

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:ITEQ215-Z0104095433

Truss Fabricator: W.B. Howland
Job Identification: 5119-/LAGONI /EDGELY CONSTRUCTION -- LAKE CITY, FL
Truss Count: 94
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:

Seal Date: 02/04/2008

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

-Truss Design Engineer-

James F. Collins Jr.

Florida License Number: 52212

1950 Marley Drive

Haines City, FL 33844

Details: CNBRGBLK-BRCLBSUB-

#	Ref	Description	Drawing#	Date
1	99205--A1		08035001	02/04/08
2	99206--PBA1		08035018	02/04/08
3	99207--PBA2		08035019	02/04/08
4	99208--PBA3		08035020	02/04/08
5	99209--A2		08035012	02/04/08
6	99210--A3		08035021	02/04/08
7	99211--A4		08035044	02/04/08
8	99212--A5		08035051	02/04/08
9	99213--A6		08035003	02/04/08
10	99214--A7		08035002	02/04/08
11	99215--A8		08035034	02/04/08
12	99216--A9		08035032	02/04/08
13	99217--A10		08035021	02/04/08
14	99218--A11		08035036	02/04/08
15	99219--A12		08035004	02/04/08
16	99220--A13		08035005	02/04/08
17	99221--A14		08035008	02/04/08
18	99222--A15		08035014	02/04/08
19	99223--A16		08035015	02/04/08
20	99224--A17		08035016	02/04/08
21	99225--A18		08035007	02/04/08
22	99226--A19		08035017	02/04/08
23	99227--A20		08035019	02/04/08
24	99228--A21		08035018	02/04/08
25	99229--A22		08035006	02/04/08
26	99230--A23		08035001	02/04/08
27	99231--A24		08035002	02/04/08
28	99232--A27		08035003	02/04/08
29	99233--A28		08035028	02/04/08
30	99234--A29		08035027	02/04/08
31	99235--A30		08035026	02/04/08
32	99236--A31		08035025	02/04/08
33	99237--A32		08035024	02/04/08
34	99238--A33		08035022	02/04/08
35	99239--A34		08035023	02/04/08
36	99240--A35		08035053	02/04/08
37	99241--A36		08035024	02/04/08
38	99242--A37		08035025	02/04/08

#	Ref	Description	Drawing#	Date
39	99243--A38		08035036	02/04/08
40	99244--A39		08035026	02/04/08
41	99245--A40		08035027	02/04/08
42	99246--A41		08035004	02/04/08
43	99247--A42		08035005	02/04/08
44	99248--A43		08035006	02/04/08
45	99249--A44		08035007	02/04/08
46	99250--A45		08035008	02/04/08
47	99251--A46		08035009	02/04/08
48	99252--A47		08035010	02/04/08
49	99253--A48		08035011	02/04/08
50	99254--A49		08035012	02/04/08
51	99255--A50		08035013	02/04/08
52	99256--A51		08035014	02/04/08
53	99257--A52		08035015	02/04/08
54	99258--A53		08035016	02/04/08
55	99259--A54		08035017	02/04/08
56	99260--A55		08035028	02/04/08
57	99261--A56		08035029	02/04/08
58	99262--A57		08035030	02/04/08
59	99263--A58		08035031	02/04/08
60	99264--A59		08035032	02/04/08
61	99265--A60		08035058	02/04/08
62	99266--A61		08035038	02/04/08
63	99267--A62		08035039	02/04/08
64	99268--A63		08035040	02/04/08
65	99269--A64		08035041	02/04/08
66	99270--A65		08035042	02/04/08
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68	99272--A67		08035050	02/04/08
69	99273--A68		08035056	02/04/08
70	99274--A69		08035045	02/04/08
71	99275--A70		08035048	02/04/08
72	99276--A71		08035037	02/04/08
73	99277--A72		08035046	02/04/08
74	99278--A73		08035047	02/04/08
75	99279--A74		08035035	02/04/08
76	99280--JC1		08035011	02/04/08

#	Ref	Description	Drawing#	Date
77	99281--JC3		08035010	02/04/08
78	99282--JC3A		08035052	02/04/08
79	99283--JC5		08035030	02/04/08
80	99284--JC5A		08035057	02/04/08
81	99285--JC7		08035033	02/04/08
82	99286--JE3		08035022	02/04/08
83	99287--JE5		08035013	02/04/08
84	99288--JE6		08035049	02/04/08
85	99289--JE6A		08035055	02/04/08
86	99290--JE6B		08035033	02/04/08
87	99291--JE7		08035034	02/04/08
88	99292--JE7A		08035031	02/04/08
89	99293--JE9		08035035	02/04/08
90	99294--JH4		08035020	02/04/08
91	99295--JH7		08035009	02/04/08
92	99296--JH9		08035054	02/04/08
93	99297--JH10		08035029	02/04/08
94	99298--JH13		08035023	02/04/08



2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun nails)

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

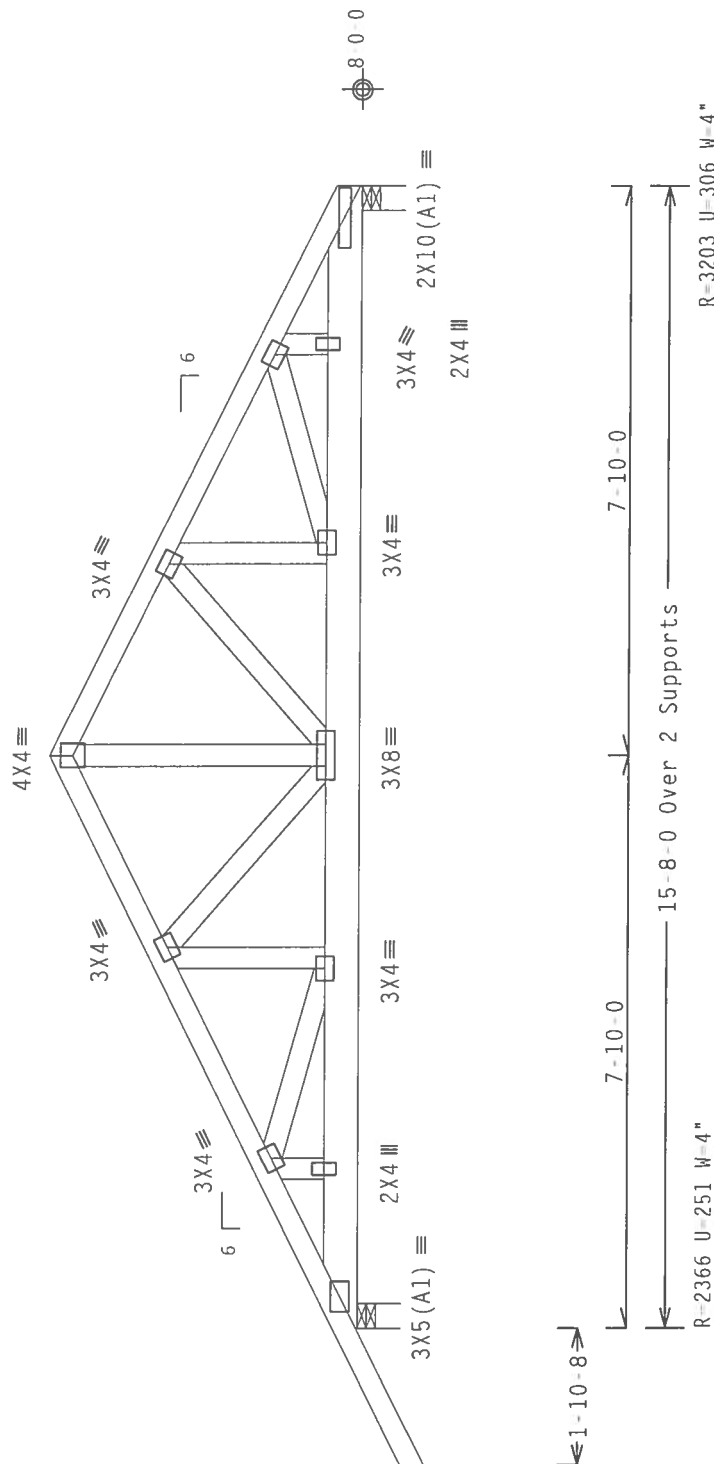
Bot Chord: 1 Row @ 5.75" o.c.

Webs : 1 Row @ 4" O.C.

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

1110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT 11, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $lw=1.00$ GCpi(+/-)=0.18

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/-/5/-/1/R/-
Scale = .375"/Ft.

****WARNING**** TRUSSES REQUIRE EXTENSIVE CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSP (BUILDING COMPONENT SAFETY INFORMATION) FOR MORE INFORMATION. TRUSSES ARE AVAILABLE FROM LITTLE LITE STREET, SUITE 312, ALEXANDRIA, VA 22314, AND YUCA HARBOR TRUSSES, COMMERCE, CALIFORNIA. FOR FURTHER INFORMATION, CALL 800-368-7263. IF YOU HAVE ANY QUESTIONS, PLEASE CALL 800-368-7263. OTHERWISE, INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

ALPINE

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The overall height of this truss excluding overhang is 14'-7".

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


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

Scale = 5"/Ft.

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

10.03

38.08

7.9

 $\theta(0)$

.25) /

00(1)

 $RT=1.$

Cg/10

2

Wave

тип.

PLT

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO FIRST FABRICATION COMPONENT SAFETY INFORMATION, AND PUBLIC INFORMATION, TRUSS PLATE INSTITUTE, 2100 NORTH 1ST STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND MICA (WOOD TRUSS COMPANY) OF AFRICA, UNLESS OTHERWISE INDICATED. TRUSSES MUST BE PREPARED AND PLACED PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHOULD HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CHORDS.

ALPINE

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

110 mph wind, 18.81 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=2.0 psf. $I_w=1.00$ $G_{CPI}(+/)=0.18$

Wind reactions based on MWERS pressures.

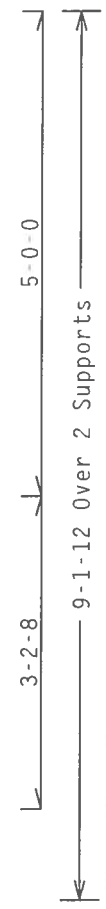
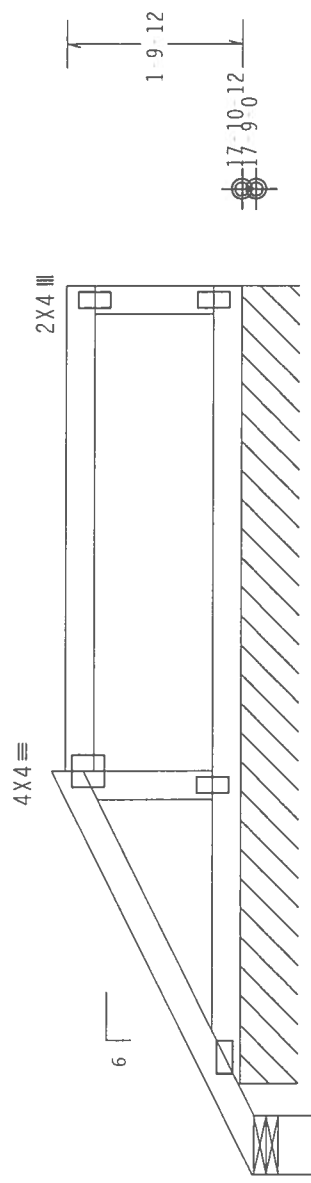
The overall height of this truss excluding overhang is 21-3.

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC From 62 PLF at -0.94 to 62 PLF at 3.21
TC From 62 PLF at 3.21 to 62 PLF at 8.21
BC From 4 PLF at -0.94 to 4 PLF at 8.21

In lieu of structural panels or rigid ceiling use purlins to brace all flat TC @ 24" OC, all BC @ 24" OC.

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



R-10 $R_w=30$ $U=12$ $W=7.267"$
R-71 PLF $U=24$ PLF $W=8$ 2 8

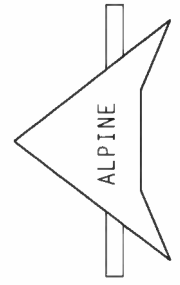
Design Crit: TPI-2002(STD)/FBC

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

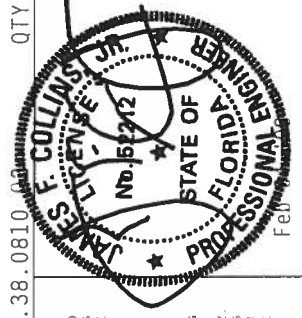
QTY:1 FL/-/5/-/R/- Scale=.5"/Ft.

****WARNING**** TRUSSES REQUIRING EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST AVAILABLE COMPONENT SAFETY INFORMATION. PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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



Haines City, FL 33844
FL Certificate of Authorization # 0278



TC LL	20.0 PSF	REF	R215 --	99208
TC DL	10.0 PSF	DATE	02/04/08	
BC DL	10.0 PSF	DRW	HCUSR215	08035020
BC LL	0.0 PSF	HC-ENG	WHK/WHK	
TOT.LD.	40.0 PSF	SEQN-	216647	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1TEQ215_Z01	

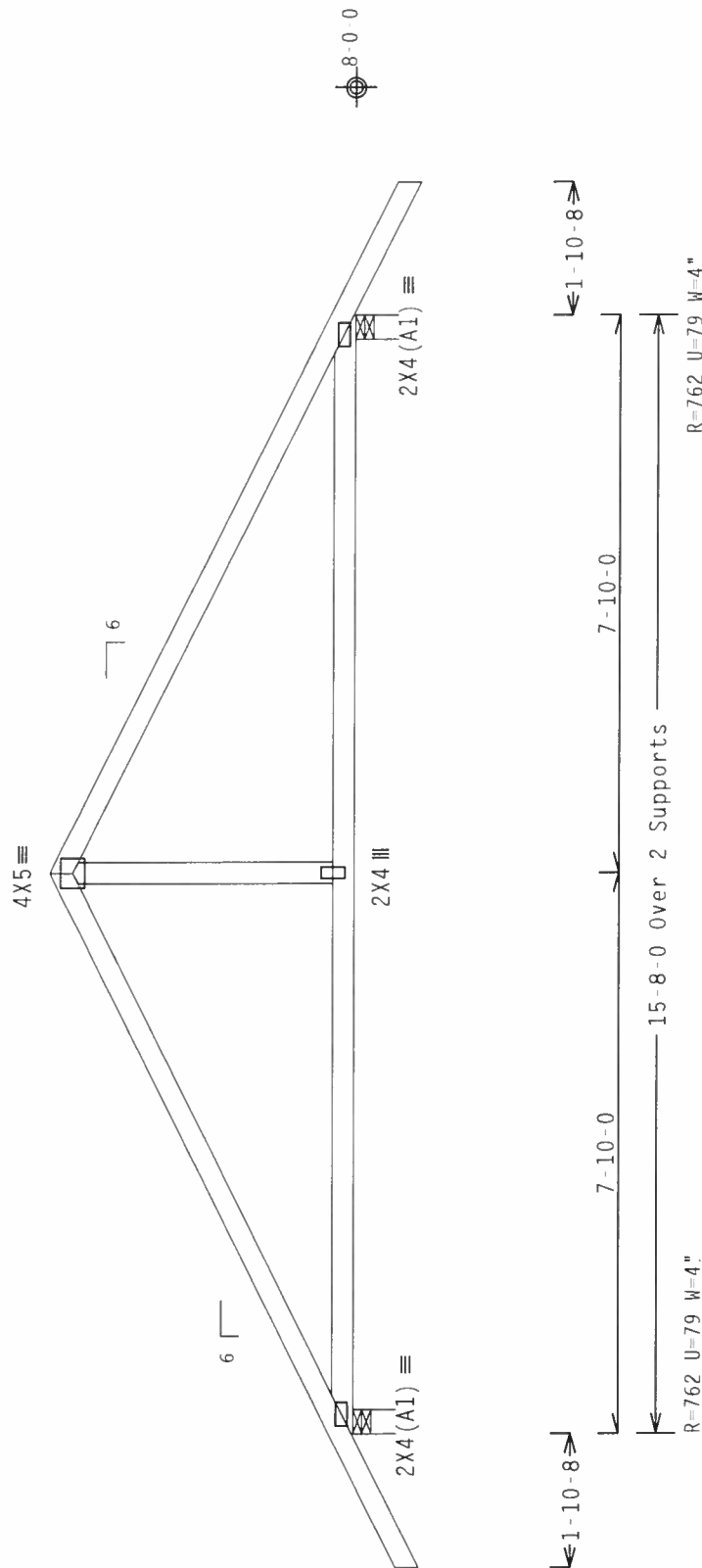
Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

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. lw=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.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

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

7.38.0810.

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

Scale = 375"/Ft.

[illegible]

FF B215-- 99209

DATE 02/01/20 00766 CT3N 17

DATE 02/04/00

HCUSR215 08035012

IC-ENG CR/DLJ

SEQN- 209777

ROM CDM

REF- 1TF0215 701

Haines City, FL 33844
FL Certificate of Authorization #0278

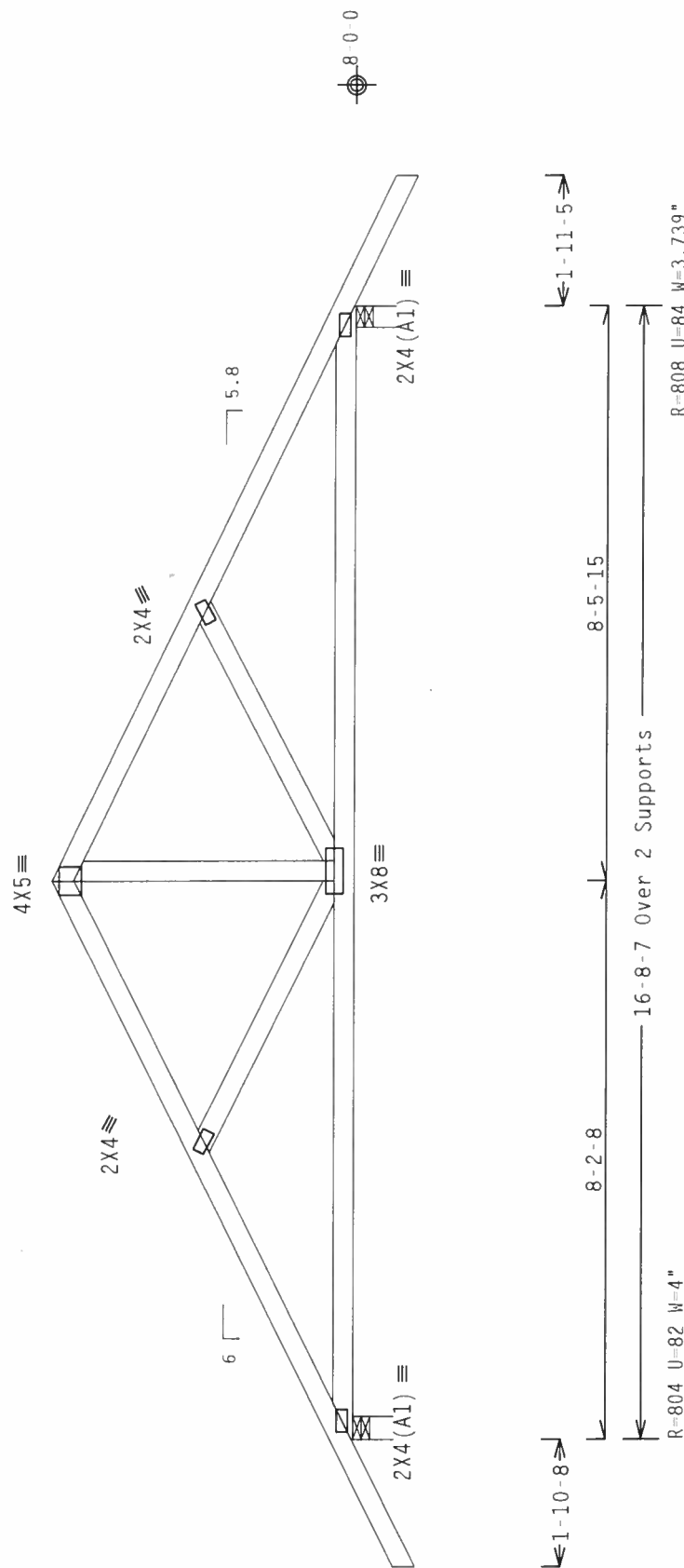
Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

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

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 4-5-6.



Design Crit: TPI-2002(STD)/FBC

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

QTY:1 EL151-1-1R/-

Scale = .375"/Ft.

Scale = .375"/Ft.

DATE 02/04/08

ORW HCUSR215 08035051

HC-ENG CR/DLJ *

SEON- 209787

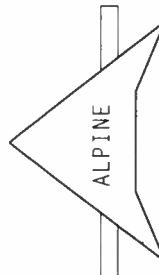
FROM CDM

REF 1TEQ215 Z01

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

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH REG, 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 CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, FABRICATING, HANDLING, SHIPPING, INSTALLING & RIGGING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF BDS (NATIONAL DESIGN SPEC. BY AFSPA) AND ISI. CONNECTION PLATES ARE MADE OF 20/18/16/60 (W/5/5/5) ASTM A563 GRADE 40/60 (N. K/11-55) GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON (FACE), POSITION PER DRAWINGS 160A. 2. IF ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF 1911-2002 SEC.3. 3. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT BEING SHOWN. THE SUBMITTAL AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEX/1 1 SEC. 2.



