPI DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE INTERNATIONAL DESIGN SPEC. BY ALPINE AND TPI. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

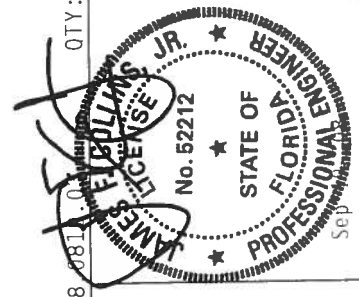
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE REG. ENG. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO FOLLOW THE TRUSS IN CONFORMANCE WITH THE TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING OR BRACING SPEC. BY ALPINE AND TPI DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE INTERNATIONAL DESIGN SPEC. BY ALPINE AND TPI. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.



QTY: 1

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

TC LL	20.0 PSF	REF	R215--	93093
TC DL	10.0 PSF	DATE	09/19/08	
BC DL	10.0 PSF	DRW	HCUSR215	08263067
BC LL	0.0 PSF	HC-ENG	EC/AP	*
TOT.LD.	40.0 PSF	SEQN	232120	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF	1TL2215-Z03	



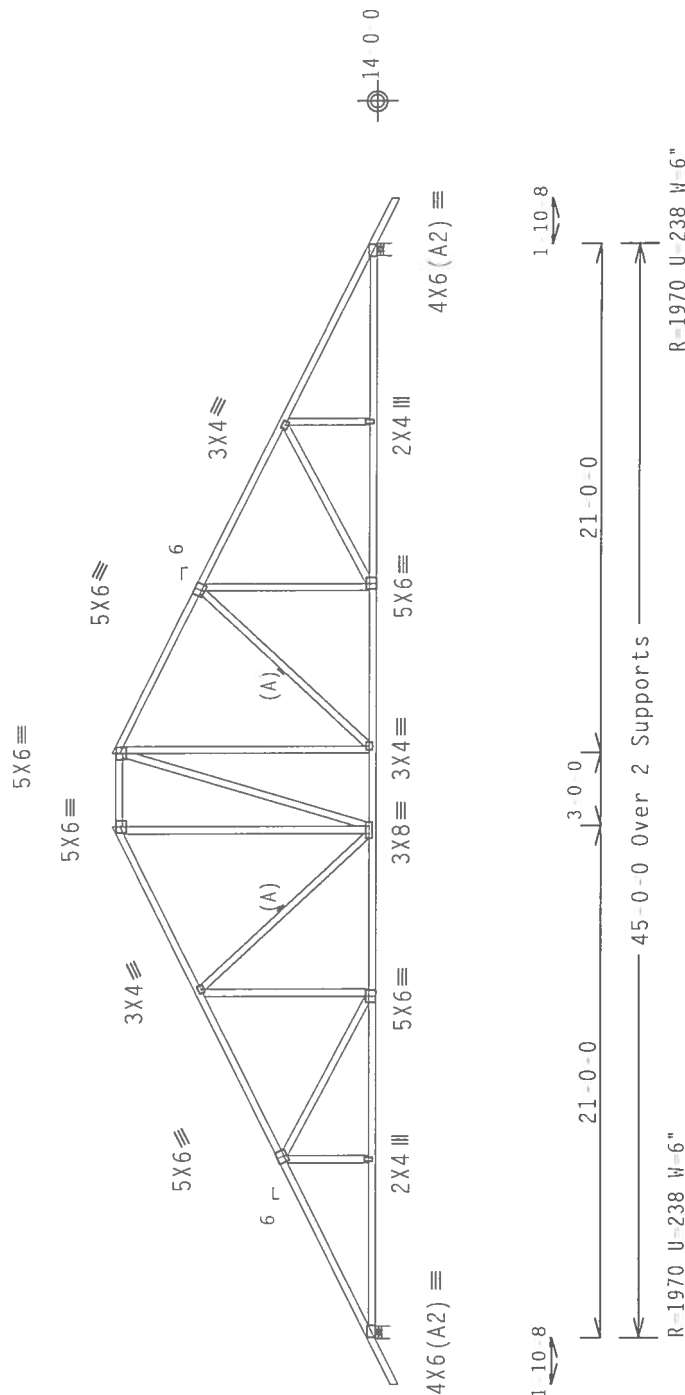
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA # 0278

1110 mph wind, 19.13 ft mean ht, 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(1/1) 0.18

Wind reactions based on MWFRS pressures.

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

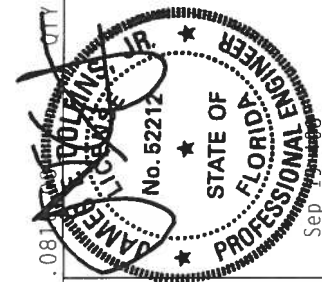
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

Design Crit: $\text{TPI-2002(STD)}/\text{FBC}$
 $\text{Ca}/\text{RT}=1.00(1.25)/$
$$Cq/RT=1.00(1.25)/0(0)$$

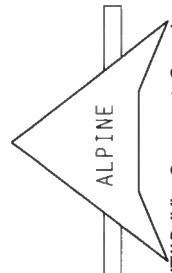
81 ~~Asbury~~ CITY: 1

Scale = .125"/Ft.

TC LL	20.0	PSF	REF	R215 - -	93095
TC DL	10.0	PSF	DATE	09/19/08	
BC DL	10.0	PSF	DRW	HCUSR215	08263057
BC LL	0.0	PSF	HC-ENG	EC/AP	*
TOT.L.D.	40.0	PSF	SEQN	232112	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF	1TL2215	Z03



Sep

[illegible][illegible]

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

Sep 19 1968

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.

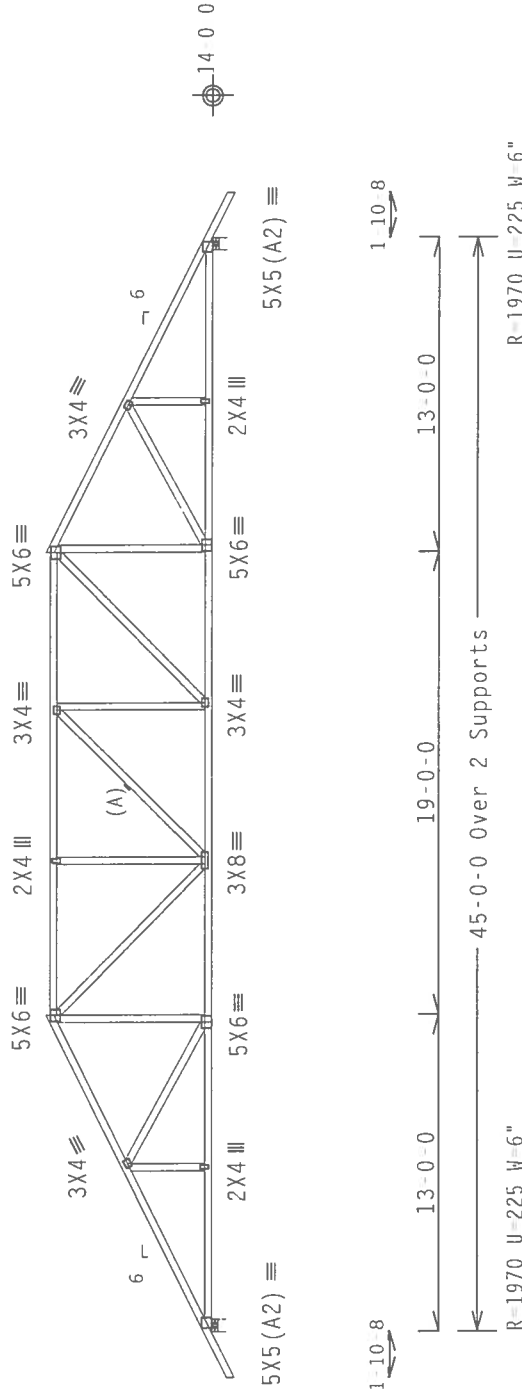
The overall height of this truss excluding overhang is 6 10 3.

