

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:1THV215-Z0227105257

*new
 Permit #
 20570

Truss Fabricator: W.B. Howland
 Job Identification: 5119-/LAGONI /EDGELY CONSTRUCTION -- LAKE CITY, FL
 Truss Count: 60
 Model Code: Florida Building Code 2004 and 2006 Supplement
 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
 Address: the seal date per section 61G15-31.003(5a) of the FAC
 Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
 Floor - N/A
 Wind - 110 MPH ASCE 7-02 -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: 05/27/2008

-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	69268--A1		08148049	05/27/08
2	69269--A2		08148050	05/27/08
3	69270--A3		08148081	05/27/08
4	69271--A4		08148082	05/27/08
5	69272--A5		08148051	05/27/08
6	69273--A6		08148052	05/27/08
7	69274--A7		08148083	05/27/08
8	69275--A8		08148103	05/27/08
9	69276--A9		08148053	05/27/08
10	69277--A10		08148054	05/27/08
11	69278--A11		08148105	05/27/08
12	69279--A12		08148055	05/27/08
13	69280--A13		08148056	05/27/08
14	69281--A14		08148057	05/27/08
15	69282--A15		08148058	05/27/08
16	69283--A16		08148059	05/27/08
17	69284--A17		08148084	05/27/08
18	69285--A18		08148060	05/27/08
19	69286--A19		08148061	05/27/08
20	69287--A20		08148085	05/27/08
21	69288--A21		08148086	05/27/08
22	69289--A22		08148087	05/27/08
23	69290--A23		08148088	05/27/08
24	69291--A24		08148089	05/27/08
25	69292--A25		08148090	05/27/08
26	69293--A26		08148062	05/27/08
27	69294--A27		08148063	05/27/08
28	69295--A28		08148064	05/27/08
29	69296--A29		08148091	05/27/08
30	69297--A30		08148092	05/27/08
31	69298--A31		08148106	05/27/08
32	69299--A32		08148093	05/27/08
33	69300--A33		08148094	05/27/08
34	69301--A34		08148065	05/27/08
35	69302--A35		08148066	05/27/08
36	69303--A36		08148067	05/27/08

#	Ref	Description	Drawing#	Date
37	69304--A37		08148068	05/27/08
38	69305--A38		08148069	05/27/08
39	69306--A39		08148070	05/27/08
40	69307--A40		08148071	05/27/08
41	69308--A41		08148072	05/27/08
42	69309--A42		08148073	05/27/08
43	69310--A43		08148074	05/27/08
44	69311--A44		08148075	05/27/08
45	69312--A45		08148076	05/27/08
46	69313--A46		08148077	05/27/08
47	69314--A47		08148078	05/27/08
48	69315--A48		08148095	05/27/08
49	69316--JC1		08148096	05/27/08
50	69317--JC3		08148079	05/27/08
51	69318--JC5		08148097	05/27/08
52	69319--JE3		08148080	05/27/08
53	69320--JE5		08148098	05/27/08
54	69321--JE6		08148099	05/27/08
55	69322--JE6A		08148104	05/27/08
56	69323--JE7		08148100	05/27/08
57	69324--JH4		08148036	05/27/08
58	69325--JH7		08148035	05/27/08
59	69326--JH9		08148101	05/27/08
60	69327--JH10		08148102	05/27/08



ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Page 1 of 1 Document ID: ITHV215-Z0227105257

Truss Fabricator: W.B. Howland
Job Identification: 5119-/LAGONI /EDGELY CONSTRUCTION -- LAKE CITY, FL
Truss Count: 1
Model Code: Florida Building Code 2004 and 2006 Supplement
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

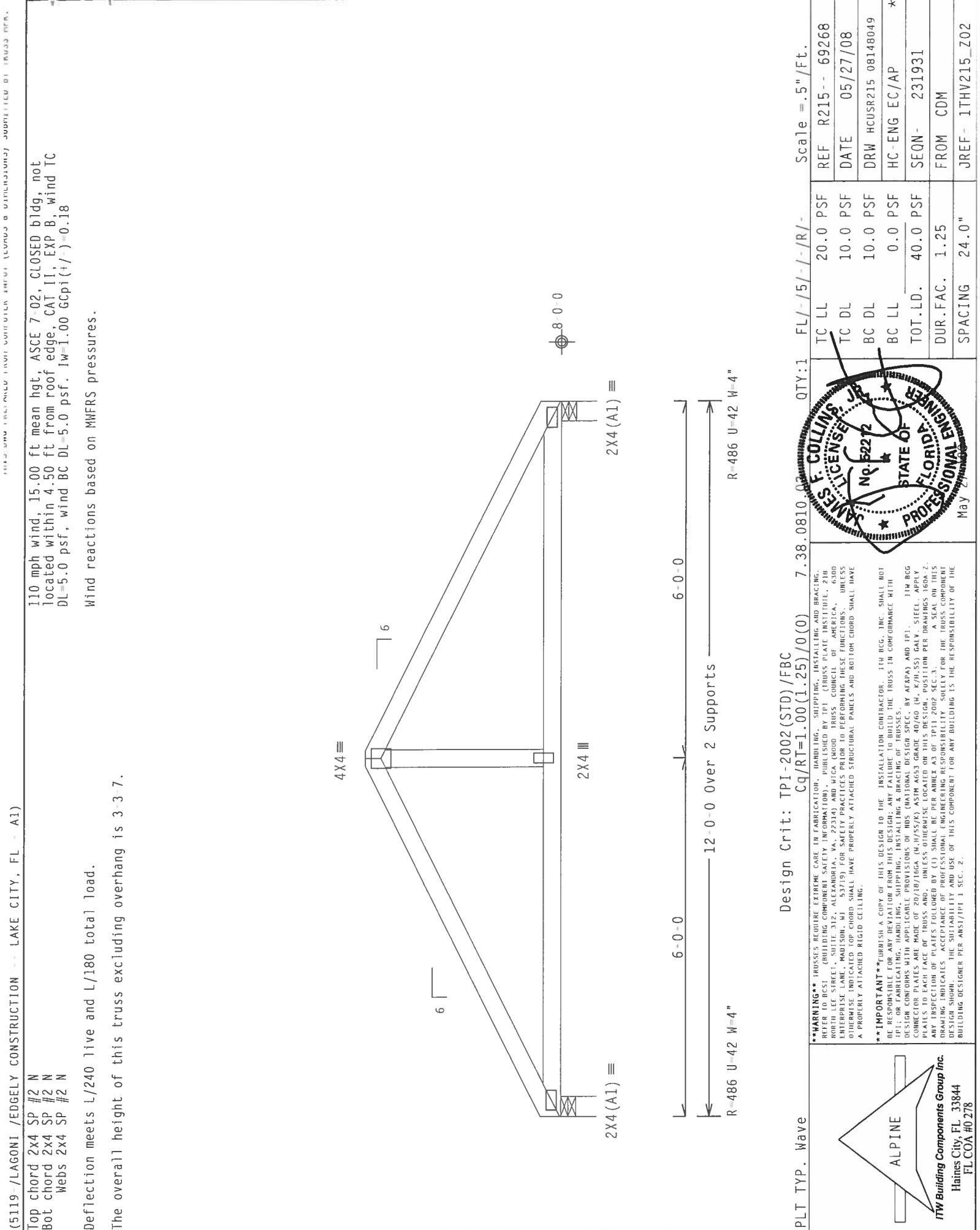
Seal Date: 05/27/2008

-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	69291--A24		08148089	05/27/08





(5119-LAGONI /EDGELY CONSTRUCTION -- LAKE CITY, FL - A1)

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 3-3 7/8.

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 MMFRS pressures.

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

PLT TYP. Wave

Scale = .5" / Ft.

QTY: 1

REF R215 - 69268

DATE 05/27/08

DRW HCUSR215 08148049

HC-ENG EC/AP

SEQN - 231931

FROM CDM

JREF - 1THV215_Z02

SPACING 24.0"

DUR.FAC. 1.25

TOT.LD. 40.0 PSF

BC LL 0.0 PSF

BC DL 10.0 PSF

TC DL 10.0 PSF

TC LL 20.0 PSF

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

James F. Collins, Professional Engineer, State of Florida, License No. 59272, May 21, 2008

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

ALPINE

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

ALPINE

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

ALPINE

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

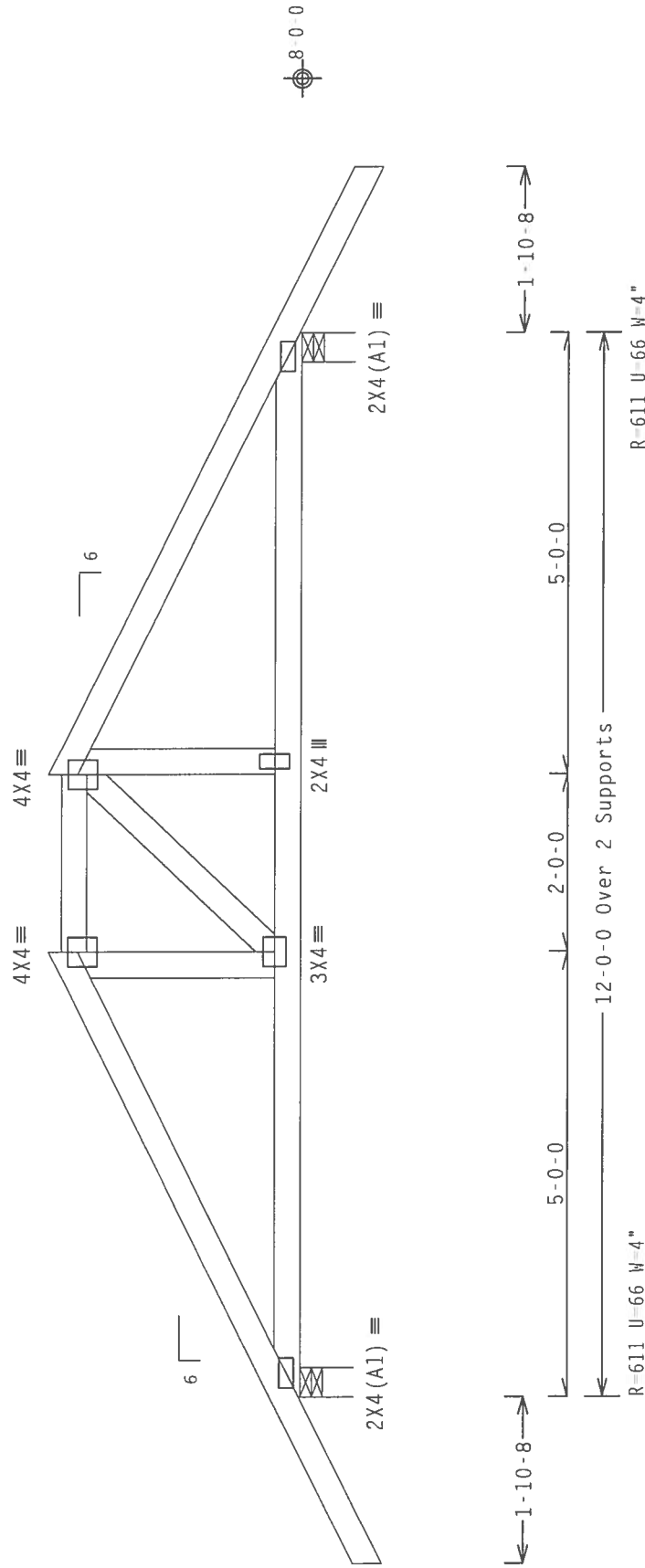
Top chord	2x4	SP	#2	N
Bot chord	2x4	SP	#2	N
webs	2x4	SP	#2	N

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 TC DL-5.0 psf, wind BC DL-5.0 psf Iw-1.00 GCpi(+/-) 0.18

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

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

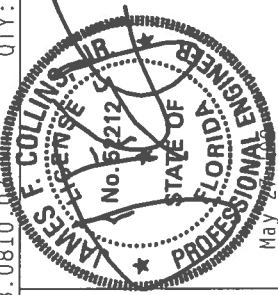
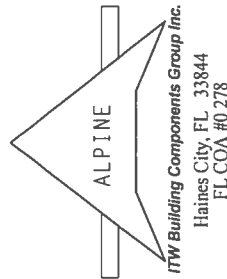
The overall height of this truss excluding overhang is 2-10-3.

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

PLT TYP. Wave

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

TC LL	20.0 PSF	REF	R215 - 69269
TC DL	10.0 PSF	DATE	05/27/08
BC DL	10.0 PSF	DRW	HCUSR215 08148050
BC LL	0.0 PSF	HC-ENG	EC/AP *
TOT.LD.	40.0 PSF	SEQN-	231934
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1THV215_Z02

[illegible][illegible]

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.

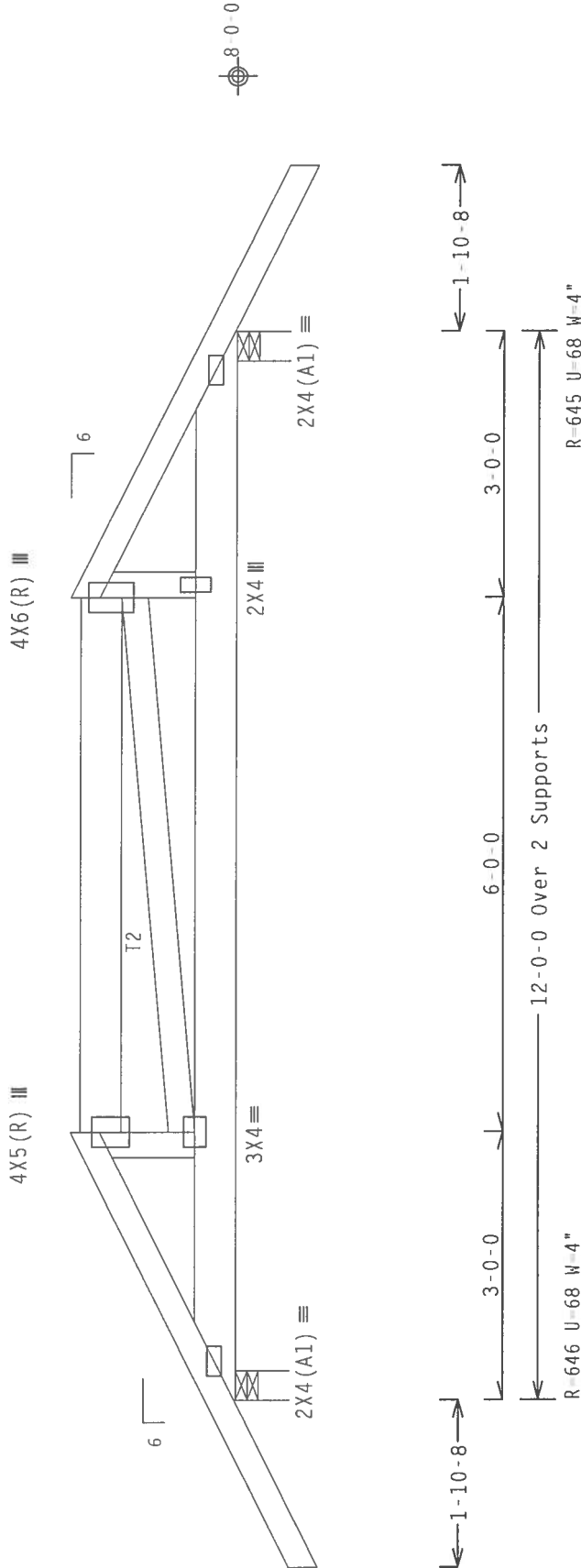
Deflection meets L/240 live and L/180 total load.

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 3 0-0 jacks with no webs.

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

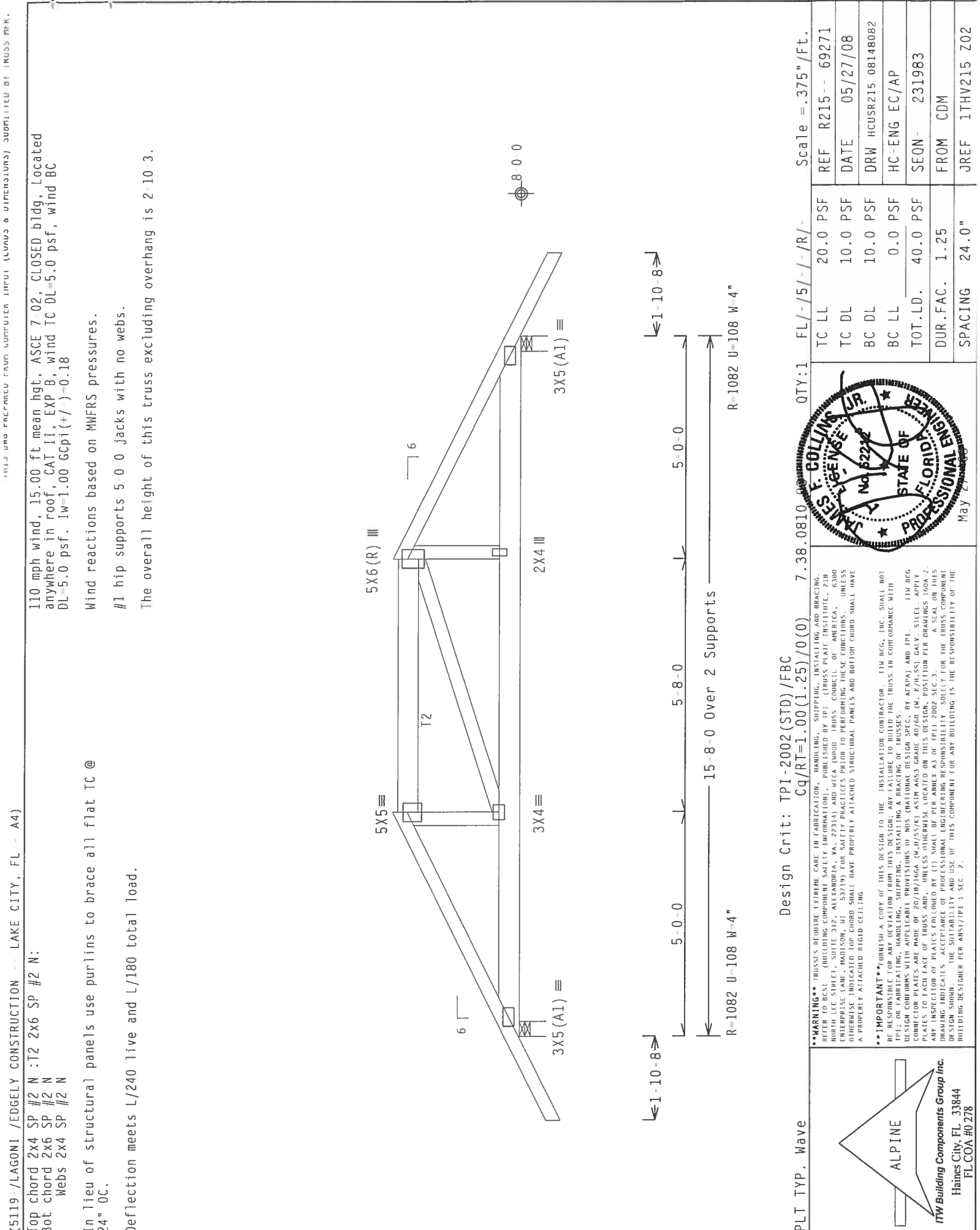


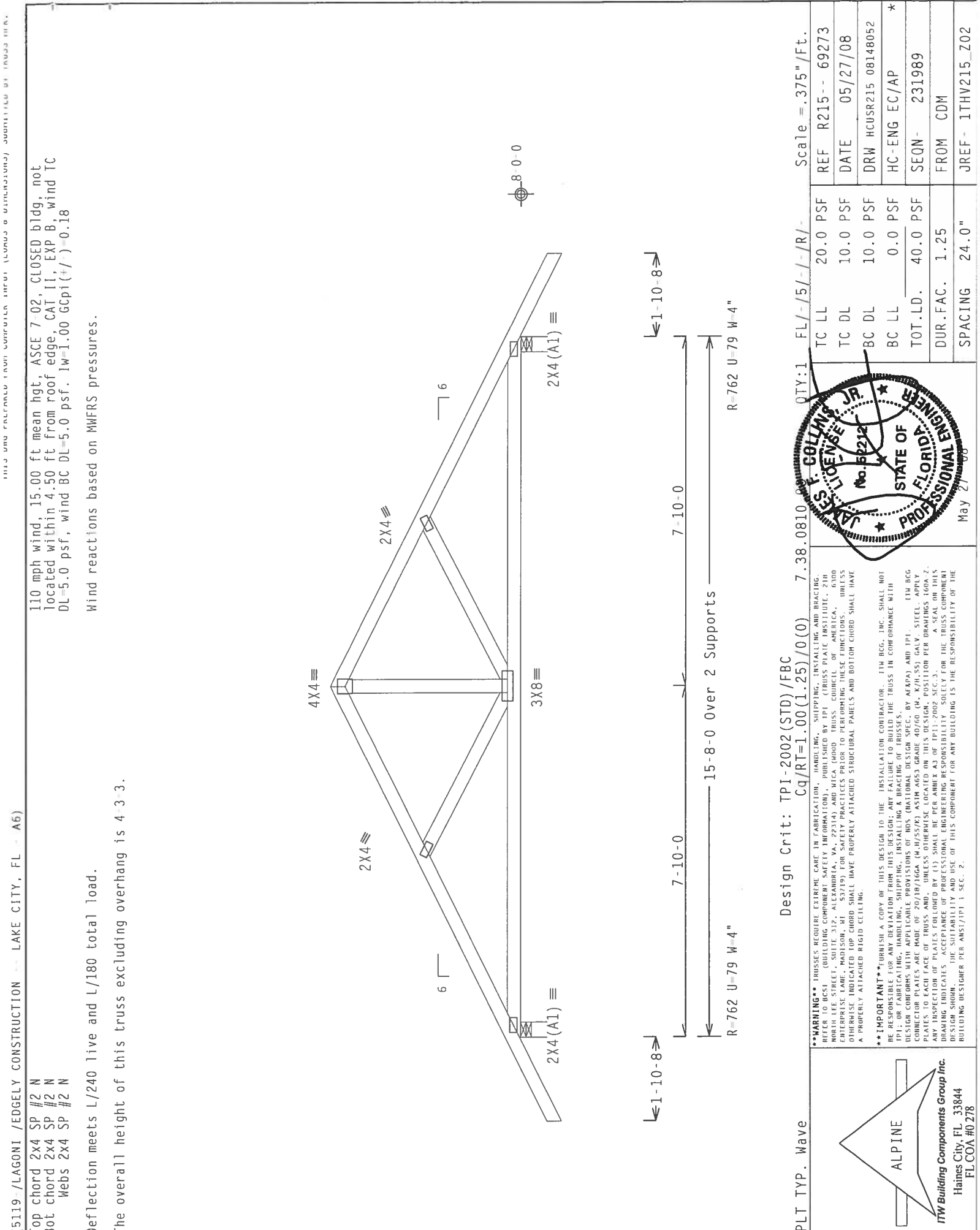
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0)

ALPINE ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0278	Cq/RT=1.00(1.25)/0(0)		7.38.0810	QTY:1	FL/-/5/-/-R/-	Scale = .5"/Ft.
	WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, INSTALLING AND BRACING. REFER TO BCSEI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY ITPI (TRUSS PLATE INSTITUTE), 214 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI, 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.					
	IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH ITPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.					
	DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AF&PA) AND ITPI. ITW BCG CONNECTION CHORDS ARE MADE OF 20/18/16GA (W/J/55/K) ASH A653 GRADE 40/60 (W, K/JH/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 AS OF ITPI 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES THE SUFFICIENCY OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/ITPI 1 SEC. 2.					
	May 21, 08					
						
	TC LL		20.0 PSF	REF		R215-- 69270
TC DL		10.0 PSF	DATE		05/27/08	
BC DL		10.0 PSF	DRW		HCUSR215 08148081	
BC LL		0.0 PSF	HC-ENG		EC/AP	
TOT.LD.		40.0 PSF	SEQN-		231937	
DUR.FAC.		1.25	FROM		CDM	
SPACING		24.0"	JREF-		1THV215 Z02	

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DETAIL (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 218 W. 10TH AVE., SUITE 100, MADISON, WI 53703, 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 A BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AEP/A) AND TPI. 1TH BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (4-J/55/A) ASTM A653 GRADE 40/60 (M. K/H-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGNER. THE SEAL SHALL BE PLACED IN THE MIDDLE OF THE TRUSS. A SEAL ON THIS BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.





(5119 / LAGONI / EDGELY CONSTRUCTION -- LAKE CITY, FL - A6)

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

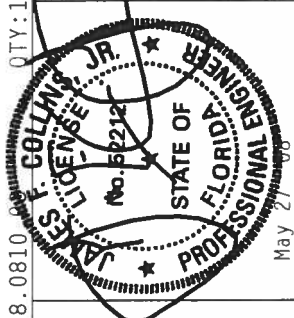
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

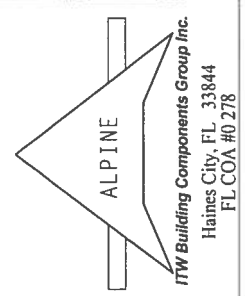
The overall height of this truss excluding overhang is 4'3\"/>

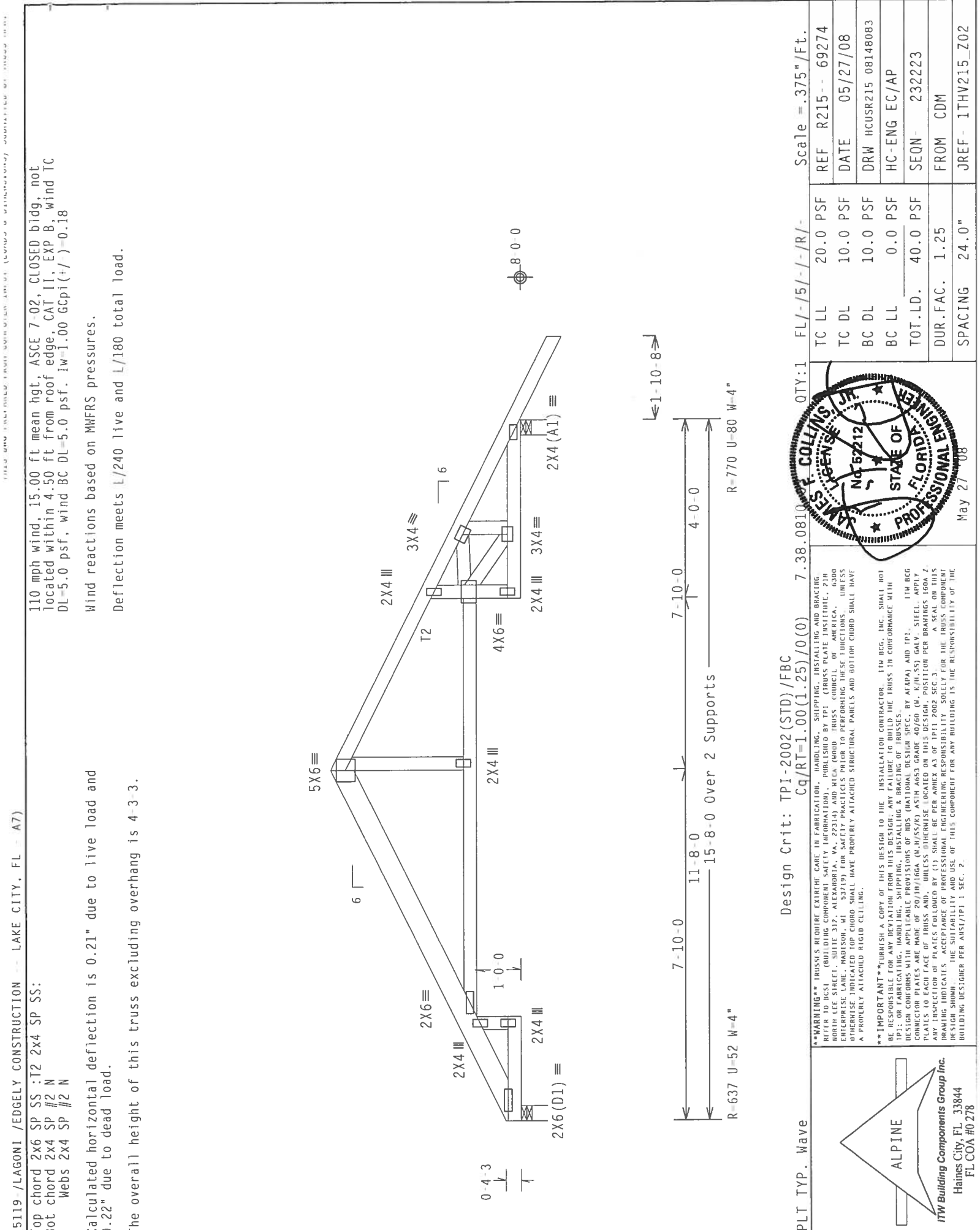
PLT TYP. Wave	Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0)	7.38.0810	QTY:1	FL/-/5/-/-/R/-	Scale = .375"/Ft.
			TC LL	20.0 PSF	REF R215 -- 69273
			TC DL	10.0 PSF	DATE 05/27/08
			BC DL	10.0 PSF	DRW HCUSR215 08148052
			BC LL	0.0 PSF	HC-ENG EC/AP
			TOT.LD.	40.0 PSF	SEQN- 231989
			DUR.FAC.	1.25	FROM CDM
			SPACING	24.0"	JREF- 1THV215_Z02



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 210 WEST 10TH STREET, MOBILE, AL 36688-1000, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY APA) AND TPI. CONNECTOR PLATES ARE MADE OF 2018/166A (4.8/55/K) ASTM A653 GRADE 40/60 (4.8/55) 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 ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT BUILDING 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 - A7)

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. $iw=1.00$ $G_{Cpi}(+/-)=0.18$

Wind reactions based on MWFRS pressures.