Haines City, FL 33844

FL Certificate of Authorization #0 278

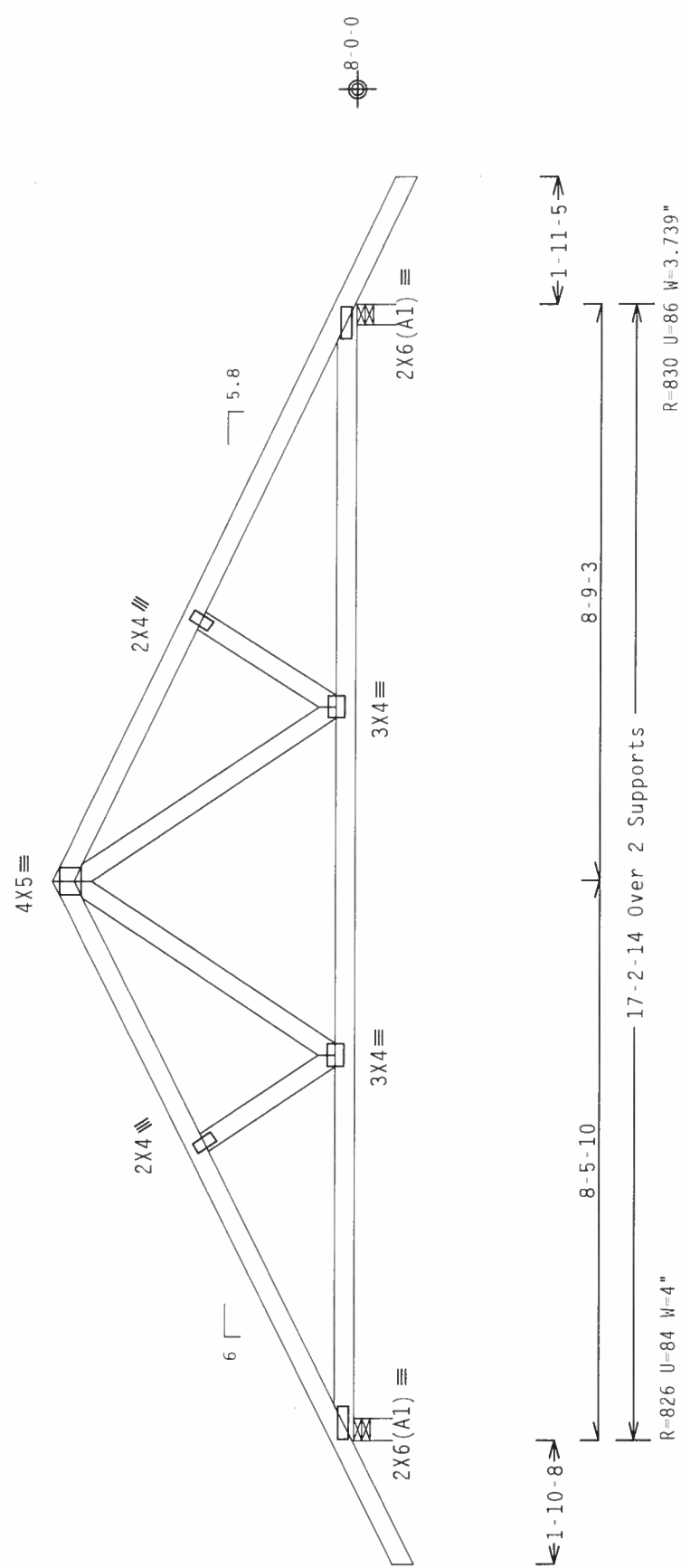
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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

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'-7-0".



PLT TYP. Wave

Haines City, FL 33844
FL Certificate of Authorization # 0278

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

Scale = .375"/ft.

REF	R215--	99213
DATE	02/04/08	
DRW	HCUSR215	08035003
HC-ENG	CR/DLJ	*
SEQN-	209796	
FROM	CDM	
JREF-	1TEQ215_Z01	

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

TC LL	20.0 PSF
TC DL	10.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	40.0 PSF
DUR.FAC.	1.25
SPACING	24.0"

8-5-10 8-9-3 1-10-8 1-11-5

R-826 U=84 W=4" R-830 U=86 W=3.739"

Feb 04 '08

JAMES V. COLLINS JR.
FLORIDA
PROFESSIONAL ENGINEER
No. 62212
STATE OF FLORIDA

****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, 2108 STEEL STREET, ALEXANDRIA, VA, 22304) AND WEA (WOOD ENGINEERING ASSOCIATION, 1000 WOODHURST DRIVE, FORT WORTH, TEXAS 76104) FOR ADDITIONAL INFORMATION. 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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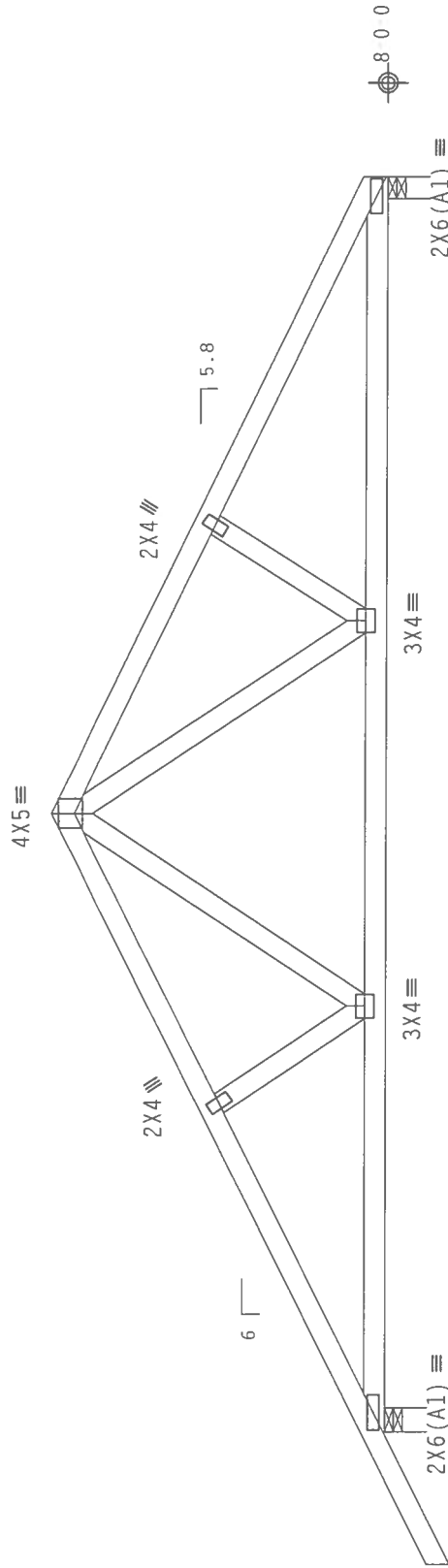
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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.

Wind reactions based on MWFS pressures.

The overall height of this truss excluding overhang is 4' 8" 9."



L=1-10-8

8-8-13

9-0-8

17-9-4 Over 2 Supports

R=856 U=88 W=4"

R=724 U=62 W=3.739"

Design Crit: TPI-2002(STD)/FBC

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

7.38.0810

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

Scale = .375"/Ft.

REF R215-- 99214

DATE 02/04/08

DRW HCUSR215 08035002

HC-ENG CR/DLJ

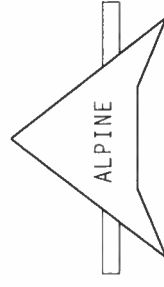
SEQN- 209793

FROM CDM

JREF- 1TE0215_Z01

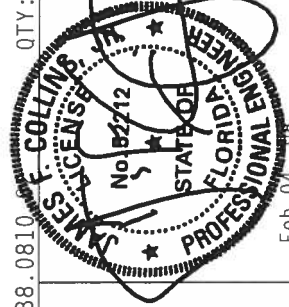
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 HUNTER STREET, ALBUQUERQUE, NM 87102) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE B.C. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF 905 (NATIONAL DESIGN SPEC. BY AISC) AND TPI. 1TH BEG CONNECTOR PLATES ARE MADE OF 20/18/16GA (M-H/55/P) ASTM A653 GRADE 40/60 (M, K/H-55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING 16GA 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUFFICIENCY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 7.



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

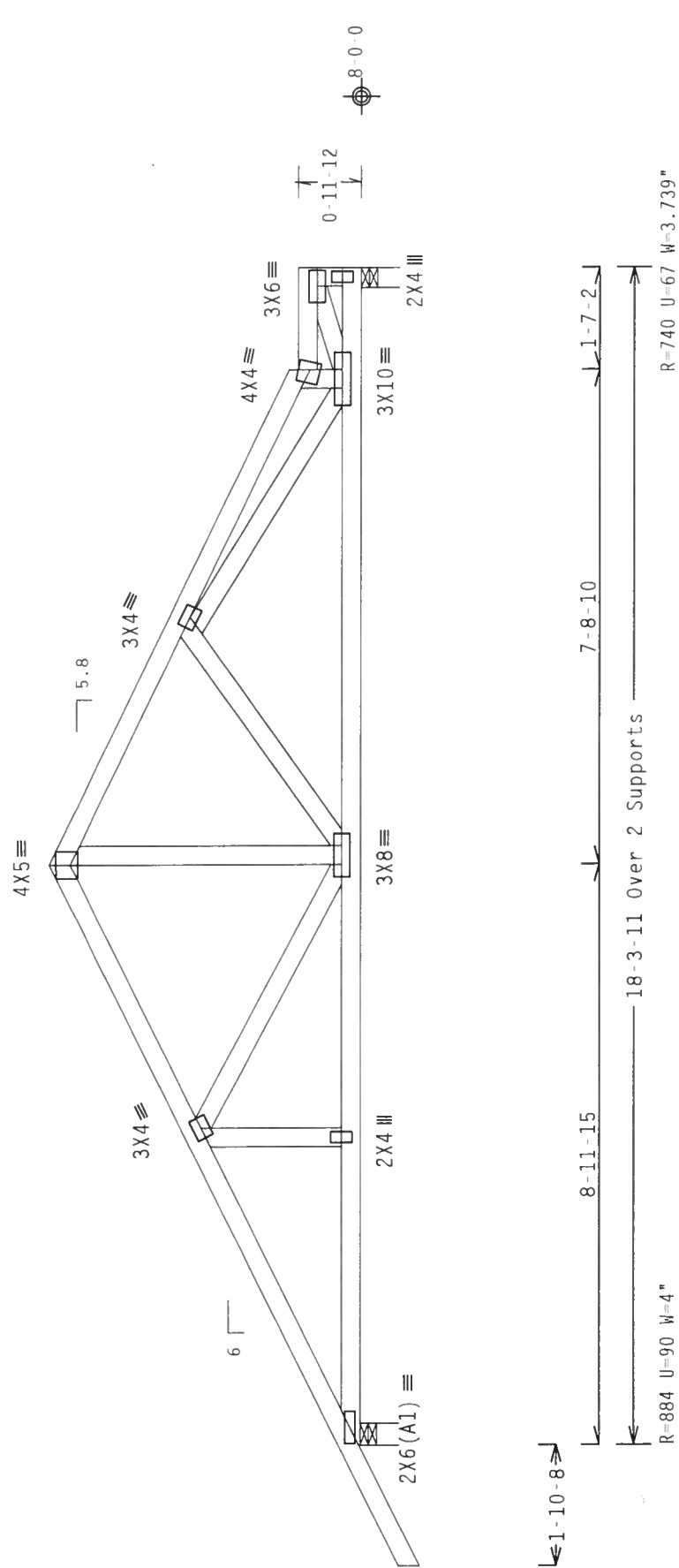
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 Gcpl(+/-)0.18

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

Wind reactions based on MWFRS pressures.

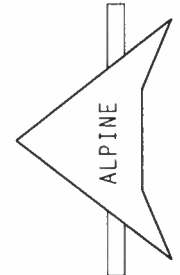
The overall height of this truss excluding overhang is 4-10 2.

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



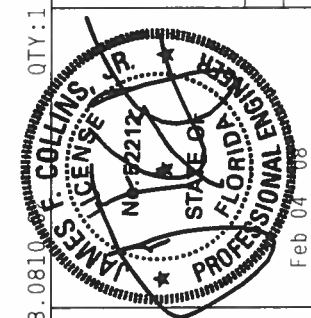
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0)

PLT TYP. Wave	QTY:1	FL/-/5/-/-/R/-	Scale = .375"/Ft.
	TC LL	20.0 PSF	REF R215 -- 99215
	TC DL	10.0 PSF	DATE 02/04/08
	BC DL	10.0 PSF	DRW HCUSR215 08035034
	BC LL	0.0 PSF	HC-ENG CR/DLJ
	TOT.LD.	40.0 PSF	SEQN- 209799
	DUR.FAC.	1.25	FROM CDM
	SPACING	24.0"	JREF 1TEQ215 Z01



****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, 2100 NORTH LEE STREET, SUITE 112, ALEXANDRIA, VA, 22314) AND WCA (WOOD CONSTRUCTION ASSOCIATION, 1000 WILSON AVENUE, SUITE 100, WILSON, NC, 27157) FOR ADDITIONAL INFORMATION. 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 2018/166A (A-H/55/P) ASTM A653 GRADE 40/60 (A, K/H, 55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



Top chord 2x4 SP #2 N
Bot chord 2x6 SP SS
Webs 2x4 SP #2 N
:Lt Wedge 2x4 SP #2 N:

SPECIAL LOADS

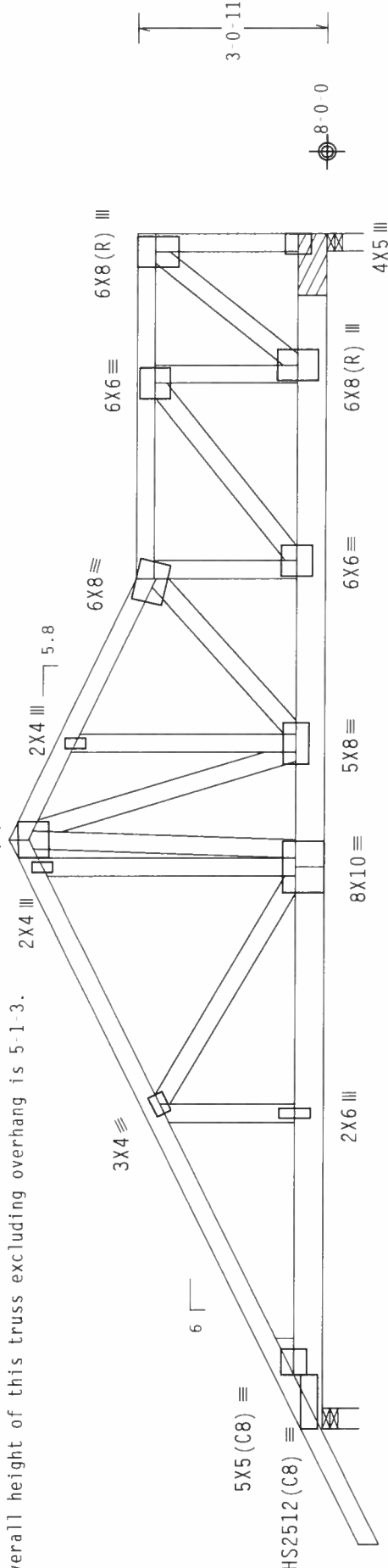
- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
- TC - From 62 PLF at -1.88 to 62 PLF at 9.51
- TC - From 62 PLF at 9.51 to 62 PLF at 13.74
- TC - From 62 PLF at 13.74 to 62 PLF at 19.35
- BC - From 20 PLF at 0.00 to 20 PLF at 19.35
- BC - 1310 LB Conc. Load at 19.07
- PLB- 2732 LB Conc. Load at (7.12,8.04)
- PLB- 1294 LB Conc. Load at (9.06,8.04), (11.06,8.04), (13.06,8.04)
- PLB- 1298 LB Conc. Load at (15.06,8.04)
- PLB- 1309 LB Conc. Load at (17.06,8.04)

Wind reactions based on MMFRS pressures.

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

The overall height of this truss excluding overhang is 5-1-3.

7X6 (R) III



R-4805 U=516 W=4"

R=7436 U=799 W=3.337"

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun_nails)
Top Chord: 1 Row @12.00" O.C.
Bot Chord: 2 Rows @ 5.50" O.C. (Each Row)
Webs : 1 Row @ 4" O.C.
Use equal spacing between rows and stagger nails in each row to avoid splitting.
Bearing blocks: Nail type: 0.131"x3" Gun nails
BRG X-LOC #BLOCKS LENGTH/BLK #NAILS/BLK WALL PLATE
2 19.069' 1 12" 15 Rigid Surface
Bearing block to be same size and species as bottom chord.
Refer to drawing CNRGRBLK0207 for additional information.

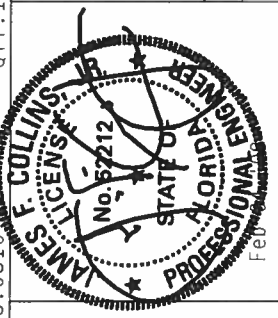
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. IW=1.00 GCpi(+/-)=0.18

Right end vertical not exposed to wind pressure.

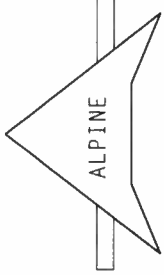
PLT TYP. 20 Gauge HS, Wave
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.38.0810 QTY:1 FL/-5/-/-/R/- Scale = .375"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. BESS BUILDING COMPONENTS SAFETY INFORMATION, PUBLISHED BY TPI - CROSS PLATE INSTITUTE, 210 HORN LEE STREET, MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BGC, 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. CONNECTOR PLATES ARE MADE OF 70/18/16GA (W-H/55/K) ASTM A653 GRADE 40/60 (W, F/H,SS) 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 (3) 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 COMPONENTS FABRICATOR AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AWS/TPI 1 SEC. 2.



TC LL	20.0 PSF	REF	R215--	99217
TC DL	10.0 PSF	DATE	02/04/08	
BC DL	10.0 PSF	DRW	HCUSR215	08035021
BC LL	0.0 PSF	HC-ENG	WHK/WHK	
TOT.LD.	40.0 PSF	SEQN	210247	
DUR.FAC.	1.25	FROM	CDM	
SPACING	SEE ABOVE	JREF	1TE0215_Z01	



Haines City, FL 33844
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	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 8, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi(+/-)=0.18

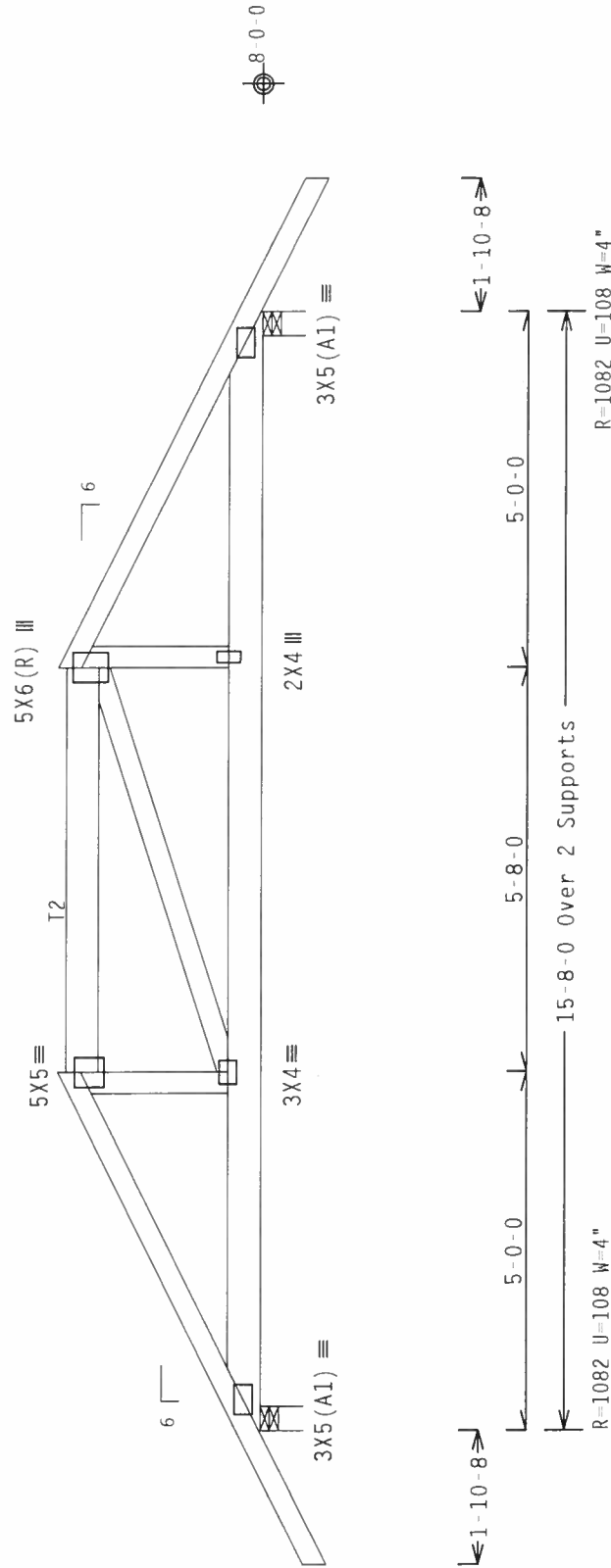
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Wind reactions based on MWFRS pressures.

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

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

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



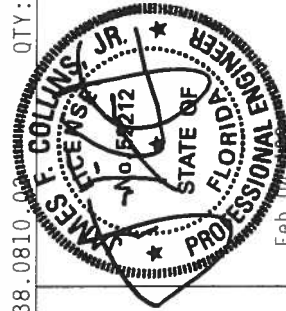
Design Crit: TPI-2002(STD)/FBC

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

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

810-937-6666

****WARNING**** HUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING TUBES TO BEST PROTECT COMPONENT SAFETY INFORMATION. PUBLISHED BY: (1) CROSS PLATE TUBING, 218 ENTERPRISE LANE, HOUSTON, TX 77079 FOR SELLER PACKAGES PRIOR TO PERFORMING THESE FUNCTIONS. (2) THESE HUSSES INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CECILING.