110 mph wind, 17.13 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, 1w 1.00 GCpi(1/-)0.18

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.



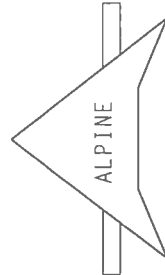
Design Crit: TPI-2002(STD)/FBC

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

****WARNING**** TRUSSES REMOVED EXISTING CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (GROSS PLATE INSTITUTE, 210 BORDO ITC STREET, SUITE 312, ALEXANDRIA, VA, 22304) AND AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC., 500 N. MEEKS STREET, PITTSBURGH, PA, 15222) FOR TRUSSES. TRUSSES MUST BE PROPERLY HANDLED AND STORED TO PREVENT DAMAGE. TRUSSES MUST BE PROPERLY BRACED AND NOT TO BE USED UNTIL THEY HAVE BEEN PROPERLY ATTACHED TO THE BUILDING STRUCTURE. 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 DAMAGE FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THIS NATIONAL DESIGN SPEC. BY AISC AND TPI. THE BCG CONTRACTOR PLATES ARE MADE OF 2010/16GA (0.0155\"/>

PLT TYP. Wave



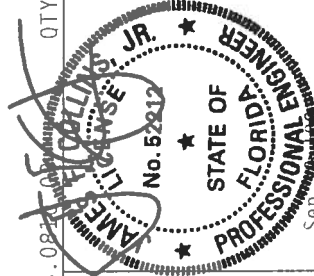
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0278

QTY: 1

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

Scale = .125"/Ft.

TC LL	20.0 PSF	REF	R215--	93099
TC DL	10.0 PSF	DATE	09/19/08	
BC DL	10.0 PSF	DRW	HCUSR215	08263052
BC LL	0.0 PSF	HC-ENG	EC/AP	*
TOT.LD.	40.0 PSF	SEON-	232096	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1TL2215_Z03	



Sep

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

Top chord 2x4 SP #2 N :T2, T3 2x4 SP #2 Dense:

Bot	chord	2x4	SP	//2	N
	Webs	2x4	SP	//2	N

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

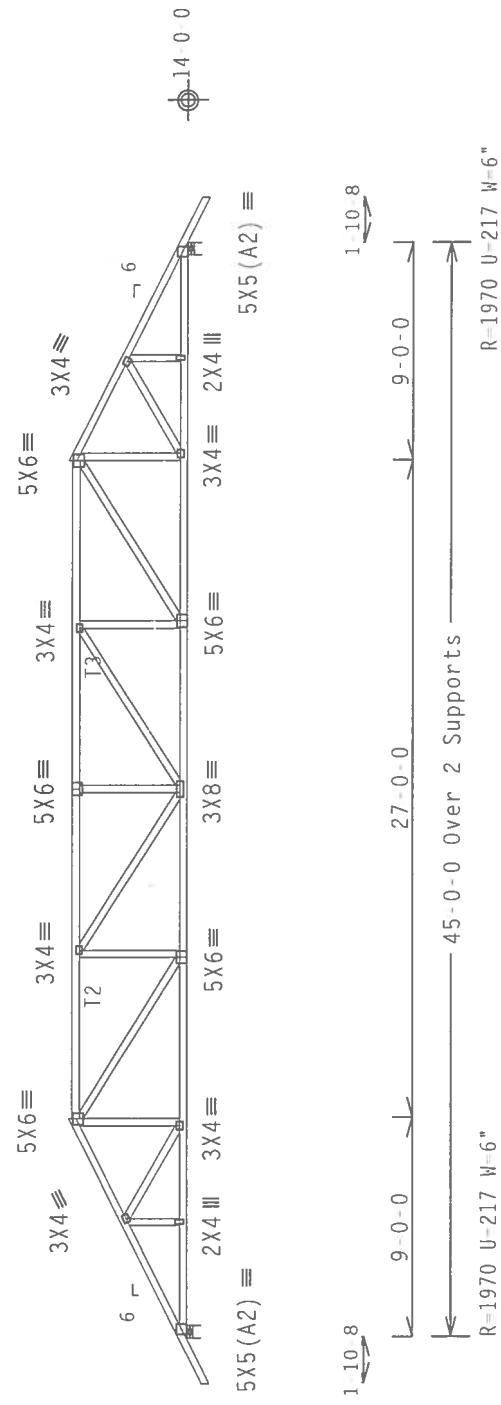
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

110 mph wind, 16.13 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC WL=5.0 psf, wind BC DL=5.0 psf, $I_w=1.00$ GCof(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

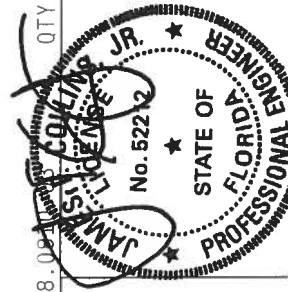
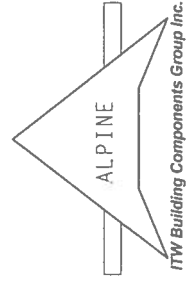
The overall height of this truss excluding overhang is 4' 10" 3.

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

PLT TYP. Wave

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

TC LL	20.0	PSF	REF	R215 --	93101
TC DL	10.0	PSF	DATE	09/19/08	
BC DL	10.0	PSF	DRW	HCUSR215	08263041
BC LL	0.0	PSF	HC-ENG	EC/AP	*
TOT.LD.	40.0	PSF	SEQN-	232088	
DUR.FAC.	1.25		FROM	CDM	

[illegible]

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				

110 mph wind, 15.63 ft mean hot, 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

Wind reactions based on MWFRS pressures.

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

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.

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun nails)

Top Chord: 1 Row @ 4.00" o.c.