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

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

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

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

$C_q/R_T=1.00(1.25)/0(0)$

7.38.0810

Scale = .375"/Ft.

TC LL	20.0 PSF	REF	R215 -	69274
TC DL	10.0 PSF	DATE	05/27/08	
BC DL	10.0 PSF	DRW	HCUSR215	08148083
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	1THV215	Z02

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 101, ALEXANDRIA, VA 22304-4400, FOR SAFETY PRECAUTIONS. 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. ITH 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 AISC) AND TPI. ITH BCG CONNECTOR PLATES ARE MADE OF 2018/166A (4.0/55/5) ASTM A653 GRADE 40/60 (H, K/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF IP11 2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEX A3 OF IP11 2002 SEC. 2.

ALPINE

ITH Building Components Group Inc.

Haines City, FL 33844

FL COA #0278

May 27/08

5 COMPLETE TRUSSES REQUIRED

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

Bot chord 2x6 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 -1.87 to 62 PLF at 15.67

From	20 PLF at 0.00 to	20 PLF at 15.67
From	20 PLF at 0.00 to	20 PLF at 15.67

PLB = 4010 LB Conc. Load at (7.13,9.04)

PLB-1514 LB Conc. Load at (9.06,9.04), (11.06,9.04),

(13.06, 8.04)

PLB- 1519 LB Conc. Load at (15.06, 8.37)

Wind reactions based on MWFRS pressures.

Calculated horizontal deflection is 0.18" due to live load and 0.18" due to dead load.

++ 8-10d COMMON NAILS OPPOSITE HANGER AFTER THE THIRD PLY IS ATTACHED. 6-10d COMMON NAILS OPPOSITE HANGER AFTER THE FOURTH PLY IS ATTACHED. 4-10d COMMON NAILS OPPOSITE HANGER AFTER THE FIFTH PLY IS ATTACHED.

Nailing Schedule: (0.131"x3" Gun nails)

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

Bot Chord: 2 Rows @ 5.00" o.c. (Each Row)

Webs : I Row @ 4" o.c.

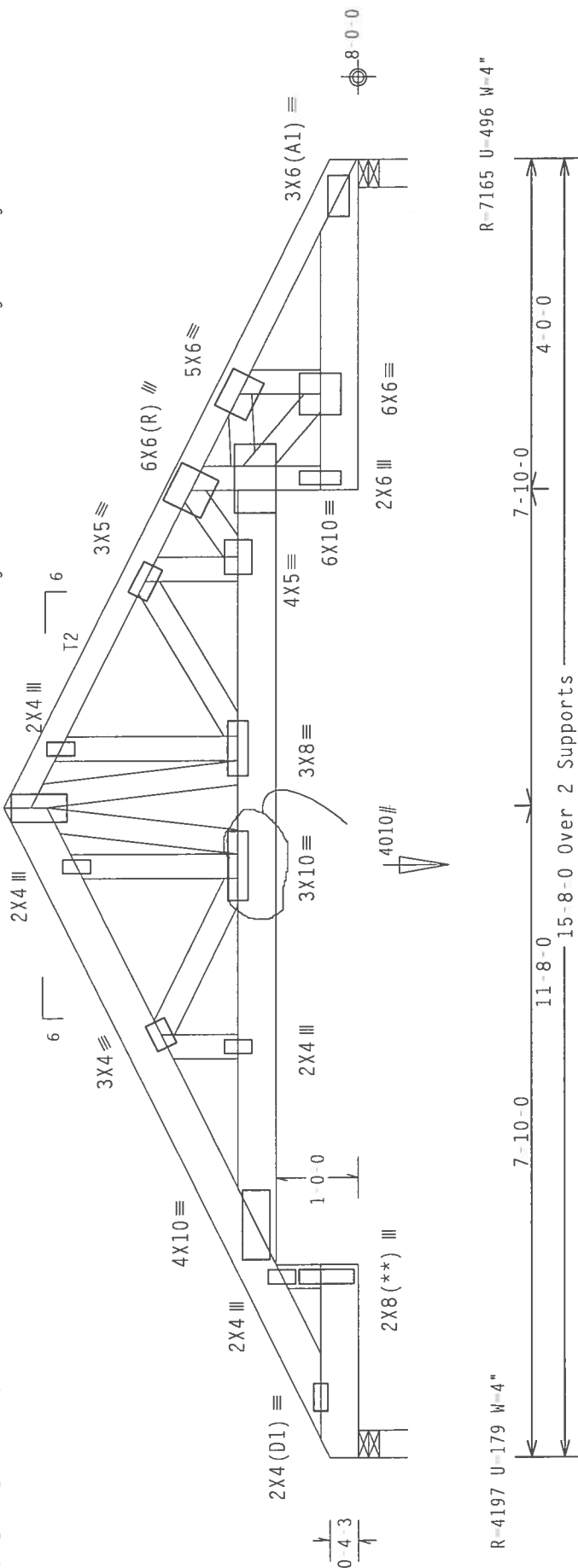
Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting. In addition apply (1) 1/2" bolt at each bottom chord joint location.

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

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

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



R-4197 II-179 W-4"

R-7165 U-496 W-4"

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

$$Cq/RT=1.00(1.25)/0(0) \quad 7.38.0810.03$$

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

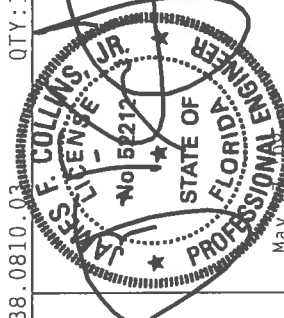
Scale = .5"/Ft.

[illegible]

ALPINE

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

****IMPORTANT**** - FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD TO THIS SPECIFICATION, OR FABRICATING, WELDING, SHIPPING, INSTALLING & BRACING OF TRUSSES, OR CONSTRUCTION OF JOISTS, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THESE TRUSSES AND JOISTS WERE MADE ON 20/10/1966, BY JOHNSON & JOHNSON, GRADE 40/60, PLATES TO EACH FACE OF TRUSS AND JOIST UNLESS OTHERWISE LOCATED ON THIS DESIGN. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMHX 43 OF 1/11/2010. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. DESIGN SHOWN THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING BUILDING DESIGNER PER AMHS/1/1/3 1 SEC. 2.



TC LL	20.0 PSF	REF	R215 - 69275
TC DL	10.0 PSF	DATE	05/27/08
BC DL	10.0 PSF	DRW	HCUSR215 08148103
BC LL	0.0 PSF	HC - ENG	EC/AP
TOT.LD.	40.0 PSF	SEQN -	232220
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF -	1THV215_Z02

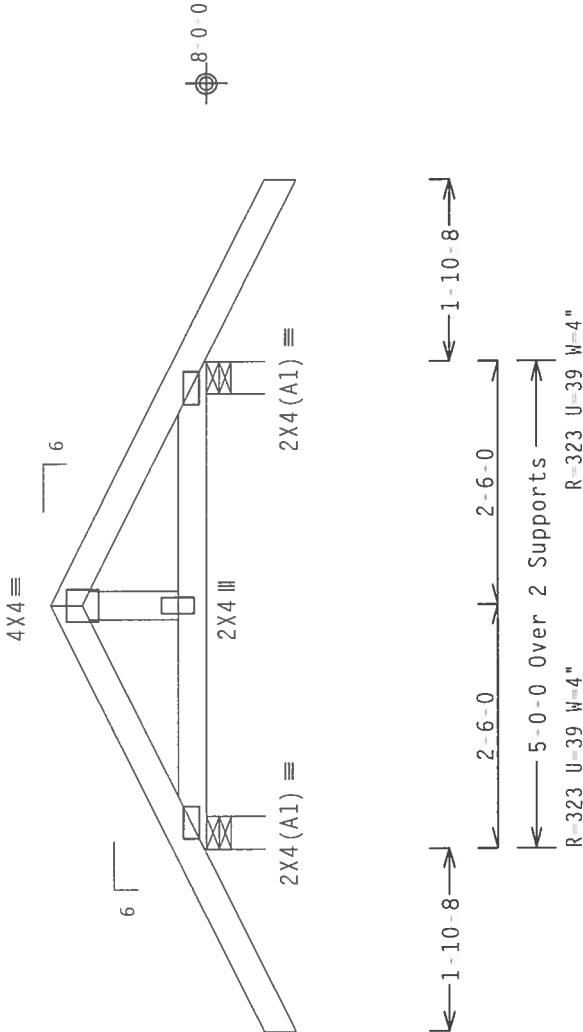
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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

The overall height of this truss excluding overhang is 1-7-3.

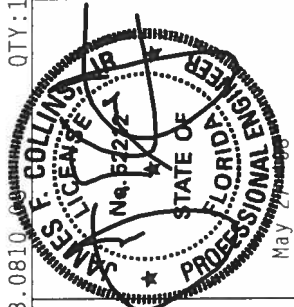
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.



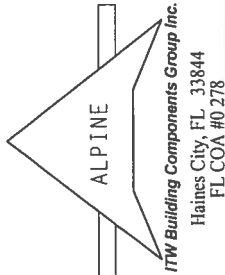
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0)

QTY:1	FL/-5/-/-R/-	Scale = .5"/ft.
TC LL	20.0 PSF	REF R215-- 69276
TC DL	10.0 PSF	DATE 05/27/08
BC DL	10.0 PSF	DRW HCUSR215 08148053
BC LL	0.0 PSF	HC-ENG EC/AP *
TOT.LD.	40.0 PSF	SEQN- 232051
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1THV215_Z02



****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), 218 STEEL STREET, ALBANY, NY 12212, 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. 1TH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. 1TH BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. 1TH BCG CONNECTOR PLATES ARE MADE OF 70/10/16GA (4-N/55/K) ASTM A653 GRADE 40/60 (4" K/H/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 ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGNER. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



PLT TYP. Wave

2 COMPLETE TRUSSES REQUIRED

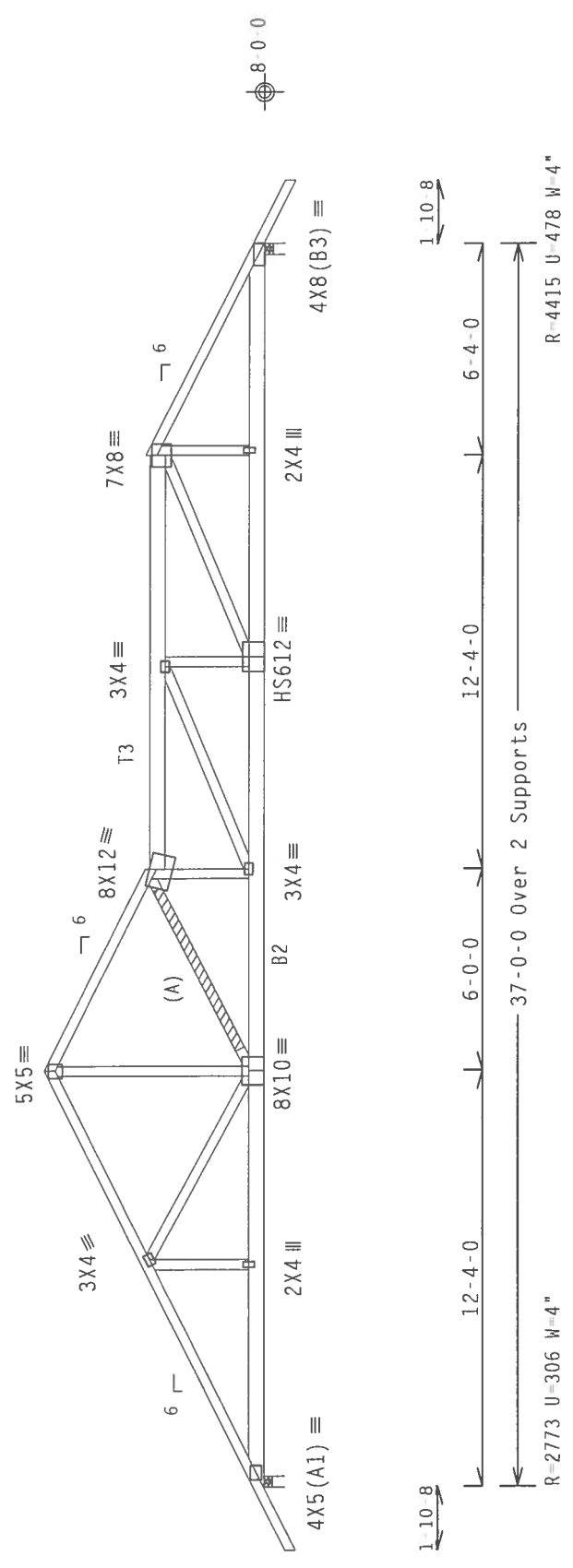
Nailing Schedule: (0.131"x3" Gun nails)
Top Chord: 1 Row @ 4.00" o.c.
Bot Chord: 1 Row @ 12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger in each row to avoid splitting.

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. $I_w=1.00$ GCp(+/)=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 6'6"-3."



-37-0-0 Over 2 Supports

R=2773 U=306 W=4"

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

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

08103 coll.

7.38

$$\frac{0(0)}{0}$$
$$1.25) / 1.25$$
$$= 1.00$$
$$\frac{Cq}{RT} =$$

2112

Design

2
3
4
5
6
7
8
9
10
11
12

4
4
5
5
5
5
5

6, Wave

Large HS

20 Ga

.T TYP.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND 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.

[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 11, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCPI(+/-)=0.18

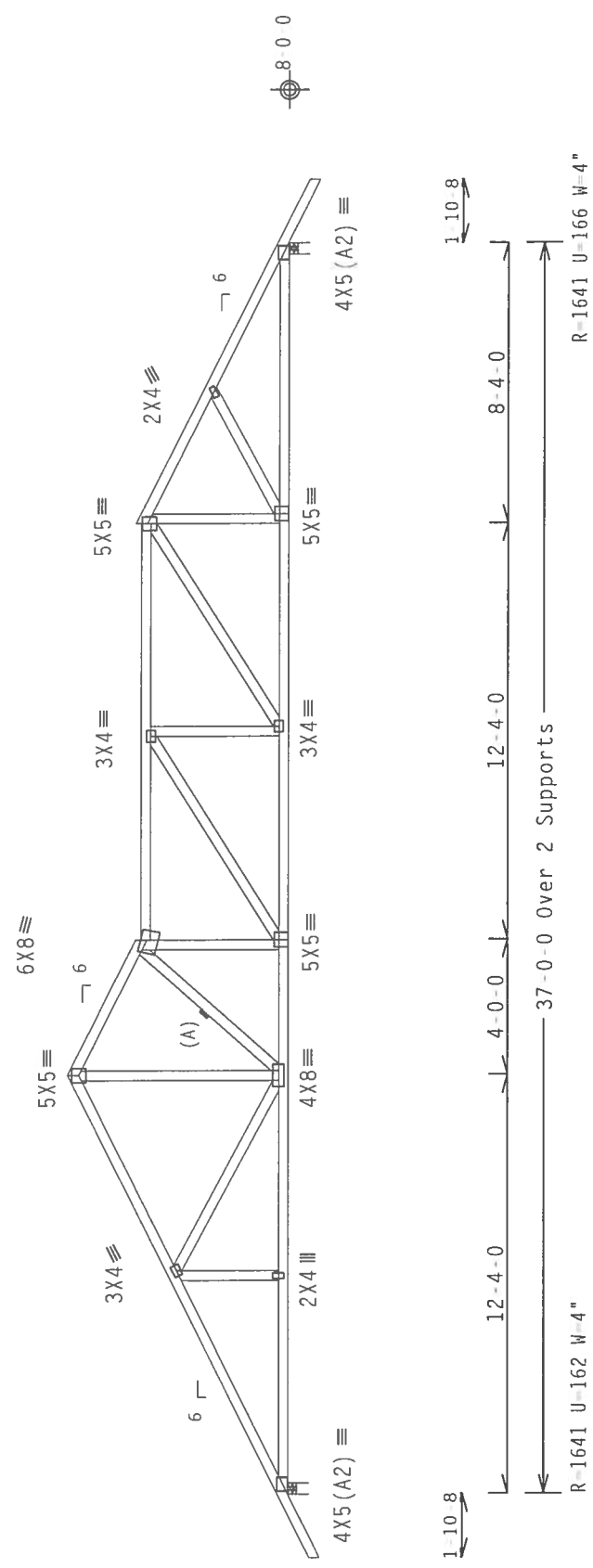
(A) Continuous lateral bracing equally spaced on member.

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

Wind reactions based on MWFRS pressures.

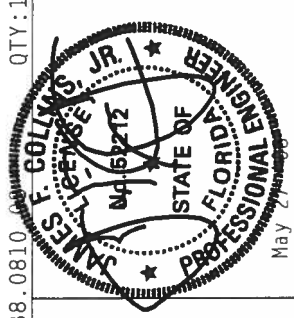
Deflection meets L/240 live and L/180 total load.

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

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

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

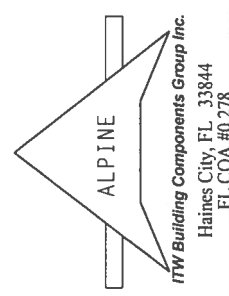
TC LL	20.0	PSF	REF	R215--	69279
TC DL	10.0	PSF	DATE	05/27/08	
BC DL	10.0	PSF	DRW	HCUSR215	08148055
BC LL	0.0	PSF	HC-ENG	EC/AP	*
TOT.LD.	40.0	PSF	SEQN-	231928	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1THV215_Z02	



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

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

DESIGN COMPLIES WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND IPTI. IPTI BCG CONNECTOR PLATES ARE MADE OF 2018/1874 (W-10/55K) ASTM A563 GRADE 40/60 (4, X/10.55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCKED ON THIS DESIGN, POSITION IPTI DRAWINGS TOP 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERICAN OF IPTI 2002 SEC.3. A SEAL ON THIS PLATE SHALL BE ATTACHED TO THE TRUSS TO VERIFY THE AUTHORITY OF THE TRUSS COMPANY FOR THE TRUSS DESIGN. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER (PER AMST/IPTI 1 SEC. 2).



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

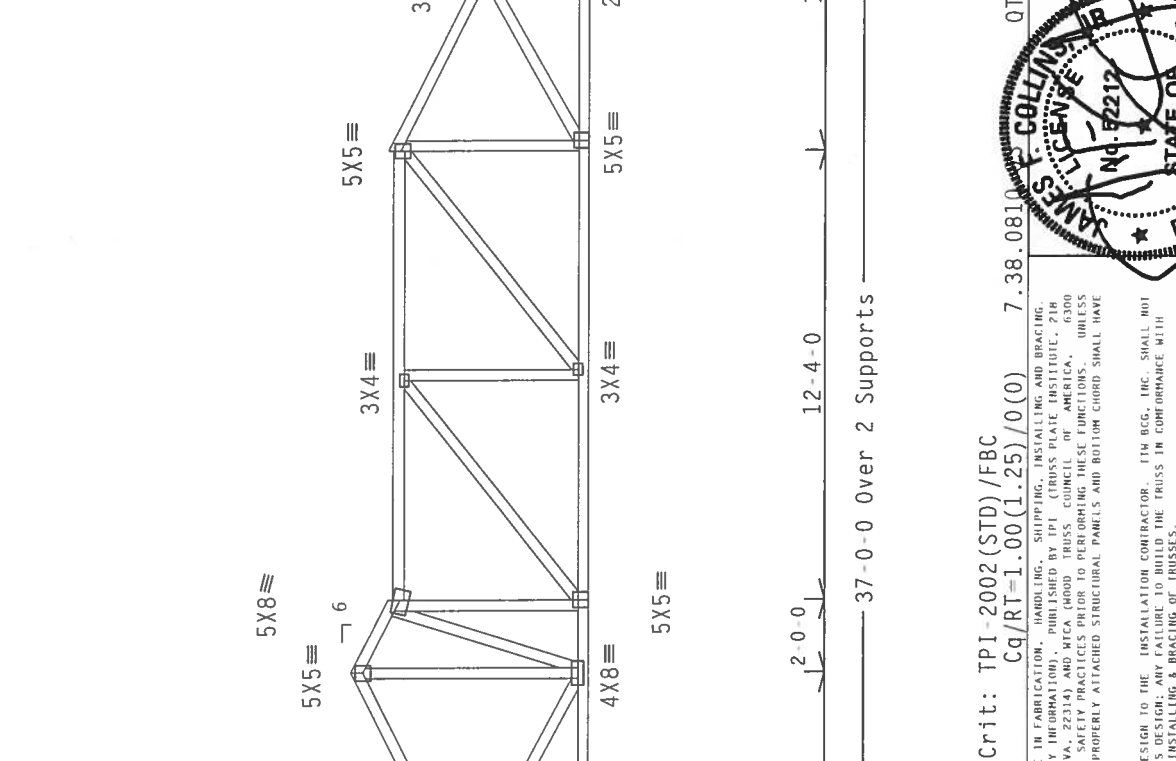
110 mph wind, 15.00 ft mean htg, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ $G_{CPI}(+/-)=0.18$

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 6 6 3.



PLT TYP. Wave

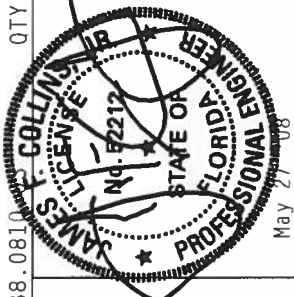
Alpine
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0278

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

PLT TYP. Wave

Scale = .1875"/ft.

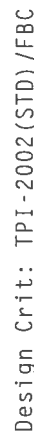
TC LL	20.0 PSF	REF	R215--	69280
TC DL	10.0 PSF	DATE	05/27/08	
BC DL	10.0 PSF	DRW	HCUSR215	08148056
BC LL	0.0 PSF	HC-ENG	EC/AP	*
TOT.LD.	40.0 PSF	SEQN-	231924	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF	1THV215_Z02	



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. THE TRUSS COMPONENTS ARE NOT TO BE USED FOR ANY OTHER PURPOSES. THE TRUSS IS NOT TO BE USED FOR ANY OTHER PURPOSES. THE TRUSS IS NOT TO BE USED FOR ANY OTHER PURPOSES. THE TRUSS IS NOT TO BE USED FOR ANY OTHER PURPOSES.

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

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


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

Scale = .1875"/Ft.

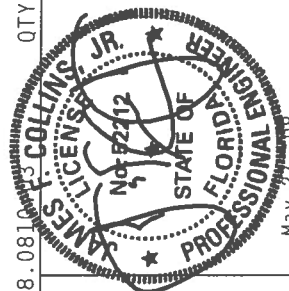
*WARNING** TRUSKS REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING REFER TO DESIGNS (WITH DIMENSIONS), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 WILSON STREET, SUITE 317, ALEXANDRIA, VA, 22314) AND WCA (WOOD TRUSS, COUNCIL OF AMERICA, 6300 WILSON STREET, SUITE 317, ALEXANDRIA, VA, 22314) FOR PRACTICES FOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CLIPS.

*** 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 ITH IPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING, A FAILURE TO TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC.)

CONNECTION PLATES ARE MADE OF 20X18X1/8GA (A136) GRADE 50/60 (A. K/A-55) GALV. STEEL. APPLY PLATING EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS. TOLERANCES ARE SPECIFICALLY NOTED.

THE DESIGN INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE DESIGN. THE DESIGN SHALL BE THE RESPONSIBILITY OF THE DESIGNER PER AISC ITH IPI SEC. 2.



TC LL	20.0	PSF	REF	R215	69281
TC DL	10.0	PSF	DATE	05/27/08	
BC DL	10.0	PSF	DRW	HCUSR215	08148057
BC LL	0.0	PSF	HC-ENG	EC/AP	*
TOT.LD.	40.0	PSF	SEQN	231920	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF	1THV215	Z02

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

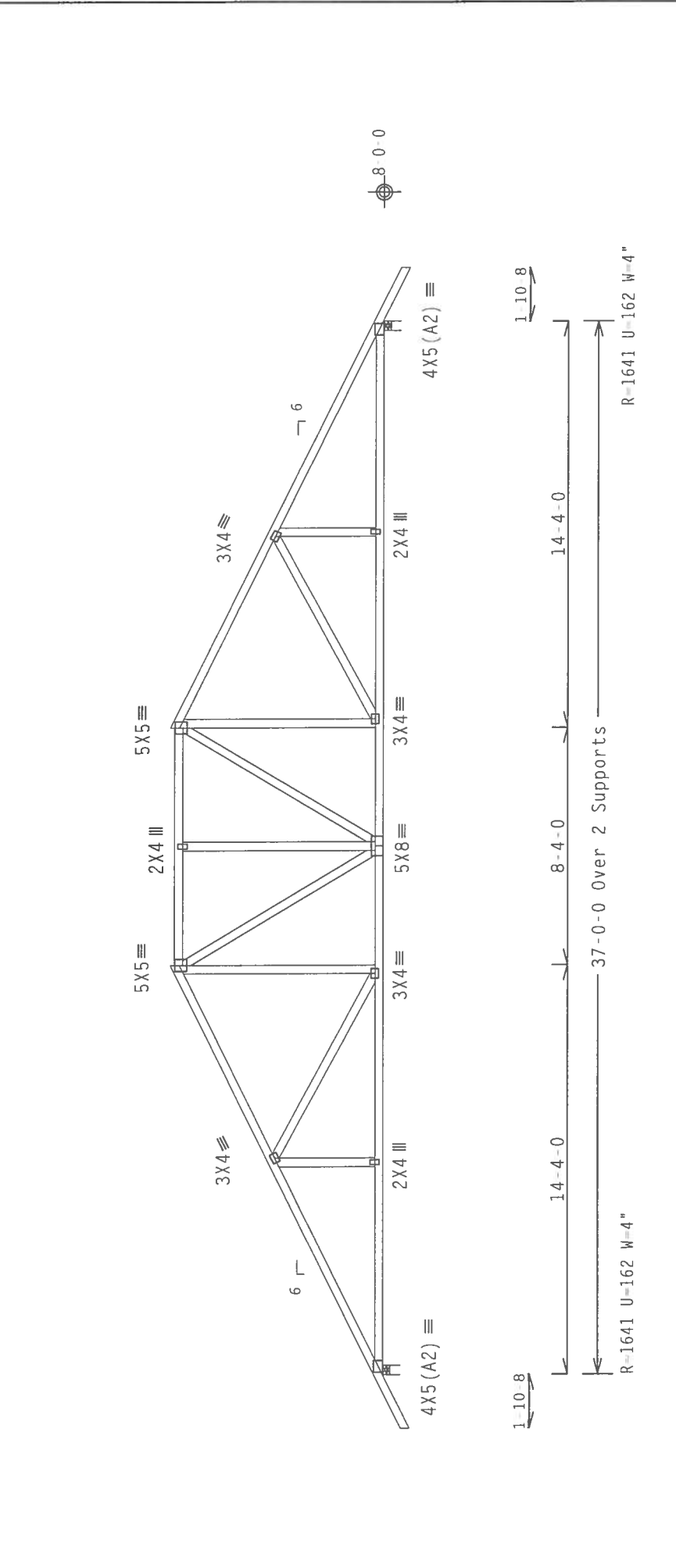
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

The overall height of this truss excluding overhang is 7 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. $I_w=1.00$ $G_{CPI}(+/-)=0.18$

Wind reactions based on MWFRS pressures.

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



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

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

QTY:1

Scale = .1875"/Ft.

