

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: ITDA215-Z0114135610

Truss Fabricator: W.B. Howland
 Job Identification: 5119-/LAGONI /EDGELY CONSTRUCTION -- LAKE CITY, FL
 Truss Count: 93
 Model Code: Florida Building Code 2004 and 2006 Supplement
 Truss Criteria: ANSI/TPI-2002(STD)/FBC
 Engineering Software: Alpine Software, Version 7.38.
 Structural Engineer of Record: The identity of the structural EOR did not exist as of
 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: 12/14/2007

-Truss Design Engineer-
 James F. Collins Jr.

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

Details: CNBRGBLK-BRCLBSUB-

#	Ref	Description	Drawing#	Date
1	86697--A1		07348091	12/14/07
2	86698--A2		07348001	12/14/07
3	86699--A3		07348002	12/14/07
4	86700--A4		07348003	12/14/07
5	86701--A5		07348004	12/14/07
6	86702--A6		07348005	12/14/07
7	86703--A7		07348006	12/14/07
8	86704--A8		07348007	12/14/07
9	86705--A9		07348008	12/14/07
10	86706--A10		07348092	12/14/07
11	86707--A11		07348009	12/14/07
12	86708--A12		07348010	12/14/07
13	86709--A13		07348011	12/14/07
14	86710--A14		07348012	12/14/07
15	86711--A15		07348013	12/14/07
16	86712--A16		07348014	12/14/07
17	86713--A17		07348015	12/14/07
18	86714--A18		07348016	12/14/07
19	86715--A19		07348017	12/14/07
20	86716--A20		07348018	12/14/07
21	86717--A21		07348019	12/14/07
22	86718--A22		07348020	12/14/07
23	86719--A23		07348021	12/14/07
24	86720--A24		07348022	12/14/07
25	86721--A25		07348023	12/14/07
26	86722--A26		07348024	12/14/07
27	86723--A27		07348025	12/14/07
28	86724--A28		07348026	12/14/07
29	86725--A29		07348027	12/14/07
30	86726--A30		07348028	12/14/07
31	86727--A31		07348029	12/14/07
32	86728--A32		07348030	12/14/07
33	86729--A33		07348031	12/14/07
34	86730--A34		07348032	12/14/07
35	86731--A35		07348033	12/14/07
36	86732--A36		07348034	12/14/07
37	86733--A37		07348035	12/14/07
38	86734--A38		07348093	12/14/07

#	Ref	Description	Drawing#	Date
39	86735--A39		07348036	12/14/07
40	86736--A40		07348037	12/14/07
41	86737--A41		07348038	12/14/07
42	86738--A42		07348039	12/14/07
43	86739--A43		07348040	12/14/07
44	86740--A44		07348041	12/14/07
45	86741--A45		07348042	12/14/07
46	86742--A46		07348043	12/14/07
47	86743--A47		07348044	12/14/07
48	86744--A48		07348045	12/14/07
49	86745--A49		07348046	12/14/07
50	86746--A50		07348047	12/14/07
51	86747--A51		07348048	12/14/07
52	86748--A52		07348049	12/14/07
53	86749--A53		07348050	12/14/07
54	86750--A54		07348051	12/14/07
55	86751--A55		07348089	12/14/07
56	86752--A56		07348052	12/14/07
57	86753--A57		07348053	12/14/07
58	86754--A58		07348054	12/14/07
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60	86756--A60		07348056	12/14/07
61	86757--A61		07348057	12/14/07
62	86758--A62		07348058	12/14/07
63	86759--A63		07348059	12/14/07
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68	86764--A68		07348064	12/14/07
69	86765--A69		07348065	12/14/07
70	86766--A70		07348066	12/14/07
71	86767--A71		07348067	12/14/07
72	86768--A72		07348068	12/14/07
73	86769--A73		07348069	12/14/07
74	86770--A74		07348090	12/14/07
75	86771--JC1		07348070	12/14/07
76	86772--JC3		07348071	12/14/07

#	Ref	Description	Drawing#	Date
77	86773--JC3A		07348072	12/14/07
78	86774--JC5		07348073	12/14/07
79	86775--JC5A		07348074	12/14/07
80	86776--JC7		07348075	12/14/07
81	86777--JE3		07348076	12/14/07
82	86778--JE5		07348077	12/14/07
83	86779--JE6		07348078	12/14/07
84	86780--JE6A		07348079	12/14/07
85	86781--JE6B		07348080	12/14/07
86	86782--JE7		07348081	12/14/07
87	86783--JE7A		07348082	12/14/07
88	86784--JE9		07348083	12/14/07
89	86785--JH4		07348084	12/14/07
90	86786--JH7		07348085	12/14/07
91	86787--JH9		07348086	12/14/07
92	86788--JH10		07348087	12/14/07
93	86789--JH13		07348088	12/14/07



2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun nails)

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

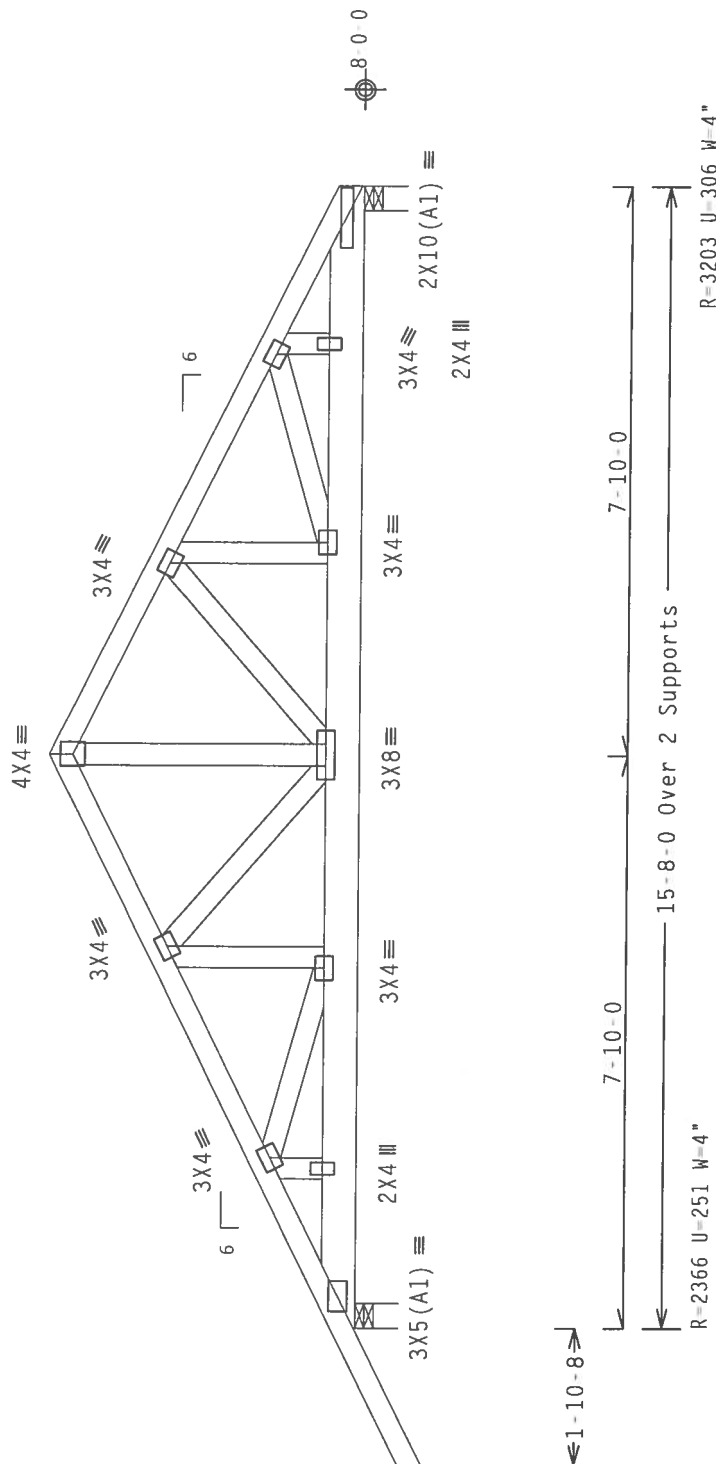
Bot Chord: 1 Row @ 5.75" o.c.

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

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



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

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

7.38.0810

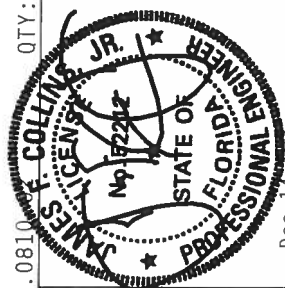
QTY:1 FL/-/6/-/-/R/-

Scale = .375"/Ft.

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6200 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

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

THE LABEL PROVISIONS OF NIST (NATIONAL DESIGN) 407.60 (B, K/F, S/S) GALV. STEEL, ATTN BCG CONNECTION PLATES ARE MOD. 2017/06/06 (4/15/2017) ASH 4653 GRADE 407.60 (B, K/F, S/S) GALV. STEEL, ATTN BCG PLATES TO EACH FACE OF TRUSS. DIMENSIONS LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A, 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE RESPONSIBLE FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGNING DESIGNER PER ANSI/1P.1 SEC. 2.



James City, FL 33844
FFL Certificate of Authorization #0 278

Haines City, FL 33844

SPACING 24.0"

RFF- 1TDA215 7

SPACING

Dec 14 07

THE POSSIBILITY OF

SECRET

Pl 1 SEC. 2.

BUILDING DESIGNER PER ANSI/11

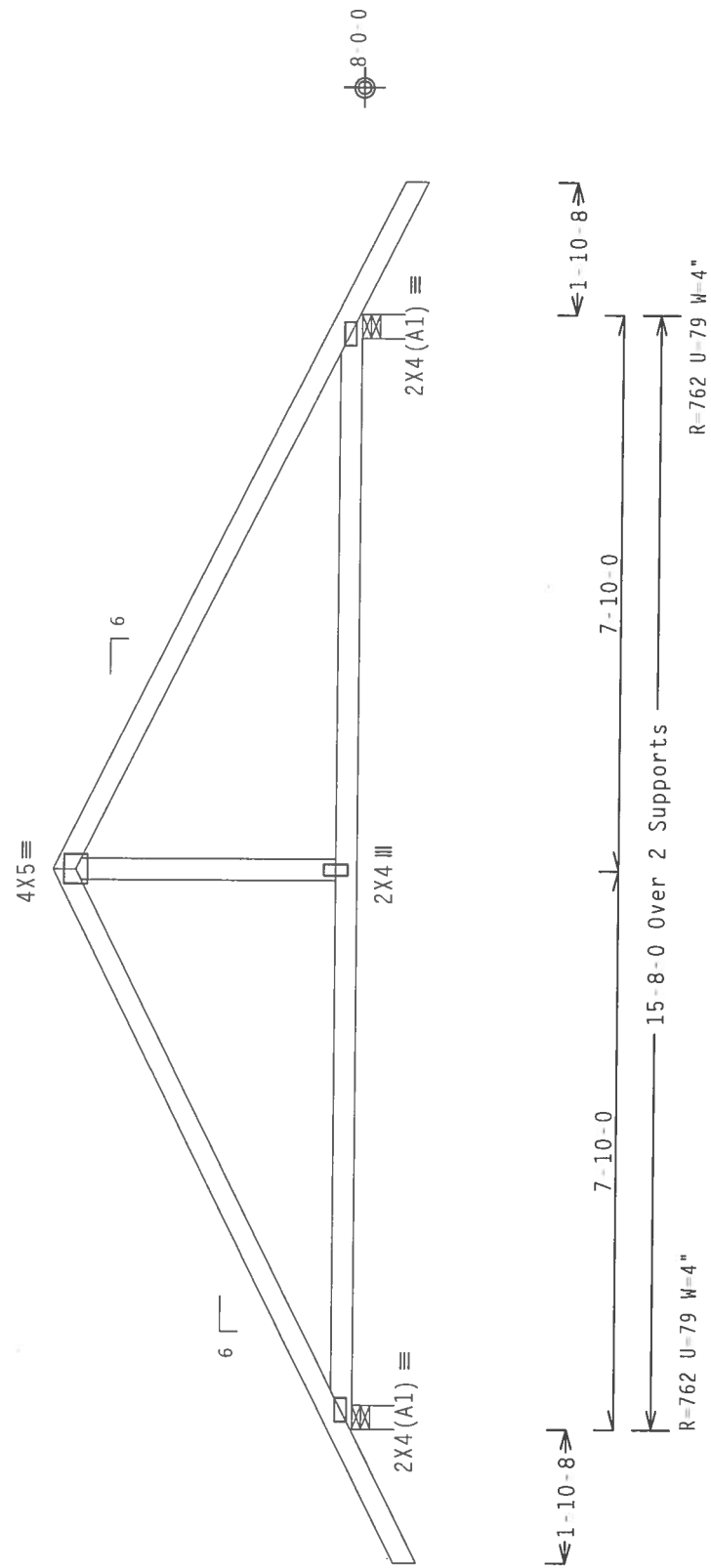
James City, FL 33844
FFL Certificate of Authorization #0 278

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/-)-0.18

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

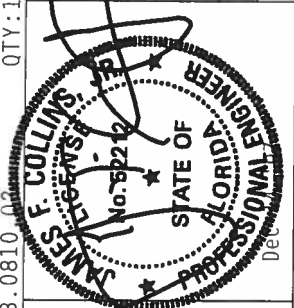
The overall height of this truss excluding overhang is 4-3-3.



Design Crit: TPI-2002(STD)/FBC

QTY:1 FL/-/6/-/R/- Scale = .375"/Ft.

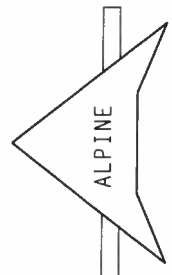
JC LL	20.0	PSF	REF	R215--	86698
TC DL	10.0	PSF	DATE	12/14/07	
BC DL	10.0	PSF	DRW	HCUSR215	07348001
BC LL	0.0	PSF	HC-ENG	CR/DLJ	*
TOT.LD.	40.0	PSF	SEQN-	209777	
DUR.FAC.	1.25		FROM	COM	
SPACING	24.0"		JREF-	1TDA215	Z01



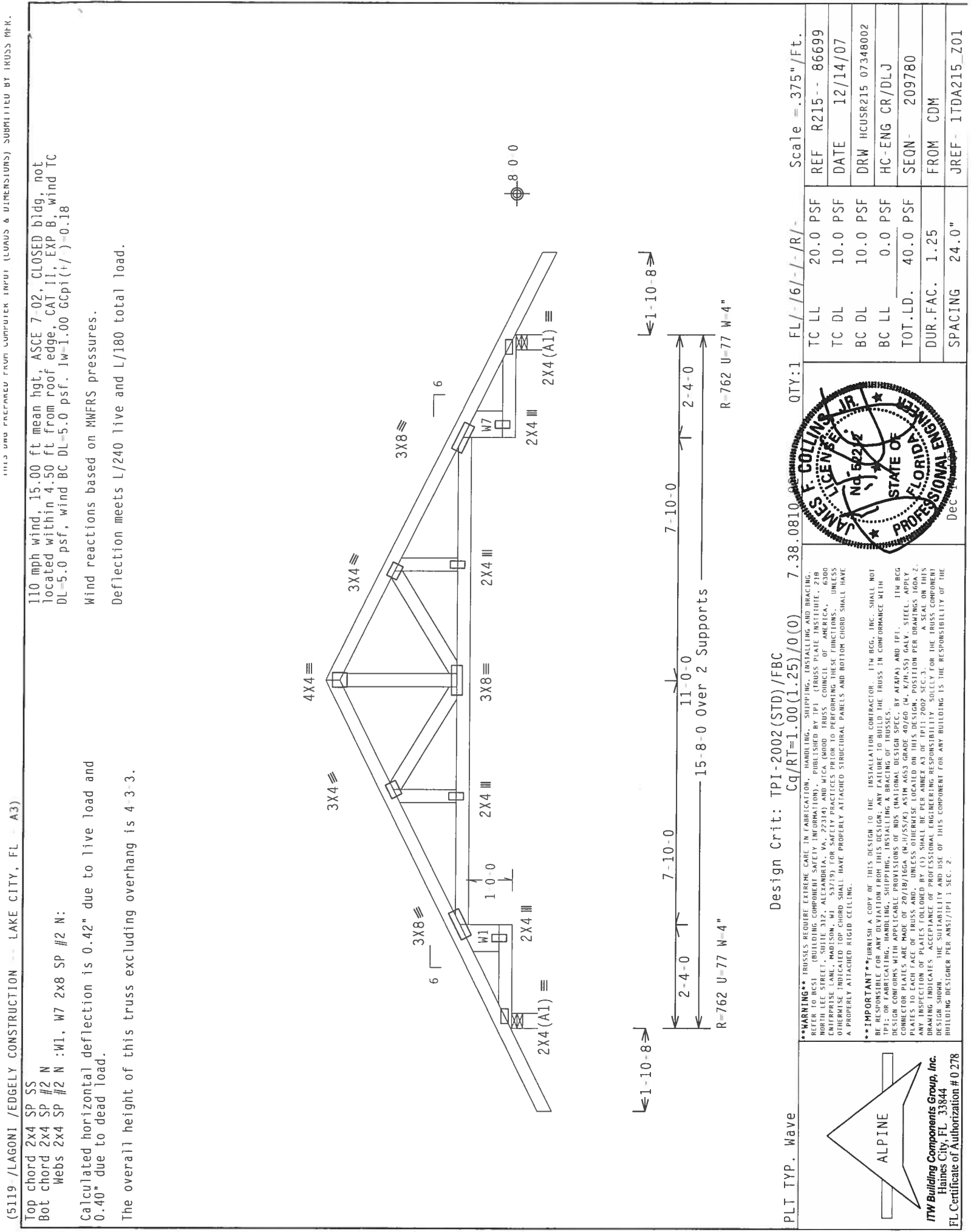
*WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLATION AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND WCA (4000) TRUSS COUNCIL OF AMERICA, 6300 INTERLESE LANE, MADISON, MI 48371 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. ITM BEG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THE REQUIREMENTS OF THIS DESIGN. THE TRUSS IN CONFORMANCE WITH THE DESIGN COMPLETS HANDLING, SHIPPING, INSTALLING & BRACING OF THE TRUSS.

DESIGN COMPLIES WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AREA) AND TPI (TRUSS ANALYSIS & DESIGN). CONNECTOR PLATES ARE MADE OF 20/18/16GA (.0475/.55/.60) ASTM A653 GRADE 40/60 (K/H/SS) GALV. STEEL APPLIED TO EACH FACE OF TRUSS AND OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 160A-2. 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 ANNOTATION #1 SEC. 2.



TW Building Components Group, Inc.
Haines City, FL 33844
Certificate of Authorization # 0 278



(5119 - LAGONI / EDGELY CONSTRUCTION - LAKE CITY, FL - A3)

Top chord 2x4 SP SS
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N : W1, W7 2x8 SP #2 N :
Calculated horizontal deflection is 0.42" due to live load and 0.40" due to dead load.

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

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

Wind reactions based on MWFRS pressures.

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

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

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

PLT TYP. Wave

Scale = .375" / Ft.

TC LL	20.0 PSF	REF	R215 - -	86699
TC DL	10.0 PSF	DATE	12/14/07	
BC DL	10.0 PSF	DRW	HCUSR215	07348002
BC LL	0.0 PSF	HC-ENG	CR/DLJ	
TOT.LD.	40.0 PSF	SEQN	209780	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF	1TDA215	Z01

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0278

James F. Collins, Jr.
Professional Engineer
State of Florida
No. 59224
Dec 11, 2007

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

PLT TYP. Wave

Scale = .375" / Ft.

TC LL	20.0 PSF	REF	R215 - -	86699
TC DL	10.0 PSF	DATE	12/14/07	
BC DL	10.0 PSF	DRW	HCUSR215	07348002
BC LL	0.0 PSF	HC-ENG	CR/DLJ	
TOT.LD.	40.0 PSF	SEQN	209780	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF	1TDA215	Z01

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
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James F. Collins, Jr.
Professional Engineer
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No. 59224
Dec 11, 2007

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

PLT TYP. Wave

Scale = .375" / Ft.

TC LL	20.0 PSF	REF	R215 - -	86699
TC DL	10.0 PSF	DATE	12/14/07	
BC DL	10.0 PSF	DRW	HCUSR215	07348002
BC LL	0.0 PSF	HC-ENG	CR/DLJ	
TOT.LD.	40.0 PSF	SEQN	209780	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF	1TDA215	Z01

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0278

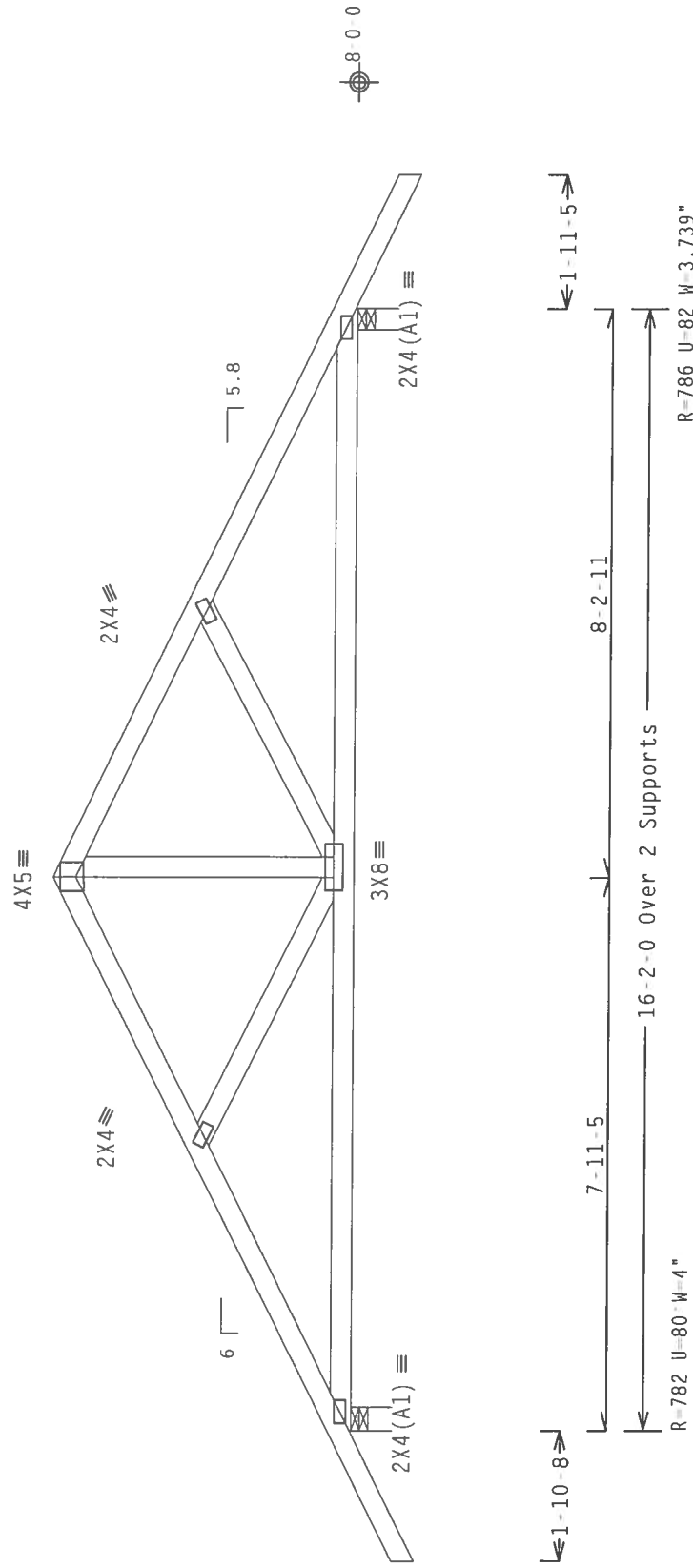
Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

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

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

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 4-3-13.



Design Crit: TPI-2002(STD)/FBC

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

7.38.0810

QTY:1 FL/-/6/-/-/R/-/

Scale = 375"/Ft.

PLT TYP. Wave

*****WARNING***** THIEVES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSULATING AND BRACING. NORTH BEES (COLUISING COMPONENT SYSTEMS), PUBLISHED BY TPI (RUSS PLATE INSTITUTE, 2100 NORTH LEE ROAD, SUITE 22314) AND RICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53717) 608.271.5085. WHEN PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CELLULOSE.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. THESE TRUSSES ARE NOT TO BE USED FOR ANY PURPOSES OTHER THAN THAT SPECIFIED HEREIN. THE FOLLOWING INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 610 NORTH LEE STREET, SUITE 202, WESTFIELD, MA 01097-1801, IS THE PROPERTY OF AMERICA, 2300 INDUSTRIAL PARKWAY, WILMINGTON, DE 19806-0001. IT IS TO BE USED ONLY IN CONFORMANCE WITH THE TRUSS MANUFACTURING CODE, AIAA S400-1. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

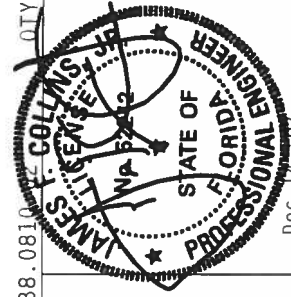
****IMPORTANT****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. TIV BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING.

****WARNING**** THESE REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RECTOR STEEL COMPANY, INC., PUBLISHED BY TPI (CROSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22304, (703) 544-2200, FAX (703) 544-2201, WWW.RECTORSTEEL.COM) ENTERPRISE LANE, MOISLIM, MI 53191, 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 BEAMING.

****IMPORTANT****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. TIT 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 OR BRACING OF TRUSSES.

DESIGN CONFORMS WITH AVAILABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI. TIT BEG CONNECTION PLATES ARE MADE OF 20"X14"X1/8" (M/55K2) A573 GR50 40760 (I, K/H-S5) GALV. STEEL. APPLY AN INSPECTION OF PLATES FOLLOWED BY AN INSPECTION OF THE TRUSS FOR THE FOLLOWING:

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE RELIABILITY OF THE 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.



Haines City, FL 33844
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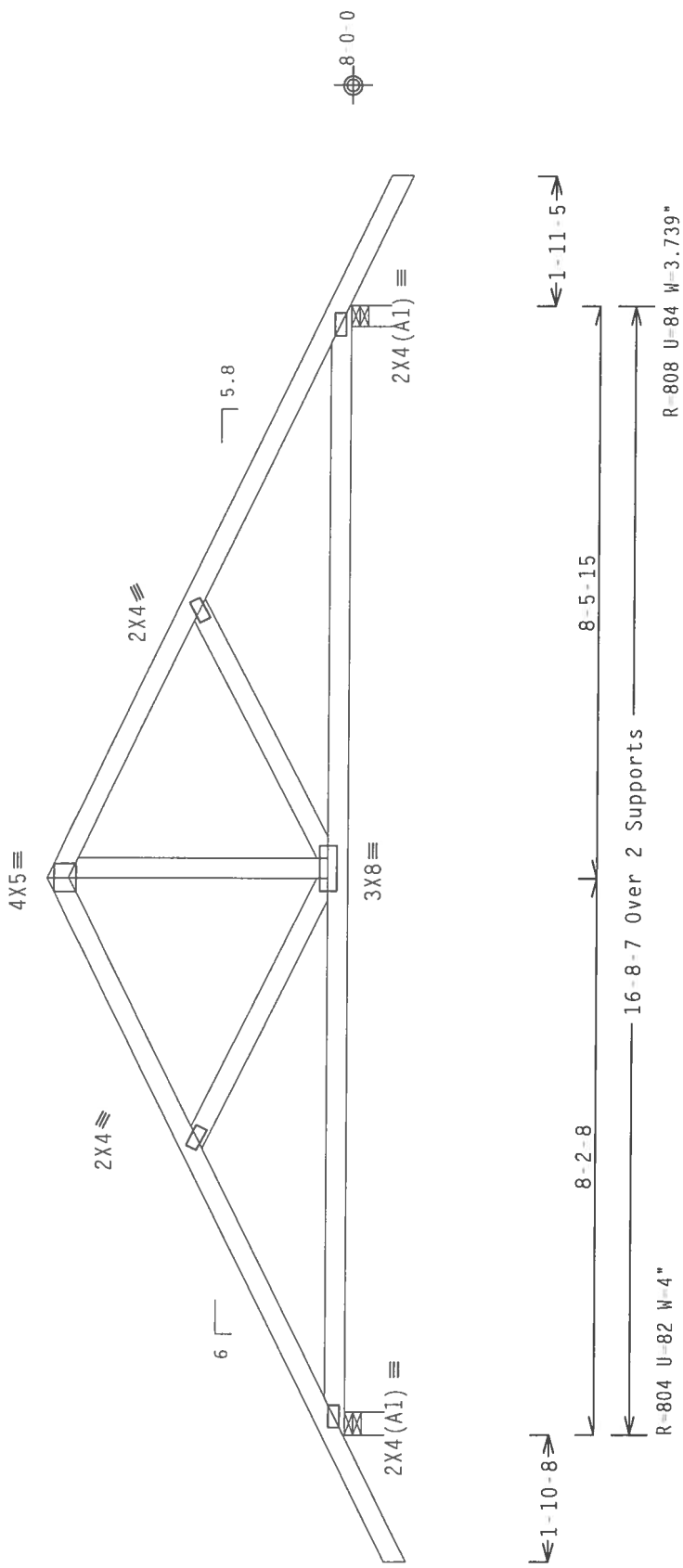
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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

The overall height of this truss excluding overhang is 4'-5.6".

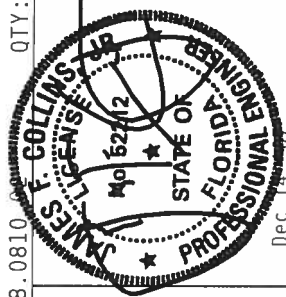
110 mph wind, 15.00 ft mean hgt. ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCPI(+/-) 0.18

Wind reactions based on MMFRS pressures.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave	Cq/RT=1.00(1.25)/0(0)		7.38.0810	QTY:1	FL/-/6/-/R/-	Scale = .375"/Ft.		
	8-2-8		8-5-15	TC LL	20.0 PSF	REF R215-- 86701		
	16-8-7 Over 2 Supports			TC DL	10.0 PSF	DATE 12/14/07		
	R-804 U-82 W-4"			BC DL	10.0 PSF	DRW HCUSR215 07348004		
	R-808 U-84 W-3.739"			BC LL	0.0 PSF	HC-ENG CR/DLJ *		
				TOT.LD.	40.0 PSF	SEQN- 209787		
Design Crit: TPI-2002(STD)/FBC				DUR.FAC.	1.25	FROM CDM		
				SPACING	24.0"	JREF- 1TDA215_Z01		



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RESI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE INTERNATIONAL TRUSS SOCIETY, 2100 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WEA (WOOD TRUSS COUNCIL OF AMERICA), 100 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-1; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF IBCS (NATIONAL DESIGN SPEC. BY AIA/AIA) AND TPI-1. ITW BCG CONNECTION PLATES ARE MADE OF 2018/16GA (40/55/78) ASTM A653 GRADE 40/60 (4, 8/11, 55) GALV. STEEL. APPLY ANY INSPECTOR OF PLATES FOLLOWED BY THE DESIGNER. A SEAL OR THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

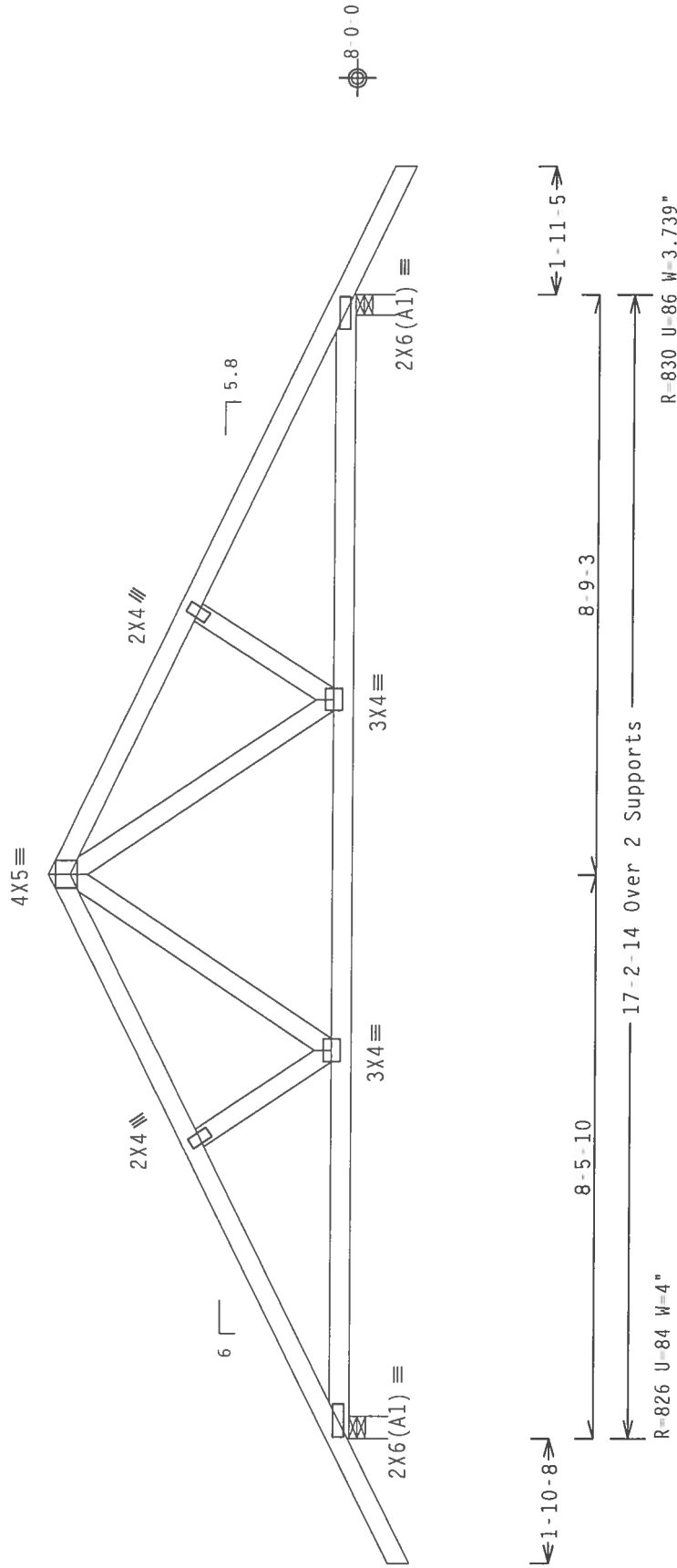
Top chord	2x4	SP	#2
Bot chord	2x4	SP	#2
webs	2x4	SP	#2

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf Iw1.00 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 47.0.



Design Crit: TPI-2002(STD)/FBC

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

7.38.0810

QTY:1 FL/-/6/-/1-/R/-/

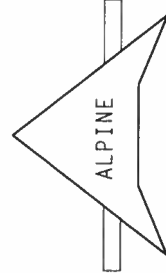
Scale = 375"/Ft.

WARNING BRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. BE THE BEST! (BUILDING COMPONENT SAFETY) INFORMATION AVAILABLE FROM RUSS PLATE INSTITUTE, 210 NORTH LEXINGTON AVENUE, NEW YORK, NY 10017-6809. FOR SALES, CONTACT THE RUSS COUNCIL OF AMERICA, 610 ENTERPRISE LANE, WOODSTOCK, NY 57379. FOR SAFETY, PERFORMANCE AND FUNCTION, UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CLIPPING.

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

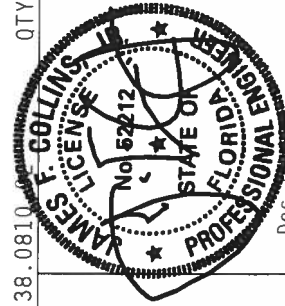
THE FOLLOWING ARE THE CONVENTIONS OF THIS (NATIONAL DESIGN SPEC., BY AISC) AND ITW. APPLY THESE CONVENTIONS TO ALL TRUSSES AND CONNECTIONS. (4) ASH RAFTER GRADE 40/60 (4/4-1/2) GALV. STEEL. APPLY THESE CONVENTIONS TO ALL TRUSSES AND CONNECTIONS. (5) POSITION PER DRAWINGS. (6) 2" MIN. THICKNESS FOR ALL PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE SPECIFIED.

IF 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 COMPONENTS OF THE BUILDING SHOWN. THE LIABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENTS OF THE BUILDING SHOWN.



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

Haines City, FL 33844
FL Certificate of Authorization #0278



Dec 14 07

TC LL	20.0 PSF	REF	R215 - 86702
TC DL	10.0 PSF	DATE	12/14/07
BC DL	10.0 PSF	DRW	HCUSR215 07348005
BC LL	0.0 PSF	HC-ENG	CR/DLJ *
TOT.LD.	40.0 PSF	SEQN-	209796
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TDA215 Z01

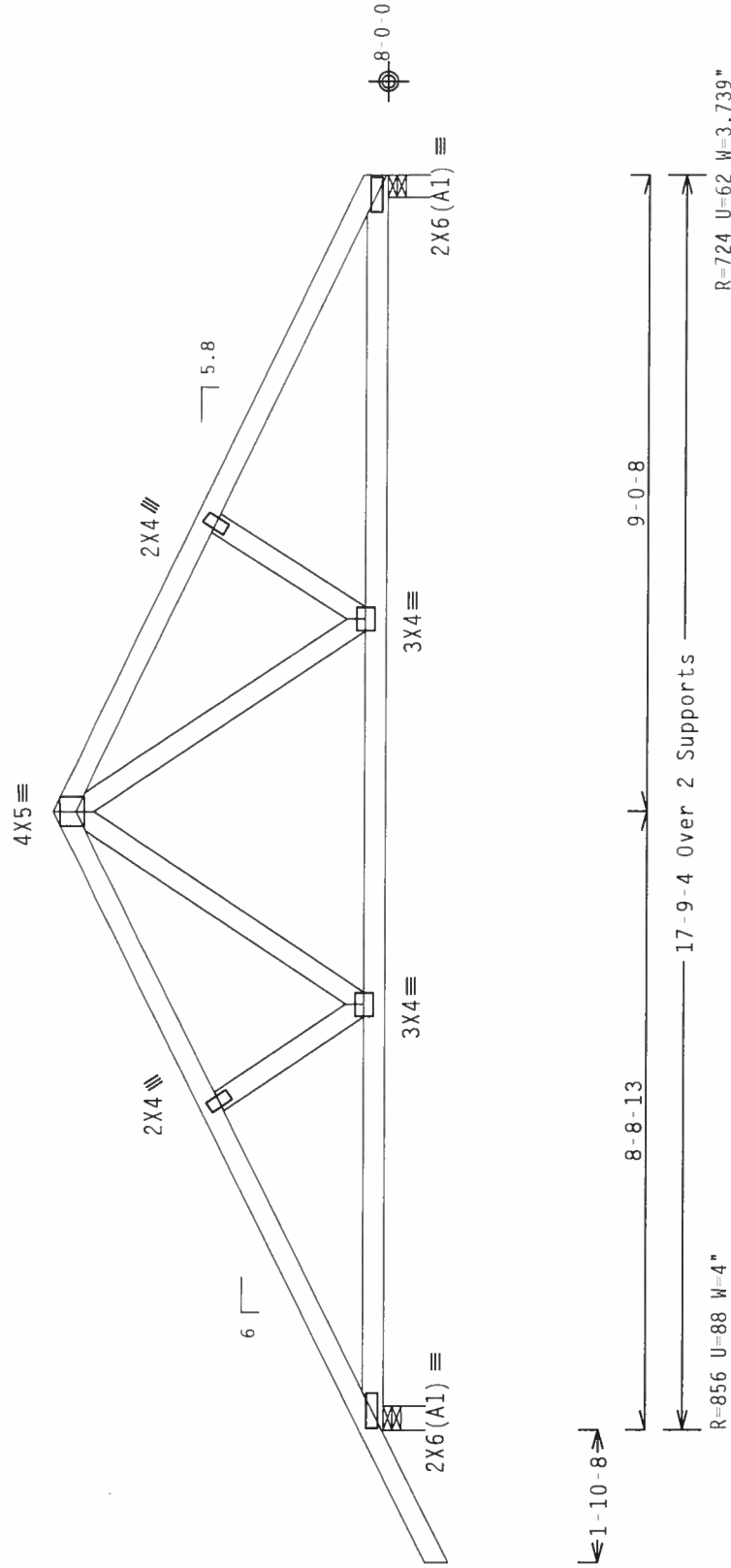
Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

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 4-8-9.



Design Crit: TPI-2002(STD)/FBC

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES FOR TRUSS INSTALLATION. PUBLISHED BY THE TRUSS ASSOCIATION, 218 NORTH LEE STREET, SUITE 112, FARMINGTON, MA 01904, TEL: 508-865-2200, FAX: 508-865-2201, WWW.TRUSSESCA.COM. OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

$Cq/R=1.00(1.25)/0(0) = 7$

7
DESIGN OF TRUSS BRIDGES
Cq/RT=1.00(1.25)/0(0)
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDED INGS. SHIPPING, INSTALLING AND BRACING
REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION. PUBLISHED BY IPT (TRUSS PLATE INSTITUTE, 21W
NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300
UNIVERSITY LANE, MADISON, MI 48319) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE
OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE
A PROPERLY ATTACHED RIGID COWLING.
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
IPT; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC.)
DESIGN MANUALS, PART 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773

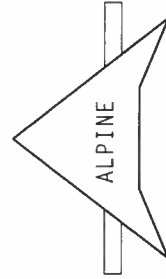
PLT TYP. Wave

7-38-0810

QTY.1 EL / - / 6 / - / - / R / -

$$\text{Scale} = 375''/F +$$

TC LL	20.0	PSF	REF	R215--	86703
TC DL	10.0	PSF	DATE	12/14/07	
BC DL	10.0	PSF	DRW	HCUSR215	07348006
BC LL	0.0	PSF	HC-ENG	CR/DLJ	
TOT.LD.	40.0	PSF	SEQN-	209793	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1TDA215	Z01



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

Haines City, FL 33844
FL Certificate of Authorization #0278

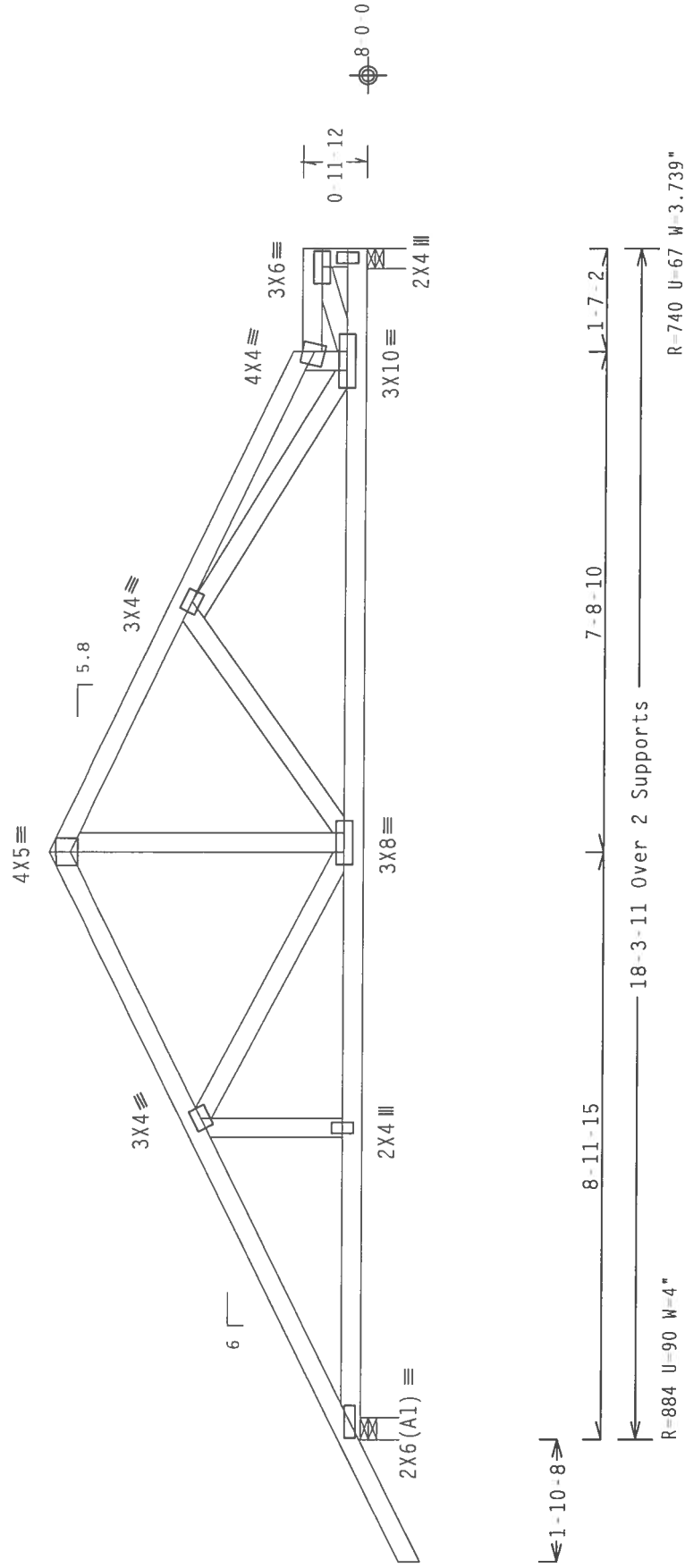
Top chord	2x4	SP	#2	N
Bot chord	2x4	SP	#2	N
Webs	2x4	SP	#2	N

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 $1w-1.00$ 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 $4 \cdot 10^{-2}$.