[illegible]

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

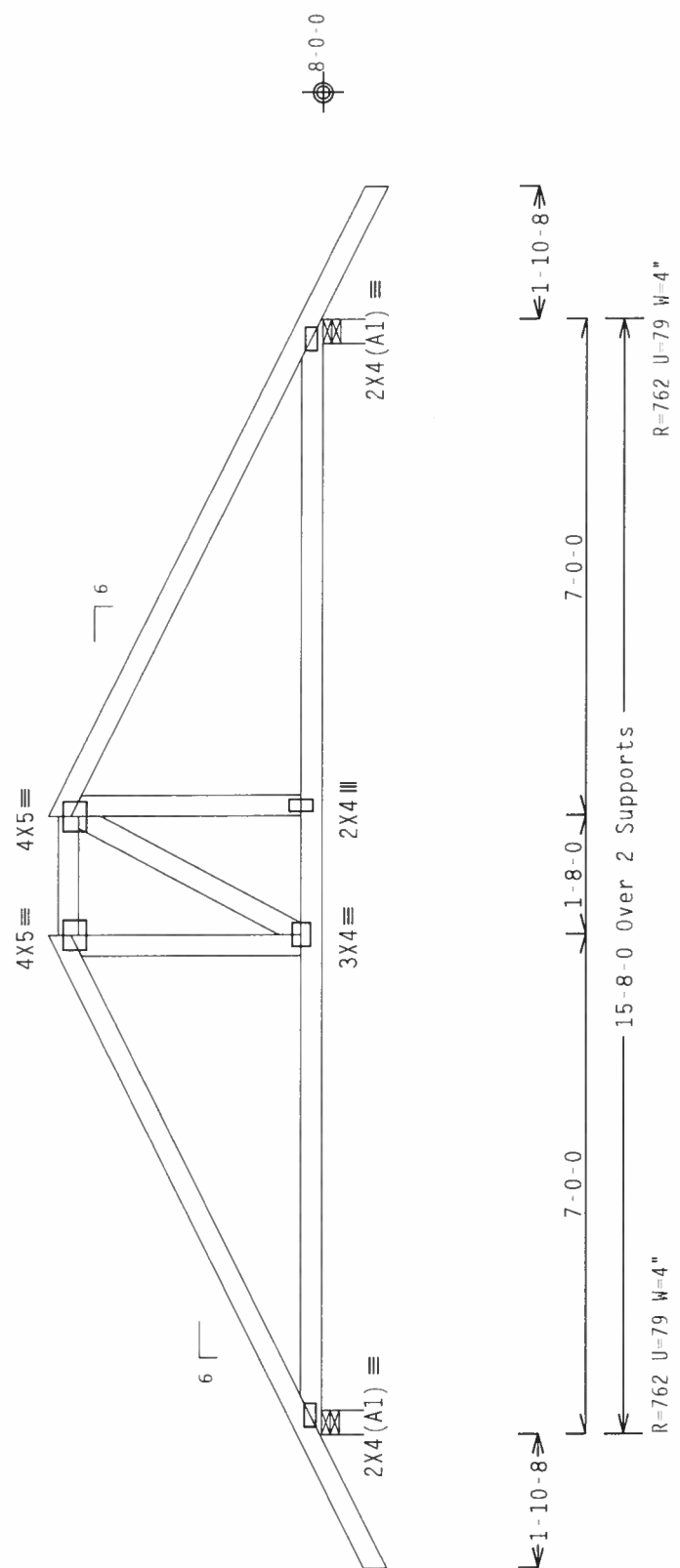
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 Gcpi(+/-)=0.18

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

wind reactions based on MWFRS pressures.

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

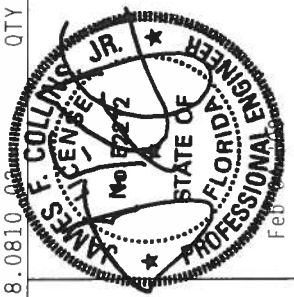
The overall height of this truss excluding overhang is 3-10-3.



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

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

TC LL	20.0	PSF	REF	R215--	99219
TC DL	10.0	PSF	DATE	02/04/08	
BC DL	10.0	PSF	DRW	HCUSR215	08035004
BC LL	0.0	PSF	HC-ENG	CR/DLJ	*
TOT.LD.	40.0	PSF	SEQN-	209820	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF	1TEQ215	Z01

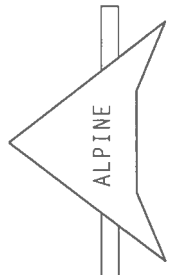


*WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, UNLOADING, UNLOADING, INSTALLING AND BRACING. REFER TO ACES (BUILDING COMPANIES SAFETY INFORMATION), PUBLISHED BY TPI (CRUISS PLATE INSTILLUT, 218 NORTH LEE STREET, SUITE 317, ALEXANDRIA, VA, 22314) AND WTA (WOOD TRUSS COUNCIL OF AMERICA, 6500 ENTERPRISE LANE, RADCLIFF, VT 55139) 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 WITH BCG. THE SHALL NOT BE RESPONSIBLE FOR THE CONSTRUCTION OF THE TRUSS IN COMPLIANCE WITH THE FOLLOWING REQUIREMENTS:

(1) FABRICATING, IMBOLLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

(2) DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC., BY AISC) AND TPI (CONCRETE PLATES ARE MADE OF 20/18/16GA. (H/55/S) ASIN A653 GRADE / 60/60 (F. Y/55) GALV STEEL APPLY PLATES TO EACH FACE OF TRUS S AND, OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 160A. ANY MODIFICATION OF PLATES FOLLOWED BY (1) SHALL BE PER APPROX AS OF 1971 2002 SEC 3. A SEAL ON THE DRAWING IDENTICALS GIVE EVIDENCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SURETY FOR LOSS COMPENSATION SHALL BE PROVIDED BY THE OWNER. THE PRICE OF THIS COMPONENT FOR BUILDING IS THE RESPONSIBILITY OF THE USER. (SEE SIGNER PLS AHS) IPT 1 SEC 7.



Haines City, FL 33844
FL Certificate of Authorization # 0278

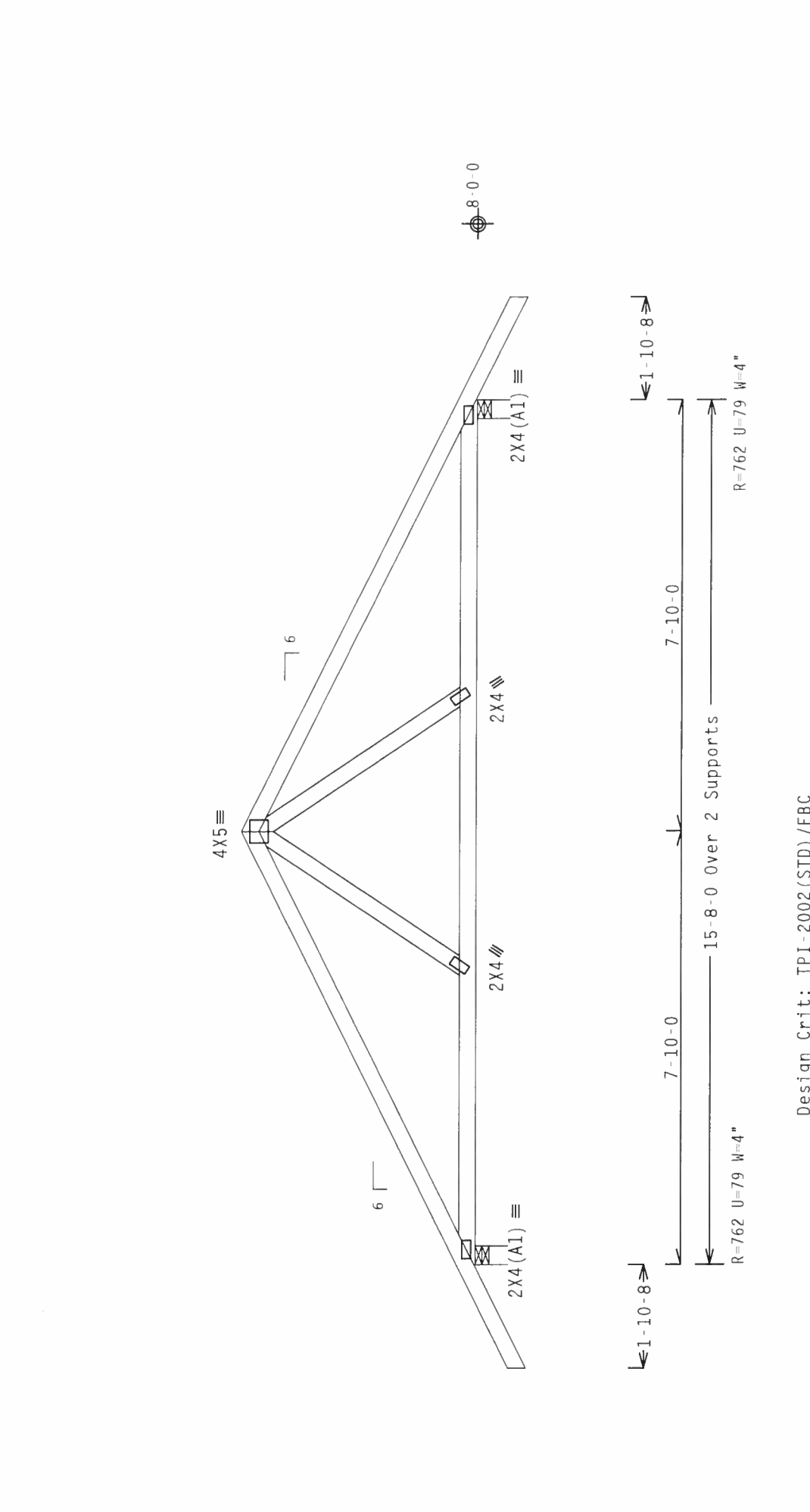
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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 GCpl(+/-)=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.



PLT TYP. Wave

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

Scale = .375"/Ft.

REF	R215--	99220
DATE	02/04/08	
DRW	HCUSR215	08035005
HC-ENG	CR/DLJ	*
SEQN	209838	
FROM	CDM	
JREF	1TE0215_Z01	

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

TC LL 20.0 PSF
TC DL 10.0 PSF
BC DL 10.0 PSF
BC LL 0.0 PSF
TOT.LD. 40.0 PSF
DUR.FAC. 1.25
SPACING 24.0"

James Collins, Jr.
Professional Engineer
State of Florida
No. 52172
Feb 04 '08

ALPINE

Haines City, FL 33844
FL Certificate of Authorization # 0278

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSD (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 STEEL STREET, ALBUQUERQUE, NM 87102), AND AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC., 500 N. MICHIGAN, CHICAGO, IL 60610) FOR ADDITIONAL INFORMATION. OTHERWISE, THE MANUFACTURER'S INSTRUCTIONS SHALL BE FOLLOWED. THE MANUFACTURER'S INSTRUCTIONS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AITPA) AND TPI. THE BCG CONTRACTOR PLATES ARE MADE OF 20/18/16GA (W-H/SS/K) ASIN A653 GRADE 40/60 (W, E/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 16GA 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGN SHALL BE THE RESPONSIBILITY OF THE DESIGNER. 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

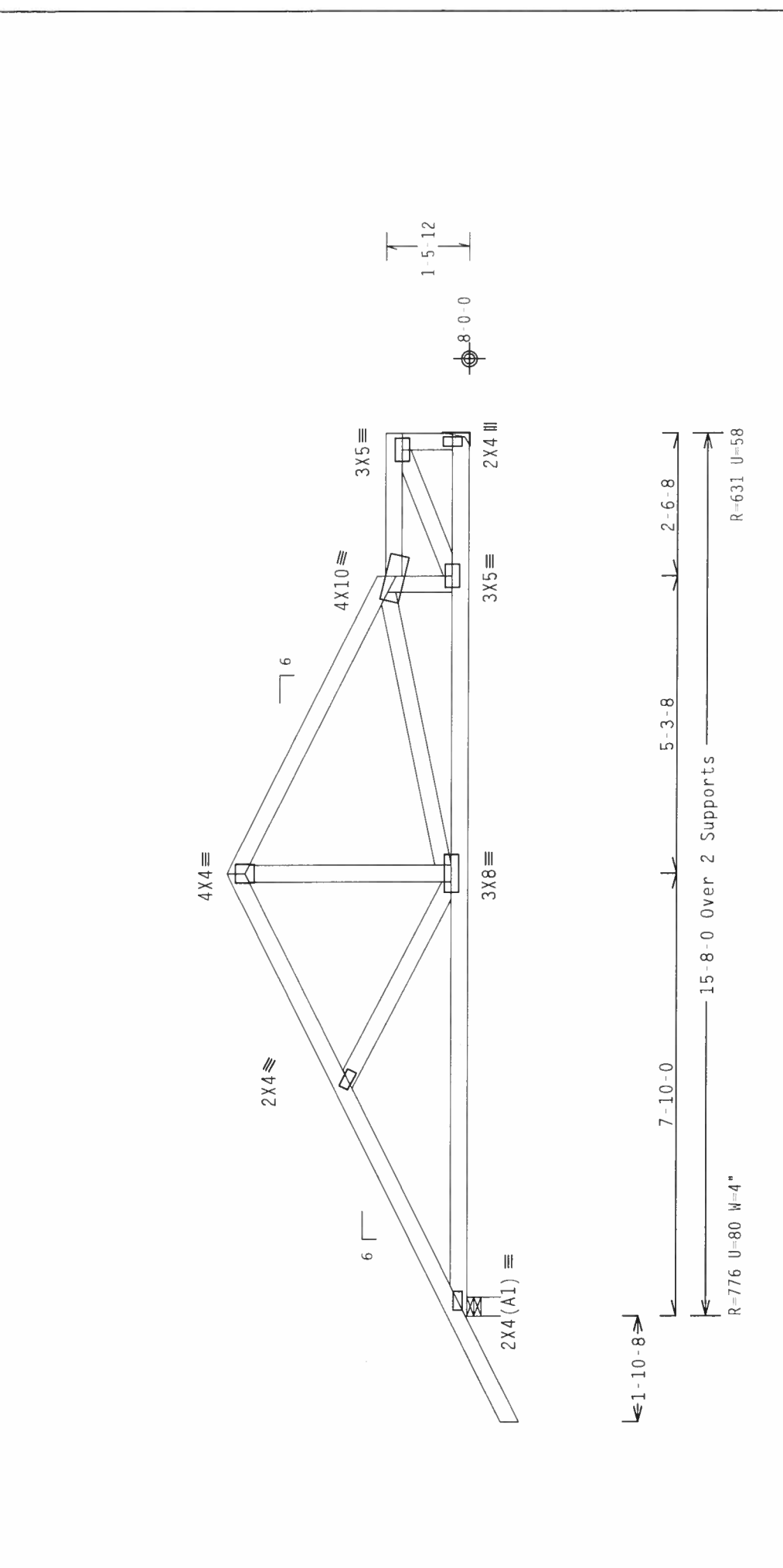
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $lw=1.00 GCPi(+/-)=0.18$

Wind reactions based on MWFRS pressures.

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

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

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



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.38.0810 QTY:1 FL/-/5/-/R/- Scale = .375"/Ft.

REF	R215--	99222
DATE	02/04/08	
DRW	HCUSR215	08035014
HC-ENG	CR/DLJ	
SEQN	209842	
FROM	CDM	
JREF	1TE0215	Z01

WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSS (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 2100 W. 11TH AVE., SUITE 310, ALPHARETTA, GA 30004) OR THE TRUSS COUNCIL OF AMERICA (6000 W. 11TH AVE., SUITE 310, ALPHARETTA, GA 30004) FOR SAFETY PRACTICES. TRUSSES MUST BE PROPERLY ATTACHED TO STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/PA) AND TPI. THE BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (N-H/SS/K) ASTM A653 GRADE 40/60 (N. P/H-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGNER. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

JAMES F. COLLINS, P.E.
No. 5212
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Feb 04/08

ALPINE

Haines City, FL 33844
FL Certificate of Authorization # 0278

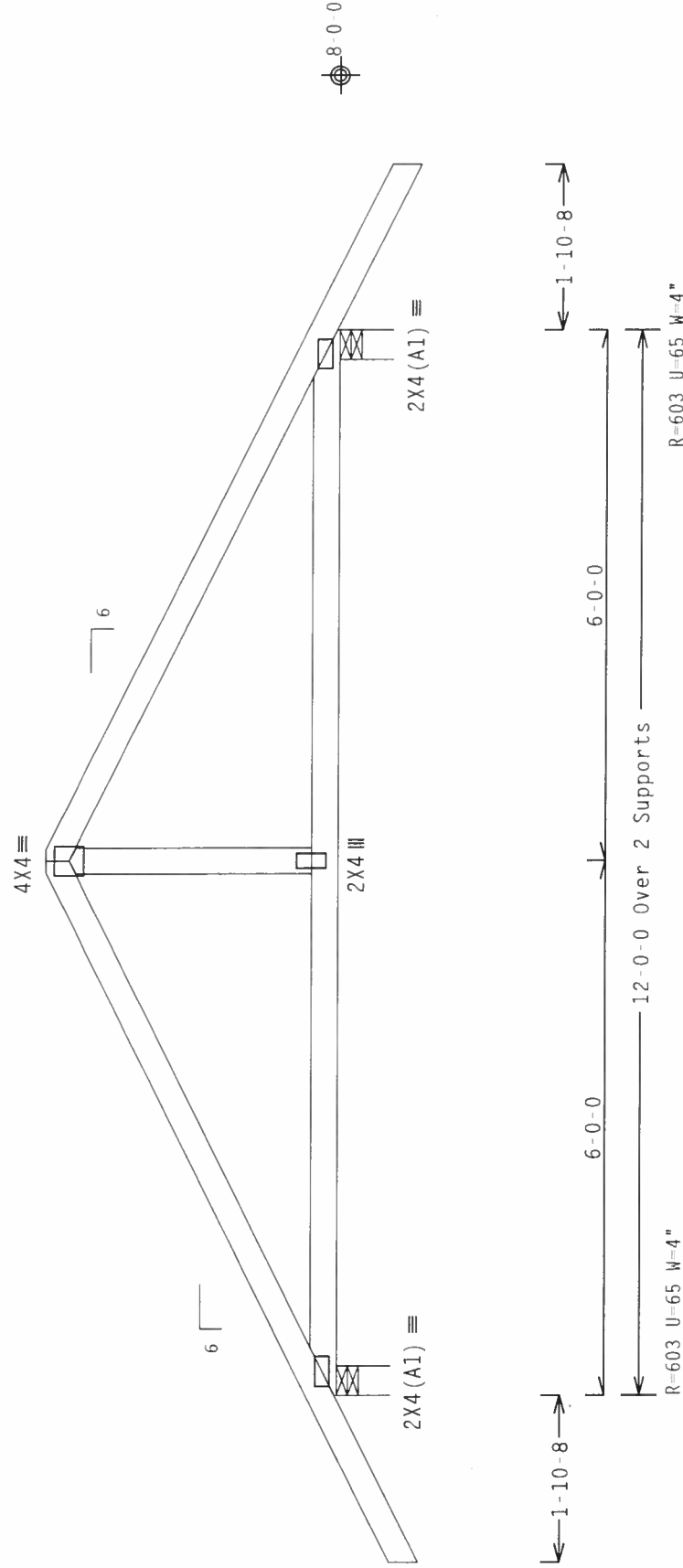
Top chord	2x4	SP	#2 N
Bot chord	2x4	SP	#2 N
webs	2x4	SP	#2 N

110 mph wind, 15.00 ft mean hgt., ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT 11, 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.

Wind reactions based on MWFRS pressures.

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



Design Crit: TPI-2002(STD)/FBC

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

7.38.0810.

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

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

Scale = .5"/Ft.

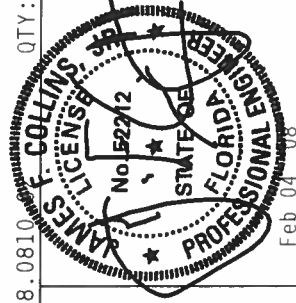
DATE 02/04/08

DRW HCUSR215 08035019

HC - ENG CR/DLJ	*
SEQN- 209811	

FROM CDM

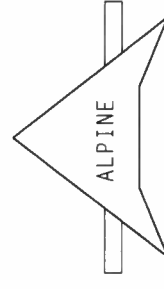
JREF- 1TE0215 Z01



Feb 04 08

*****WARNING***** BUSES REQUIRING EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST AVAILABLE FABRICATION COMPONENT SAFETY INFORMATION, AND PUBLISHED BY (CRUISE PLATE INSTITUTE, 2108 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WPCA (GOOD TRUSS COUNCIL OF AMERICA, 6300 OBERLIN DRIVE, CLEVELAND, OH 44130) FOR GUIDANCE PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, ALL TRUSS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BE CHORD SHALL HAVE PROPERLY ATTACHED BUILT-UP CHORDS.

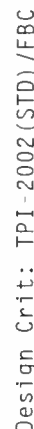
****IMPORTANT****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH THE OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

[illegible]

Haines City, FL 33844

FL. Certificate of Authorization # 0 278

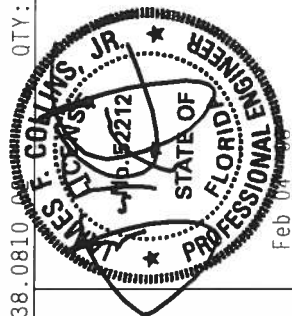
The overall height of this truss excluding overhang is 2-10-3.



OTY.1 51/-/5/-/-/B/-

Scale = .5"/Ft.

TC LL	20.0	PSF	REF	R215 --	99228
TC DL	10.0	PSF	DATE	02/04/08	
BC DL	10.0	PSF	DRW	HICUSR215	08035018
BC LL	0.0	PSF	HC-ENG	CR/DLJ	*
TOT.LD.	40.0	PSF	SEQN-	209808	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1TEQ215	Z01

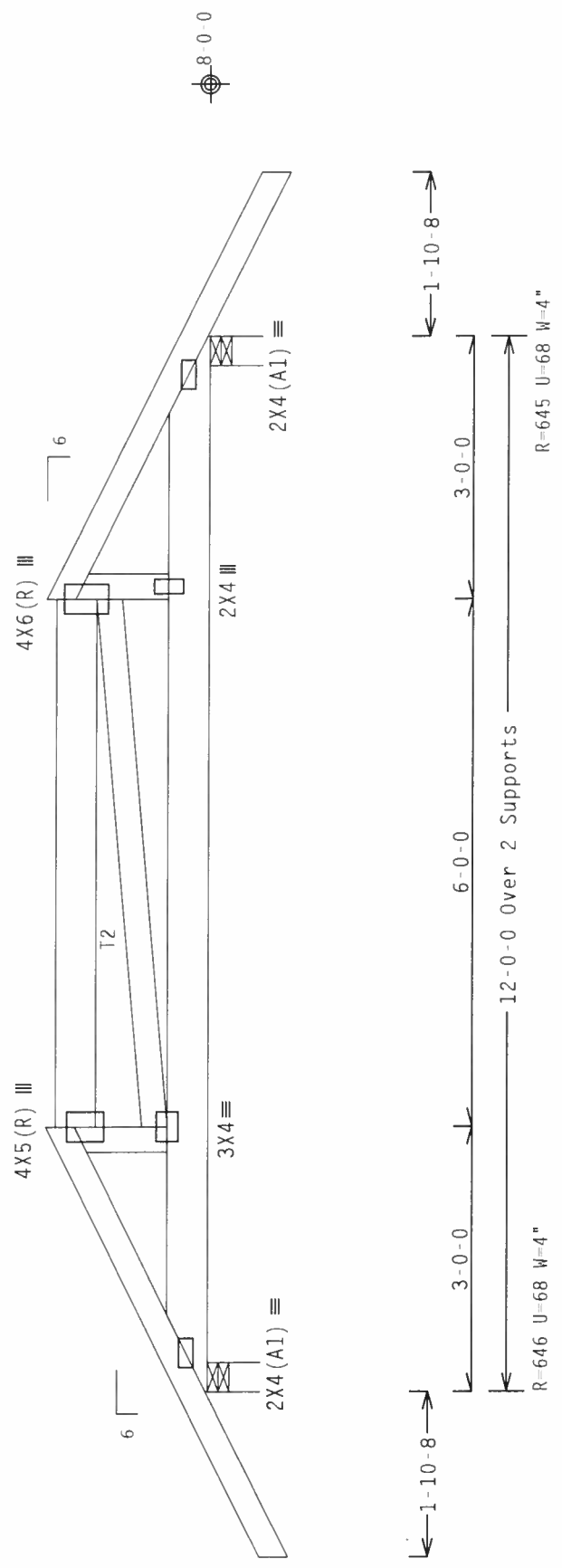


Haines City, FL 33844
FL Certificate of Authorization #

Feb 04 2000

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. lw=1.00 GCpt(+/-)=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 3-0-0 jacks with no webs.
The overall height of this truss excluding overhang is 1-10-3.