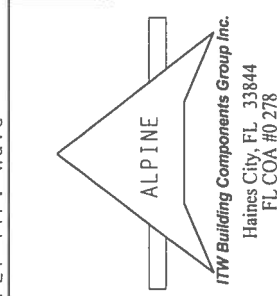
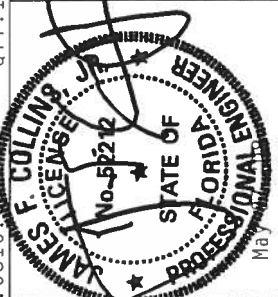
REF	R215 - -	69282
DATE	05/27/08	
DRW	HCUSR215	08148058
HC-ENG	EC/AP	*
SEQN	231916	
FROM	CDM	
JREF	1THV215_Z02	

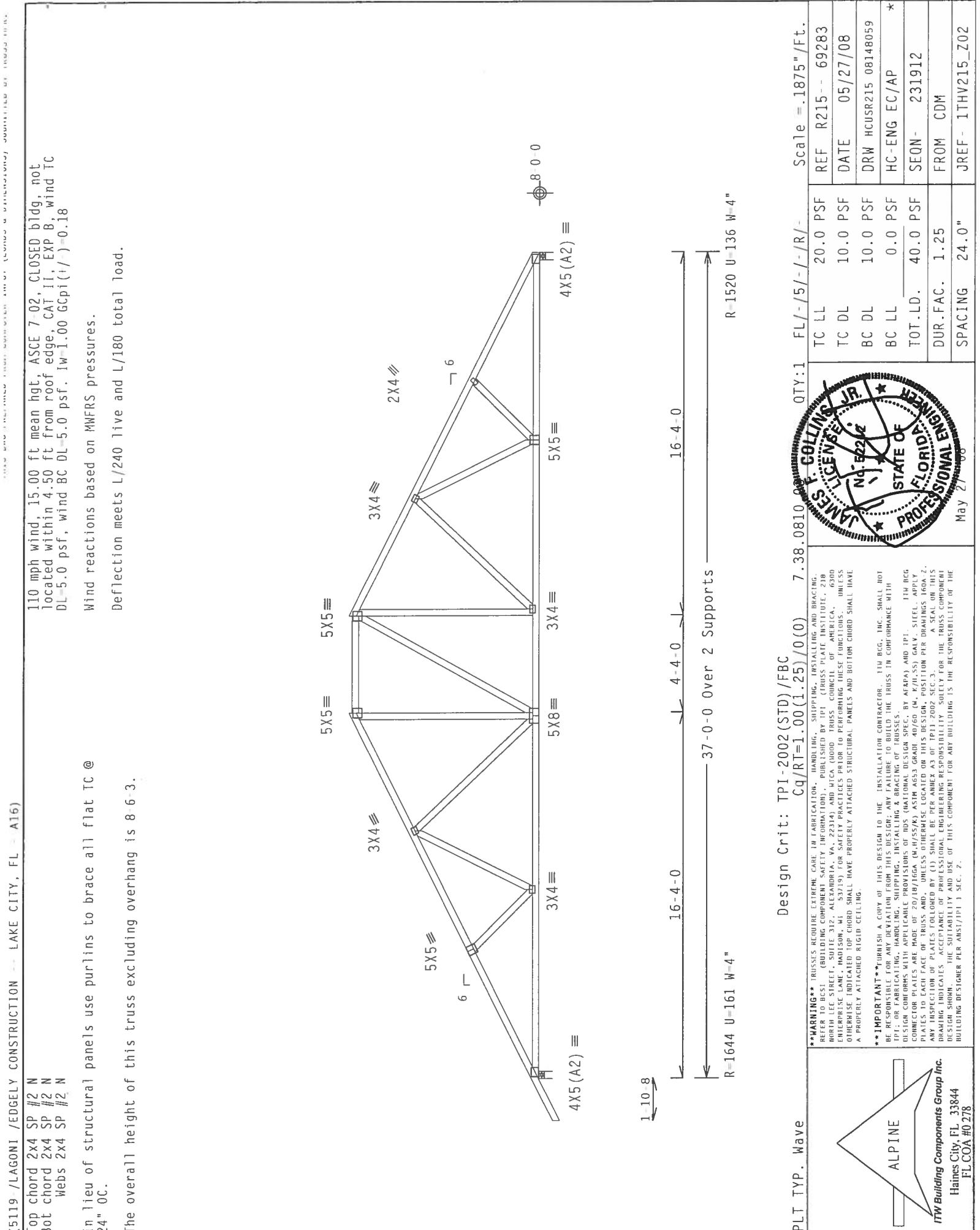
****WARNING**** TRUSSES REQUIRING EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 2100 W. 11TH AVE., SUITE 317, ALEXANDRIA, VA, 22304) AND AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC., 500 N. MICHIGAN AVE., CHICAGO, IL 60610) FOR TRUSS DESIGN, FABRICATION, AND ERECTION. UNLESS OTHERWISE INDICATED FOR CHORDS, ALL TRUSS MEMBERS SHALL BE 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 SHALL BE THE RESPONSIBILITY OF 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 SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC., BY AISC) AND TPI. THE BCG, INC. SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS. UNLESS OTHERWISE INDICATED FOR CHORDS, ALL TRUSS MEMBERS SHALL BE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC. (AISC) DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC. (AISC) DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN.





(5119 /LAGONI /EDGELEY CONSTRUCTION - LAKE CITY, FL - A16)
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 IC @ 24" OC.
The overall height of this truss excluding overhang is 8'6.3".
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 IC DL=5.0 psf, wind BC DL=5.0 psf, lw=1.00 GCpi(+/-)=0.18
Wind reactions based on MWFRS pressures.
Deflection meets L/240 live and L/180 total load.

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.38.0810 00 QTY:1 FL/-5/-/-R/- Scale =.1875"/Ft.

PLT TYP. Wave

ALPINE
Haines City, FL 33844
FL COA #0278

ITW Building Components Group Inc.

James F. Collins, Jr.
Professional Engineer
State of Florida
No. 82242
May 2/00

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-- 69283
DATE 05/27/08
DRW HCUSR215 08148059
HC-ENG EC/AP
SEQN- 231912
FROM CDM
JREF- 1THV215_Z02

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

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

(A) Continuous lateral bracing equally spaced on member.

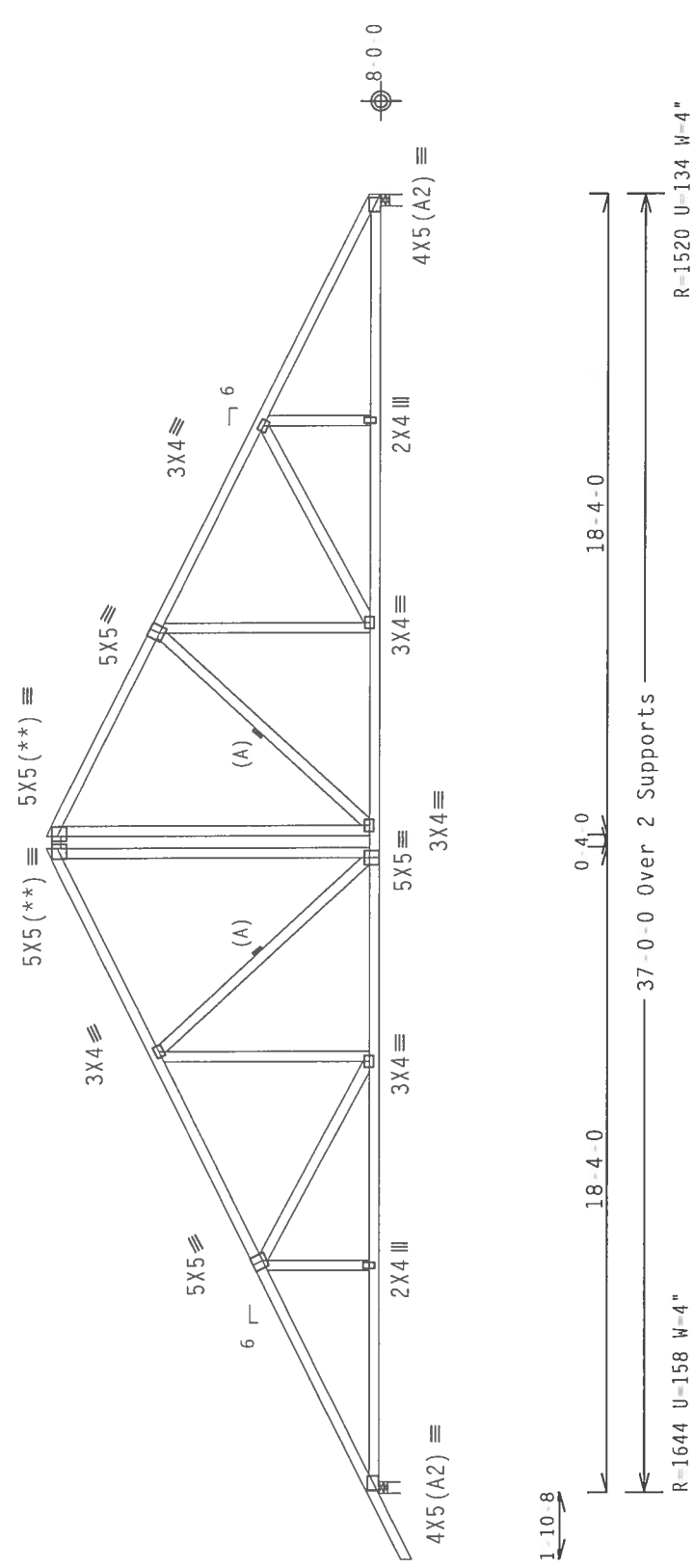
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind ic DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCpi (+/-) = 0.18

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.

The overall height of this truss excluding overhang is 9' 6.3".



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

Scale = .1875"/Ft.
REF R215 -- 69284
DATE 05/27/08
DRW HCUSR215 08148084
HC-ENG EC/AP
SEQN- 231908
FROM CDM
JREF- 1THV215_Z02

PLT TYP. Wave

ALPINE

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

James F. Collins, Jr.
Professional Engineer
State of Florida
License No. 6212
May 21, 2008

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES (BUILDING COMPONENT SAFETY INFORMATION) - PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 210 WEST 10TH AVENUE, SUITE 100, ALBUQUERQUE, NM 87102-1000, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES. ITW BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC., BY AISC) AND TPI. CONNECTOR PLATES ARE MADE OF 2018/1666 (4.0/55/5) ASTM A553 GRADE 40/60 (4.0/55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

TC LL	20.0 PSF
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"

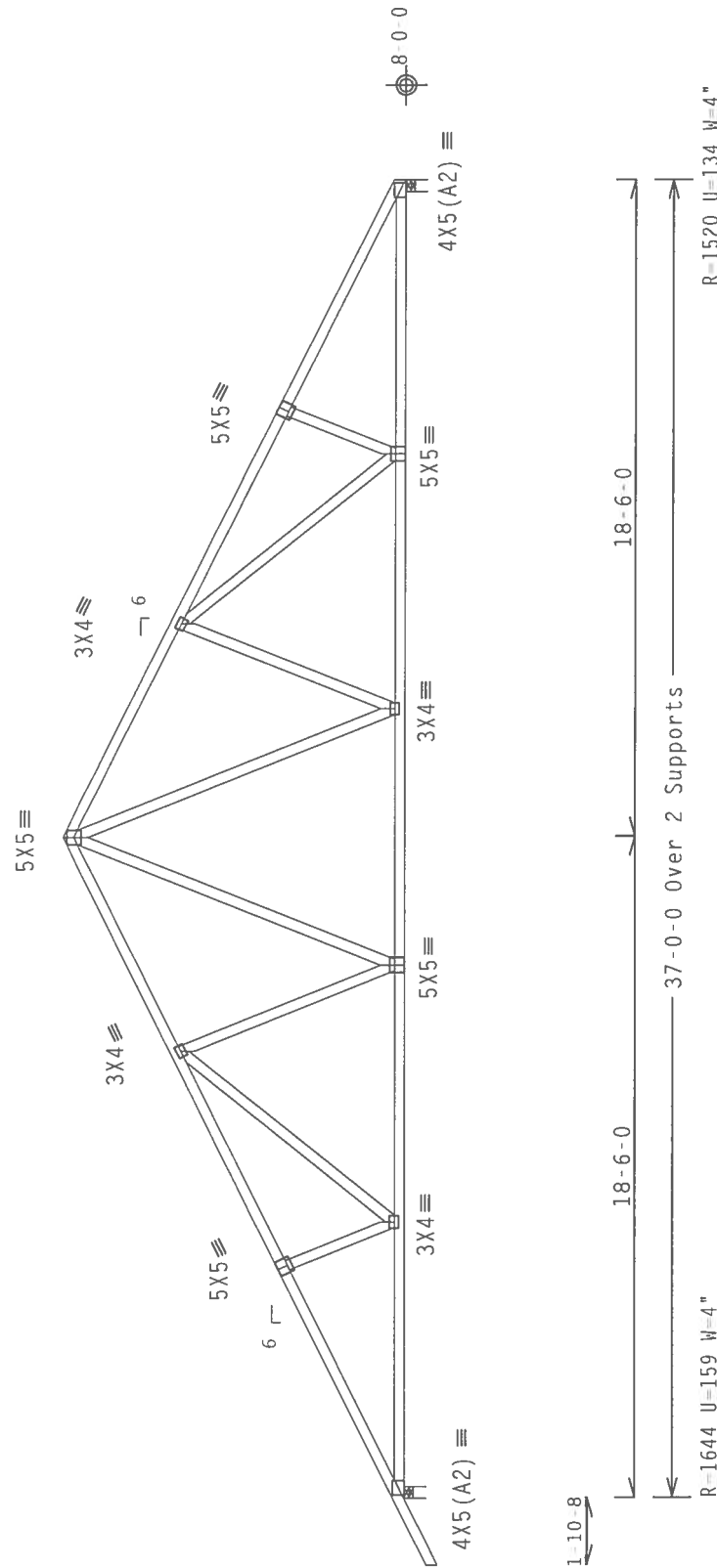
Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

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

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

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 9'7"3.



Design Crit: TPI-2002(STD)/FBC

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

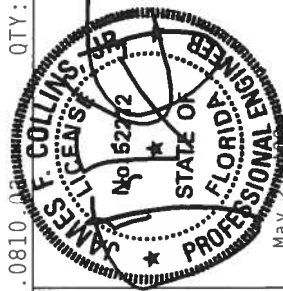
QTY:1 FL/-/5/-/1-/R/-/

Scale = .1875"/Ft.

[illegible]

****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 TYPE 1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONDITIONS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC.),
1. FOR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.
CONNECTION PLATES ARE MADE OF 2018/1668 (M/1557K) ALUM A63 GRADE 40/60 (M/KH-55) GALV. STEEL. APPLY
PLATES TO EACH FACE OF TRUSS AND, OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER 43 OF TP11 2002 SEC.3
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLLY FOR THE TRUSS COMPONENT
DESIGN SHOWN. THE SUBMITTAL AND USE OF ANY BUILDING IS THE RESPONSIBILITY OF THE
BUILDING DESIGNER PER AMER/TP11 1 SEC. 2.



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

ALPINE

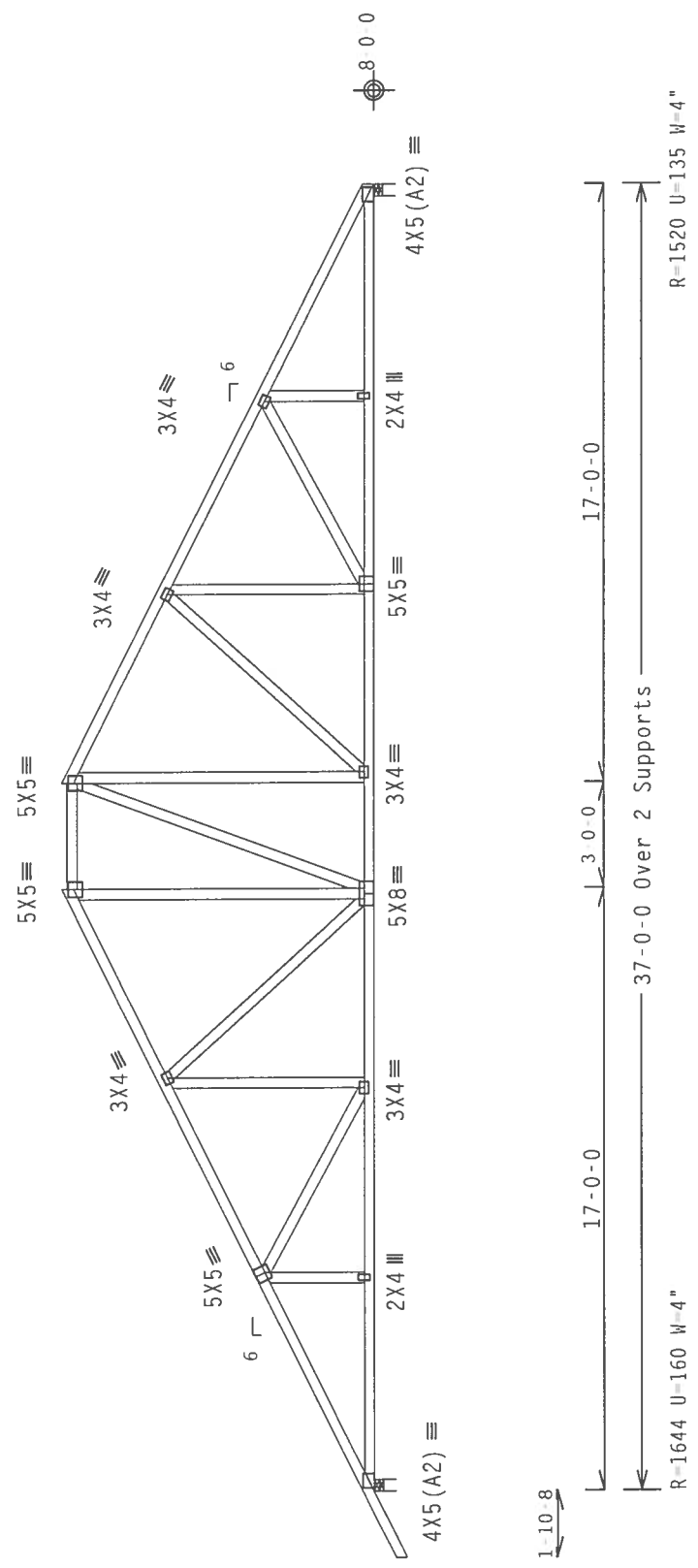
	Top	chord	2x4	SP	#2	N
	Bot	chord	2x4	SP	#2	N
		webs	2x4	SP	#2	N

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT 11, EXP B, wind TC DL 5.0 psf, wind BC DL 5.0 psf. $I_w 1.00$ GCp(+/-) 0.18

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

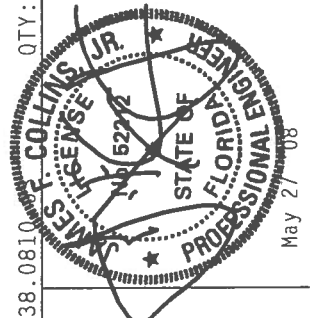
Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 8-10-3.

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

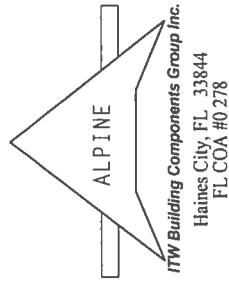
QTY:1 FL/5/-/R/ Scale =.1875"/Ft.

TC LL	20.0	PSF	REF	R215 -	69286
TC DL	10.0	PSF	DATE	05/27/08	
BC DL	10.0	PSF	DRW	HCUSR215	08148061
BC LL	0.0	PSF	HC-ENG	EC/AP	*
TOT.LD.	40.0	PSF	SEQN-	231900	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1THV215_Z02	



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSE (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IPT (TRUSS PLATF INSTITUTE, 218 BORTH LIL STREET, SUITE 317, ALEXANDRIA, VA, 22314) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, 100 CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAULDS AND BOTTOM CHORD SHALL HAVE A PROPERT ATTACHED RIGID CELLING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DETECTION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH DESIGN OR COMPLAINS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND IPT. 1TH BCG CONNECTOR PLATES ARE MADE OF 2019/1716GA (R4/SS/53) A513 A653 GRADE 40/60 (IN R/4/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A 2. IF ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMEX A3 OF IPT 2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AHS/IPT 1 SEC. 2.



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

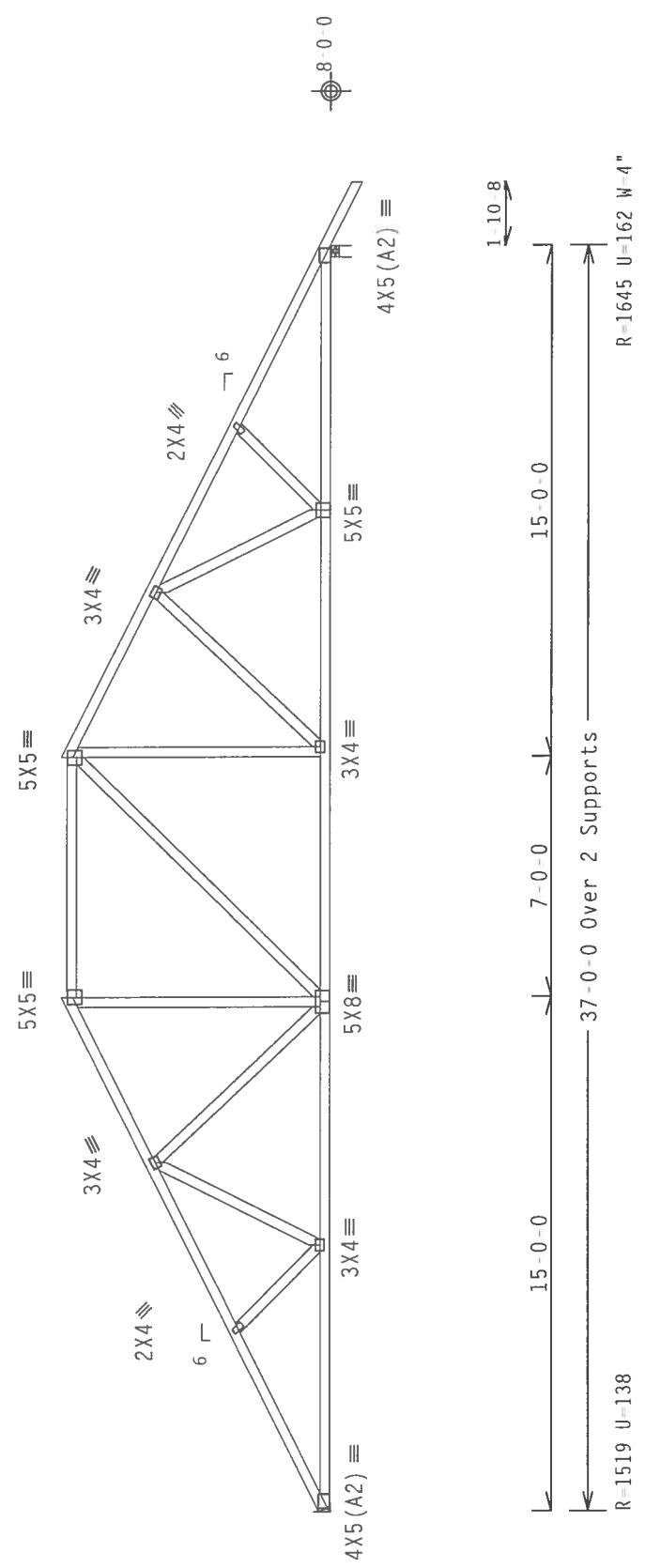
110 mph wind, 15.00 ft mean hgt, ASCE 7-02. CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCPI ($1/1$)=0.18

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 7-10-3.

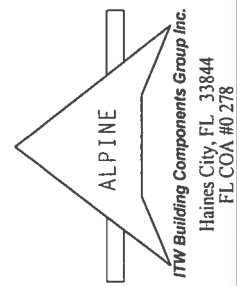


PLT Typ. Wave

7.38.0810 QTY:1 FL/-5/-/R/- Scale = .1875"/Ft.

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

****IMPORTANT****TURBISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BEG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TP1; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE TRUSS DESIGN AND CONSTRUCTION BY AEPDA) AND TP1. ALL BEG CONNECTOR PLATES MADE OF 20/10/TP16 (A-7083) ASH A653 GRADE 40 /60 (A-7083) GALV., STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS T60A-Z. IF ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX 4 OF TP1 2009 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEX 1 OF TP1 2009 SEC. 2.



TC LL	20.0 PSF	REF	R215 - 69287
TC DL	10.0 PSF	DATE	05/27/08
BC DL	10.0 PSF	DRW	HCUSR215 08148085
BC LL	0.0 PSF	HC-ENG	EC/AP
TOT.LD.	40.0 PSF	SEQN-	232211
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1THV215_Z02

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

Max JT VERT DEF: LL: 0.17" DL: 0.17" recommended camber 1/4"

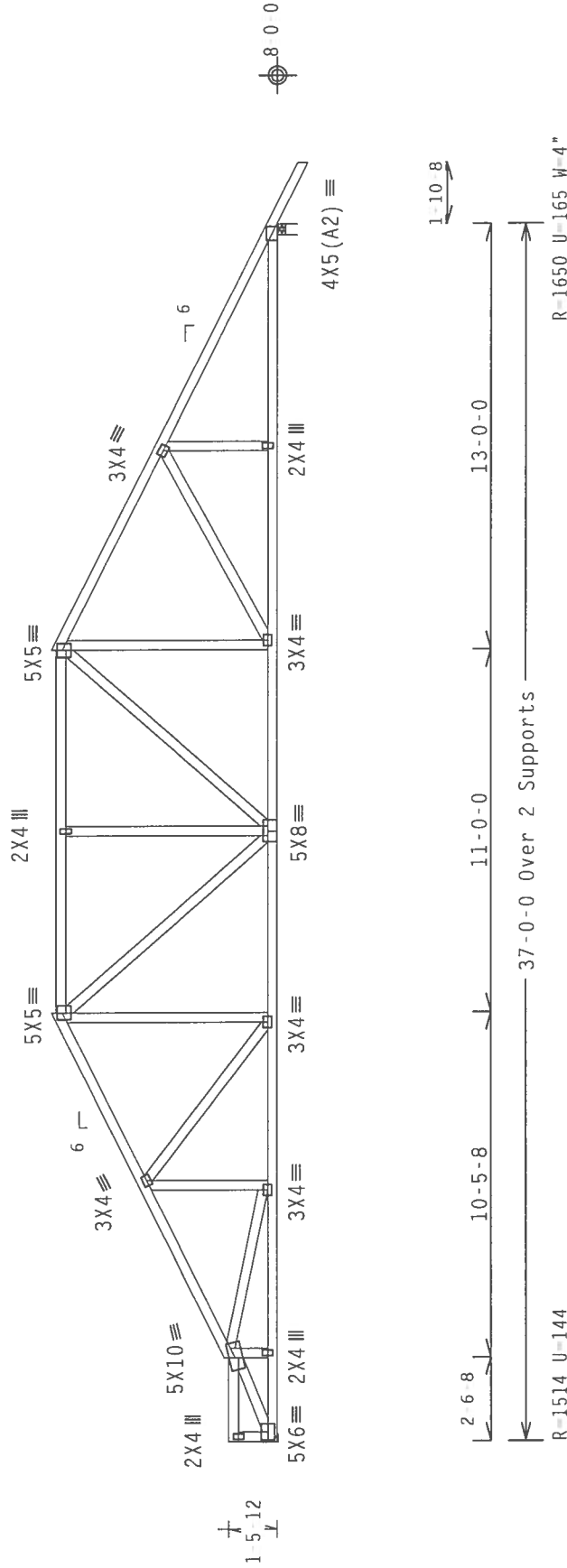
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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(-/-)=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 6-10 3.



Design Crit: TPI-2002(STD)/FBC

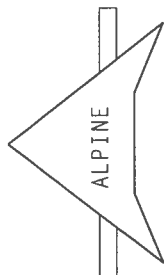
Cq/RT=1.00(1.25)/0(0)

7.38.0810

QTY:1

FL/-/5/-/R/-

Scale = .1875"/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 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 2100 HUNTER STREET, SUITE 312, ALEXANDRIA, VA 22304) AND TPI (TRUSS PLATE INSTITUTE, 2100 HUNTER STREET, SUITE 312, ALEXANDRIA, VA 22304) FOR SAFETY AND QUALITY. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF BCS (NATIONAL DESIGN SPEC. BY AFRPA) AND TPI. 1TW REG CONNECTOR PLATES ARE MADE OF 2018/16GA (N-17/55/K) ASH A653 GRADE 40/60 (W. K/H-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 ANNEX A3 OF IPTI 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT BUILDING SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEX 1 SEC. 2.