Design Crit: TPI-2002(STD)/FBC

****WARNING**** RUSSLES REQUIRING EXTENSIVE CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RCSI BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY RCSI CROSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22304, AND WASHINGTON, DC 22304. (800) 368-7222.
LITERATURE, LAMINATE, 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 CHILLING.

11-2002 (STD) / 1 DC
Cq/RT=1.00(1.25)/0(0) 7.38.0810.02

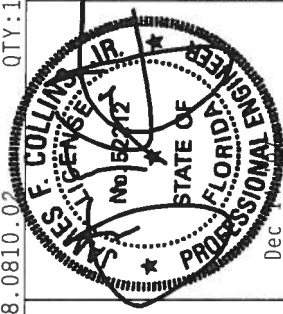
QTY:1 EL-161-1-1R/

Scale = 375"/ft

****WARNING**** RUSSSELS REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IPTI (TRUSS PEARL INSTITUTE, 270 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WICA (WOOD INSTITUTE, COUNCIL OF AMERICA, 6300 UNIVERSITY AVE., SUITE 101, WASHINGTON, DC 20032) 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 TOP CHORD RAIL.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. IPTI, BCG, ETC., 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 CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AFPA) AND TP1. IPTI REG. 1000 CONNECTION PLATES ARE MADE OF 70/10/16GA (14.0/155KSI) ASTM A653 GRADE 40/60 (4.0 / 6.0-55) GALV. STEEL. APPLY 1000 CONNECTION PLATES FOLLOWED BY 1000 CONNECTION PLATES. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 10GA 2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE DESIGN. THE FOLLOWING SHOWS THE UTILITY AND USE OF THIS COMPONENT FOR ANY BUILDING. 15. THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TP1 SEC. 2.



Haines City, FL 33844
FL Certificate of Authorization # 0278

Haines City, FL 33844
FL Certificate of Authorization # 0278

(5119-/LAGONI /EDGELEY CONSTRUCTION -- LAKE CITY, FL - A11)

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

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

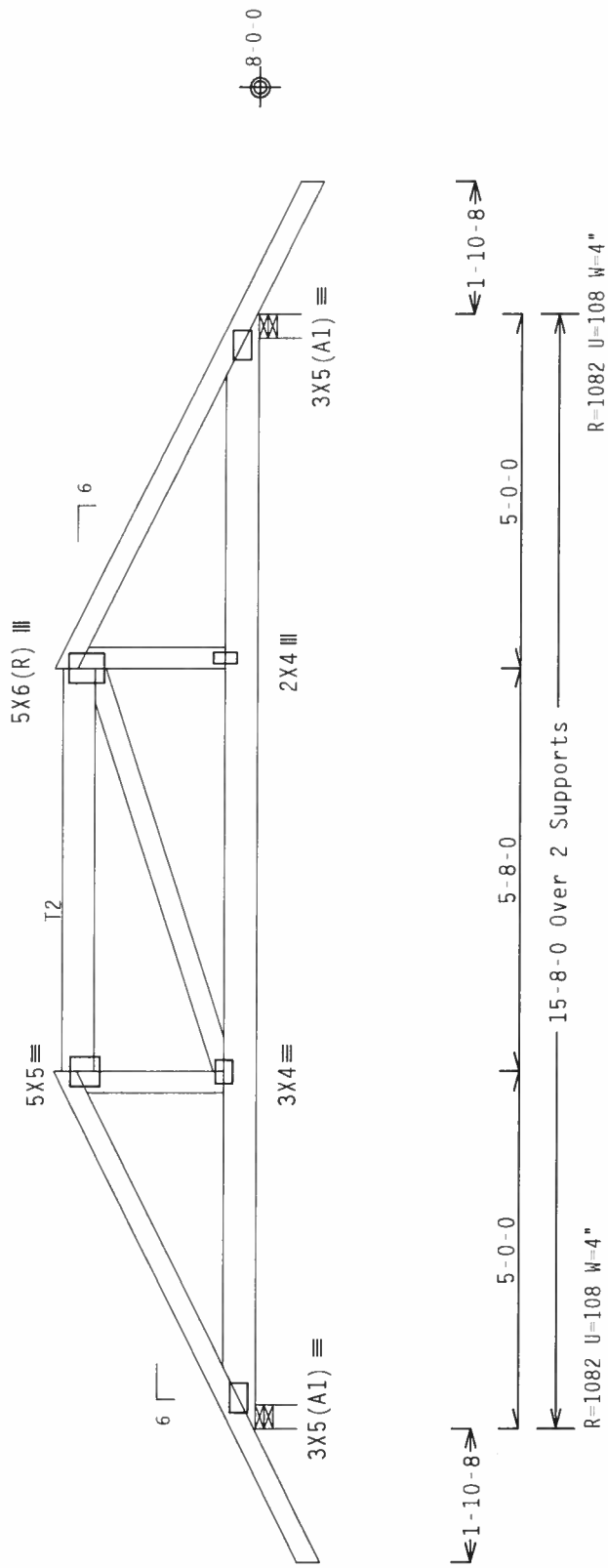
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

Wind reactions based on MWFRS pressures.

#1 hip supports 5-0-0 jacks with no webs.

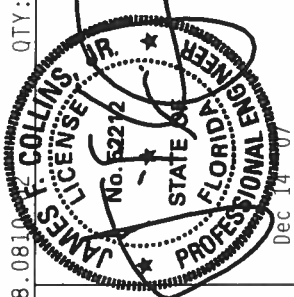
The overall height of this truss excluding overhang is 2-10-3.



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

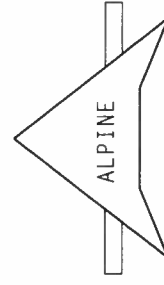
PLT TYP. Wave

QTY:1		FL/-/6/-/R/-	Scale = .375"/Ft.
TC LL	20.0 PSF	REF	R215-- 86707
TC DL	10.0 PSF	DATE	12/14/07
BC DL	10.0 PSF	DRW	HCUSR215 07348009
BC LL	0.0 PSF	HC-ENG	CR/DLJ
TOT.LD.	40.0 PSF	SEQN-	209817
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TDA215_Z01



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RESPECT (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 ENTERPRISE LANE, MADISON, MI 48061) FOR SAFETY PRACTICES. TRUSSES ARE NOT TO BE USED IN ANY MANNER 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. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HUD (NATIONAL DESIGN SPEC, BY AREA) AND TPI. CONNECTOR PLATES ARE MADE OF 20/18/16GA (M-H/SS/K) ASTM A653 GRADE 40/60 (W. K/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANHIX A3 OF TPI 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT FABRICATOR 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 Certificate of Authorization # 0 278

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

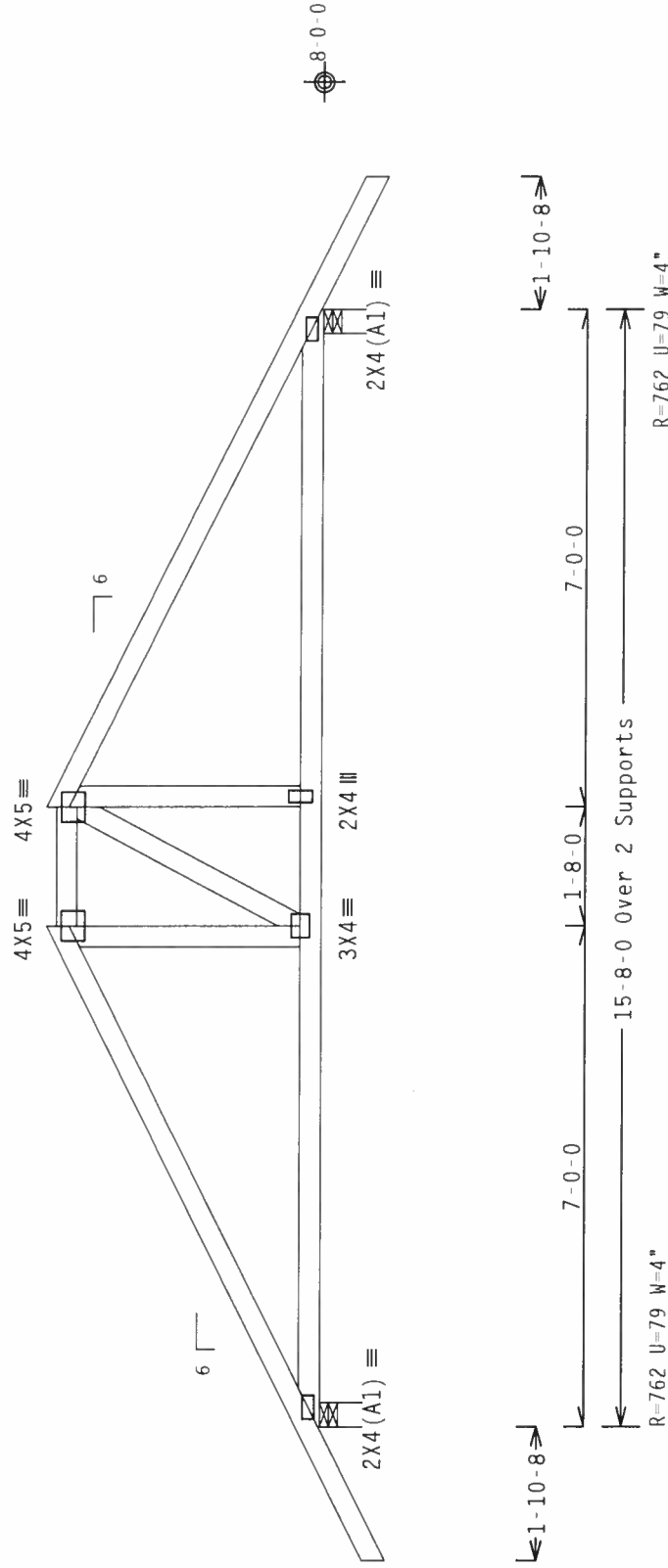
Wind reactions based on MWFRS pressures.

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

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

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

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



Design Crit: TPI-2002(STD)/FBC

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

7.38.0810.

QTY:1 FL/-/6/-/-/R/-/

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

WARNING: RUSSSELL REQUIRES EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT) SAFETY INFORMATION (BCSI), PUBLISHED BY ITS MANUFACTURER, FOR ALL RULES, REGULATIONS, ETC. NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314, AND WICA (WOOD TRUSS COUNCIL OF AMERICAN ENTERPRISE LINE), SUITE 101, 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CORDING.

[illegible]

TC LL 20.0 PSF

TC DI	10 0 DCE
-------	----------

10.0 F3H

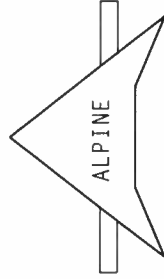
70 DL 10.0 PSF

BC LL 0.0 PSF

TOT.LD. 40.0 PSF

DUR. FAC. 1.25

SPACING 24.0"



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

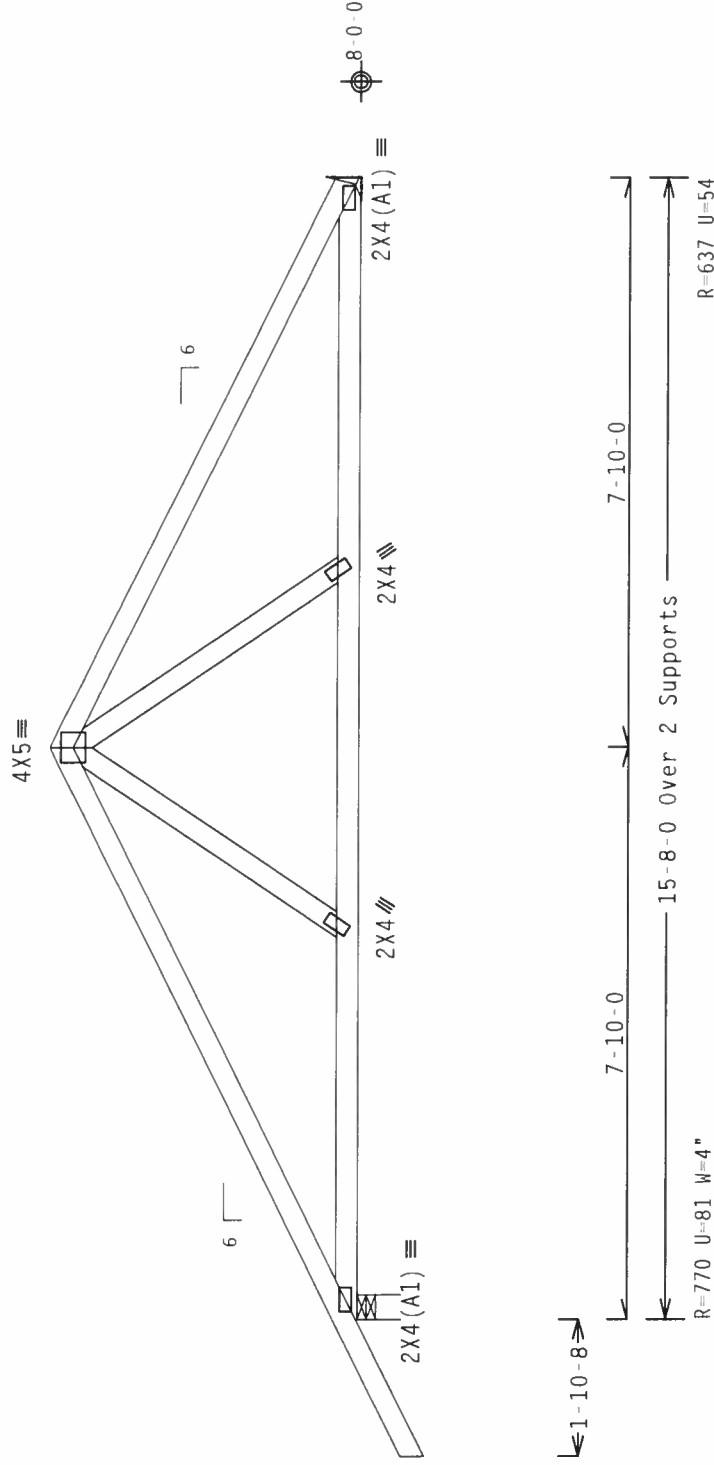
Top chord	2x4	SP	#2 N
Bot chord	2x4	SP	#2 N
Webs	2x4	SP	#2 N

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 4-3-3.



Design Crit: TPI-2002(STD)/FBC

 $Cq/RT=1.00(1.25)/0(0)$
$$25)/0(0) \quad 7$$

0810

QTY:1 FL/-/6/-/-/R/-

Scale = .375"/Ft.

WARNING: TRUSSES REQUIRING EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, UNLOADING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314, AND WEA TRUSS, COUNCIL OF AMERICA, 6300 MIDWINTER LANE, MADISON, WI 53719, FOR SAFETY PRACTICES FOR PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

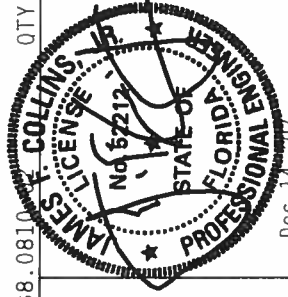
*****WARNING***** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PEARL INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304) AND NITA (WOOD TRUSS COUNCIL OF AMERICA, 63000 CANTERBURY 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 CORDING.

*****IMPORTANT***** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, LLC, 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.

*****WARNING***** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (CRUISS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND NITA (WOOD TRUSS COUNCIL OF AMERICA, 6300 CHURCH LANE, SUITE 11, 53719, WI) 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 CLELLING.

*****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. TYPICAL CONNECTOR PLATES ARE MADE OF 2018/16GA (40/10/55/8K) ASTM A653 GRADE 40/60 (44 K/55 K) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763,



Haines City, FL 33844
FL Certificate of Authorization # 02788

Haines City, FL 33844
FL Certificate of Authorization # 02788

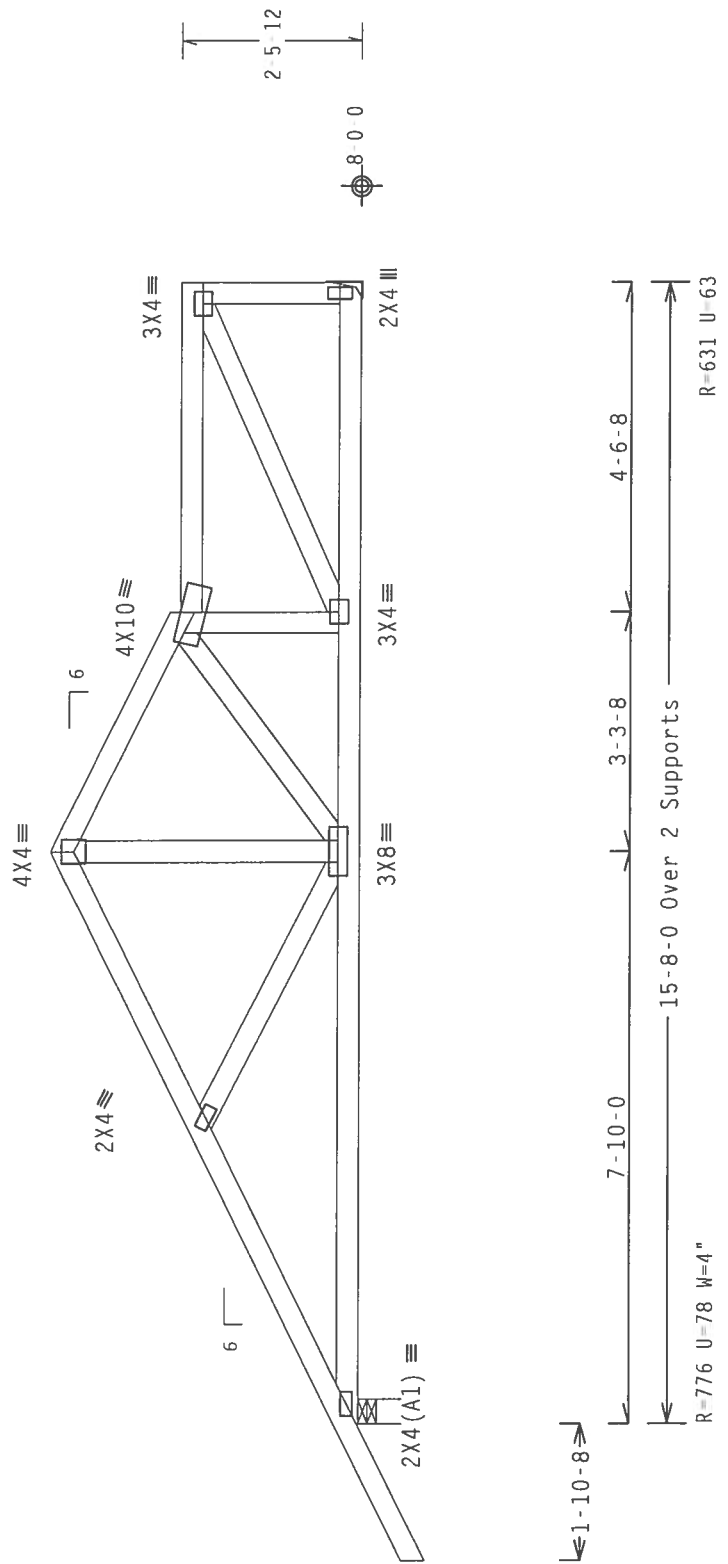
Haines City, FL 33844
FL Certificate of Authorization # 02788

110 mph wind, 15.00 ft mean ht., 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. $I_w=1.00$ GCpl(γ)=0.18

Wind reactions based on MWFRS pressures.

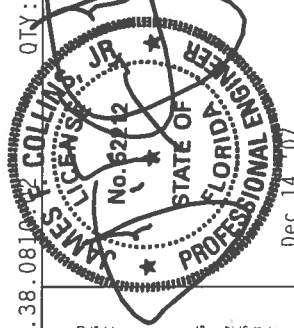
Right end vertical not exposed to wind pressure.

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

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

Scale = .375" / Ft.

TC LL	20.0	PSF	REF	R215 -	86712
TC DL	10.0	PSF	DATE	12/14/07	
BC DL	10.0	PSF	DRW	HCUSR215	07348014
BC LL	0.0	PSF	HC-ENG	CR/DLJ	
TOT.LD.	40.0	PSF	SEQN-	209846	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1TDA215_Z01	

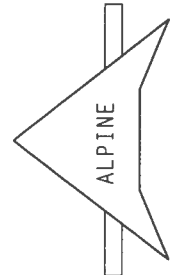


Dec 14 '07

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING REFER TO BEST AVAILABLE FABRICATOR'S SPECIFICATIONS FOR THE FOLLOWING INFORMATION). PUBLISHED BY (TRUSS PLATE INSTITUTE, 2180 WILSON LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 E. HIGHWAY 97, DENVER, CO 80231) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AF&PA) AND TPI. CONNECTIONS TO PLATES ARE MADE OF 2018/18GAL (W/55%ZK) ASH 6053 GRADE 40/60 (4, 6/16,SS) GALV. STEEL. ALL TRUSS COMPONENTS SHALL BE MANUFACTURED IN ACCORDANCE WITH THE REQUIREMENTS OF TPI 2002 SEC. 3. AN INSPECTION OF PLANTS LOADED BY SUBMITTALS MUST BE COMPLETED BY APRIL 1, 2002 SEC. 3. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY TO SELLER OR THE TRUSS COMPONENTS. THE SELLER SHALL BE RESPONSIBLE FOR THE DESIGN AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER 4051/TPI 1 SEC. 2.



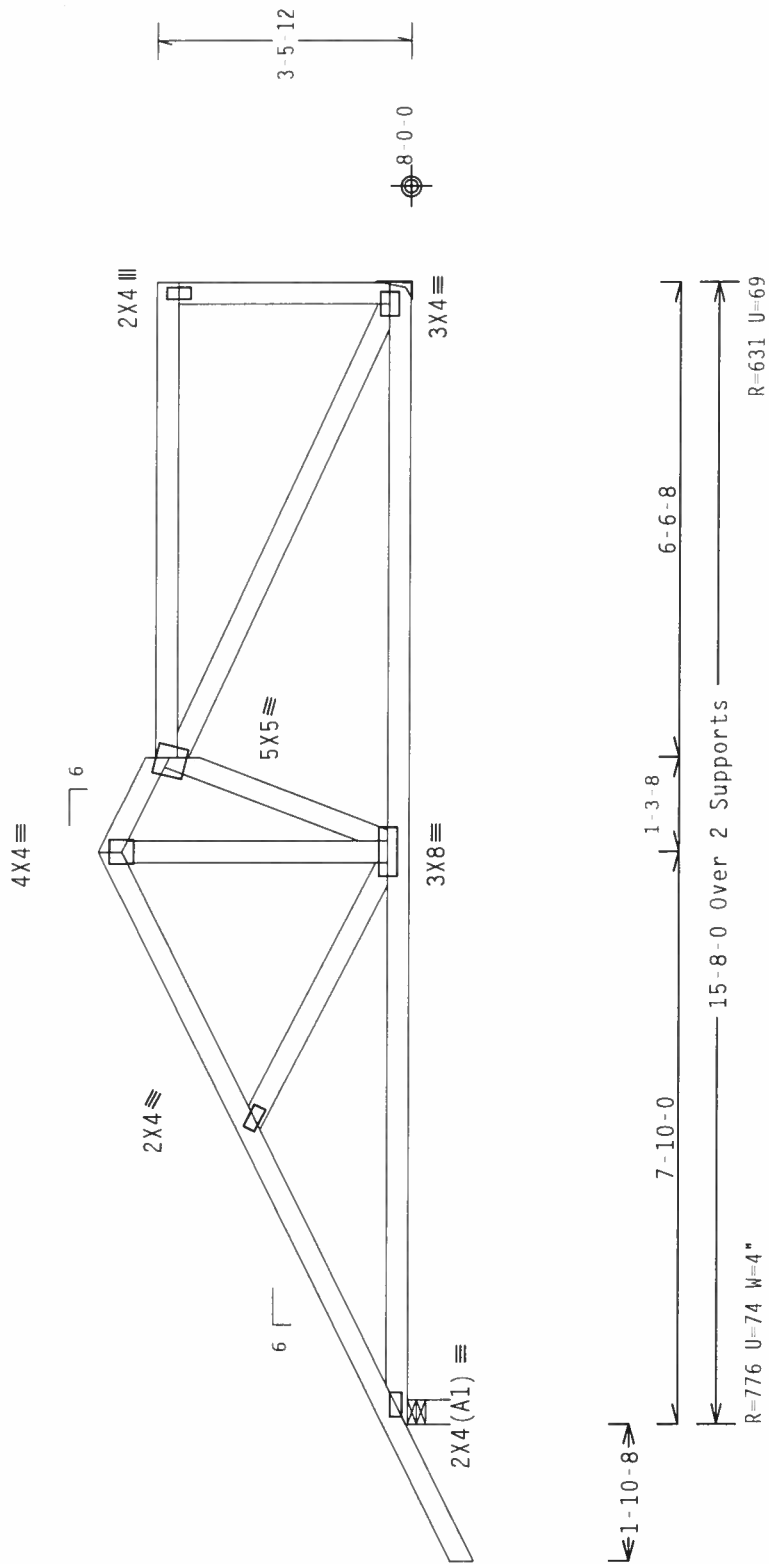
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

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. $1w=1.00$ GCpl (+/-)=0.18

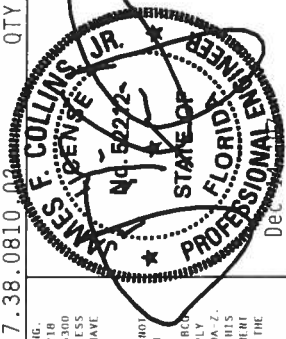
Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

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

FL/-/6/-/-/R/-	Scale = .375"/Ft.
TC LL 20.0 PSF	REF R215-- 86713
TC DL 10.0 PSF	DATE 12/14/07
BC DL 10.0 PSF	DRW HCUSR215 07348015
BC LL 0.0 PSF	HC-ENG CR/DLJ
TOT.LD. 40.0 PSF	SEQN- 209850
DUR.FAC. 1.25	FROM CDM
SPACING 24.0"	JREF- 1TDA215 Z01

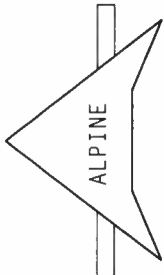


****WARNING**** TRUSSES REQUIR EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING AFTER TO BESET. BUILDING COMPANIES (OR INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTALLATION), 218 NORTH LEE STREET, SUITE 312, ALPHEMORA, VA, 22314 AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 WILSON AVENUE, FORT WORTH, TEXAS 76116) HAVE SPECIFIC SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, ALL 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, TTH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY ALPRA) AND TPI. TTH BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/55%) ASTM A653 GRADE 40/46 (N, KYN-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, PUN DIAMETERS 160A-2. A SCAL ON THIS DRAWING INDICATES THE PLATE TO BE FOLLOWED BY (1) SHALL BE PER ANNEA AS OF 1911-2002 SEC.3.

DESIGNING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOCIETY FOR THE TRUSS COMPONENT DESIGN SHOWING THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ASD/TPI 1 SEC.2.



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

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

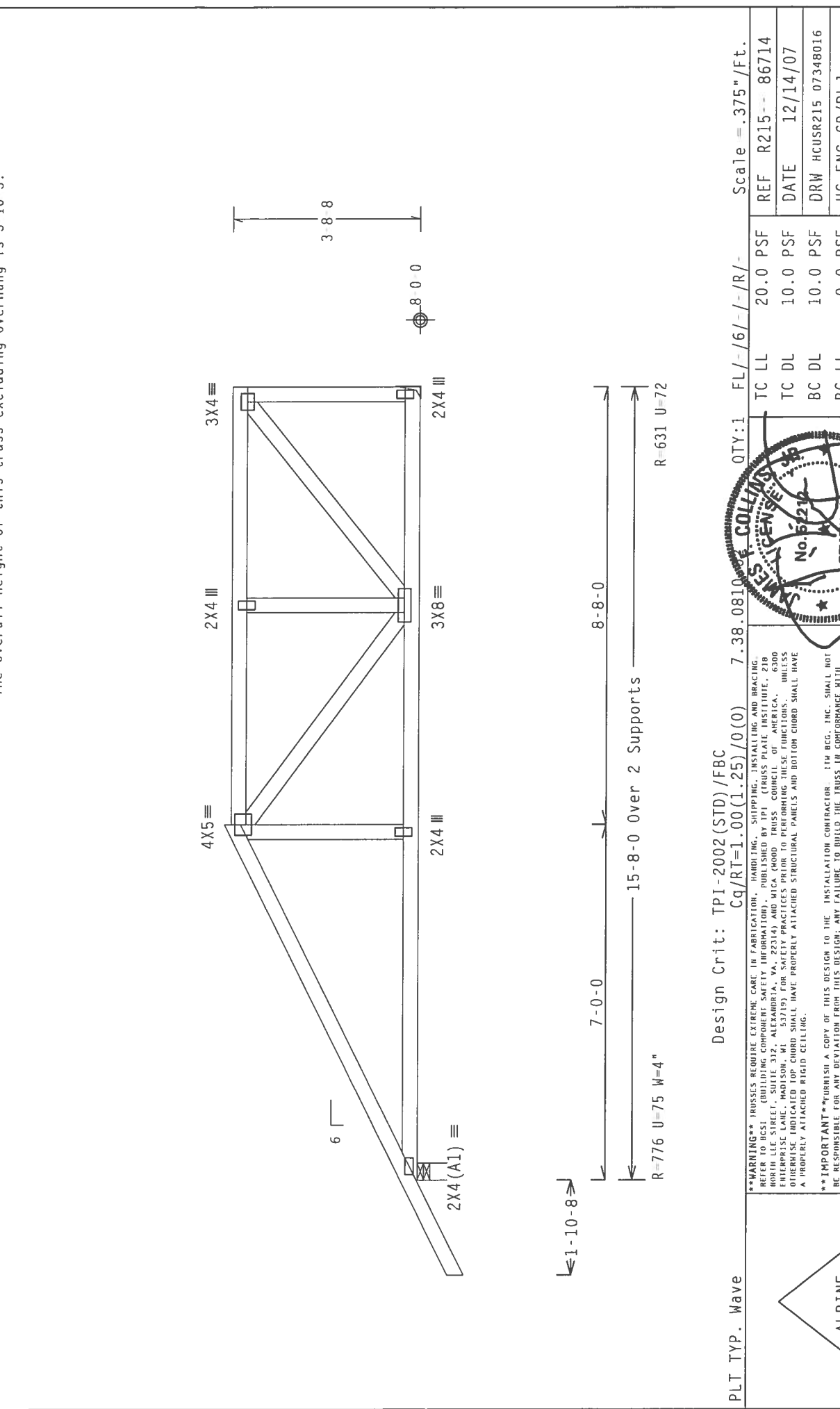
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

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) 7.38.0810

QTY:1 FL/-/6/-/R/- Scale = .375"/Ft.

REF	R215--	86714
DATE	12/14/07	
DRW	HCUSR215	07348016
HC-ENG	CR/DLJ	
SEQN-	209854	
FROM	CDM	
JREF-	1TDA215_Z01	

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

JAMES P. COLLINGS JR.
No. 62212
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Dec 14 '07

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION (CDM) PUBLISHED BY THE TRUSS COUNCIL OF AMERICA, 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND MICA (WOOD TRUSS COUNCIL OF AMERICA), 6300 ENTERPRISE LANE, MADISON, MI 48071, 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-1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ITW BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI-1. CONNECTOR PLATES ARE MADE OF 2018/16GA (4-11/16") ASTM A653 GRADE 40/60 (4, 4/8") GALV. STEEL. APPLY AND INSPECT EACH OF THE TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 16GA 2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SELECT FOR THE TRUSS DESIGNER'S DRAWING. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

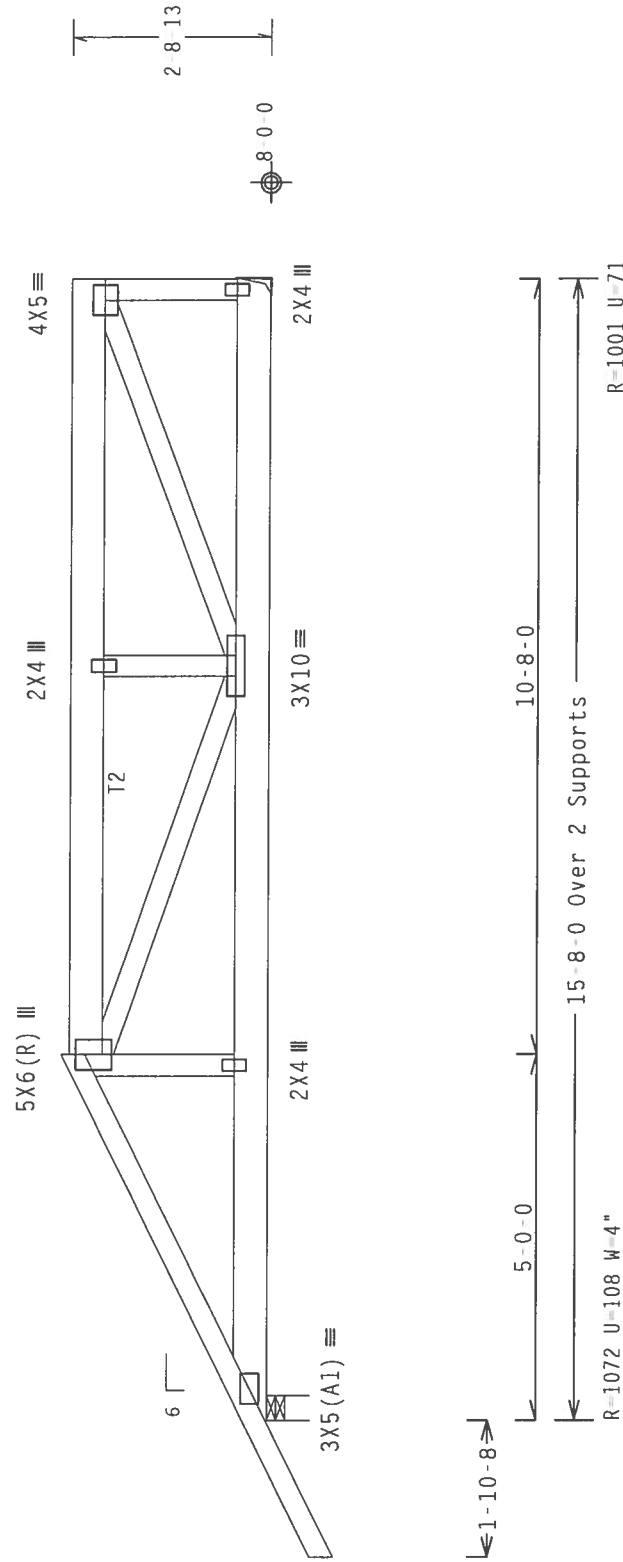
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL 5.0 psf, wind BC DL 5.0 psf. $I_w=1.00$ GCPI(+/-)=0.18

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

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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



Design Crit: TPI-2002(STD)/FBC

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

QTY:1

FL/-/6/-/-/R/-

Scale = .375"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING UP TO BEGINS BUILDING COMPONENT SAFETY INFORMATION AND PUBLISHED BY THE (RUSS PLATE INSTITUTE, 2100 REEFER STREET, SUITE 300, ALEXANDRIA, VA 22314) AND PICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 WILSON AVE, SUITE 200, WILSON, NC 27157) FOR THE PURPOSE OF THE TRUSS MANUFACTURING INDUSTRY. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CLING.

TC LL	20.0 PSF	REF R215 - 86715	Scale - 3/32" = 1'-0"
TC DL	10.0 PSF	DATE	12/14/07

***IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, LLC, SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH ITH BCG, LLC, OR FABRICATING, HANDLING, SHIPPING, INSTALLING OR BRACING OF TRUSSES, AT APMX AND IPT. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA) AND IPT. CONNECTOR PLATES ARE MADE OF 2017/18/16GA (N/155K) ATN A663 GRADE 50/60 (N. K/H-55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER APMX A3 OF IPT 2002 SEC. 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, CONSTRUCTION, ERECTING, AND ERECTING RESPONSIBILITY, SOLELY FOR THE TRUSS COMPONENT OF THE BUILDING. THE SUSTAINABILITY AND GREENING OF THIS CONTRACT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER APMX/IPT 1, SEC. 2.

BC DL	10.0	PSF	DRW	HCUSTR215	07348017
BC LL	0.0	PSF	HC-ENG CR/DLJ		
TOT.LD.	40.0	PSF	SEQN	209858	
DUR.FAC.	1.25		FROM	CDM	

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

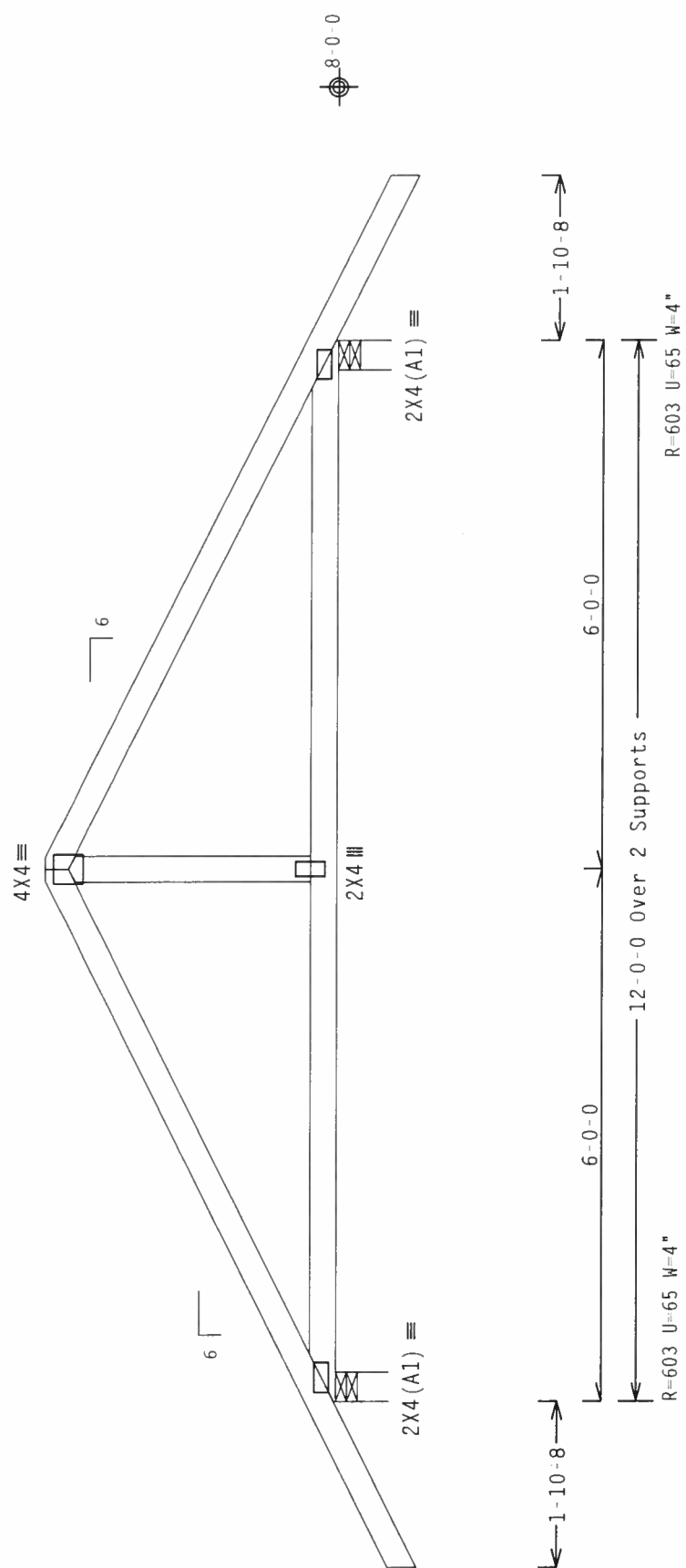
Top	chord	2x4	SP	#2	N
3ot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

1110 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 3-3-7.



PLT TYP. Wave

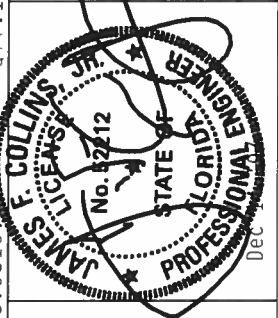
Design Crit: TPI-2002(STD)/FBC

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

QTY:1 FL/-/6/-/-/R/-/

Scale = .5"/Ft.

TC LL	20.0	PSF	REF	R215 -	86716
TC DL	10.0	PSF	DATE	12/14/07	
BC DL	10.0	PSF	DRW	HCUSR215	07348018
BC LL	0.0	PSF	HC-ENG	CR/DLJ	*
TOT.LD.	40.0	PSF	SEQN-	209811	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF -	1TDA215_Z01	

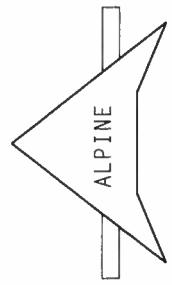


****WARNING**** TRUSSES REQUIRE EXTENSIVE CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION PUBLISHED BY THE MANUFACTURER FOR THE FOLLOWING: NORTH LEE STEEL, MODEL 312, 53719; FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, 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. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH ITH BCG'S FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN COMPLIES WITH APPLICABLE PROVISIONS OF NDS (ASTM DESIGN SPEC, BY AIA/P&A) AND ITH BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/55/K) ASTM A653 GRADE 40/60 (W/ K/HA-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 ITH1-2002 SEC.3.

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT IN THIS DESIGN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANS1/P1 1 SEC. 2.