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

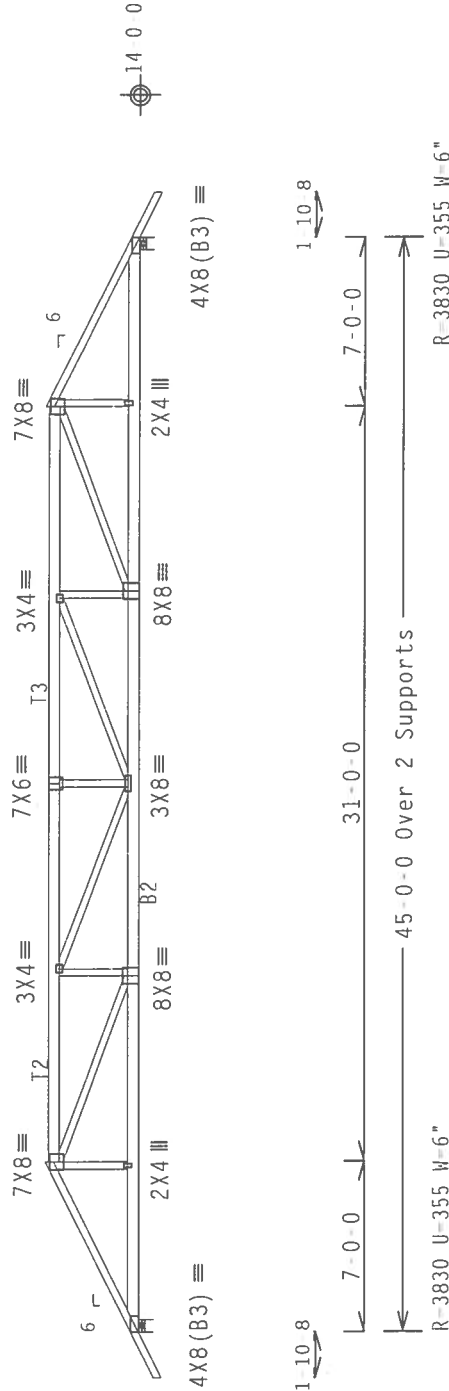
Webs : 1 Row @ 4" o.c.

Use equal spacing between rows and stagger nails in each row to avoid splitting.

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

Calculated vertical deflection is 0.53" due to live load and 0.57" due to dead load at X = 22.60.

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



Design Crit: TPI-2002(STD)/FBC

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

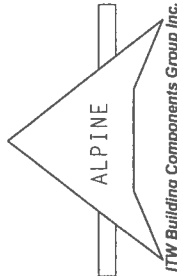
QTY:1

Scale = .125"/Ft.

TC LL	20.0	PSF	REF R215 - 93102
TC DL	10.0	PSF	DATE 09/19/08
BC DL	10.0	PSF	DRW HICUSR215 08263068
BC LL	0.0	PSF	HC - ENG EC/AP
TOT.L.D.	40.0	PSF	SEON - 232239
DUR.FAC.	1.25		FROM CDM

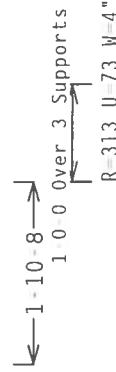
[illegible]

**** IMPORTANT **** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BFG, INC., SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE OR INJURY CAUSED BY THE FAILURE TO COMPLY WITH THESE REQUIREMENTS. THE USER OF THIS DRAWING SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AUTHORITIES.



PLT TYP. Wave

The overall height of this truss excluding overhang is 0-10-3.



ITW Building Components Group Inc.

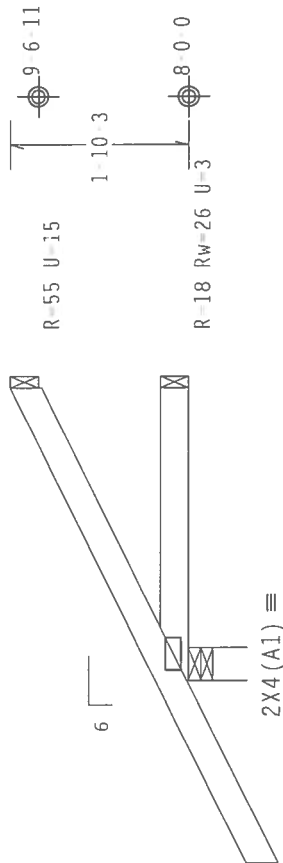
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

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

The overall height of this truss excluding overhang is 1-10-3.

110 mph wind, 15.00 ft mean ht., 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

Wind reactions based on MwFRS pressures.



← 1-10-8 →
3 0 0 Over 3 Supports
R-291 U 34 W 4"

Design Crit: TPI-2002(STD)/FBC

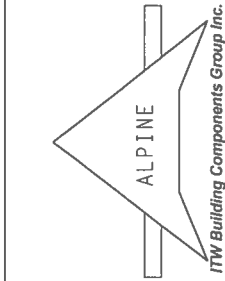
Cq/RT=1.00(1.25)/0(0)

7.38.08

QTY:12 FL/-/5/-/-/R/-

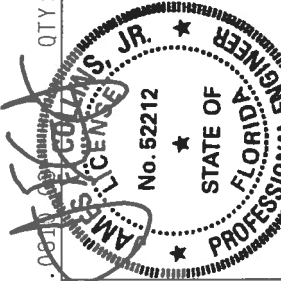
Scale = .5"/Ft.

PLT TYP. Wave



****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.

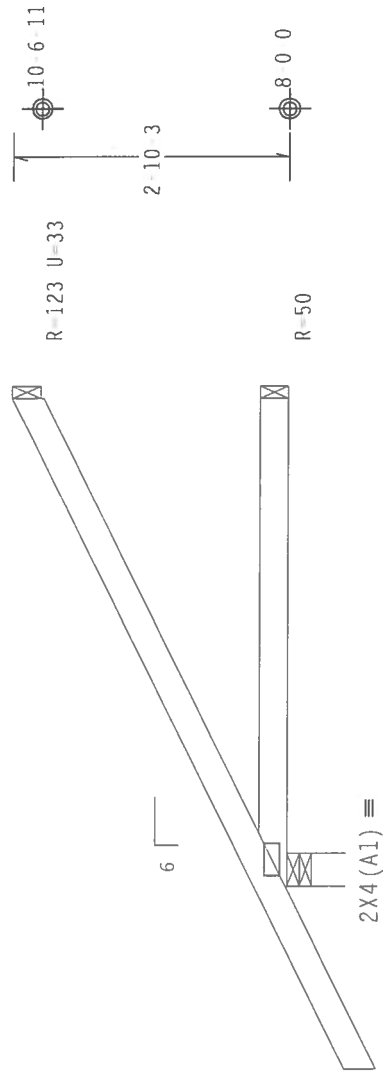
****IMPORTANT**** I URGE A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING OR BRACING OF TRUSSES. DESIGN CONDITIONS WITH APPLICABLE PROVISIONS OF THIS (NATIONAL DESIGN SPEC. BY AISC) AND (TPI 1TH BCS CONNECTION PLATES ARE MADE OF 20/10/10GA (4-11/16) ASH 6053 GRADE 40/40 (M. 3/16-55) GALV. STEEL. APPLY ALL OTHERS PER SPECIFICATIONS. ANY DEVIATION FROM THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE TRUSS CONTRACTOR. ANY INSPECTION OF PLATES FOLLOWED BY ITW SHALL BE PERFORMED BY ITW. ITW SHALL BE RESPONSIBLE FOR THE TRUSS CONTRACTOR'S DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS CONTRACTOR.



TC LL	20.0 PSF	REF	R215 -- 93104
TC DL	10.0 PSF	DATE	09/19/08
BC DL	10.0 PSF	DRW	HCSR215 08263031
BC LL	0.0 PSF	HC-ENG	EC/AP
TOT.LD.	40.0 PSF	SEQN	232067
DUR.FAC.	1.25	FROM	CDM

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Deflection meets L/240 live and L/180 total load.
The overall height of this truss excluding overhang is 2 10 3.

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. I_w 1.00 $G_{Cpi}(+/-)$ 0.18
Wind reactions based on MWFRS pressures.



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

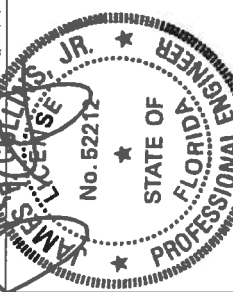
Scale = .5"/Ft.