PLT TYP. Wave

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

Scale = .5" / Ft.

TC LL	20.0 PSF	REF	R215 -- 99229
TC DL	10.0 PSF	DATE	02/04/08
BC DL	10.0 PSF	DRW	HCUSR215 08035006
BC LL	0.0 PSF	HC-ENG	CR/DLJ
TOT.LD.	40.0 PSF	SEQN-	209805
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	ITEQ215_Z01

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DESIGNER'S TRUSS SAFETY INFORMATION. PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 2100 ENTERPRISE LANE, MADISON, MI 48061. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE WORKS, 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 B.C.G. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC., BY AISC) AND TPI. CORRECTOR PLATES ARE MADE OF 70/18/16GA (W/H/SS/K) ASTM A563 GRADE 40/60 (W, K/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC.3. A SEAL OR THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE

Haines City, FL 33844
FL Certificate of Authorization #0278

STATE OF FLORIDA
PROFESSIONAL ENGINEER
F. COLLINS JR.
License No. 52272
Feb 04 '08

(A) Continuous lateral bracing equally spaced on member.

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



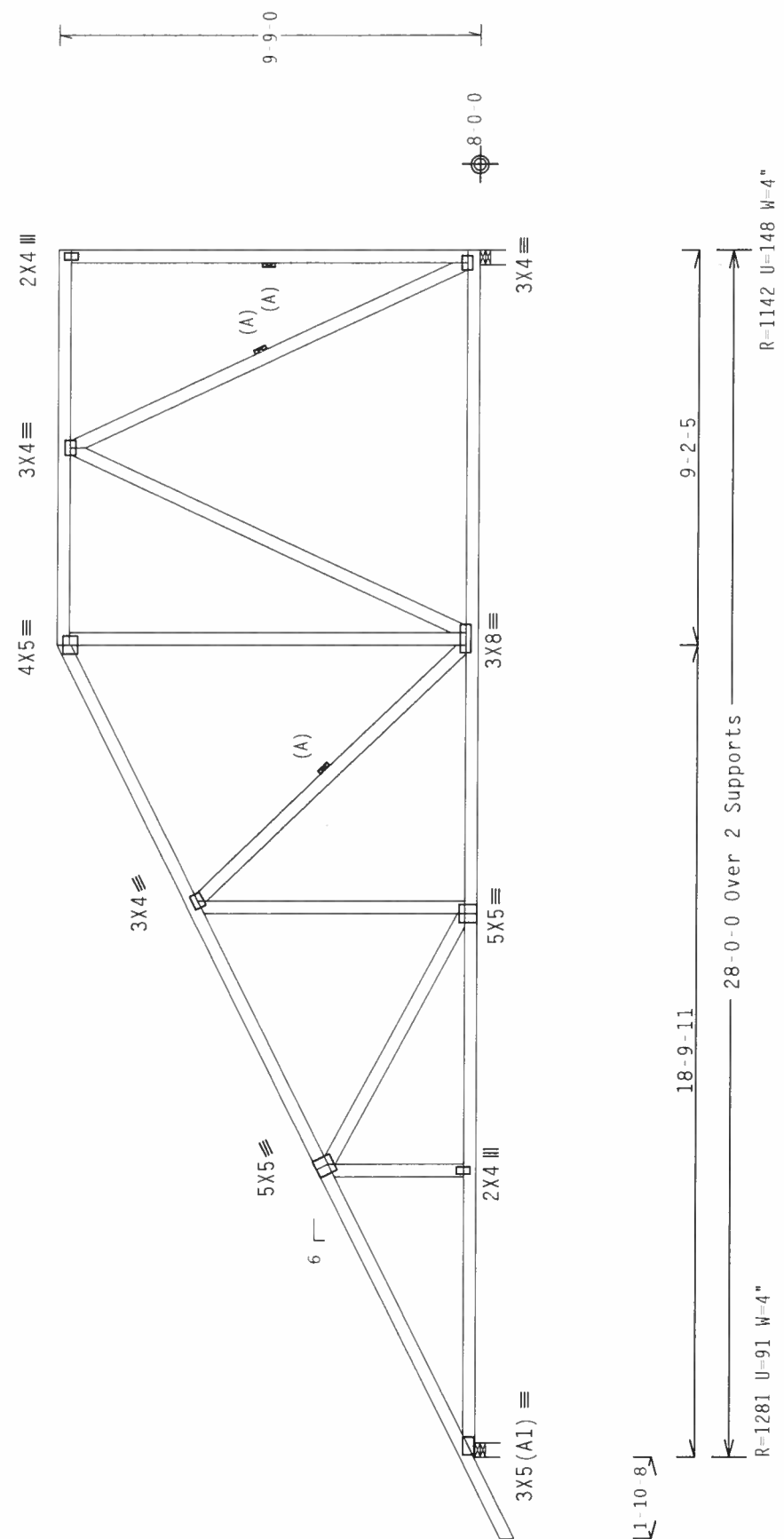
Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

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. 1w=1.00 GCpi (w/-)=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 9-9-0. Deflection meets L/240 live and L/180 total load.



Design Crit: TPI-2002(STD)/FBC

WARNING FRASSES REQUIRING EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, UNLOADING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION FOR ADDITIONAL PRECAUTIONS BY ATTACHED LIT., G-10D NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 22314), AND NACA (WOOD TRUSS COUNCIL OF AMERICA, 610D ENTERPRISE LAKE, MADISON, WI 53749) 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 FLOORING.

****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 NATIONAL STANDARD SPECIFICATION (AISC) STEEL ARCH TRUSS DESIGN AND CONNECTIONS (TYPICAL), 18TH EDITION (AISC/AASHTO). ASTM A663 GRADE 50/60 (K / K_N) SALV. STEEL. ALL PLATES TO EACH CHORD OF TRUSS AND JOINTS.

ANY INSPECTION OF PLATES FOLLOWED BY C.I. SHOULD BE PER AMER AS OF JULY-2009 SEC. 7.

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE SECOND COMPLEMENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPLIMENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMER/JPL 1 SEC. 7.

QTY:1	FL / - / 5 / - / R / -	Scale = .25" / Ft.
TC LL	20.0 PSF	REF R215 - - 99232
TC DL	10.0 PSF	DATE 02/04/08
BC DL	10.0 PSF	DRW HCUSR215 08035003
BC LL	0.0 PSF	HC - ENG WHK / WHK *
TOT.LD.	40.0 PSF	SEQN - 216657
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF 1TEQ215 Z01

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

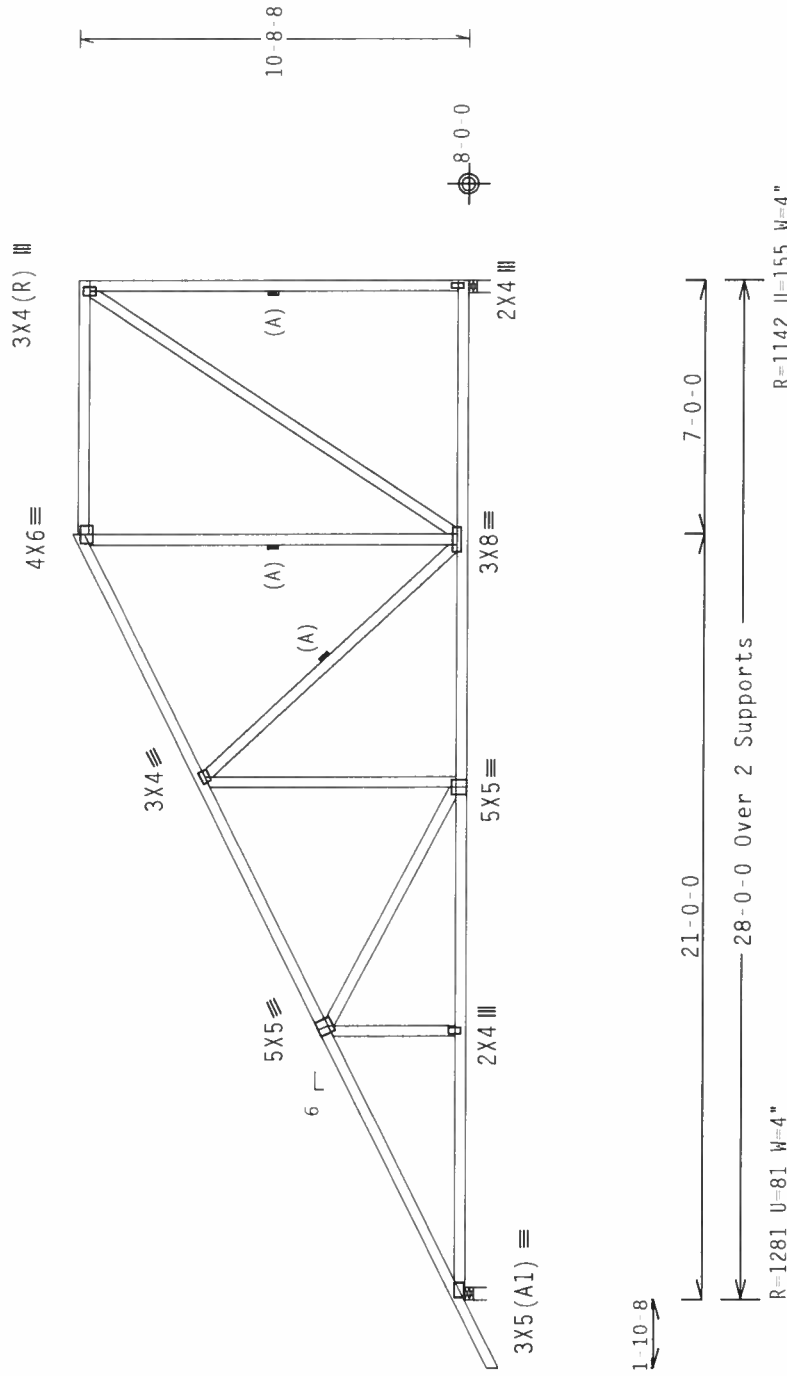
Wind reactions based on MWFRS pressures.

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

Right end vertical not exposed to wind pressure.

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

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



Design Crit: TPI-2002(STD)/FBC

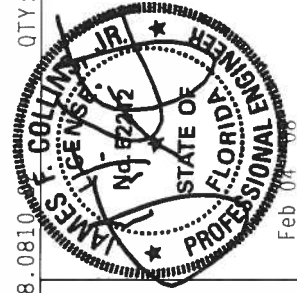
 $Cq/RT=1.00(1.25)/0(0)$

810

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

Scale = .1875"/Ft.

TC LL	20.0	PSF	REF	R215--	99233
TC DL	10.0	PSF	DATE	02/04/08	
BC DL	10.0	PSF	DRW	HCUSR215	08035028
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	1TEQ215	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. $I_w=1.00$ GCpf(+/-)=0.18

(A) Continuous lateral bracing equally spaced on member.

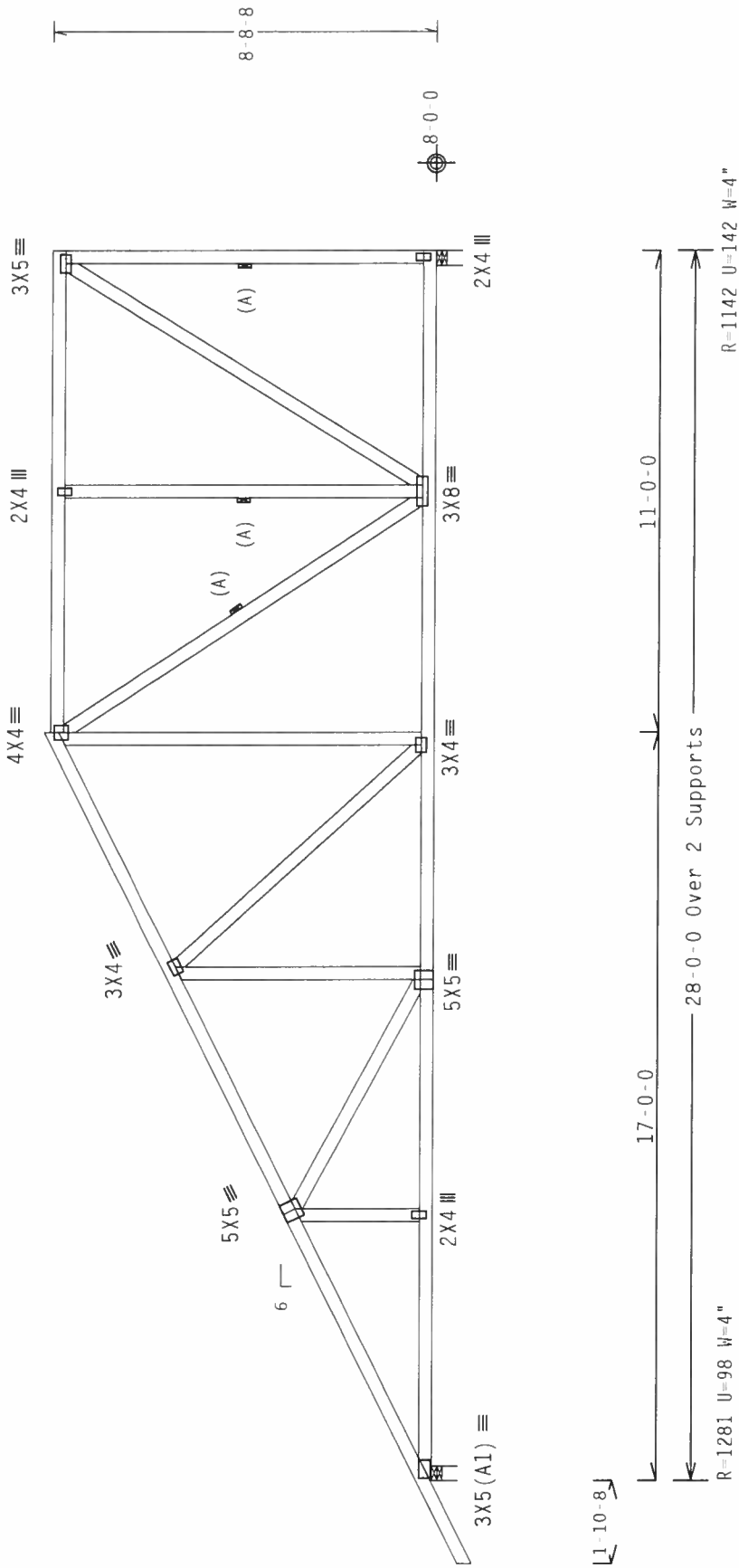
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

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
Cq/RT=1.00(1.25)/0(0) 7.38.0818

Scale = .25"/Ft.

QTY:1	FL/-/5/-/R/-	TC LL	20.0 PSF	REF	R215 -- 99235
		TC DL	10.0 PSF	DATE	02/04/08
		BC DL	10.0 PSF	DRW	HCUSR215 08035026
		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	1TEQ215 Z01

ALPINE

Haines City, FL 33844
FL Certificate of Authorization # 0278

JAMES COLLINS
No 52242
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Feb 04 '08

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THE USER OF THIS TRUSS SHALL BE RESPONSIBLE FOR THE TRUSS BEING USED IN ACCORDANCE WITH THE DESIGN AND BRACING INFORMATION. THE USER SHALL BE RESPONSIBLE FOR THE TRUSS BEING USED IN ACCORDANCE WITH THE DESIGN AND BRACING INFORMATION. THE USER SHALL BE RESPONSIBLE FOR THE TRUSS BEING USED IN ACCORDANCE WITH THE DESIGN AND BRACING INFORMATION.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE USER SHALL BE RESPONSIBLE FOR THE TRUSS BEING USED IN ACCORDANCE WITH THE DESIGN AND BRACING INFORMATION. THE USER SHALL BE RESPONSIBLE FOR THE TRUSS BEING USED IN ACCORDANCE WITH THE DESIGN AND BRACING INFORMATION. THE USER SHALL BE RESPONSIBLE FOR THE TRUSS BEING USED IN ACCORDANCE WITH THE DESIGN AND BRACING INFORMATION.

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

(A) Continuous lateral bracing equally spaced on member.

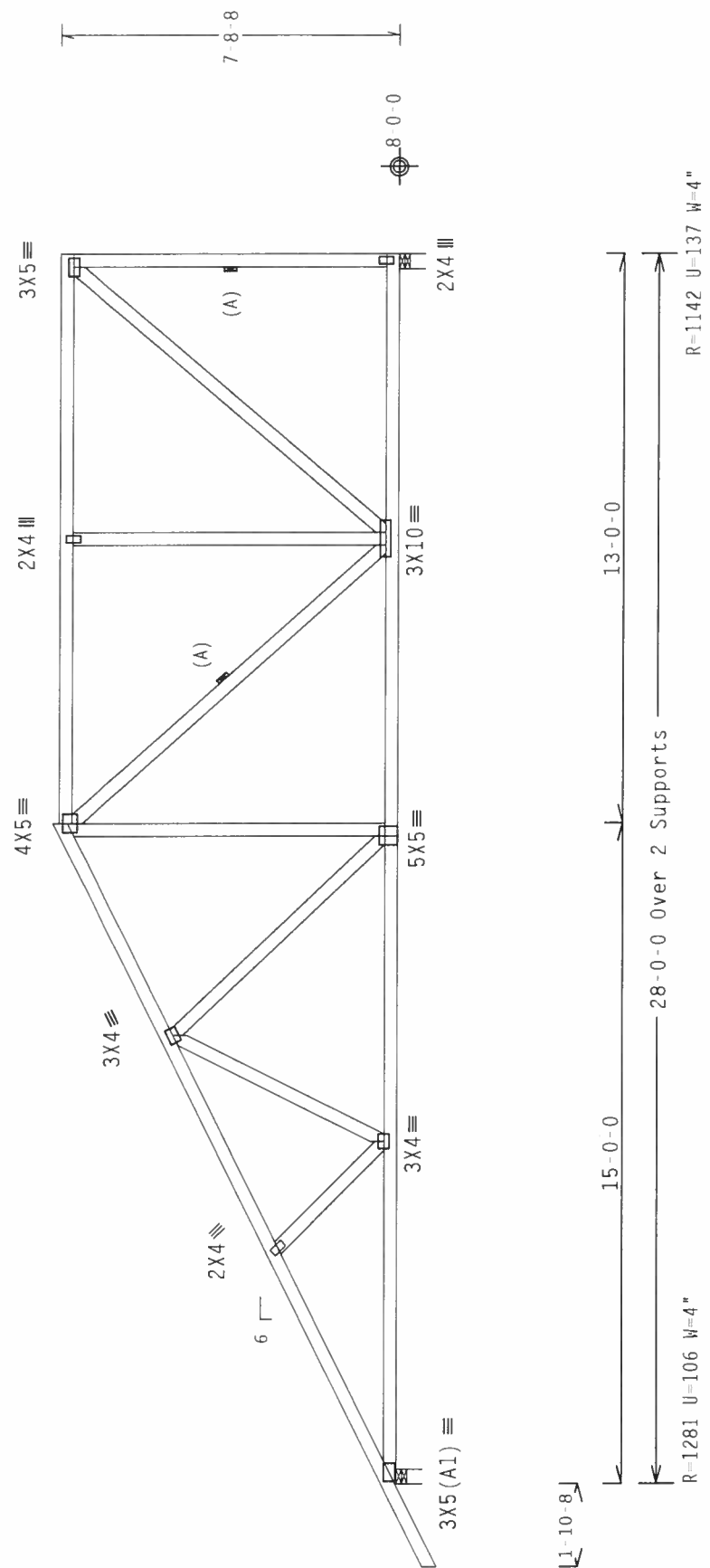
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

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

Scale = .25"/Ft.

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

0810.02 QTY:1

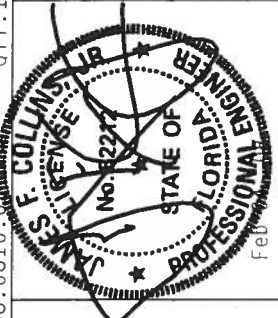
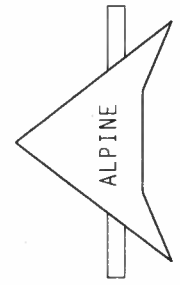
7.38

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

Design Crit.:

PLT TYP. Wave

TC LL	20.0	PSF	REF	R215 - -	99236
TC DL	10.0	PSF	DATE	02/04/08	
BC DL	10.0	PSF	DRW	HGUSR215	08035025
BC LL	0.0	PSF	HC-ENG	CR/DLJ	*
TOT.LD.	40.0	PSF	SEQN-	209982	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF	1TEQ215	Z01

[illegible]

Haines City, FL 33844
FL Certificate of Authorization #

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

(A) Continuous lateral bracing equally spaced on member.