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

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

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

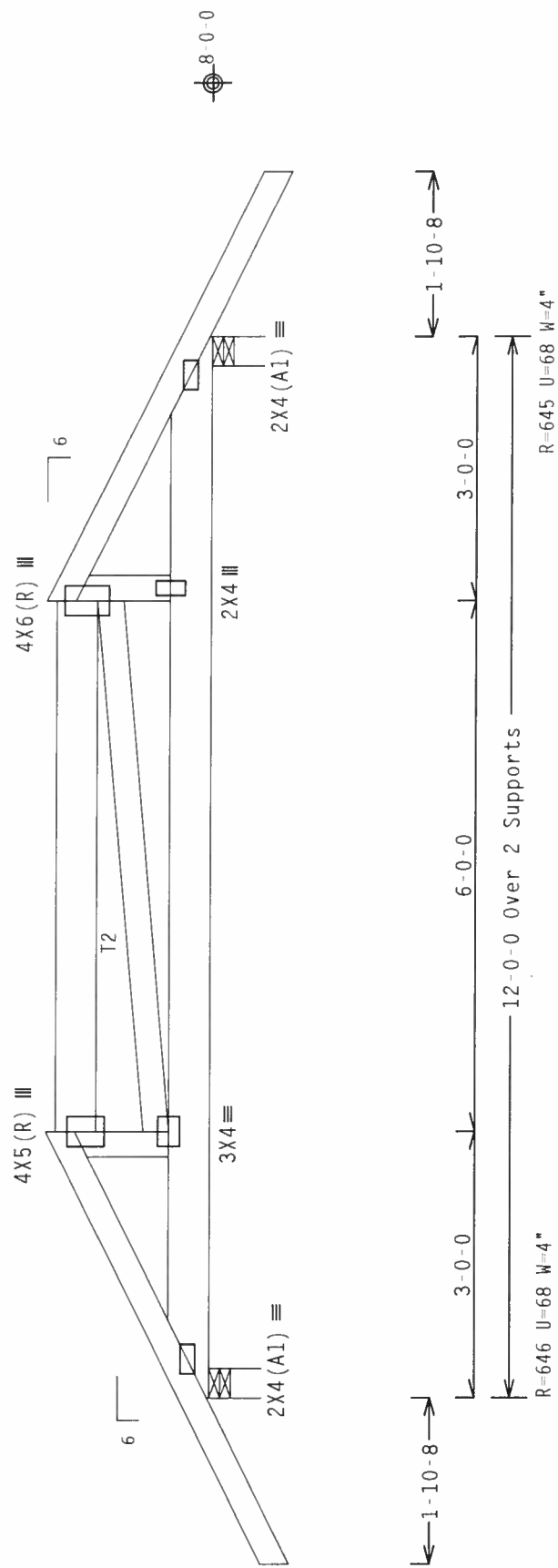
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Wind reactions based on MWFRS pressures.

#1 hip supports 3-0-0 jacks with no webs.

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

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

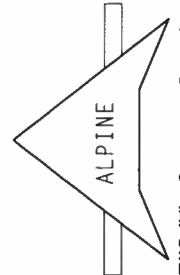


Design Crit: TPI-2002(STD)/FBC

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

QTY:1 FL/-/6/-/R/-

Scale =.5"/Ft.



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

****WARNING**** TRUSSES REQUIRING EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DESIGN (BUILDING COMPONENT SAFETY INFORMATION) - PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 2718 HUNTER LANE, MADISON, WI 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING A 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 2018/166A (N-H/SS/N) ASTM A653 GRADE 40/60 (N, K/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL OR THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT. ITW BCG SHALL NOT BE RESPONSIBLE FOR THE DESIGN, FABRICATION, OR USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

JAMES F. COLLINS, JR.
LICENSED PROFESSIONAL ENGINEER
No. 52273
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Dec 14 2007

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-- 86718
DATE 12/14/07
DRW HCUSR215 07348020
HC-ENG CR/DLJ
SEQN- 209805
FROM CDM
JREF- 1TDA215_Z01

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

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

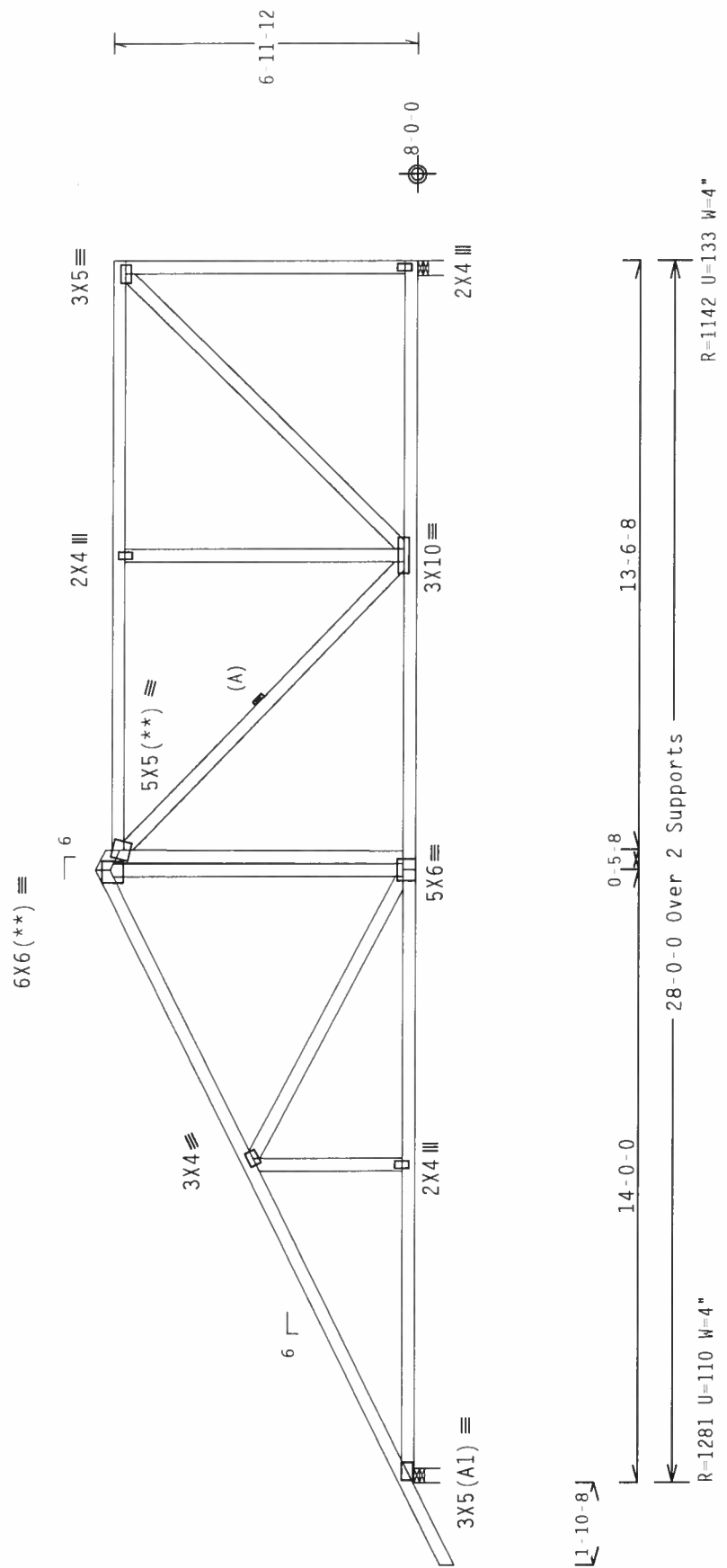
(**) 2 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

(A) Continuous lateral bracing equally spaced on member.

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 7-4-3.



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

Scale = .25"/Ft.

QTY:1 FL/-/6/-/-/R/-

0810-0002-2 COLLEGE

36	$\frac{0(0)}{0(0)}$	7.38.
----	---------------------	-------

$$Cq/RT=1.00(1.25$$

DESIGN CLUB.

UADN INC

YP. Wave

PLT T

****WARNING**** TROUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST SUITING COMPONENT SAFETY INFORMATION, PUBLISHED BY IPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND AITCA (4000 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.

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

Dec 14 '07

Haines City, FL 33844
FL Certificate of Authorization #0278

1110 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

Wind reactions based on MWFRS pressures.

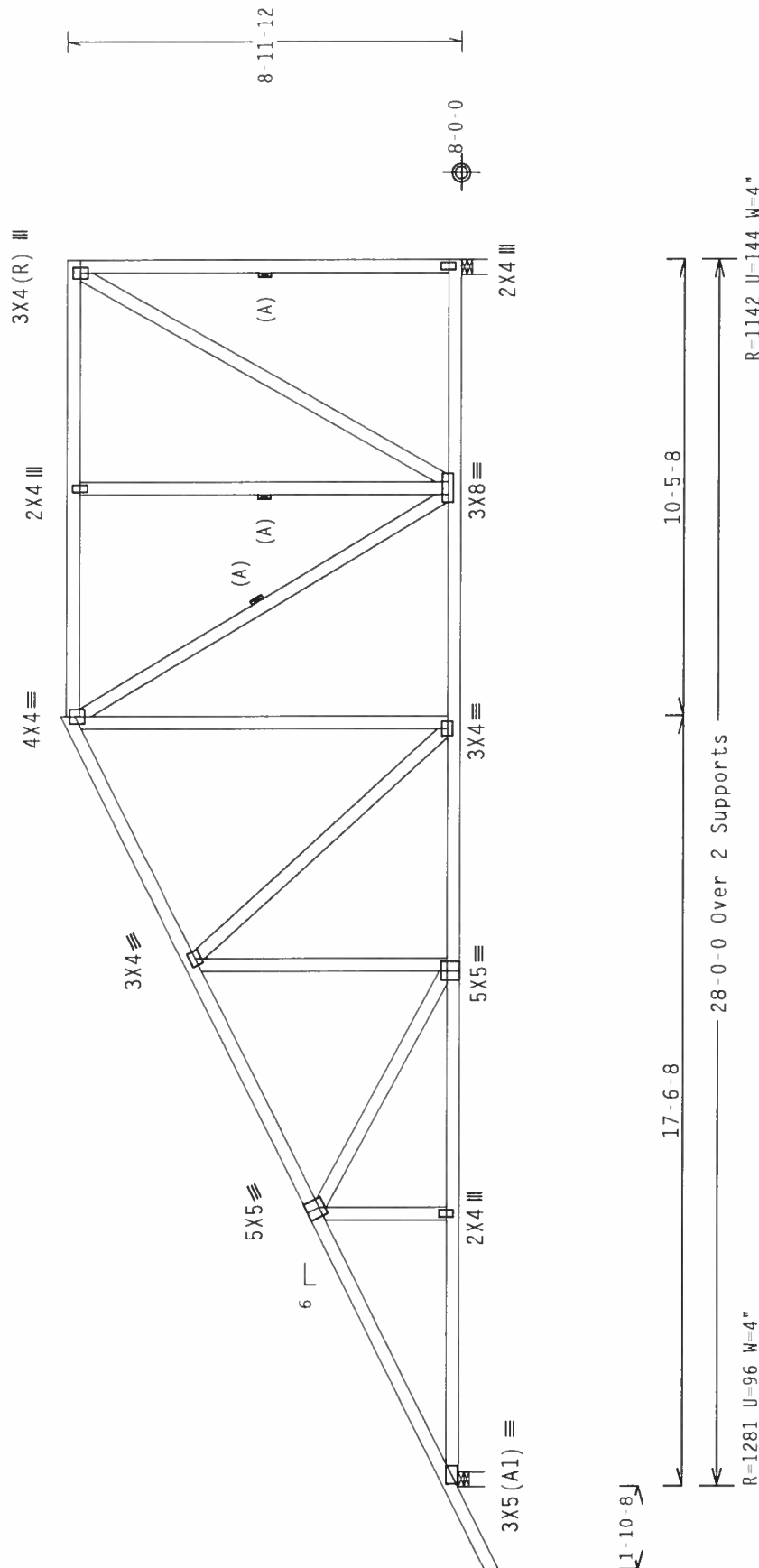
Right end vertical not exposed to wind pressure.

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

(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 9-1-7.



Design Crit: TPI-2002(STD)/FBC

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

QTY:1 FI / - / 6 / - / - / R / -

$$\text{Scale} = 25''/\text{ft}$$

PLT TYP. Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMING SAFETY INFORMATION, PUBLISHED BY IP (CROSS PANEL INSTITUTE, 6300 WILSON AVENUE, CHICAGO, ILLINOIS 60631) FOR SAFETY PRACTICES PERTAINING TO PERFORMING THESE WORKS. OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CELLING.

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

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF INDUS (NATIONAL DESIGN SPEC., BY ACPRA) AND TPI-1 CONNECTION PLATES ARE MADE OF 20/18/TIGAL (M-H/55K) LATH A653 GRADE 40/60 (M, K/H/SS) GALV. STEEL. APPLY TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, PER DRAWINGS T6G9.2. SEAL ON THIN OR DRAMING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT OF THE DESIGN SHOWN. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANS/TP1 1 SEC. 2.

TC LL	20.0	PSF	REF	R215 - -	86721
IC DL	10.0	PSF	DATE	12/14/07	
BC DL	10.0	PSF	DRW	HCUSR215	07348023
BC LL	0.0	PSF	HC-ENG	CR/DLJ	
TOT.LD.	40.0	PSF	SEQN-	210007	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1TDA215	Z01

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

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

(A) Continuous lateral bracing equally spaced on member.

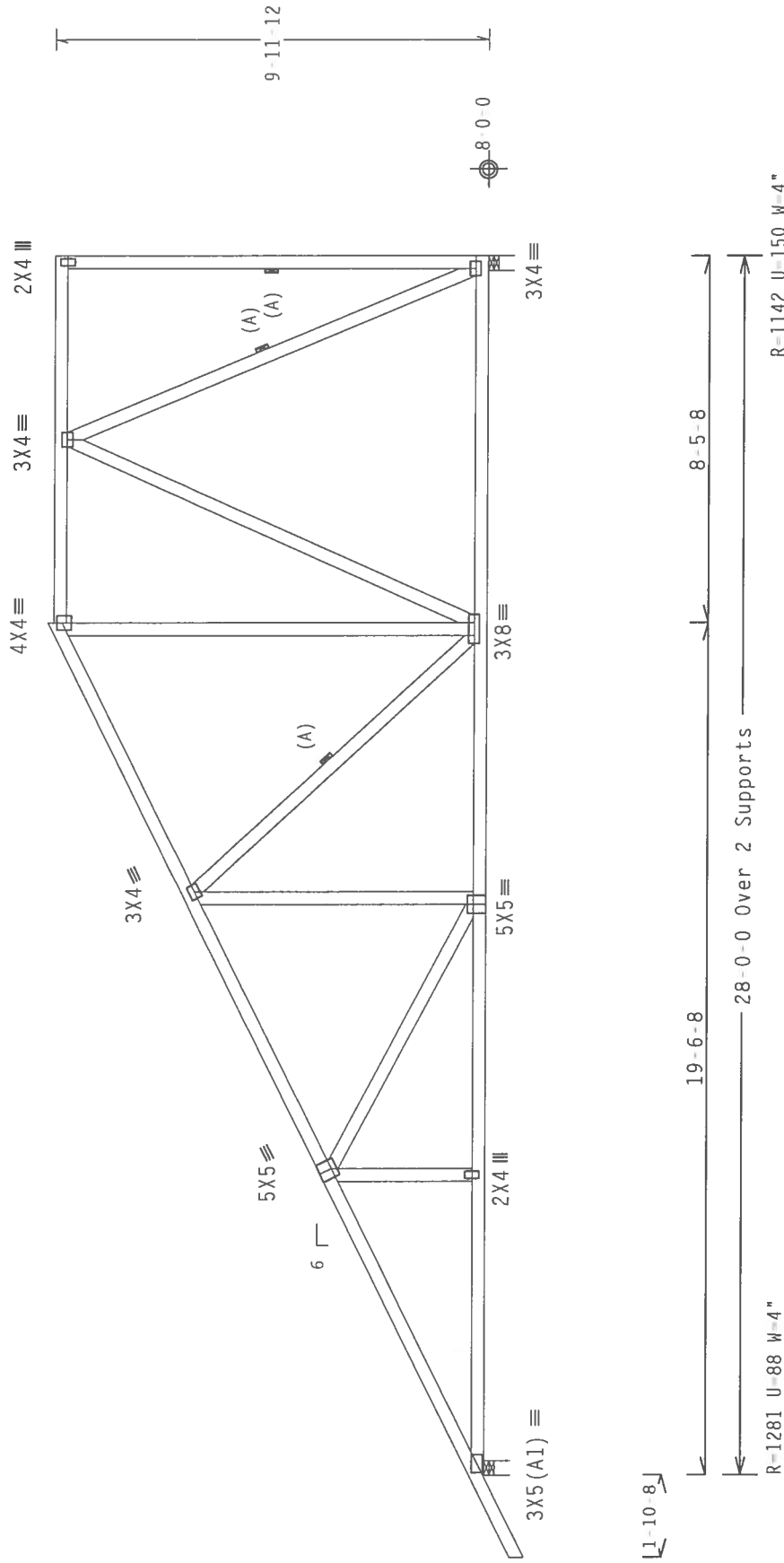
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

The overall height of this truss excluding overhang is 10.17.

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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



Design Crit: TPI-2002(STD)/FBC

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

QTY:1 FL/-/6/-/1-1R/-

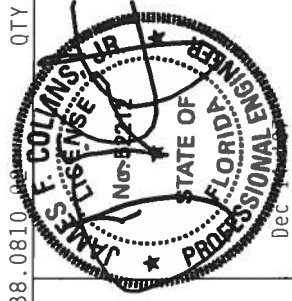
Scale = .25"/Ft.

WARNING PRINCESS REQUIRE EXTENSIVE CARE IN INFORMATION HANDLING. SHIPPING, INSTALLING AND BRACING REFER TO BCSE (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY IPT (CRUISES PLEASURE INSTITUTION), 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314, AND VICA (VIRGINIA CRUISE ASSOCIATION), 6300 WILMINGTON AVENUE, SUITE 100, WILMINGTON, DE 19804. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

****WARNING**** BRUSSELS REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND PRACITICE REFER TO BCSTI TRUSSING COMPONENT SAFETY INFORMATION. PUBLISHED BY IPTI (TRUSSING PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND METAL AND WOOD TRUSS COUNCIL OF AMERICA, 63000 ENTERPRISE LANE, SUITE 312, 537019 (A, 22314) FACTORIES 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 BEAM.

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

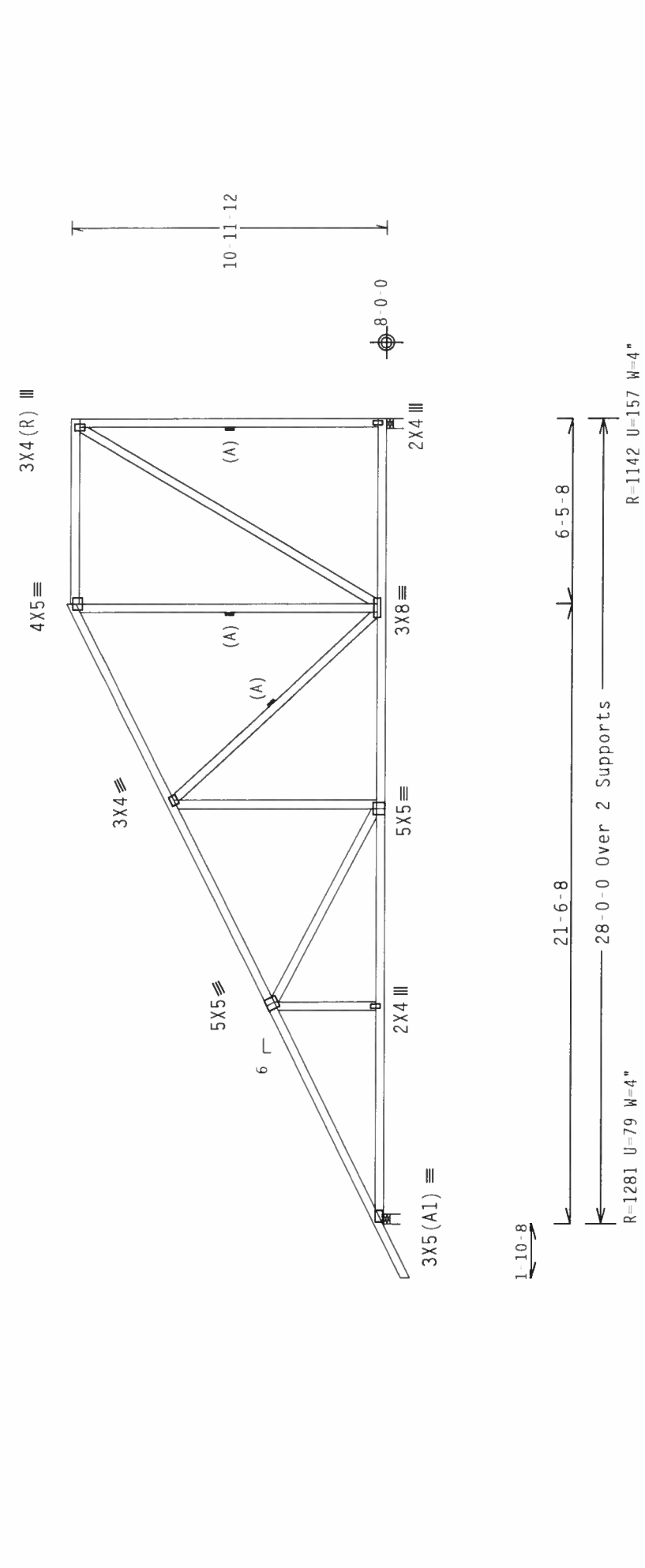
DESIGN CONFORMS WITH APPLICABLE REQUIREMENTS OF AISC (NATIONAL DESIGN SPEC, BY AISC) AND IPTI. TRUSSING COMPONENTS ARE APPROVED FOR USE IN THE FOLLOWING AREAS: 1. ASH A653 GALV 40/60 (A, 6/21/85) GALV. STEEL: APPLY TO ALL TRUSSES. 2. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 3. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 4. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 5. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 6. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 7. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 8. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 9. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 10. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 11. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 12. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 13. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 14. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 15. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 16. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 17. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 18. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 19. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 20. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 21. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 22. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 23. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 24. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 25. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 26. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 27. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 28. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 29. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 30. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 31. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 32. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 33. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 34. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 35. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 36. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 37. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 38. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 39. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 40. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 41. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 42. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 43. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 44. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 45. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 46. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 47. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 48. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 49. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 50. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 51. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 52. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 53. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 54. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 55. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 56. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 57. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 58. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 59. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 60. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 61. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 62. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 63. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 64. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 65. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 66. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 67. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 68. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 69. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 70. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 71. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 72. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 73. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 74. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 75. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 76. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 77. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 78. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 79. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 80. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 81. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 82. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 83. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 84. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 85. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 86. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 87. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 88. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 89. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 90. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 91. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 92. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 93. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 94. 2010/16GA. (A, 10/15/95) GALV. STEEL: APPLY TO ALL TRUSSES. 95. 2010/16GA. (A,



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

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

- (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 11'-1.7'.



PLT TYP. Wave

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

Scale = .1875"/Ft.

TC LL	20.0 PSF	REF	R215 - -	86723
TC DL	10.0 PSF	DATE	12/14/07	
BC DL	10.0 PSF	DRW	HCUSR215	07348025
BC LL	0.0 PSF	HC-ENG	CR/DLJ	*
TOT.LD.	40.0 PSF	SEQN-	209999	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1TDA215_Z01	

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

STATE OF FLORIDA
PROFESSIONAL ENGINEER
No. 12247
Dec 14 '07

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION PUBLISHED BY THE MANUFACTURER OF THE TRUSS. NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22304 AND WEAH TRUSS, COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 48071 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 TPI1, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF IBCS (NATIONAL DESIGN SPEC. BY AIA/ASA) AND TPI1. CONNECTOR PLATES ARE MADE OF 2018/160A (40/60) GRADE 40/60 (4, 8/16.5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A 2. PLATES TO BE 1/4" THICK. ALL TRUSSES SHALL BE DESIGNED TO RESIST 1.25 TIMES THE DESIGN LOADS. THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS AND THE DESIGN SHOWN. THE LIABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, 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, $I_w=1.00$ $G C p_i(+/-)=0.18$

(A) Continuous lateral bracing equally spaced on member.

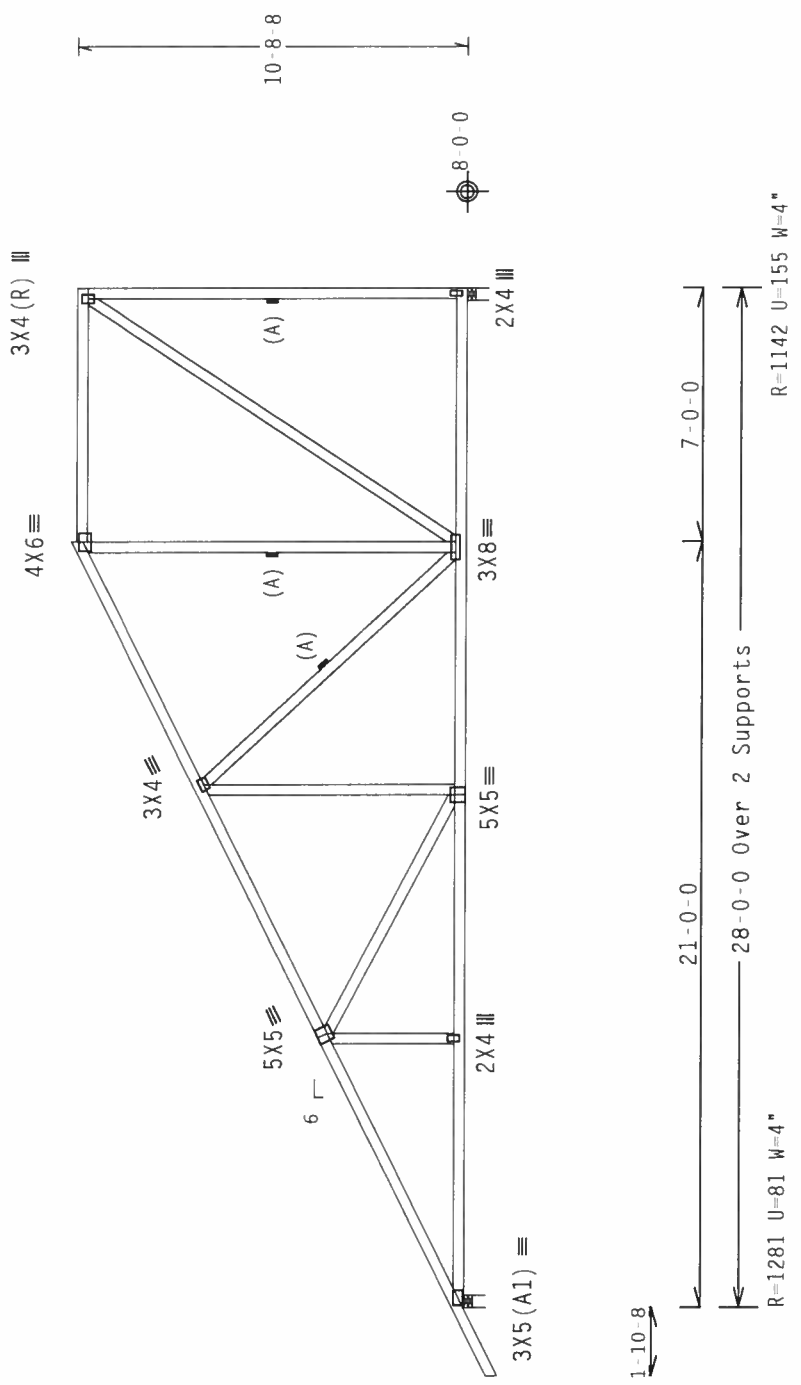
In lieu of structural panels use purlins to brace all flat IC @ 24" OC.

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

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
 $C_q/R_T=1.00(1.25)/0(0)$ 7.38.0810 7.38.0810
Scale = .1875"/Ft.

QTY:1	FL/-/6/-/R/-	TC LL	20.0 PSF	REF	R215--	86724
		TC DL	10.0 PSF	DATE	12/14/07	
		BC DL	10.0 PSF	DRW	HCUSR215	07348026
		BC LL	0.0 PSF	HC-ENG	CR/DLJ	*
		TOT.LD.	40.0 PSF	SEQN-	209994	
		DUR.FAC.	1.25	FROM	CDM	
		SPACING	24.0"	JREF-	1TDA215	Z01

James F. Collins, Jr.
Professional Engineer
State of Florida
License No. 72272

Dec 14 07

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

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



Scale = .25"/Ft.

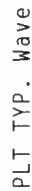
James City, FL 33644
FL Certificate of Authorization #0278

1110 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.

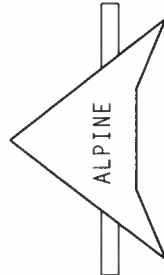
Right end vertical not exposed to wind pressure.

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

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

Scale = .25"/Ft.

TC LL	20.0 PSF	REF	R215--	86726
TC DL	10.0 PSF	DATE	12/14/07	
BC DL	10.0 PSF	DRW	HCUSR215	07348028
BC LL	0.0 PSF	HC-ENG	CR/DLJ	*
TOT.LD.	40.0 PSF	SEQN-	209986	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1TDA215	Z01



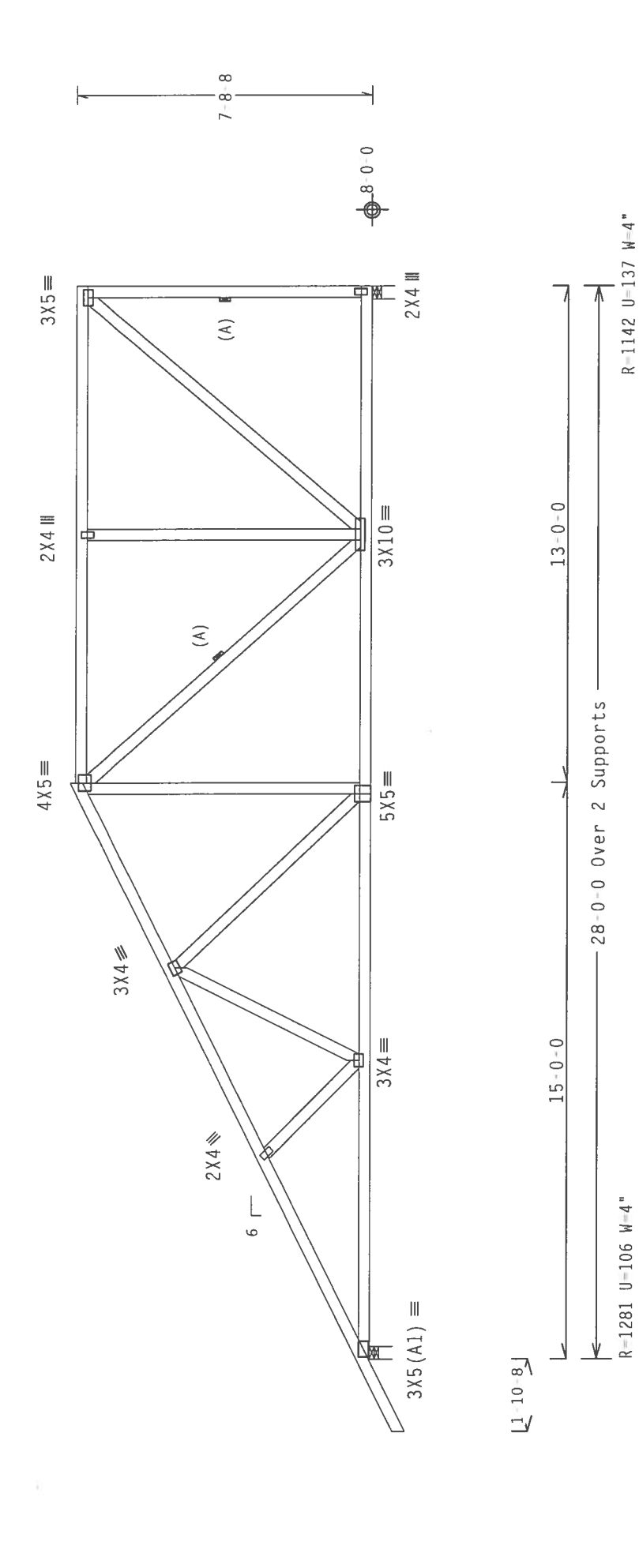
ITW Building Components Group, Inc.
Haines City, FL 33844

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 7' 10-3/4".

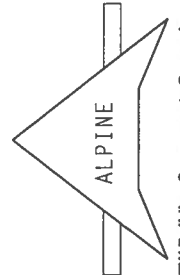
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ $G_{CPI}(\pm)=0.18$

Wind reactions based on MWFRS pressures.
Right end vertical not exposed to wind pressure.
Deflection meets L/240 live and L/180 total load.



PLT TYP. Wave

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



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THE TRUSS SHALL BE FABRICATED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. THE TRUSS SHALL BE SHIPPED AND HANDLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. THE TRUSS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. THE TRUSS SHALL BE MAINTAINED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. THE TRUSS SHALL BE REPAIRED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. THE TRUSS SHALL BE DEMOLISHED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. THE TRUSS SHALL BE RECYCLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. THE TRUSS SHALL BE REUSED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. THE TRUSS SHALL BE REPAIRED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. THE TRUSS SHALL BE DEMOLISHED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. THE TRUSS SHALL BE RECYCLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. THE TRUSS SHALL BE REUSED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE TRUSS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. THE TRUSS SHALL BE MAINTAINED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. THE TRUSS SHALL BE REPAIRED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. THE TRUSS SHALL BE DEMOLISHED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. THE TRUSS SHALL BE RECYCLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. THE TRUSS SHALL BE REUSED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

QTY: 1 FL / - / 6 / - / R / - Scale = .25" / Ft.

REF	R215	-	86727
DATE	12/14/07		
DRW	HCUSR215	07348029	
HC-ENG	CR/DLJ	*	
SEQN	209982		
FROM	CDM		
JREF	1TDA215	Z01	

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. $I_w=1.00$ GCp1(+/-)=0.18

Wind reactions based on MWFRS pressures.

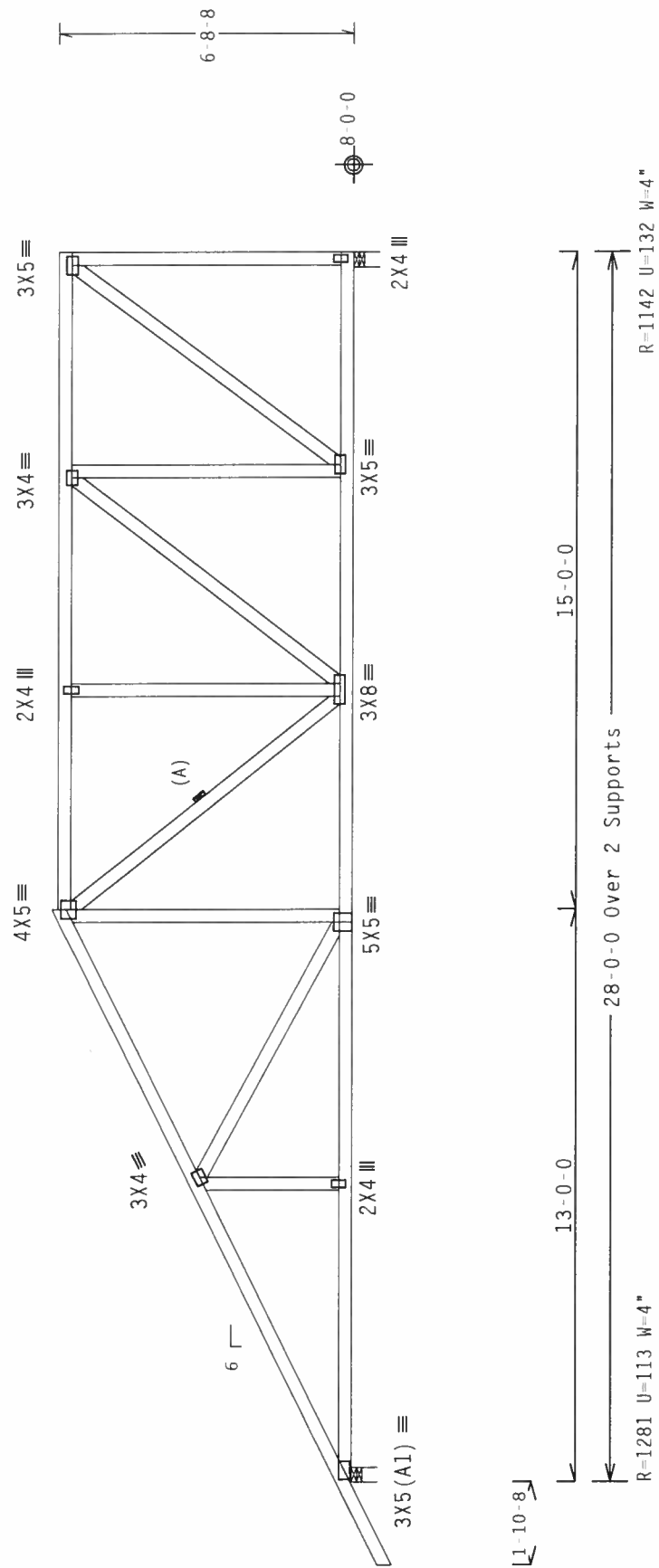
Right end vertical not exposed to wind pressure.

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

(A) Continuous lateral bracing equally spaced on member.

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

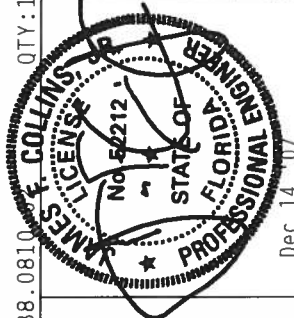
The overall height of this truss excluding overhang is 6-10-3.



Design Crit: TPI-2002(STD)/FBC

Scale = .25"/ft.

TC LL	20.0	PSF	REF	R215--	86728
TC DL	10.0	PSF	DATE	12/14/07	
BC DL	10.0	PSF	DRW	HCUSR215	07348030
BC LL	0.0	PSF	HC-ENG	CR/DLJ	*
TOT.LD.	40.0	PSF	SEQN-	209978	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1TDA215_Z01	

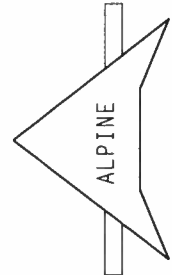


Dec 14 '07

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BBS¹ FOR BRACING COMPONENT SAFETY INFORMATION². PUBLISHED BY TPI³ (BRUSS PLATE INSTITUTE, 218 ENTERPRISE DRIVE, SUITE 312, ALEXANDRIA, VA 22304) AND BECA⁴ (WOOD TRUSS COUNCIL OF AMERICA, 6300 RIVERVIEW DRIVE, SUITE 100, FORT WORTH, TEXAS 76116). THESE PRACTICES PRIOR TO PERFORMING THESE ACTIONS, UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. T1W BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY VIATION OF THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH T1P1⁵ OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN COMES WITH APPLICABLE PROVISIONS OF AISC⁶ (NATIONAL DESIGN SPEC., BY AISC) AND TPI⁷. T1W BCG CONNECTION PLATES ARE MADE OF 20/18/17/16GA (W/55/57X) ASTM A653 GRADE 40/60 (K/41/55) GALV. STEEL. APPLY AN INSPECTION CHECK OF PLATES FOLLOWED BY A VISUAL INSPECTION OF THE TRUSS. RECORD FOR THIS DESIGN INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS COMPONENT OF THIS BUILDING. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISC/1P1 1 SEC. 2.



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

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

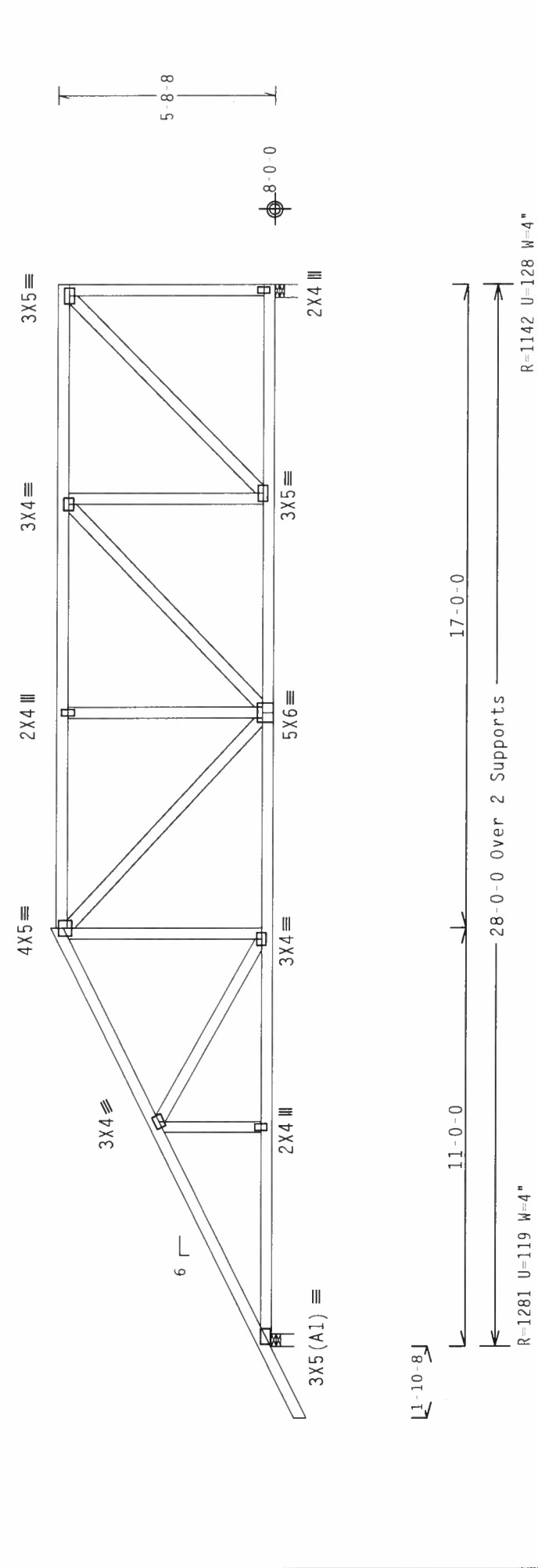
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ $G_{CPI}(+/-)=0.18$

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

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

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

7.38.0810

Scale = .25"/Ft.

QTY:1	FL/-/6/-/R/-	TC LL	20.0 PSF	REF	R215-- 86729
		TC DL	10.0 PSF	DATE	12/14/07
		BC DL	10.0 PSF	DRW	HCUSR215 07348031
		BC LL	0.0 PSF	HC-ENG	CR/DLJ
		TOT.LD.	40.0 PSF	SEQN-	209974
		DUR.FAC.	1.25	FROM	CDM
		SPACING	24.0"	JREF-	1TDA215_Z01

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

James F. Gollins, Inc.
Professional Engineer
State of Florida
No. 56272
Dec 14, 2007

Dec 14, 2007

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

30t	chord	2x6	SP	#2	N
	webs	2x4	SP	#2	N
1:1t	wedge	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

(A) Continuous lateral bracing equally spaced on member.