PLT TYP. Wave

REF R215 - 69288

DATE 05/27/08

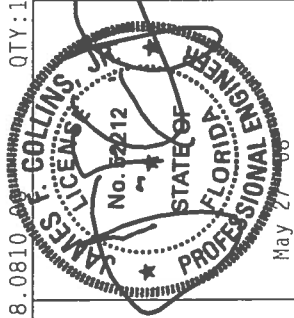
DRW HCUSR215 08148086

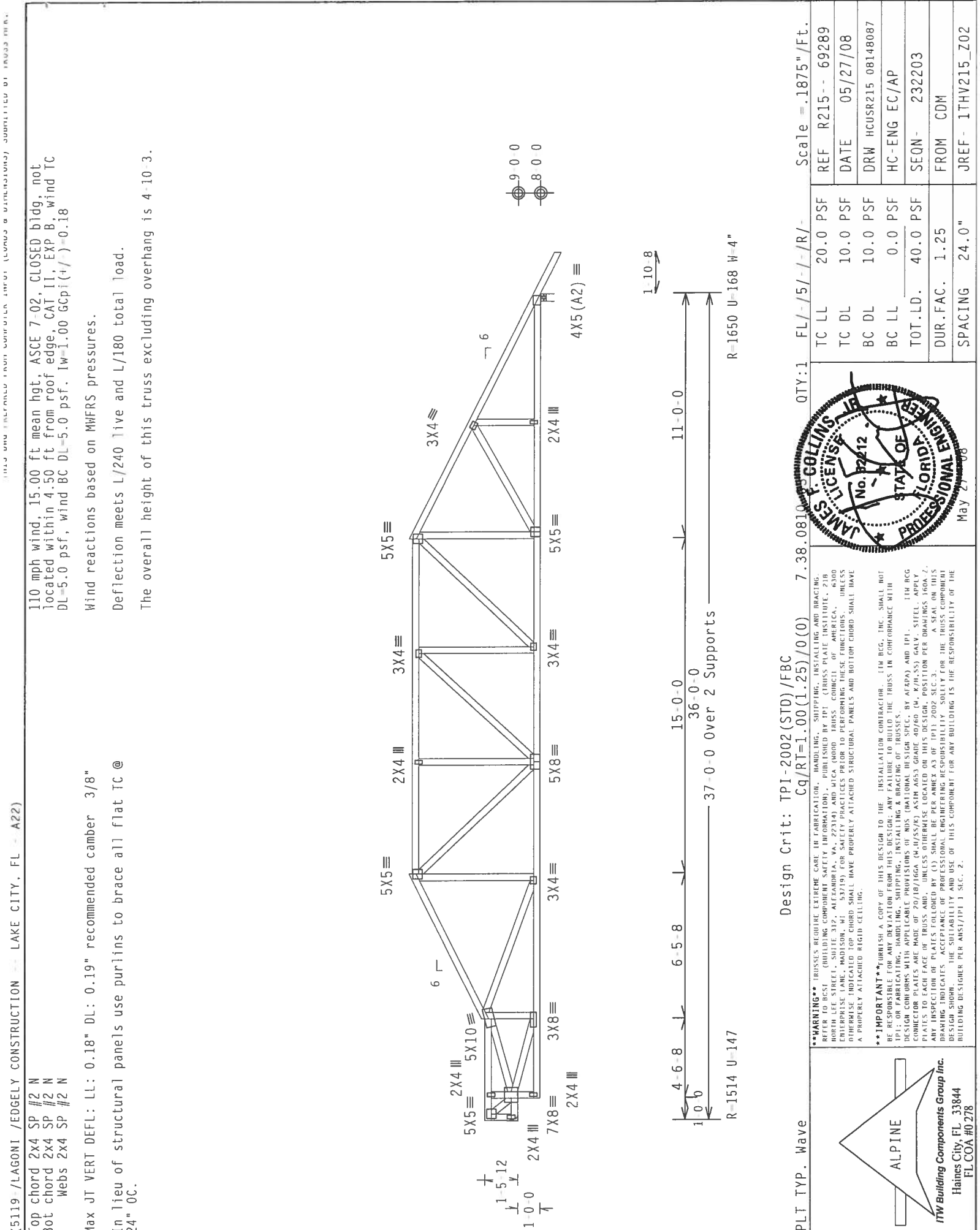
HC-ENG EC/AP

SEQN- 232207

FROM CDM

JREF- 1THV215-Z02





(5119 - LAGONI / EDGELY 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: 0.18" DL: 0.19" recommended camber 3/8"

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

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

Wind reactions based on MWFRS pressures.

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

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

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/0(0) 7.38.0810 QTY:1 FL/-5/-/-/R/- Scale = .1875"/Ft.

PLT TYP. Wave REF R215 - - 69289
DATE 05/27/08
DRW HCUSR215 08148087
HC-ENG EC/AP
SEQN- 232203
FROM CDM
JREF- 1THV215_Z02

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

James F. Gollins, Inc.
Professional Engineer
No. 82212
State of Florida
May 27, 2008

WARNING: TRUSSES REQUIRING EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 718 MILLER AVENUE, ALPINE, TEXAS 78002-1000, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT: FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. 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 NDS (NATIONAL DESIGN SPEC. BY ACPA) AND IPI. CONNECTOR PLATES ARE MADE OF 2018/166A (4-10/55/5) ASTM A653 GRADE 40/60 (4, 8/10/55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF IPI 2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SUEPLY FOR THE TRUSS COMPONENT DESIGNER. SIGNATURE OF DESIGNER: JAMES F. GOLLINS, INC. DATE: MAY 27, 2008. BUILDING DESIGNER PER ANNEX A3 SEC. 2.

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.

SPECIAL LOADS

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

	From	122 PLF at 0.00'	122 PLF at 30.00'
TTC	-	122 PLF at 0.00' to	122 PLF at 30.00'
TTC	-	122 PLF at 0.00'	122 PLF at 30.00'
TTC	-	122 PLF at 0.00'	122 PLF at 30.00'

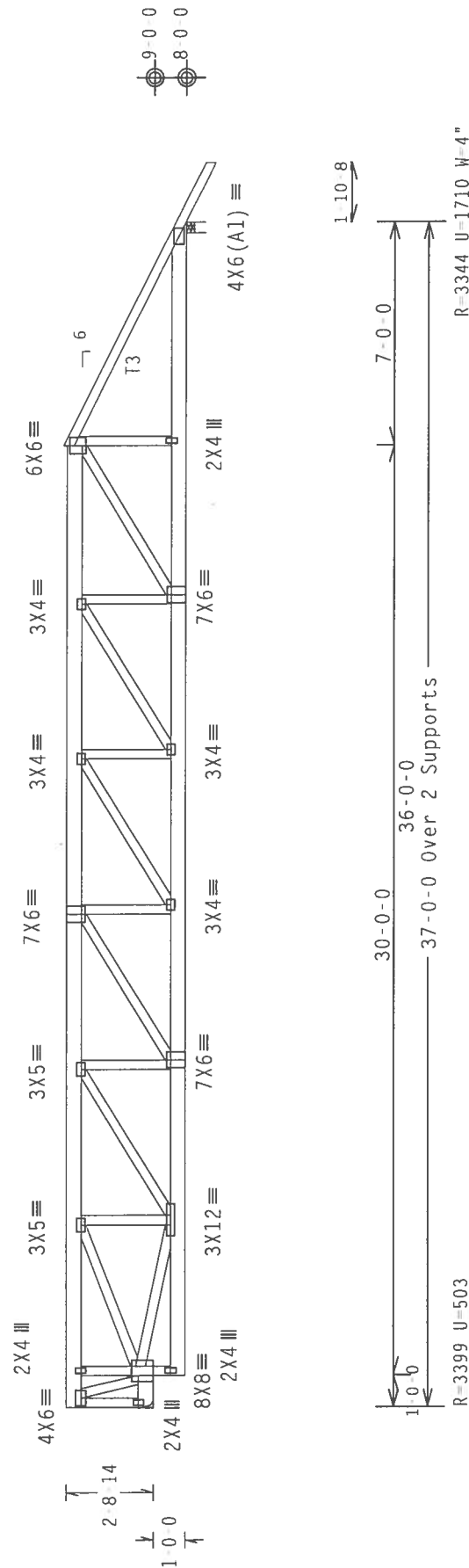
[illegible]

	From	60 PLF at 0.00 to	60 PLF at 30.00
BBC	From	60 PLF at 0.00 to	60 PLF at 30.00
C	From	20 PLF at 20.00 to	20 PLF at 27.00

From	20 PLF at 30.00 to	20 PLF at 37.00
BC		
TC		
172 IR Conc	load at 30.00	

IC	LB	Conc.	Load at 30.00
1/2	LB	Conc.	Load at 30.00
438	LB	Conc.	Load at 30.00

BC = 438 LB CONC. Load at 30.00



R=3399 U=503

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

7.37.0521

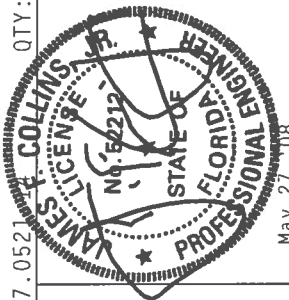
QTY:1 FL/-/5/-/-/R/-

Scale = .1875"/Ft.

WARNING THUSSELL BUILDING EXTERIOR CARE, INC. (FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (FIBERS PLASTIC INSTITUTE), 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304 AND WITA (WOOD TRUSS COUNCIL OF AMERICA), 6300 ENTERPRISE LANE, WAUWATONIA, WI 53219, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

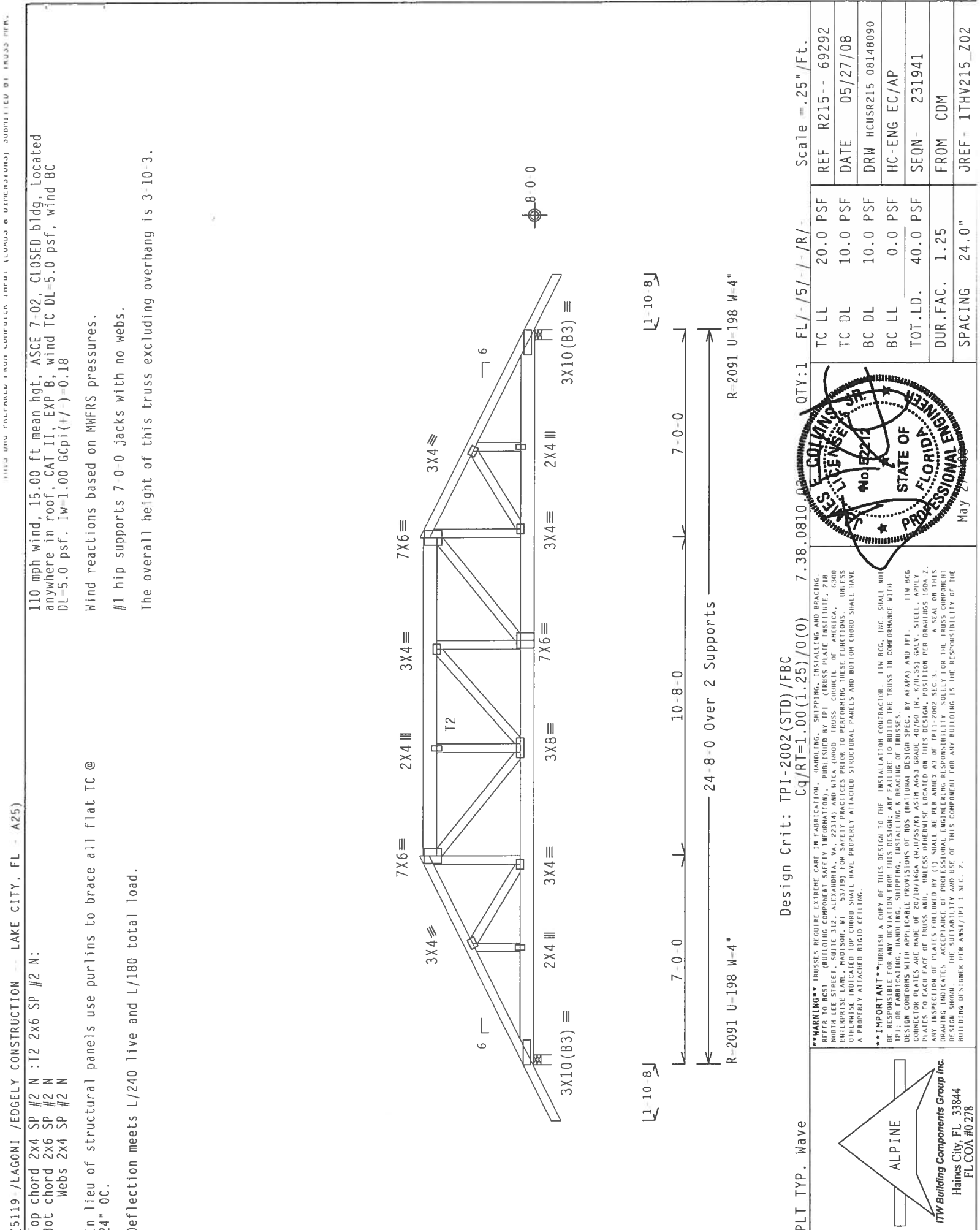
****IMPORTANT****-FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ILL BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH IPI ; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONDITIONS WITH ANY LABEL PROVISIONS OF THIS NATIONAL DESIGN SPEC. FOR BRACING & BRACING OF TRUSSES. THE BCG CONNECTOR PLATES ARE MADE OF 2018/19/10 (M/MS/K) ALUMINUM 6061 T6 (M/MS/K) GALV. STEEL. ALLOY 6061 T6 PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS. APPLY 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF 1911 2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF DESIGN SHOWN. THE SUSTAINABLE AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEX 1 SEC. 2.



May 27 '08

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



(5119 / LAGONI / EDGELY 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.

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.

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

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.

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

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.

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

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.

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

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.

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

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.

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

Wind reactions based on MWFRS pressures.

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

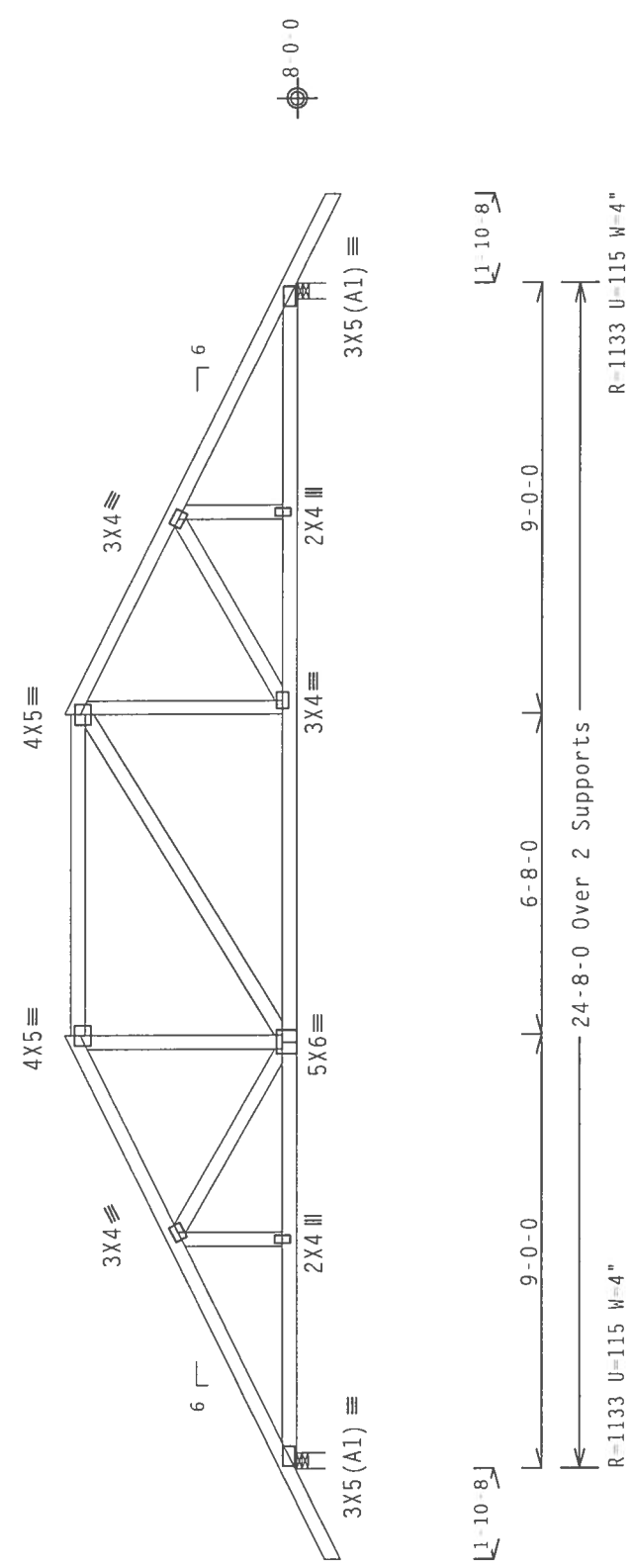
top chord	2x4	SP	#2	N
bot chord	2x4	SP	#2	N
webs	2x4	SP	#2	N

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

n lieu of structural panels use purlins to brace all flat TC @ 4" OC.

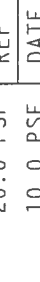
Deflection meets L/240 live and L/180 total load.

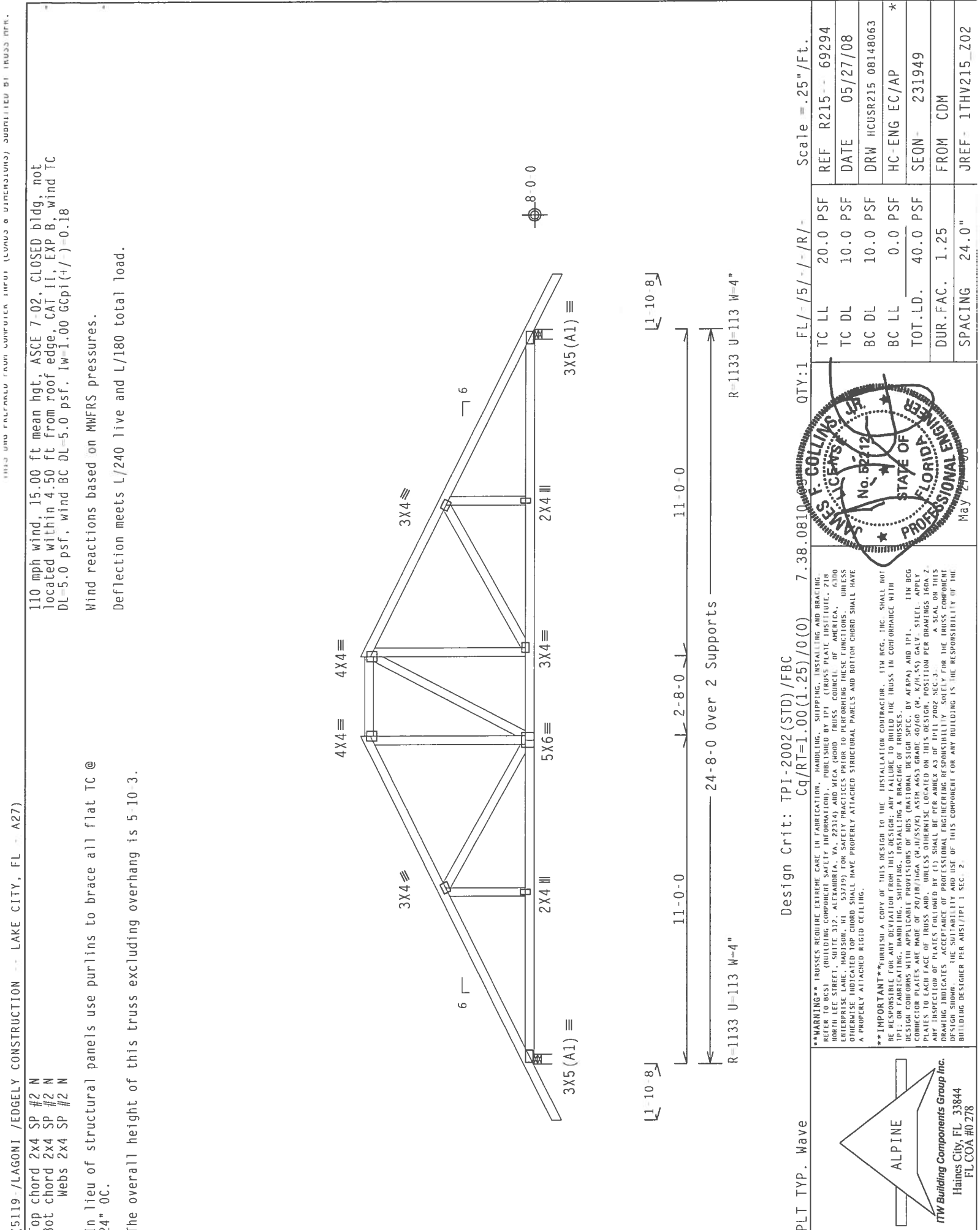
The overall height of this truss excluding overhang is 4-10-3.



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

QTY:1 FL/-/5/-/-/R/- Scale =.25"/Ft.

 ALPINE rtw Building Components Group Inc. Haines City, FL 33844 FL COA #0 278	**WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. CONSULT THE MANUFACTURER'S INSTRUCTIONS FOR THE PROPER BRACING OF TRUSSES. PLATE TOE, PLATE END, WORTH LEE STREET, SUITE 100, ALEXANDRIA, VA 22304, OR WTC/MODER, SUITE 100, WORTH LEE STREET, SUITE 100, ALEXANDRIA, VA 22304, FOR SAFETY PRACTICES PRIOR TO PERFORMING THE 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. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE TYPE OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.		DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (H/55/K) ASTM A563 GRADE 40/60 (W, K/H/55) GALV. STEEL. APPLY CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/55/K) ASTM A563 GRADE 40/60 (W, K/H/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 AMT# A3 OF IPT1 2002 SEC 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.		May 21, 2002	
	REF R215 - 69293		TC LL 20.0 PSF		DATE 05/27/08		REF - 1THV215_202	
	DRW HCUSR215 08148062		BC DL 10.0 PSF		FROM CDM		SEQU - 231945	
	HC-ENG EC/AP *		BC LL 0.0 PSF		DUR.FAC. 1.25		SPACING 24.0"	
	TOT.LD. 40.0 PSF		TOT.LD. 40.0 PSF		SPACING 24.0"		SPACING 24.0"	



(5119-/LAGONI /EDGELY CONSTRUCTION -- LAKE CITY, FL - A27)

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

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

Wind reactions based on MWFRS pressures.

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

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

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

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

Scale = .25" / Ft.

PLT TYP. Wave

ALPINE

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

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 - 69294
DATE 05/27/08
DRW HCUSR215 08148063
HC-ENG EC/AP
SEQN 231949
FROM CDM
JREF- 1THV215 Z02

James F. Collins, Jr.
Professional Engineer
State of Florida
No. 82712

May 27, 2008

11'-0" 0" 2'-8" 0" 11'-0" 0"

24'-8" 0" Over 2 Supports

R=1133 U=113 W=4"

11'-0" 8" 11'-0" 8"

3X5 (A1) 3X4 4X4 3X4 5X6 3X4 3X5 (A1)

6 6

8-0 0

11'-0" 8" 11'-0" 8"

24'-8" 0" Over 2 Supports

R=1133 U=113 W=4"

11'-0" 8" 11'-0" 8"

24'-8" 0" Over 2 Supports

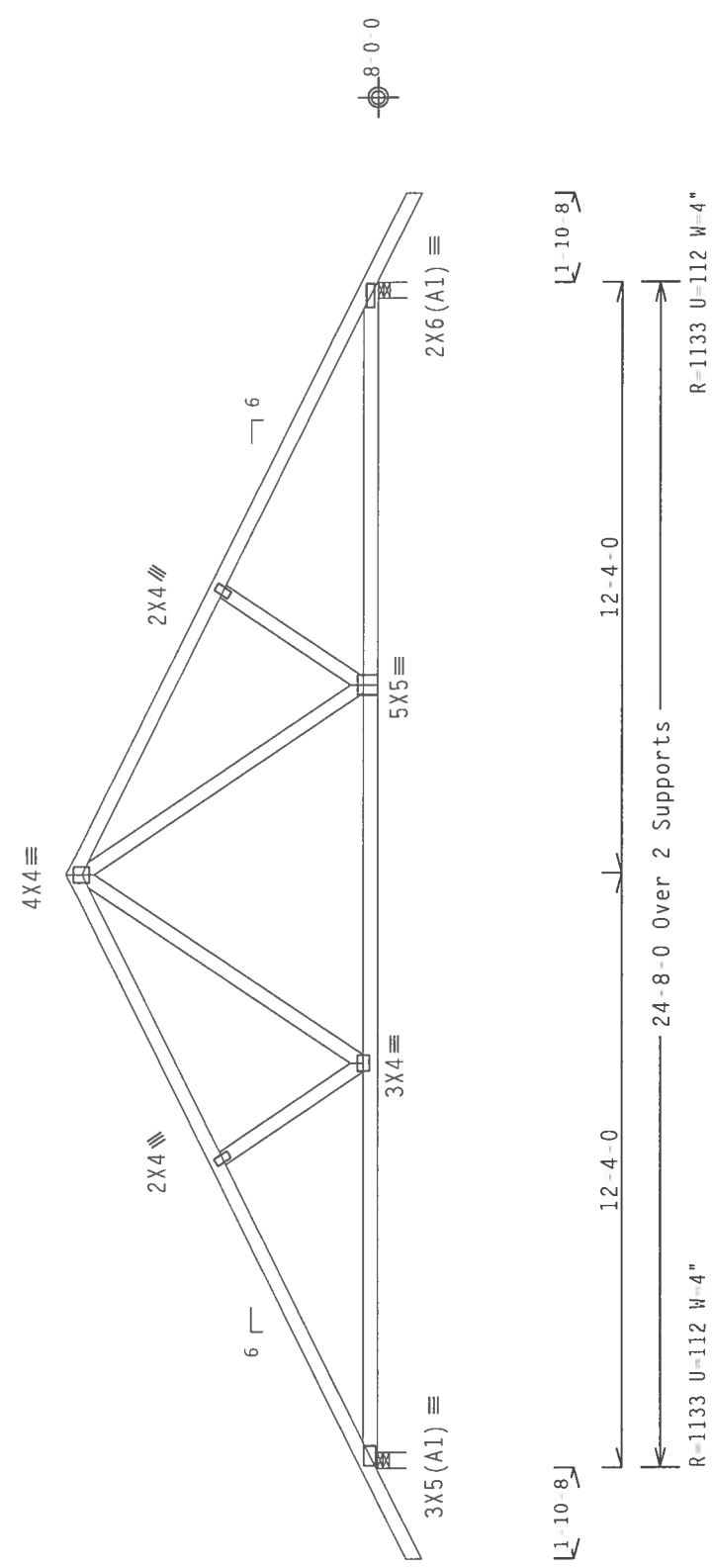
R=1133 U=113 W=4"

Top	chord	2x4	SP	#2	N
ot	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(+/-) 0.18

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

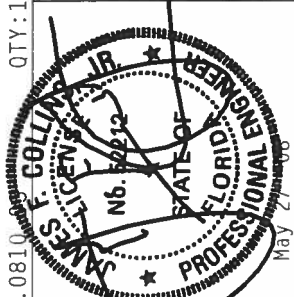
The overall height of this truss excluding overhang is 6-6-3.



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

QTY:1 FL/-5/-/R/- Scale =.25"/Ft.

FL / 2' / K	Scale = .25 / ft.
TC LL 20.0 PSF	REF R215 - 69295
TC DL 10.0 PSF	DATE 05/27/08
BC DL 10.0 PSF	DRW HCUR215 08148064
BC LL 0.0 PSF	HC-ENG EC/AP *
TOT.LD. 40.0 PSF	SEQN- 231953
DUR.FAC. 1.25	FROM CDM
SPACING 24.0"	JREF- 1THV215_202



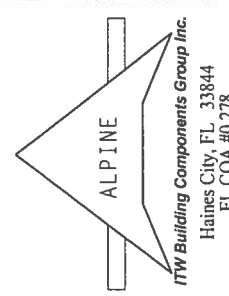
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING CONSTRUCTION SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 48319) 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. ITH 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 A BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AF&PA) AND TPI.

CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/J55/S) ASTM A653 GRADE 40/60 (W/J4-55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMNH A3 OF TP1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUSTAINABILITY AND USE OF THIS DESIGN COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMNH/TP1 1 AND 2.