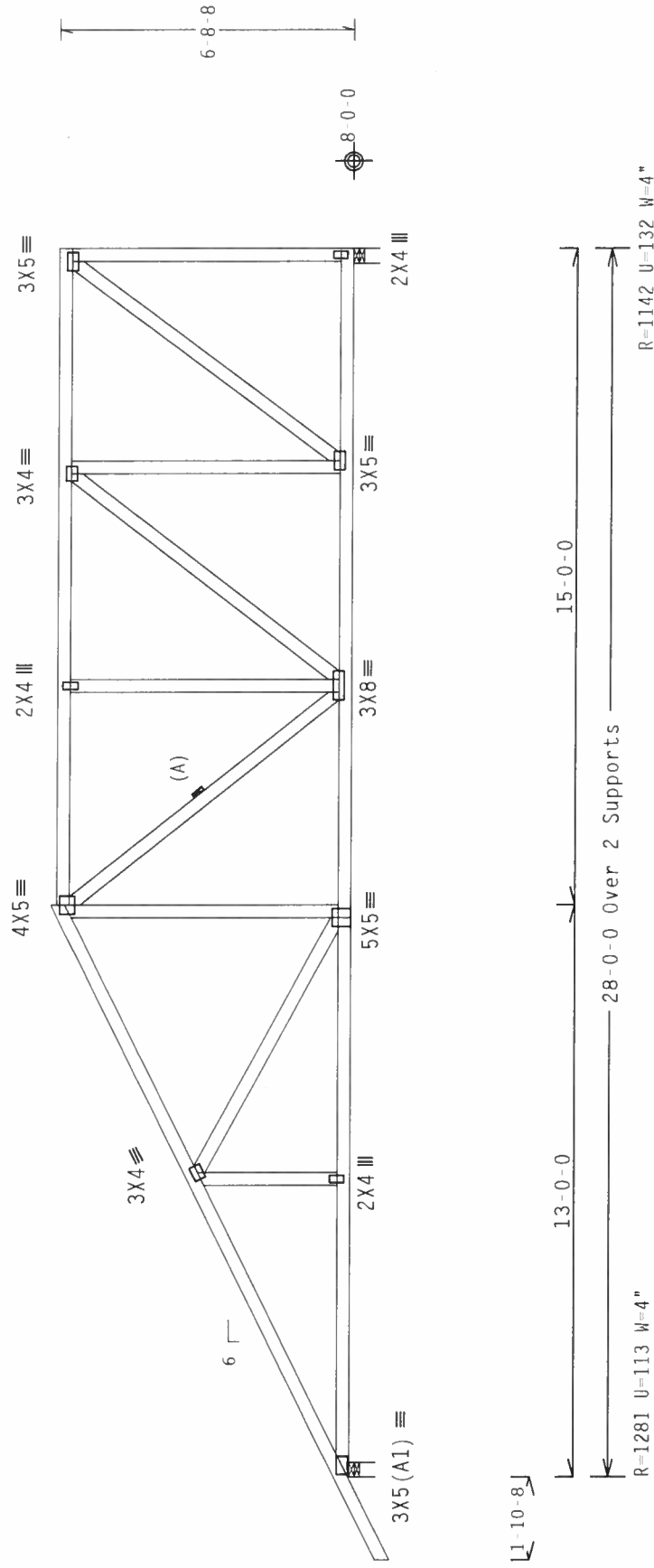
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

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/-/5/-/1/-/R/-/

Scale = 25"/Ft

Scale = .25"/Ft.
REF R215-- 99237

DATE 02/04/08

DRW HCUSR215 08035024

HC-ENG CR/DL/J

SF0N- 209978

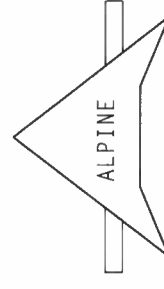
FROM	COM
SEQN	205570

1 KOF	CUH
JREF	1TF0215 701

****WARNING**** TRUSSES REQUIRE EXTENSIVE CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 (BUILDING COMPOUND SAFETY INFORMATION), PUBLISHED BY IP1 (PRESS PLATE INSTITUTE), 218 NORTH LEE STREET, SUITE 317, ALEXANDRIA, VA, 22314 AND WETA (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 CELLING.

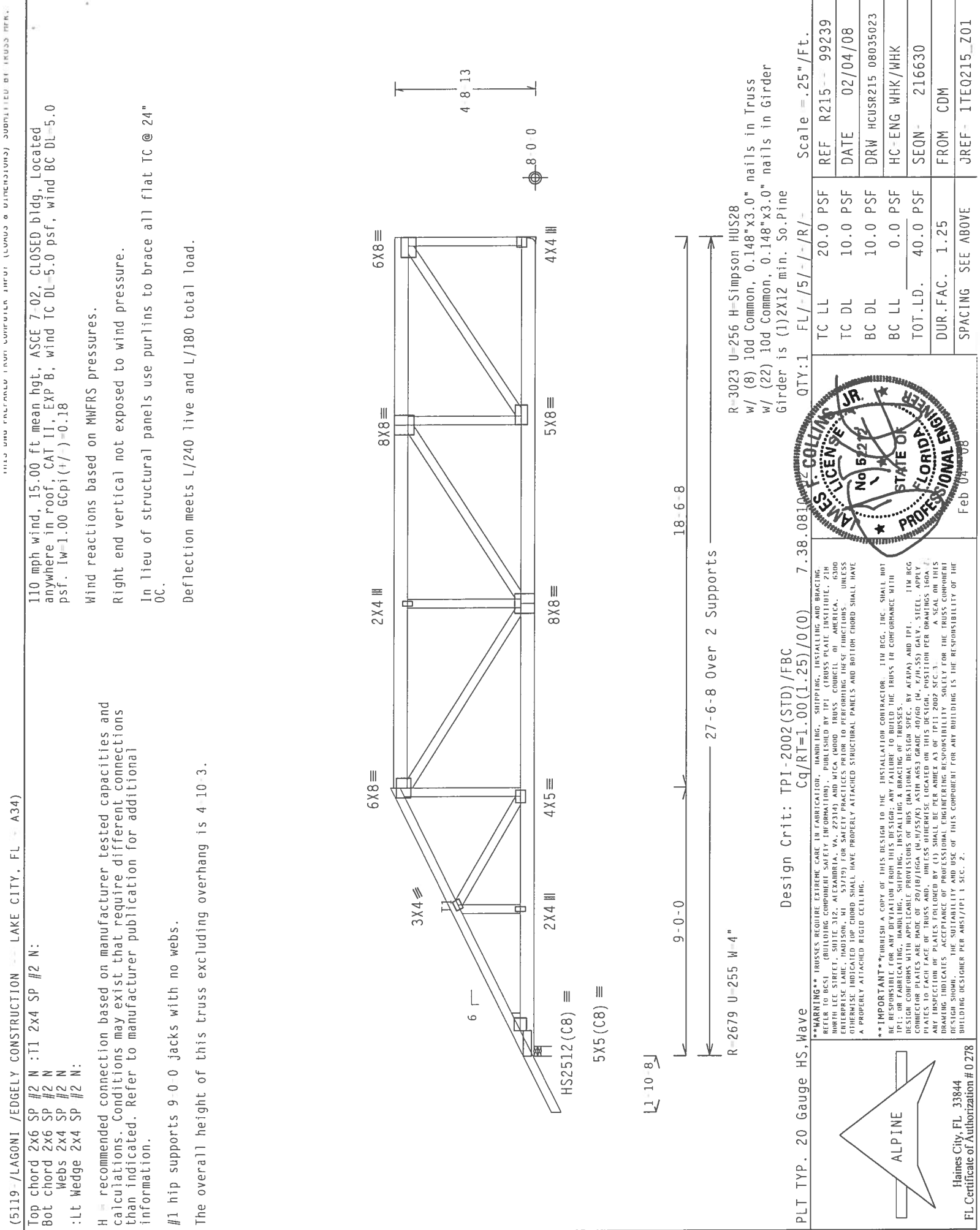
****IMPORTANT****TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS, INSURING THE PROJECT, OBTAINING ALL NECESSARY MATERIALS, AND FOR THE DESIGN OF THE TRUSS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF IND. NATIONAL DESIGN SPEC., BY AISC/A AND TPI. CONNECTOR PLATES ARE MADE OF 2010/160A (4130/STEEL) ASH A551 GRADE 40/50 (A, 4130/STEEL) PLATES TO EACH FACE OF THUS AND, UNLESS OTHERWISE NOTED FOR THIS DESIGN, POSITION PER DRAWINGS 160A 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A-3 OF IPTI-2002 SEC. 3. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE INDUS. COMPONENT DESIGN SHOWING. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/IPTI SEC. 2.



Haines City, FL 33844

FL Certificate of Authorization #0 278



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

Top chord 2x6 SP #2 N : T1 2x4 SP #2 N:
Bot chord 2x6 SP #2 N
Webs 2x4 SP #2 N
: Lt Wedge 2x4 SP #2 N:

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

#1 hip supports 9'-0" jacks with no webs.
The overall height of this truss excluding overhang is 4'-10 3/4".

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, 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.
Right end vertical not exposed to wind pressure.
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

R-3023 U-256 H-Simpson HUS28
w/ (8) 10d Common, 0.148"x3.0" nails in Truss
w/ (22) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X12 min. So.Pine

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

PLT TYP. 20 Gauge HS, Wave

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

27'-6-8 Over 2 Supports

R-2679 U-255 W-4"

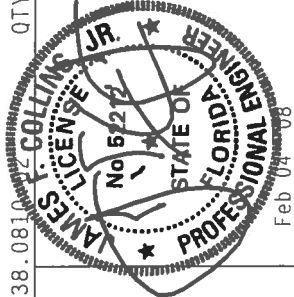
9'-0-0

18'-6-8

4'-8 1/2

6x8
8x8
2x4
3x4
2x4
4x5
4x8
5x8
4x4
5x12(C8)
5x5(C8)

ALPINE
Haines City, FL 33844
FL Certificate of Authorization # 0278



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO UGCS1 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 27th NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304) AND WGA (WOOD GIRDERS ASSOCIATION, 1000 WOOD GIRDERS DRIVE, SUITE 100, FARMINGTON, CT, 06030) FOR ADDITIONAL INFORMATION. OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE 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/AS) 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 AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) 2.

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 7-4-3.



PLT TYP. Wave

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

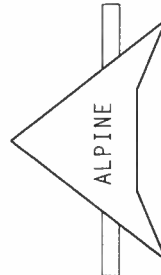
QTY:1 EL / - / 5 / - / - / R / - /

Scale = 25"/Ft

[illegible]

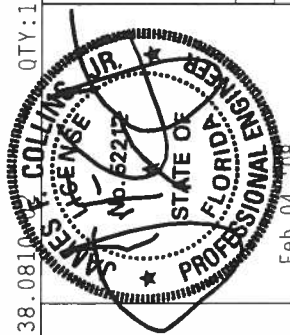
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN INFORMATION HANDLING. SHIPPING, INSTALLING AND BRACING REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304 AND AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION) SPECIFICATION FOR STRUCTURAL STEEL CONNECTIONS, PART 5, WELDING. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL FUELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITR BCS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE OR LOSS OF LIFE OR PROPERTY DURING THE DESIGN, MANUFACTURE, INSTALLATION OR MAINTENANCE OF ANY TRUSS SYSTEM. IT IS THE USER'S RESPONSIBILITY TO OBTAIN ALL NECESSARY PERMITS AND INSURANCE COVERAGE PRIOR TO THE START OF THE PROJECT. THE USER SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE OR LOSS OF LIFE OR PROPERTY DURING THE DESIGN, MANUFACTURE, INSTALLATION OR MAINTENANCE OF ANY TRUSS SYSTEM.

[illegible]

Haines City, FL 33844

FL Certificate of Authorization #0 278



Feb 04 '08

REF 1TF0215 701

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

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

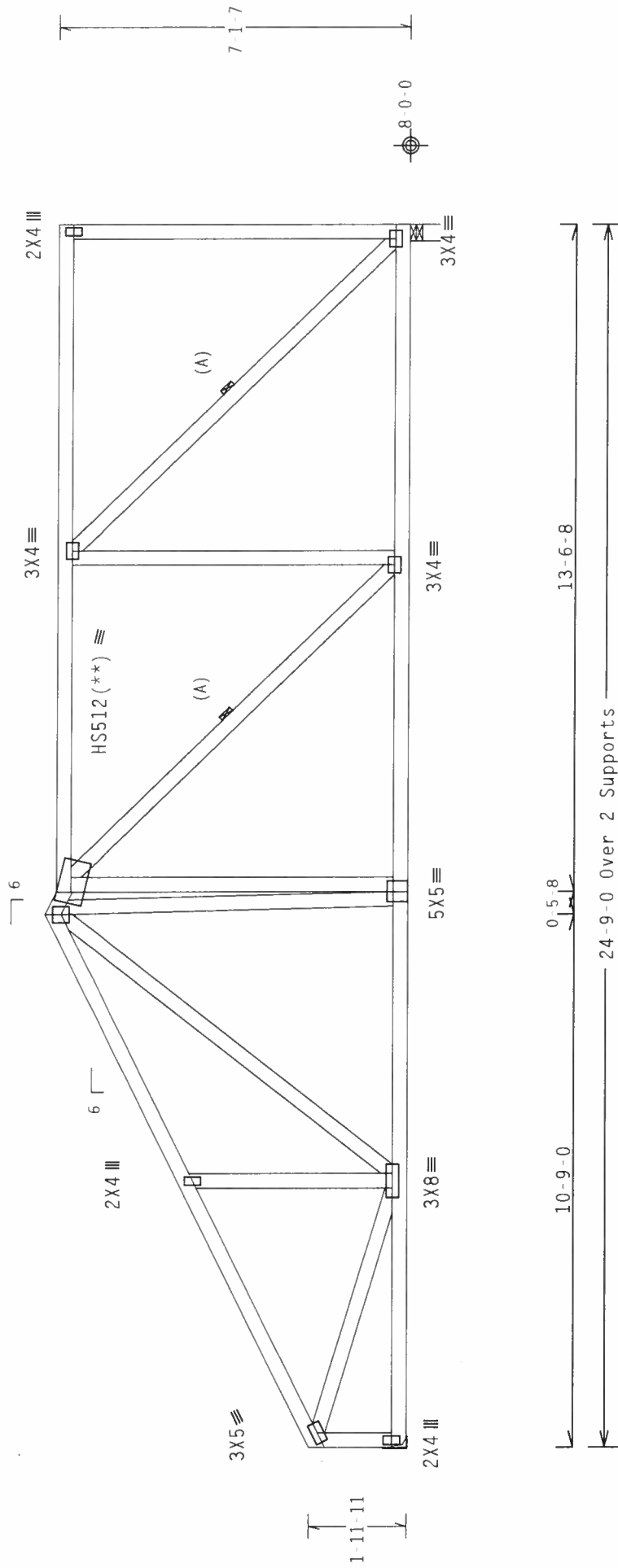
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCpi (+/-)=0.18

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

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.



R=1019 U=73 H=Simpson LU26

w/ (4) 10d, 0.148"x1.5" nails in Truss
w/ (6) 16d, 0.162"x2.5" nails in Girder

Girder is (2)2X6 min. So. Pine Design Crit: TPI-2002(STD)/FBC

PLT TYP. 20 Gauge HS, Wave

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

QTY:1 FI/-/5/-/-/R/-/

Scale = .3125"/Ft.

***WARNING:** THESE REQUIRE EXTREME CARE IN ERECTING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RESISTING BUILDING COMPONENTS SAFETY FOR MORE INFORMATION. 218
NORTH ALC STREET, SUITE 312, ALEXANDRIA, VA 22314, AND WEA (WOOD BRIDGE, CORRECTION CENTER), 1000 WEA ROAD, ALEXANDRIA, VA 22304.
ENTERPRISE LANE, SUITE 101, ALEXANDRIA, VA 22314, FOR STEP-BY-STEP INSTRUCTIONS TO PERFORM THESE FUNCTIONS. OTHERWISE, INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CHORD.

ALPINE

Haines City, FL 33844

FL Certificate of Authorization # 0 278

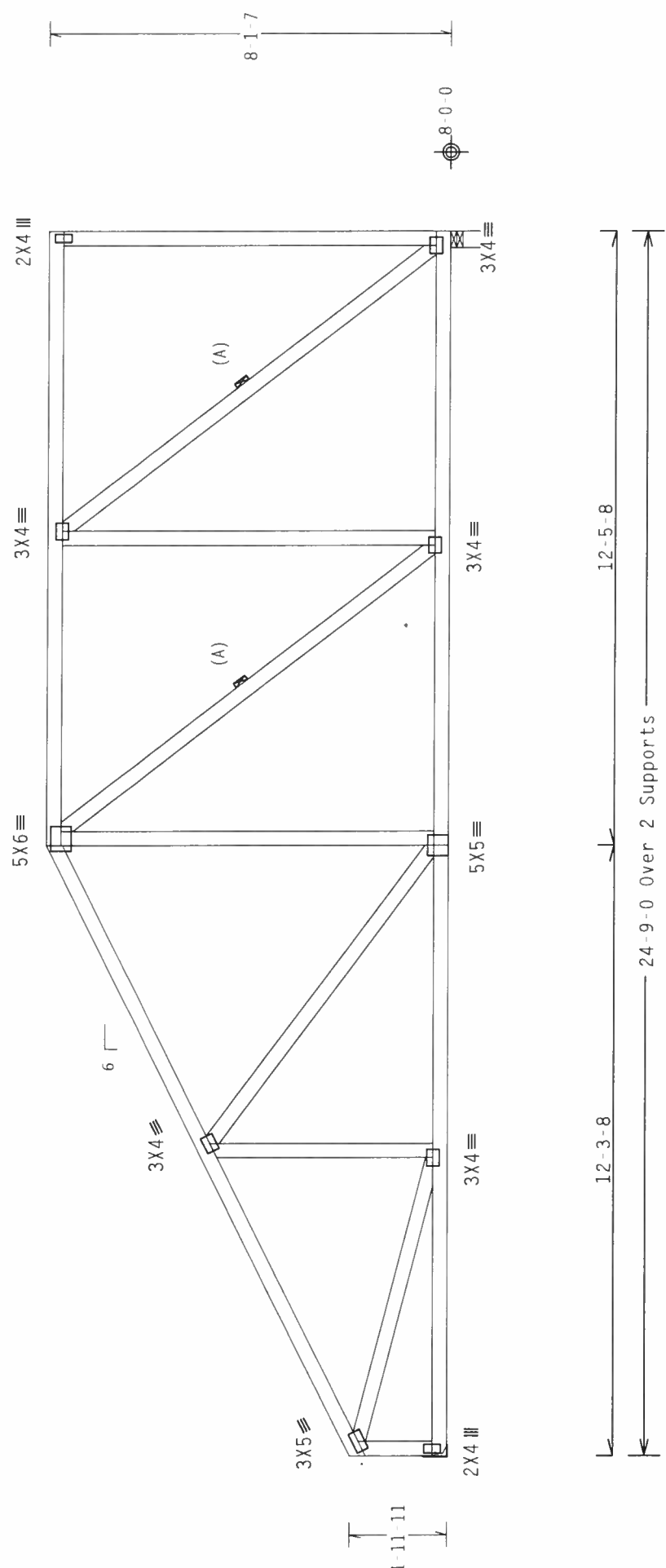
Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

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

H_1 = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

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

The overall height of this truss excluding overhang is 8-1-7.



R-1019 U=66 H=Simpson LU26
w/ (4) 10d, 0.148"x1.5" nails in Truss
w/ (6) 16d, 0.162"x2.5" nails in Girder
Girder is (2)2X6 min. So.Pipe Design Crit

PLT TYP.	Wave	QTY:1	FL	/	5	/	-	R/-	Scale = .3125"/Ft.
design CRIC: PL-2002(SIU)/FBC	Cq/RT=1.00(1.25)/0(0)	7.38.0810							

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND DRAGING. REFER TO BEST AVAILABLE COMPOSITE SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH ILL STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND AMCA (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 CUTTING

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

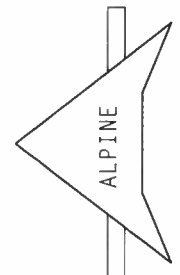
THE TRUSS SHALL BE DESIGNED BY AN APPROVED PROFESSIONAL DESIGN SOURCE, BY ACPA AND THE STEEL CONNECTION PLATES ARE MADE OF CARBON STEEL, UNLESS OTHERWISE SPECIFIED.

PLATES TO EACH FACE OF RUFS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS LGA.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMES 4-3 OF 1911 2002 SEC 3

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE RUSS OMENT

D SIGN HOME THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMES/P1P1 SEC. 2.



Haines City, FL 33844
FL Certificate of Authorization #0278

8.0810	QTY:1	FL / - / 5 / - / - / R / -	Scale = .3125" / Ft.			
						
				TC LL	20.0 PSF	REF R215-- 99242
				TC DL	10.0 PSF	DATE 02/04/08
				BC DL	10.0 PSF	DRW HCURSR215 08035025
				BC LL	0.0 PSF	HC-ENG WHK / WHK
				TOT. LD.	40.0 PSF	SEQN- 216671
		DUR. FAC.	1.25	FROM CDM		
		SPACING	24.0"	JREF 1TE0215 Z01		
Feb 04 '08						

Top chord 2x6 SP #2 N : T1, T5 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 3.50, 41.50
- BC - 420 LB Conc. Load at 9.50, 16.00, 22.50, 29.00, 35.50

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

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.

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

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

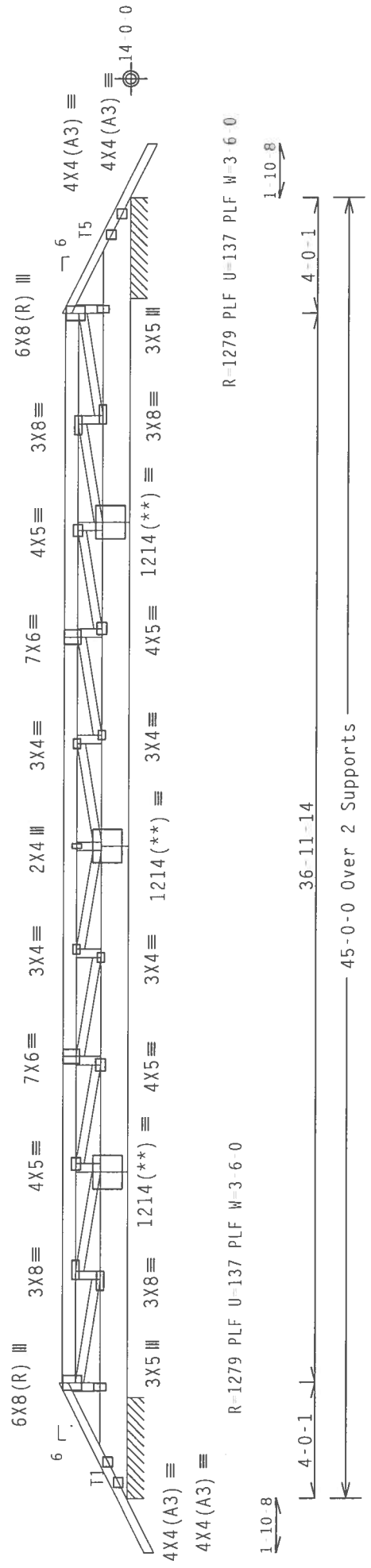
Wind reactions based on MWFRS pressures.