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

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

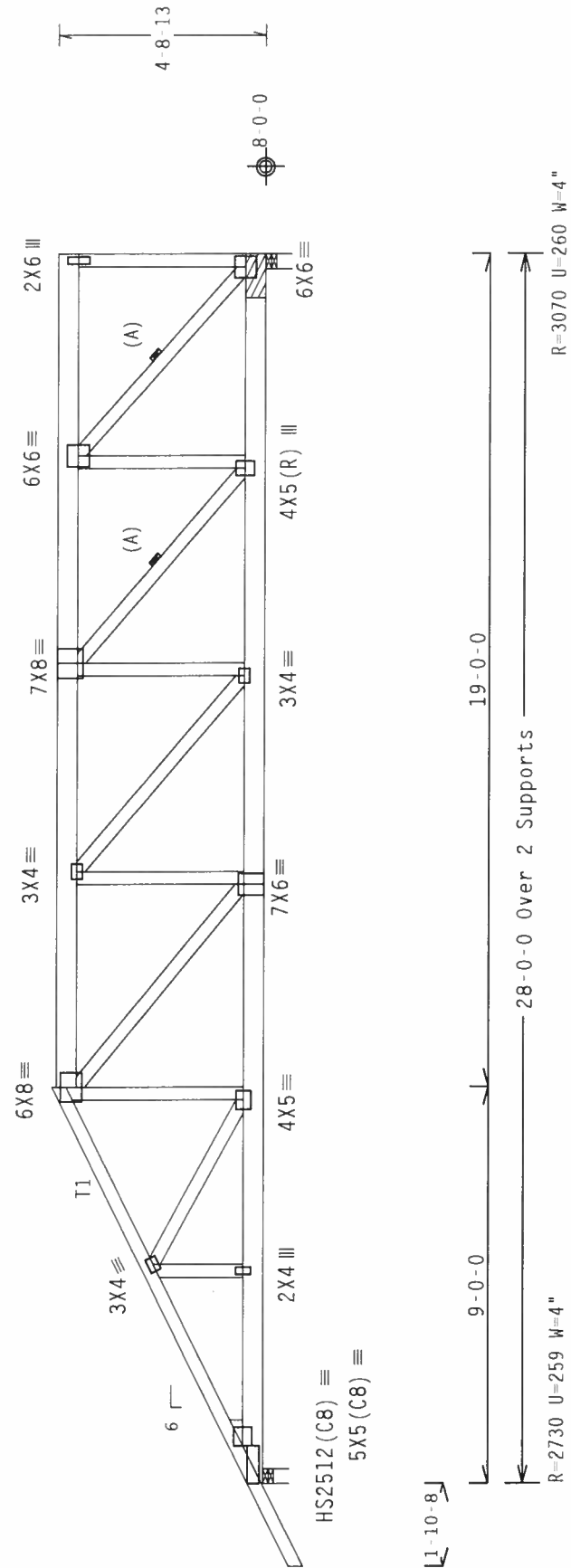
Bearing blocks: Nail type: 0.131"x3" Gun nails
 BBRG X-LOC #BLOCKS LENGTH/BLK #NAILS/BLK WALL PLATE
 2 27.66' 1 12" 4 Rigid Surface
 Bearing block to be same size and species as bottom chord.
 Refer to drawing CNBRGK0207 for additional information.

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. 20 Gauge HS.Wave

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

QTY:1 EL / - / 6 / - / - / R / - / -

Scale = 25"/Ft

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST AVAILABLE COMPONENT SAFETY INFORMATION, PUBLISHED BY THE CRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND AISC (4000 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.

****WARNING**** TRUSSES REQUIRE EXTENSIVE CARE IN FABRICATION, HANDLING, SHIPPING, UNLOADING, AND BRACING. REFER TO BCG'S (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY THE TRUSS MANUFACTURING INSTITUTE, 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314 AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314) PUBLISHED BY THE TRUSS MANUFACTURING INSTITUTE, 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314 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.

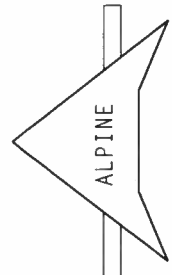
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. IF BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY VIOLATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE TRUSSING OR FABRICATING, HANDLING, SHIPPING, UNLOADING, AND BRACING OF TRUSSES.

****WARNING**** TRUSSES REQUIRE EXTENSIVE CARE IN FABRICATION, HANDLING, SHIPPING, STORAGE AND BRACING. REFER TO BCS' (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY ITW TRUSS COMPANY, INC., 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 1000 ENTERPRISE LANE, HUNTSVILLE, AL 35719) 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.

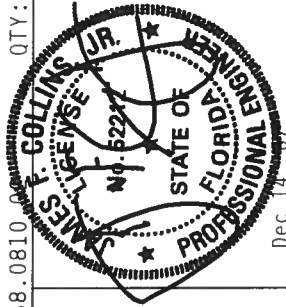
****IMPORTANT****URNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH ITW BCG'S (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY ITW TRUSS COMPANY, INC., 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 1000 ENTERPRISE LANE, HUNTSVILLE, AL 35719) 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.

****WARNING**** TRUSSES REQUIRE EXTENSIVE CARE IN FABRICATION, HANDLING, SHIPPING, STORAGE AND BRACING. REFER TO BCS' (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY ITW TRUSS COMPANY, INC., 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 1000 ENTERPRISE LANE, HUNTSVILLE, AL 35719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278



Dec 14 07

TC LL	20.0	PSF	REF	R215--	86730
TC DL	10.0	PSF	DATE	12/14/07	
BC DL	10.0	PSF	DRW	HCUSR215	07348032
BC LL	0.0	PSF	HC-ENG	CR/DLJ	
TOT.LD.	40.0	PSF	SEQN-	209970	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1TDA215_Z01	

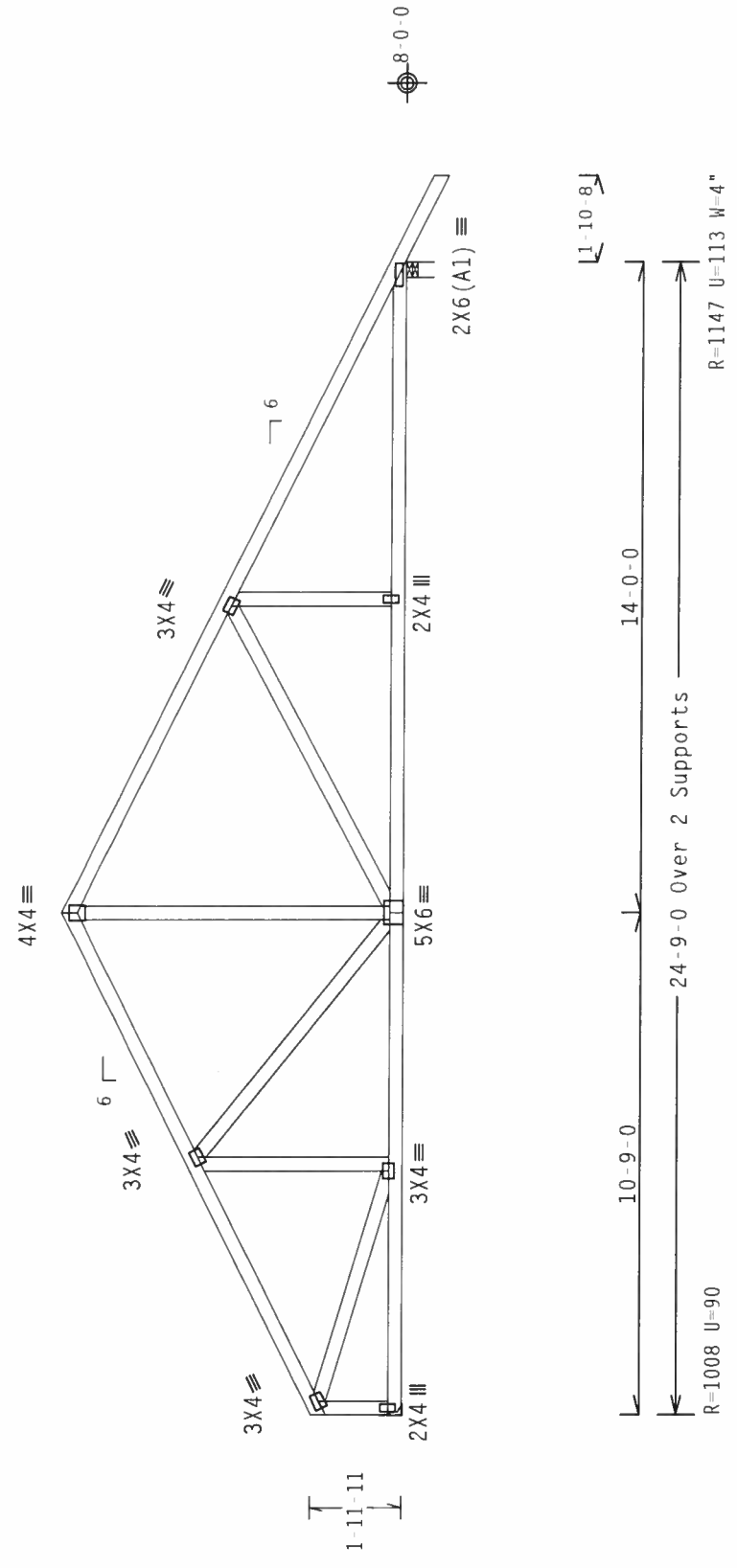
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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

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

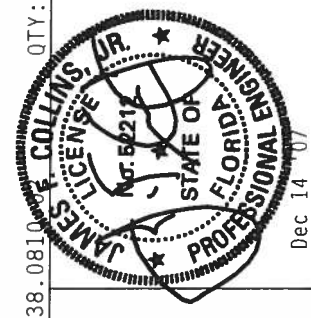
Wind reactions based on MWFRS pressures.

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



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

Scale = .25" / Ft.	REF R215 - - 86731
DATE 12/14/07	DRW HCUSR215 07348033
HC-ENG CR/DLJ	SEQN- 210038
FROM CDM	JREF - 1TDA215_Z01



****WARNING**** TRUSSES REQUIRING EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RECSI BUILDING COMPONENTS, INC., 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314 AND MICHAEL BAKER CORPORATION, 10000 WILSON AVENUE, SUITE 100, BOSTON, MA 02116 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 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. 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.

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

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. $lw=1.00 Gcp(+-)=0.18$

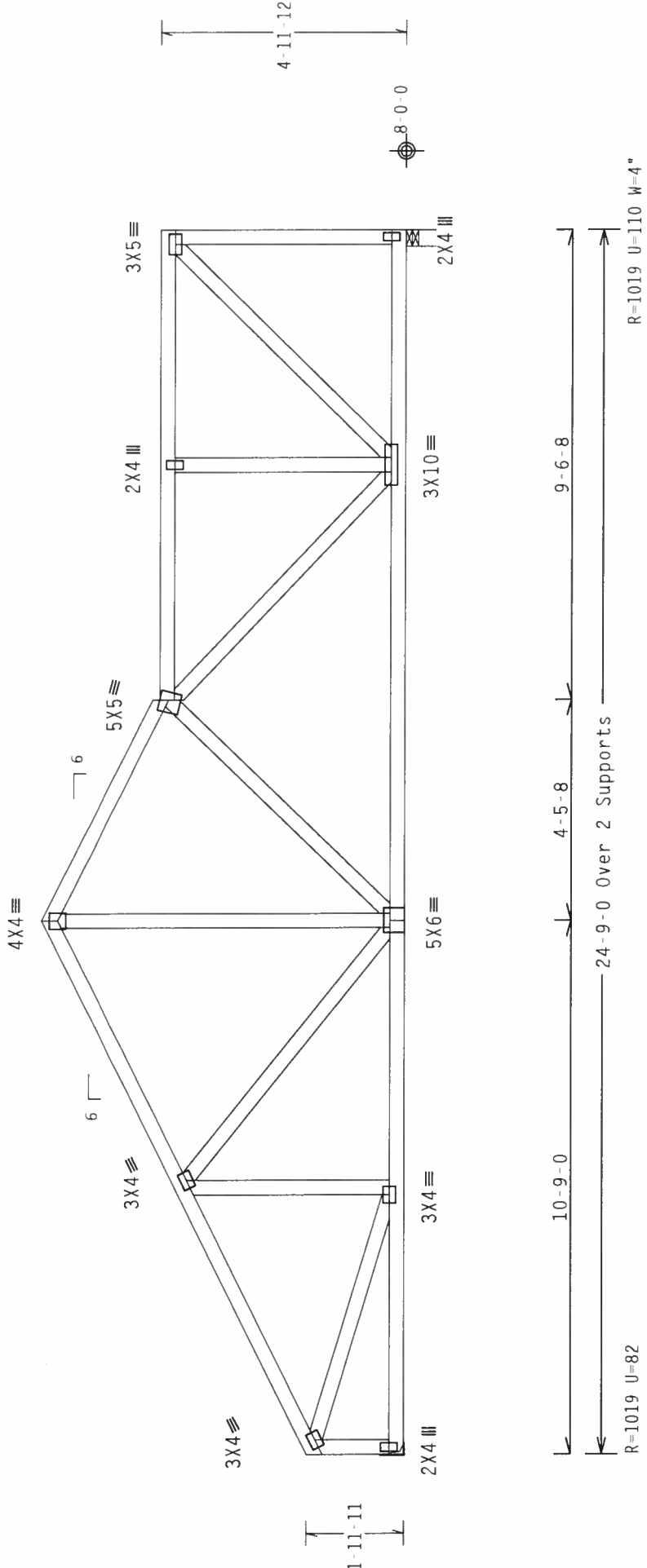
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Wind reactions based on MWFRS pressures.

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

Right end vertical not exposed to wind pressure.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave	QTY: 1	FL / - / 6 / - / R / -	Scale = .3125" / Ft.
	TC LL	20.0 PSF	REF R215 -- 86732
	TC DL	10.0 PSF	DATE 12/14/07
	BC DL	10.0 PSF	DRW HCUSR215 07348034
	BC LL	0.0 PSF	HC-ENG CR/DLJ
	TOT. LD.	40.0 PSF	SEQN- 210033
	DUR. FAC.	1.25	FROM CDM
	SPACING	24.0"	JREF- 1TDA215_Z01

****WARNING**** TRUSSES ROUTINE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 48224) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF IBCS (NATIONAL DESIGN SPEC. BY AIA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (4-H/55/K) ASTM A553 GRADE 40/60 (4. K/DLSS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS FIGS 2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS DESIGN. THE DESIGN SHOWN INDICATES THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AWS/TPI 1 SEC. 2.

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

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

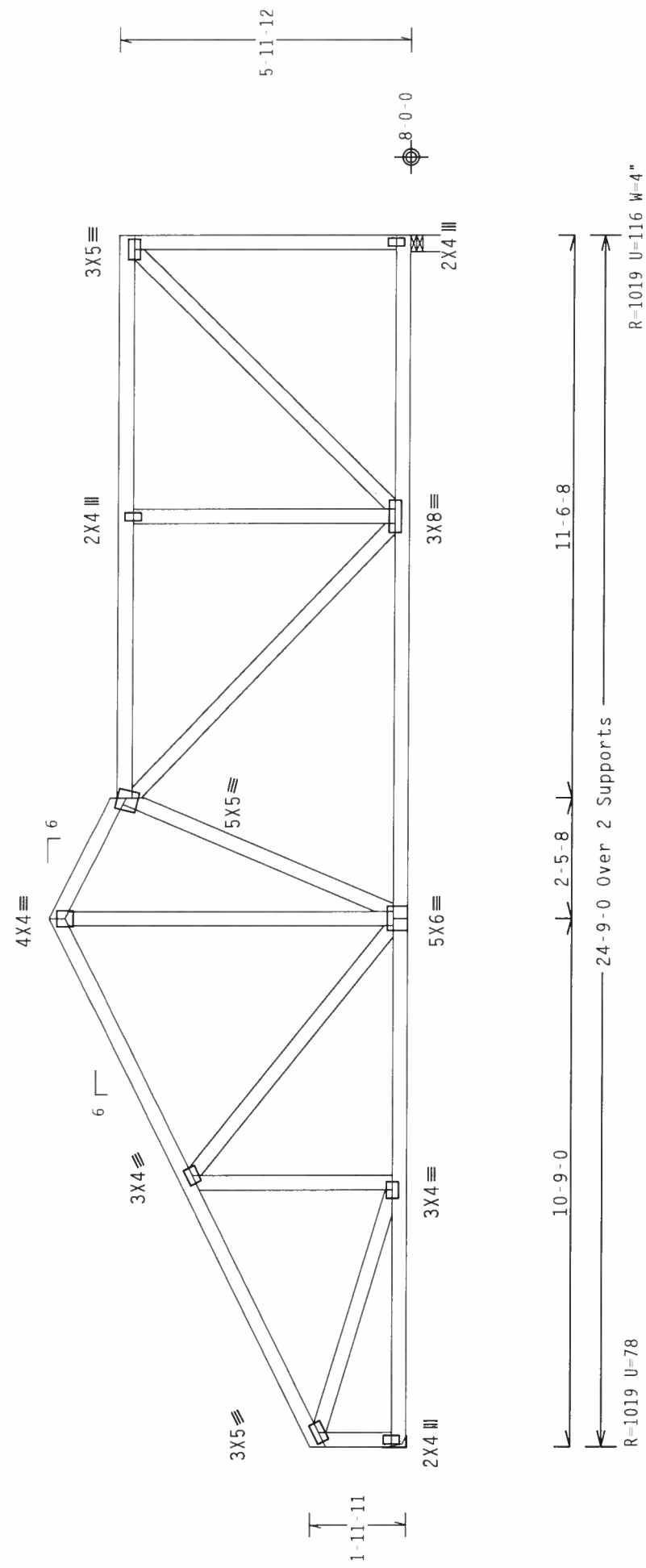
Deflection meets L/240 live and L/180 total load.

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

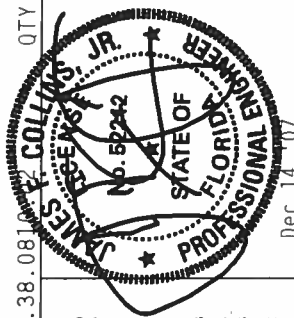
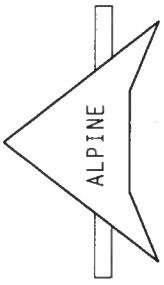
Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave	QTY: 1	FL / - / 6 / - / - / R / -	Scale = .3125" / Ft.
	TC LL	20.0 PSF	REF R215 -- 86733
	TC DL	10.0 PSF	DATE 12/14/07
	BC DL	10.0 PSF	DRW HCUSR215 07348035
	BC LL	0.0 PSF	HC-ENG CR/DLJ
	TOT.LD.	40.0 PSF	SEQN- 210027
	DUR.FAC.	1.25	FROM CDM
	SPACING	24.0"	JREF- 1TDA215_Z01

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO THE BUILDING CODES, SPECIFICATIONS, AND TPI-2002(STD) FOR TRUSS DESIGN, CONSTRUCTION, AND BRACING REQUIREMENTS. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE TRUSS DESIGN, CONSTRUCTION, AND BRACING REQUIREMENTS. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE TRUSS DESIGN, CONSTRUCTION, AND BRACING REQUIREMENTS. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE TRUSS DESIGN, CONSTRUCTION, AND BRACING REQUIREMENTS.

****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-2002(STD) OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. THE BCG, INC. SHALL BE RESPONSIBLE FOR THE TRUSS DESIGN, CONSTRUCTION, AND BRACING REQUIREMENTS. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE TRUSS DESIGN, CONSTRUCTION, AND BRACING REQUIREMENTS. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE TRUSS DESIGN, CONSTRUCTION, AND BRACING REQUIREMENTS.

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

SPECIAL LOADS
----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 62 PLF at -1.88 to 62 PLF at 4.00
TC - From 62 PLF at 4.00 to 62 PLF at 41.00
TC - From 62 PLF at 41.00 to 62 PLF at 46.88
BC - From 20 PLF at 0.00 to 20 PLF at 45.00
BC - 1455 LB Conc. Load at 2.50, 42.50
BC - 420 LB Conc. Load at 9.50, 16.00, 22.50, 29.00, 35.50

Loading has been calculated by the truss fabricator.
It is the responsibility of the Building Designer (or Engineer of Record) to verify and approve the loading.

NOTE: This truss not designed for use as a gable truss and may not be exposed to wind pressure applied to either face.

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 2-4-3.

2 COMPLETE TRUSSES REQUIRED

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

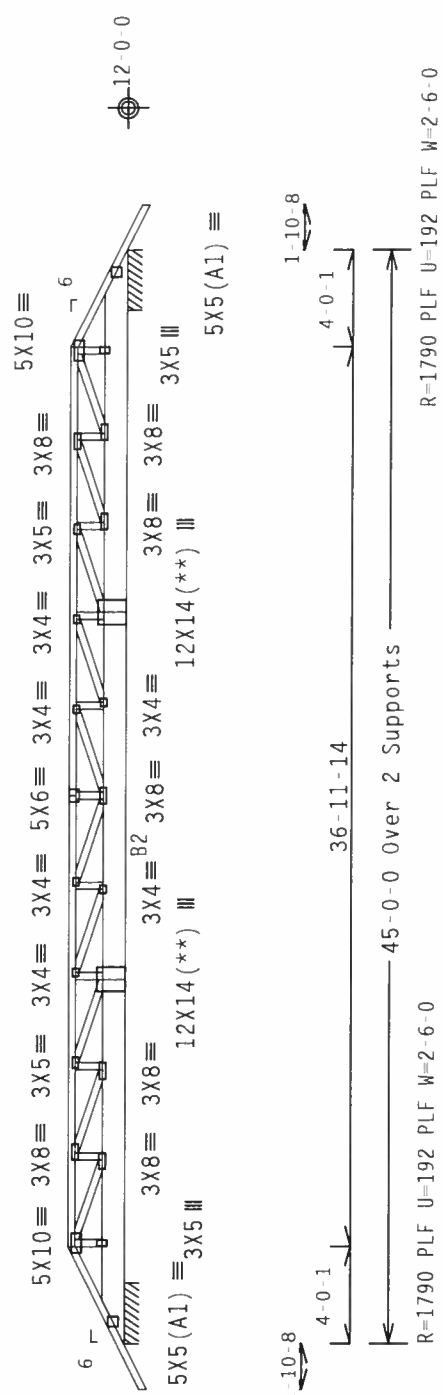
(**) 2 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

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

Wind reactions based on MWFRS pressures.

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

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



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.38.0810 00

QTY:1 FL/- /6/- /- /R/- Scale = .125"/Ft.

REF R215 -- 86734

DATE 12/14/07

DRW HCUSR215 07348093

HC-ENG CR/DLJ

SEQN- 210205

FROM CDM

JREF- 1TDA215_Z01

Dec 1

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING CONSTRUCTION PRACTICES, TPI-2002(STD)/FBC, NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA - 22304, AND WOOD TRUSS, CONCRETE, AMERICA, 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-2002(STD)/FBC, NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA - 22304, AND WOOD TRUSS, CONCRETE, AMERICA, 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.

ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-2002(STD)/FBC, NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA - 22304, AND WOOD TRUSS, CONCRETE, AMERICA, 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.

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FL Certificate of Authorization # 0 278

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Haines City, FL 33844
FL Certificate of Authorization # 0 278

1110 mph wind, 15.00 ft mean hgt, ASCE 7 02, CLOSED bldg, Located
anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC
DL=5.0 psf. Iw=1.00 GCpi(1/-) 0.18

Wind reactions based on MwFRS pressures.

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

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.

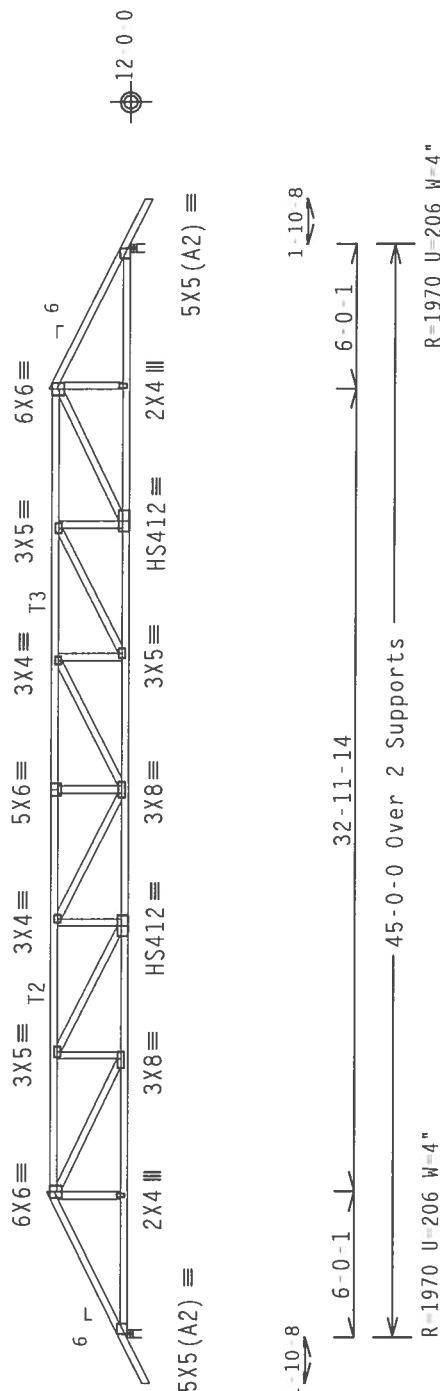
Top chord 2x4 SP #2 N :T2, T3 2x4 SP SS:
Bot chord 2x4 SP SS
Webs 2x4 SP #2 N

Calculated horizontal deflection is 0.13" due to live load and 0.13" due to dead load.

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

Calculated vertical deflection is 0.73" due to live load and 0.75" due to dead load at $X = 22.6-0$.

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



Design Crit: TPI-2002(STD)/FBC

ave $Cq/RT=1.00(1.25)/0(0)$ 7

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

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HUD NATIONAL DESIGN SPEC., BY AIRPS AND TPI-1 STEEL TUB RIGID JOINT CONNECTIONS, WHICH ARE INCORPORATED INTO THIS DESIGN.

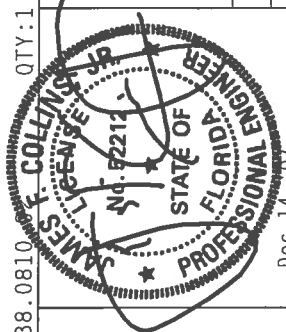
PLATES TO EACH FACE OF TRUSSES AND UNLESS OTHERWISE LOCATED ON THIS DESIGN SECTION.

ANY INSPECTION OF PLATES FOLLOWED BY C SHALL BE PER ANEX A.3 OF TPI-1 2002 SEC. 3.

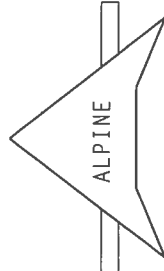
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENTS OF THIS PROJECT. THE USE OF THIS DOCUMENT FOR ANY BUILDING IS AT THE RESPONSIBILITY OF THE BUILDING DESIGNER. PER ANEX TPI-1 SEC.

Scale = 125"/Ft.

TC LL	20.0 PSF	REF	R215	86735
TC DL	10.0 PSF	DATE	12/14/07	
BC DL	10.0 PSF	DRW	HCUSR215	07348036
BC LL	0.0 PSF	HC-ENG	CR/DLJ	
TOT.LD.	40.0 PSF	SEQN	210192	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF	1TDA215_Z01	



Dec 14 07



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

FL Certificate of Authorization #0 278

Top chord 2x4 SP #2 Dense :T2 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.

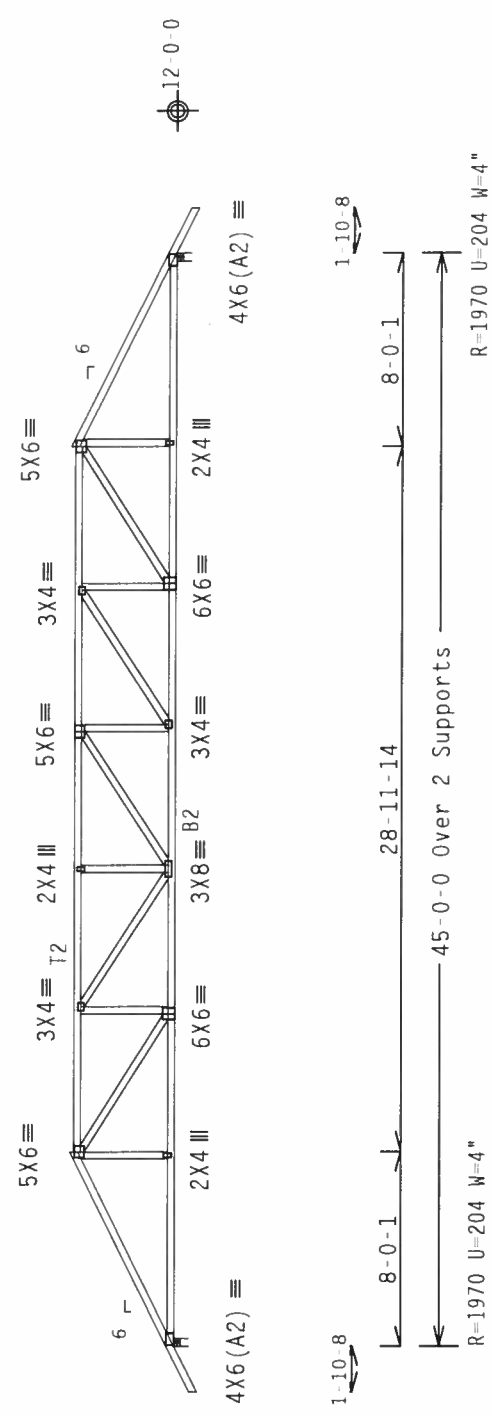
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

110 mph wind, 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.

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

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



PLT TYP. Wave

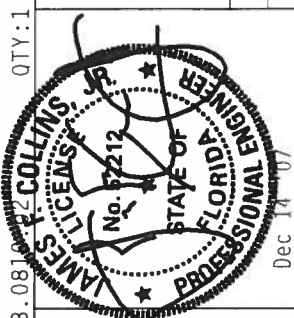
Design Crit: TPI-2002(STD)/FBC

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

7.38.0810

Scale = .125"/Ft.

PLT TYP. Wave		QTY:1	FL/-/6/-/ -/R/-	TC LL	20.0 PSF	REF	R215-- 86736
				TC DL	10.0 PSF	DATE	12/14/07
				BC DL	10.0 PSF	DRW	HCUSR215 07348037
				BC LL	0.0 PSF	HC-ENG	CR/DLJ *
				TOT.LD.	40.0 PSF	SEQN-	210181
				DUR.FAC.	1.25	FROM	CDM
				SPACING	24.0"	JREF-	1TDA215_Z01



****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, 2714 ALABAMA AVE., ALABAMA CITY, MONTGOMERY, AL 36106) FOR SAFETY INFORMATION. TRUSSES ARE DESIGNED TO BE USED IN CONFORMANCE WITH THE TPI-2002(STD) DESIGN SPEC. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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

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

CONNECTOR PLATES ARE MADE OF 2018/16GA (40/60 (4, 6/16, 55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 16GA-2.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER 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 LIABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 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 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ $G_{Cpi}(-/+)=0.18$

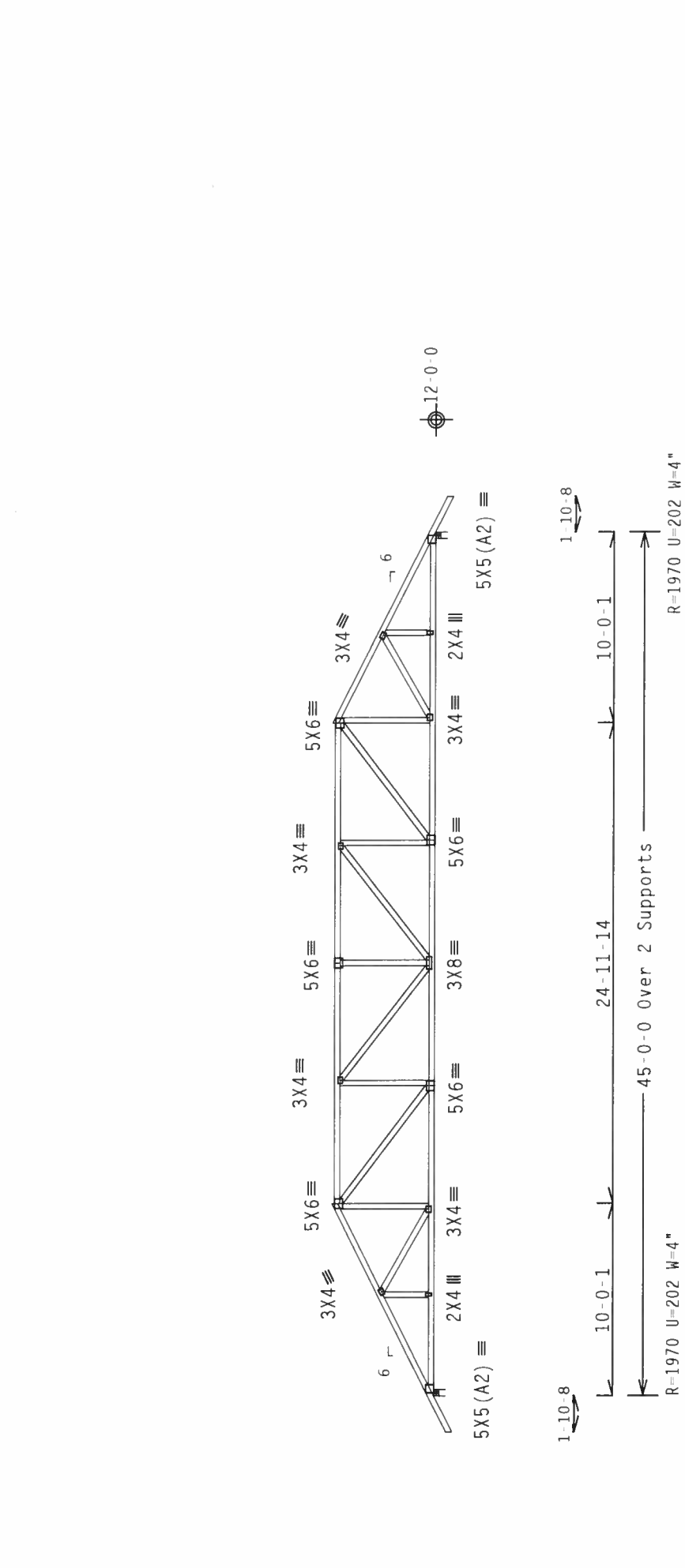
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Wind reactions based on MWFRS pressures.

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

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

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

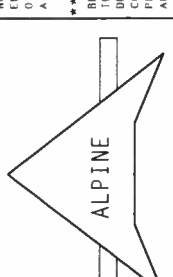


PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

$C_q/R_T=1.00(1.25)/0(0)$ 7.38.0810

Scale = .125"/Ft.

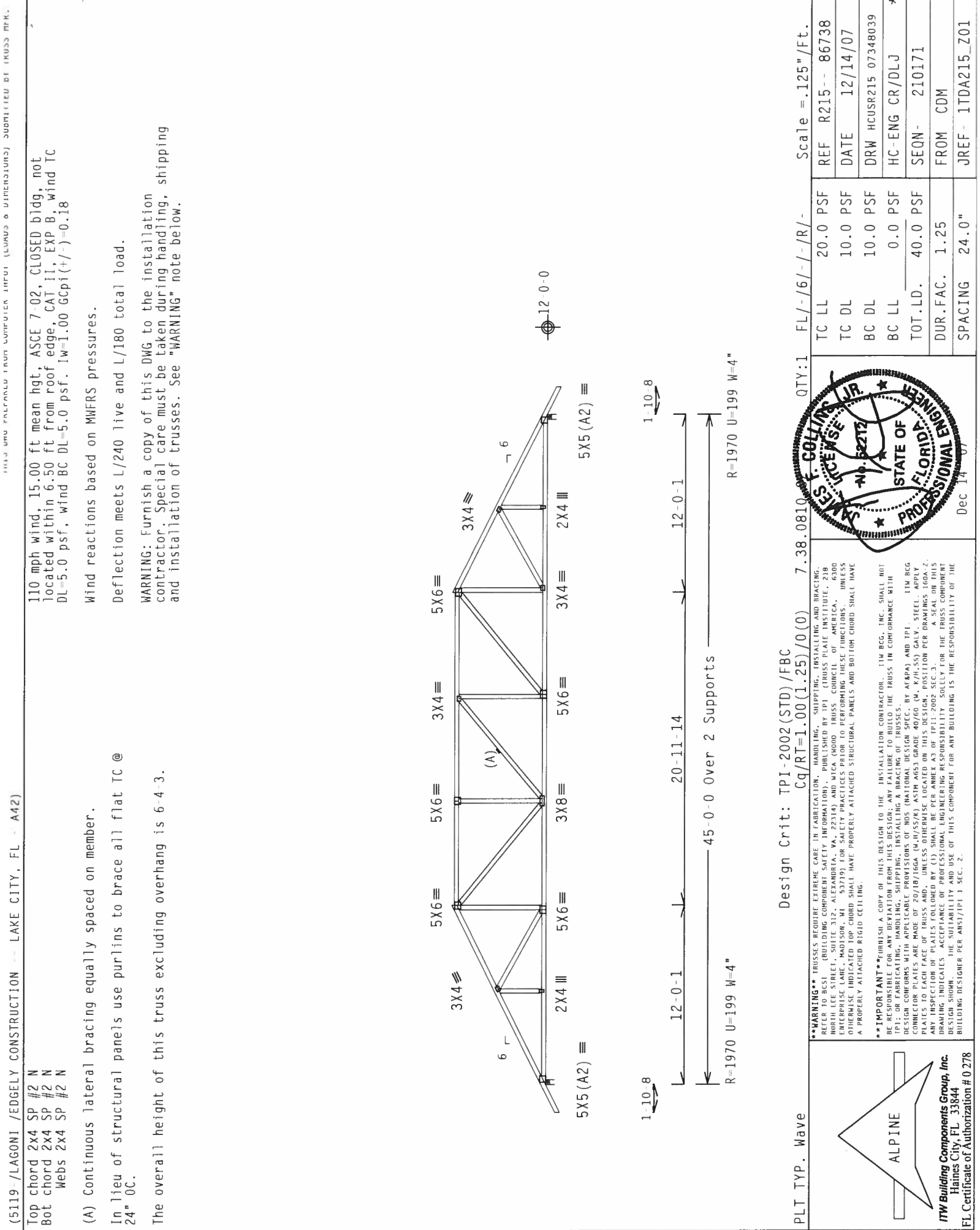
 ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0278	***WARNING*** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST AVAILABLE BUILDING CODES, SAFETY INFORMATION, PUBLISHED BY TPPI (TRUSS PLATE INSTITUTE, 210 ENTERPRISE LANE, MADISON, MI 48219) FOR SAFETY PRACTICES PRIOR TO PERFORMING THE FOLLOWING WORK. 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 -- 86737
			TC DL	10.0 PSF	DATE	12/14/07
			BC DL	10.0 PSF	DRW	HCUSR215 07348038
			BC LL	0.0 PSF	HC-ENG	CR/DLJ
			TOT.LD.	40.0 PSF	SEQN-	210175
			DUR.FAC.	1.25	FROM	CDM
			SPACING	24.0"	JREF-	1TDA215_Z01

*****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 CLAIMS TO THE TRUSS IN CONFORMANCE WITH TPPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES.

DESIGN COMPLIES WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY ASEP) AND TPPI. 1TW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/55K) ASTM 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-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANEX A3 OF TPPI-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/TPPI 1 SEC. 2.

JAMES E. COLLINS
FLORIDA
PROFESSIONAL ENGINEER
No. 57212
STATE OF FLORIDA

Dec 14 '07



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

110 mph wind, 15.38 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 GCpl(+/-)=0.18

(A) Continuous lateral bracing equally spaced on member.

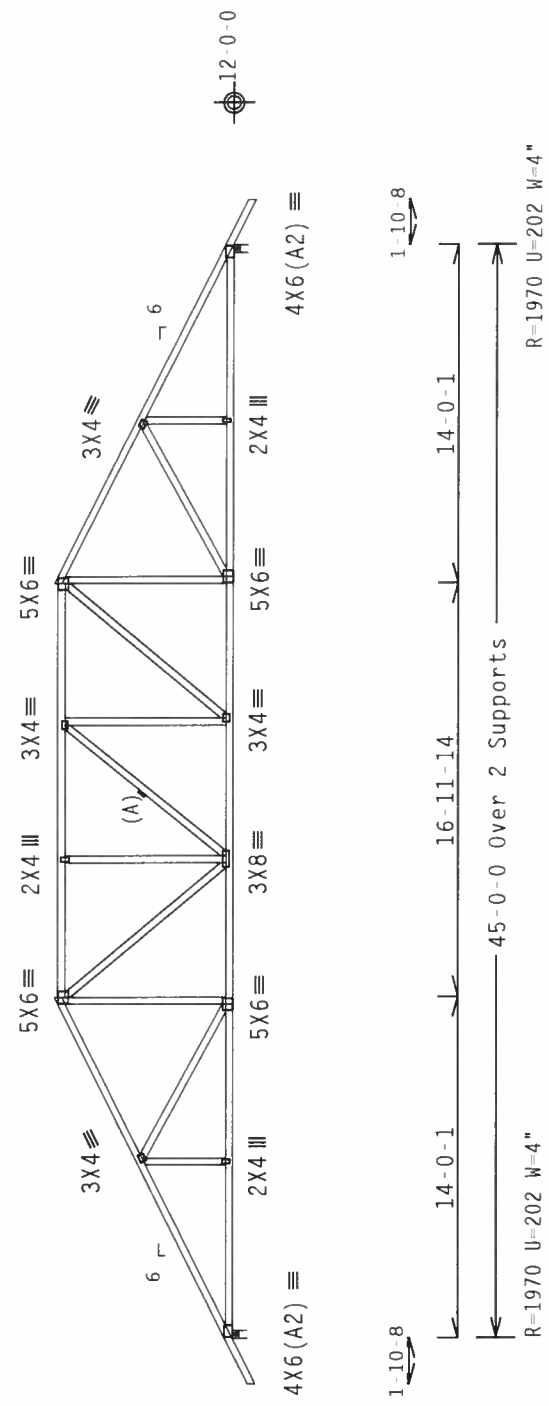
Wind reactions based on MWFRS pressures.

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

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

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

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



Design Crit: TPI-2002(STD)/FBC

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

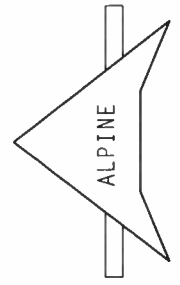
7.38.0810

QTY:1

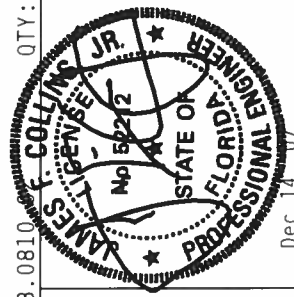
Scale = .125"/Ft.