QTY: 4

7.38

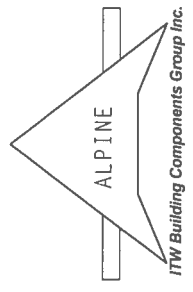
PLT TYP. Wave

TC LL	20.0 PSF	REF	R215 --	93106
TC DL	10.0 PSF	DATE	09/19/08	
BC DL	10.0 PSF	DRW	HCUSR215	08263032
BC LL	0.0 PSF	HC-ENG	EC/AP	
TOT.LD.	40.0 PSF	SEQN-	232080	
DUR.FAC.	1.25	FROM	CDM	



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6700 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 BGC, THE 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 (TRUSS BRACING). CONNECTOR PLATES ARE MADE OF 2017/106X (A1/SS/15) ASTM A505 GRADE 40/60 (4. 6/10.55) GALV. STEEL. APPLY TO ALL TRUSSES. ANY OTHER MATERIALS LOCATED ON THIS DESIGN, POSITION THE DRAWINGS TOOK. ANY INSPECTION OF MATERIALS AND BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE TRUSS COMPONENTS. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SEAL ON THIS DRAWING.



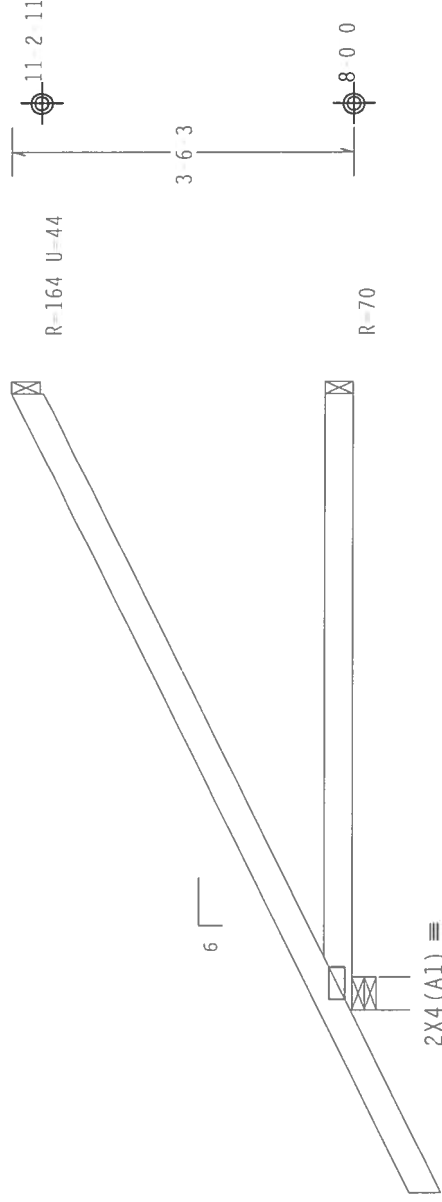
Top chord	2x4	SP	#2	N
Bot chord	2x4	SP	#2	N

110 mph wind, 15.00 ft mean hgt., ASCE 7 02, CLOSED bldg, 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

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 3.63.



108

6-4-0 Over 3 Supports

R-404 U-31 W-4"

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

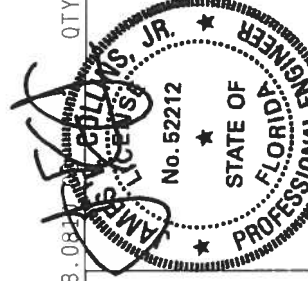
7 38 08

QTY. 3

F11-511-B1

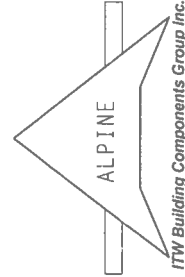
Scale = .5"/Ft.

TC LL	20.0 PSF	REF	R215-- 93107
TC DL	10.0 PSF	DATE	09/19/08
BC DL	10.0 PSF	DRW	HCUSR215 08263048
BC LL	0.0 PSF	HC-ENG	EC/AP
TOT.LD.	40.0 PSF	SEQN-	231970
DUR.FAC.	1.25	FROM	CDM



PLT TYP. Wave

****WARNING**** RUSS'S REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, UNLOADING AND BRACING. REFER TO RESOURCES FOR ADDITIONAL INFORMATION. PUBLISHED BY TPI (BRUSS PLAIN TRUSSTU), 218 WILSON AVE., HADDONSBURG, KY 40301. MS. S-7379 FOR SAFETY PRACTICES PRIOR TO PROTECTING THESE STRUCTURES. OTHERWISE, INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID SIDING.

[illegible]

ITW Building Components Group Inc.

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

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun nails)

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

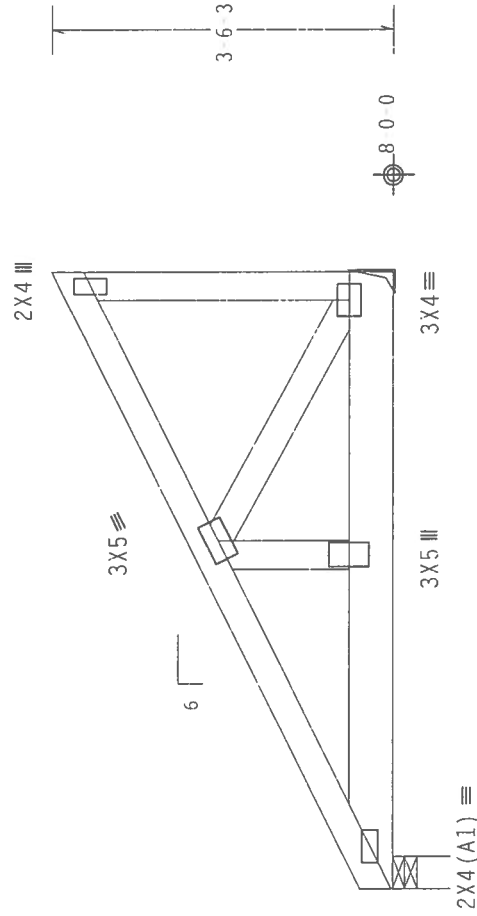
Top Chord: 1 Row @ 12.00" 0.0.
Bot Chord: 1 Row @ 3.25" 0.0.

BOL GRID: 1 ROW @ 3.23 0.
 Webs: 1 ROW @ 4" 0 C

Use equal spacing between rows and stagger nails in each row to avoid splitting.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not
located within 4.50 ft from roof edge, CAT I, EXP B, wind TC
DL=5.0 psf, wind BC DL 5.0 psf lw=1.00 GCpi(1/)-0.18

Right end vertical not exposed to wind pressure.



6-4-0 Over 2 Supports

R=2203 U=198 W=4"

R=1358 U=123

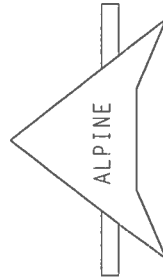
PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

QTY:1

Scale = .5"/ft.