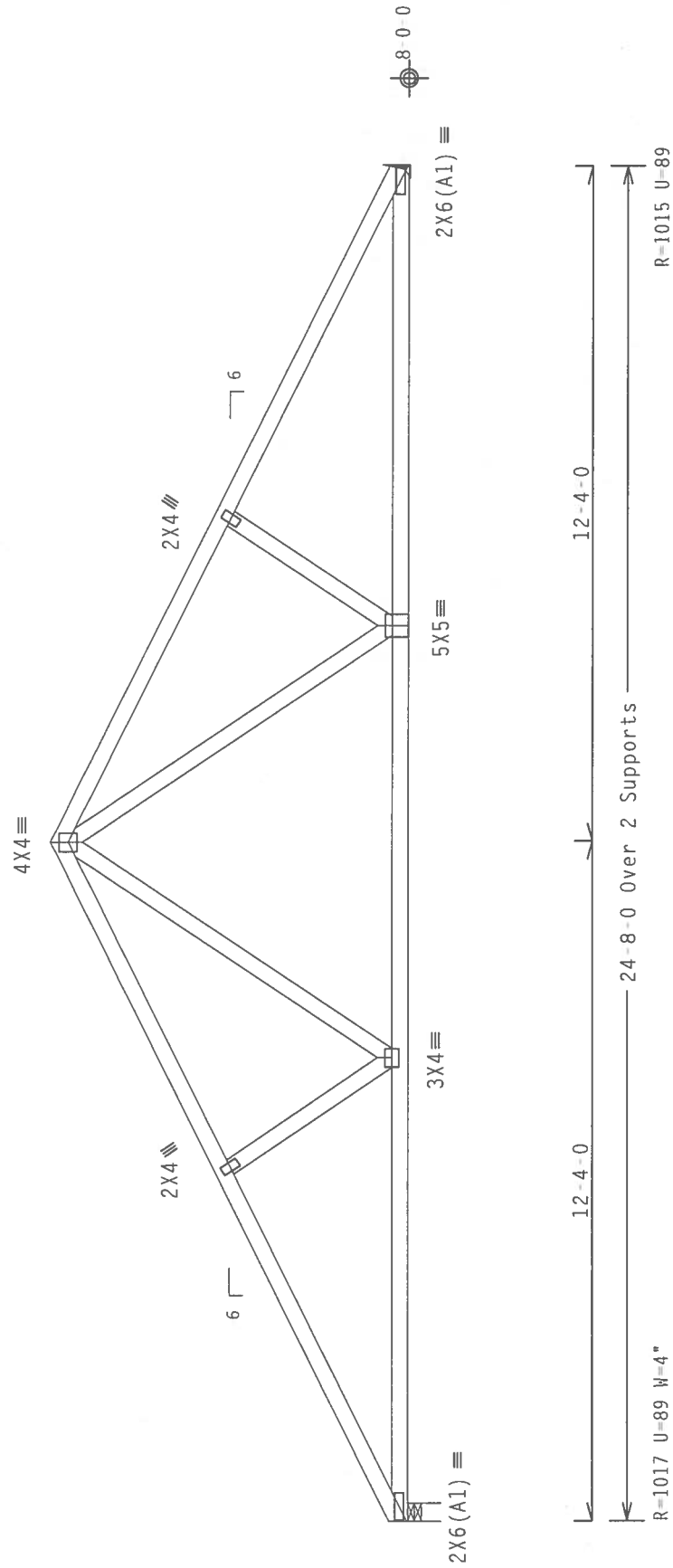
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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

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

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, 1w=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.



PLT TYP. Wave

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) 7.38.0810 QTY:1 FL/-/5/-/R/- Scale = .3125"/Ft.

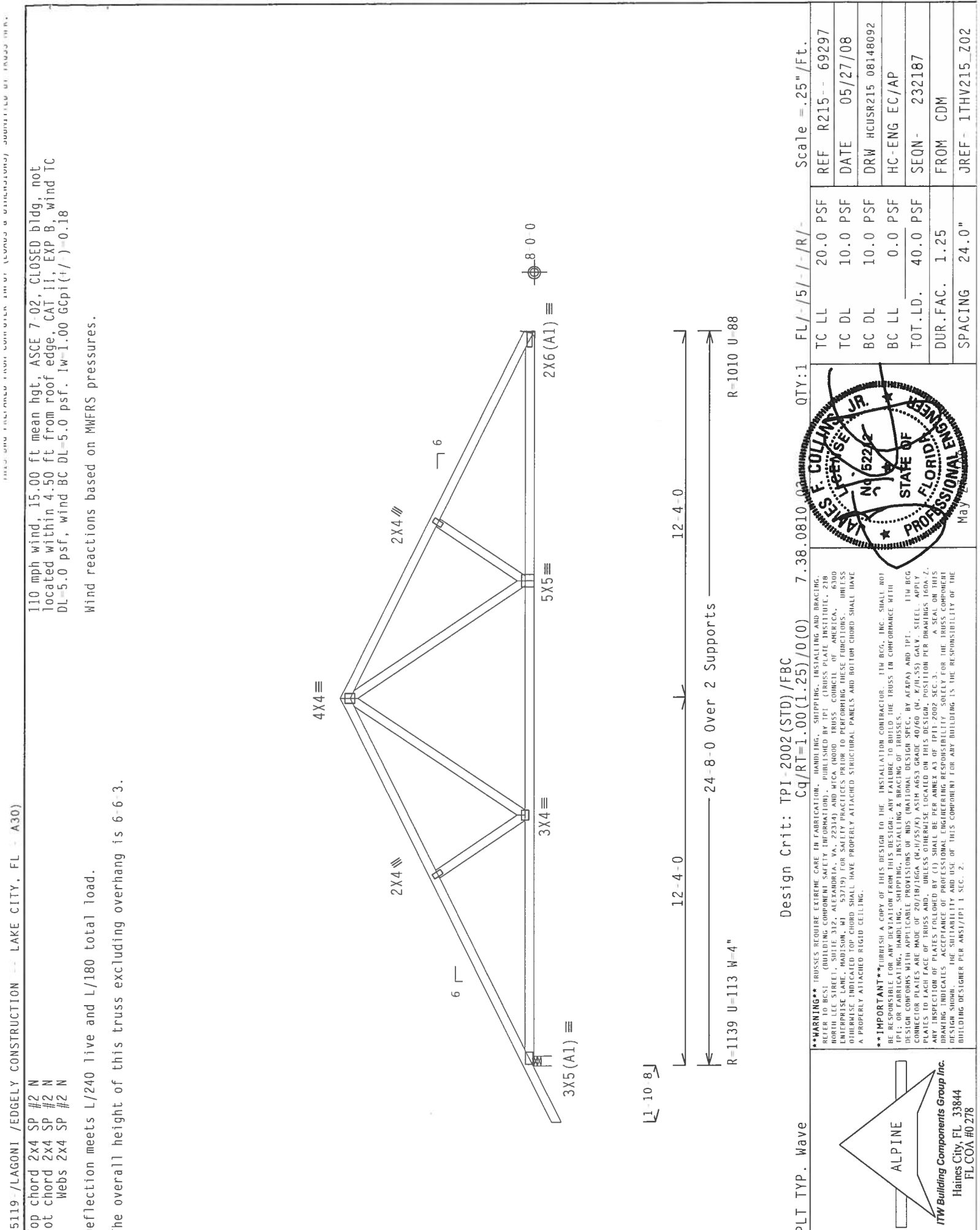
TC LL	20.0 PSF	REF	R215 - - 69296
TC DL	10.0 PSF	DATE	05/27/08
BC DL	10.0 PSF	DRW	HCUSR215 08148091
BC LL	0.0 PSF	HC-ENG	EC/AP
TOT.LD.	40.0 PSF	SEQN-	232183
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1THV215_Z02

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION) - PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 718 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND NECA (NATIONAL ELECTRICAL CONTRACTORS ASSOCIATION, 16300 NORTH 15TH AVENUE, SUITE 100, DENVER, CO 80242) FOR TRUSS SAFETY INFORMATION. TRUSSES MUST BE PROPERLY IDENTIFIED AND OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID GULLING.

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

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY NIPPA) AND TPI. CONNECTOR PLATES ARE MADE OF 2018/16GA (4.0/55/R) ASTM A653 GRADE 40/60 (4.0/55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

James F. Collins, Jr.
No. 22212
STATE OF FLORIDA
PROFESSIONAL ENGINEER
May 27 '08



(5119- /LAGONI /EDGELY CONSTRUCTION - LAKE CITY, FL - A30)

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. lw=1.00 Gcpi(+/-)-0.18

Wind reactions based on MWFRS pressures.

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.38.0810.00 QTY:1 FL/-/5/-/-/R/-

Scale = .25"/Ft.

PLT TYP. Wave

TC LL	20.0 PSF	REF	R215 - -	69297
TC DL	10.0 PSF	DATE	05/27/08	
BC DL	10.0 PSF	DRW	HCUSR215	08148092
BC LL	0.0 PSF	HC-ENG	EC/AP	
TOT.LD.	40.0 PSF	SEQN -	232187	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF -	1THV215	Z02

ALPINE

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

James E. Cullins, Jr.
Professional Engineer
State of Florida
No. 62212
May 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. lw=1.00 Gcpi(+/-)-0.18

Wind reactions based on MWFRS pressures.

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.38.0810.00 QTY:1 FL/-/5/-/-/R/-

Scale = .25"/Ft.

PLT TYP. Wave

ALPINE

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

James E. Cullins, Jr.
Professional Engineer
State of Florida
No. 62212
May 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. lw=1.00 Gcpi(+/-)-0.18

Wind reactions based on MWFRS pressures.

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.38.0810.00 QTY:1 FL/-/5/-/-/R/-

Scale = .25"/Ft.

PLT TYP. Wave

(5119 - LAGONI / EDGELY CONSTRUCTION -- LAKE CITY, FL - A32)

Top chord 2x6 SP #2 N:T1, T5 2x4 SP #2 N:

Bot chord 2x6 SP #2 N :B2 2x6 SP SS:

Webs 2x4 SP #2 N

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

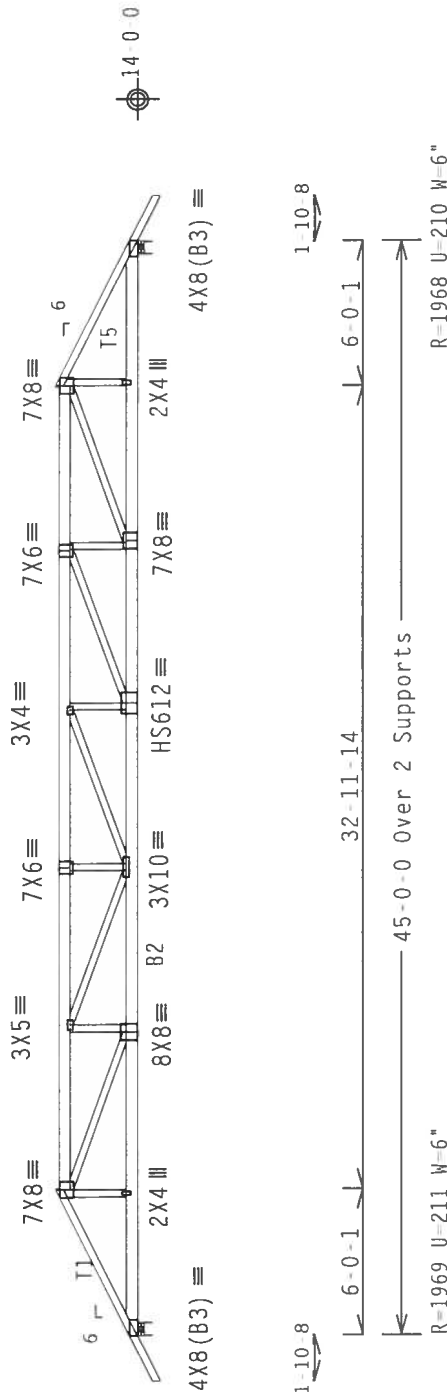
Calculated vertical deflection is 0.65" due to live load and 0.67" due to dead load at X = 19-2-7.

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

1110 mph wind, 15.38 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

Wind reactions based on MWFRS pressures.

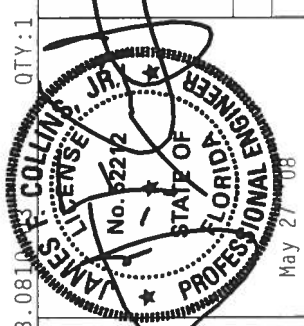
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.



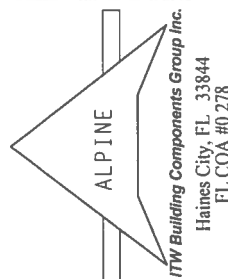
PLT TYP. 20 Gauge HS.Wave
Design Crit: TPI-2002(STD)/FBC
Cg/RT=1.00(1.25)/

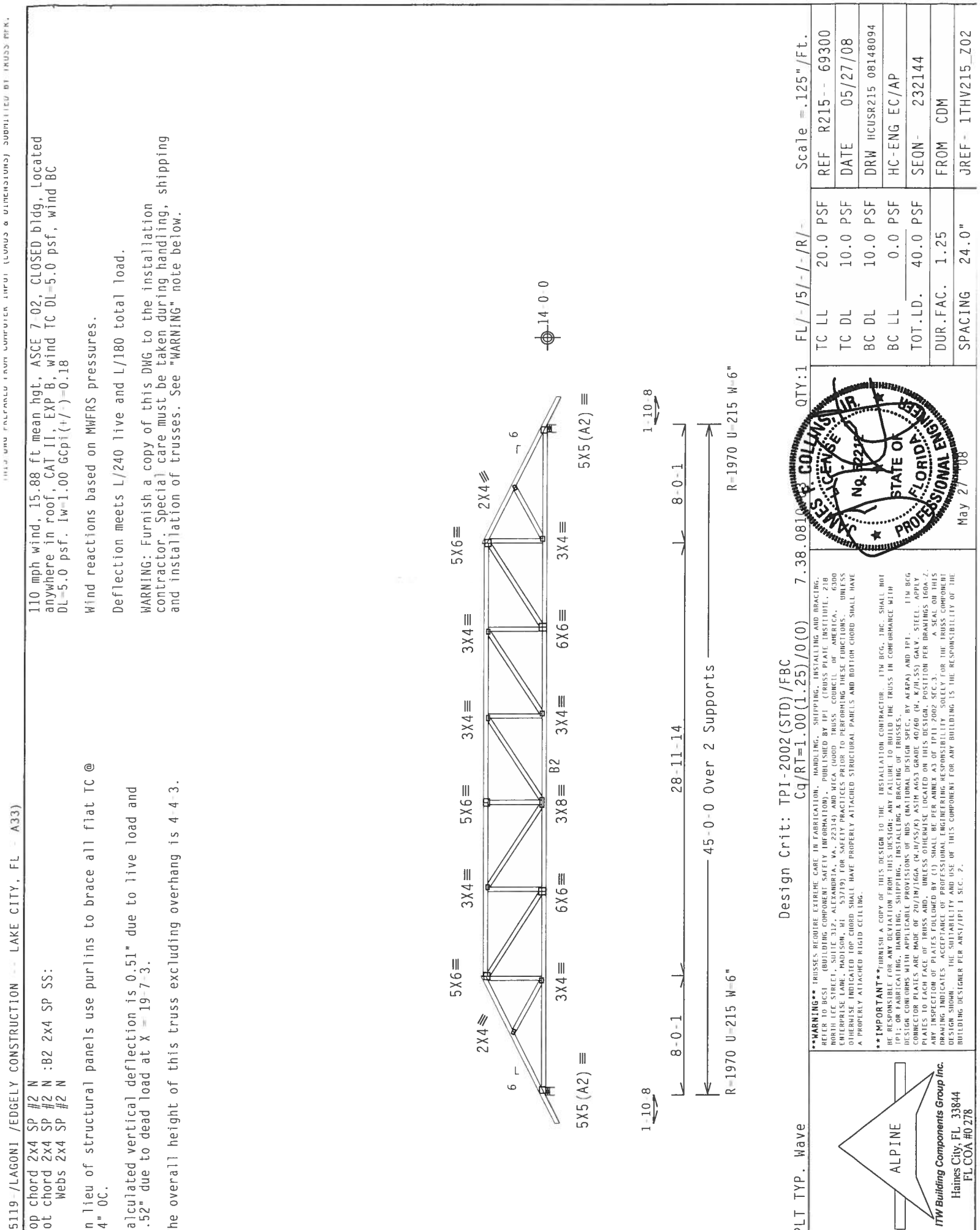
QTY:1 FL/-/5/-/-/R/-
Scale = .125" / Ft.

TC LL	20.0 PSF	REF	R215--	69299
TC DL	10.0 PSF	DATE	05/27/08	
BC DL	10.0 PSF	DRW	HCUSR215	08148093
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-	1THV215_Z02	



WARNING TRUSSES REQUIRE EXCLUSIVE CARE IN CARBONIZATION, HANDLING, SHIPPING, INSTALLING AND BRACING. ALL TRUSSES MUST BE PROTECTED FROM WEATHER AND MOISTURE. PROHIBITION BY 171. TRUSSING INSTITUTION, 2101 NORTH LEE ROAD, SUITE 312, ALEXANDRIA, VA, 22314 AND NCA, 4000 TRUSS, CORRELL, OH, AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED RIGID CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CHORDS.

[illegible]



(5119-/LAGONI /EDGELEY CONSTRUCTION -- LAKE CITY, FL - A33)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N :B2 2x4 SP SS:
Webs 2x4 SP #2 N

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

Calculated vertical deflection is 0.51" due to live load and 0.52" due to dead load at X = 19-7 3.

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

110 mph wind, 15.88 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.

THIS DWG FULFILLS THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC) AND THE FLORIDA STRUCTURAL CODE (FSC) AS APPLIED TO THE DESIGN OF TRUSSES.

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

Scale = .125"/Ft.

PLT TYP. Wave

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

Scale = .125"/Ft.

REF R215 -- 69300

DATE 05/27/08

DRW HCUSR215 08148094

HC-ENG EC/AP

SEQN - 232144

FROM CDM

JREF - 1THV215_Z02

SPACING 24.0"

DUR.FAC. 1.25

TOT.LD. 40.0 PSF

BC LL 0.0 PSF

BC DL 10.0 PSF

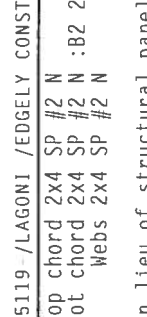
TC DL 10.0 PSF

TC LL 20.0 PSF

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

May 27 '08

James S. Collins, State of Florida, Professional Engineer, No. 8223



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

(5119- /LAGONI /EDGELEY CONSTRUCTION -- LAKE CITY, FL - A34)

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

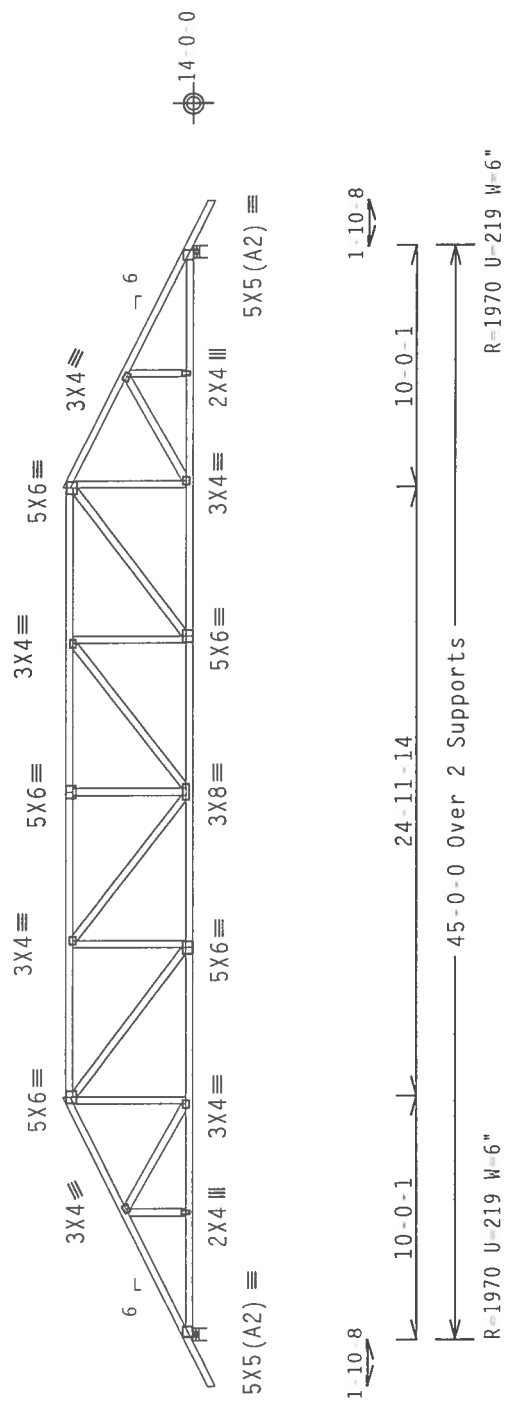
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Wind reactions based on MWFRS pressures.

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

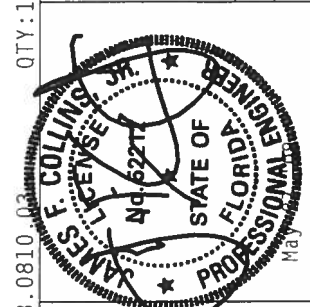
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

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



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

TC LL	20.0 PSF	REF	R215 -- 69301
TC DL	10.0 PSF	DATE	05/27/08
BC DL	10.0 PSF	DRW	HCUSR215 08148065
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	1THV215 Z02



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DESIGN (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY TPI TRUSS PLANT INSTITUTION, 2710 ENTERPRISE LANE, MADISON, WI 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

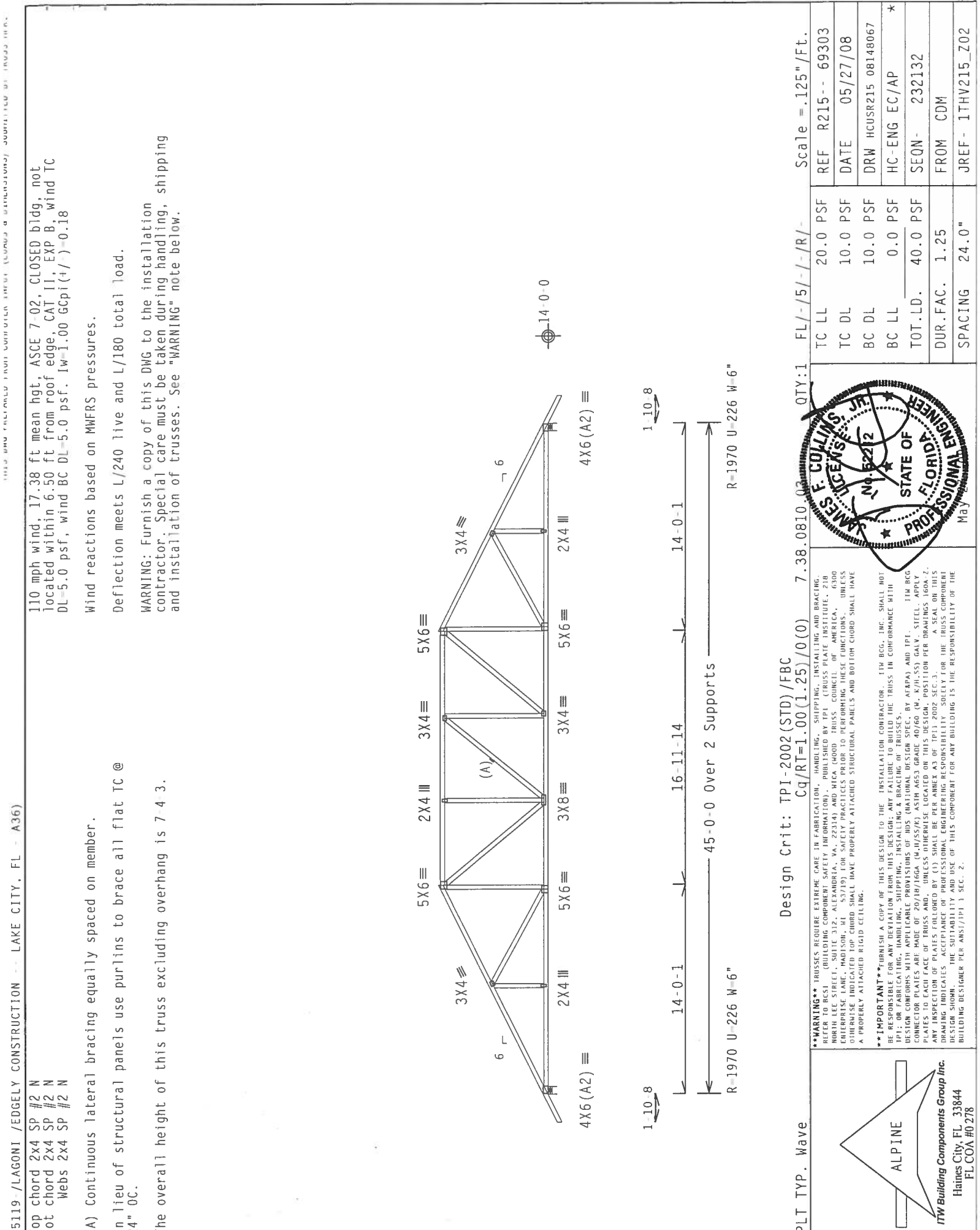
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI'S OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY ACPA) AND TPI. CONNECTOR PLATES ARE MADE OF 70/18/16GA (W-H/SS/P) ASTM A653 GRADE 40/60 (W, K/H/SS) GALV. SILEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

PLT TYP. Wave

QTY: 1

Scale = .125"/Ft.



110 mph wind, 17.38 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. lw=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.

(A) Continuous lateral bracing equally spaced on member.

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

The overall height of this truss excluding overhang is 7' 4 3/8".

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) 7.38.0810.03

Scale = .125"/Ft.

PLT TYP. Wave

REF R215 - - 69303
DATE 05/27/08
DRW HCUSR215 08148067
HC-ENG EC/AP
SEQN- 232132
FROM CDM
JREF- 1THV215_Z02

110.8
14-0-1
16-11-14
45-0-0 Over 2 Supports
R-1970 U-226 W-6"

110.8
14-0-1
16-11-14
45-0-0 Over 2 Supports
R-1970 U-226 W-6"

110.8
14-0-1
16-11-14
45-0-0 Over 2 Supports
R-1970 U-226 W-6"

110.8
14-0-1
16-11-14
45-0-0 Over 2 Supports
R-1970 U-226 W-6"

110.8
14-0-1
16-11-14
45-0-0 Over 2 Supports
R-1970 U-226 W-6"

110.8
14-0-1
16-11-14
45-0-0 Over 2 Supports
R-1970 U-226 W-6"

110.8
14-0-1
16-11-14
45-0-0 Over 2 Supports
R-1970 U-226 W-6"

110.8
14-0-1
16-11-14
45-0-0 Over 2 Supports
R-1970 U-226 W-6"

110.8
14-0-1
16-11-14
45-0-0 Over 2 Supports
R-1970 U-226 W-6"

110.8
14-0-1
16-11-14
45-0-0 Over 2 Supports
R-1970 U-226 W-6"

110.8
14-0-1
16-11-14
45-0-0 Over 2 Supports
R-1970 U-226 W-6"

110.8
14-0-1
16-11-14
45-0-0 Over 2 Supports
R-1970 U-226 W-6"

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

110 mph wind, 17.88 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. $I_w=1.00$ GCPI(z)=0.18

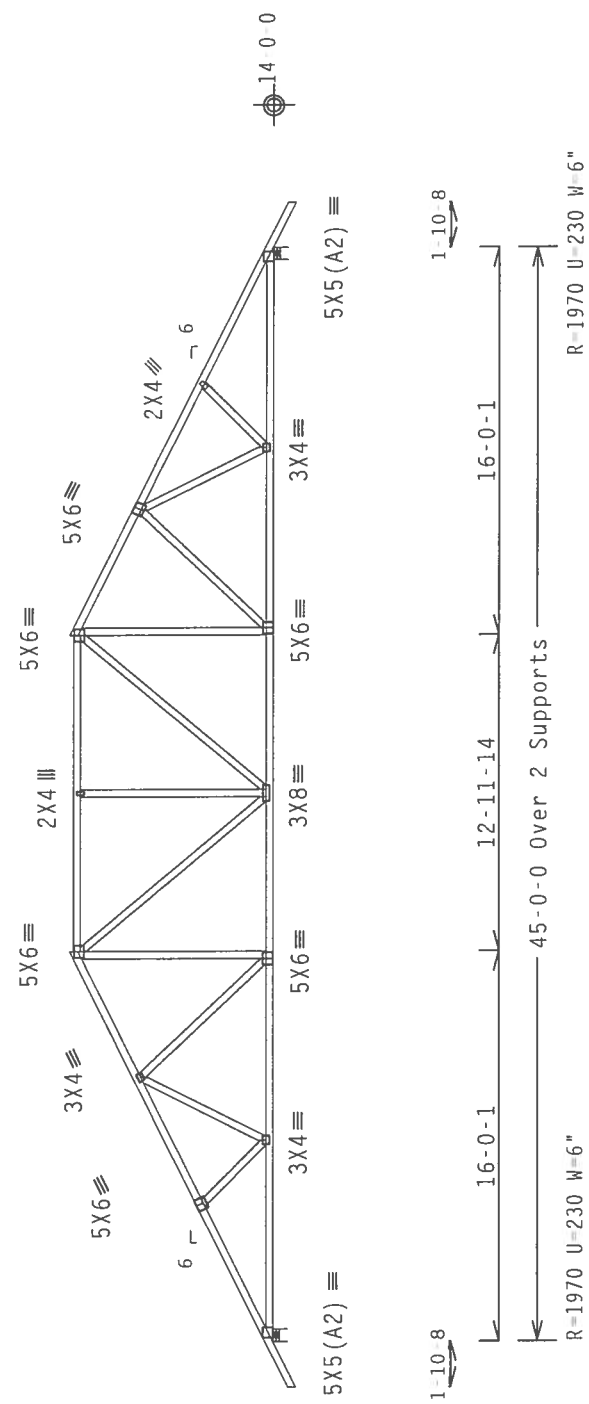
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

Wind reactions based on MWFRS pressures.