WARNING TRUSSES REQUIRING EXERCISE CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSG BUILDING COMPONENTS SAFETY INFORMATION, PUBLISHED BY TPI (CROSS PLATE INSTITUTE, 2100 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. TPI 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 AIA/P&I) AND TPI. TPI BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (M/J/SS/K) ASTM A653 GRADE 40/60 (N, K/M,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 16GA 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER 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 FOR 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 Certificate of Authorization # 0 278



Dec 14 07

TC LL	20.0 PSF	REF	R215--	86739
TC DL	10.0 PSF	DATE	12/14/07	
BC DL	10.0 PSF	DRW	HCUSR215	07348040
BC LL	0.0 PSF	HC-ENG	CR/DLJ	*
TOT.LD.	40.0 PSF	SEQN-	210167	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1TDA215_Z01	

110 mph wind, 15.88 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. $I_w=1.00$ $G_{Cpi}(+/-)=0.18$

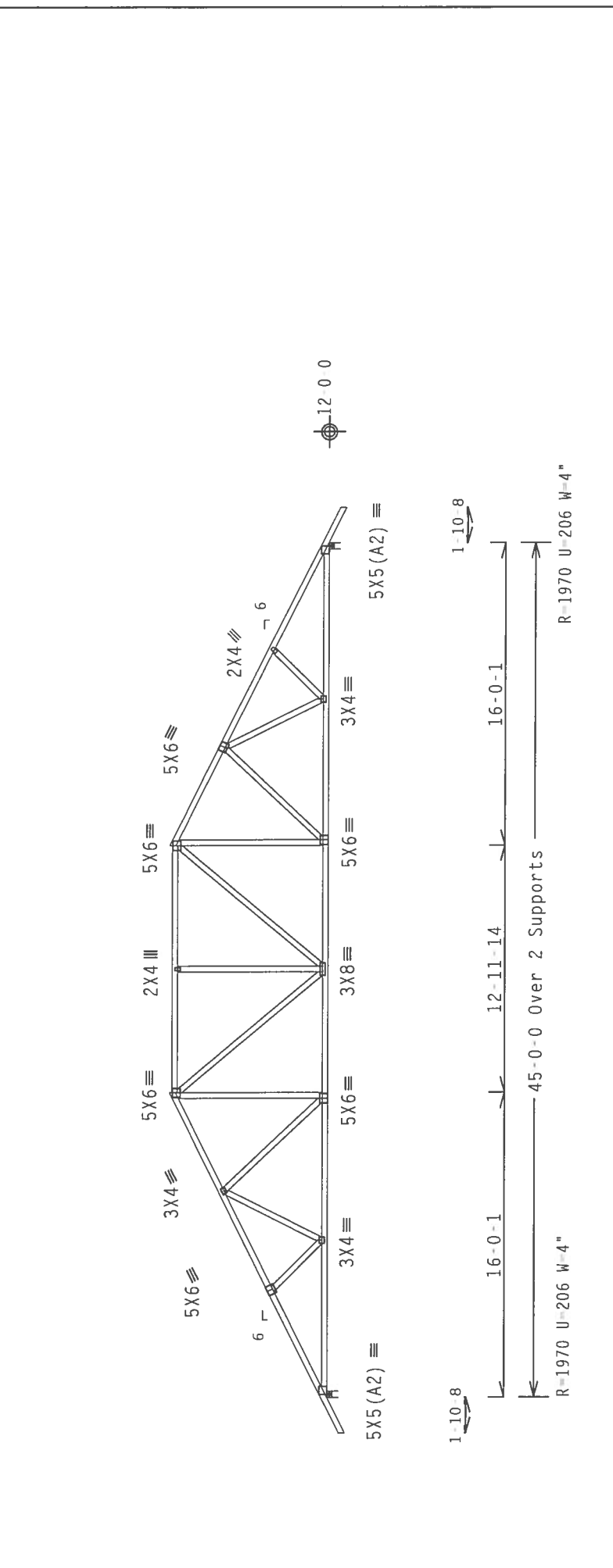
Wind reactions based on MWFRS pressures.

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

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

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

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

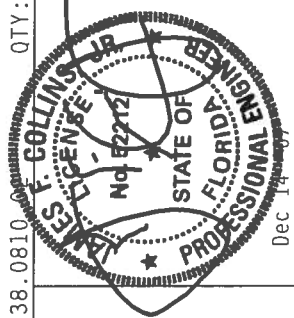


Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/0(0) 7.38.0810

Scale = .125"/Ft.

REF	R215	-	86740
DATE	12/14/07		
DRW	HCUSR215	07348041	
HC-ENG	CR/DLJ	*	
SEQN	210163		
FROM	CDM		
JREF	1TDA215	Z01	



****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, 218 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE TASKS. 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 (14-M/55/14) ASTM A653 GRADE 40/60 (14, 14.55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) DESIGN SHOWN. THE SULLAGE OF 4000 PSI OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMST/TPI 1 SEC. 2.

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0278

110 mph wind, 16.38 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL 5.0 psf, wind BC DL 5.0 psf. $I_w=1.00$ GCpi(+/-)=0.18

(A) Continuous lateral bracing equally spaced on member.

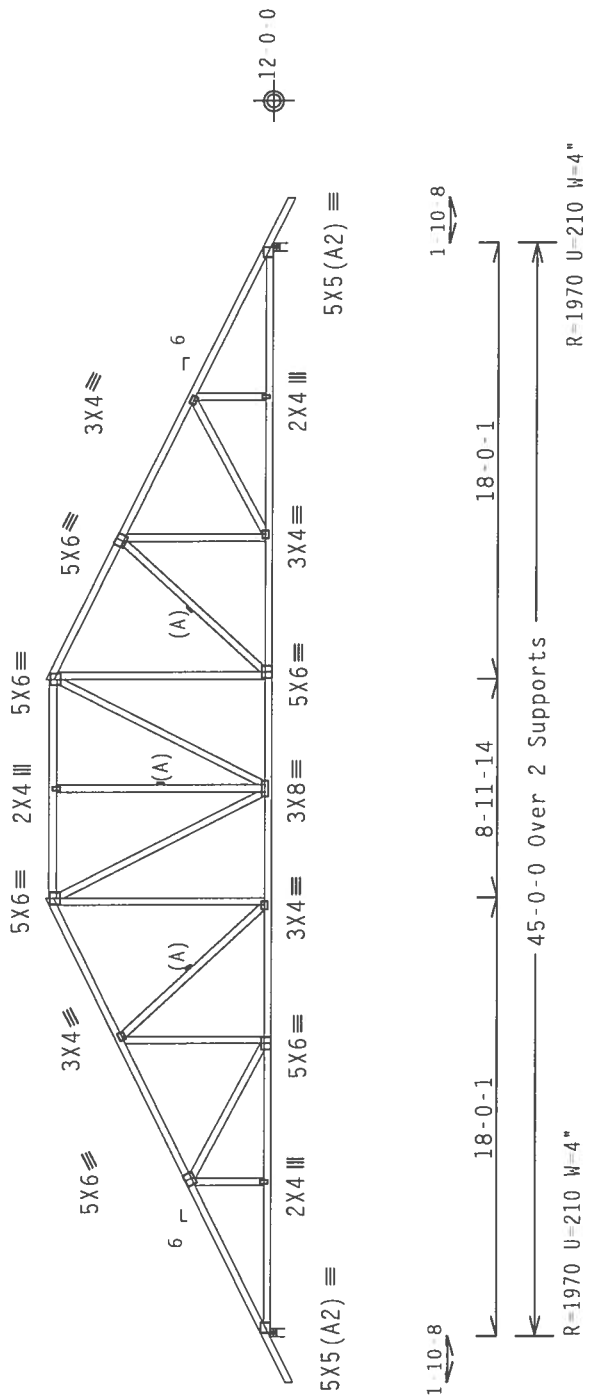
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

The overall height of this truss excluding overhang is 9'-4" - 3'-

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

FT-2002 (310) / FDC	Cq/RT=1.00(1.25)/0(0)	7.38.0810.02

Scale = .125"/ft.

QTY:1

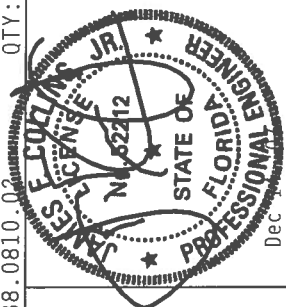
FL/-/6/-/-/R/-

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 (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, AUSTIN, TX 78741) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH IT1; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF INDUS (NATIONAL DESIGN SPEC, BY ARAFA) AND IPTI. CONCRETE PLAIN IS MADE OF 20/18/16GA (W, W/55%) ASTM 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 2. ANY INSPECTION OF PLATES FOLLOWED BY (1). SHALL BE PER ANNEX A3 OF IPTI 2002 SPEC 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/TP1 1 SEC. 2.



FL Certificate of Authorization # 0 278

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 IC @ 24" OC.

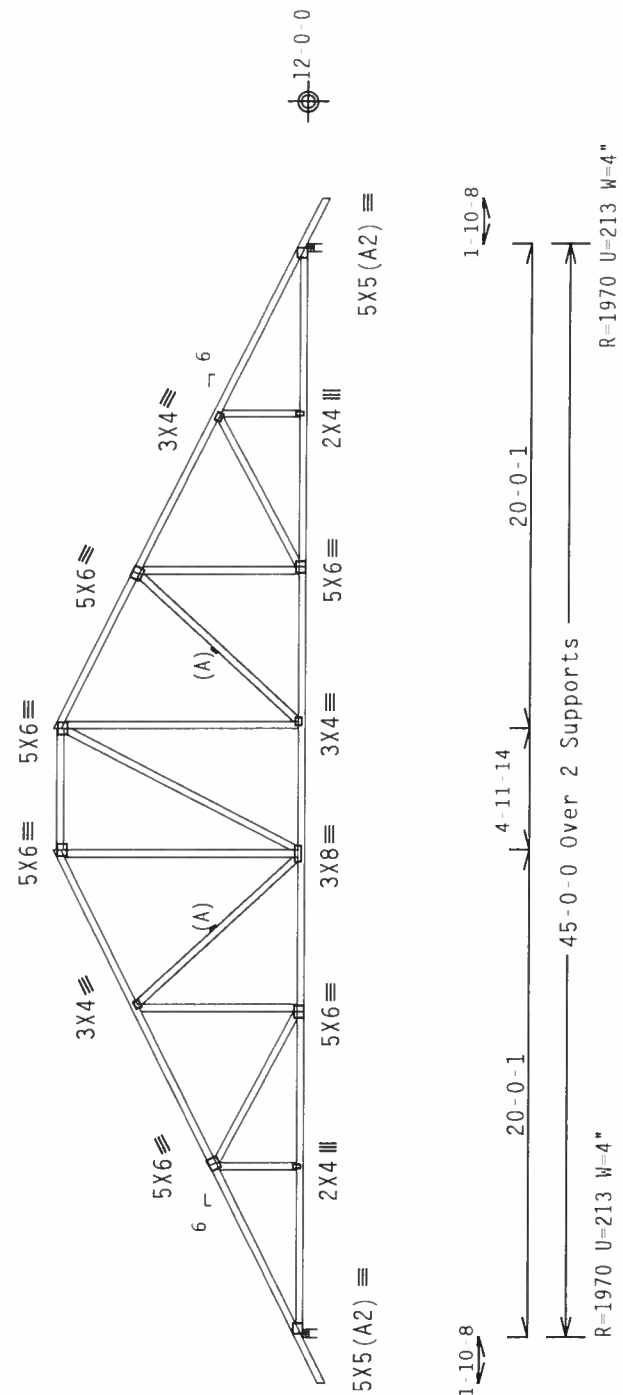
The overall height of this truss excluding overhang is 10'-4"-3."

110 mph wind, 16.88 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ $G_{CPI}(+/-)=0.18$

Wind reactions based on MWFRS pressures.

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

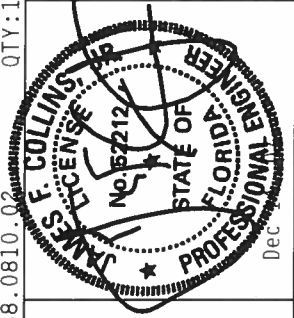
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.



Design Crit: TPI-2002(STD)/FBC

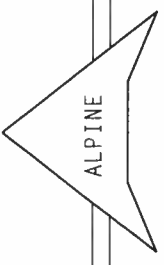
Cq/RT=1.00(1.25)/0(0) 7.38.0810.02

QTY:1	FL/-/6/-/-/R/-	Scale = .125"/Ft.
TC LL	20.0 PSF	REF R215 -- 86742
TC DL	10.0 PSF	DATE 12/14/07
BC DL	10.0 PSF	DRW HCUSR215 07348043
BC LL	0.0 PSF	HC-ENG CR/DLJ
TOT.LD.	40.0 PSF	SEQN- 210155
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1TDA215_Z01



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION FOR TRUSSES, TPI-2002(STD)/FBC, 210155, 210155, NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND WEA (WOOD ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. TPI 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/PJ AND TPI). TPI BCG CONNECTOR PLATES ARE MADE OF 2010/16GA (N/A/SS/K) ASTM A503 GRADE 40/60 (4, K/M,SS) GALV. STEEL. APPLY ANY INSPECTION OF ALL TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A 2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER A051/TPI 1 SEC. 2.



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

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

110 mph wind, 17.35 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ $G_{Cpi}(+/-)=0.18$

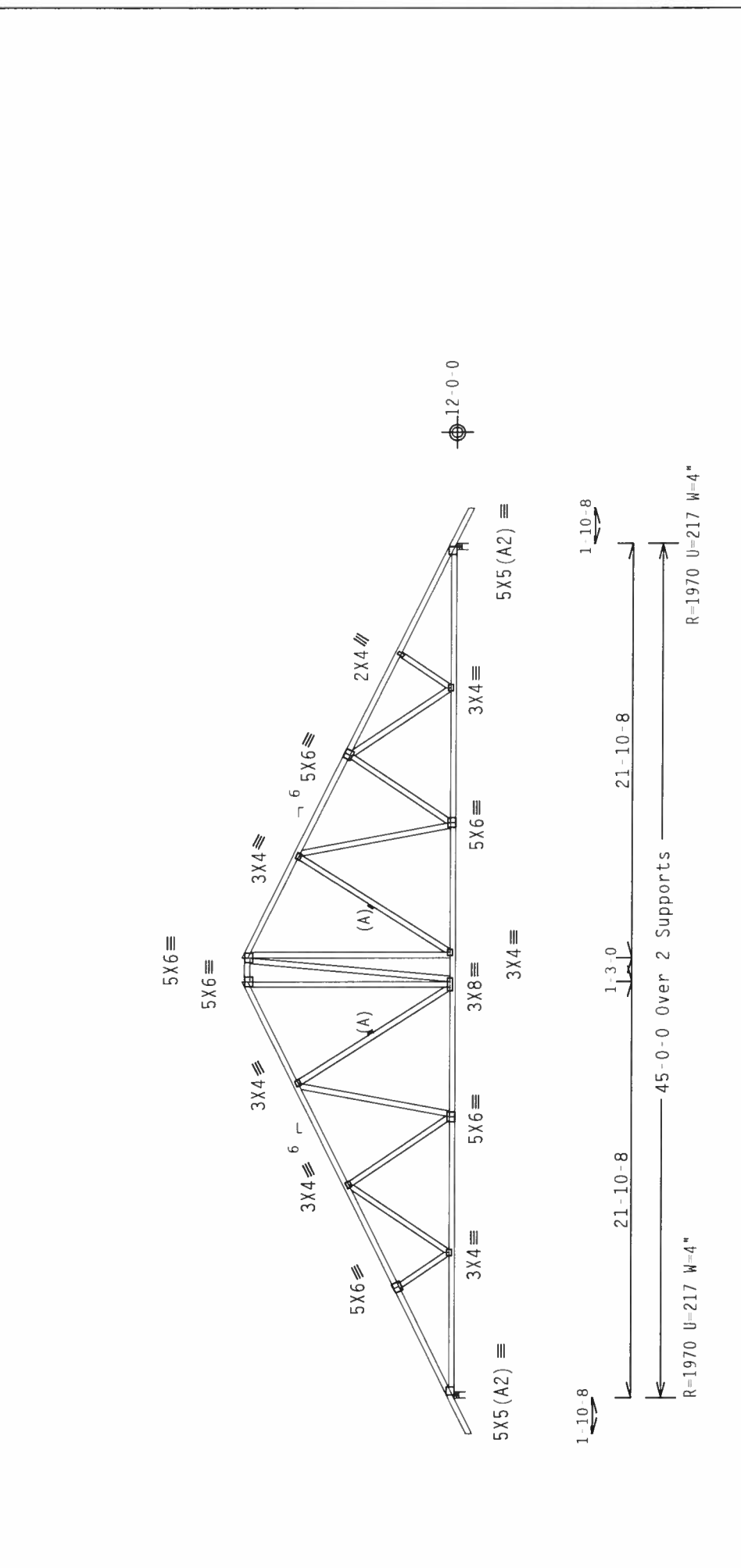
(A) Continuous lateral bracing equally spaced on member.

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



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/0(0) 7.38.0810

QTY:1 FL/-/6/-/R/-

Scale = .125"/Ft.

REF	R215--	86743
DATE	12/14/07	
DRW	HCUSR215	07348044
HC-ENG	CR/DLJ	*
SEQN-	210151	
FROM	CDM	
JREF-	1TDA215_Z01	

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

Dec 14 07

Professional Engineer
STATE OF FLORIDA
No 52212

Dec 14 07

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.

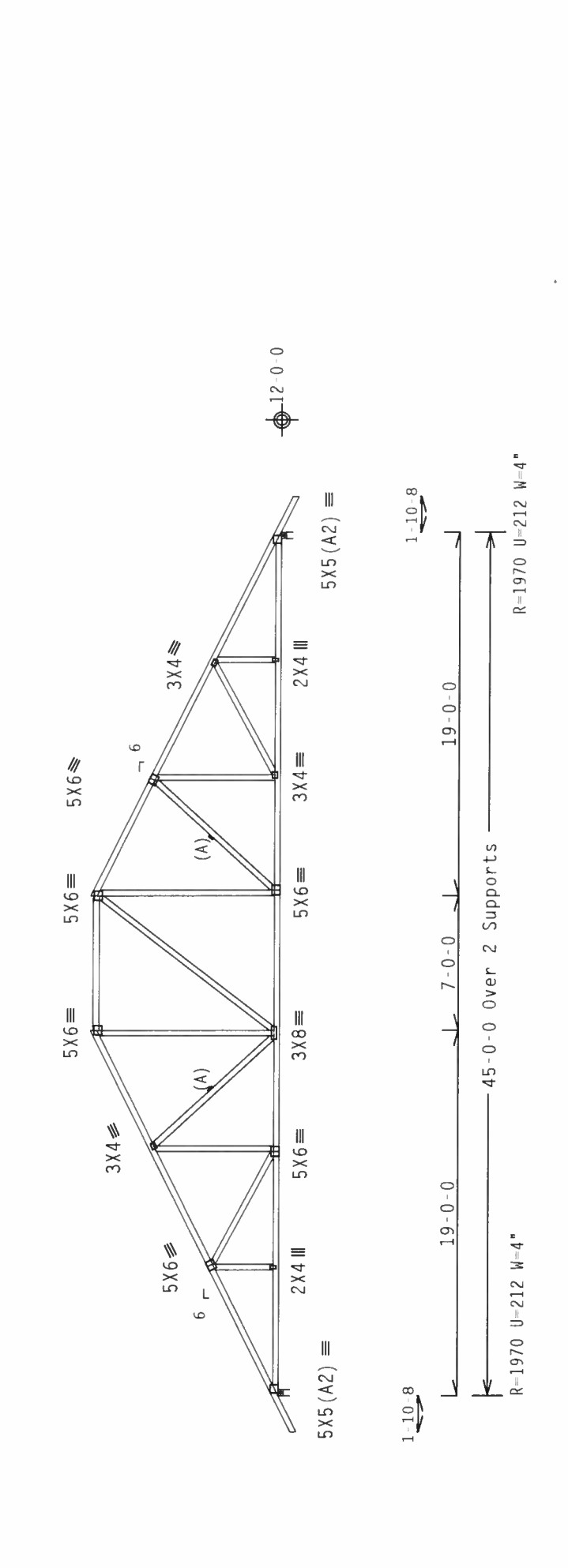
110 mph wind, 16.63 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ $G_{Cpi} (+/-)=0.18$

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 PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY KRUSS PHR.



PLT TYP. Wave

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

Scale = .125"/Ft.

TC LL	20.0 PSF	REF	R215--	86745
TC DL	10.0 PSF	DATE	12/14/07	
BC DL	10.0 PSF	DRW	HCUSR215	07348046
BC LL	0.0 PSF	HC-ENG	CR/DLJ	*
TOT.LD.	40.0 PSF	SEQN-	210142	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1TDA215_Z01	

James F. Collins, Jr.
Professional Engineer
State of Florida
License No. 62215
Dec 14 '07

ALPINE

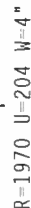
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

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

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.

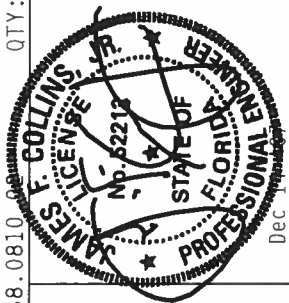


PI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.

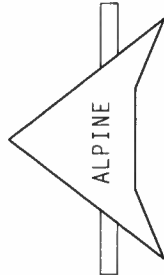
7.38.0810

$$\text{Scale} = .125"/\text{Ft.}$$

TC LL	20.0 PSF	REF	R215 -	86747
TC DL	10.0 PSF	DATE	12/14/07	
BC DL	10.0 PSF	DRW	HCUSR215	07348048
BC LL	0.0 PSF	HC-ENG	CR/DLJ	*
TOT.LD.	40.0 PSF	SEON-	210134	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1TDA215	Z01



Dec



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

Haines City, FL 33844
FPL Certificate of Authorization # 0 278

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

110 mph wind, 15.46 ft mean hgt, ASCE 7-02, CLOSED bTdg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf lw=1.00 GCpi(+/-)0.18

(A) Continuous lateral bracing equally spaced on member.

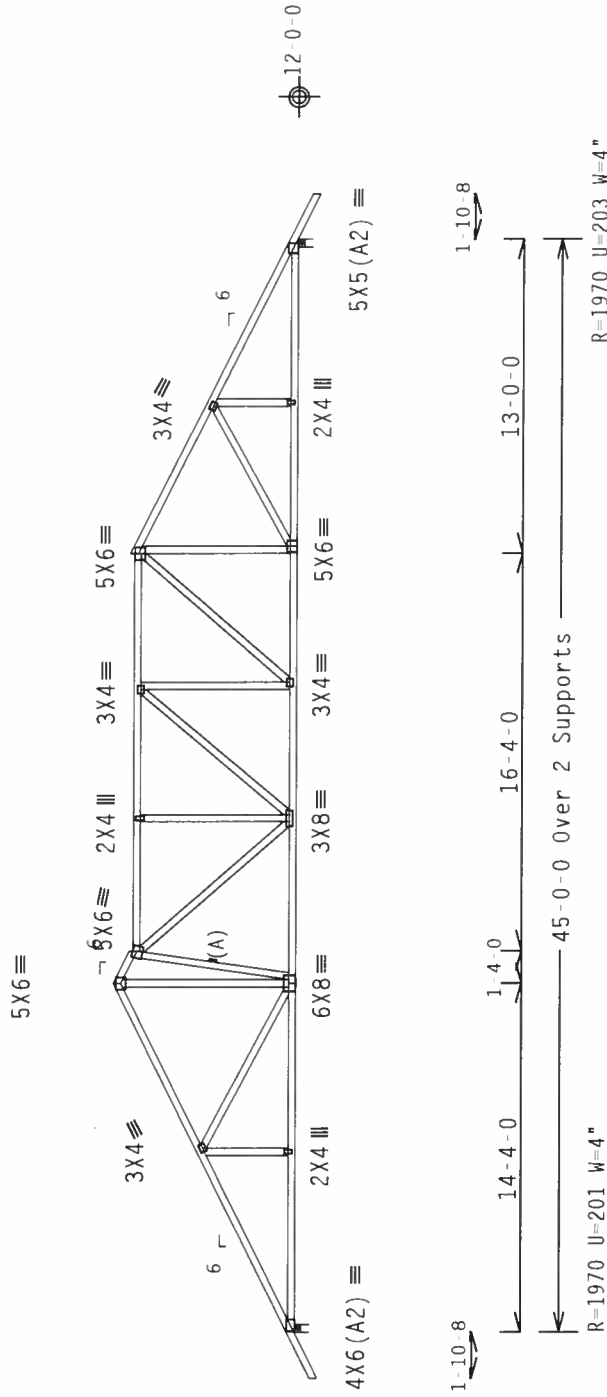
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

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.



Design Crit: TPI-2002(STD)/FBC

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

018

QTY:1 FL/-/6/-/-/R/-/

Scale = 125"/ft

Scale = .125" / Ft.
REF R215 - 86748

DATE 12/14/07

07348048 15158215

10/09/2011 11:00 AM

HC-ENG CR/DLJ

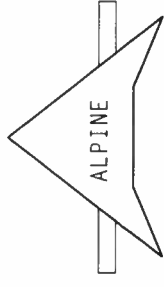
SEQN- 210129

FROM CDM

JREF- 1TDA215_Z01

****WARNING**** RUSSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RUSSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IPI (RUSS PLATE INSTITUTE), 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WICKA (WOOD TRUSS COMPANY OF AMERICA, 63000 ENTERPRISE LANE, BOLDT, CO, 81719) 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 PURCHASER A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR/ TRUSS BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPLIANCE WITH THE TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING OR BRACING OF TRUSSES. THE TRUSS DESIGNER SHALL BE RESPONSIBLE FOR ANY DEVIATIONS OF THIS NATIONAL DESIGN SPEC. TO THE TRUSS DESIGNER'S SPECIFIC CONNECTION PLATES, MADE TO THE TRUSS DESIGNER'S SPECIFICATIONS. THE TRUSS DESIGNER SHALL BE RESPONSIBLE FOR THE PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, SECTION. PER DRAWINGS INGA 2. AN 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 OF THE TRUSS BUILDING. THE TRUSS BUILDING SHALL BE THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEX A3 SEC. 2.



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

Dec 14 07

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

110 mph wind, 15.46 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $1w=1.00 GCpi(+/-)=0.18$

(A) Continuous lateral bracing equally spaced on member.

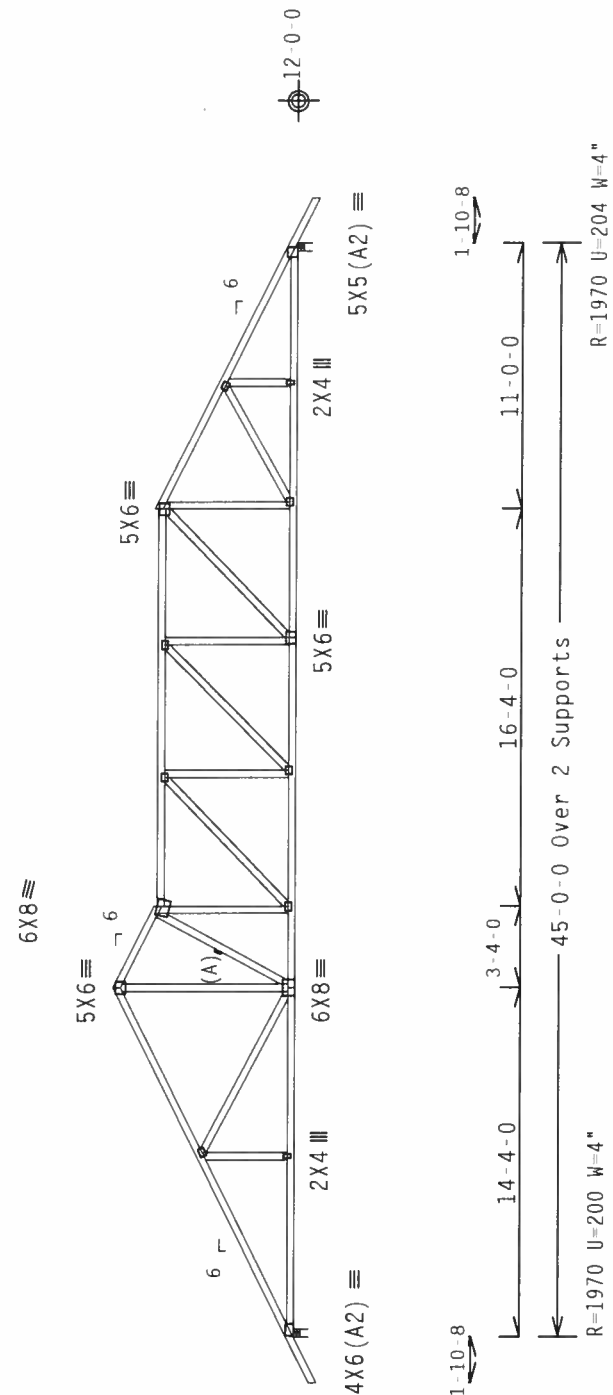
Wind reactions based on MWFRS pressures.

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

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

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

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.



Note: All Plates Are 3X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

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

7.38.0810

QTY:1 FL/-/6/-/R/-

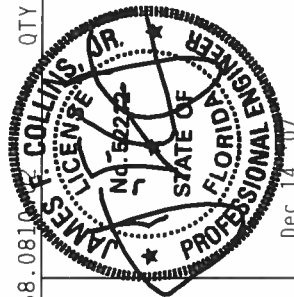
Scale = .125"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. WORKERS MUST BE TRAINED AND EXPERIENCED IN THE PROPER USE OF TRUSSES. TRUSSES ARE NOT TO BE USED FOR ANY PURPOSES OTHER THAN THAT FOR WHICH THEY WERE DESIGNED. TRUSSES ARE NOT TO BE USED FOR ANY PURPOSES OTHER THAN THAT FOR WHICH THEY WERE DESIGNED. TRUSSES ARE NOT TO BE USED FOR ANY PURPOSES OTHER THAN THAT FOR WHICH THEY WERE DESIGNED.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BEG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF IBCS (NATIONAL DESIGN SPEC. BY AISC) AND TPI. 1TH BEG CONNECTOR PLATES ARE MADE OF 70/10/16GA (40/60 (N, K/M,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. AND INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DESIGN SHOWS THE DESIGNER'S RESPONSIBILITY. THE DESIGNER'S RESPONSIBILITY IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 7.

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278



TC LL	20.0 PSF	REF	R215--	86749
TC DL	10.0 PSF	DATE	12/14/07	
BC DL	10.0 PSF	DRW	HCUSR215	07348050
BC LL	0.0 PSF	HC-ENG	CR/DLJ	*
TOT.LD.	40.0 PSF	SEQN-	210123	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1TDA215	_Z01

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

1110 mph wind, 15.46 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

Calculated horizontal deflection is 0.13" due to live load and 0.14" due to dead load.

Wind reactions based on MWFRS pressures.

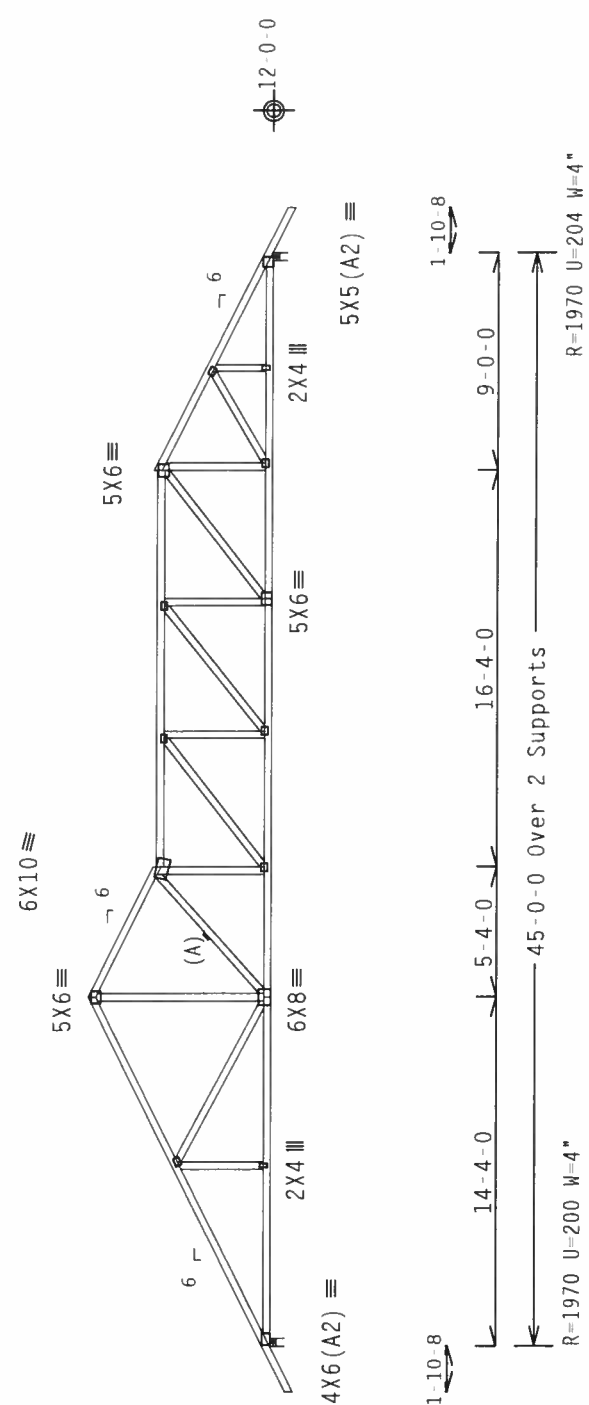
(A) Continuous lateral bracing equally spaced on member.

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

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

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.



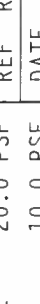
Note: All Plates Are 3X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

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

QTY:1

Scale = .125"/Ft.

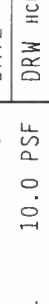


ITW Building Components Group, Inc.
Haines City, FL 33844

Certificate of Authorization # 0278

****WARNING**** TRUSSES REQUIRE CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. (TRUSS PLATE INSTITUTE, 218 BELLEVILLE, ILLINOIS, 61801, TEL: 815/398-1100, FAX: 815/398-1101, WWW.TRUSSTECH.COM, 1000 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22304, TEL: 703/461-1000, FAX: 703/461-1001, WWW.TRUSSTECH.COM)

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEFICIENCY FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AF&PA) AND TPI. (TPI BCG DESIGN CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/55/K) ASTM 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-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-1-2002 SEC.3. A SEAL ON THE 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.



Dec 14 '07

REF	R215 - -	86750	TC LL	20.0	PSF
DATE	12/14/07		TC DL	10.0	PSF
DRW	HCUSR215	07348051	BC DL	10.0	PSF
HC-ENG	CR/DLJ	*	BC LL	0.0	PSF
SEON-	210119		TOT.LD.	40.0	PSF
FROM	CDM		DUR.FAC.	1.25	
JREF-	1TDA215_Z01		SPACING	24.0"	

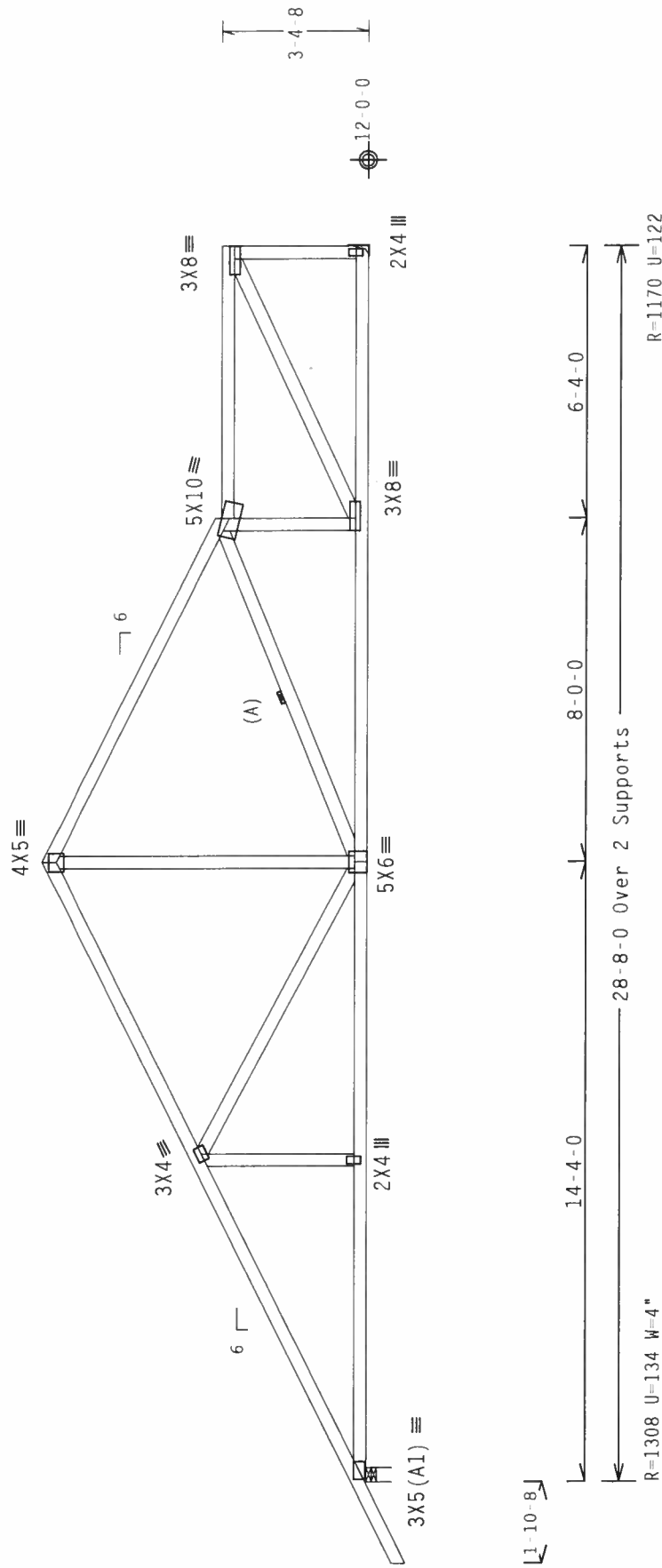
Top chord	2x4	SP	#2
Bot chord	2x4	SP	#2
webs	2x4	SP	#2

110 mph wind, 15.46 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

(A) Continuous lateral bracing equally spaced on member.

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

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

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

Scale = .25"/Ft.

QTY:1 FL/-/6/-/-/R/-

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

PLT TYP. Wave

WARNING: THESE REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DESIGN BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE MANUFACTURER, FOR ADDITIONAL INFORMATION. NORTH LEE STREET, SUITE 317, ALEXANDRIA, VA 22304, AND WILCOX TRUSS COMPANY, 1000 WILCOX STREET, SUITE 500, WILCOX, GA 32159, 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 BRACING SHALL.

REF R215-- 86752

DATE 12/14/07

ORW HCUSR215 07348052

HC-ENG CR/DLJ

SEON- 210092

FROM CDM

JREF- 1TDA215 Z01

1

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

2.

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

110 mph wind, 15.46 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

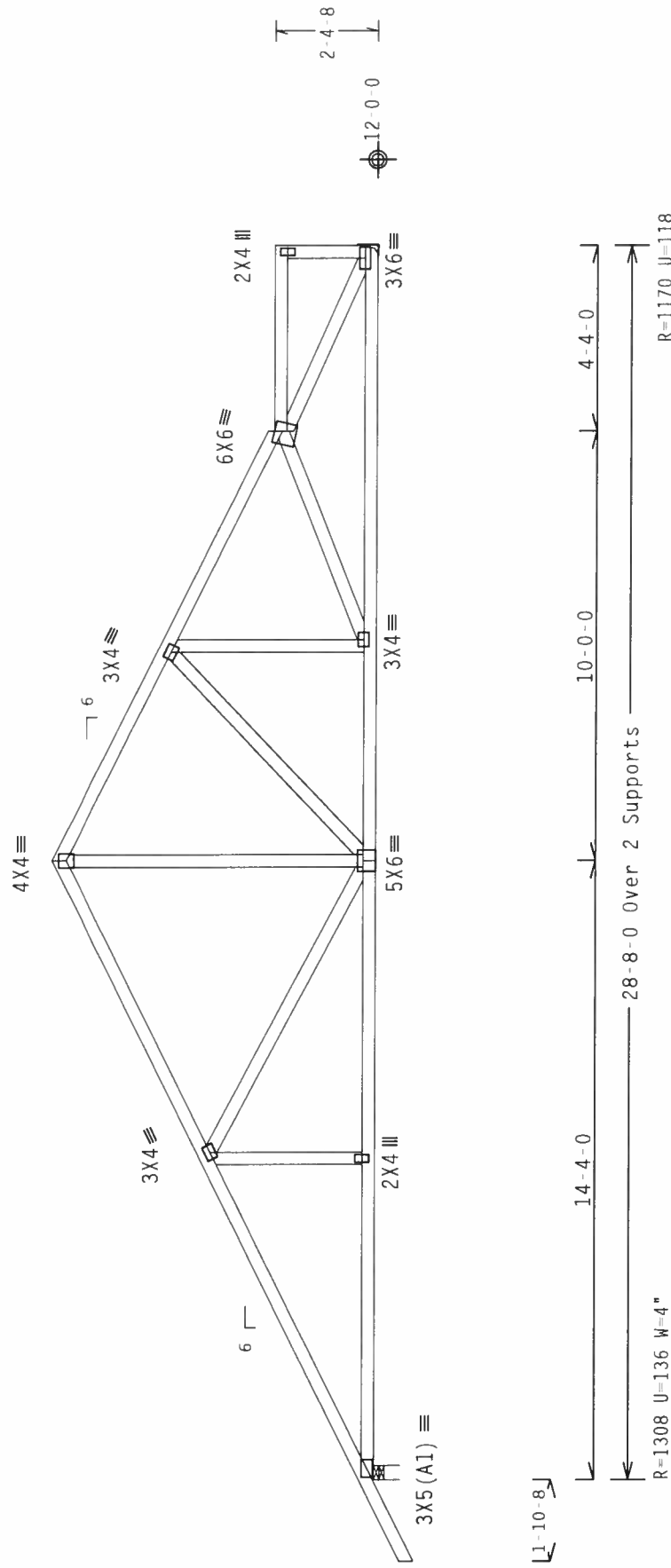
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

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



Design Crit: TPI-2002(STD)/FBC

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

QTY:1 FL/-/6/-/1-1-1R/-

Scale = 25"/Ft.

PLT TYP. Wave

****WARNING**** RUSSLES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IPT (CONCRETE PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WIGA (WOOD TRUSS COUNCIL OF AMERICA, 6300 WOOD TRUSS DRIVE, SUITE 3375, FORT WORTH, TEXAS 76116) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. OTHERS INDICATED ON THIS SHEET HAVE PROBABLY ACHIEVED STRUCTURAL PANELS AND BEAM GOOD SHALL HAVE BEEN PROBABLY ACHIEVED BY OTHERS.

ALPINE

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

Haines City, FL 33844
FL Certificate of Authorization #0 278

BUILDING DESIGNER PER ANSI/ISO 1 SEC 2

10

[illegible]

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

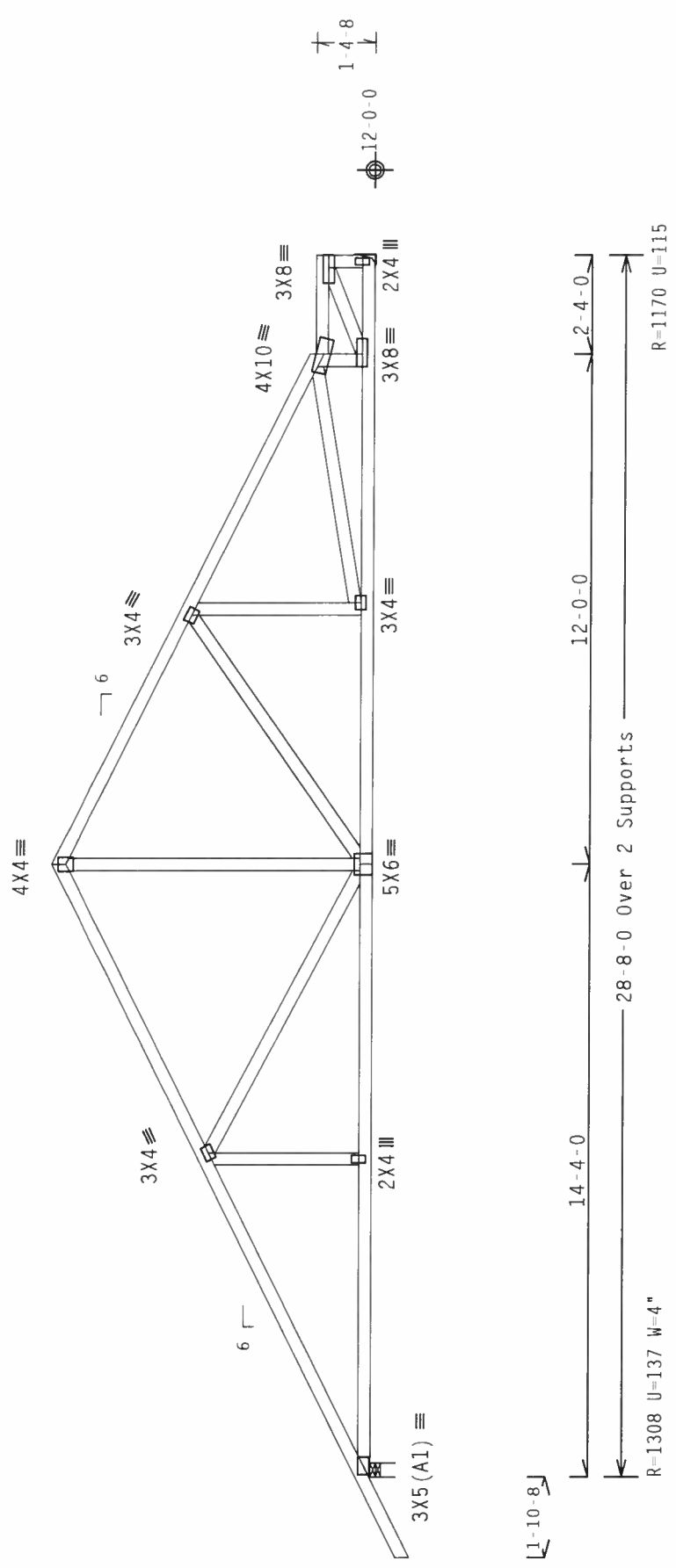
110 mph wind, 15.46 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ $G_{Cpi}(\pm)=0.18$

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

Wind reactions based on MWFRS pressures.