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

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

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

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



R=1279 PLF U-137 PLF W-3 6-0

1:10.8

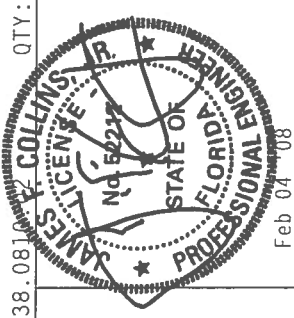
1:10.8

36-11-14

45-0-0 Over 2 Supports

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

PLT TYP. Wave	QTY: 1		FL / - / 5 - / - / R / -	Scale = .1875" / Ft.
	TC LL	20.0 PSF	REF R215 --	99243
	TC DL	10.0 PSF	DATE	02/04/08
	BC DL	10.0 PSF	DRW	HCUSR215 08035036
	BC LL	0.0 PSF	HC-ENG	WHK / WHK
ALPINE	TOT.LD.	40.0 PSF	SEQN-	216819
	DUR.FAC.	1.25	FROM	CDM
	SPACING	SEE ABOVE	JREF-	1TEQ215_Z01



****WARNING**** TRUSSES REQUIRING 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, ALTAMONTA, VA, 22314) AND MGA (WOOD TRUSS, COUNCIL OF AMERICA, 6300 WEST 19TH AVENUE, SUITE 100, DENVER, CO 80202) FOR THE LATEST PRACTICES AND PERFORMING THESE INSTRUCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF IBCS (NATIONAL DESIGN SPEC., BY AIA/PAI AND TPI. 11th EDITION) AND CORRELATES WITH APPLICABLE PROVISIONS OF ASCE 7-02 (MIN. 40/60 (W, E/H, S) GALE, STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A 2 ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

Top chord 2x6 SP #2 N :T1, T5 2x4 SP #2 N :
Bot chord 2x4 SP #2 N :B2, B3 2x4 SP #5:
Webs 2x4 SP #2 N

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

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

Calculated vertical deflection is 0.71" due to live load and 0.73" due to dead load at X = 25 11 5.

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

110 mph wind, 15.38 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpl(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.



PLT TYP. 20 Gauge HS, Wave

Design Crit: TPI-2002(STD)/FBC

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

7.38.0810

QTY:1

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

Scale = .125"/Ft.

REF R215-- 99244

DATE 02/04/08

DRW HCUSR215 08035026

HC-ENG WHK/WHK

SEQN- 216807

FROM CDM

JREF- 1TE0215_201

SPACING 24.0"

TC LL 20.0 PSF

TC DL 10.0 PSF

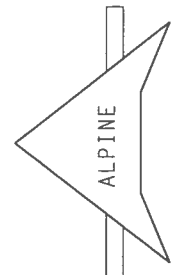
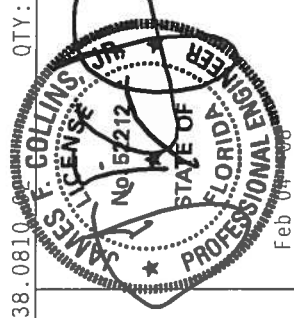
BC DL 10.0 PSF

BC LL 0.0 PSF

TOT.LD. 40.0 PSF

DUR.FAC. 1.25

SPACING 24.0"



Haines City, FL 33844
FL Certificate of Authorization # 0278

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

Wind reactions based on MWFRS pressures.

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

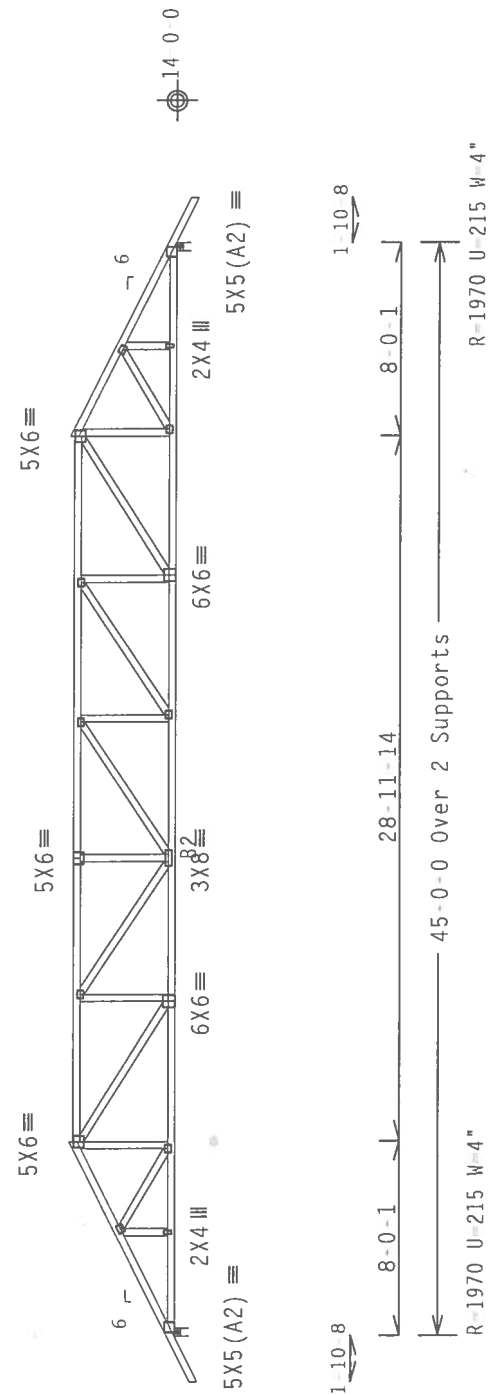
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

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

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

Calculated vertical deflection is 0.51" due to live load and 0.52" due to dead load at X = 19'-7"-9."

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



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.



Haines City, FL 33844
FL Certificate of Authorization # 0278

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DESIG. BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY IPTI (BRUSS PLATE INSTITUTION), 2100 ENTERPRISE LANE, HAWTHORNE, MI 48069-3140, (313) 486-1000, (313) 486-1001, (313) 486-1002, (313) 486-1003, (313) 486-1004, (313) 486-1005, (313) 486-1006, (313) 486-1007, (313) 486-1008, (313) 486-1009, (313) 486-1010, (313) 486-1011, (313) 486-1012, (313) 486-1013, (313) 486-1014, (313) 486-1015, (313) 486-1016, (313) 486-1017, (313) 486-1018, (313) 486-1019, (313) 486-1020, (313) 486-1021, (313) 486-1022, (313) 486-1023, (313) 486-1024, (313) 486-1025, (313) 486-1026, (313) 486-1027, (313) 486-1028, (313) 486-1029, (313) 486-1030, (313) 486-1031, (313) 486-1032, (313) 486-1033, (313) 486-1034, (313) 486-1035, (313) 486-1036, (313) 486-1037, (313) 486-1038, (313) 486-1039, (313) 486-1040, (313) 486-1041, (313) 486-1042, (313) 486-1043, (313) 486-1044, (313) 486-1045, (313) 486-1046, (313) 486-1047, (313) 486-1048, (313) 486-1049, (313) 486-1050, (313) 486-1051, (313) 486-1052, (313) 486-1053, (313) 486-1054, (313) 486-1055, (313) 486-1056, (313) 486-1057, (313) 486-1058, (313) 486-1059, (313) 486-1060, (313) 486-1061, (313) 486-1062, (313) 486-1063, (313) 486-1064, (313) 486-1065, (313) 486-1066, (313) 486-1067, (313) 486-1068, (313) 486-1069, (313) 486-1070, (313) 486-1071, (313) 486-1072, (313) 486-1073, (313) 486-1074, (313) 486-1075, (313) 486-1076, (313) 486-1077, (313) 486-1078, (313) 486-1079, (313) 486-1080, (313) 486-1081, (313) 486-1082, (313) 486-1083, (313) 486-1084, (313) 486-1085, (313) 486-1086, (313) 486-1087, (313) 486-1088, (313) 486-1089, (313) 486-1090, (313) 486-1091, (313) 486-1092, (313) 486-1093, (313) 486-1094, (313) 486-1095, (313) 486-1096, (313) 486-1097, (313) 486-1098, (313) 486-1099, (313) 486-1100, (313) 486-1101, (313) 486-1102, (313) 486-1103, (313) 486-1104, (313) 486-1105, (313) 486-1106, (313) 486-1107, (313) 486-1108, (313) 486-1109, (313) 486-1110, (313) 486-1111, (313) 486-1112, (313) 486-1113, (313) 486-1114, (313) 486-1115, (313) 486-1116, (313) 486-1117, (313) 486-1118, (313) 486-1119, (313) 486-1120, (313) 486-1121, (313) 486-1122, (313) 486-1123, (313) 486-1124, (313) 486-1125, (313) 486-1126, (313) 486-1127, (313) 486-1128, (313) 486-1129, (313) 486-1130, (313) 486-1131, (313) 486-1132, (313) 486-1133, (313) 486-1134, (313) 486-1135, (313) 486-1136, (313) 486-1137, (313) 486-1138, (313) 486-1139, (313) 486-1140, (313) 486-1141, (313) 486-1142, (313) 486-1143, (313) 486-1144, (313) 486-1145, (313) 486-1146, (313) 486-1147, (313) 486-1148, (313) 486-1149, (313) 486-1150, (313) 486-1151, (313) 486-1152, (313) 486-1153, (313) 486-1154, (313) 486-1155, (313) 486-1156, (313) 486-1157, (313) 486-1158, (313) 486-1159, (313) 486-1160, (313) 486-1161, (313) 486-1162, (313) 486-1163, (313) 486-1164, (313) 486-1165, (313) 486-1166, (313) 486-1167, (313) 486-1168, (313) 486-1169, (313) 486-1170, (313) 486-1171, (313) 486-1172, (313) 486-1173, (313) 486-1174, (313) 486-1175, (313) 486-1176, (313) 486-1177, (313) 486-1178, (313) 486-1179, (313) 486-1180, (313) 486-1181, (313) 486-1182, (313) 486-1183, (313) 486-1184, (313) 486-1185, (313) 486-1186, (313) 486-1187, (313) 486-1188, (313) 486-1189, (313) 486-1190, (313) 486-1191, (313) 486-1192, (313) 486-1193, (313) 486-1194, (313) 486-1195, (313) 486-1196, (313) 486-1197, (313) 486-1198, (313) 486-1199, (313) 486-1200, (313) 486-1201, (313) 486-1202, (313) 486-1203, (313) 486-1204, (313) 486-1205, (313) 486-1206, (313) 486-1207, (313) 486-1208, (313) 486-1209, (313) 486-1210, (313) 486-1211, (313) 486-1212, (313) 486-1213, (313) 486-1214, (313) 486-1215, (313) 486-1216, (313) 486-1217, (313) 486-1218, (313) 486-1219, (313) 486-1220, (313) 486-1221, (313) 486-1222, (313) 486-1223, (313) 486-1224, (313) 486-1225, (313) 486-1226, (313) 486-1227, (313) 486-1228, (313) 486-1229, (313) 486-1230, (313) 486-1231, (313) 486-1232, (313) 486-1233, (313) 486-1234, (313) 486-1235, (313) 486-1236, (313) 486-1237, (313) 486-1238, (313) 486-1239, (313) 486-1240, (313) 486-1241, (313) 486-1242, (313) 486-1243, (313) 486-1244, (313) 486-1245, (313) 486-1246, (313) 486-1247, (313) 486-1248, (313) 486-1249, (313) 486-1250, (313) 486-1251, (313) 486-1252, (313) 486-1253, (313) 486-1254, (313) 486-1255, (313) 486-125

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

111110 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. Iw=1.00 GCpi (+/-) 0.18

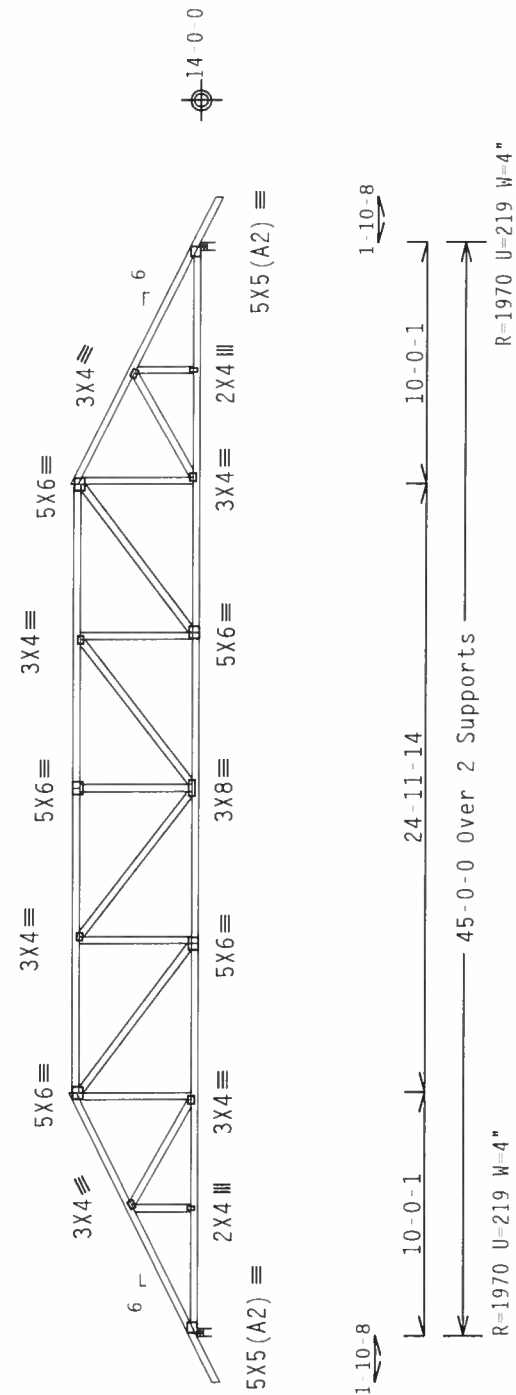
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

Wind reactions based on MWFRS pressures.

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

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

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

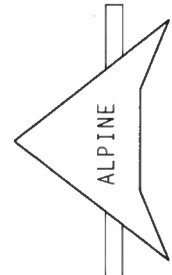
QTY:1 FL/-/5/-/-/R/- Scale = .125"/Ft.

TC LL	20.0	PSF	REF	R215 - -	99246
TC DL	10.0	PSF	DATE	02/04/08	
BC DL	10.0	PSF	DRW	HCU2R215	08035004
BC LL	0.0	PSF	HC-ENG	WHK/WHK	*
TOT.LD.	40.0	PSF	SEQN -	216794	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF	1TEQ215	Z01

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

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AREA) AND TPI. CONNECTOR PLATES ARE MADE OF 2010/160A (H, 5/8"X5/8") ASTM A653 GRADE 40/60 (H, K/0.55) GALV. STEEL. ALL PLATES IN EACH FACE OF TRUSS AND, UNLESS OTHERWISE NOTED, ARE 40/60 (H, K/0.55) GALV. STEEL. A SEAL OF THIS INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMXX AS OF 1/11/2002 SEC. 3. A SEAL OF 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 AMXX/1/1 SEC. 2.



Haines City, FL 33844

Feb 04 09:00 AM

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

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

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

(A) Continuous lateral bracing equally spaced on member.

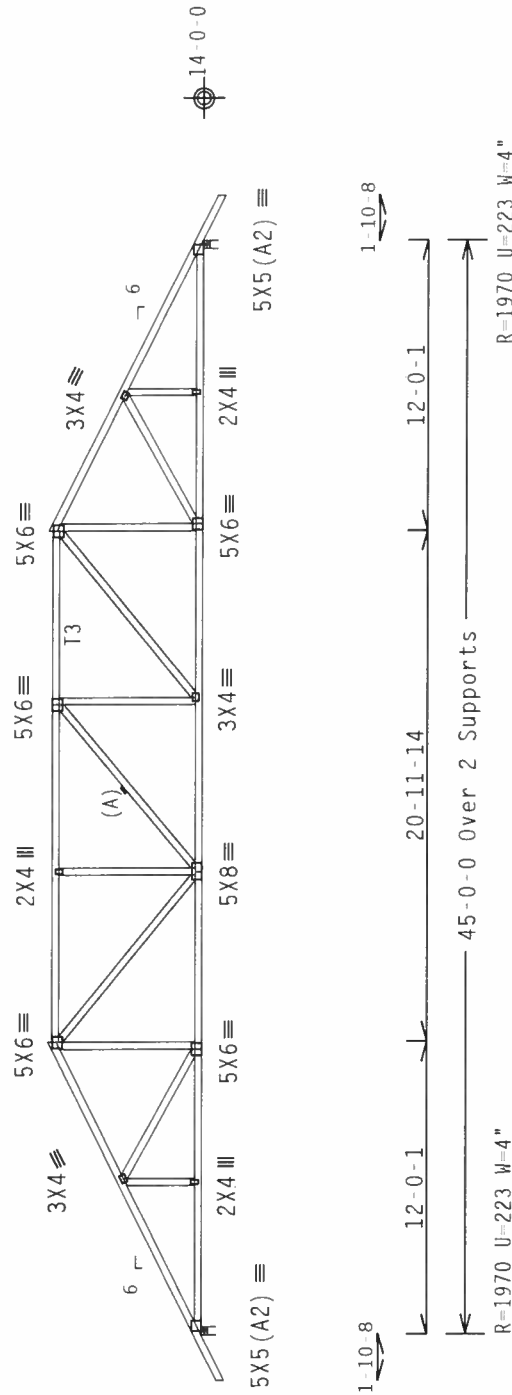
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

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

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

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

Scale = 125"/ft.

Scale = .125"/Ft.
REF R215-- 99247

DATE 02/04/08

08075000

NY 61345080 00000000

HC - ENG WHK / WHK

SEQN- 216790

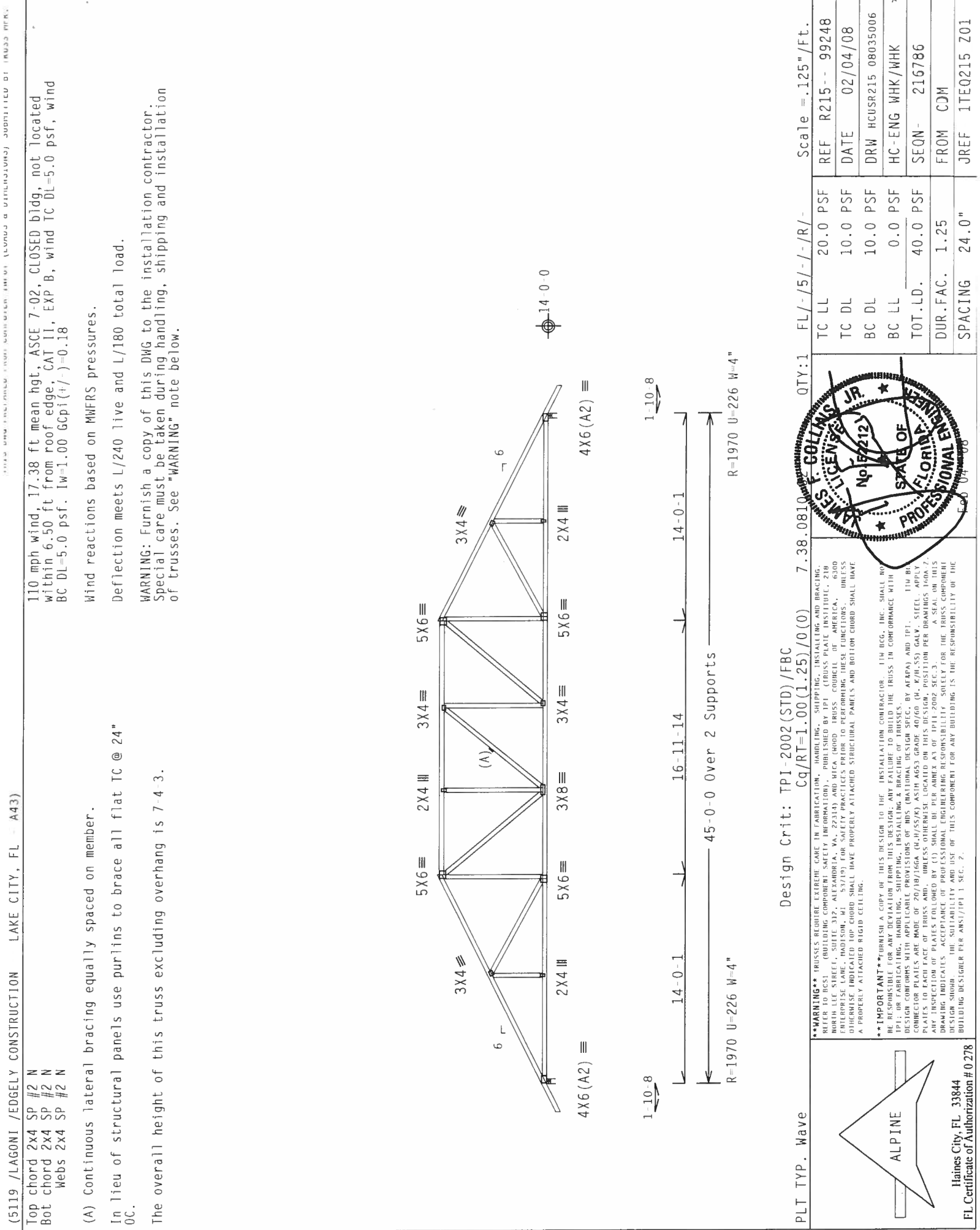
FROM CDM

JREF- 1TEQ215 Z01

Haines City, FL 33844

FL Certificate of Authorization #0 278

Feb 04 '08



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

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

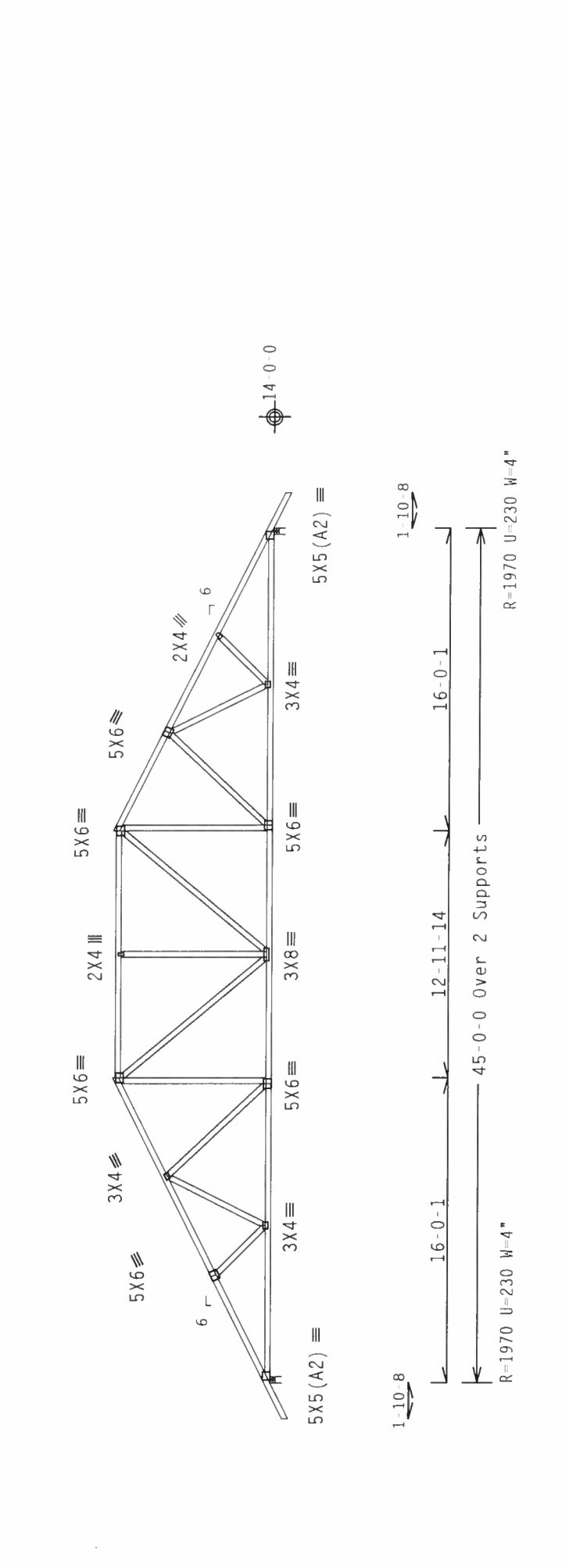
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

110 mph wind, 17.88 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ $G_{CPI}(\pm)=0.18$

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."