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

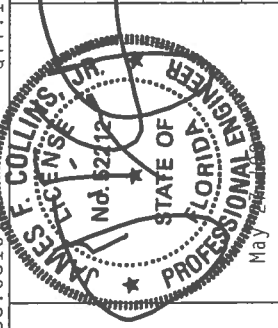
The overall height of this truss excluding overhang is 8-4 3/4.



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

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

TC LL	20.0	PSF	REF	R215 -	69304
TC DL	10.0	PSF	DATE	05/27/08	
BC DL	10.0	PSF	DRW	HCUR215	08148068
BC LL	0.0	PSF	HC-ENG	EC/AP	*
TOT.LD.	40.0	PSF	SEQN-	232128	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1THV215_Z02	

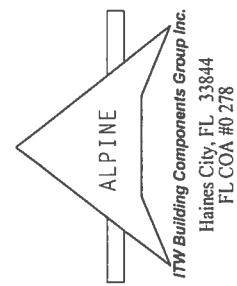


****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUSHING COMPONENT SYSTEM INFORMATION), PUBLISHED BY TPI (TRUSS PILE INSTITUTE, 218 MILL LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304) AND WEA (WOOD TRUSS COUNCIL OF AMERICA, 6300 WEST 9TH AVE, BOULDER, CO, 80501, 303/440-3275) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE SPECIFIED, ALL MATERIALS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOLTS CORROD SIMILAR TO A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** THROUGH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR, THE RIG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO THE TRUSS IN COMPLIANCE WITH TPI FOR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN COMPLIES WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA) AND TPI 11W RIG CONNECTOR COMBS ARE MADE OF 20/10/18 GA. (H/55/P) ASTM A563 GRADE 40/60 (W. K/HS) GALV., STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMT A3 OF TPI 2002 SEC. 3.

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SATISFACTORY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMST/PTI 1 SEC. 2.



5119-/LAGONI /EDGELY CONSTRUCTION -- LAKE CITY, FL - A38)

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 9' 4" 3.

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.

PLT TYP. Wave

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

7.38.0810

QTY: 1

FL/5/-/-/R/-

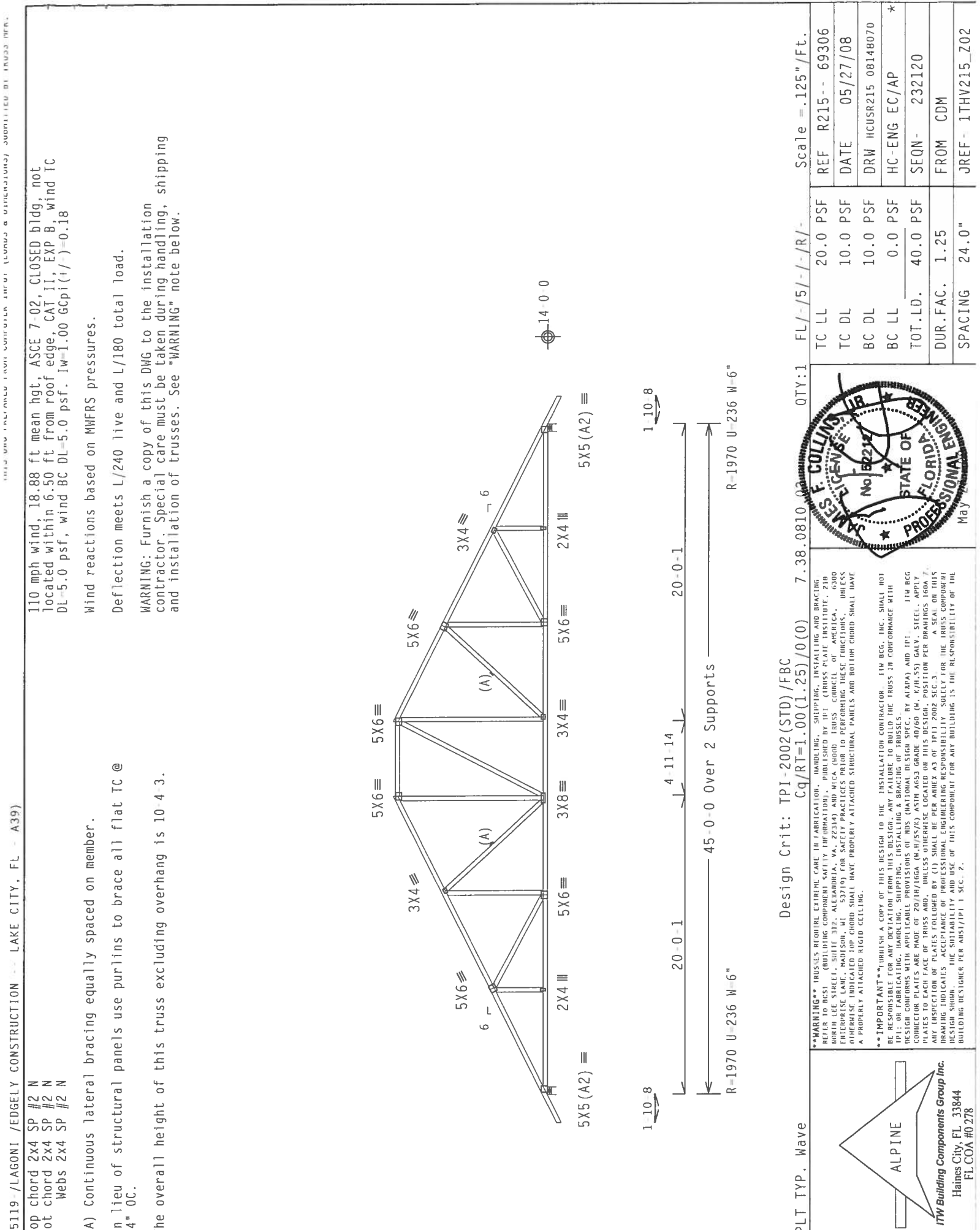
Scale = .125"/Ft.

TC LL	20.0 PSF	REF	R215 - -	69305
TC DL	10.0 PSF	DATE	05/27/08	
BC DL	10.0 PSF	DRW	HCUSR215	08148069
BC LL	0.0 PSF	HC-ENG	EC/AP	*
TOT.LD.	40.0 PSF	SEQN -	232124	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1THV215_Z02	

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI - CROSS PLATE INSTITUTE, 218 ENTERPRISE LANE, MADISON, MI 48061-1571, 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. ITH 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 905 (NATIONAL DESIGN SPEC., BY AISC) AND TPI. ITH BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (M-11/55X) ASTM A653 GRADE 40/60 (M- K/H-55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES THE ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGNATION. THE SUBMITTAL AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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



(5119-/LAGONI /EDGELY CONSTRUCTION -- LAKE CITY, FL - A39)
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 IC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCPI(+/-)=0.18

Wind reactions based on MWFRS pressures.
Deflection meets L/240 live and L/180 total load.

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.

(A) Continuous lateral bracing equally spaced on member.

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

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.38.0810 0.00

Scale = .125"/Ft.

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

REF R215 - - 69306

DATE 05/27/08

DRW HCUR215 08148070

HC-ENG EC/AP

SEQN - 232120

FROM CDM

JREF - 1THV215_Z02

SPACING 24.0"

DUR.FAC. 1.25

TOT.LD. 40.0 PSF

BC LL 0.0 PSF

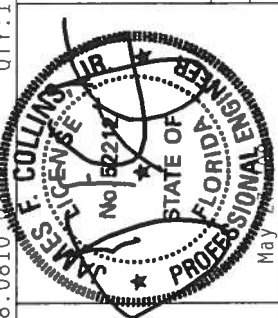
BC DL 10.0 PSF

TC DL 10.0 PSF

TC LL 20.0 PSF

ALPINE

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



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RETURN TO DESIGNER FOR BUILDING COMPONENT SAFETY INFORMATION. PUBLISHED BY TPI CROSS PLATE INSTITUTE, 210 WEST 1ST STREET, ALBANY, NY 12206. (518) 486-1111. ALL TRUSSES ARE DESIGNED TO BE USED IN CONFORMANCE WITH THE TPI-2002(STD) DESIGN CRITERIA. 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 DESIGNER SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-2002(STD) DESIGN CRITERIA, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AIA/PSA) AND TPI-2002(STD) DESIGN CRITERIA. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEX A3 OF TPI 2002 SEC. 3.

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

110 mph wind, 19.35 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 lw=1.00 GCpi(1/-)=0.18

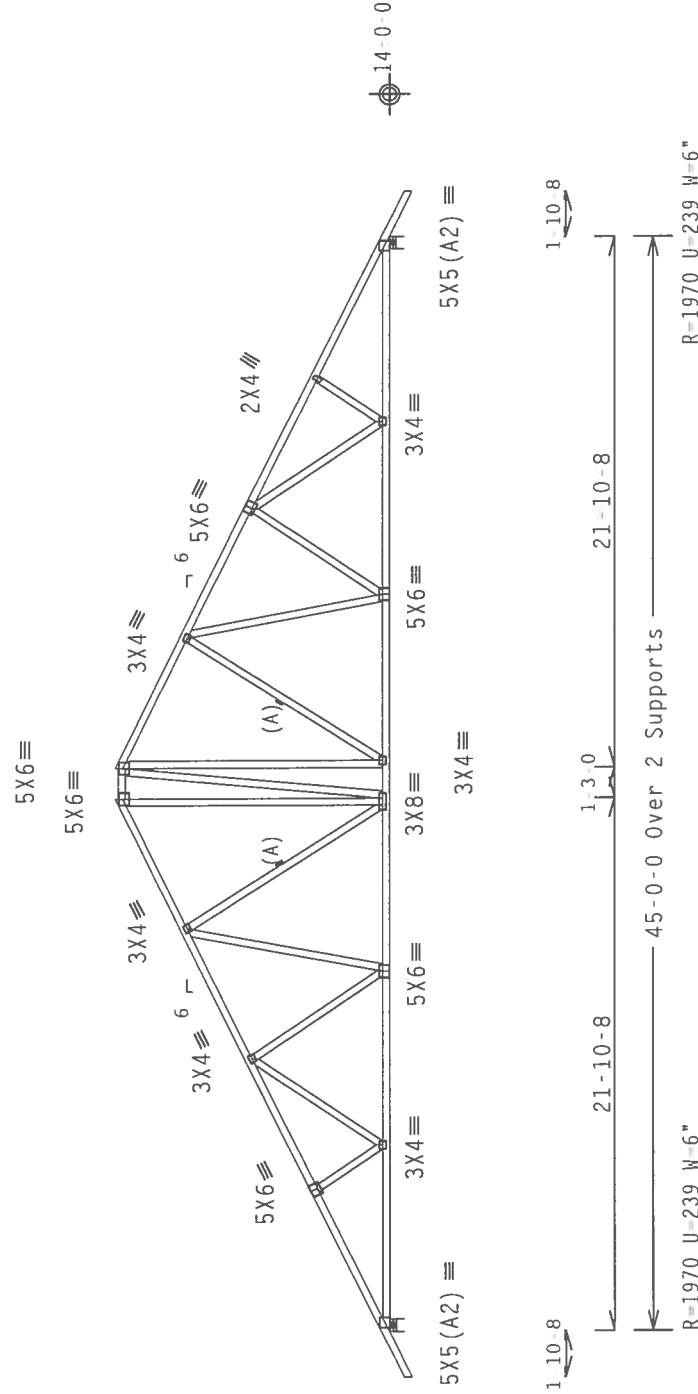
(A) Continuous lateral bracing equally spaced on member.

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

The overall height of this truss excluding overhang is 113.7.

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)

PLT TYP. Wave

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

REF B215-- 69307

TC 11	20.0 PSE
-------	----------

STANLEY COLLINS

3. INSTALLING AND BRACING.

IN FABRICATION, HANDLING, SHIP-
MENT, AND STORAGE OF THE CRYSTALS

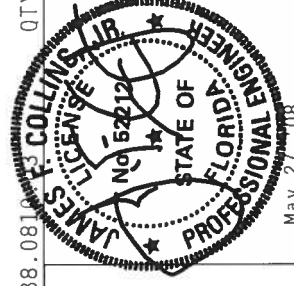
TRAINING ★ TRUSSES REQUIRE EXTREME

--	--

11



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

[illegible][illegible]

May 27/08

op chord 2x4 SP #2 N
ot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

A) Continuous lateral bracing equally spaced on member.
n lieu of structural panels use purlins to brace all flat TC @
4" OC.

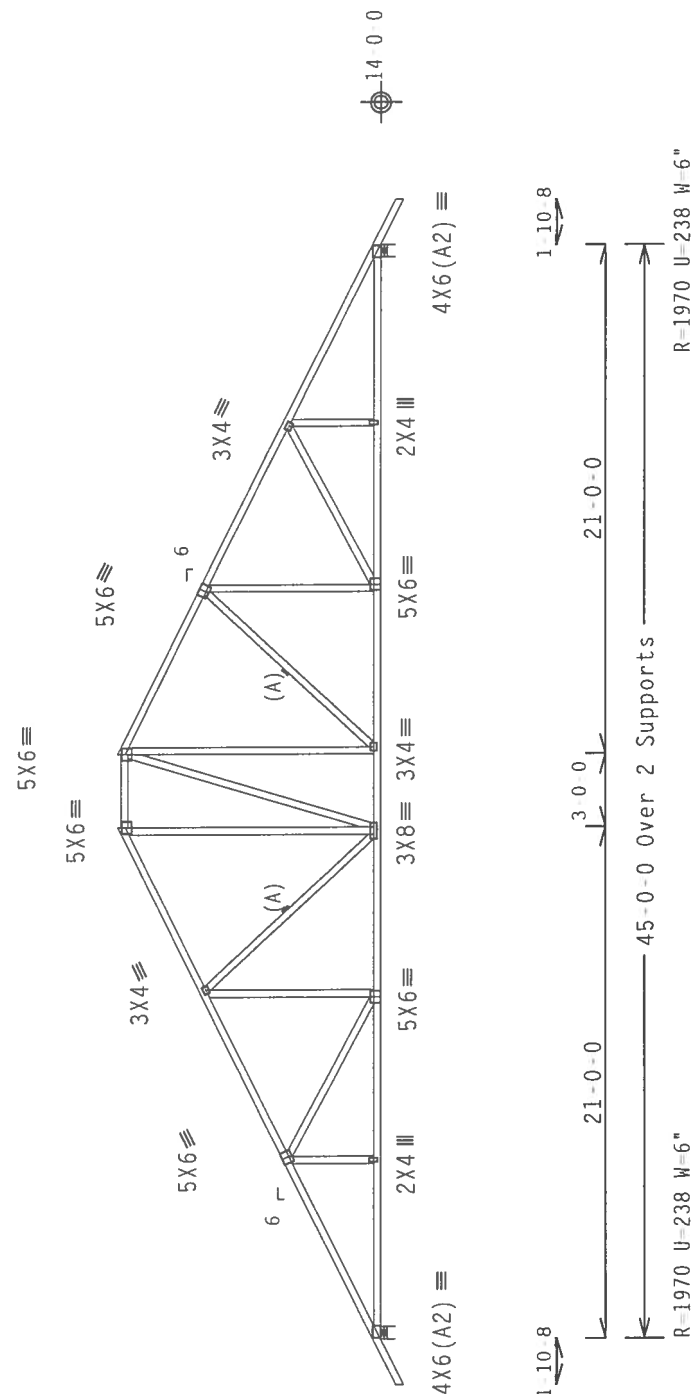
he overall height of this truss excluding overhang is 10-10 3.

110 mph wind, 19.13 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. $I_w=1.00$ $G_{CPI}(z)=0.18$

Wind reactions based on MMFRS 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) 7.38.0810 QTY:1 FL/-5/-/R/- Scale =.125"/Ft.

ALPINE

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

REF	R215 -	69308
DATE	05/27/08	
DRW	HCUSR215	08148072
HC-ENG	EC/AP	*
SEQN	232112	
FROM	CDM	
JREF	1THV215	Z02

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.

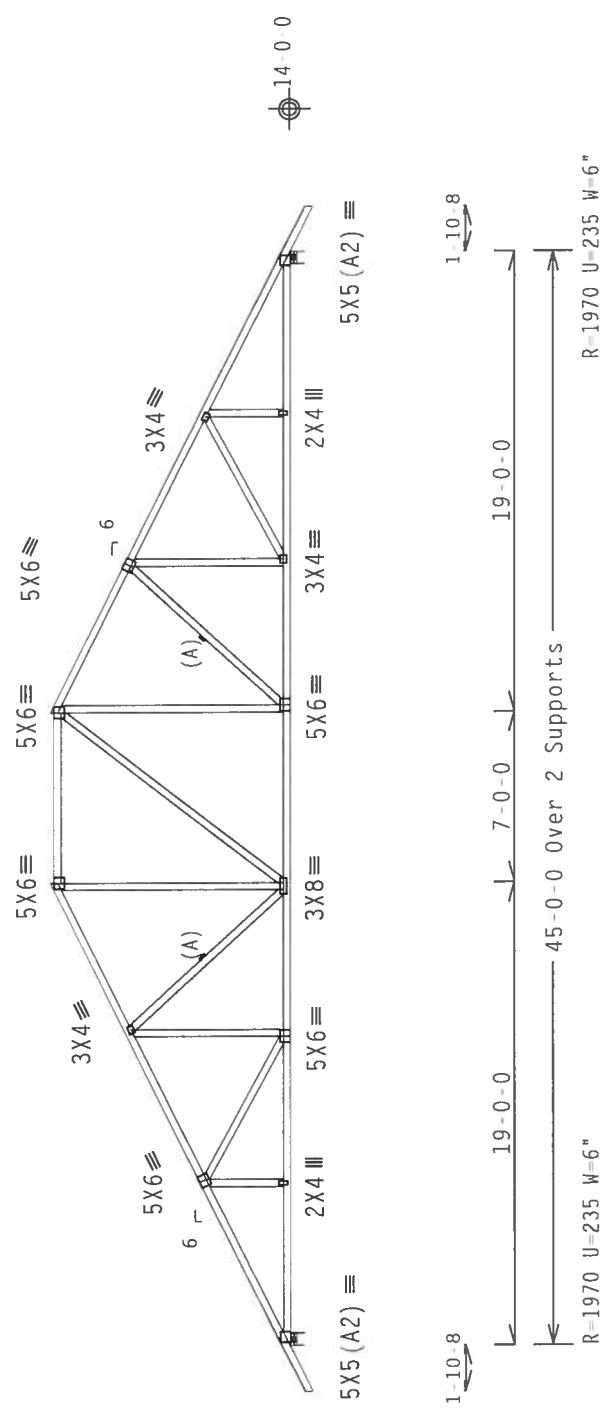
The overall height of this truss excluding overhang is 9-10-3.

110 mph wind, 18.63 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

Wind reactions based on MWFRS pressures.

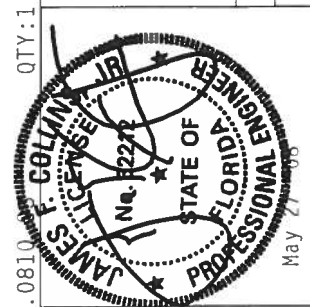
Deflection meets L/240 live and L/180 total load.

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) 7.38.0810

TC LL	20.0 PSF	REF	R215--	69309
TC DL	10.0 PSF	DATE	05/27/08	
BC DL	10.0 PSF	DRW	HCUSR215	08148073
BC LL	0.0 PSF	HC-ENG	EC/AP	*
TOT.LD.	40.0 PSF	SEON	232108	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF	1THV215_Z02	



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSTI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314) AND AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC., 500 N. MEEKS AVE., PITTSBURGH, PA 15222) FOR ADDITIONAL INFORMATION. THE TRUSS MANUFACTURER 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 AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI. THE BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (N-H/55/K) ASTM A653 GRADE 40/60 (4, 5/16-55) 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 ANNEX A3 OF TPI 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

PLT TYP. Wave

op chord 2x4 SP #2 N
bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

110 mph wind, 18.13 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. $I_w=1.00$ Gcpl(+/-)=0.18

A) Continuous lateral bracing equally spaced on member.

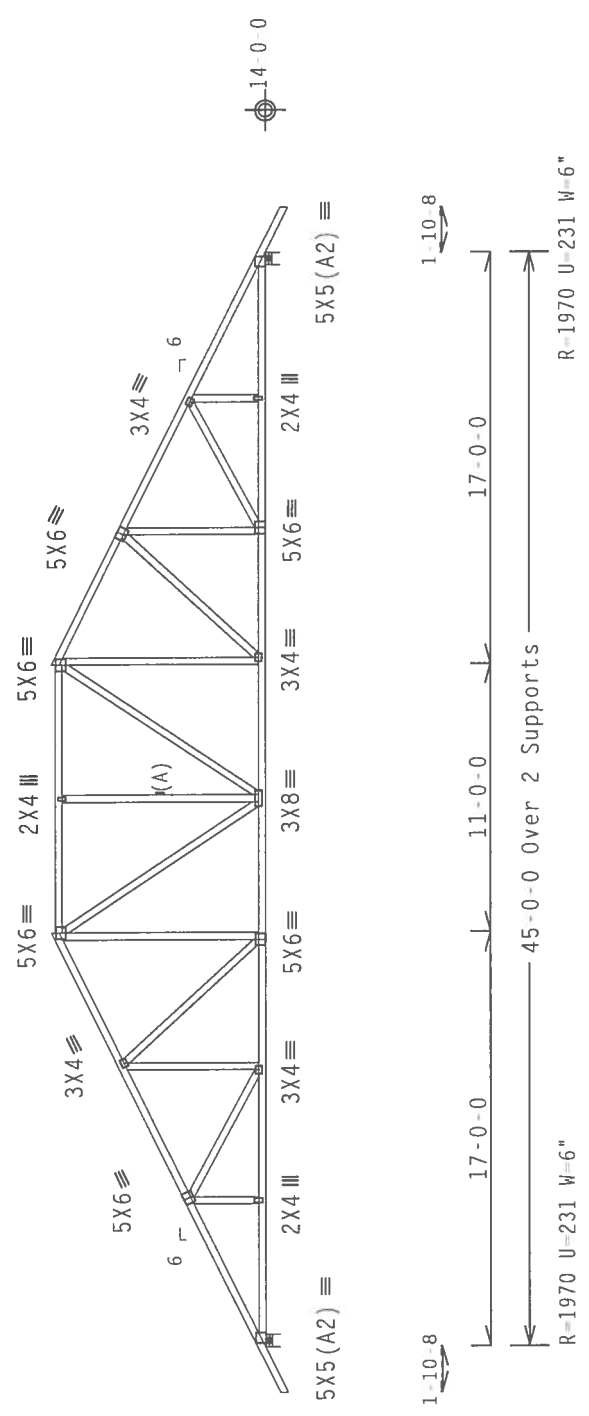
Wind reactions based on MMFRS pressures.

n lieu of structural panels use purlins to brace all flat TC @ 4' OC.

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

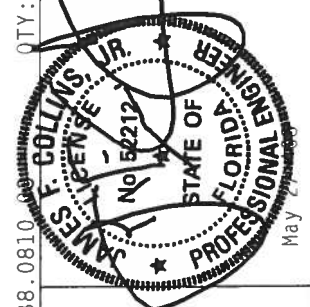
he overall height of this truss excluding overhang is 8-10 3.

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



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

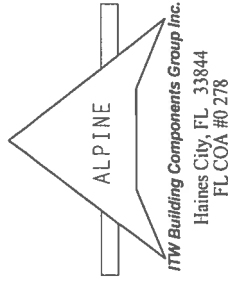
QTY: 1	FL: -/5/-/-/R/-	Scale = .125"/Ft.
REF	R215 -	69310
DATE	05/27/08	
DRW	HCUSR215	08148074
HC-ENG	EC/AP	*
SEQN	232104	
FROM	CDM	
JREF	1THV215_Z02	



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RETR TO BCSTI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314, AND/OR AIA (AMERICAN INSTITUTE OF ARCHITECTS), 1735 N. MICHIGAN AVE., SUITE 1000, CHICAGO, IL 60610, FOR SAFETY PRECAUTIONS TO PREVENT 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 THE DESIGN SHALL BE THE RESPONSIBILITY OF 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 SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR.

DESIGN COMPLIANCE WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC., BY AISC) AND TPI (11th BCG CONNECTOR PLATES ARE MADE OF 20/10/10GA (M/J/55X) ASTM A653 GRADE 40/60 (M, V/H-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT 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.



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

A) Continuous lateral bracing equally spaced on member.

n lieu of structural panels use purlins to brace all flat TC @
'4" OC.

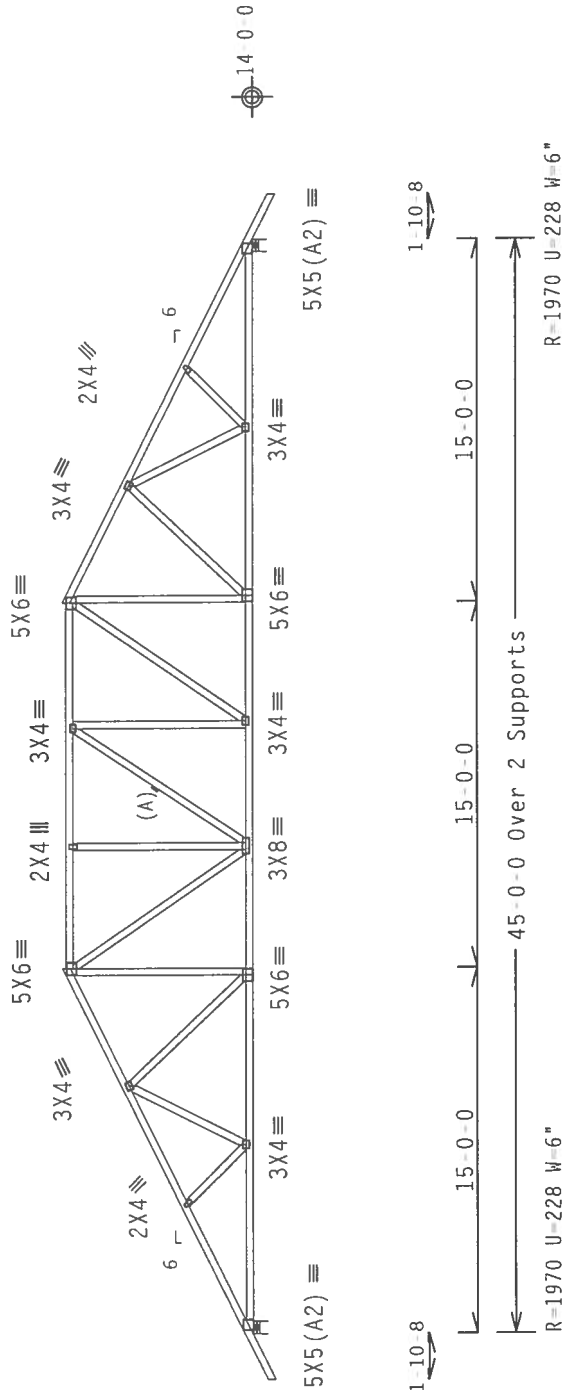
he overall height of this truss excluding overhang is 7-10 3.

110 mph wind, 17.63 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

Wind reactions based on MMFRS 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)

PLT TYP. Wave

7.38.08100 F. COLLINS

QTY: 1

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

Scale = .125"/Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION. PUBLISHED BY TPI. (CROSS PLATE INSTITUTE, 2100 INDUSTRIAL LANE, MADISON, MI 48061) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AITPA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/10/16GA (N-10/55X) ASTM A653 GRADE 40/60 (M. K/H-55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A.2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE

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

JAMES F. COLLINS
No. 57212
STATE OF FLORIDA
PROFESSIONAL ENGINEER
May 27 '08

TC LL	20.0 PSF	REF	R215 -	69311
TC DL	10.0 PSF	DATE	05/27/08	
BC DL	10.0 PSF	DRW	HCUSR215	08148075
BC LL	0.0 PSF	HC-ENG	EC/AP	*
TOT.LD.	40.0 PSF	SEON -	232100	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF -	1THV215_Z02	

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

A) Continuous lateral bracing equally spaced on member.

n lieu of structural panels use purlins to brace all flat TC @
4" OC.