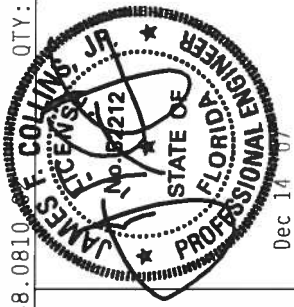
Deflection meets L/240 live and L/180 total load.

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



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

PLT TYP. Wave ALPINE ITW Building Components Group, Inc. Haines City, FL 33844 IFL Certificate of Authorization # 0 278	QTY: 1		FL / - / 6 / - / R / -	Scale = .25" / Ft.
	TC LL	20.0	PSF	REF R215-- 86754
	TC DL	10.0	PSF	DATE 12/14/07
	BC DL	10.0	PSF	DRW HCUSR215 07348054
	BC LL	0.0	PSF	HC-ENG CR/DLJ
	TOT.LD.	40.0	PSF	SEQN- 210082
DUR.FAC. 1.25				FROM CDM
SPACING 24.0"				JREF- 1TDA215_Z01



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION. PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 2100 ENTERPRISE LANE, MADISON, MI 48219) OR SALES PRACTICES. TRUSSES ARE TO BE USED IN ACCORDANCE WITH THE OTHERWISE INDICATED TOP CHORD STRUCTURAL PANELS AND BOTTOM CHORD SETTING. A PROPERLY ATTACHED RIGID SETTING.

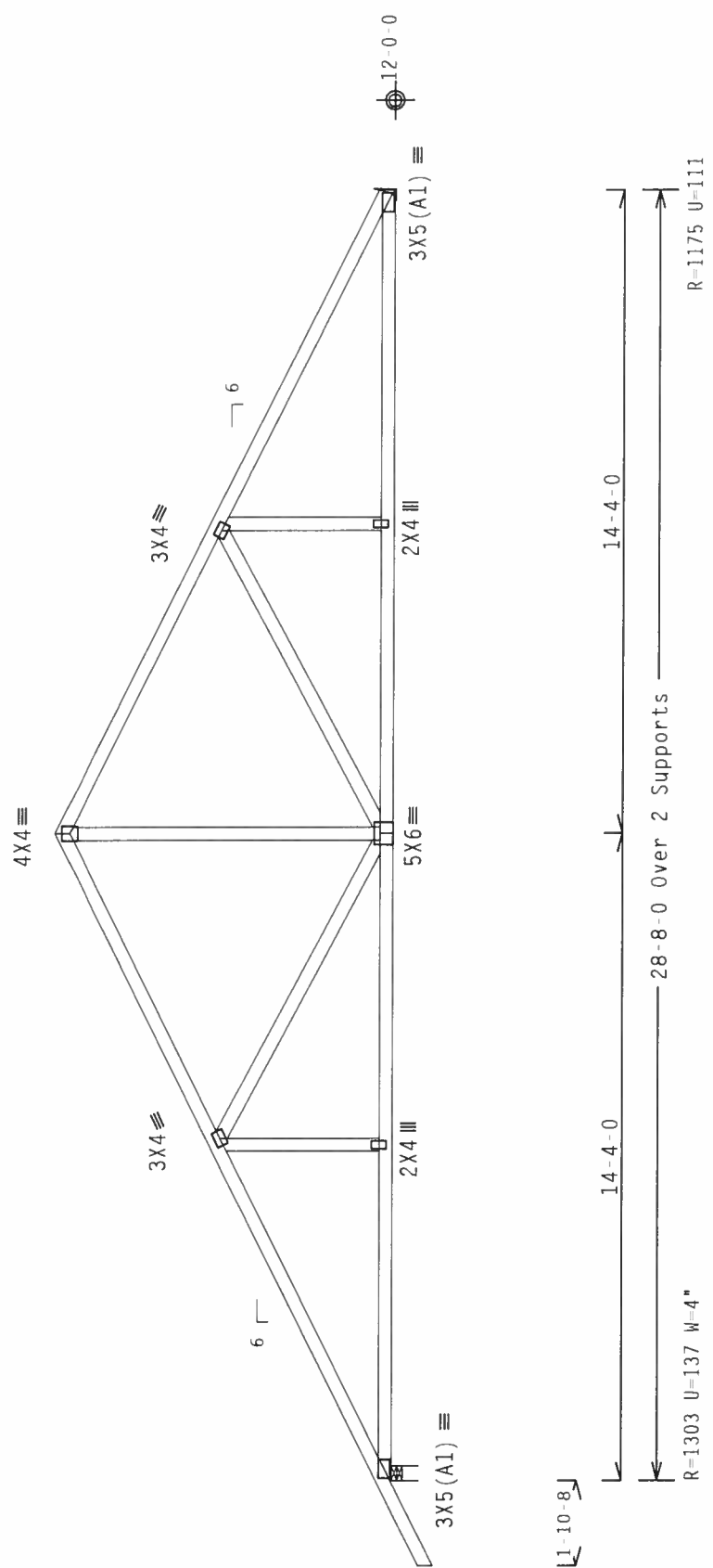
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. TPI REG. INC. SHALL NOT BE RESPONSIBLE FOR ANY VIOLATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF IBCS (NATIONAL DESIGN SPEC. BY AISC) AND TPI. 11W BCG CONNECTOR PLATES ARE MADE OF 2010/16GA (44/55/K) ASTM A653 GRADE 40/60 (44, 55/55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT MANUFACTURER'S USE. THE SIGNATURE AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISI/TPI 1 SEC. 2.

110 mph wind, 15.46 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

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 7-6-3.

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

Scale = .25"/Ft.

QTY:1 FL/-/6/-/-/R/-/-

0810

$$\frac{0}{0(0)} \quad 7$$
$$Cq/RT=1.00$$

Design CM

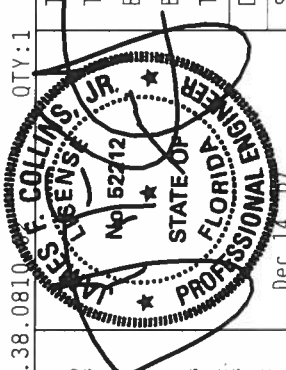
[illegible]

YP. Wave

PL

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING CONSTRUCTION SAFETY INFORMATION) PUBLISHED BY TPI (TRUSS PLAN INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 22314) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 CHENAPRISSE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. 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 AT THE RISK OF THE INSTALLER. THE DESIGN IS BASED ON THE FOLLOWING ASSUMPTIONS:
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF INTERNATIONAL DESIGN SPEC.
CONNECTION PLATES ARE MADE OF 70/18/16GA. (W-0.075X16) ASTM A653 GRADE 40/50 (A/K/S) GALV. STEEL. APPLY ALL RECOMMENDATIONS OF THE MANUFACTURER'S DESIGN SPEC.
PLATES TO EACH FACE OF THISS AND, UNLESS OTHERWISE ASHON A653 GRADE 40/50 (A/K/S) GALV. STEEL. PER DRAMINGS 1604.2
IF AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMEX 43 OF IP11-2902 SEC.3.
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE SEAL COMPONENT OF THE DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/PTI 1 SEC.2.



FL Certificate of Authorization #0278
 Ft. Myers City, FL 33844

	Top	chord	2x6	SP	#2	N	:T1	2x4	SP	#2	N:
Bot	chord	2x6	SP	#2	N	:B2	2x6	SP	#2	Dense:	
	webs	2x4	SP	#2	N						

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

Wind reactions based on MWFRS pressures.

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

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

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun nails)

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

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

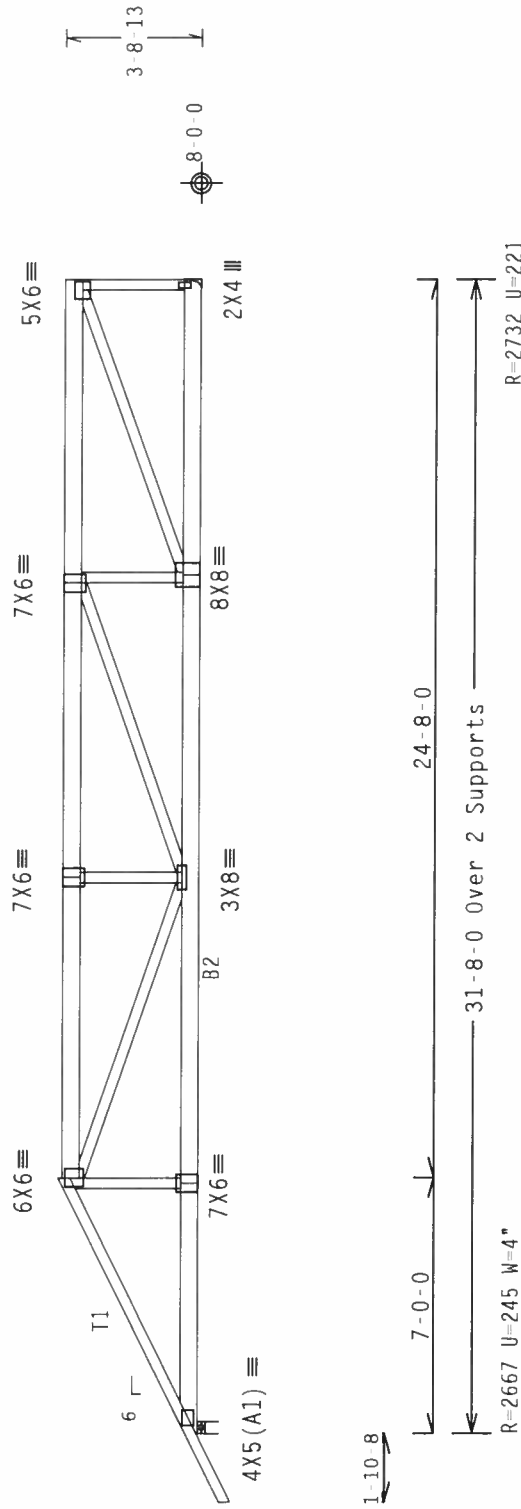
Webbs : I Row @ 4" O.C.

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

Right end vertical not exposed to wind pressure.

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

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



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

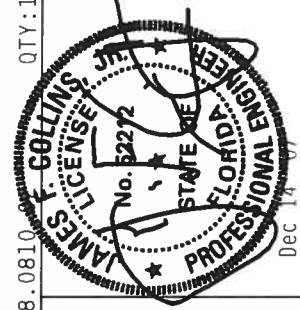
$$C_g/RT = 1.00(1.25)/0(0)$$

0810

QTY: 1 EI / - / 6 / - / - / P / -

Scale = .1875"/Ft.

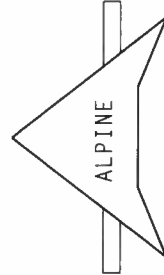
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TC DL	10.0	PSF	DATE	12/14/07	
BC DL	10.0	PSF	DRW	HCUSR215	07348056
BC LL	0.0	PSF	HC-ENG	CR/DLJ	
TOT.LD.	40.0	PSF	SEQN-	209878	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1TDA215	Z01



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST AVAILABLE COMPONENT SAFETY INFORMATION, PUBLISHED BY IP1 (TRUSS PLATE INSTITUTE, 2310 N. STREET, SUITE 313, ALEXANDRIA, VA, 22314) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6308 CHURCHLICK, NEWPORT NEWS, VA 23601) FOR THE LATEST RECOMMENDED PRACTICES FOR PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTH CHORD SHALL HAVE PROPERLY ATTACHED BRIDGING.

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

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AWS NATIONAL DESIGN SPEC. BY AFSPA AND TPI. CONNECTOR PLATES ARE MADE OF 20/18/16GA. (4/15/5/3) ASTM A563 GRADE 40/60 (4, 6/3/55) GALV. STEEL. APPLY PLATES TO EACH FACT OF THISS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 16GA 2. AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENTS OF THE DESIGN SHOWING. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI SEC. 2.



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

FL Certificate of Authorization # 0 278
Haines City, FL 33844

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

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

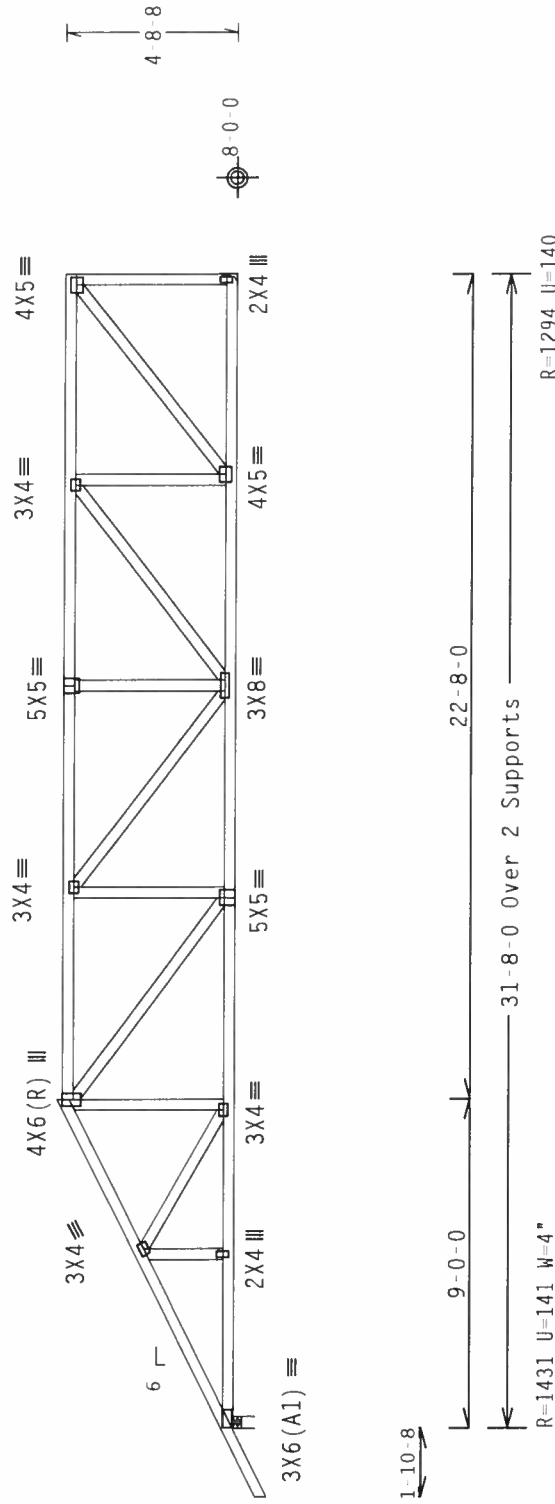
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

****WARNING**** BOSSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. NORTHWEST CORROSION PREVENTATION, PUBLISHED BY THE CHASSIS PLATE INSTITUTE, 618 NORTH LEE STREET, SUITE 11172, EVANSTON, ILL. 60120, TEL. 708/491-1100, FAX 708/491-1101. IF YOU ARE AN ENTERPRISE LANE, HODGKINS, MI 52719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, IN ANY OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID GUTTING.

****WARNING**** BRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPANIES SAFETY PRACTICES FOR ALL TRUSS PLATE INSTALLATION. 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22304-7600, MICHAEL BAKER CORP., 1000 WILSON AVENUE, ENTERPRISE LAKE, HUNTSVILLE, TN 37419, OR 53719, FOR SAFETY PRACTICES RELATIVE TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

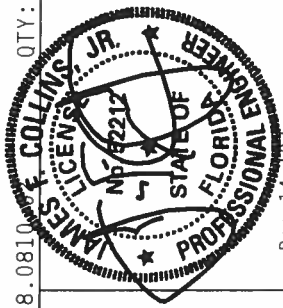
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM REG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH IBC; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF BRUSSES.

Cq/RT=1.00(1.25)/0(0) 7

ALPINE

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

Haines City, FL 33844
FL Certificate of Authorization #0278



Dec 14 '07

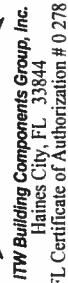
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TC DL	10.0 PSF	DATE 12/14/07
BC DL	10.0 PSF	DRW HCURS215 07348057
BC LL	0.0 PSF	HC - ENG CR/DLJ
TOT.LD.	40.0 PSF	SEQN - 209884
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF - 1TDA215 Z01

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

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


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

DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TDA215 Z01



Haines City, FL 33844
FL Certificate of Authorization #0 278

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

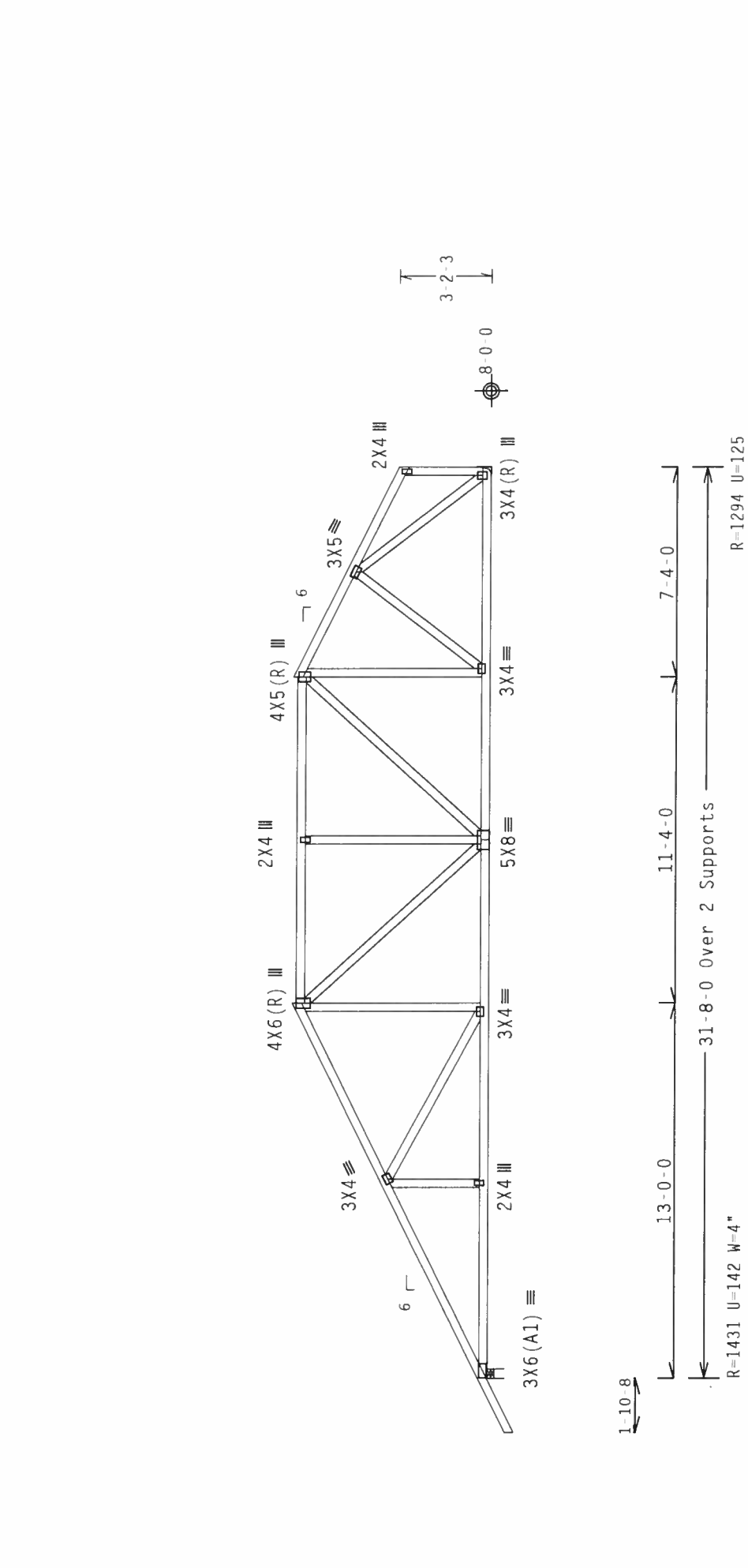
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi(+/-)=0.18

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

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/0(0) 7.38.0810 QTY:1 FL/-/6/-/R/- Scale = .1875"/Ft.

TC LL	20.0 PSF	REF	R215--	86759
TC DL	10.0 PSF	DATE	12/14/07	
BC DL	10.0 PSF	DRW	HCUSR215	07348059
BC LL	0.0 PSF	HC-ENG	CR/DLJ	
TOT.LD.	40.0 PSF	SEQN-	209894	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1TDA215_Z01	

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

JAMES F. COLLINS, JR.
PROFESSIONAL ENGINEER
STATE OF FLORIDA
No. 15242
Dec 14 07

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THE USER SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF IBCS (NATIONAL DESIGN SPEC. BY AISC) AND TPI. 11M BCG CONTRACTOR PLATES ARE MADE OF 2018/16GA (40/60 (4. K/M, 55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. A SEAL ON THIS DESIGN SHOWS THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

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

(A) Continuous lateral bracing equally spaced on member.

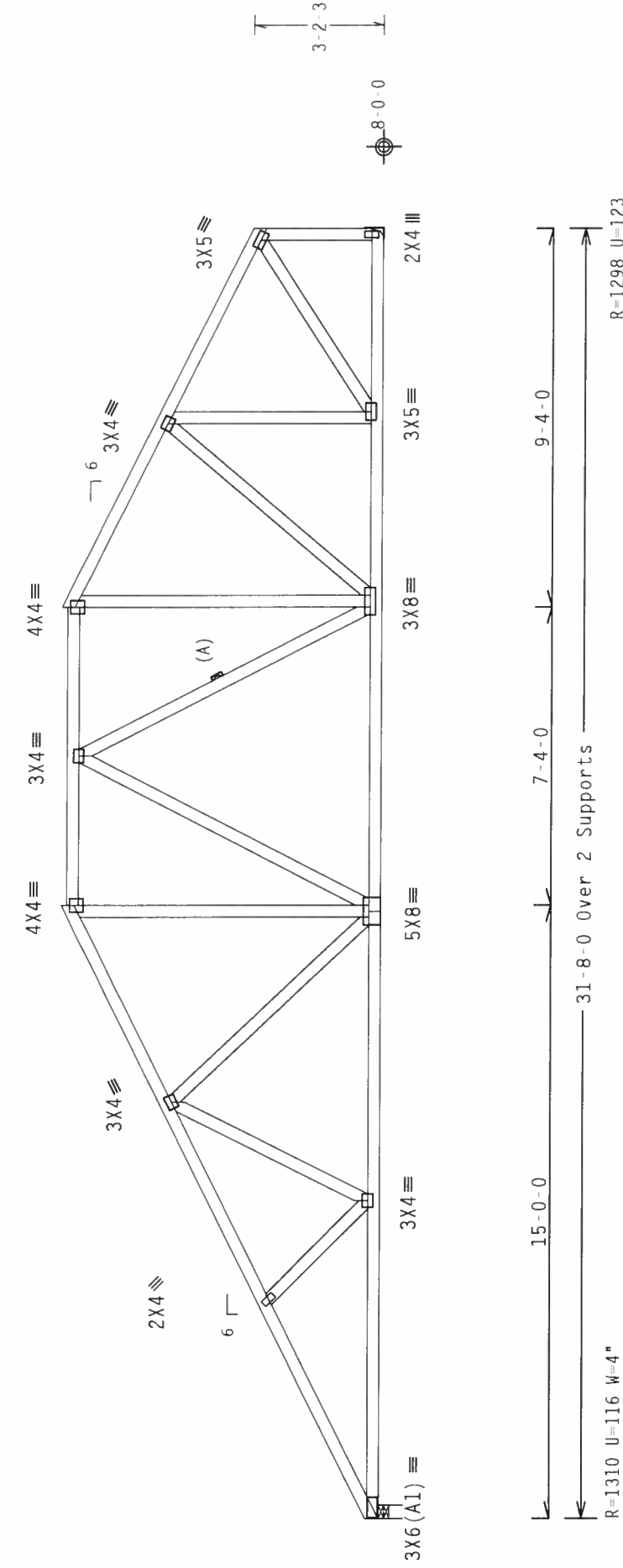
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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



PLT TYP. Wave

Scale = 25"/Ft.

QTY:1 FL/-/6/-/-/R/-

0810-0697(200601)24:1;1-L

7.38.0

(0)0/

 $0(1.25)$ $Q/RT=1.0$

CC

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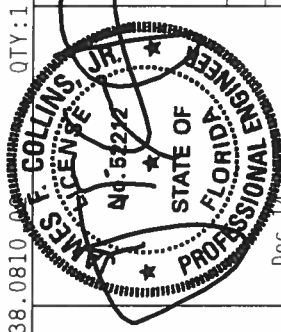
Wave.

PLT TYP

•WARNING• BRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPOSITE SAFETY INFORMATION), PUBLISHED BY TP1 (TRUSS PLATE INSTITUTE, 2100 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WUSA (WOOD TRUSS COUNCIL OF AMERICA, 6308 WOODBURN AVENUE, SUITE 100, CHICAGO, IL 60639) FOR SAFETY PRACTICES PRIOR TO PERFORMING THE FUNCTIONS. OTHERWISE, INDICATED TOP CHORD SIGHT LINE PROBABLY APPLIED STRUCTURAL PANELS AND BOTTOM CHORD SIGHT LINE PROBABLY ATTACHED RIGHT CHORD.

****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 (PI) OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF INDUS. NATIONAL DESIGN SPEC., BY AISC/A AND TPI. THE BGC
CONNECTOR PLATES ARE MADE OF 2018/166A (44/55/57K) ASTM A563 GRADE 40/60 (44 K/55) J45. 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 43 OF TPI-2002 SEC.3.
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/PI 1.3 SEC. 2.



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FL Certificate of Authorization # 0278

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Haines City, FL 33844
FL Certificate of Authorization # 0278

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

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

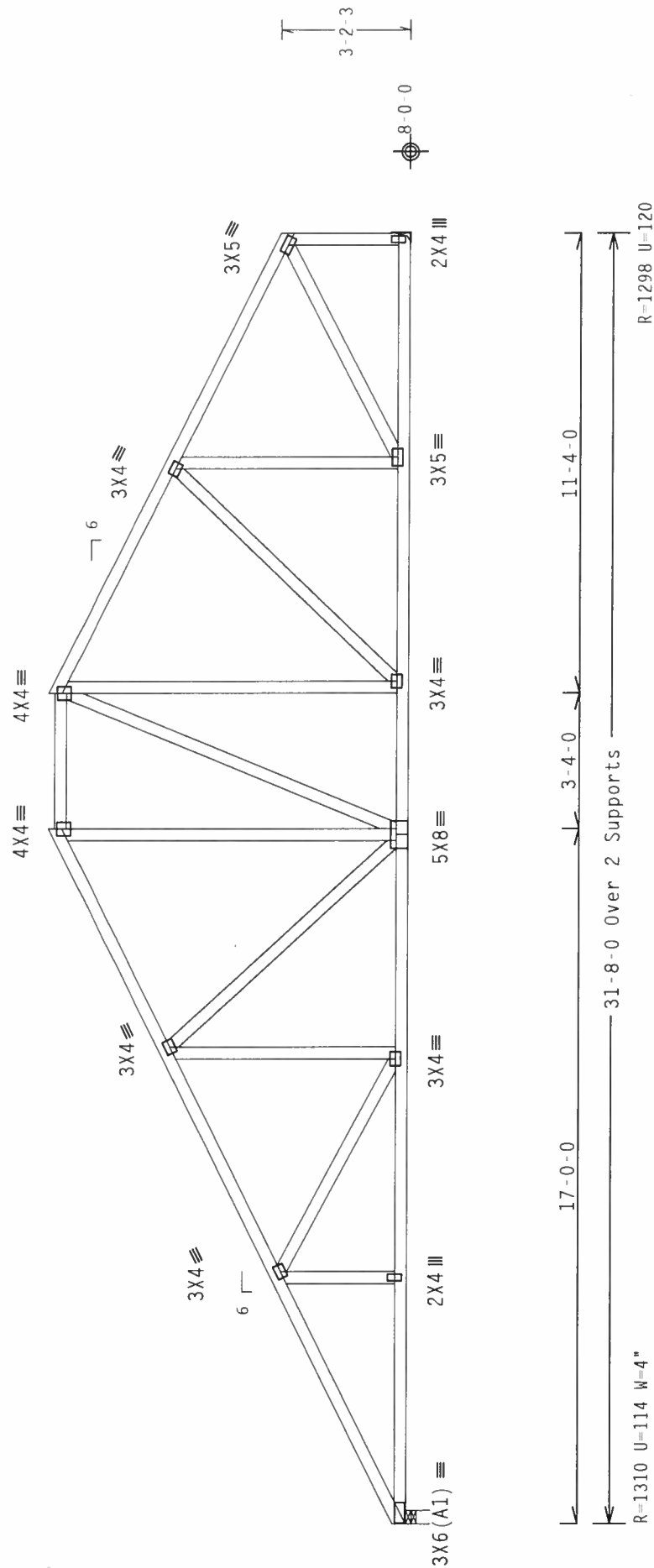
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

[illegible][illegible]

PLT TYP. Wave

810

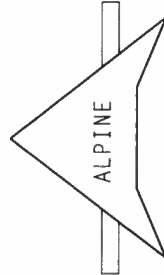
0TV.1 EI / - / 6 / - / - / D / - /

Scale = 25"/Ft.

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TC DL	10.0	PSF	DATE 12/14/07
BC DL	10.0	PSF	DRW HCUR215 07348061
BC LL	0.0	PSF	HC-ENG CR/DLJ
TOT.LD.	40.0	PSF	SEQN- 209909
DUR.FAC.	1.25		FROM CDM
SPACING	24.0"		JREF- 1TDA215 Z01



Dec 14 1971



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FL Certificate of Authorization # 0 278

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

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

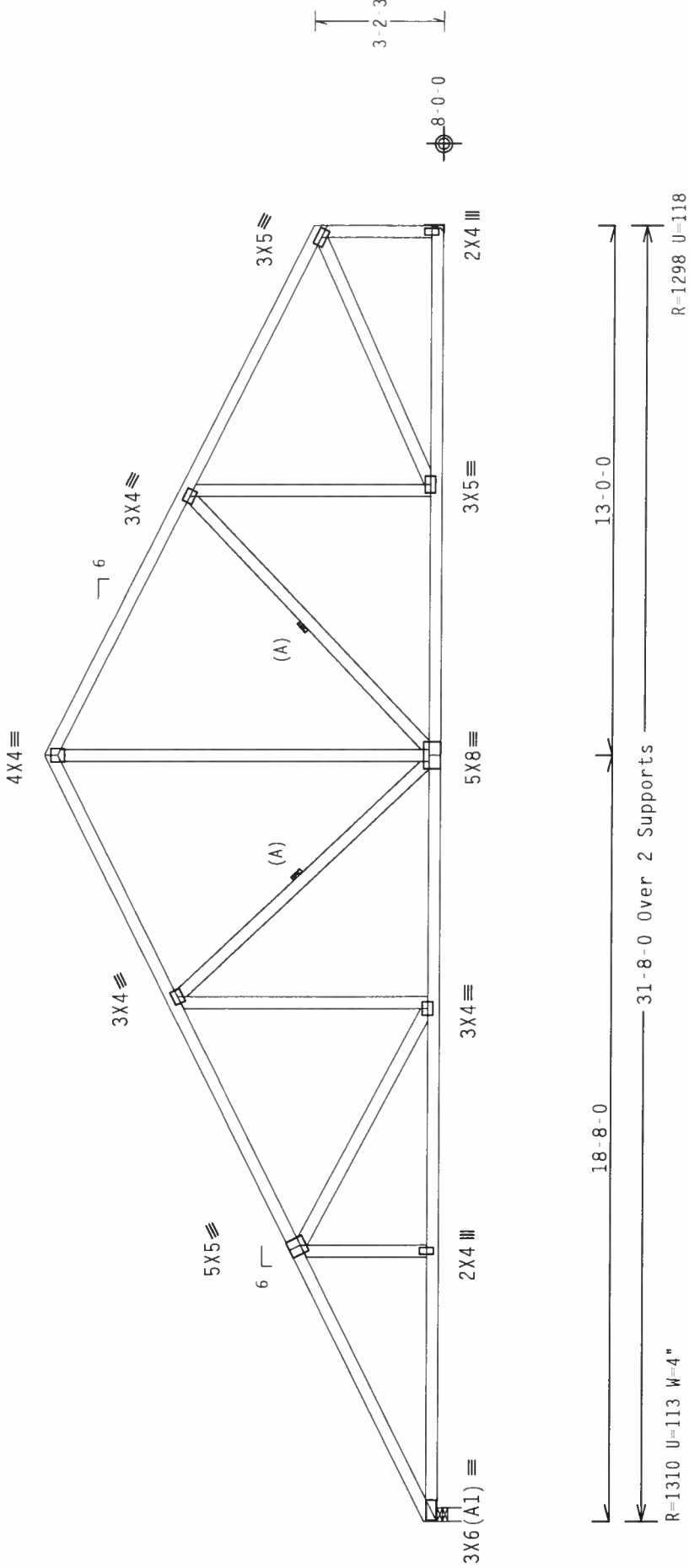
Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

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

The overall height of this truss excluding overhang is 9'-8-3".



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

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

7.38.0810.00

QTY: 1

FL/-/6/-/R/-

Scale = .25"/Ft.

11W Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

ALPINE

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCS1 (BUILDING COMPONENT SAFETY INFORMATION) FOR TRUSS AND BRACING INFORMATION. THE TRUSS IS TO BE USED IN CONFORMANCE WITH THE FOLLOWING: NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304, AND MECA (WOOD TRUSS) COUNCIL OF AMERICA, 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. 11W BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AITAP) AND TPI. 11W BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (40/60 (M, K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING 16GA-2. DRAWING INDICATES THE SITUATION OF THE TRUSS COMPONENT. A SEAL ON THIS DESIGN SHOWS THE SITUATION OF THE TRUSS COMPONENT. THE SITUATION OF THE TRUSS COMPONENT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER A01/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"

REF R215-- 86762

DATE 12/14/07

DRW HCUSR215 07348062

HC-ENG CR/DLJ

SEQN- 209914

FROM CDM

JREF- 1TDA215_Z01

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

1110 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. $I_w=1.00$ $G C p_i(+/-)=.18$

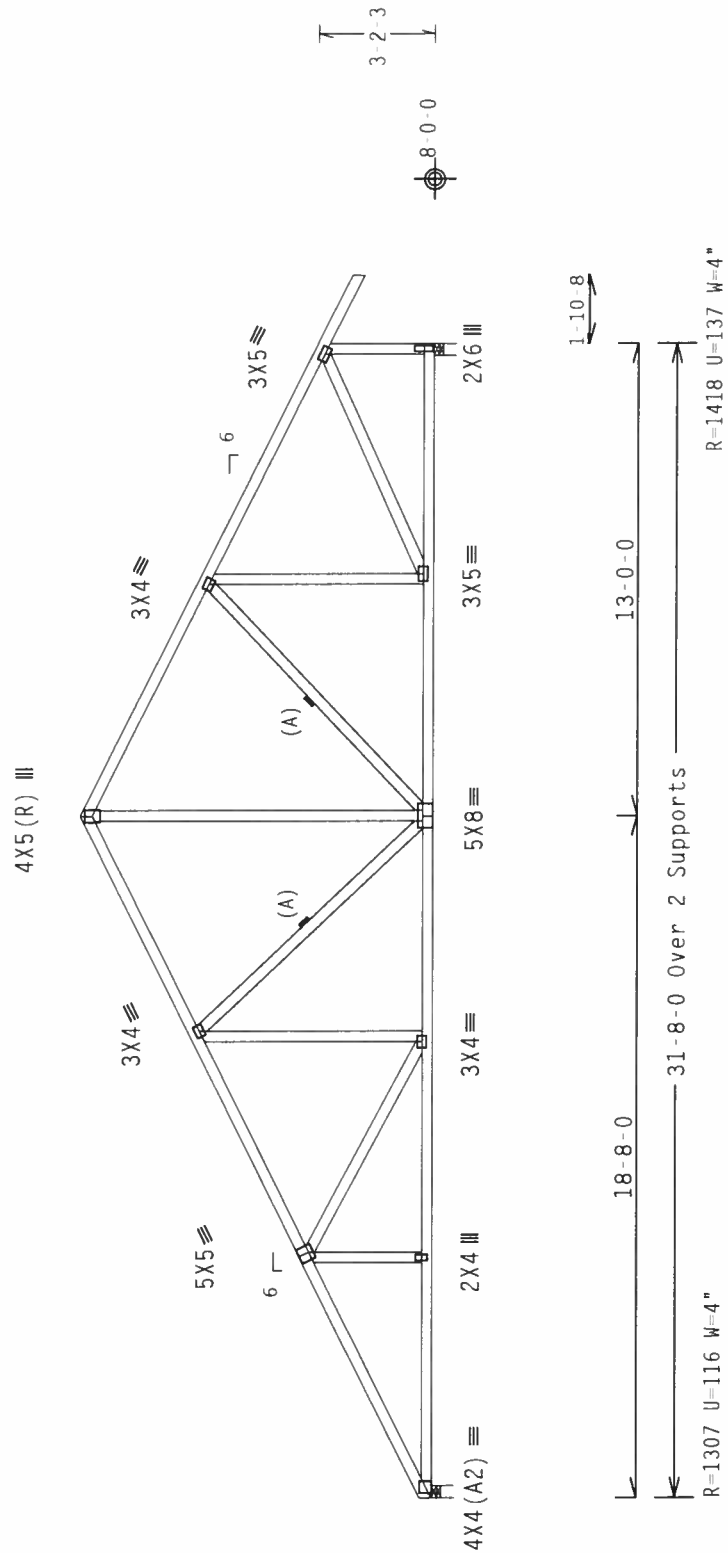
(A) Continuous lateral bracing equally spaced on member.

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

The overall height of this truss excluding overhang is 9-8-3.

Wind reactions based on MUFERS pressures.

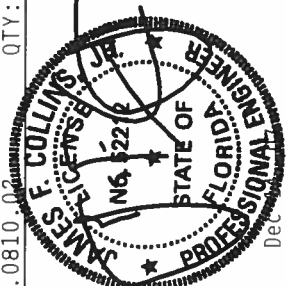
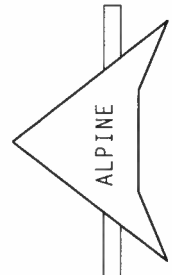
Right end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.



Design Crit: TPI-2002(STD)/FBC

QTY:1 FL/-/6/-/-/R/-/ - Scale =.1875"/Ft.

TC LL	20.0	PSF	REF	R215--	86763
TC DL	10.0	PSF	DATE	12/14/07	
BC DL	10.0	PSF	DRW	HCUSR215	07348063
BC LL	0.0	PSF	HC-ENG	CR/DLJ	*
TOT.LD.	40.0	PSF	SEQN-	209920	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1TDA215_Z01	

[illegible]

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

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

(A) Continuous lateral bracing equally spaced on member.

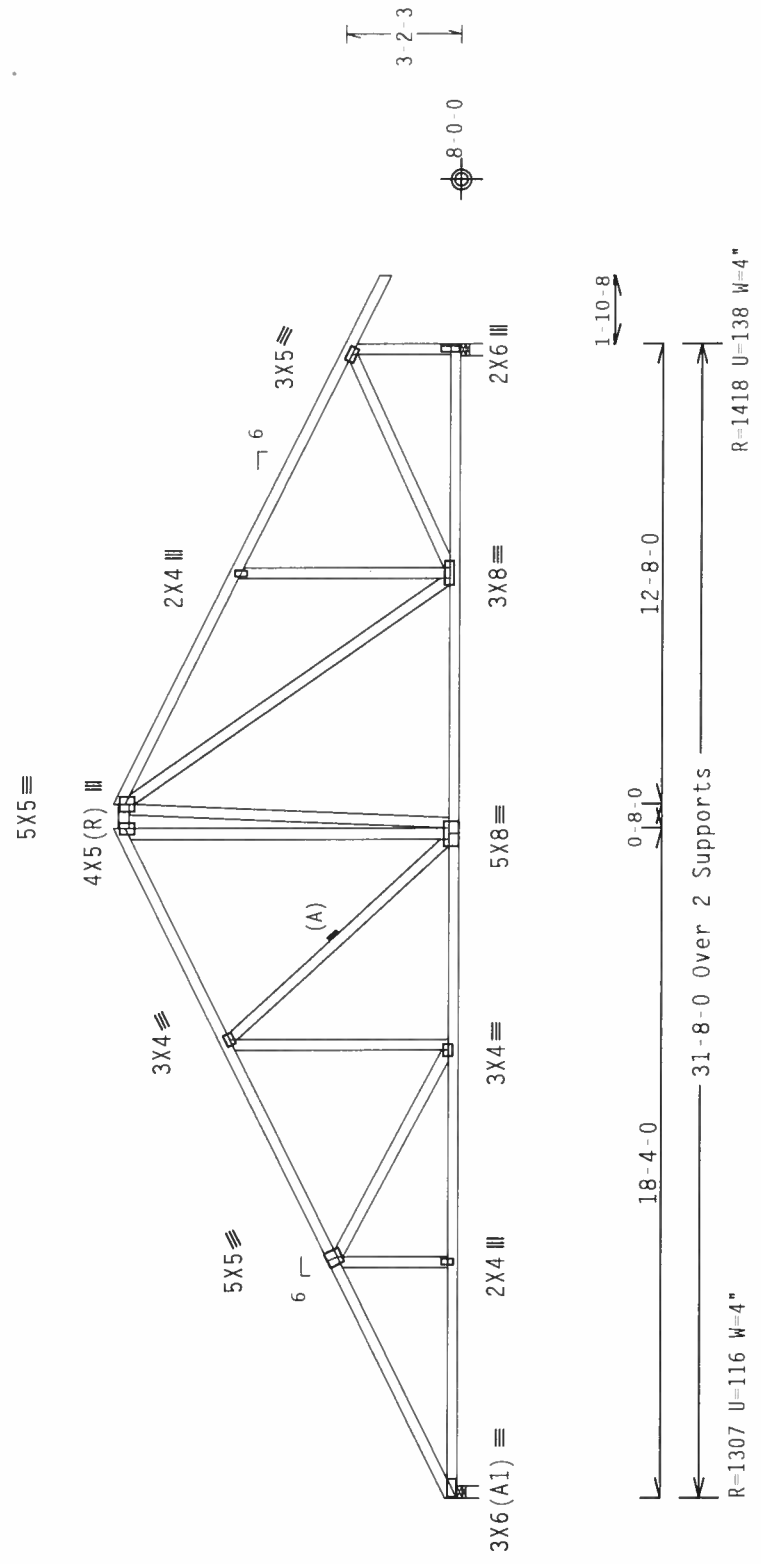
Wind reactions based on MWFRS pressures.

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

Right end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

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

The overall height of this truss excluding overhang is 9-6-3.