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.38.0810.02 QTY:1 FL/-/5/-/-/R/- Scale = .125"/Ft.

REF R215-- 99249
DATE 02/04/08
DRW HCUSR215 08035007
HC-ENG WHK/WHK *
SEQN- 216782
FROM CDM
JREF 1TE0215 Z01

ALPINE

Haines City, FL 33844
FL Certificate of Authorization # 0278

JAMES F. COLLINS, JR.
No. 67212
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Feb 8

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

110 mph wind, 18.38 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf. 1w-1.00 GCpi(-/-)-0.18

(A) Continuous lateral bracing equally spaced on member.

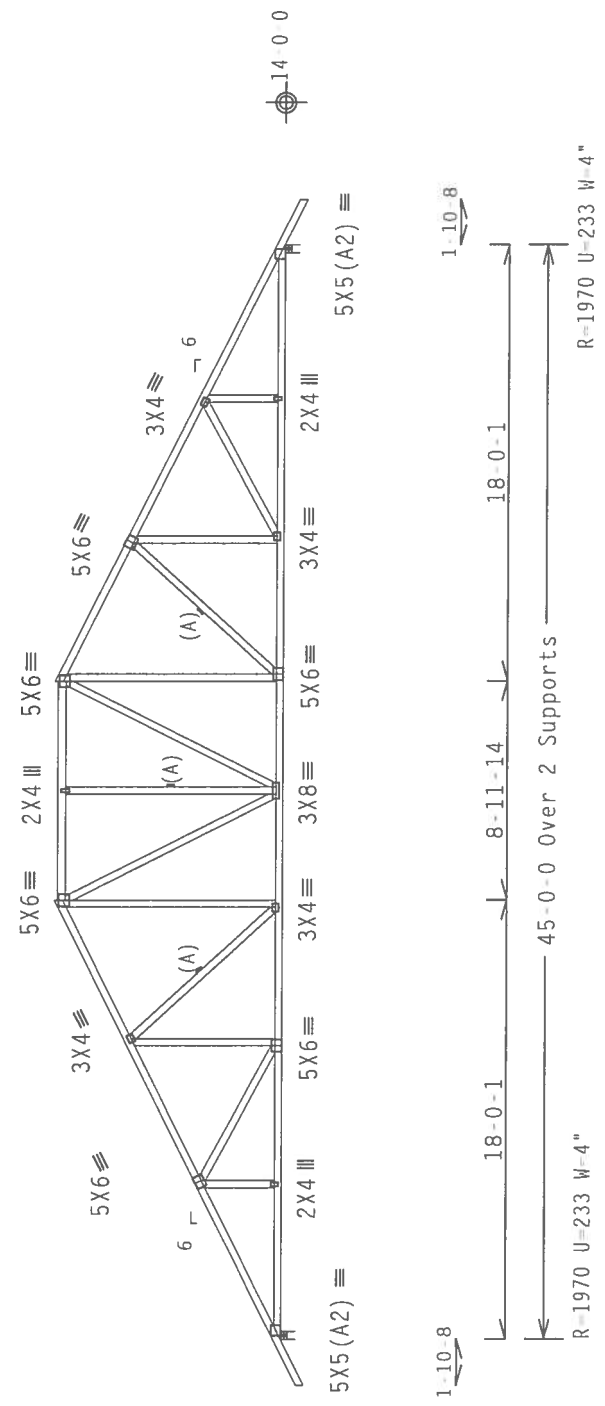
Wind reactions based on MWFRS pressures.

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

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

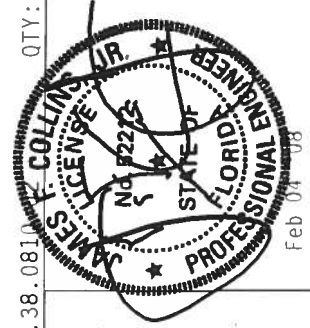
The overall height of this truss excluding overhang is 9'4-3/4"

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



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

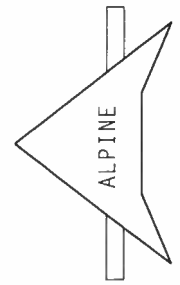
QTY: 1	FL/-/5/-/1-/R/-	Scale = .125"/Ft.
TC LL	20.0 PSF	REF R215-- 99250
TC DL	10.0 PSF	DATE 02/04/08
BC DL	10.0 PSF	DRW HCUSR215 08035008
BC LL	0.0 PSF	HC-ENG WHK/WHK *
TOT.LD.	40.0 PSF	SEON- 216778
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1TEQ215_Z01



****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, 218 INDUSTRIAL BLVD., SUITE 112, ALEXANDRIA, VA, 22304) AND MCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 BUCKLEY BLVD., SUITE 100, FORT WORTH, TX 76116) FOR BEST PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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

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



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.

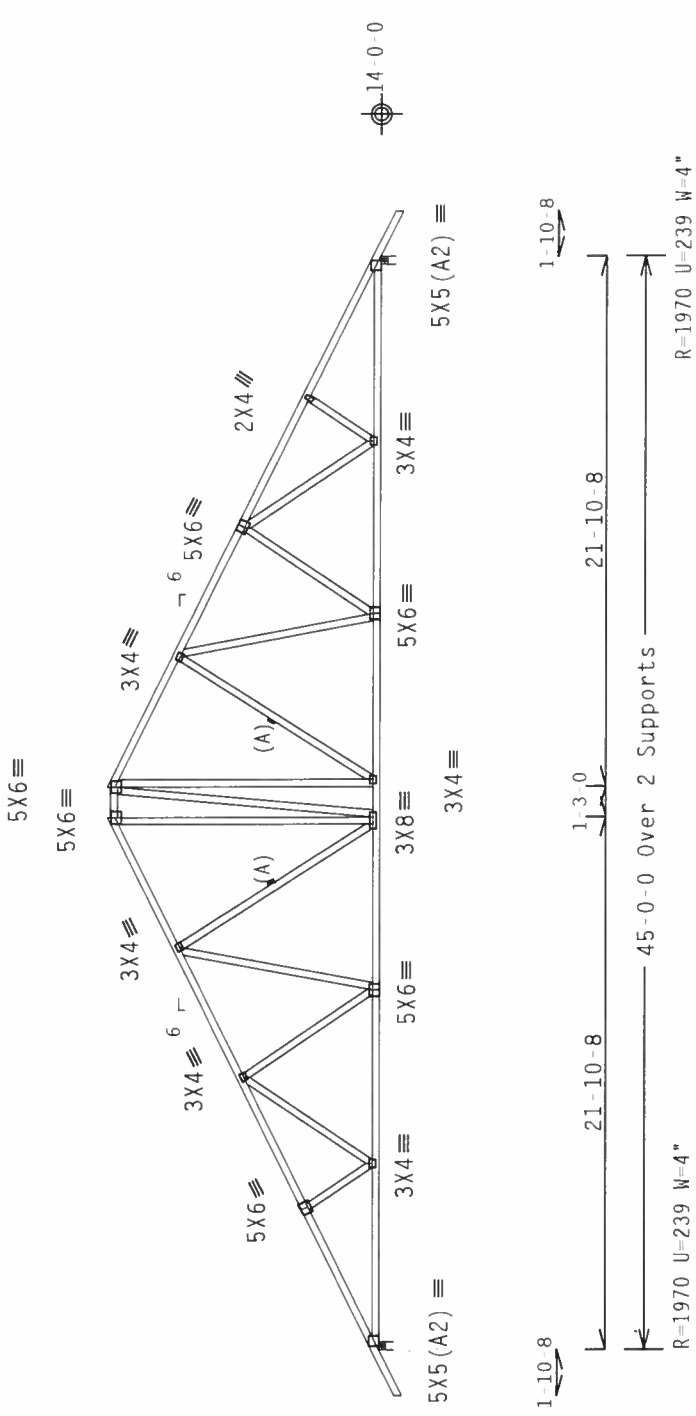
The overall height of this truss excluding overhang is 11-3-7.

110 mph wind, 19.35 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. $I_w=1.00$ GCpi (+/-)=0.18

Wind reactions based on MWFRS pressures.

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

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



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

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

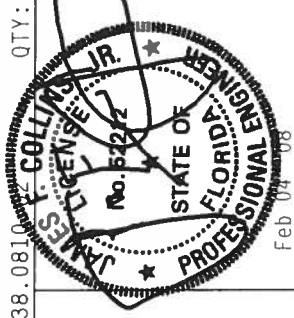
7.38.0810

QTY:1

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

Scale = .125"/Ft.

REF	R215--	99252
DATE	02/04/08	
DRW	HCUSR215	08035010
HC-ENG	WHK/WHK	*
SEQN	216770	
FROM	CDM	
JREF	1TEQ215	Z01



ALPINE

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

(A) Continuous lateral bracing equally spaced on member.

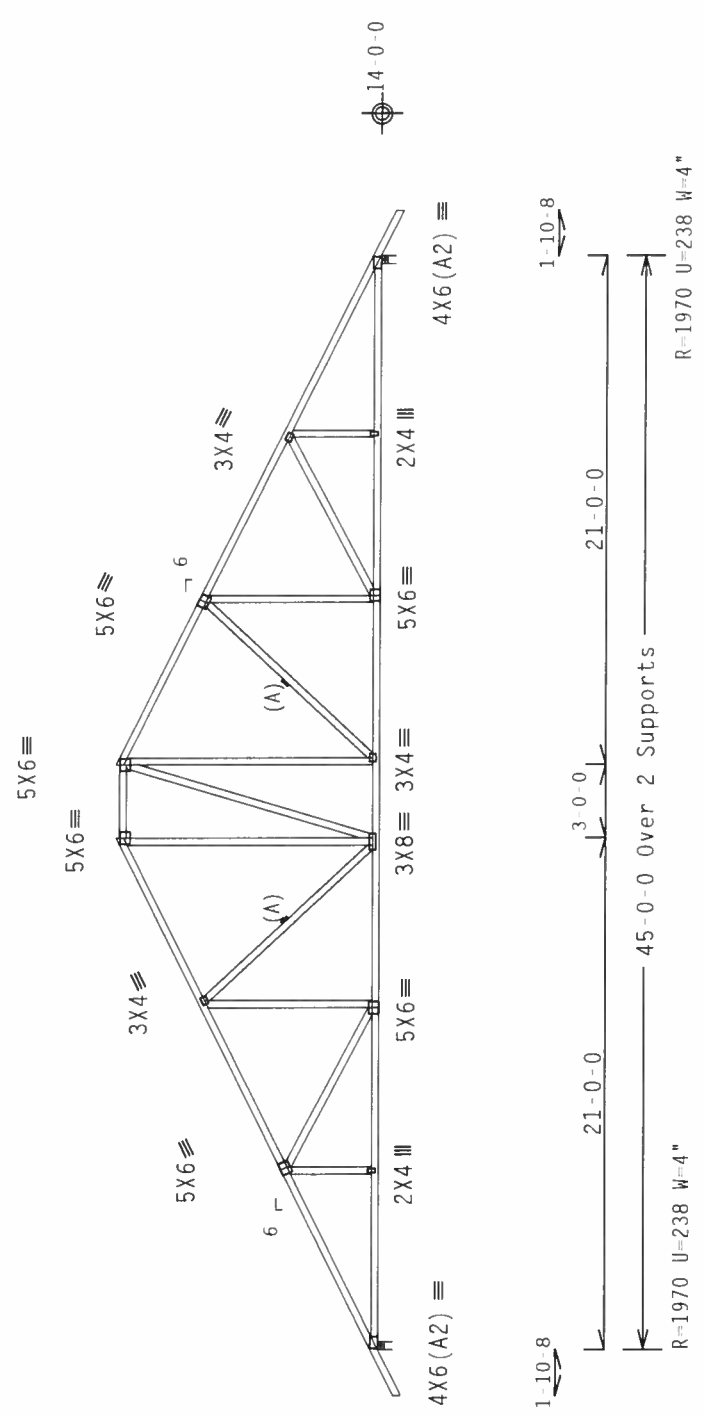
Wind reactions based on MWFRS pressures.

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

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

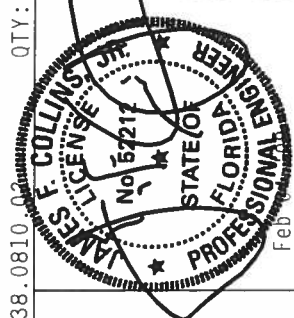
The overall height of this truss excluding overhang is 10-10.3.

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

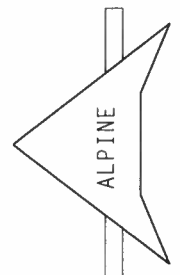


Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0)

PLT TYP. Wave	QTY: 1	FL/-/5/-/-/R/-	Scale = .125"/Ft.
	TC LL	20.0 PSF	REF R215-- 99253
	TC DL	10.0 PSF	DATE 02/04/08
	BC DL	10.0 PSF	DRW HCUSR215 08035011
	BC LL	0.0 PSF	HC-ENG WHK/WHK *
	TOT.LD.	40.0 PSF	SEQN- 216766
	DUR.FAC.	1.25	FROM CDM
	SPACING	24.0"	JREF- 1TE0215_Z01



****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 A BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI. THE BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (H-1/8/55/K) ASTM A653 GRADE 40/60 (H, F/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (C) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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

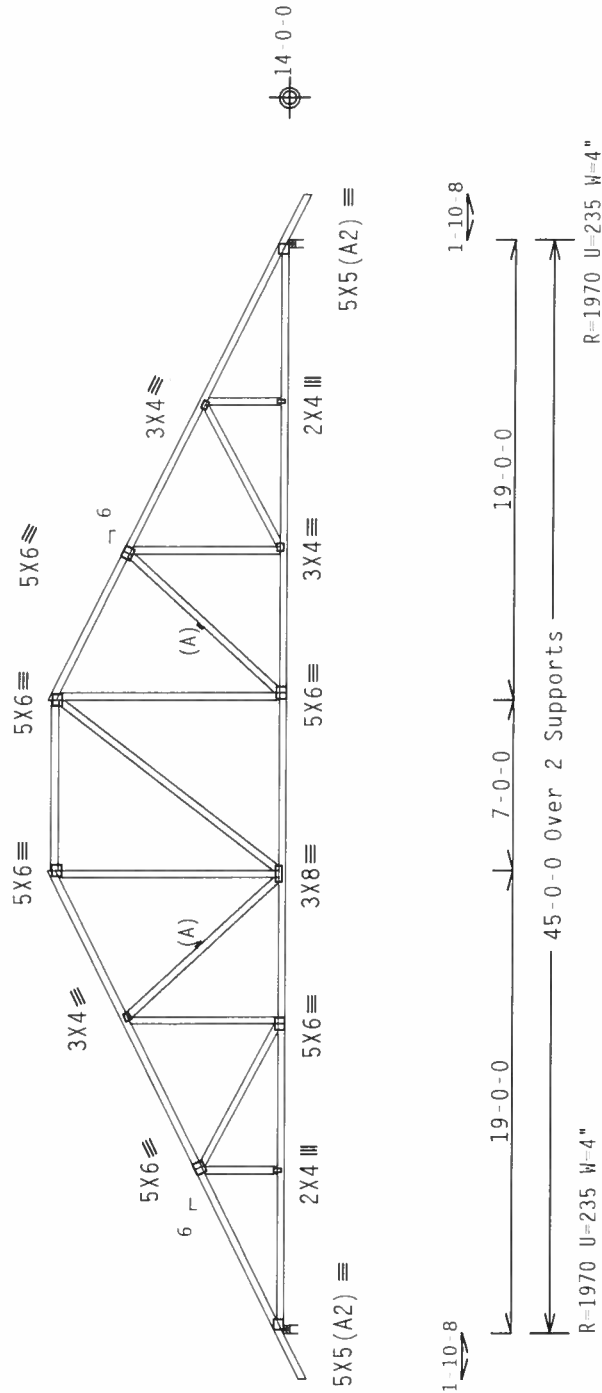
110 mph wind, 18.63 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi (+/-)=0.18

(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 9-10-3.

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



Design Crit: TPI-2002(STD)/FBC

7.38.0810.02

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

PLT TYP. Wave

[illegible]

ALPINE

Haines City, FL 33844

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

STATE OF FLORIDA
PROFESSIONAL ENGINEER
No. 12474
J. B. Smith

Feb

JREF 1TEQ215 Z01

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"

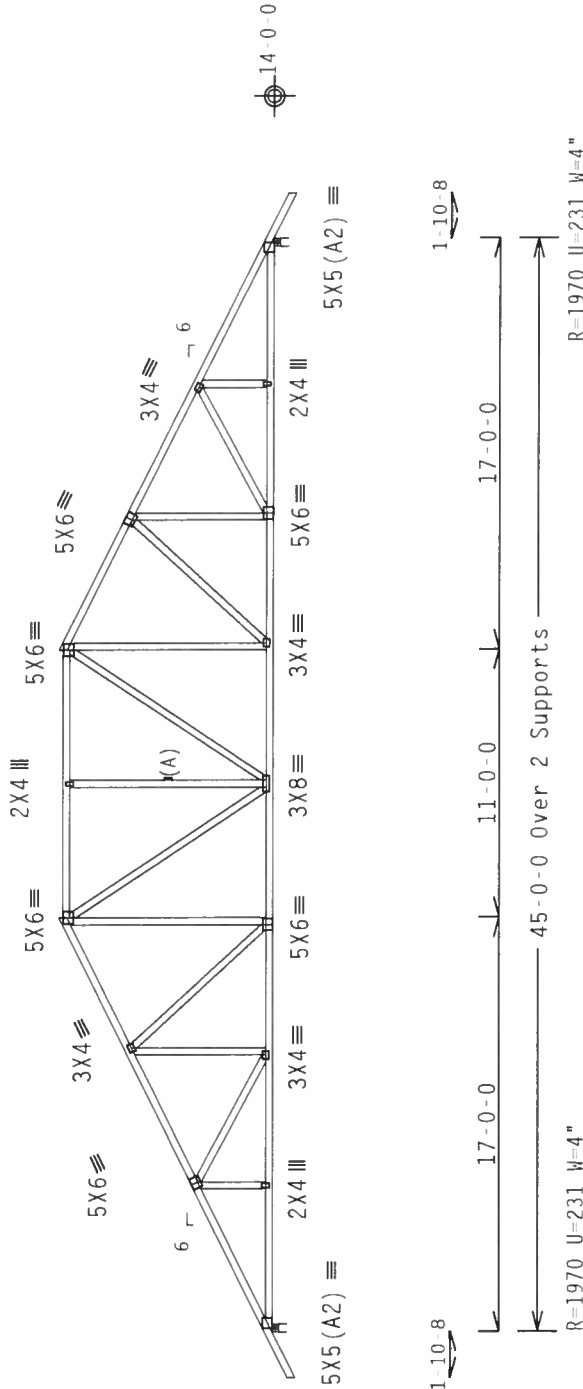
The overall height of this truss excluding overhang is 8-10-3.

110 mph wind, 18.13 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ $G_{CPI}(+/-)=0.18$

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)

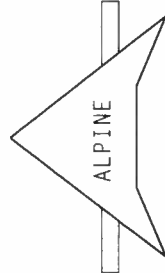
QTY:1

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

Scale = .125"/Ft.

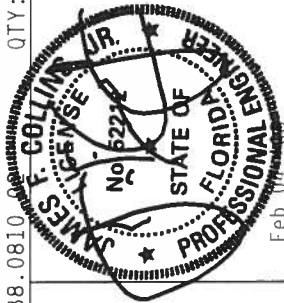
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO HCS (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 2300 INDUSTRIAL BLVD., SUITE 112, ALEXANDRIA, VA 22304) AND TCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 WILSON BLVD., SUITE 112, ALEXANDRIA, VA 22304) FOR ADDITIONAL INFORMATION. THE TRUSS MANUFACTURER SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, THE BCG 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. THE BCG CORRECTOR PLATES ARE MADE OF 20/18/16GA (4-11/16) ASH 6053 GRADE 40/60 (4, 4-11/16) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING 160A.2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



Haines City, FL 33844

FL Certificate of Authorization # 0 278



TC LL	20.0 PSF	REF	R215--	99255
TC DL	10.0 PSF	DATE	02/04/08	
BC DL	10.0 PSF	DRW	HCUSR215	08035013
BC LL	0.0 PSF	HC-ENG	WHK/WHK	*
TOT.LD.	40.0 PSF	SEQN-	216758	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF	1TE0215	Z01

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

110 mph wind, 17.63 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT 11, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi (+/-)=0.18

(A) Continuous lateral bracing equally spaced on member.