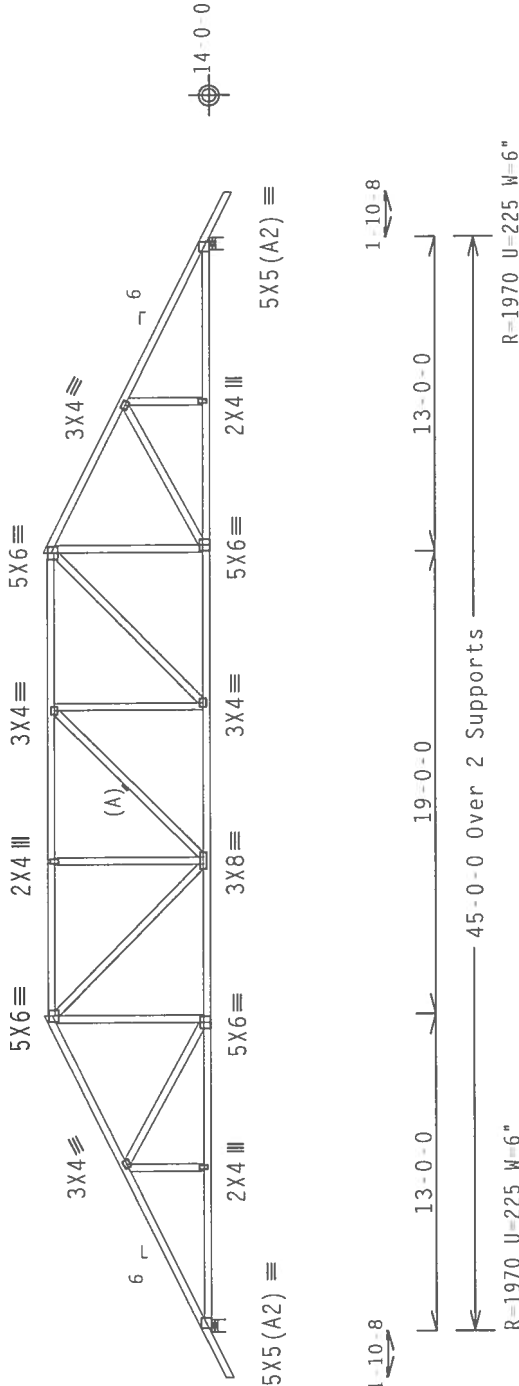
he overall height of this truss excluding overhang is 6-10-3.

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. lw=1.00 GCpl(1/-)=0.18

Wind reactions based on MMFRS pressures.

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

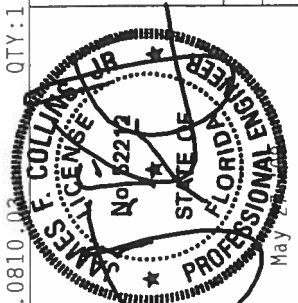
WARNING: Furnish a copy of this DWG to the installation
contractor. Special care must be taken during handling, shipping
and installation of trusses. See "WARNING" note below.



Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/0(0) 7.38.0810.03 QTY: 1 FL/-/5/-/-/R/- Scale = .125"/Ft.

TC LL	20.0 PSF	REF	R215 - 69312
TC DL	10.0 PSF	DATE	05/27/08
BC DL	10.0 PSF	DRW	HCUSR215 08148076
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-	1THV215_Z02

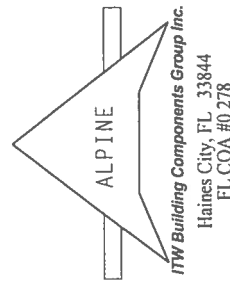


WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLATION AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION. PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND NCA (NORTH CAROLINA ASSOCIATION OF TRUSS MANUFACTURERS, 1000 CENTRE STREET, SUITE 312, ALEXANDRIA, VA, 22314). TRUSS MANUFACTURERS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT UNLESS A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR, THE CONTRACTOR 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 NDS (NATIONAL DESIGN SPEC. BY AIA/PA) AND TPI. 1TH BCG CONNECTION PLATES ARE MADE OF 20/18/16GA (N/55/2) ASH A653 GRADE 40/60 (N, K/H-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 ANNEX A3 OF TPI 2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

PLT TYP. Wave



op chord 2x4 SP #2 N
ot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

n lieu of structural panels use purlins to brace all flat TC @ 4" OC.

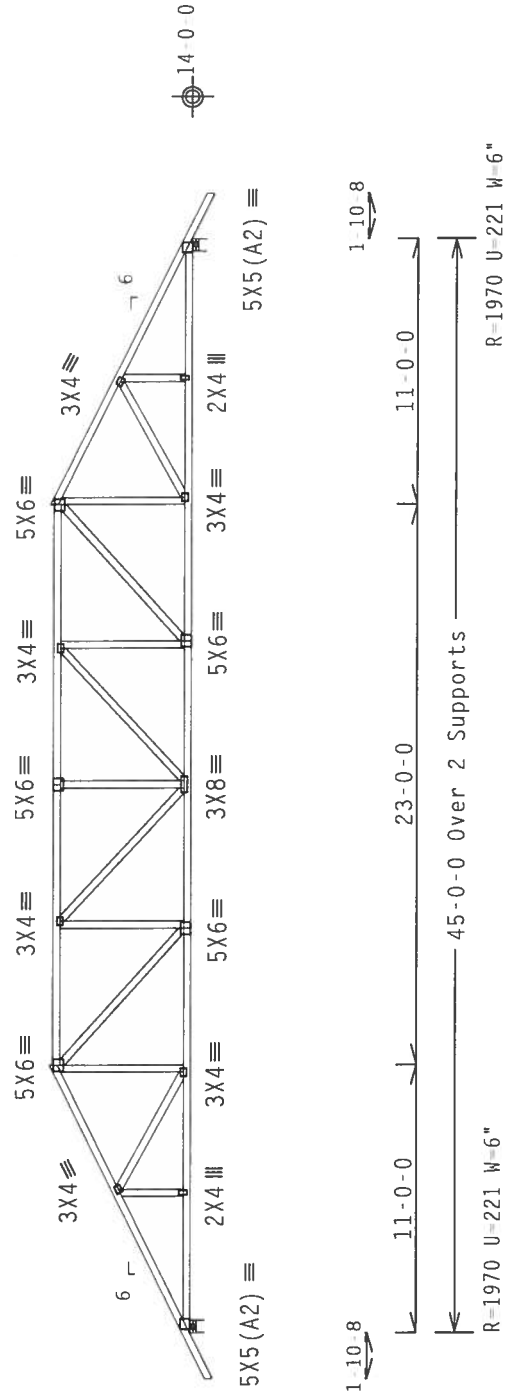
ARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

110 mph wind, 16.63 ft mean htg, 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. $1w=1.00 G_{cp}(1/)=0.18$

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 5-10 3.



ALPINE

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

LT TYP. Wave

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

7.38.0810

Scale = .125"/Ft.

QTY:1

TC LL	20.0 PSF	REF	R215 - -	69313
TC DL	10.0 PSF	DATE	05/27/08	
BC DL	10.0 PSF	DRW	HCUSR215	08148077
BC LL	0.0 PSF	HC-ENG	EC/AP	*
TOT.LD.	40.0 PSF	SEQN	232092	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF	1THV215	Z02

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THE USER MUST FOLLOW THE INSTRUCTIONS AND SAFETY INFORMATION PROVIDED BY THE MANUFACTURER. THE USER SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND BRACING OF THE TRUSSES. THE USER SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND BRACING OF THE TRUSSES. THE USER SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND BRACING OF THE TRUSSES.

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

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

ot chord 2x4 SP #2 N

Webs 2x4 SP #2 N

n lieu of structural panels use purlins to brace all flat TC @ 4" OC.

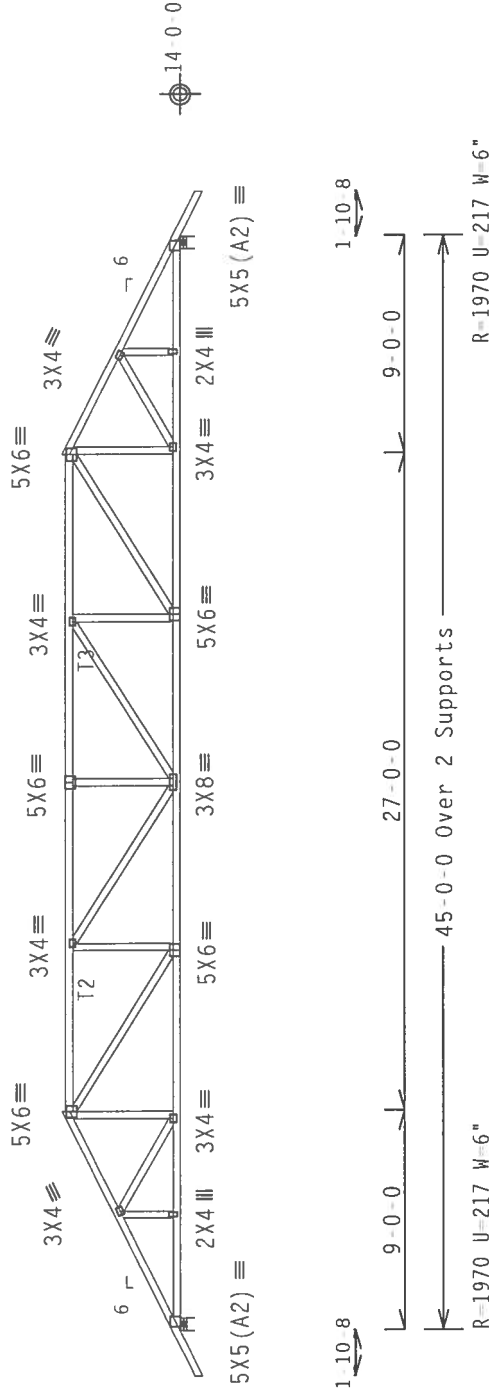
ARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

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 DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ Gcpi(+/-)=0.18

Wind reactions based on MMFRS pressures.

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

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



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

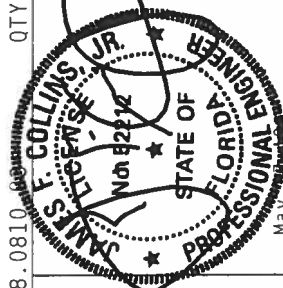
QTY: 1	FL / - / 5 / - / - / R / -	Scale = .125" / Ft.
REF	R215 -	69314
DATE	05/27/08	
DRW	HCUSR215	08148078
HC-ENG	EC/AP	*
SEQN	232088	
FROM	CDM	
JREF	1THV215_Z02	

PLT TYP. Wave



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH STREET, SUITE 312, ALEXANDRIA, VA 22304) FOR A COMPLETE LIST OF TRUSS MANUFACTURERS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (M. K/H-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



op chord 2x4 SP #2 N :T2, T3 2x6 SP #2 N:
ot chord 2x6 SP #2 N :B2 2x6 SP SS:
Webs 2x4 SP #2 N

10 mph wind, 15.63 ft mean hgt, ASCE 7-02, CLOSED bldg, Located
nywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC
L=5.0 psf. lw=1.00 GCpi(+/-)=0.18

ind reactions based on MWFRS pressures.

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

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

ARNING: Furnish a copy of this DWG to the installation
ontractor. Special care must be taken during handling, shipping
nd 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.

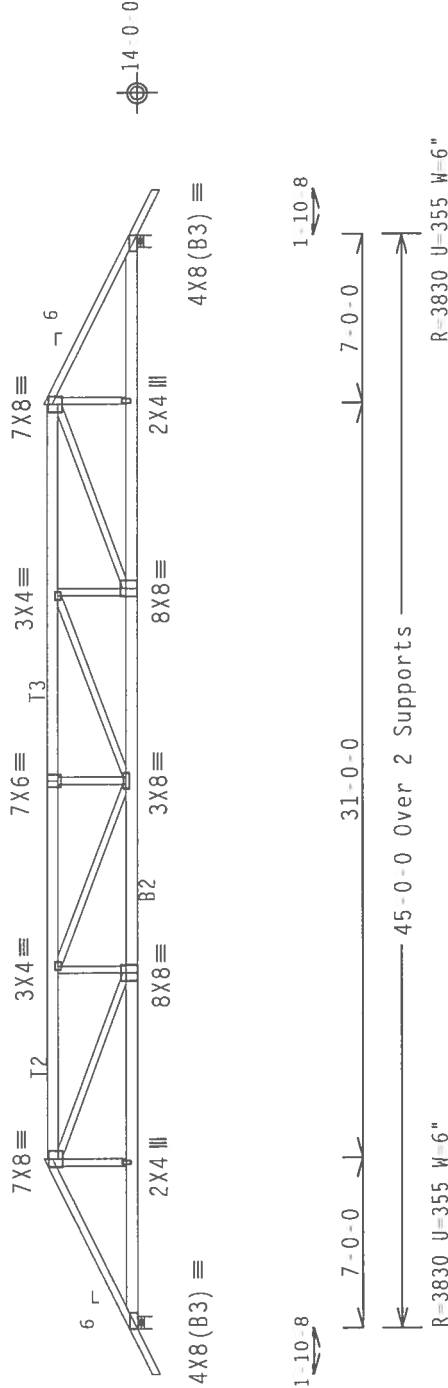
Webs : 1 Row @ 4" O.C.

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.

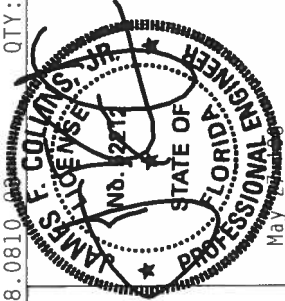
Calculated vertical deflection is 0.53" due to live load and
0.57" due to dead load at X = 22'-6.0".

The overall height of this truss excluding overhang is 3'-10.3".



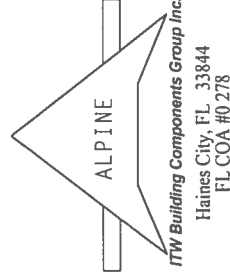
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0)

QTY: 1	FL / - / 5 / - / R / -	Scale = .125" / Ft.
TC LL	20.0 PSF	REF R215 - 69315
TC DL	10.0 PSF	DATE 05/27/08
BC DL	10.0 PSF	DRW HCUSR215 08148095
BC LL	0.0 PSF	HC-ENG EC/AP
TOT.LD.	40.0 PSF	SEQN - 232239
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF - 1THV215_Z02

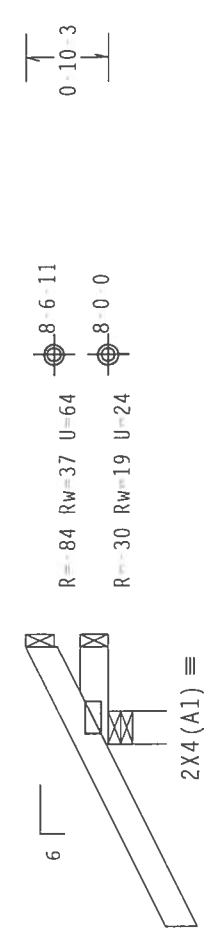


WARNING TRUSSES REQUIRING EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLATION AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION. PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314) AND WPCA (WOOD PRODUCT ASSOCIATION, 1000 WOODBURN AVENUE, SUITE 100, WOODBURN, NJ 07095). 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 A BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AIA/AIA) AND TPI. 1TH BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W.H/55/K) ASH A653 GRADE 40/60 (M. K/H-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. SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISI/TPI 1 SEC. 2.



op 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. $1w=1.00$ GCpi (+/-) = 0.18
ot chord 2x4 SP #2 N	
reflection meets L/240 live and L/180 total load.	Wind reactions based on MWFRS pressures.
he overall height of this truss excluding overhang is 0-10-3.	



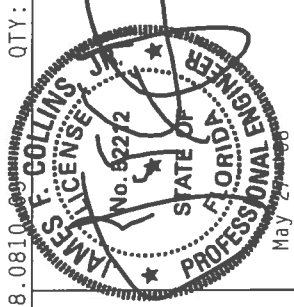
$\overleftarrow{1-10-8}$
 $1\ 0\ 0$ Over 3 Supports
 $R=313\ U=73\ W=4^*$

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

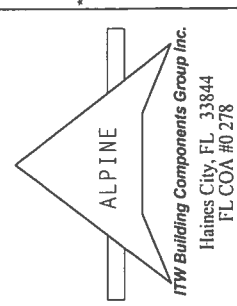
7.38.0810 QTY:1 FL / - / 5 / - / - / R / - Scale = .5" / Ft.

****WARNING**** TRUSSES BEHIND EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION. PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304) AND WCA (WOOD TRUSS COMPANY OF AMERICA, 6100 ENTERPRISE LANE, MADISON, MI 48137) 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 CING.

****IMPORTANT****TURKISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH IPT- OR FABRICATING, HANDLING, SHIPPING & BRACING OF TRUSSES. ALL TRUSSING SHALL BE DESIGNED AND MANUFACTURED IN ACCORDANCE WITH THE REQUIREMENTS OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC. (AISC) 360-10. ALL TRUSSING SHALL BE MADE OF 20X18X1/2 A572 F508 GRADE 40960 IN KILN DRY STEEL APPLIED PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A.2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A.3 OF IPTI 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT LISTED SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANTI/IPTI 1 SEC. 2.



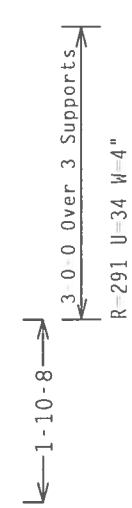
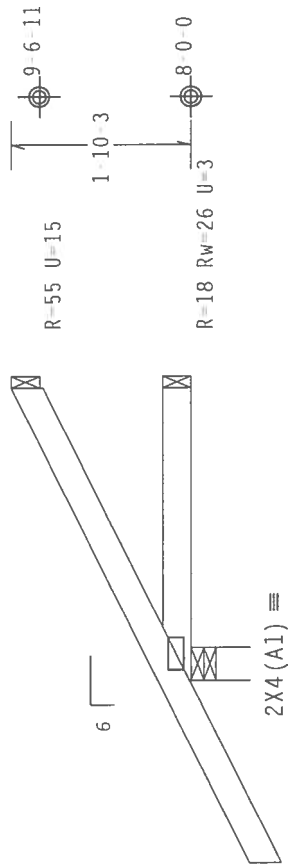
TC LL	20.0	PSF	REF	R215 -	69316
TC DL	10.0	PSF	DATE	05/27/08	
BC DL	10.0	PSF	DRW	HCUSR215	08148096
BC LL	0.0	PSF	HC-ENG	EC/AP	
TOT.LD.	40.0	PSF	SEON-	232060	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1THV215_Z02	



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

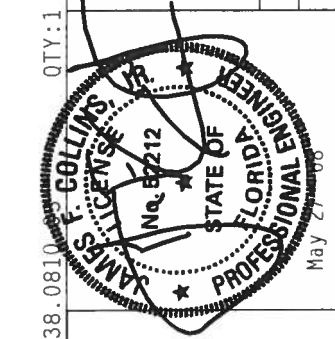
op chord 2x4 SP #2 N
ot chord 2x4 SP #2 N
eflection meets L/240 live and L/180 total load.
he overall height of this truss excluding overhang is 1-10 3.

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
Wind reactions based on MMFRS pressures.



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

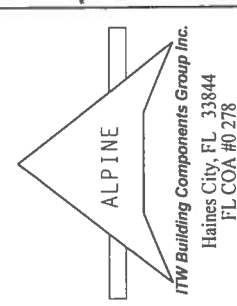
QTY: 1	FL / - / 5 / - / - / R / -	Scale = .5" / Ft.
REF	R215 - -	69317
DATE	05 / 27 / 08	
DRW	HCU215	08148079
HC-ENG	EC / AP	*
SEON	232067	
FROM	CDM	
JREF	1THV215	Z02



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSE (BUILDING COMPONENT SAFETY INFORMATION) - PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WICK (WOOD TRUSS CONDUCT OF AMERICA, 6300 ENTERPRISE LANE, HADISON, OHIO 43031) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE ACTIVITIES. UNLESS OTHERWISE SPECIFIED, ALL TRUSSES SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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

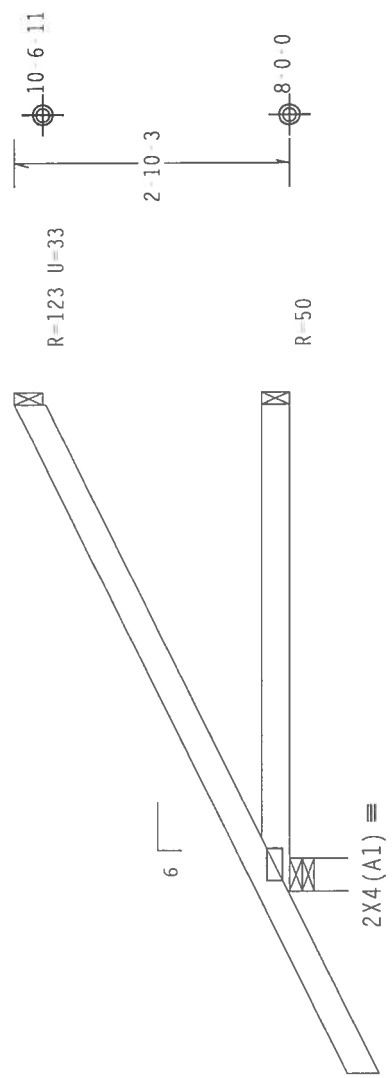
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC., BY AREA) AND TPI. 1TH BCG CONNECTOR PLATES ARE MADE OF 20/10/10GA (W/H/55/8) ASTM A653 GRADE 40/60 (M. K/H-55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGNER. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/HPS 1 SEC. 2.



5119-LAGOWI / EDGELY CONSTRUCTION -- LAKE CITY, FL - JC5)

op chord 2x4 SP #2 N
ot chord 2x4 SP #2 N
eflection meets L/240 live and L/180 total load.
he overall height of this truss excluding overhang is 2-10-3.

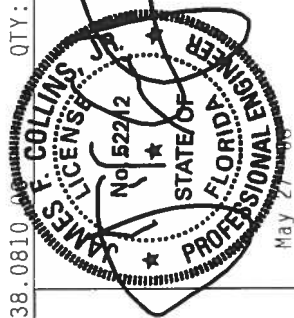
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not
located within 4.50 ft from roof edge, CAT II, EXP B, wind TC
DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi(+/-)=0.18
Wind reactions based on MMFRS pressures.



1-10-8
5-0-0 Over 3 Supports
R=355 U=31 W=4"

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.38.0810 QTY:1 FL/-/5/-/-/R/-

Scale = .5" / Ft.



REF	R215 -	69318
DATE	05/27/08	
DRW	HCUSR215	08148097
HC-ENG	EC/AP	
SEQN	232070	
FROM	CDM	
JREF	1THV215_Z02	

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND HCA (HOOD TRUSS COMPANY OF AMERICA, 6100 ENTERPRISE LANE, PADISON, MD, 52719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** UNLESS A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR, ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO THE TRUSS OR TO THE BUILDING. THE TRUSS IS TO BE USED IN CONFORMANCE WITH THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HUD (NATIONAL DESIGN SPEC, BY AIA/AIA) AND TPI. ITW BCG CORRELATES PLATES ARE MADE OF 20/18/16GA (U/H/55/8) ASTM A653 GRADE 40/60 (M, K/H-55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER A3 OF TPI 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE

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

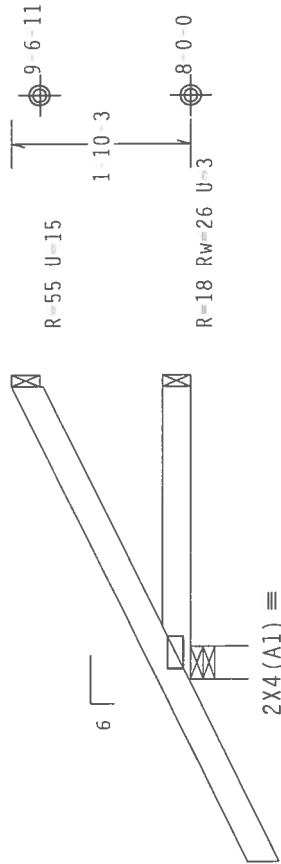
op chord 2x4 SP #2 N
ot chord 2x4 SP #2 N

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

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

Wind reactions based on MWFRS pressures.

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



← 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)

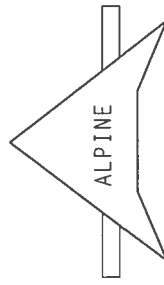
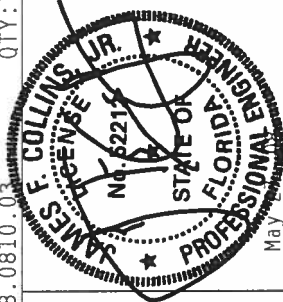
7.38.0810.03

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

PLT TYP. Wave

WARNING: TRUSSES REQUIRE EXPERT CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLATION, AND BRACING. REFER TO BEST AVAILABLE BUILDING COMPONENT SAFETY INFORMATION PUBLISHED BY THE STEEL PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314, AND VITA (WOOD TRUSS COUNCIL OF AMERICA, 6300 FORT LEE LANE, MADISON, WI 53719), FOR SAFETY PRACTICES PERTAINING 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.

TC LL	20.0 PSF	REF	R215 - 69319
TC DL	10.0 PSF	DATE	05/27/08
BC DL	10.0 PSF	DRW	HCUSR215 08148080
BC LL	0.0 PSF	HC-ENG	EC/AP *
TOT.LD.	40.0 PSF	SEQN-	232064
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1THV215_Z02



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

5119-/LAGONI /EDGELY CONSTRUCTION -- LAKE CITY, FL -- JE5)

op chord 2x4 SP #2 N
ot chord 2x4 SP #2 N
eflection meets L/240 live and L/180 total load.
he 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, $I_w=1.00$ Gcpi(+/-)=0.18

Wind reactions based on MMFRS pressures.

6

2X4 (A1)

1-10-8

5-0-0 Over 3 Supports

R=123 U=33

2-10-3

R=50

10-6-11

LT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.38.0810 QTY:1 FL/-/5/-/R/- Scale =.5"/Ft.

TC LL	20.0 PSF	REF	R215 -	69320
TC DL	10.0 PSF	DATE	05/27/08	
BC DL	10.0 PSF	DRW	HCUSR215	08148098
BC LL	0.0 PSF	HC-ENG	EC/AP	
TOT.LD.	40.0 PSF	SEQN -	232080	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF -	1THV215	Z02

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

James F. Collins, Jr.
Professional Engineer
State of Florida
License No. 72512
May 27, 08

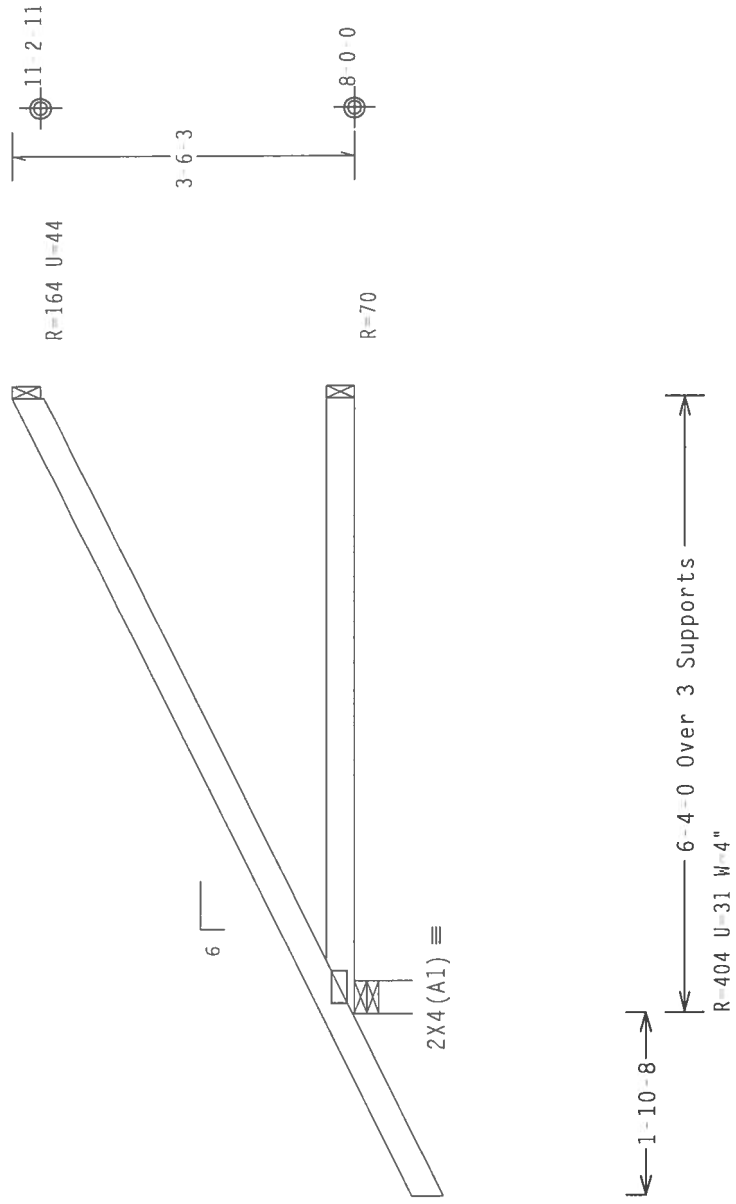
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 WINTER STREET, SUITE 312, ALEXANDRIA, VA 22304), AND AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC., 500 N. MEEKS STREET, SUITE 900, CHICAGO, IL 60610) FOR ADDITIONAL INFORMATION. PERFORMING THE FOLLOWING CHECKS WILL ENSURE THE TRUSS IS FABRICATED AND SHIPPED CORRECTLY. OTHERWISE, INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/P&A) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (H-H/55/K) ASTM A653 GRADE 40/60 (H-K/H-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 SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISI/TPI 1 SEC. 2.