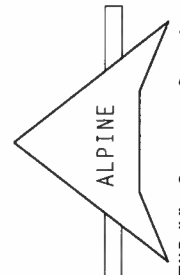
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.38.0810.02

QTY:1 FL/-/6/-/R/- Scale =.1875"/Ft.

****WARNING**** TRUSSES REQUIRING EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST AVAILABLE BUILDING COMPONENT SAFETY INFORMATION. PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 2100 W. 10TH AVE., SUITE 100, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO FABRICATING AND BRACING TRUSSES. 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 IBCS (NATIONAL DESIGN SPEC. BY AISC) AND TPI. THE BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (4-H/55/K) ASTM A653 GRADE 40/60 (4, 8/H, 55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERICAN A3 OF TPI 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGNER. THE SIGNATURE OF THE DESIGNER SHALL BE USED FOR THE TRUSS COMPONENT. THE USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

TC LL	20.0 PSF	REF	R215--	86764
TC DL	10.0 PSF	DATE	12/14/07	
BC DL	10.0 PSF	DRW	HCUSR215	07348064
BC LL	0.0 PSF	HC-ENG	CR/DLJ	*
TOT.LD.	40.0 PSF	SEQN-	209924	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1TDA215_Z01	



ALPINE

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

FL Certificate of Authorization # 0 278

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



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

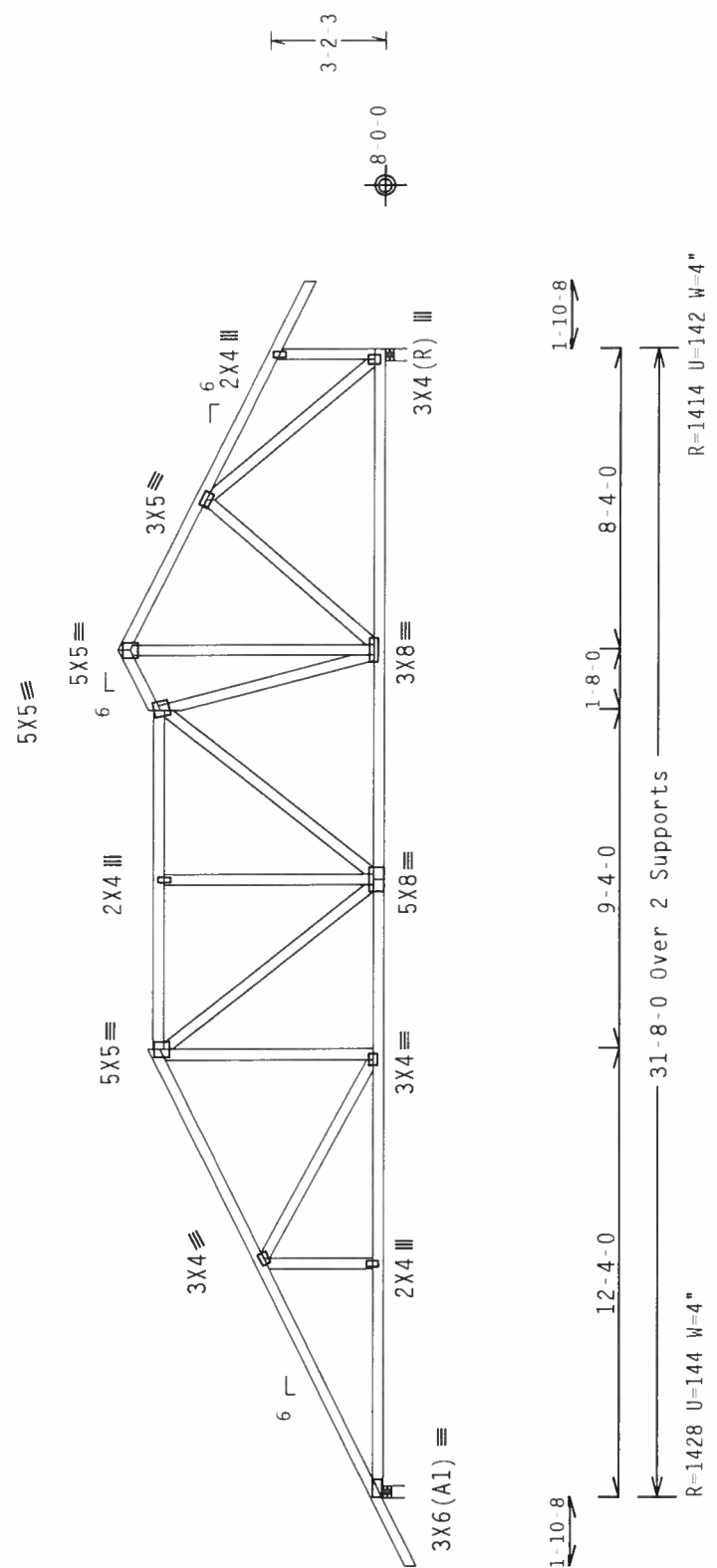
In view of structural panels use purlins to brace all flat TC @ 24" OC.

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

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

Wind reactions based on MWFRS pressures.

Right end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.



Design Crit: TPI-2002(STD)/FBC

FI-2002(S10)/FBC
Cq/RT=1.00(1.25)/0(0) 7.

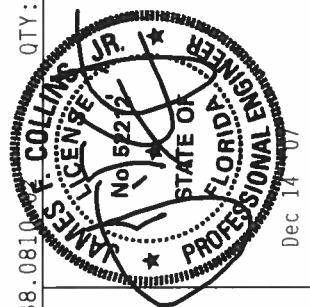
0810

QTY:1 FL/-/6/-/-/R/-/-

Scale = .1875"/Ft.

FL/-/6/-/-/R/-	Scale = .1875"/Ft.
TC LL 20.0 PSF	REF R215-- 86767

TC DL	10.0	PSF	DATE	12/14/07
BC DL	10.0	PSF	DRW	HCUSR215 07348067
BC LL	0.0	PSF	HC-ENG	CR/DLJ
TOT.LD.	40.0	PSF	SEQN-	209936
DUR.FAC.	1.25		FROM	CDM
SPACING	24.0"		JREF-	1TDA215 Z01



****WARNING**** TROUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCS1 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WPCA (WOOD TRUSS COUNCIL OF AMERICA, 6200 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CUTTING.

****IMPORTANT****-FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITR BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO OR DESTRUCTION OF THE TRUSS IN COMPLIANCE WITH THE FOLLOWING REQUIREMENTS:

(1) OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES (BY AFAPA) AND IPT.

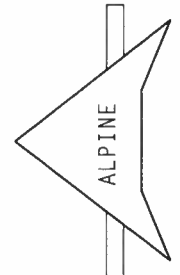
(2) DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC.), BY AFAPA) AND IPT.

(3) CONNECTOR PLATES ARE MADE OF 20/JB/16GA (.W/575KSL ASTM A653 GRADE 40/60 (.M./JH-55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z.

(4) ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF IPT-2002 SEC.3.

(5) DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN.

(6) THE SUBMITTAL AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGNING DESIGNER PER ASD/IPT-1 SEC. 2.



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

	Top chord	2x4	SP	#2	N	:T2	2x4	SP	SS:
	Bot chord	2x4	SP	#2	N	:B3	2x4	SP	#2 Dense:
	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

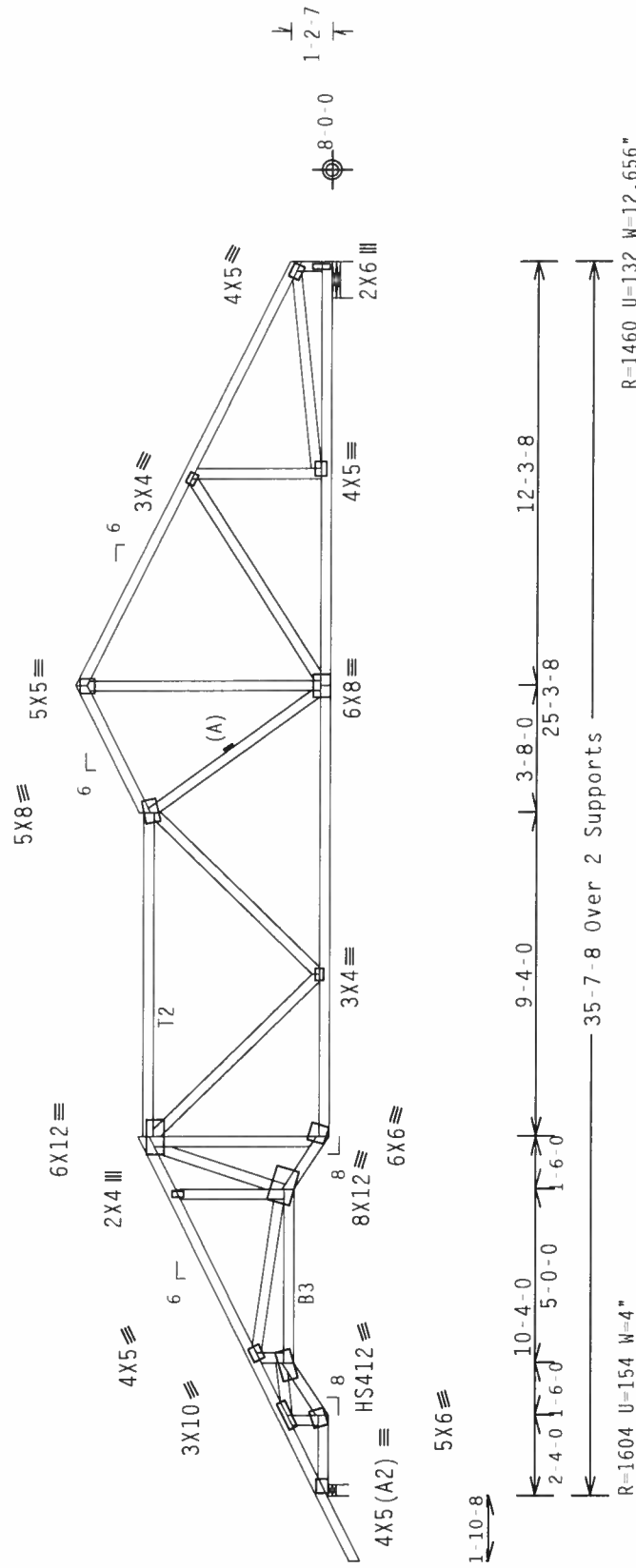
(A) Continuous lateral bracing equally spaced on member.

Wind reactions based on MWFRS pressures.

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

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

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



PLT TYP. 20 Gauge HS, Wave

Design Crit: TPI-2002(STD)/FBC

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

QTY:1 FL/-/6/-/-/R/-/

Scale = 1875"/Ft.



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

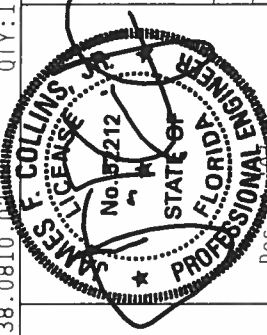
*****WARNING***** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING CODES FOR TRUSS DESIGN. TRUSSES TO BE SHIPPED BY RAIL (TRUSS PLATE INSTITUTE, 218 MAIN STREET, SUITE 1172, ALBERTA PARK, VA 22314) AND HELD BY CRUISE (CRUISE OF AMERICA, 6300 FARMERISE LANE, SUITE 100, FARMERISE, VA 22029) FOR DELIVERY TO PROJECTS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

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

DESIGN COMPROMISES WITH APPLICABLE PROVISIONS OF AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION) SPECIFICALLY: ASDH (ALLOWED STRESS DESIGN), LRFD (LOAD RESISTANCE FACTOR DESIGN), AND TYPICAL CONNECTION PLATES ARE MADE OF A36/A572 GRADE (ASTM A572/A36). ASH 4063 GALV. STEEL, APPLY BCG'S DESIGN REQUIREMENTS TO ALL TRUSSES ORDERED ON THIS DESIGN, POSITION PER DRAWINGS THRU 2. IF THERE IS AN ISSUE WITH THESE REQUIREMENTS, CONTACT BCG IMMEDIATELY AT 800-955-2002.

INSPECTION OF PLATES FOLLOWED BY SHIPMENT SHALL BE REQUIRED FOR ALL TRUSSES. THE BUYER'S INSPECTION OF TRUSSES SHALL BE LIMITED TO VISUAL INSPECTION ONLY. THE BUYER'S ACCEPTANCE OF THE TRUSSES, INCLUDING DRIVING INDICATES, ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY, SOLELY FOR THE TRUSSES COMPONENTS OF THE BUILDING, SHALL BE THE BUYER'S RESPONSIBILITY.

THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/APA 11 SEC. 2.



TC LL	20.0	PSF	REF R215-- 86768
TC DL	10.0	PSF	DATE 12/14/07
BC DL	10.0	PSF	DRW HCURS215 07348068
BC LL	0.0	PSF	HC-ENG CR/DLJ *
TOT.LD.	40.0	PSF	SEON- 210068
DUR.FAC.	1.25		FROM CDM
SPACING	24.0"		JREF- 1TDA215 Z01

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

Wind reactions based on MWFRS pressures.

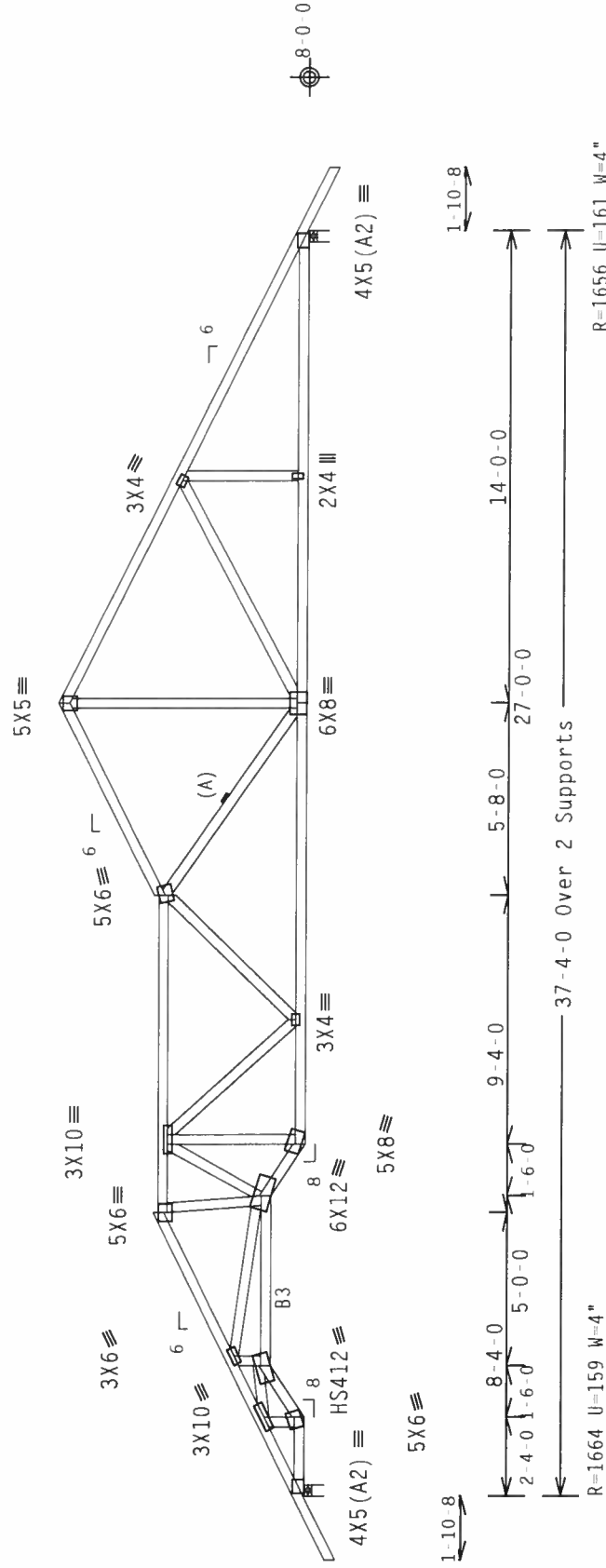
(A) Continuous lateral bracing equally spaced on member.

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

Calculated horizontal deflection is 0.14" due to live load and 0.14" due to dead load.

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

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



Design Crit: TPI-2002(STD)/FBC

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

7

OTY:

F11-161-1-1R1-

Scale = 1875"/Ft

WARNING—TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 (BUILDING CONCEPT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 317, ALEXANDRIA, VA. 22314) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WIS. 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE SPECIFIED, TRUSSES SHOULD BE PROTECTED AND SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOLT CHORD SHALL HAVE PROPERLY ATTACHED REINFORCING BARS.

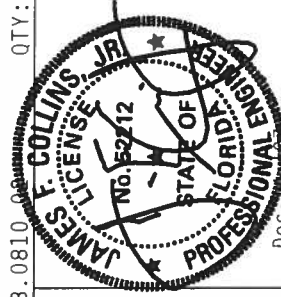
IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPLIANCE WITH THE SPECIFICATIONS WILL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC NATIONAL DESIGN SPEC. BY AISC/A AND THE FOLLOWING:

PLATES TO ENFACE FACE OF TRUSSES

INSPECTION OF PLATES FOLLOWED BY (1) SMALL PER ANCH OR (2) TO 20% OF TOTAL AREA OF PLATES

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENTS SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. PER ANSI/TPI SEC. 2.



Haines City, FL 33844
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Haines City, FL 33844

Top chord 2x4 SP #2 N :T2 2x6 SP #2 N:
Bot chord 2x6 SP #2 N :B3 2x6 SP #2 N:
:B4 2x6 SP #2 Dense:
Webs 2x4 SP #2 N

SPECIAL LOADS

- TC - From 62 PLF at 1.88 to 62 PLF at 6.33
- TC - From 62 PLF at 6.33 to 62 PLF at 15.67
- TC - From 62 PLF at 15.67 to 62 PLF at 23.33
- TC - From 62 PLF at 23.33 to 62 PLF at 39.21
- BC - From 20 PLF at 0.00 to 20 PLF at 2.33
- BC - From 24 PLF at 2.33 to 24 PLF at 3.83
- BC - From 20 PLF at 3.83 to 20 PLF at 8.83
- BC - From 24 PLF at 8.83 to 24 PLF at 10.33
- BC - From 20 PLF at 10.33 to 20 PLF at 23.33
- BC - From 20 PLF at 23.33 to 20 PLF at 37.33
- TC - 164 LB Conc. Load at 6.33, 8.40, 10.40
- BC - 368 LB Conc. Load at 6.33
- BC - 72 LB Conc. Load at 8.40
- BC - 70 LB Conc. Load at 10.40
- BC - 1358 LB Conc. Load at 12.46

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

2 COMPLETE TRUSSES REQUIRED

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

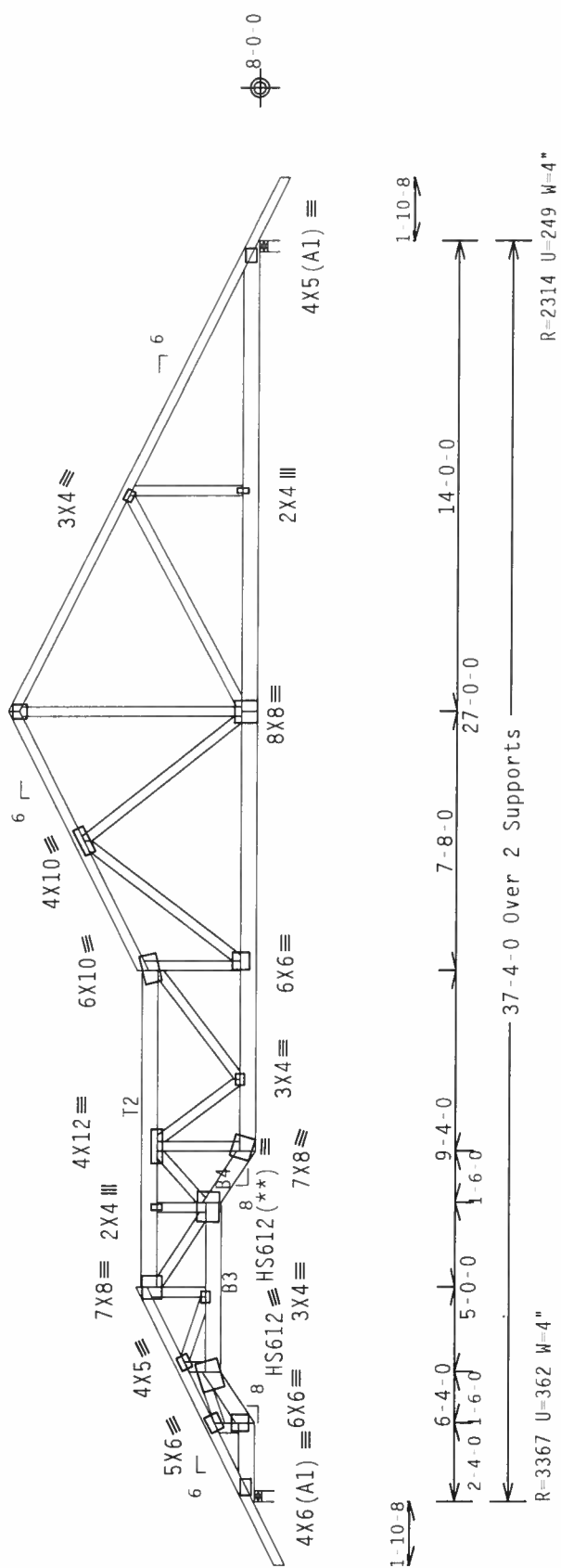
(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

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

Wind reactions based on MWFRS pressures.

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

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



PLT TYP. 20 Gauge HS-Wave
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.38.0810

PLT TYP. 20 Gauge HS-Wave		QTY:1	FL/-/6/-/R/-	Scale = .1875"/Ft.
REF R215-- 86770		TC LL	20.0 PSF	
DATE 12/14/07		TC DL	10.0 PSF	
DRW HCUSR215 07348090		BC DL	10.0 PSF	
HC-ENG CR/DLJ		BC LL	0.0 PSF	
SEQN- 210062		TOT.LD.	40.0 PSF	
FROM CDM		DUR.FAC.	1.25	
JREF 1TDA215 Z01		SPACING	24.0"	

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

Dec 14 07

Professional Engineer
STATE OF FLORIDA
No. 52472
J.R. COLLINS JR.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION (BCCI) PUBLISHED BY THE TRUSS ASSOCIATION, 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND MICA (WOOD TRUSS COUNCIL OF AMERICA), 6300 ENTERPRISE LANE, MADISON, MI 48071. 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 DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY ASEP) AND TPI. ITW BEG CONNECTOR PLATES ARE MADE OF 2018/16GA (N-H/55/K) ASTM A653 GRADE 40/60 (4. K/D/SS) GALV. STEEL. APPLY ANY INSPECTION OF PLATE AND TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING 160A 2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE DESIGN COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/JPI 1 SEC. 2.

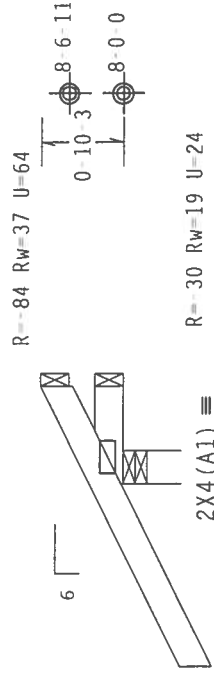
Top chord	2x4	SP	#2	N
Bot chord	2x4	SP	#2	N

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

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

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

Wind reactions based on MWFRS pressures.



$\leftarrow 1-10-8 \rightarrow$
 $1-0-0$ Over 3 Supports
 $R=313 \quad U=73 \quad W=4$

PLT TYP. Wave

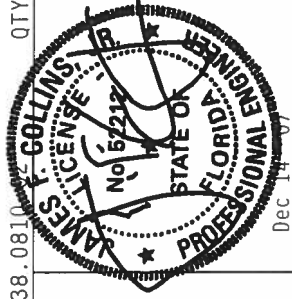
Design Crit: $\text{TPI} = 2002(\text{STD})/\text{FBC}$ $C_0/RT=1.00(1.25)/0(0)$

0810

QTY:1 FI/-/6/-/-/R/-

Scale = 5"/Ft.

TC LL	20.0	PSF	REF	R215--	86771
TC DL	10.0	PSF	DATE	12/14/07	
BC DL	10.0	PSF	DRW	HCUSR215	07348070
BC LL	0.0	PSF	HC-ENG	CR/DLJ	
TOT.LD.	40.0	PSF	SEQN-	210208	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1TDA215_Z01	



****WARNING**** (RUSSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IPT (RUSSS PLATE INSTITUTE), 218 N. LEE STREET, SUITE 312, 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 TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID BEAMS.)

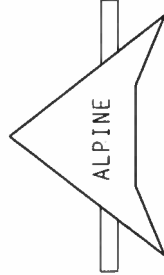
*****IMPORTANT***** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NATIONAL DESIGN SPEC. 1TH BCG.

CONNECTOR PLATES ARE MADE OF 2018/16GA. ALUM 4635 GRADE 40/60 (4. K/IN) 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 ABEX 43 OF TP11-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT OF DESIGN SHOWN.

THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AM/TP11 SEC. 2.



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Haines City, FL 33844

FL Certificate of Authorization #0278

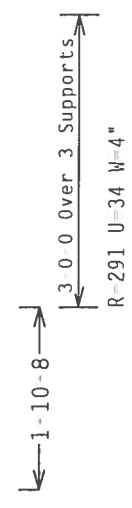
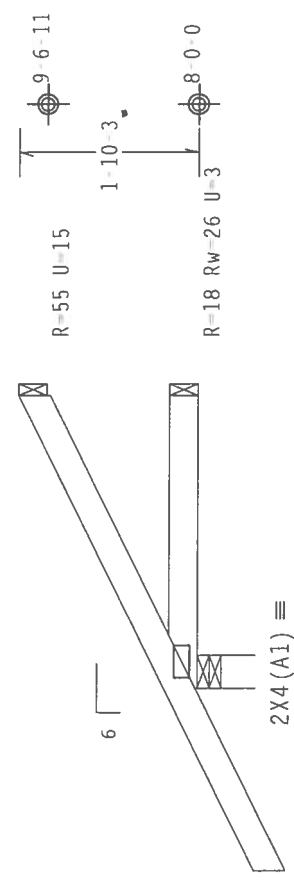
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

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

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

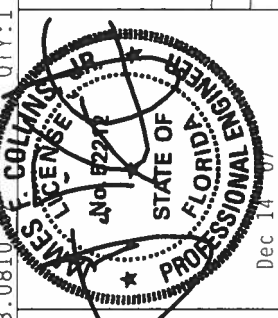
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.



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

PLT TYP. Wave	QTY: 1	FL / - / 6 / - / R / -	Scale = .5" / Ft.
REF R215-- 86772	TC LL	20.0 PSF	
DATE 12/14/07	TC DL	10.0 PSF	
DRW HCUSR215 07348071	BC DL	10.0 PSF	
HC-ENG CR/DLJ	BC LL	0.0 PSF	
SEQN- 210211	TOT.LD.	40.0 PSF	
FROM CDM	DUR.FAC.	1.25	
JREF- 1TDA215_Z01	SPACING	24.0"	



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF IBCS (NATIONAL DESIGN SPEC. BY AISC) AND TPI. CONNECTOR PLATES ARE MADE OF 2018/18GA (40/60) ASTM A553 GRADE 40/60 (4. K/M, 55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. LOCATION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES THE DESIGNER'S RESPONSIBILITY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE

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Haines City, FL 33844
FL Certificate of Authorization # 0 278

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



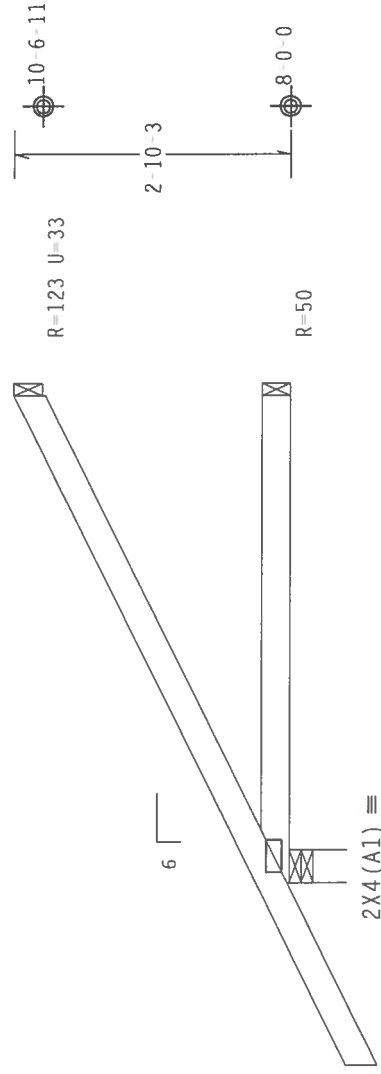
Dec 14 07

TC LL	20.0	PSF	REF R215 - 86773
TC DL	10.0	PSF	DATE 12/14/07
BC DL	10.0	PSF	DRW HCURS215 07348072
BC LL	0.0	PSF	HC-ENG CR/DLJ *
TOT.LD.	40.0	PSF	SEQN- 210232
DUR.FAC.	1.25		FROM CDM
SPACING	24.0"		JREF- 1TDA215_Z01

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

Wind reactions based on MWFRS pressures.

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


$$\downarrow 1 - 10 - 8 \rightarrow$$

5'-0" Over 3 Supports
R=355 U=31 W=4"

Design Crit: TPI-2002(STD)/FBC

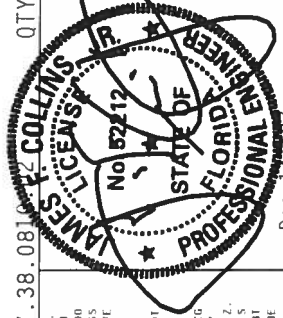
$$Cq/RT = 1.00(1.25)/0(0)$$

QTY:1 FL/-/6/-/1/-/R/-/

Scale = .5"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSS' BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY IPT (CROSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 UNIVERSITY DR., SUITE 100, FALLS CHURCH, VA, 22044) FOR SAFETY PRACTICES PRIOR TO PERFORMING THE SECTIONS. UNLESS OTHERWISE INDICATED, ALL TRUSSES SHOULD HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOLT CHORD SHALL HAVE PROPERLY ATTACHED BOLT-CLIPS.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. TIM BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPLIANCE WITH THIS SPECIFICATION, OR FABRICATING, SHIPPING, INSTALLING & BRACING OF THESE TRUSSES. THE TRUSS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PROVISIONS OF THE NATIONAL DESIGN SPEC. BY AISC AND THE STEEL EDITION, AUGUST 2002. CONNECTOR PLATES ARE MADE OF 20# DOMESTIC STEEL. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING. PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX 43 OF IP11 2002 SEC. 3. ANY INSPECTION OF TRUSS 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/1P1 SEC. 2.

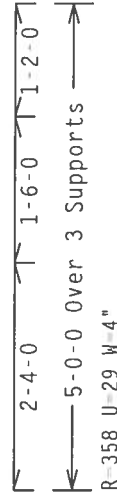


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Wind reactions based on MWFRS pressures.

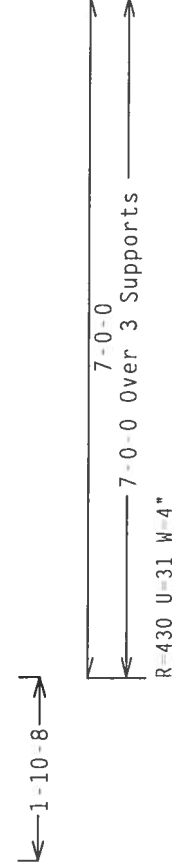
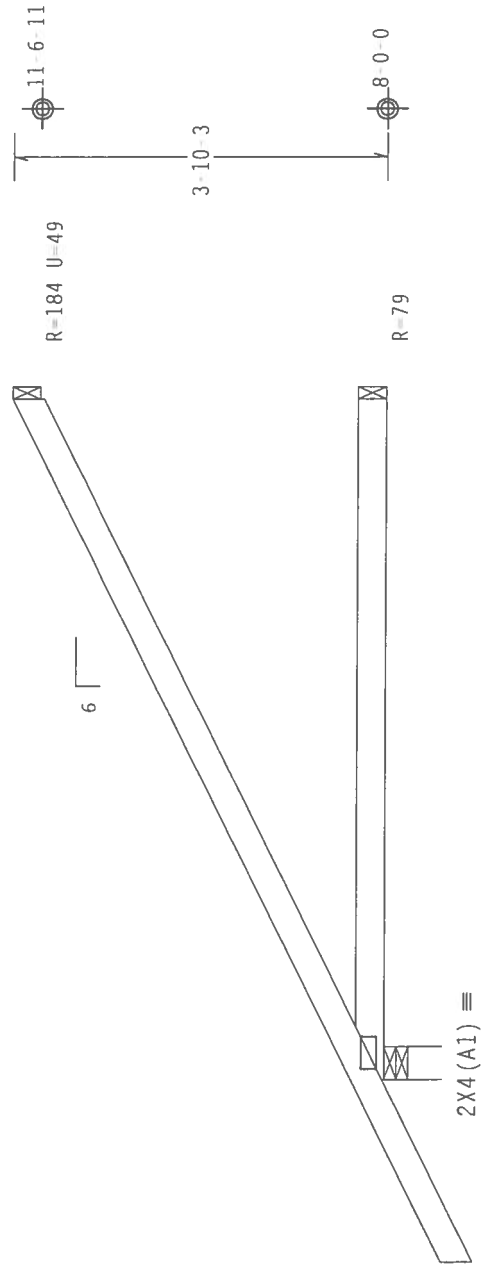


Dec 14 '07

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.

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



PLT TYP. Wave

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

7.38.0810.00

QTY:1

FL/-/6/-/1-/R/-

Scale = 5"/Ft.

TC LL	20.0 PSF	REF R215 -- 86776
TC DL	10.0 PSF	DATE 12/14/07
BC DL	10.0 PSF	DRW HCUSR215 07348075
BC LL	0.0 PSF	HC-ENG CR/DLJ *
TOT.LD.	40.0 PSF	SEQN - 210217
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF - 1TDA215_Z01

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION (BCSI) FOR TRUSS SAFETY. THE COUNCIL OF AMERICA, 6100 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304, AND NCA (NATIONAL COUNCIL OF TRUSSES), 1111 BCG 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 VIOLATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ITW BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/30/16GA (M/J/55/7K) ASTM A653 GRADE 40/60 (M, K/M,SS) GALV. STEEL. APPLY ANY INSPECTION OF PLATE LOAD BY TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE DESIGN. THE DESIGNER'S DESIGN SHALL BE THE SUIVABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AWS/TPI 1 SEC. 2.

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Haines City, FL 33844
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Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Deflection meets L/240 live and L/180 total load.
The overall height of this truss excluding overhang is 1-10-3.

110 mph wind, 15.00 ft mean 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.



6'
 2X4 (A1)
 3-0-0 over 3 Supports
 R-55 U=15
 R-18 Rw=26 U=3
 1-10-3

R 291 U=34 W=4"

Design Crit: TPI-2002(STD)/FBC

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

7.38.0810

Scale = 5"/Ft.

QTY: 1

FL/-/6/-/ -/R/-

REF R215-- 86777

DATE 12/14/07

DRW HCUSR215 07348076

HC-ENG CR/DLJ

SEQN- 210226

FROM CDM

JREF- 1TDA215_201

PLT TYP. Wave

ALPINE

ITW Building Components Group, Inc.

Haines City, FL 33844

FL Certificate of Authorization # 0 278

James E. Collins, Jr.

Professional Engineer

State of Florida

Dec 14 07

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

Wind reactions based on MWFRS pressures.

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



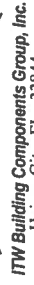
2'-4" 1'-6" 1'-6" 2'-6"

6'-4" Over 3 Supports

R=408 U=29 W=4"

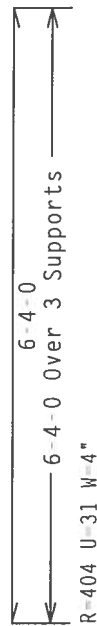
QTY:1 FI / - / 6 / - / - / R / -

JREF- 1TDA215_Z01



Haines City, FL 33844
FL Certificate of Authorization # 02788

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



Scale = 5"/Ft.

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun nails)

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

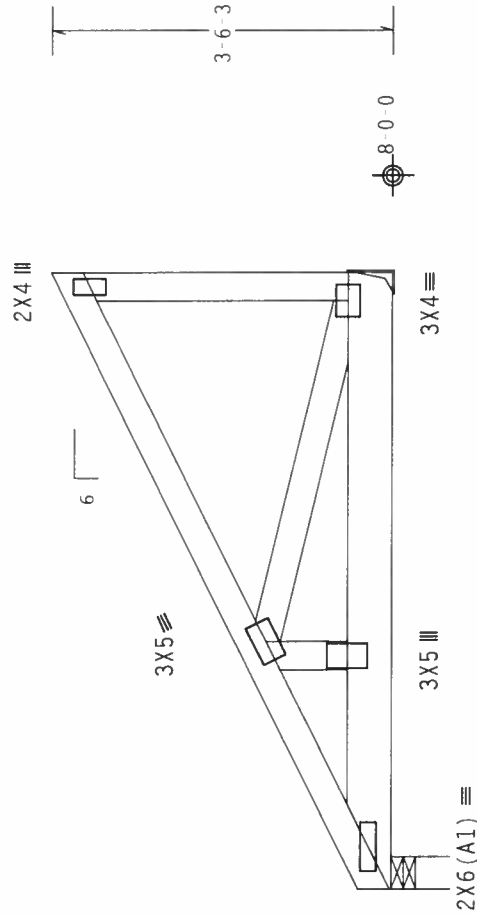
Bot Chord: 1 Row @ 3.25" 0.c.

Webs : 1 Row @ 4" o.c.

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

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

Right end vertical not exposed to wind pressure.



6-4-0 Over 2 Supports
R=2209 U=183 W=4"
R=1359 U=121

Design Crit: TPI-2002(STD)/FBC

$$Cq/RT=1.00(1.25)/0(0)$$
$$\text{Scale} = 5''/\text{Ft.}$$

QTY:1 FL/-/6/-/-/R/-/

7.38.0810.0

****WARNING**** BRUSSELS REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IP1 (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 UNIVERSITY 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 (P1) OR BRACING, INCLUDING SHIPPING, INSTALLING A BRACING OF TRUSSES.

(1) CONFORM WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AIAA) AND TPI-1TH REGO.
CONNECTION PLATES ARE MADE OF 7018/16GA (MIL-H-18793) ALUMINUM 6061 GRADE 40/60 (K=1/55) GALV. STEEL. APPLY
PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2,
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX 43 OF TPI-1:2002 SEC.3.
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT
DESIGN SHOWN. THE SUBMITTAL AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE
BUILDING DESIGNER. PER ANS/TPI 1 SEC. 2.



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

FL Certificate of Authorization # 0 278

TC LL	20.0 PSF	REF	R215-- 86781
TC DL	10.0 PSF	DATE	12/14/07
BC DL	10.0 PSF	DRW	HCUSR215 07348080
BC LL	0.0 PSF	HC-ENG	CR/DLJ
TOT.LD.	40.0 PSF	SEQN-	210042
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TDA215_Z01

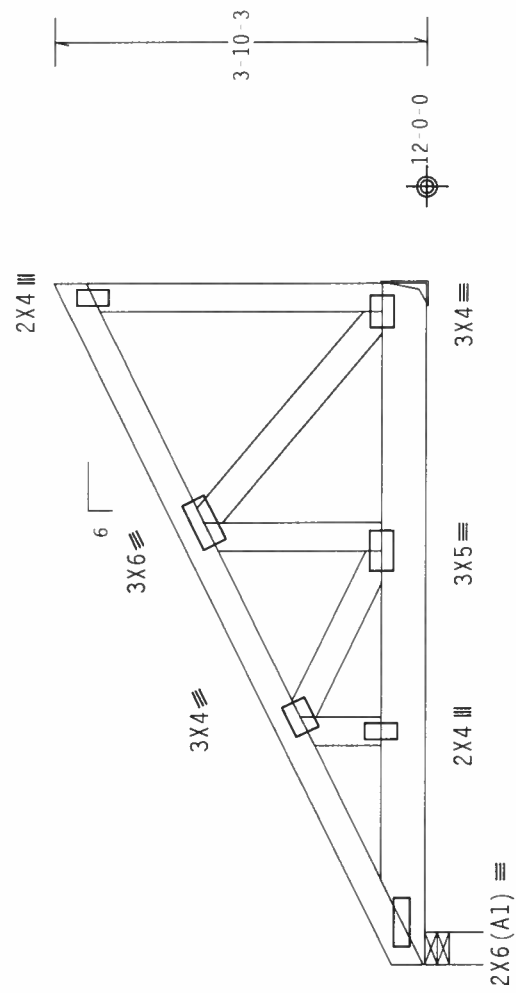
2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.731"x3" Gun_nails)
 Top Chord: 1 Row @12.00" o.c.
 Bot Chord: 2 Rows @ 4.50" o.c. (Each Row)
 Webs : 1 Row @ 4" o.c.

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

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

Right end vertical not exposed to wind pressure.

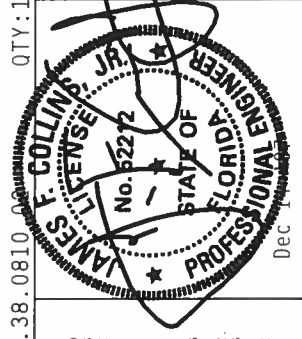


7-0-0 Over 2 Supports
R=2760 U=270 W=4" R=2501 U=256

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

Scale = .5"/Ft.

TC LL	20.0	PSF	REF	R215--	86782
TC DL	10.0	PSF	DATE	12/14/07	
BC DL	10.0	PSF	DRW	HCUSR215	07348081
BC LL	0.0	PSF	HC-ENG	CR/DLJ	
TOT.LD.	40.0	PSF	SEQN-	210096	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1TDA215_Z01	



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 (BUILDING CODES AND REGULATIONS) AND PUBLISHED BY TC1 (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WUSA (WOOD TRUSS COMPANY 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 PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT****-URNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR PROVIDING THE TRUSS IN COMPLIANCE WITH THE FOLLOWING SPECIFICATIONS:

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/PD) AND TPI.

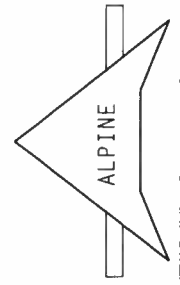
TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

CONNECTIONS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/PD) AND TPI.

CONNECTOR PLATES ARE MADE OF 20/18/16GA. UNLESS OTHERWISE ASYM A653 GRADE 40/60 (H. K/H-SS). STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, IF NECESSARY, TO EACH CHORD, POSITION PER DRAWINGS 16DA & 17DA.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX 43 OF TPI1-2002 SEC.3.

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENTS SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI SEC. 2.

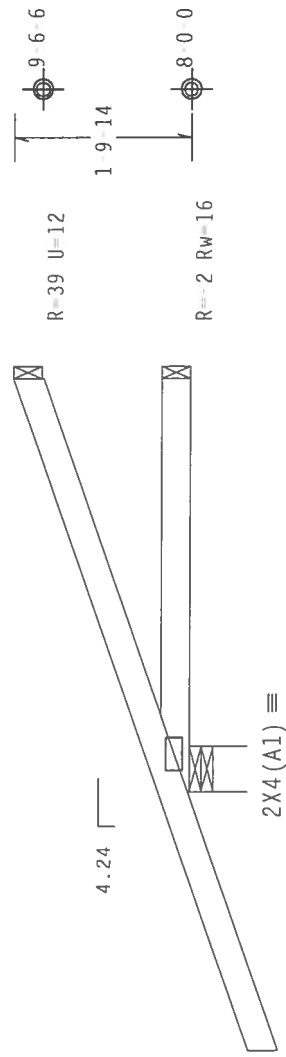


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1110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)0.18

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 1-9-14.