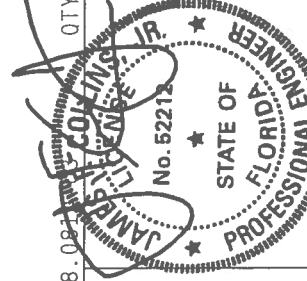
TC LL	20.0	PSF	REF	R215 -	93108
TC DL	10.0	PSF	DATE	09/19/08	
BC DL	10.0	PSF	DRW	HCUSR215	08263051
BC LL	0.0	PSF	HC-ENG	EC/AP	
TOT.LD.	40.0	PSF	SEQN-	232179	
DUR.FAC.	1.25		FROM	CDM	



ITW Building Components Group Inc.

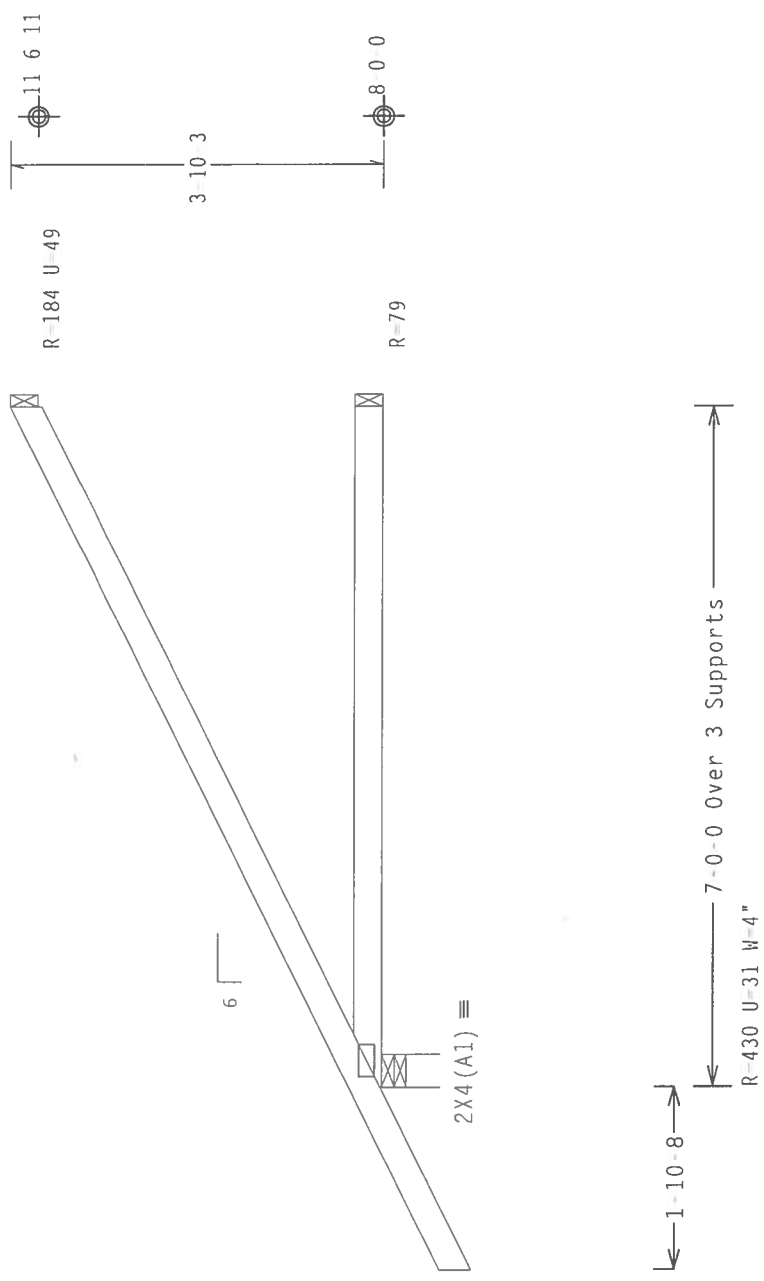
****WARNING**** FRONTS REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING REFER TO BEST AVAILABLE COMPANION SAFETY INFORMATION. PUBLISHED BY TPI (BRUSS PLATE TECHNOLOGY), 708 CHURCHLUST LANE, HOODSBOOM, WA 98046-3001, FAX: 509/735-1000 FOR SALES CONTACTS, PHONE CALL 509/735-1000. OTHER BRANDS INDICATED MAY HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID BEAMS.

**** 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 IT); OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BOLTING OF TRUSSES.

[illegible]

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Deflection meets L/240 live and L/180 total load.
The overall height of this truss excluding overhang is 3 10 3.

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.

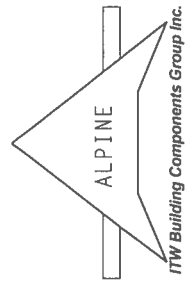
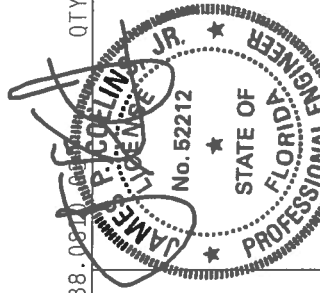


Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave	QTY: 22	FL / - / 5 / - / - / R / -	Scale = .5" / Ft.
	TC LL	20.0 PSF	REF R215 -- 93110
	TC DL	10.0 PSF	DATE 09/19/08
	BC DL	10.0 PSF	DRW HCUSR215 08263044
	BC LL	0.0 PSF	HC-ENG EC/AP
	TOT.LD.	40.0 PSF	SEQN 232073
	DUR.FAC.	1.25	FROM CDM

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI, CRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND WEA (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. THE BCG, 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 & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF IBCS (NATIONAL DESIGN SPEC. BY AISC) AND TPI. ITN BCG CONNECTION PLATES ARE APPROVED BY TPI (TPI-2002) AND AISC (AISC 308-01). STEEL: APPLY TYPICAL CONNECTIONS TO TRUSS. TRUSS 20710/100A (40/10/50) WITH AISC 308-01 (40/10/50) GALV. STEEL. APPLY TYPICAL CONNECTIONS TO TRUSS. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED BY TPI 2002 SEC. 3. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SIGNED FOR THE TRUSS COMPONENTS.



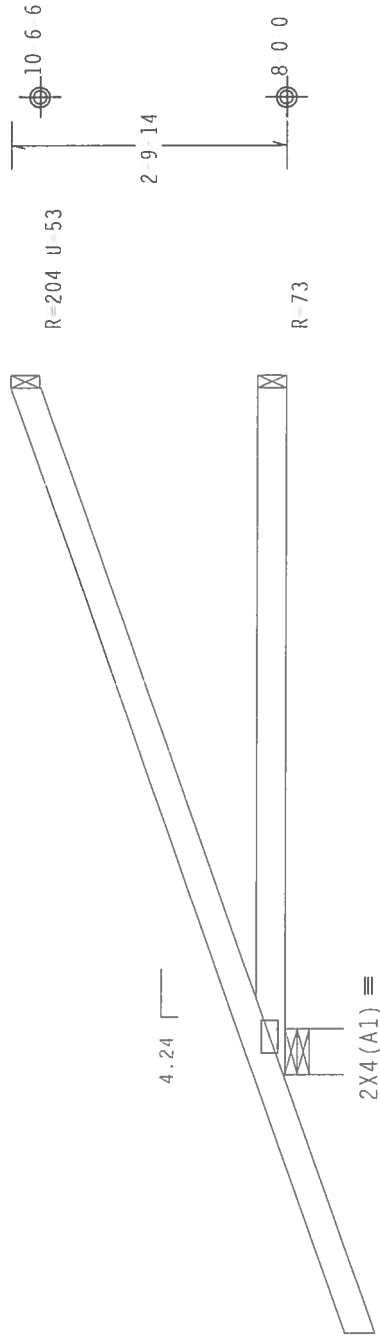
Top chord	2x4	SP	//2	N
Bot chord	2x4	SP	//2	N

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. Iw=1.00 GCpi(1/) 0.18

Hipjack supports 5 0 0 setback jacks with no webs.