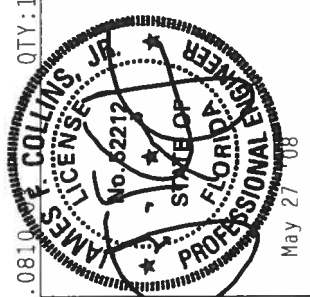
op chord 2x4 SP #2 N
ot chord 2x4 SP #2 N
eflection meets L/240 live and L/180 total load.
he overall height of this truss excluding overhang is 3-6-3.

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. lw=1.00 GCpi(+/-)=0.18
Wind reactions based on MWFRS pressures.



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

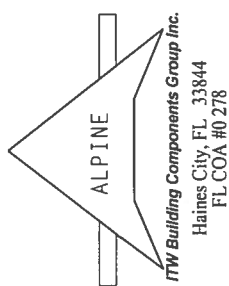
TC LL	20.0 PSF	FL/-/5/-/-/R/-	QTY: 1	Scale = .5"/Ft.
TC DL	10.0 PSF			REF R215-- 69321
BC DL	10.0 PSF			DATE 05/27/08
BC LL	0.0 PSF			DRW HCUSR215 08148099
TOT.LD.	40.0 PSF			HC-ENG EC/AP
DUR.FAC.	1.25			SEQN- 231970
SPACING	24.0"			FROM CDM
				JREF- 1THV215_Z02



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI - CROSS PLATE INSTITUTE, 218 E. 10TH AVE., SUITE 312, ALBUQUERQUE, NM 87102, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. TPI 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 905 (NATIONAL DESIGN SPEC. BY AIA/AIA) AND TPI. TPI BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (M-H/SS/K) ASTM A653 GRADE 40/60 (M, V/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A.2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



PLT TYP. Wave

5119 - LAGONI / EDGELY CONSTRUCTION -- LAKE CITY, FL - JE6A)

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

SPECIAL LOADS

---(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
IC - From 62 PLF at 0.00 to 62 PLF at 6.33
IC - From 20 PLF at 0.00 to 20 PLF at 6.33
IC - 1015 LB Conc. Load at 0.40, 2.40
IC - 1010 LB Conc. Load at 4.40

Wind reactions based on MWFRS pressures.

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

The overall height of this truss excluding overhang is 3'-6.3".

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun_nails)

Top Chord: 1 Row @12.00" O.C.

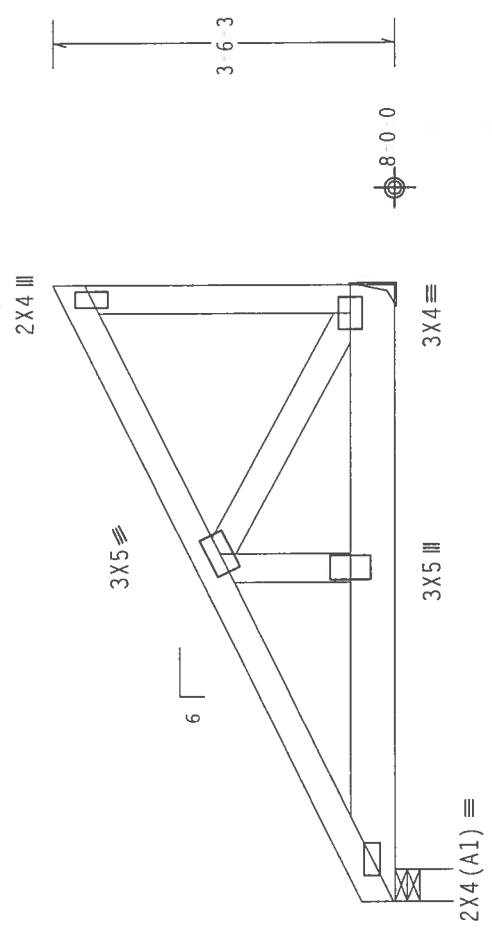
Bot Chord: 1 Row @ 3.25" O.C.

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

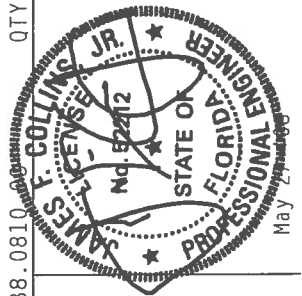
Right end vertical not exposed to wind pressure.



6'-4-0 Over 2 Supports
R=2203 U=198 W=4"
R=1358 U=123

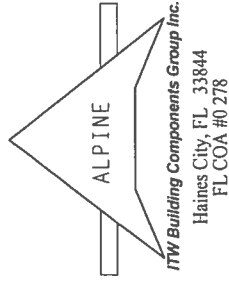
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.38.0810

QTY: 1	FL / - / 5 / - / - / R / -	Scale = .5" / Ft.
TC LL	20.0 PSF	REF R215-- 69322
TC DL	10.0 PSF	DATE 05/27/08
BC DL	10.0 PSF	DRW HCUSR215 08148104
BC LL	0.0 PSF	HC-ENG EC/AP
TOT.LD.	40.0 PSF	SEON- 232179
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1THV215_Z02



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314) AND AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC., 500 N. MICHIGAN, CHICAGO, IL 60611) FOR ADDITIONAL INFORMATION. THE TRUSSES SHOWN ON THIS DRAWING HAVE BEEN DESIGNED AND MANUFACTURED IN ACCORDANCE WITH THE REQUIREMENTS OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC. (AISC) 360-10 SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS. THE TRUSSES SHOWN ON THIS DRAWING SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CUTTING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE CONTRACTOR 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. THE BEG CONNECTOR PLATES ARE MADE OF 2018/16GA (40/60) ASTM A653 GRADE 40/60 (40, 40/60) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A.2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SWEET 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.



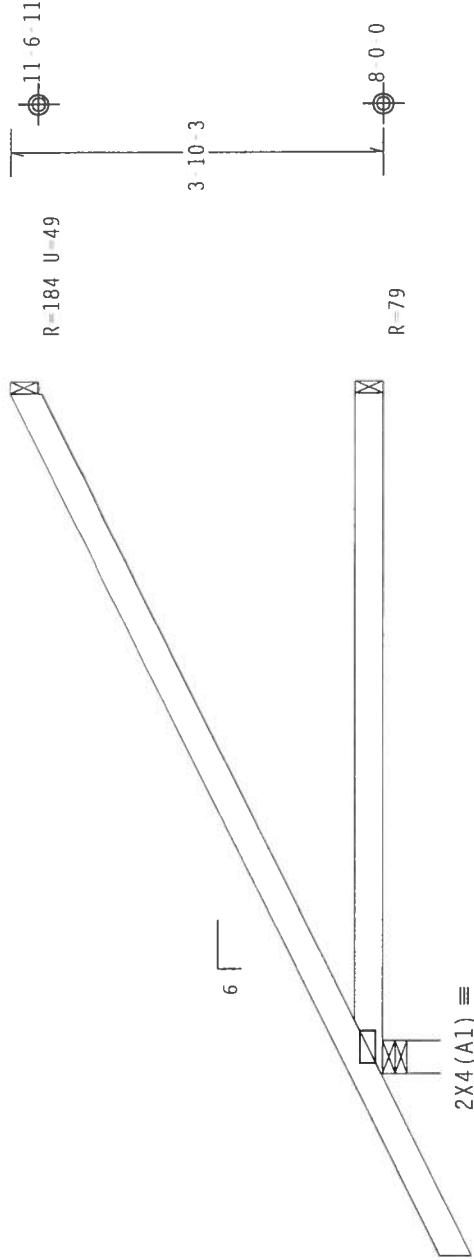
op chord 2x4 SP #2 N
ot chord 2x4 SP #2 N

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

he 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(1/)=0.18

Wind reactions based on MWFRS pressures.



← 1-10-8 →

← 7-0-0 Over 3 Supports →

R=430 U=31 W=4"

Design Crit: TPI-2002(STD)/FBC

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

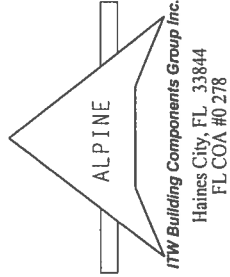
7.38.0810

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

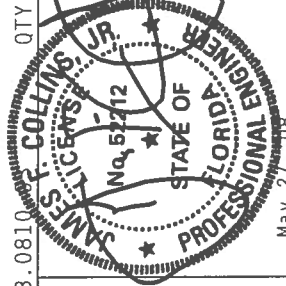
Scale = 5"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 WILSON AVE., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BEG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ITW BEG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/P) AND TPI. CONNECTOR PLATES ARE MADE OF 2018/16GA (4-H/55/K) ASTM A653 GRADE 40/60 (4-H/55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER A3 OF TPI 2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGNER. THE USER OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMER/TPI 1 SEC. 2.

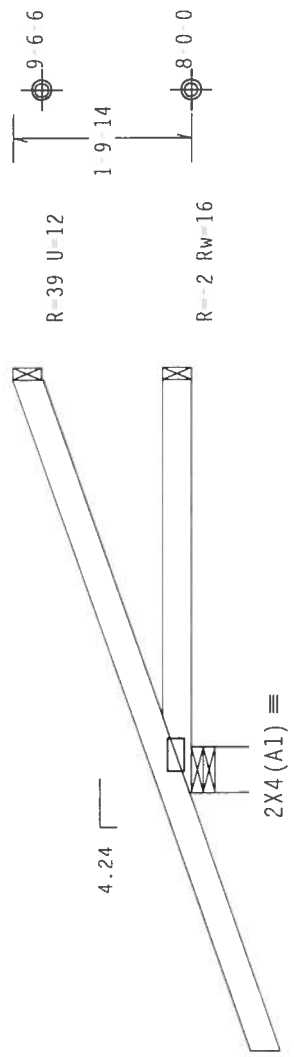


LT TYP. Wave



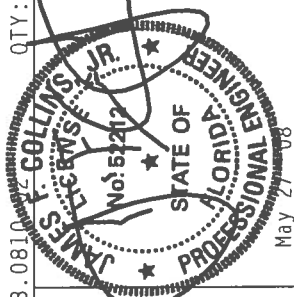
REF	R215--	69323
DATE	05/27/08	
DRW	HCUSR215	08148100
HC-ENG	EC/AP	
SEQN	232073	
FROM	CDM	
JREF	1THV215_202	

op chord 2x4 SP #2 N
not chord 2x4 SP #2 N
lipjack supports 3-0-0 setback jacks with no webs.
reflection 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, lw=1.00 GCpl (v/-)=0.18
Wind reactions based on MWFRS pressures.
The overall height of this truss excluding overhang is 1-9-14.



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

PLT TYP. Wave ALPINE ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0 278	QTY: 1		FL / 5 / - / R / -	Scale = .5" / Ft.	
	TC LL	20.0 PSF	REF	R215	69324
	TC DL	10.0 PSF	DATE	05/27/08	
	BC DL	10.0 PSF	DRW	HCUSR215	08148036
	BC LL	0.0 PSF	HC-ENG	CR/DLJ	
	TOT.LD.	40.0 PSF	SEQN	209870	
DUR.FAC.			FROM	CDM	
SPACING			JREF	1THV215_Z02	

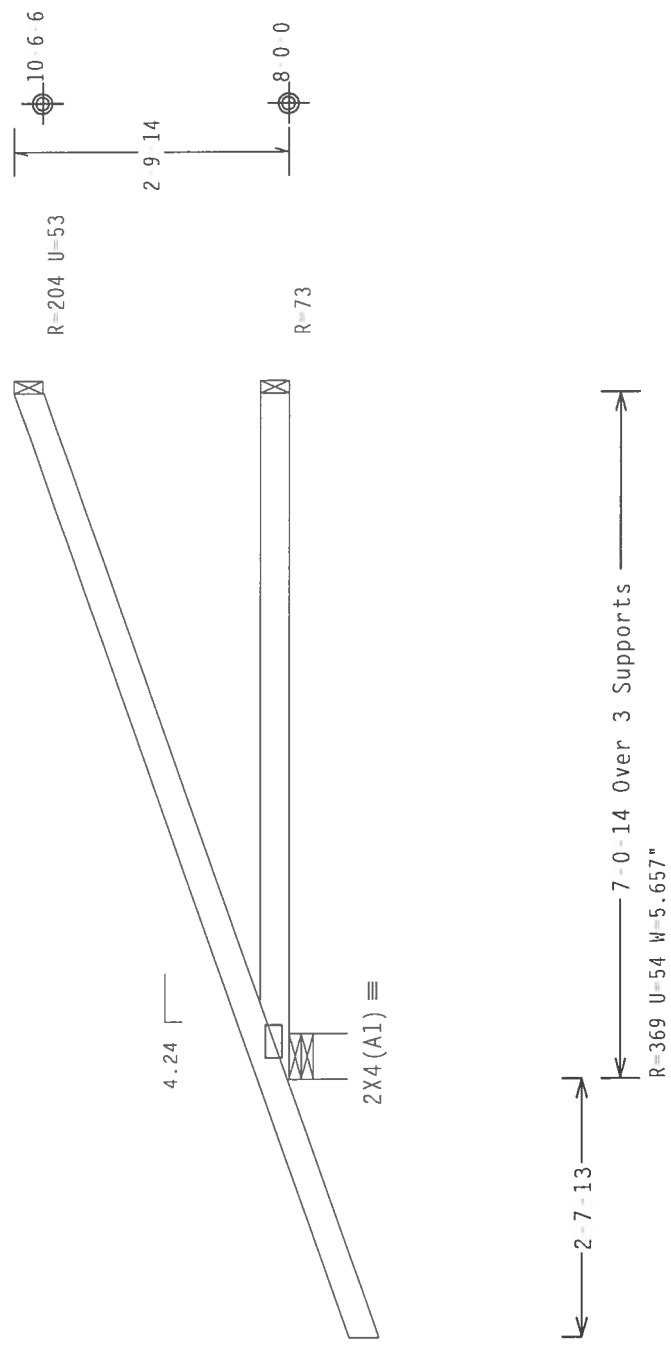


****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLAT INSTITUTE, 218 BORDEN LIT STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 WILSON AVENUE, SUITE 100, WILSON, NC 27157) FOR BEST PRACTICES FOR TRUSS FABRICATING, HANDLING, SHIPPING, UNLOADING, ERECTING AND BRACING. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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

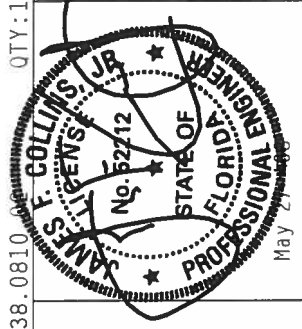
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/SS/K) ASIM A653 GRADE 40/60 (M, K/H-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISC/TPI 1 SEC. 2.

op chord 2x4 SP #2 N
ot chord 2x4 SP #2 N
ipjack supports 5-0-0 setback jacks with no webs.
eflection 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. $I_w=1.00$ $G_{CPI}(+/-)=0.18$
Wind reactions based on MWFRS pressures.
The overall height of this truss excluding overhang is 29'14".



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

QTY: 1	FL / - / 5 / - / R / -	Scale = 5" / Ft.
TC LL	20.0 PSF	REF R215 - 69325
TC DL	10.0 PSF	DATE 05/27/08
BC DL	10.0 PSF	DRW HCUSR215 08148035
BC LL	0.0 PSF	HC-ENG CR/DLJ
TOT.LD.	40.0 PSF	SEQN - 209867
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF - 1THV215_Z02



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSTI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WCA (WOOD CONNECTIONS ASSOCIATION, 6500 GARDEN LANE, SUITE 100, FORT WORTH, TX 76116) FOR THE LATEST RECOMMENDATIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID GUTTING.

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

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/PFA) AND TPI. 1TH BCG CONNECTOR PLATES ARE MADE OF 20/10/16GA (W/H/55/K) ASTM A653 GRADE 40/60 (M. K/H-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. SOLELY FOR THE TRUSS COMPONENT DESIGNER. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISI/TPI 1 SEC. 2.

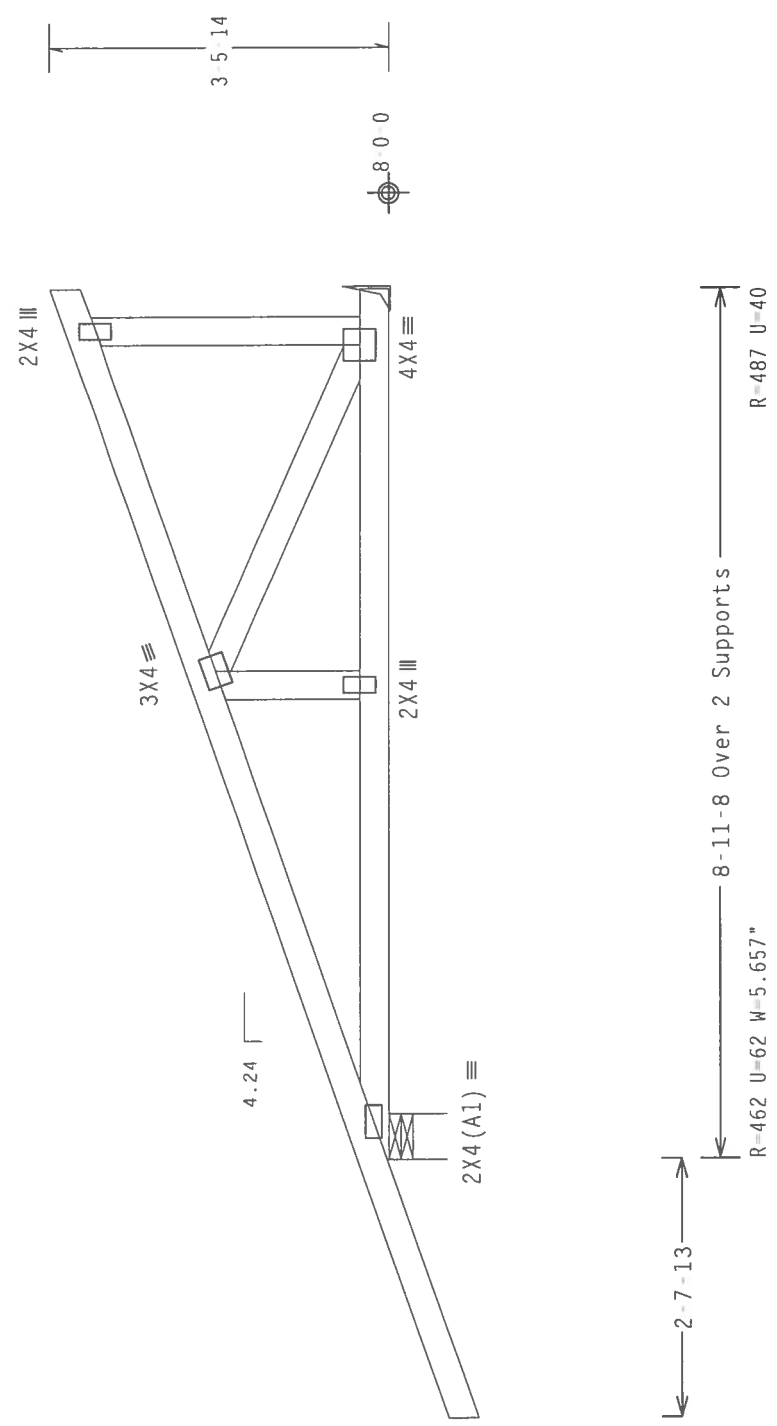
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0278

op chord 2x4 SP #2 N
ot chord 2x4 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(+/-)=0.18

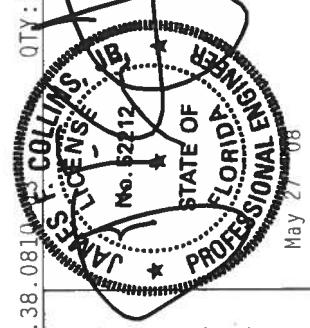
ipjack supports 6 4-0 setback jacks with no webs.
eflection meets L/240 live and L/180 total load.

Wind reactions based on MWFRS pressures.
The overall height of this truss excluding overhang is 3 5 14.



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

QTY:1	FL/-/5/-/R/-	Scale = .5" /Ft.
TC LL	20.0 PSF	REF R215 - 69326
TC DL	10.0 PSF	DATE 05/27/08
BC DL	10.0 PSF	DRW HCUSR215 08148101
BC LL	0.0 PSF	HC-ENG EC/AP
TOT.LD.	40.0 PSF	SEQN - 231973
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF - 1THV215_Z02



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH 1ST STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6100 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR THE TRUSS DESIGN OR THE TRUSS IN COMPLIANCE WITH THE DESIGNER'S REQUIREMENTS. THE TRUSS SHALL BE DESIGNED AND MANUFACTURED IN ACCORDANCE WITH THE DESIGNER'S REQUIREMENTS. THE TRUSS SHALL BE DESIGNED AND MANUFACTURED IN ACCORDANCE WITH THE DESIGNER'S REQUIREMENTS. THE TRUSS SHALL BE DESIGNED AND MANUFACTURED IN ACCORDANCE WITH THE DESIGNER'S REQUIREMENTS.

ALPINE

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

op	chord	2x4	SP	#2	N
iot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

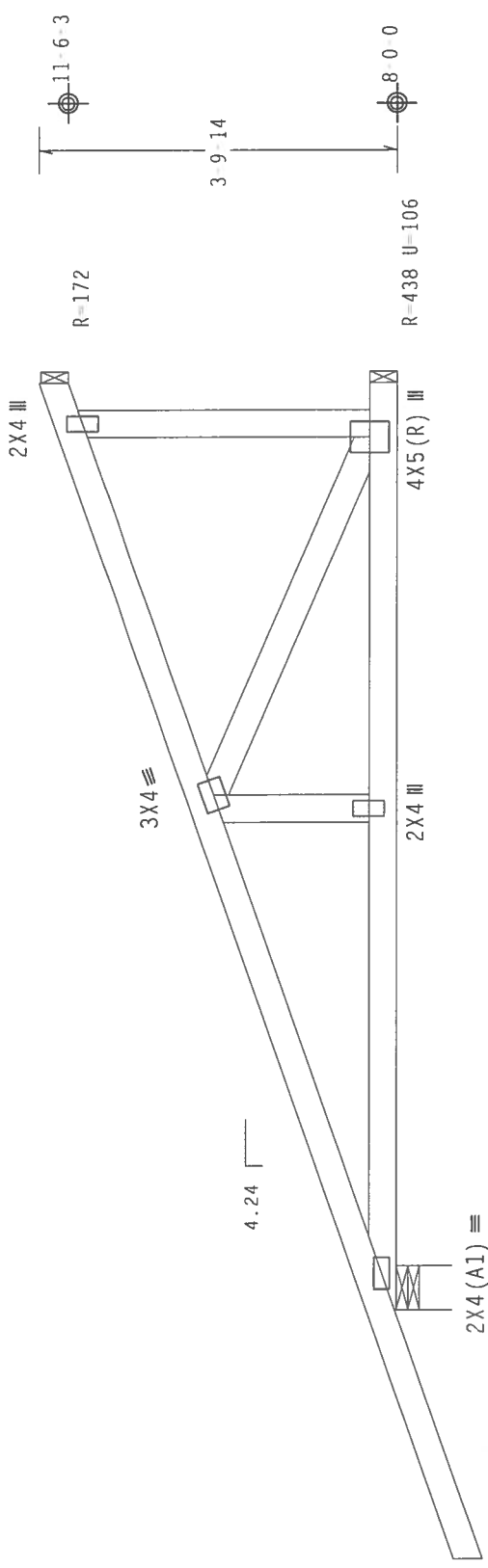
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. 1w-1.00 GCpi(+/-)=0.18

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

Wind reactions based on MWFRS pressures.

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

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

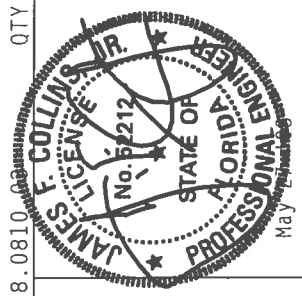


$\overbrace{2 \cdot 7 \cdot 13} \quad \overbrace{9 \cdot 10 \cdot 13 \text{ Over } 3 \text{ Supports}}$
 $R=519 \quad U=67 \quad W=5.657''$

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

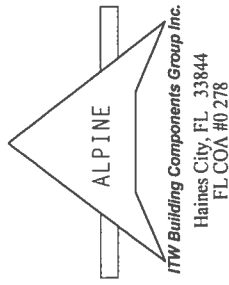
7.38.0810.00 QTY:1

Scale = 5"/Ft.	
TC LL	20.0 PSF
TC DL	10.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	40.0 PSF
DUR.FAC.	1.25
SPACING	24.0"



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI TRUSSES REQUIRING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 RIVER LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND AIA (AMERICAN INSTITUTE OF ARCHITECTS, 1735 N. MICHIGAN AVE., SUITE 1400, CHICAGO, IL 60610) FOR TRUSS CONSTRUCTION PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE SPECIFIED, THE FOLLOWING INFORMATION SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. TPI BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH THE DESIGN OR ANY OTHER REQUIREMENTS OF THE TRUSS CONTRACTOR, OR ANY FAILURE TO FOLLOW THE TRUSS CONTRACTOR'S CONSTRUCTION METHODS, APPROVALS OR INSTRUCTIONS (AS NOTED ON DESIGN SPECIFIC BY A/E/CPA) AND TPI BCG CORP. PLATES ARE APPLICABLE. PROVIDE 1/8" X 1/4" X 1/4" A575M A653 GRADE 40/60 (2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80, 82, 84, 86, 88, 90, 92, 94, 96, 98, 100) GALV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A, 2. ANY INSPECTION OF PLATES FOLLOWED BY (3). SHALL BE PER A/E/CPA AS OF TPI 2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

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

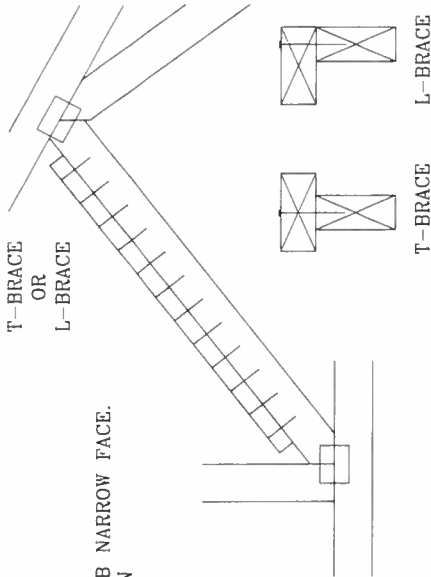
(*) CENTER SCAB ON WIDE FACE OF WEB. APPLY (1) SCAB TO EACH FACE OF WEB.

T-BRACING

OR

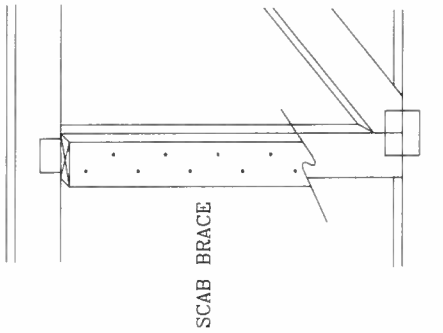
L-BRACING:

APPLY TO EITHER SIDE OF WEB NARROW FACE.
ATTACH WITH 10d BOX OR GUN
(0.128" x 3" MIN) NAILS.
AT 6" O.C. BRACE IS A
MINIMUM 80% OF WEB
MEMBER LENGTH



SCAB BRACING:

APPLY SCAB(S) TO WIDE FACE OF WEB.
NO MORE THAN (1) SCAB PER FACE.
ATTACH WITH 10d BOX OR GUN
(0.128" x 3" MIN) NAILS.
AT 6" O.C. BRACE IS A MINIMUM
80% OF WEB MEMBER LENGTH



THIS DRAWING REPLACES DRAWING 579.640

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA. 22314) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/ASA) AND ITW BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (W/H/SS/K) ASTM A653 GRADE 40/50 (W/AL/SS) GALVALUMED STEEL. ITW BCG CONNECTOR PLATES TO EACH ANGLE INSPECTION OF PLATES FOR COLD CHAMFERING AND DESIGN POSITION PER DRAWINGS. EACH ANGLE TO BE CHECKED FOR PROPER CHAMFERING. THE ENGINEER'S RESPONSIBILITY IS TO SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. PER ANSI/TPI 1 SEC. 2.

TC LL	PSF	REF	CLB SUBST.
TC DL	PSF	DATE	2/23/07
BC DL	PSF	DRWG	BRCILBSUB0207
BC LL	PSF	-ENG	MLH/KAR
TOT. LD.	PSF		
DUR. FAC.			
SPACING			



ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