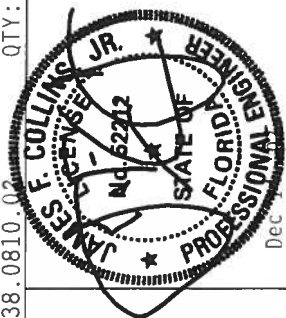


← 4-2-15 Over 3 Supports →
R 291 U-50 W-5.658"

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

Scale = .5"/Ft.

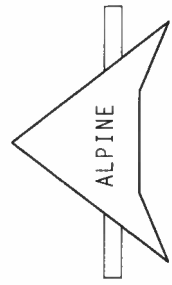
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TC DL	10.0	PSF	DATE	12/14/07	
BC DL	10.0	PSF	DRW	HCIUSR215	07348084
BC LL	0.0	PSF	HC-ENG	CR/DLJ	
TOT.LD.	40.0	PSF	SEQN-	209870	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1TDA215_Z01	



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. BECAUSE OF THEIR BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE STEEL PLATE INSTITUTION, 6308 NORTH ALLENE LANE, HANSON, MI 48030, THIS PRODUCT IS NOT TO BE USED FOR ANY PURPOSES OTHER THAN THOSE FUNCTIONS 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 SPECIFICATION, FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. FOR AISC) AND IPI. THE BCG COMPANY OR PLATES ARE MADE OF 2010/160A (44W/S516) ASTM A552 GRADE 40/50 (74, K/N,S5) GALV. STEEL. APPLY INSPECTION OF PLATES AND BOLTS PER AISC 360-10 SECTION 9.2.1. ALL DIMENSIONS SHALL BE AS SHOWN ON THIS DRAWING. INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLICIT FOR THE TRUSS COMPONENTS DESIGN SHOWING THE SUFFICIENCY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AWS/D1.1 SEC. 2.



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Haines City, FL 33844
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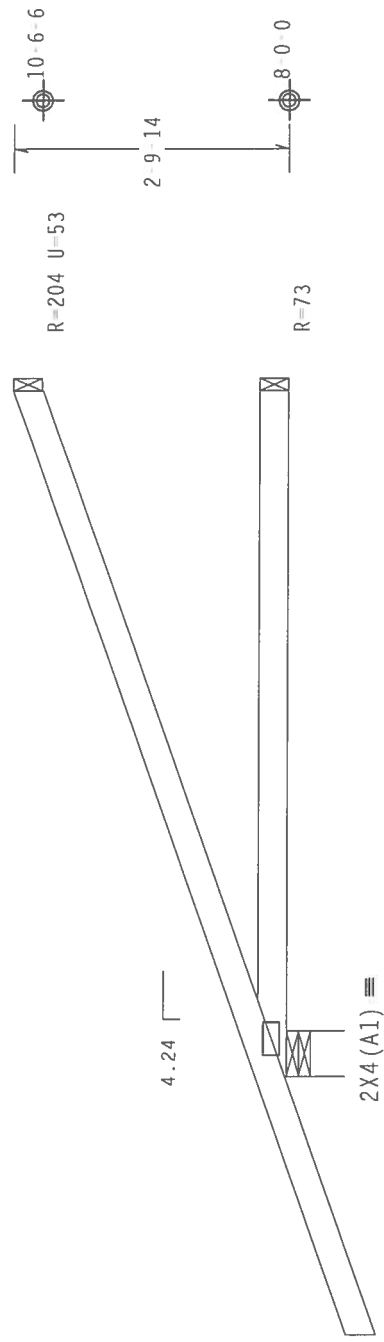
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

Hipjack supports 5-0-0 setback jacks with no webs.
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. $I_w=1.00$ GCpi(+/-)=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)

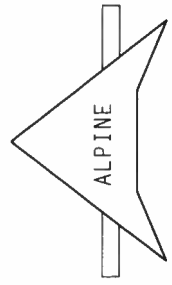
7.38.0810

QTY:1 FL/-/6/-/R/-

Scale = .5"/Ft.

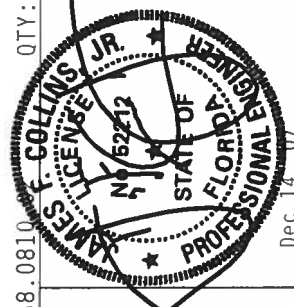
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RESIDENTIAL BUILDING COMPONENT SAFETY INFORMATION FOR TRUSSES, PUBLISHED BY THE NATIONAL TRUSS MANUFACTURERS ASSOCIATION, 1111 W. NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314, AND WEA (WOOD ENGINEERING ASSOCIATES, INC.), 6300 ENTERPRISE LANE, MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-2002(STD) OR TPI-2002(STD)/FBC, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. THE BCG, INC. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. FOR ALUMINUM AND TPI-2002(STD) CONECTOR PLATES ARE MADE OF 2018/16GA (N-H/SS/K) ASTM A653 GRADE 40/60 (N. K/D/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 16GA-2. UNLESS OTHERWISE INDICATED, ALL DIMENSIONS SHALL BE PER AIAA 3.0 OR TPI-2002, SEC.3. A SEAL OR THIS DESIGN SHOWS THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

PLT TYP. Wave



TC LL	20.0 PSF	REF	R215--	86786
TC DL	10.0 PSF	DATE	12/14/07	
BC DL	10.0 PSF	DRW	HCUSR215	07348085
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-	1TDA215	Z01

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

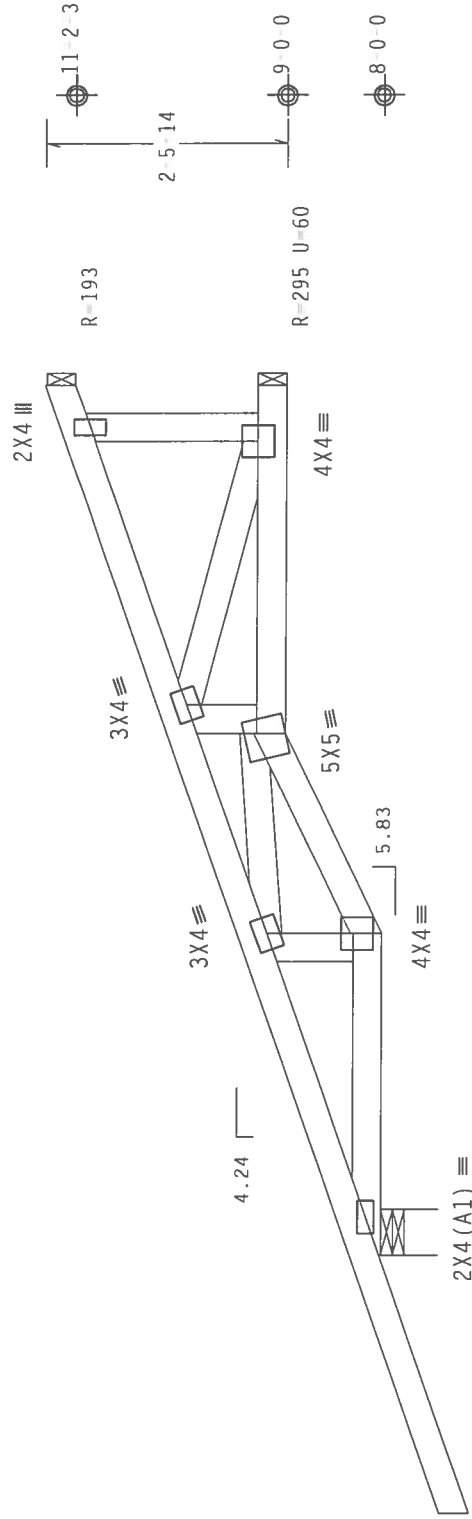
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $lw=1.00$ GCpi(γ)=0.18

Hipjack supports 6-4-0 setback jacks with no webs.

Wind reactions based on MWFRS pressures.

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

The overall height of this truss excluding overhang is 3-5-14.



2 7 13

3'-3-10 2'-0-11 3'-7-3

8-11-8 Over 3 Supports

R=462 U=62 W=5.657"

Design Crit: TPI-2002(STD)/FBC

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

0810

QTY:1 FL/-16/-1-R/-

Scale = 5"/ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO PCS1 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IPT (CRUSS 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 100' CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A. PANEL ATTACHED RIGID CEILING.

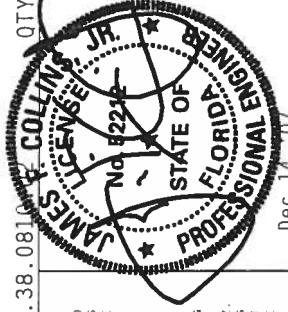
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY IPT (CRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WICA (WOOD TRUSS COMPANY OF AMERICA, 6300 WILSON AVENUE, WILSON, NJ 07094) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, ALL TRUSSES SHOWN SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A MINIMUM OF 16" RIGID CEILING.

****IMPORTANT**** TURN IN A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE TRUSS SHALL NOT BE REBRACED FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH IPT'S OR FABRICATOR'S HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

****WARNING**** ROUSSELS REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION. PUBLISHED BY IPTI (CROSS PLATE INSTITUTE, 6308 WEST 19TH AVE., DENVER, CO 80202) AND WELFA (WOOD PRESERVATION SOCIETY OF AMERICA, 2000 N. UNIVERSITY BLVD., MADISON, WI 53706). ALL TRUSSES MUST BE PROPERLY IDENTIFIED AND Labeled WITH AN ETHERLESS STAIN INDICATED 60% GORBD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CILLING.

****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 COMPLIANCE WITH IPTI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE REQUIREMENTS OF NDS (NATIONAL DESIGN SPEC. BY ATP&P) AND TPI. 1TH BCG GALV. CONNECTION PLATES ARE MADE OF 2010/16GA (.041IN/.55PSI) ASTM A653 GRADE 40/60 (M. K/P-SS) GALV.. STEEL. APPLY PLATING TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS. DIMENSIONS SHOWN INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLICIT FOR THE COMPLETION OF THE DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI SEC. 2.



Haines City, FL 33844
FL Certificate of Authorization # 0 278

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Haines City, FL 33844
FL Certificate of Authorization # 0 278

	Top chord	2x4	SP	#2	N
	Bot chord	2x4	SP	SS	
	Webbs	2x4	SP	#2 <th>N</th>	N

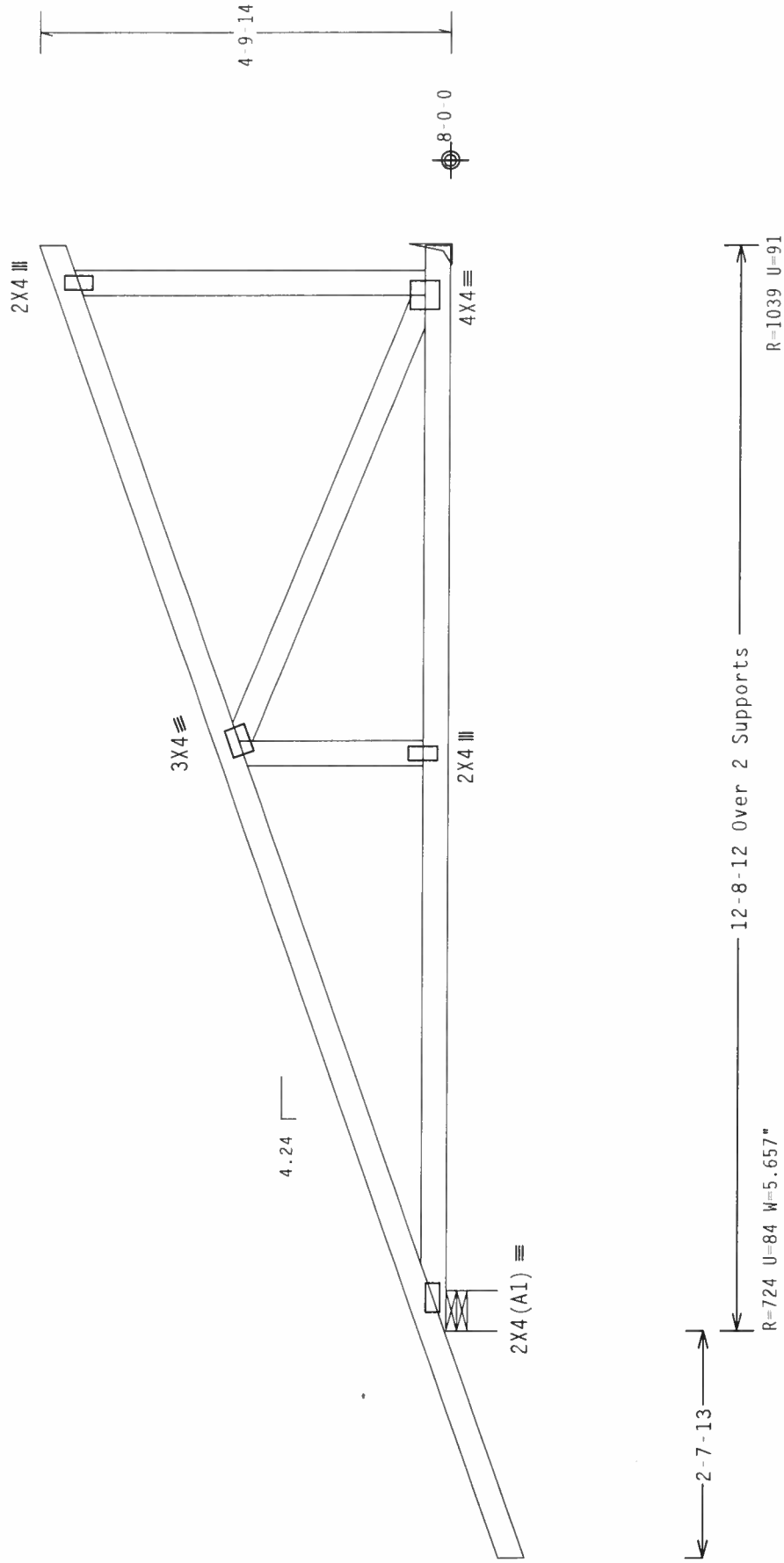
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP 8, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Hipjack supports 9-0-0 setback jacks. Jacks up to 7' have no webs. Longer jacks supported to BC.

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 4-9-14.



Design Crit: TPI-2002(STD)/FBC

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

QTY:1 FL/-/6/-/-/R/-/

$$\text{Scale} = 5''/\text{Ft.}$$

Scale = .5"/Ft.
REF R215-- 86789

DATE 12/14/07

DRW HCUSR215 07348088

HC - ENG CR/DI J

SECURITY INDEX 270330

0272017 -AD3C

FROM CDM

JREF- 1TDA215_Z01

Dec 14 14:07

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IP1 (IRISS 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 PROPERLY ATTACHED RIGID CEILING.

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

ANY INFORMATION OF THE FOLLOWING TYPE:

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE AMERICAN DESIGN SPEC., BY AISC/AISI, ITW BILCO, INC.

CONNECTOR PLATES ARE MADE OF 20/19/16GA (W/H/MS/K) ASTM A653 GRADE 40/60 (H, K/L/S) GALV STEEL, APPLY

PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 16DA-Z-1

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF IP11 2002 SEC.3, A SEAL ON THE DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT BEING SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANS1/101 SEC. 2.

1000

PLT TYP. Wave

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

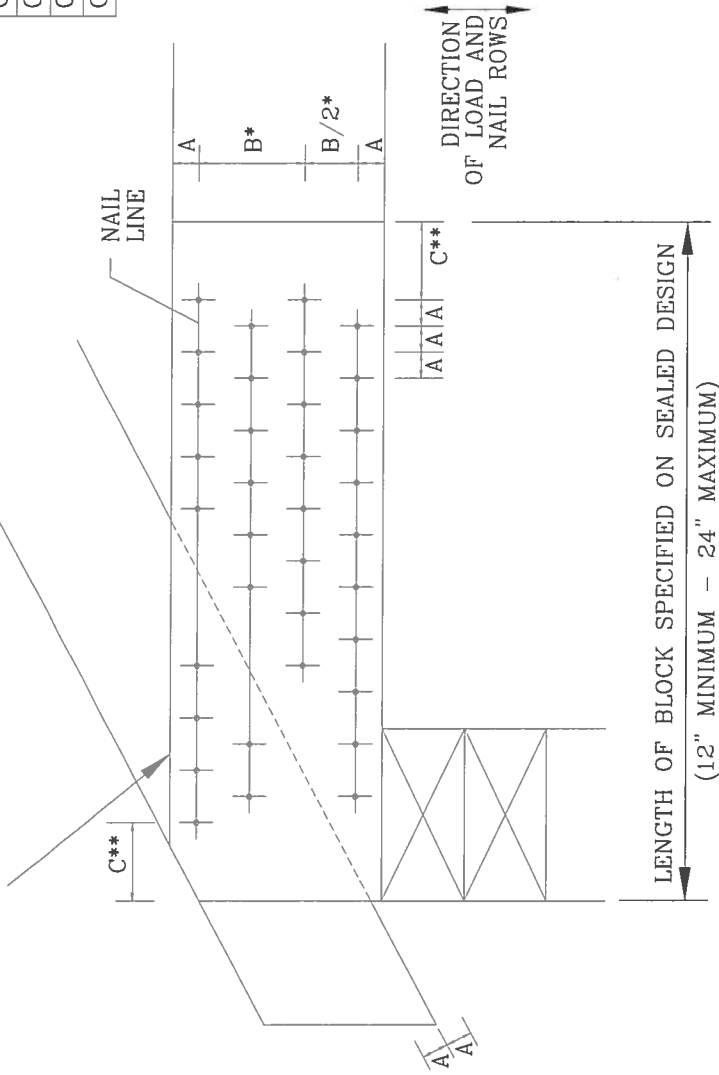
BEARING BLOCK NAIL SPACING DETAIL

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

- A - EDGE DISTANCE AND SPACING BETWEEN STAGGERED ROWS OF NAILS (6 NAIL DIAMETERS)
- B - SPACING OF NAILS IN A ROW (12 NAIL DIAMETERS)
- C - END DISTANCE (15 NAIL DIAMETERS)

IF NAIL HOLES ARE PREBORED, SOME SPACING MAY BE REDUCED BY THE AMOUNTS GIVEN BELOW:
• SPACING MAY BE REDUCED BY 50%
• SPACING MAY BE REDUCED BY 33%

BEARING BLOCK TO BE SAME SIZE AND SPECIES AS BOTTOM CHORD. BLOCKS MAY BE ANY GRADE WITHIN THE SPECIES, PROVIDED THE COMPRESSION PERPENDICULAR TO GRAIN VALUE (F_c -perp) IS AT LEAST THAT OF THE CHORD.



MAXIMUM NUMBER OF NAIL LINES PARALLEL TO GRAIN

NAIL TYPE	CHORD SIZE				
	2X4	2X6	2X8	2X10	2X12
8d BOX (0.113"X 2.5",MIN)	3	6	9	12	15
10d BOX (0.128"X 3",MIN)	3	5	7	10	12
12d BOX (0.128"X 3.25",MIN)	3	5	7	10	12
16d BOX (0.135"X 3.5",MIN)	3	5	7	10	12
20d BOX (0.148"X 4",MIN)	2	4	5	6	8
8d COMMON (0.131"X 2.5",MIN)	3	5	7	10	12
10d COMMON (0.148"X 3",MIN)	2	4	6	8	10
12d COMMON (0.148"X 3.25",MIN)	2	4	6	8	10
16d COMMON (0.162"X 3.5",MIN)	2	4	6	8	10
GUN (0.120"X 2.5",MIN)	3	6	8	11	14
GUN (0.131"X 2.5",MIN)	3	5	7	10	12
GUN (0.120"X 3",MIN)	3	6	8	11	14
GUN (0.131"X 3",MIN)	3	5	7	10	12

MINIMUM NAIL SPACING DISTANCES

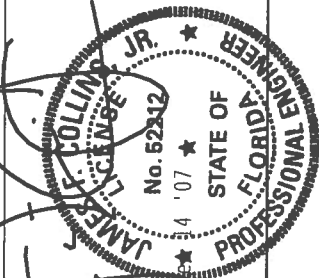
NAIL TYPE	DISTANCES		
	A	B*	C**
8d BOX (0.113"X 2.5",MIN)	3/4"	1 3/8"	1 3/4"
10d BOX (0.128"X 3",MIN)	7/8"	1 5/8"	2"
12d BOX (0.128"X 3.25",MIN)	7/8"	1 5/8"	2"
16d BOX (0.135"X 3.5",MIN)	7/8"	1 5/8"	2 1/8"
20d BOX (0.148"X 4",MIN)	1"	1 7/8"	2 1/4"
8d COMMON (0.131"X 2.5",MIN)	7/8"	1 5/8"	2"
10d COMMON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

THIS DRAWING REPLACES DRAWING B139 AND CNBRGBLK0699

REF	BEARING BLOCK
DATE	2/23/07
DRWG	CNBRGBLK0207
-	ENG SJP/KAR

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS PLATING INSTITUTE, 218 NORTH LEE STR., SUITE 312 ALEXANDRIA, VA 22314 AND VITCA (WOOD TRUSS CONNECTOR PLATE AMERICAN, 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. ITV, BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI ITV. BCG CONNECTOR PLATES ARE MADE OF 2024-T3 ALUMINUM 6061-T6 (ASTM A930) GRADE 40/60 (K/K/H33) DESIGN STRENGTH PER TPI 1-2002 SEC. 3.1.6. SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF DESIGN. SEALING PER TPI 1-2002 SEC. 3.1.6. SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF DESIGN. PER ANNEX A3 OF TPI 1-2002 SEC. 3.1.6. SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF DESIGN. PER USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. THE SUITABILITY AND ANSII/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.

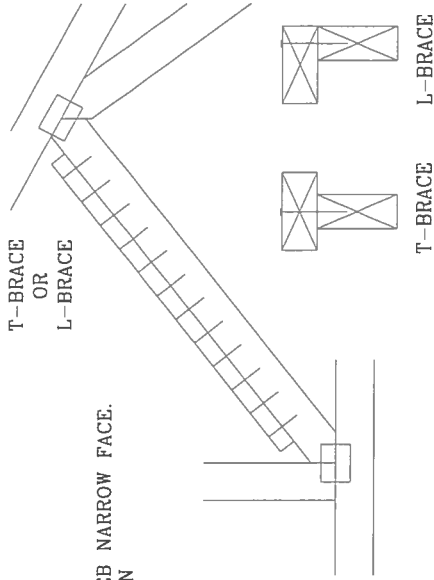
WEB MEMBER SIZE	SPECIFIED CLB BRACING	T OR L-BRACE	ALTERNATIVE BRACING	SCAB BRACE
2X3 OR 2X4	1 ROW	2X4	1-2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4	2-2X4
2X6	1 ROW	2X4	1-2X6	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)	2-2X4(*)
2X8	1 ROW	2X6	1-2X8	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)	2-2X6(*)

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

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

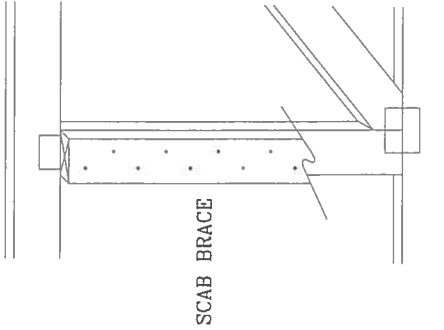
T-BRACING
OR
L-BRACING:

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

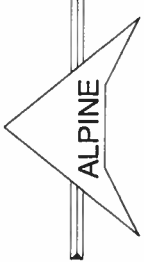


SCAB BRACING:

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



THIS DRAWING REPLACES DRAWING 579.640

 ALPINE BUILDING COMPONENTS GROUP, INC. POMPANO BEACH, FLORIDA	THIS DRAWING REPLACES DRAWING 579.640				REF	CLB SUBST.
	TC LL	PSF	DATE	2/23/07	DATE	2/23/07
	TC DL	PSF	DRWG	BRLCLBSUB0207	DRWG	BRLCLBSUB0207
	BC DL	PSF	ENG	MLH/KAR	ENG	MLH/KAR
	BC LL	PSF	TOT. LD.		TOT. LD.	
DUR. FAC.				DUR. FAC.		
SPACING				SPACING		

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSP (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA 22314) AND VITCA (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. ITV 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. ITV, BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/SS/A) ASTM A653 GRADE 40/60 (W/K/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DRAWING, ALL CONNECTIONS SHALL BE MADE ON THIS DRAWING. INDICES OCCURRED BY CD SHALL BE PER ANNEAL 3 OF TPI 1-2003-SEE. THE DESIGNER'S RESPONSIBILITY FOR THE TRUSS COMPONENT DESIGN SHOWN, THE SUITABILITY AND 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. BOZINSKY, JR.
LICENSE
No. 52212
STATE OF FLORIDA
PROFESSIONAL ENGINEER

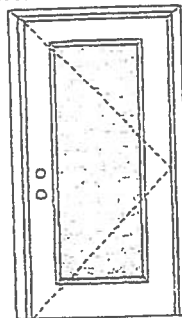
X

Glazed Inswing Unit

COP-WL-JH4141-02

WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



Note:
Units of other sizes are covered by this report as long as the panel used does not exceed 3'0" x 6'8".

Warnock Hersey



Test Data Review Certificate #3026447A and COP/Test Report Validation Matrix #3026447A-001 provides additional information - available from the ITS/WH website (www.itswh.com), the Masonite website (www.masonite.com) or the Masonite technical center.

Single Door
Maximum unit size = 3'0" x 5'8"

Design Pressure
+40.5/-40.5
Limited water unless special threshold design is used.

Large Missile Impact Resistance
Hurricane protective system (shutters) is REQUIRED.

Actual design pressure and impact resistant requirements for a specific building design and geographic location is determined by ASCE 7-national, state or local building codes specify the edition required.

MINIMUM ASSEMBLY DETAIL:

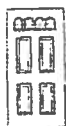
Compliance requires that minimum assembly details have been followed - see MAD-WL-MA0001-02 and MAD-WL-MA0041-02.

MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed - see MID-WL-MA0001-02.

APPROVED DOOR STYLES:

1/4 GLASS:



100 Series



133, 135 Series



136 Series



680 Series



822 Series

1/2 GLASS:



105 Series*



106, 160 Series*



129 Series*



200 Series*



12 R/L, 23 R/L, 24 R/L
Series*



107 Series*



108 Series



304 Series

*This glass kit may also be used in the following door styles: 5-panel; 5-panel with scroll; Eyebrow 5-panel; Eyebrow 5-panel with scroll.

XX

Opaque Inswing Unit

COP-WL-JH4102-02

WOOD-EDGE STEEL DOORS

CERTIFIED TEST REPORTS:

NCTL 210-1905-7, 8, 9, 10, 11, 12; NCTL 210-1861-4, 5, 6, 10, 11, 12;
NCTL 210-2185-1, 2, 3

Certifying Engineer and License Number: Barry D. Portney, P.E. / 16258.

Unit Tested in Accordance with Miami-Dade BCCO PA201, PA202 and PA203.

Evaluation report NCTL-210-2794-1

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel. Interior cavity of slab filled with rigid polyurethane foam core.

Frame constructed of wood with an extruded aluminum threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN ACCORDANCE WITH
MIAMI-DADE BCCO
PA201, PA202 & PA203

COMPANY NAME
CITY, STATE

To the best of my knowledge and ability the above side-hinged exterior door unit conforms to the requirements of the 2001 Florida Building Code, Chapter 17 (Structural Tests and Inspections).

Kurt L. Balthazor

State of Florida, Professional Engineer
Kurt Balthazor, P.E. - License Number 56533



Test Data Review Certificate #2025447A
and COP/Int'l Report Validation Matrix
#2026447A-001 provides additional
information - available from the ITSMH
website (www.itsmh.com), the
Masonite website (www.masonite.com)
or the Masonite technical center.

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EntrySystems

June 17, 2002
Our relationship program of a product representative makes installation, design and product
control subject to change without notice.



Endorsed by

Masonite
Masonite International Corporation

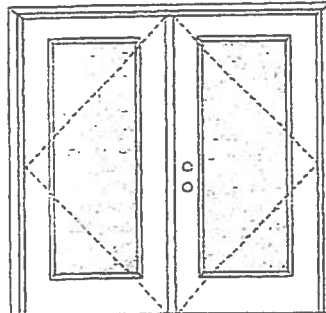
XX

Glazed Inswing Unit

COP-WL-JH4142-02

WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



Double Door
Maximum unit size = 6'0" x 5'8"

Design Pressure
+40.5/-40.5
Limited water unless special threshold design is used.

Large Missile Impact Resistance
Hurricane protective system (shutters) is REQUIRED.

Actual design pressure and impact resistant requirements for a specific building design and geographic location is determined by ASCE 7-national, state or local building codes specify the edition required.



Test Data Review Certificate #3026447A and COP/Test Report Validation Matrix #3026447A-001 provides additional information - available from the ITS/WH website (www.elisemko.com), the Masonite website (www.masonite.com) or the Masonite technical center.

Note:
Units of other sizes are covered by this report as long as the panels used do not exceed 3'0" x 6'8".

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed – see MAD-WL-MA0002-02 and MAD-WL-MA0041-02.

MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed – see MID-WL-MA0002-02.

APPROVED DOOR STYLES:

1/4 GLASS:



100 Series



133, 135 Series



136 Series



680 Series



822 Series

1/2 GLASS:



105 Series*



106, 160 Series*



129 Series*



200 Series*



12 R/L, 23 R/L, 24 R/L Series*



107 Series*



108 Series



304 Series

*This glass kit may also be used in the following door styles: 5-panel; 5-panel with scroll; Eyebrow 5-panel; Eyebrow 5-panel with scroll.

Johnson



Exclusively from

WOOD-EDGE STEEL DOORS

APPROVED DOOR STYLES:

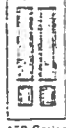
3/4 GLASS:



404 Series

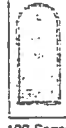


410 Series



450 Series

FULL GLASS:



109 Series



114, 120, 122
Series



152 Series



149 Series



300 Series

CERTIFIED TEST REPORTS:

NCTL 210-1897-7, 8, 9, 10, 11, 12; NCTL 210-1861-4, 5, 6, 10, 11, 12; NCTL 210-2185-1, 2, 3

Certifying Engineer and License Number: Barry D. Portney, P.E. / 16258.

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Evaluation report NCTL-210-2794-1

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel. Interior cavity of slab filled with rigid polyurethane foam core. Slab glazed with insulated glass mounted in a rigid plastic lip lite surround.

Frame constructed of wood with an extruded aluminum threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN
ACCORDANCE WITH
MIAMI-DADE BCCO PA202

COMPANY NAME
CITY, STATE

To the best of my knowledge and ability the above side-hinged exterior door unit conforms to the requirements of the 2001 Florida Building Code, Chapter 17 (Structural Tests and Inspections).

State of Florida, Professional Engineer
Kurt Balthazor, P.E. - License Number 56533

Wamock Hersey



Test Data Review Certificate #3026447A and COP/Test Report Validation Matrix #3026447A-001 provides additional information - available from the ITS/WH website (www.itswh.com), the Masonite website (www.masonite.com) or the Masonite technical center.

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June 17, 2002
Our continuing program of product improvement makes specifications, design and product detail subject to change without notice.

PREMIER *Cellulose*
Premium Quality Doors



Exclusively from

Masonite

Masonite International Corporation

OXO

Glazed Inswing Unit

COP-WL-JH4144-02

WOOD-EDGE STEEL DOORS

APPROVED DOOR STYLES:

3/4 GLASS:



404 Series

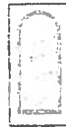


410 Series

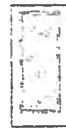


450 Series

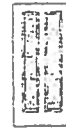
FULL GLASS:



109 Series



114, 120, 122
Series



152 Series



149 Series



300 Series

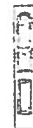
APPROVED SIDELITE STYLES:



680 Series



129 Series



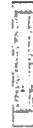
200 Series



12R, 12L, 23R,
23L, 24R, 24L
Series



450 Series



152 Series



149 Series



109 Series



120, 122 Series



300 Series

CERTIFIED TEST REPORTS:

NCTL 210-1897-7, 8, 9, 10, 11, 12; NCTL 210-1861-4, 5, 6, 10, 11, 12; NCTL 210-2185-1, 2, 3

Certifying Engineer and License Number: Barry D. Portney, P.E. / 16258.

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Evaluation report NCTL-210-2794-1

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel. Interior cavity of slab filled with rigid polyurethane foam core. Slab and sidelite panels glazed with insulated glass mounted in a rigid plastic lip lite surround.

Frame constructed of wood with an extruded aluminum threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN
ACCORDANCE WITH
MIAMI-DADE BCCO PA202

COMPANY NAME
CITY, STATE

To the best of my knowledge and ability the above side-hinged exterior door unit conforms to the requirements of the 2001 Florida Building Code, Chapter 17 (Structural Tests and Inspections).

State of Florida, Professional Engineer
Kurt Balthazor, P.E. - License Number 56533

Warnock Hervey



Test Data Review Certificate #3025447A and COP/Test Report Validation Matrix #3025447A-001 provides additional information - available from the ITS/WH website (www.itswh.com), the Masonite website (www.masonite.com) or the Masonite technical center.

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PREMIUM *Callender*
Premium Quality Doors

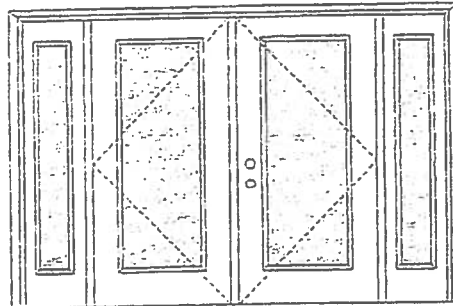


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Masonite International Corporation

WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



Test Data Review Certificate #3028447A and COP/Test Report Validation Matrix #3026447A-001 provides additional information - available from the ITS/WH website (www.elsemko.com), the Masonite website (www.masonite.com) or the Masonite technical center.

Note:

Units of other sizes are covered by this report as long as the panels used do not exceed 3'0" x 6'8".

Double Door with 2 Sidelites

Maximum unit size = 12'0" x 5'8"

Design Pressure

+40.5/-40.5

Limited water unless special threshold design is used.

Large Missile Impact Resistance

Hurricane protective system (shutters) is REQUIRED.

Actual design pressure and impact resistant requirements for a specific building design and geographic location is determined by ASCE 7-national, state or local building codes specify the edition required.

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed – see MAD-WL-MA0005-02 or MAD-WL-MA0008-02 and MAD-WL-MA0041-02.

MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed – see MID-WL-MA0005-02.

APPROVED DOOR STYLES:

1/4 GLASS:



100 Series



133, 135 Series



136 Series



680 Series



822 Series

1/2 GLASS:



105 Series*



106, 160 Series*



129 Series*



200 Series*



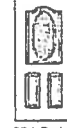
12 R/L, 23 R/L, 24 R/L Series*



107 Series*



108 Series



304 Series

* This glass kit may also be used in the following door styles: 5-panel; 5-panel with scroll; Eyebrow; 5-panel; Eyebrow 5-panel with scroll.

WOOD-EDGE STEEL DOORS

APPROVED DOOR STYLES:

3/4 GLASS:



404 Series



410 Series



450 Series

FULL GLASS:



109 Series



114, 120, 122
Series



152 Series



149 Series



300 Series

CERTIFIED TEST REPORTS:

NCTL 210-1897-7, 8, 9, 10, 11, 12; NCTL 210-1861-4, 5, 6, 10, 11, 12; NCTL 210-2185-1, 2, 3

Certifying Engineer and License Number: Barry D. Portney, P.E. / 16258.

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Evaluation report NCTL-210-2794-1

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel. Interior cavity of slab filled with rigid polyurethane foam core. Slab glazed with insulated glass mounted in a rigid plastic lip lite surround.

Frame constructed of wood with an extruded aluminum threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN
ACCORDANCE WITH
MIAMI-DADE BCCO PA202

COMPANY NAME
CITY, STATE

To the best of my knowledge and ability the above side-hinged exterior door unit conforms to the requirements of the 2001 Florida Building Code, Chapter 17 (Structural Tests and Inspections).

State of Florida, Professional Engineer
Kurt Balthazor, P.E. — License Number 56533



Test Data Review Certificate #3026447A and COP/Test Report Validation Matrix #3026447A-001 provides additional information - available from the ITS/WH website (www.itscmko.com), the Masonite website (www.masonite.com) or the Masonite technical center.

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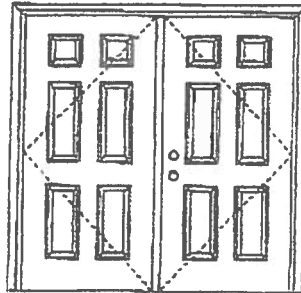
XX

Opaque Inswing Unit

COP-WL-JH4102-02

WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



Double Door
Maximum (unit) size = 6'0" x 6'8"

Design Pressure
+45.0/-45.0

Excluded water unless special threshold design is used.

Large Missile Impact Resistance

Hurricane protective system (shutters) is NOT REQUIRED.

Actual design pressure and impact resistance requirements for a specific building design and geographic location is determined by ASCE 7-national, state or local building codes specify the action required.



Tensar Data Review Certificate #3026447A
and COP/Test Report Validation Matrix
#3026447A-001 provides additional
information - available from the ITG/WH
website (www.itgwh.com), the
Masonite website (www.masonite.com)
or the Masonite website online.

Note:

Units of other sizes are covered by this
report as long as the panels used do not
exceed 3'0" x 6'8".

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed - see MAD-WL-MA0002-02.

MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed - see MID-WL-MA0002-02.

APPROVED DOOR STYLES:



Flush



Arch Top 3-panel



3-panel



6-panel



New England 4-panel



Eyebrow 4-panel



8-panel



9-panel



15-panel



5-panel



6-panel with scroll



Eyebrow 5-panel



Eyebrow 5-panel with scroll

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June 17, 2002
Our continuing program of product development meets applications, options and products
used subject to change without notice.

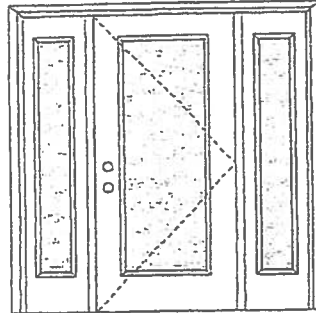
PREMOOR *Exclusively from*
Johnson Entry Systems



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WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



Single Door with 2 Sidelites
Maximum unit size = 9'0" x 6'8"

Design Pressure
+40.5/-40.5

Limited water unless special threshold design is used.

Large Missile Impact Resistance

Hurricane protective system (shutters) is REQUIRED.

Actual design pressure and impact resistant requirements for a specific building design and geographic location is determined by ASCE 7-national, state or local building codes specify the edition required.

Wilmock Hersey



Test Data Review Certificate #3026447A and COP/Test Report Validation Matrix #3026447A-001 provides additional information - available from the ITS/WH website (www.itswh.com), the Masonite website (www.masonite.com) or the Masonite technical center.

Note:

Units of other sizes are covered by this report as long as the panels used do not exceed 3'0" x 6'8".

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed – see MAD-WL-MA0004-02 or MAD-WL-MA0007-02 and MAD-WL-MA0041-02.

MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed – see MID-WL-MA0004-02.

APPROVED DOOR STYLES:

1/4 GLASS:



100 Series



133, 135 Series



136 Series



680 Series



822 Series

1/2 GLASS:



105 Series*



106, 160 Series*



129 Series*



200 Series*



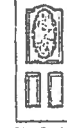
12 R/L, 23 R/L, 24 R/L Series*



107 Series*



108 Series



304 Series

* This glass kit may also be used in the following door styles: 5-panel; 5-panel with scroll; Eyebrow 5-panel; Eyebrow 5-panel with scroll.

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June 17, 2002
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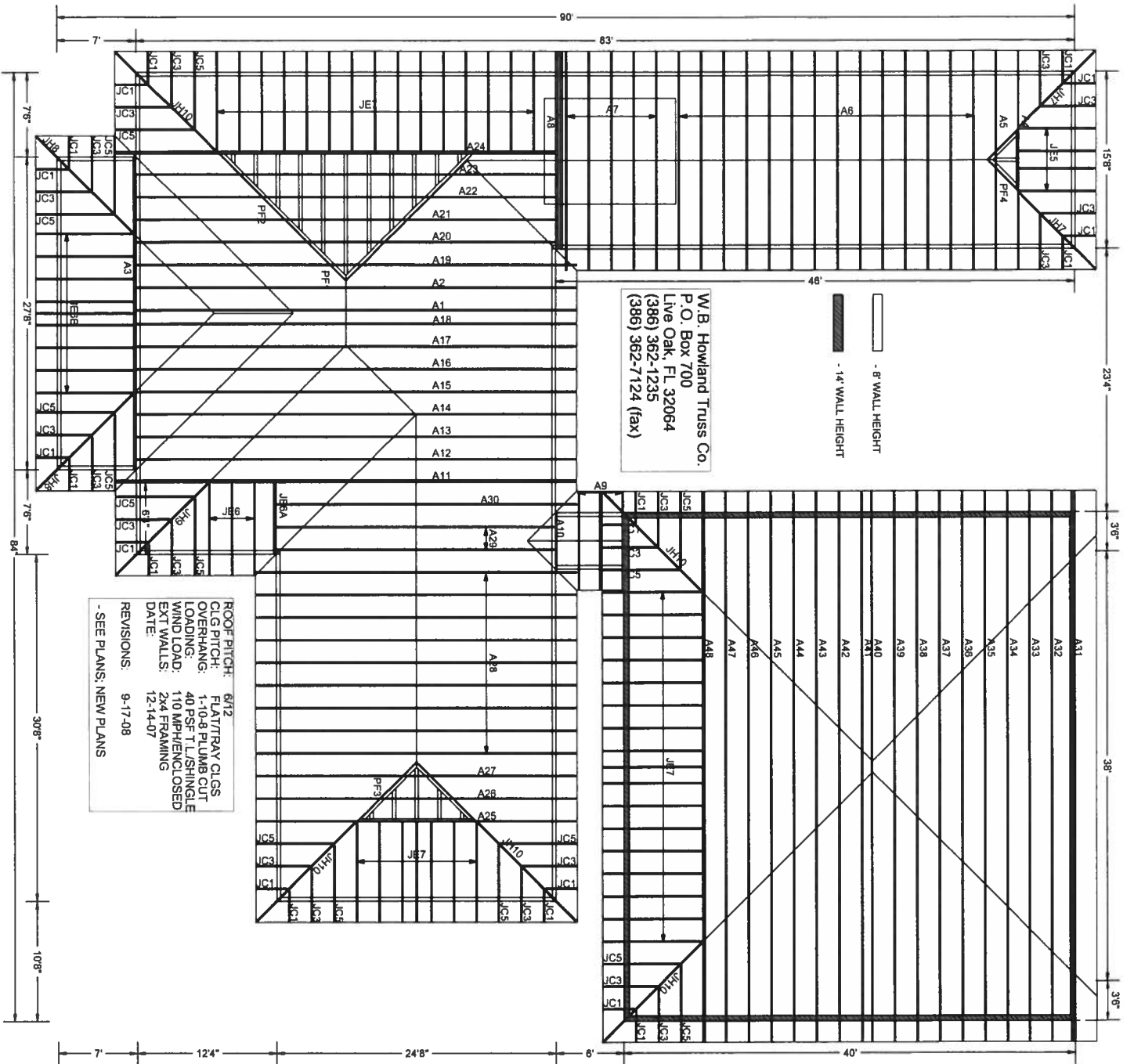
PREMIER Collection
Premium Quality Doors



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Masonite®

Masonite International Corporation



Job Name: LAGOM
Customer: EDGELY CONSTRUCTION
Designer: Chris McCall

Bldg Permit # 26570

JOB NO:

5119

PAGE NO:

1 OF 1