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 29'14".


$$\overleftrightarrow{2-7-13}$$

7-0-14 Over 3 Supports

R-369 U=54 W=5.657"

Design Crit: TPI-2002(STD)/FBC

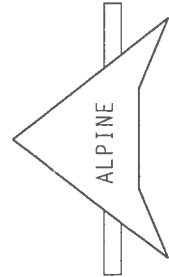
 $Cq/RT=1.00(1.25)/0(0)$

QTY: 2

Scale = .5"/Ft.

PLT TYP. Wave

WARNING INPENSES RELATIVE EXTERIOR CARL IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO COST BUILDING COMPLETION, SAFETY INFORMATION, AND PROTECTIVE MEASURES. STATE OF TEXAS, 2100 NORTH STEEL, SUITE 312, ALEXANDRIA, VA 22304-0000, AND VICA GROUP TRUSTS, COMMERCE BANK OF TEXAS, 1000 FULBRIGHT LANE, SUITE 500, 5717919, OR SELLER PRACTICES PRIOR TO PURCHASING THE STRUCTURAL PANELS. THE FOLLOWING INFORMATION INDICATED TOP CORNER SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CORNER SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

[illegible]

ITW Building Components Group Inc.

TC LL	20.0	PSF	REF	R215--	93111
TC DL	10.0	PSF	DATE	09/19/08	
BC DL	10.0	PSF	DRW	HCUSR215	08263030
BC LL	0.0	PSF	HC-ENG	CR/DLJ	
TOT.LD.	40.0	PSF	SEQN-	209867	
DUR. FAC.	125		FROM	CDM	

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. $I_w=1.00$ $G_{pi}(+/-)$ 0.18

Wind reactions based on MWFRS pressures.

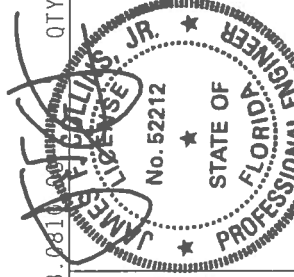
The overall height of this truss excluding overhang is 3 9 14.



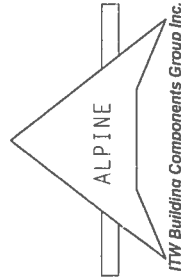
~~.0816~~

Scale = .5"/Ft.

TC LL	20.0 PSF	REF R215-- 93114
TC DL	10.0 PSF	DATE 09/19/08
BC DL	10.0 PSF	DRW HCUJR215 08263040
BC LL	0.0 PSF	HC-ENG EC/AP
TOT.LD.	40.0 PSF	SEQN- 232175
DUR.FAC.	1.25	FROM CDM



*****WARNING***** DRINCS REQUIRE CORDING CAGE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. DRINCS MUST BE USED IN CONJUNCTION WITH THE CORDING CAGE. DRINCS ARE AVAILABLE IN 12, 16, 20, 24, 30, 36, 42, 48, 54, 60, 66, 72, 78, 84, 90, 96, 102, 108, 114, 120, 126, 132, 138, 144, 150, 156, 162, 168, 174, 180, 186, 192, 198, 204, 210, 216, 222, 228, 234, 240, 246, 252, 258, 264, 270, 276, 282, 288, 294, 300, 306, 312, 318, 324, 330, 336, 342, 348, 354, 360, 366, 372, 378, 384, 390, 396, 402, 408, 414, 420, 426, 432, 438, 444, 450, 456, 462, 468, 474, 480, 486, 492, 498, 504, 510, 516, 522, 528, 534, 540, 546, 552, 558, 564, 570, 576, 582, 588, 594, 600, 606, 612, 618, 624, 630, 636, 642, 648, 654, 660, 666, 672, 678, 684, 690, 696, 702, 708, 714, 720, 726, 732, 738, 744, 750, 756, 762, 768, 774, 780, 786, 792, 798, 804, 810, 816, 822, 828, 834, 840, 846, 852, 858, 864, 870, 876, 882, 888, 894, 900, 906, 912, 918, 924, 930, 936, 942, 948, 954, 960, 966, 972, 978, 984, 990, 996, 1002, 1008, 1014, 1020, 1026, 1032, 1038, 1044, 1050, 1056, 1062, 1068, 1074, 1080, 1086, 1092, 1098, 1104, 1110, 1116, 1122, 1128, 1134, 1140, 1146, 1152, 1158, 1164, 1170, 1176, 1182, 1188, 1194, 1200, 1206, 1212, 1218, 1224, 1230, 1236, 1242, 1248, 1254, 1260, 1266, 1272, 1278, 1284, 1290, 1296, 1302, 1308, 1314, 1320, 1326, 1332, 1338, 1344, 1350, 1356, 1362, 1368, 1374, 1380, 1386, 1392, 1398, 1404, 1410, 1416, 1422, 1428, 1434, 1440, 1446, 1452, 1458, 1464, 1470, 1476, 1482, 1488, 1494, 1500, 1506, 1512, 1518, 1524, 1530, 1536, 1542, 1548, 1554, 1560, 1566, 1572, 1578, 1584, 1590, 1596, 1602, 1608, 1614, 1620, 1626, 1632, 1638, 1644, 1650, 1656, 1662, 1668, 1674, 1680, 1686, 1692, 1698, 1704, 1710, 1716, 1722, 1728, 1734, 1740, 1746, 1752, 1758, 1764, 1770, 1776, 1782, 1788, 1794, 1800, 1806, 1812, 1818, 1824, 1830, 1836, 1842, 1848, 1854, 1860, 1866, 1872, 1878, 1884, 1890, 1896, 1902, 1908, 1914, 1920, 1926, 1932, 1938, 1944, 1950, 1956, 1962, 1968, 1974, 1980, 1986, 1992, 1998, 2004, 2010, 2016, 2022, 2028, 2034, 2040, 2046, 2052, 2058, 2064, 2070, 2076, 2082, 2088, 2094, 2100, 2106, 2112, 2118, 2124, 2130, 2136, 2142, 2148, 2154, 2160, 2166, 2172, 2178, 2184, 2190, 2196, 2202, 2208, 2214, 2220, 2226, 2232, 2238, 2244, 2250, 2256, 2262, 2268, 2274, 2280, 2286, 2292, 2298, 2304, 2310, 2316, 2322, 2328, 2334, 2340, 2346, 2352, 2358, 2364, 2370, 2376, 2382, 2388, 2394, 2400, 2406, 2412, 2418, 2424, 2430, 2436, 2442, 2448, 2454, 2460, 2466, 2472, 2478, 2484, 2490, 2496, 2502, 2508, 2514, 2520, 2526, 2532, 2538, 2544, 2550, 2556, 2562, 2568, 2574, 2580, 2586, 2592, 2598, 2604, 2610, 2616, 2622, 2628, 2634, 2640, 2646, 2652, 2658, 2664, 2670, 2676, 2682, 2688, 2694, 2700, 2706, 2712, 2718, 2724, 2730, 2736, 2742, 2748, 2754, 2760, 2766, 2772, 2778, 2784, 2790, 2796, 2802, 2808, 2814, 2820, 2826, 2832, 2838, 2844, 2850, 2856, 2862, 2868, 2874, 2880, 2886, 2892, 2898, 2904, 2910, 2916, 2922, 2928, 2934, 2940, 2946, 2952, 2958, 2964, 2970, 2976, 2982, 2988, 2994, 3000, 3006, 3012, 3018, 3024, 3030, 3036, 3042, 3048, 3054, 3060, 3066, 3072, 3078, 3084, 3090, 3096, 3102, 3108, 3114, 3120, 3126, 3132, 3138, 3144, 3150, 3156, 3162, 3168, 3174, 3180, 3186, 3192, 3198, 3204, 3210, 3216, 3222, 3228, 3234, 3240, 3246, 3252, 3258, 3264, 3270, 3276, 3282, 3288, 3294, 3300, 3306, 3312, 3318, 3324, 3330, 3336, 3342, 3348, 3354, 3360, 3366, 3372, 3378, 3384, 3390, 3396, 3402, 3408, 3414, 3420, 3426, 3432, 3438, 3444, 3450, 3456, 3462, 3468, 3474, 3480, 3486, 3492, 3498, 3504, 3510, 3516, 3522, 3528, 3534, 3540, 3546, 3552, 3558, 3564, 3570, 3576, 3582, 3588, 3594, 3600, 3606, 3612, 3618, 3624, 3630, 3636, 3642, 3648, 3654, 3660, 3666, 3672, 3678, 3684, 3690, 3696, 3702, 3708, 3714, 3720, 3726, 3732, 3738, 3744, 3750, 3756, 3762, 3768, 3774, 3780, 3786, 3792, 3798, 3804, 3810, 3816, 3822, 3828, 3834, 3840, 3846, 3852, 3858, 3864, 3870, 3876, 3882, 3888, 3894, 3900, 3906, 3912, 3918, 3924, 3930, 3936, 3942, 3948, 3954, 3960, 3966, 3972, 3978, 3984, 3990, 3996, 4002, 4008, 4014, 4020, 4026, 4032, 4038, 4044, 4050, 4056, 4062, 4068, 4074, 4080, 4086, 4092, 4098, 4104, 4110, 4116, 4122, 4128, 4134, 4140, 4146, 4152, 4158, 4164, 4170, 4176, 4182, 4188, 4194, 4200, 4206, 4212, 4218,