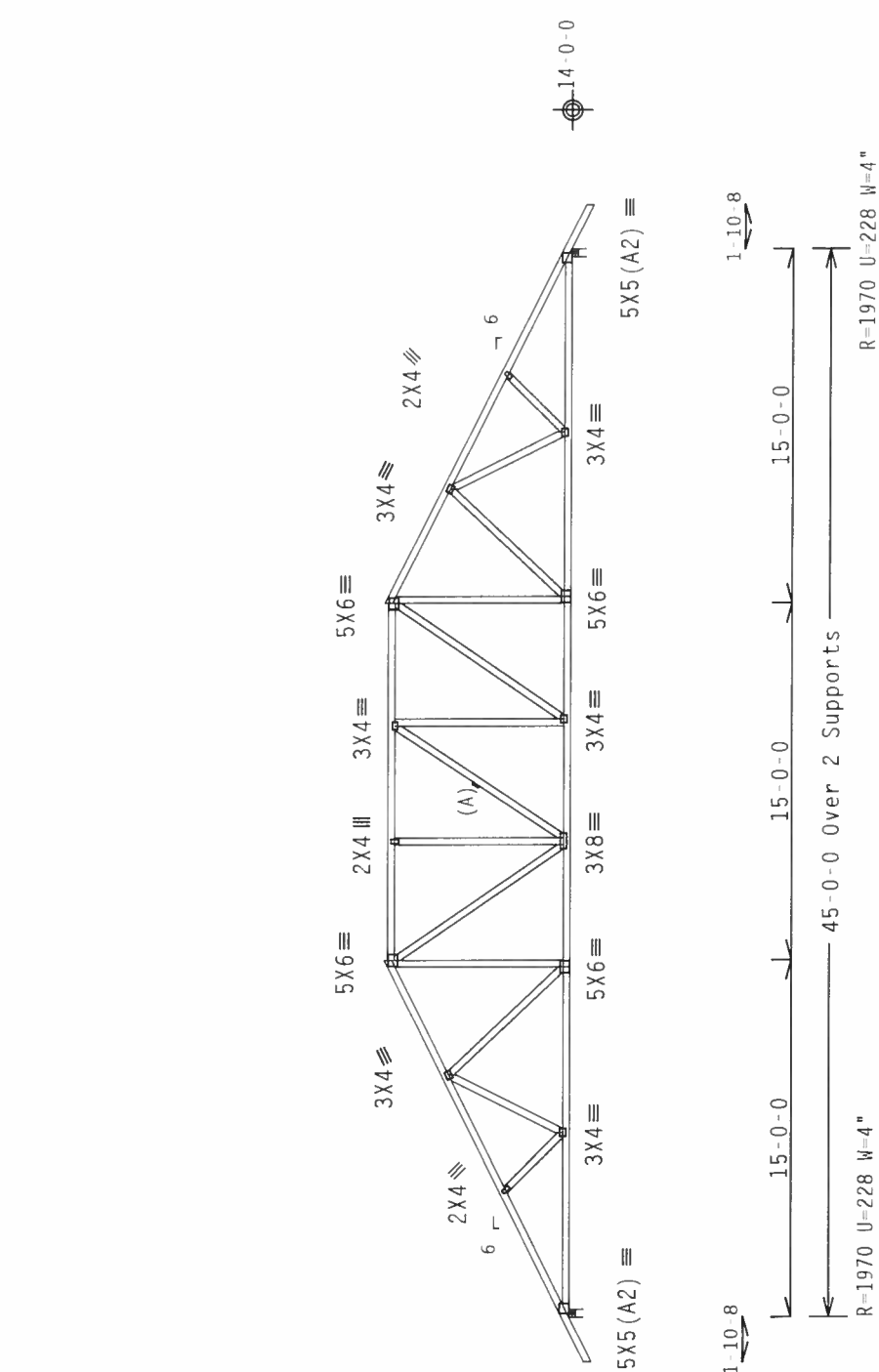
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

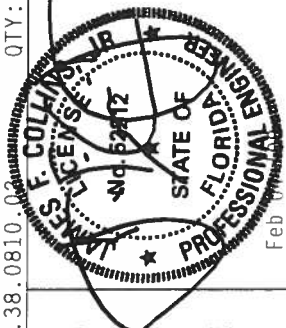
Wind reactions based on MWFRS pressures.

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

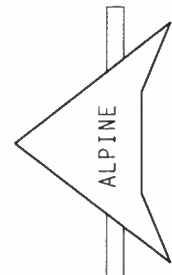
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

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

FL/-/5/-/-/R/-	Scale = .125"/Ft.	
TC LL	20.0 PSF	REF R215-- 99256
TC DL	10.0 PSF	DATE 02/04/08
BC DL	10.0 PSF	DRW HCUR215 08035014
BC LL	0.0 PSF	HC-ENG WHK/WHK *
TOT.LD.	40.0 PSF	SEQN- 216754
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF 1TEQ215 Z01



PLT TYP. Wave



Haines City, FL 33844
FL Certificate of Authorization #0278

110 mph wind, 17.13 ft mean hgt., ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP 8, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi (v)-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.



1810-1820 0TY:1

Scale = .125"/Ft.

[illegible]

TC LL	20.0 PSF	REF R215 - - 99257
TC DL	10.0 PSF	DATE 02/04/08

Haines City, FL 33844
FL Certificate of Authorization #

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

Top	Chord	Bot	Chord	Top	Chord	Bot	Chord
2x4	2x4	2x4	2x4	2x4	2x4	2x4	2x4
SP	SP	SP	SP	SP	SP	SP	SP
#2	#2	#2	#2	#2	#2	#2	#2

110 mph wind, 16.96 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.

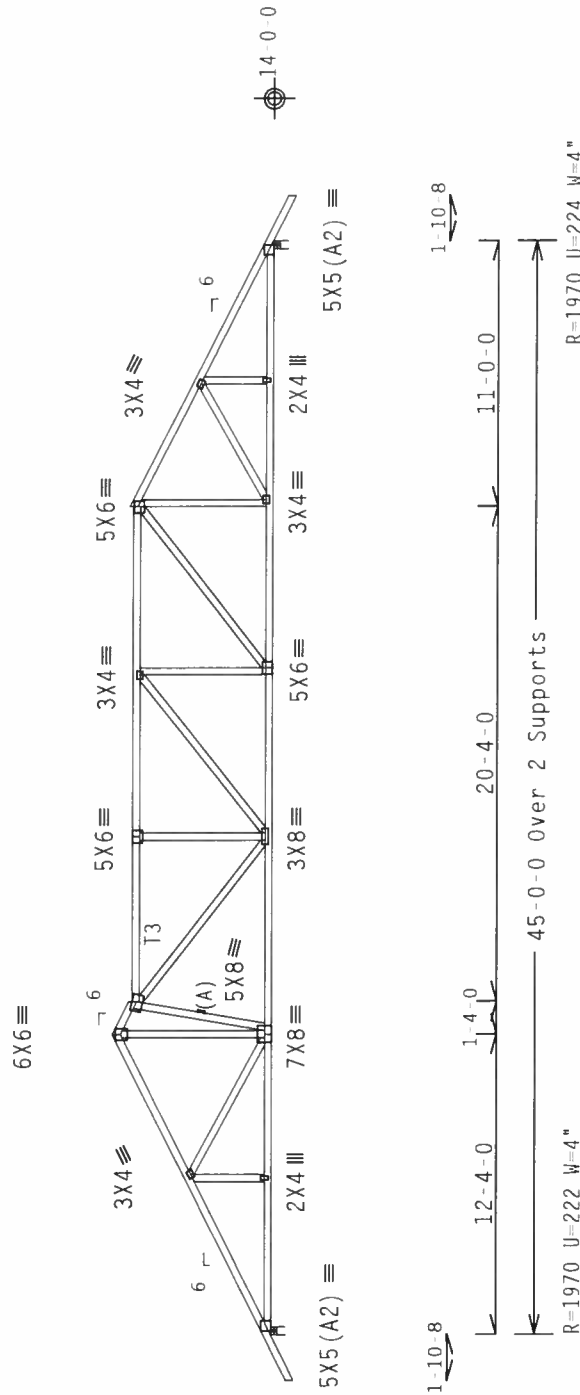
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

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

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

QTY: 1

F11-151-1-1R/-

Scale = 125"/Ft

Scale = .125" / Ft.
REF R215-- 99258

DATE 02/04/08

DATE RECEIVED 08/01/00

01063080 FTZYC02H NYD

HLC-ENG WHK/WHK

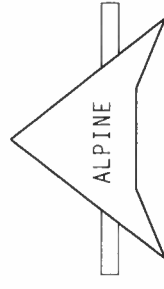
SEQN- 216746

FROM CDM

JREF 1TEQ215 Z01

****WARNING**** BRISSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (TROSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND AISC (4000 TROSS COUNCIL OF AMERICA, 6300 WORTHEN 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. IF BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE SPECIFICATIONS, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

[illegible]

Haines City, FL 33844

Haines City, FL 33844
FL Certificate of Authorization #0278

(5119 /LAGONI /EDGELY CONSTRUCTION LAKE CITY, FL A55)

Top chord 2x4 SP #2 N :T3 2x6 SP #2 N :T4 2x6 SP #2 Dense:
Bot chord 2x6 SP #2 N :B2 2x6 SP #2 Dense :B3 2x6 SP SS:
Webs 2x4 SP #2 N :Rt Wedge 2x4 SP #2 N:

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
IC - From 62 PLF at 1.88 to 62 PLF at 12.33
TC - From 62 PLF at 12.33 to 62 PLF at 17.67
IC - From 62 PLF at 17.67 to 62 PLF at 38.00
TC - From 62 PLF at 38.00 to 62 PLF at 46.88
BC - From 20 PLF at 0.00 to 20 PLF at 45.00
TC - 184 LB Conc. Load at 25.94, 27.94, 29.94, 31.94, 33.94
35.94, 37.94
BC - 2161 LB Conc. Load at 24.46
BC - 79 LB Conc. Load at 25.94, 27.94, 29.94, 31.94, 33.94
35.94
BC - 517 LB Conc. Load at 38.00

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

Calculated vertical deflection is 0.62" due to live load and 0.63" due to dead load at X = 24'-7-1".

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

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.
110 mph wind, 16.96 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

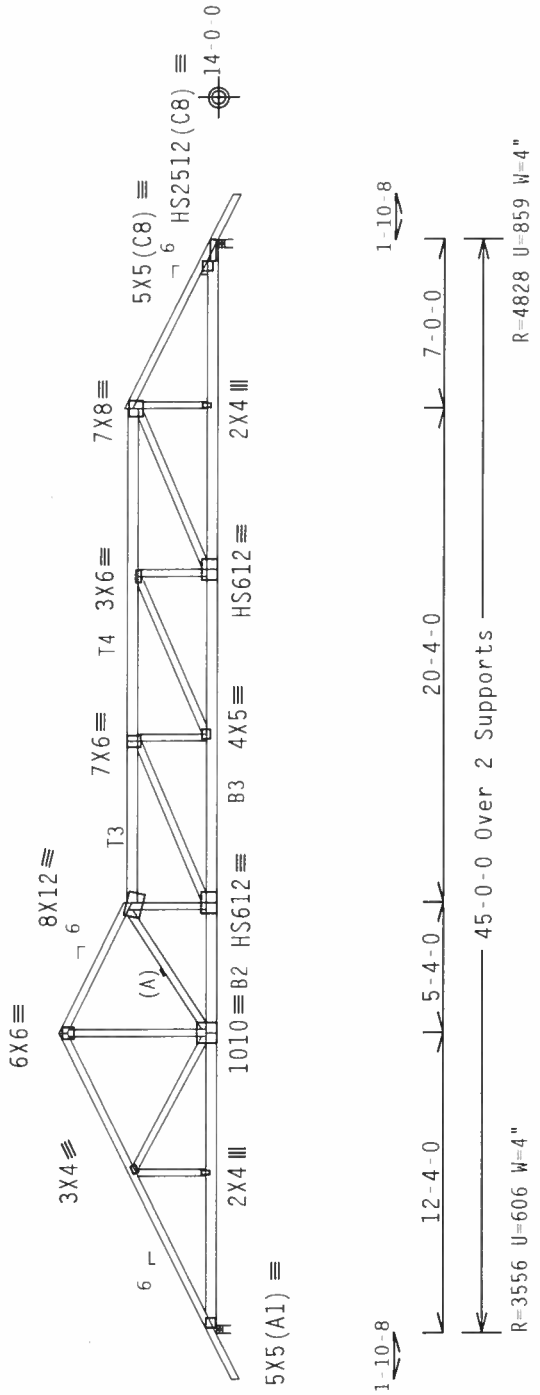
Wind reactions based on MWFRS pressures.

Calculated horizontal deflection is 0.17" due to live load and 0.17" due to dead load.

(A) Continuous lateral bracing equally spaced on member.

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

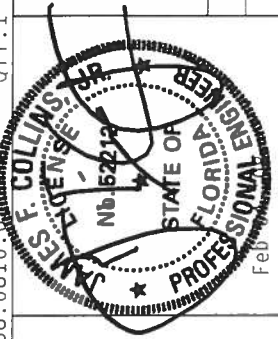
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.



PLT TYP. 20 Gauge HS, Wave
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.38.0810.02 QTY:1 FL/-5/-/-R/- Scale =.125"/Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 HUNTERFORD LANE, ANDISON, VA, 22026) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE SPECIFIED, ALL TRUSSES SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. TPI BCG, INC. SHALL NOT BE RESPONSIBLE FOR THE TRUSS OR THE TRUSS IN CONFORMANCE WITH THE DESIGN. THE TRUSS IS THE PROPERTY OF TPI BCG, INC. AND SHALL REMAIN THE PROPERTY OF TPI BCG, INC. AFTER THE TRUSS IS DELIVERED TO THE INSTALLATION CONTRACTOR. THE TRUSS IS THE PROPERTY OF TPI BCG, INC. AND SHALL REMAIN THE PROPERTY OF TPI BCG, INC. AFTER THE TRUSS IS DELIVERED TO THE INSTALLATION CONTRACTOR. THE TRUSS IS THE PROPERTY OF TPI BCG, INC. AND SHALL REMAIN THE PROPERTY OF TPI BCG, INC. AFTER THE TRUSS IS DELIVERED TO THE INSTALLATION CONTRACTOR.



ALPINE

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

1110 mph wind, 16.96 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

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

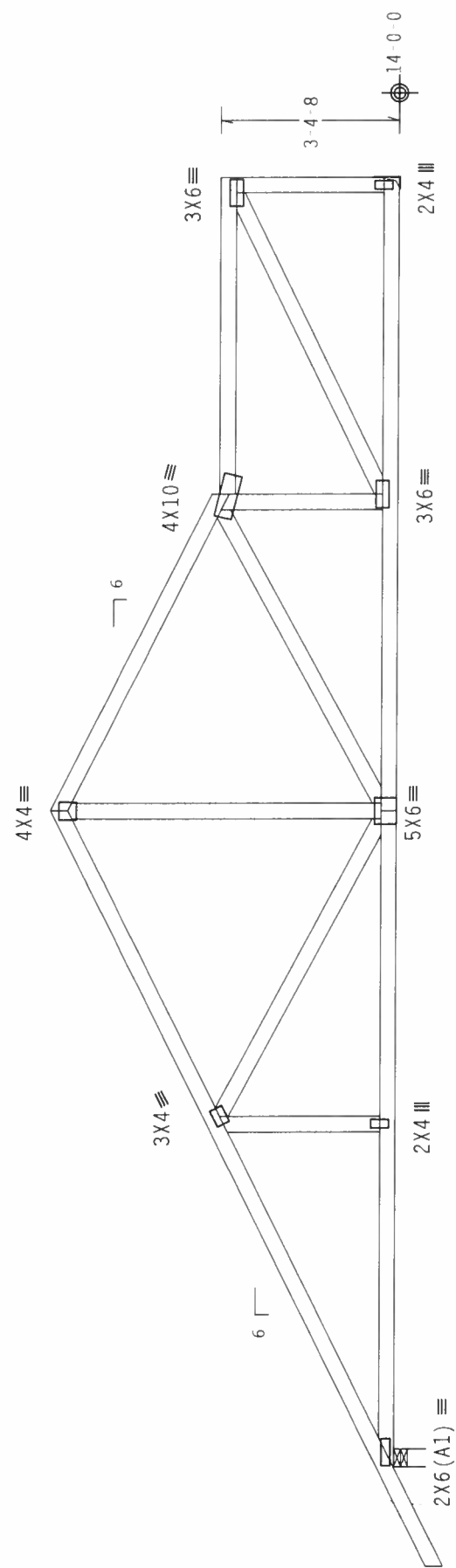
Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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 6-6-3.



R=1130 U=142 W=4"

0
0
-
5
2
2
5
0
1
-
0
0
0
0
-
-
4

R=991 U=128 H=Simpson LU26
w/ (4) 10d, 0.148"x1.5" nai
w/ (6) 16d, 0.162"x2.5" nai
Girder is (2)2X6 min. So.Pi

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

PI-2002(SID)/FBC
Cq/RT=1.00(1.25)/0(0) 7.38.0810.02

Scale = .3125"/Ft.

QTY:1

Quinn

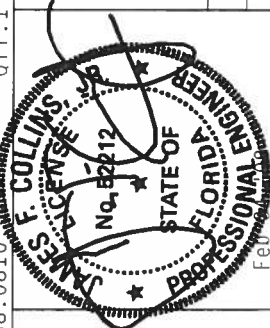
7

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

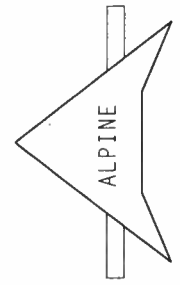
Design Crit:

PLT TYP. Wave

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING REFER TO BCSI'S BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22304) AND AIA (WOOD TRUSS COUNCIL OF AMERICA, 6300 LUTHERFORD 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 MEMBER ATTACHED RIGID CHORD SHALL.

[illegible]

TC LL	20.0 PSF	REF	R215-- 99261
TC DL	10.0 PSF	DATE	02/04/08
BC DL	10.0 PSF	DRW	HCUSR215 08035029
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	40.0 PSF	SEQN-	216721
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF	1TEQ215 Z01



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

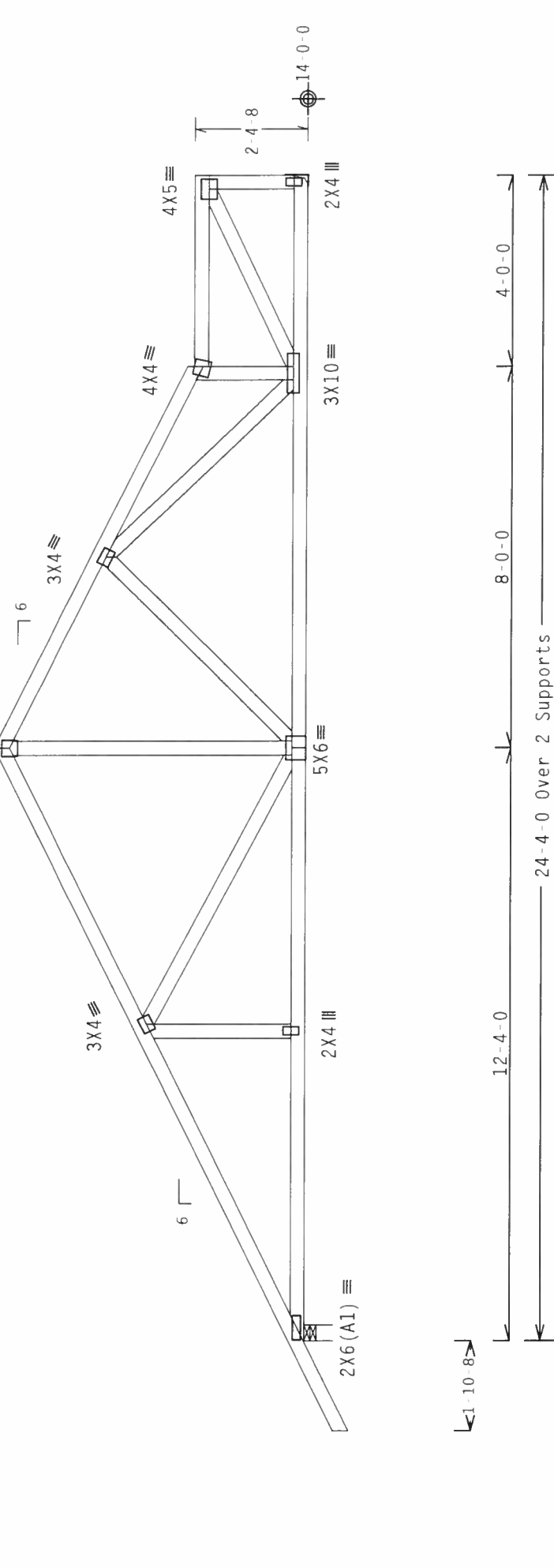
H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

Deflection meets L/240 live and L/180 total load.
The overall height of this truss excluding overhang is 6'-6-3".

110 mph wind, 16.96 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.

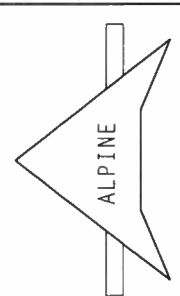
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.



R=991 U=123 H=Simpson LU26
w/ (4) 10d, 0.148"x1.5" nails in Truss
w/ (6) 16d, 0.162"x2.5" nails in Girder
Girder is (2)2X6 min. So.Pine

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.38.0818 2 COLLINS 7.38.0818 2 COLLINS

PLT TYP. Wave	QTY:1	FL/-5/-/R/-	Scale = .3125"/Ft.
	TC LL	20.0 PSF	REF R215-- 99262
	TC DL	10.0 PSF	DATE 02/04/08
	BC DL	10.0 PSF	DRW HCUSR215 08035030
	BC LL	0.0 PSF	HC-ENG WHK/WHK
	TOT.LD.	40.0 PSF	SEQN- 216716
	DUR.FAC.	1.25	FROM CDM
	SPACING	24.0"	JREF- 1TEQ215_Z01



Haines City, FL 33844
FL Certificate of Authorization # 0278