[illegible]

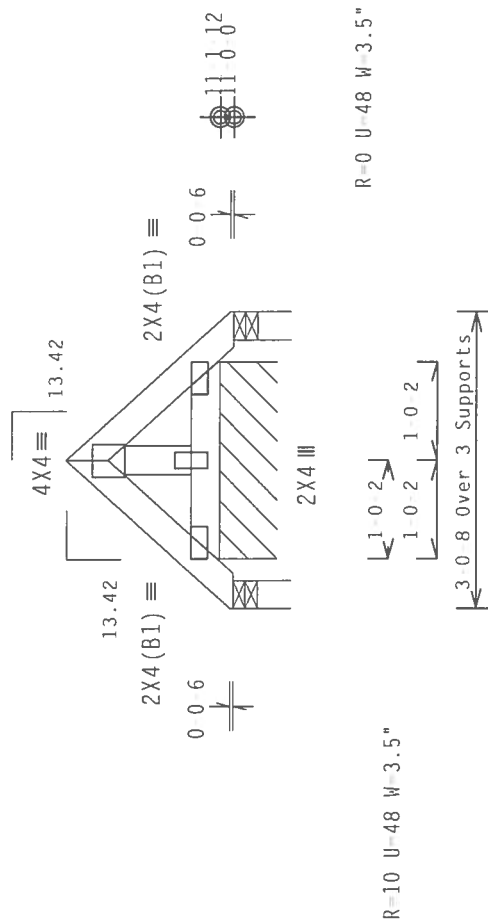
ITW Building Components Group Inc.

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

111110 mph wind, 15.00 ft mean hgt, ASCE 7 02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL 5.0 psf, wind BC DL 5.0 psf. lw 1.00 GCpi(1/)-0.18

REFER TO PIGBACKA0207 OR PIGBACKB0207 FOR PIGBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED
@ 24" O.C, UNLESS OTHERWISE SPECIFIED.

The overall height of this truss excluding overhang is 12 8 13. Deflection meets L/240 live and L/180 total load.



PLT TYP. Wave

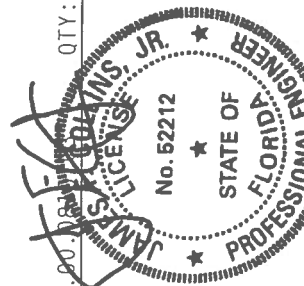
Design Crit: TPI-2002(STD)/FBC

FI-2002(SID)/FBC
Cq/RT=1.00(1.25)/0(0)

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

Scale = .5"/Ft.

TC LL	20.0 PSF	REF R215 - 93115
TC DL	10.0 PSF	DATE 09/19/08
BC DL	10.0 PSF	DRW HCUR215 08263025
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	40.0 PSF	SEQN - 242755
DUR.FAC.	1.25	FROM CDM



ALPINE

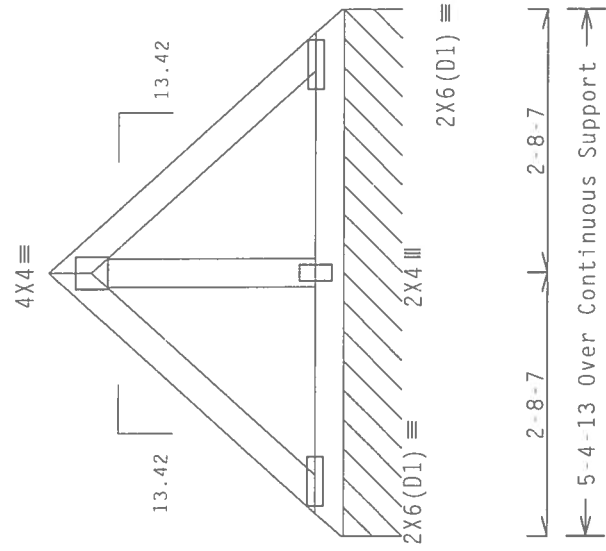
ITW Building Components Group Inc.

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

REFER TO PIGBACKA0207 OR PIGBACKB0207 FOR PIGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED
@ 24" O.C., UNLESS OTHERWISE SPECIFIED.

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

The overall height of this truss excluding overhang is 30'8".
Deflection meets L/240 live and L/180 total load.



0-0-5

0-0-5

30'8"

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

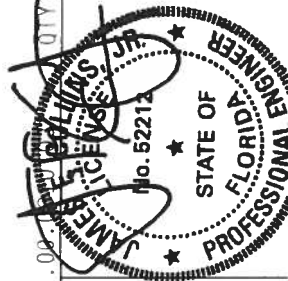
7.38.00

QTY:1

Scale =.5"/Ft.

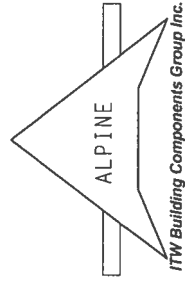
PLT TYP. Wave

TC LL	20.0 PSF	REF	R215--	93118
TC DL	10.0 PSF	DATE	09/19/08	
BC DL	10.0 PSF	DRW	HCUSR215	08263028
BC LL	0.0 PSF	HC-ENG	WHK/WHK	
TOT.LD.	40.0 PSF	SEQN-	242743	
DUR.FAC.	1.25	FROM	CDM	



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLATION AND BRACING. REFER TO BCSE (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 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. 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, INSTALLATION & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND IPI (TIM BCG). CONDUCTOR PLATES ARE MADE OF 2010/10GA (40/55/71) A575 A553 GRADE 40/50 (40, 42/45-55) GALV. STEEL. APPLY WELDED CONNECTIONS TO THE TRUSS. THE TRUSS SHALL BE DELIVERED AND TO BE INSTALLED IN ACCORDANCE WITH ANY INSPECTION OF PLATES FOLLOWED BY THE TRUSS. THE TRUSS SHALL BE DELIVERED AND TO BE INSTALLED IN ACCORDANCE WITH ANY INSPECTION OF PLATES FOLLOWED BY THE TRUSS. THE TRUSS SHALL BE DELIVERED AND TO BE INSTALLED IN ACCORDANCE WITH ANY INSPECTION OF PLATES FOLLOWED BY THE TRUSS.



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	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.



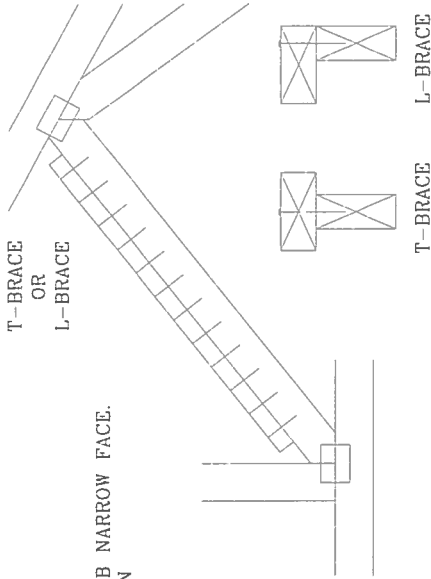
ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY ITW BUILDING COMPONENTS GROUP, INC. (P.O. BOX 1000, POMPANO BEACH, FL 33069) FOR ADDITIONAL INFORMATION. ITW BUILDING COMPONENTS GROUP, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE ITW BUILDING COMPONENTS GROUP, INC. DESIGN SHALL BE THE RESPONSIBILITY OF THE BUILDING DESIGNER. PEP USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. PEP

****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 TRUSS IN CONFORMANCE WITH THE ITW BUILDING COMPONENTS GROUP, INC. DESIGN SHALL BE THE RESPONSIBILITY OF THE BUILDING DESIGNER. PEP

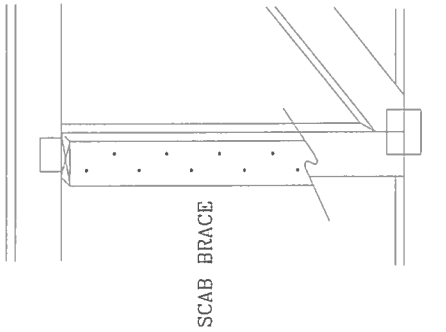
T-BRACING
OR
L-BRACING:

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



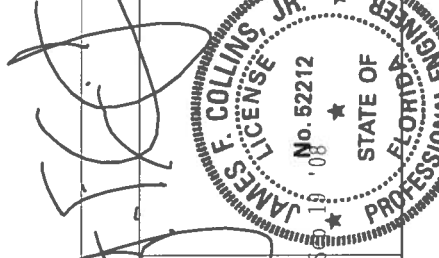
SCAB BRACING:

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

TC LL	PSF	REF	CLB SUBST.
TC DL	PSF	DATE	2/23/07
BC DL	PSF	DRWG	BRLBSUB0207
BC LL	PSF	ENG	MLH/KAR
TOT. LD.	PSF		
DUR. FAC.			
SPACING			



New Construction Subterranean Termite Soil Treatment Record

OMB Approval No. 2522-0525

This form is completed by the licensed Pest Control Company.

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This information is mandatory and is required to obtain benefits. HUD may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.

Section 24 CFR 200.926d(b)(3) requires that the sites for HUD insured structures must be free of termite hazards. This information collection requires the builder to certify that an authorized Pest Control company performed all required treatment for termites, and that the builder guarantees the treated area against infestation for one year. Builders, pest control companies, mortgage lenders, homebuyers, and HUD as a record of treatment for specific homes will use the information collected. The information is not considered confidential.

This report is submitted for informational purposes to the builder on proposed (new) construction cases when soil treatment for prevention of subterranean termite infestation is specified by the builder, architect, or required by the lender, architect, FHA, or VA.

All contracts for services are between the Pest Control Operator and builder, unless stated otherwise.

#26570

Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.
Company Address: P.O. Box 1795 City: Lake City State: FL Zip: 32058
Company Business License No. JB109476 Company Phone No. 386-755-3611 • 352-494-5751
FHA/VA Case No. (if any) _____

Section 2: Builder Information

Company Name: Edgley Construction Company Phone No. 752-0580

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) William Lagoni
Country Landings Lot #8 267 SW Challenger Ln.
Lake City, FL 32025
Type of Construction (More than one box may be checked) ☒ Slab ☐ Basement ☐ Crawl ☐ Other _____
Approximate Depth of Footing: Outside 1' Inside 2' Type of Fill _____

Section 4: Treatment Information

Date(s) of Treatment(s) 10/1/08
Brand Name of Product(s) Used Bifen XTS
EPA Registration No. 53883-189
Approximate Final Mix Solution % .06%
Approximate Size of Treatment Area: Sq. ft. 3055 Linear ft. 320 Linear ft. of Masonry Voids 320
Approximate Total Gallons of Solution Applied 700 gals.
Was treatment completed on exterior? ☐ Yes ☒ No
Service Agreement Available? ☒ Yes ☐ No

Note: Some state laws require service agreements to be issued. This form does not preempt state law.

Attachments (List) _____

Comments Treated main Body + Garage - Front Porch + Hangar to be
done @ later time

Name of Applicator(s) S. Gregory Certification No. (if required by State law) JF104376

The applicator has used a product in accordance with the product label and state requirements. All treatment materials and methods used comply with state and federal regulations.

Authorized Signature Shannon Gregory Date 10/1/08

Warning: HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010, 1012; 31 U.S.C. 3729, 3802)

Form **NPCA-99-B** may still be used

form **HUD-NPCA-99-B** (04/2003)

COLUMBIA COUNTY OFFICE OF OCCUPANCY

OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

This Certificate of Occupancy is issued to the below named permit holder for the building and premises at the below named location, and certifies that the work has been completed in accordance with the Columbia County Building Code.

Parcel Number 07-4S-17-08106-108

Building permit No. 000026570

Use Classification SFD/UTILITY

Fire: 32.10

Permit Holder DOUGLAS E. EDGLEY

Waste: 83.75

Owner of Building BILL & SUSAN LAGONI

Total: 115.85

Location: 267 SW CHALLENGER LANE, LAKE CITY, FL

Date: 05/13/2009

Nancy Bicker

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

