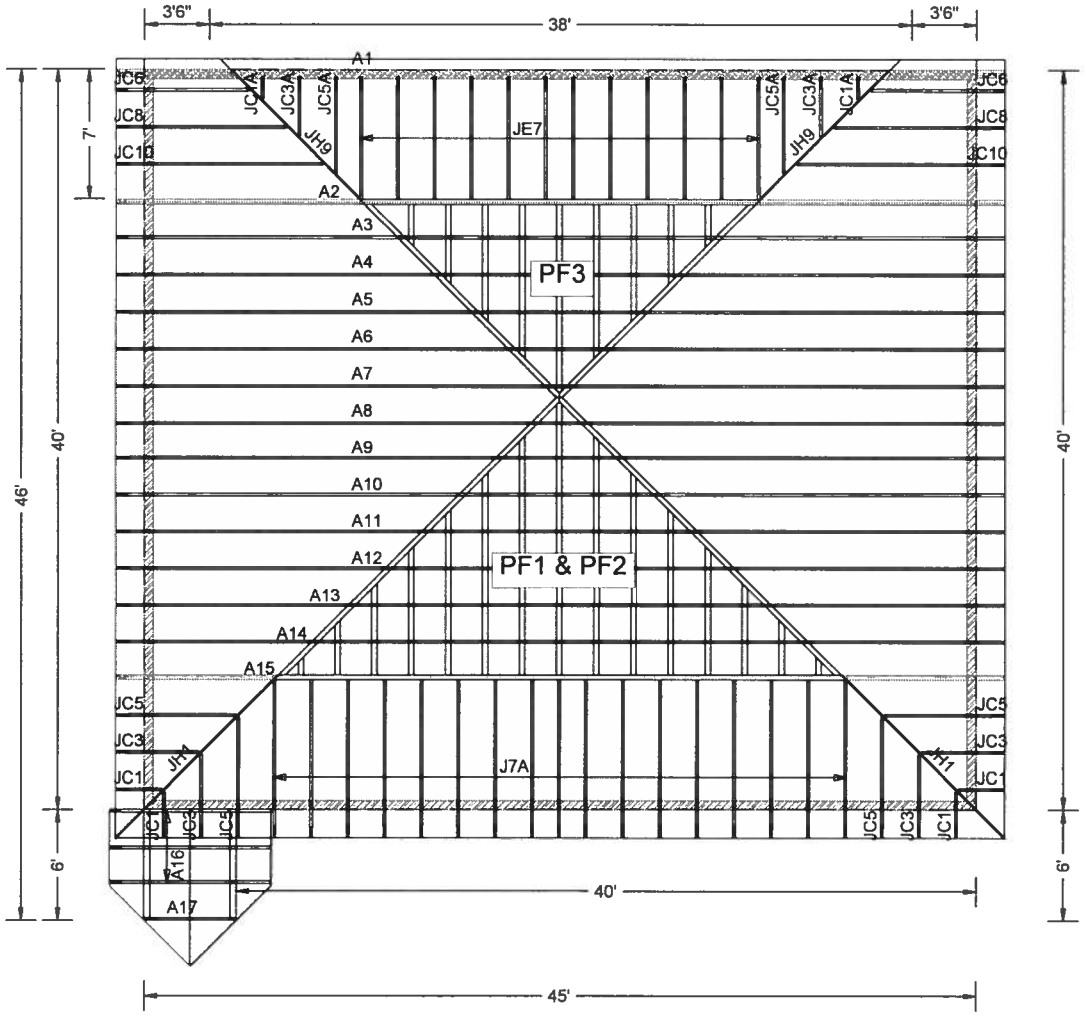
Received
11-21-08



W.B. Howland Truss Co.
P.O. Box 700
Live Oak, FL 32064
(386) 362-1235
(386) 362-7124 (fax)

ROOF PITCH:	6/12
CLG PITCH:	FLAT
OVERHANG:	1-10-8 PLUMB CUT
LOADING:	40 PSF T.L./SHINGLE
WIND LOAD:	110 MPH/ENCLOSED
EXT WALLS:	2x4 FRAMING
DATE:	12-14-07

REVISIONS: 11/7/08

(1) 1' HEEL HT ADDED
(2) HIP SET ADDED TO HANGER DOOR SIDE.
(3) O.H. REVISED TO 1' 6 1/2"

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

JOB NO:
5119H

PAGE NO:
1 OF 1

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
 Document ID:1TMK215-Z011209470I

Truss Fabricator:	W.B. Howland
Job Identification:	5119-/LAGONI /EDGELY CONSTRUCTION -- LAKE CITY, FL
Truss Count:	45
Model Code:	Florida Building Code
Truss Criteria:	ANSI/TPI-2002(STD)/FBC
Engineering Software:	Alpine Software,Version 7.38.
Structural Engineer of Record:	The identity of the structural EOR did not exist as of
Address:	the seal date per section 61G15-31.003(5a) of the FAC
Minimum Design Loads:	Roof - 40.0 PSF @ 1.25 Duration
	Floor - N/A
	Wind - 110 MPH ASCE 7-02 -Closed

Notes:

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

Seal Date: 11/12/2008

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

Details: BRCLBSUB-

#	Ref	Description	Drawing#	Date
1	36896	A1	08317001	11/12/08
2	36897	A2	08317013	11/12/08
3	36898	A3	08317001	11/12/08
4	36899	A4	08317024	11/12/08
5	36900	A5	08317002	11/12/08
6	36901	A6	08317006	11/12/08
7	36902	A7	08317002	11/12/08
8	36903	A7A	08317010	11/12/08
9	36904	A8	08317004	11/12/08
10	36905	A11	08317020	11/12/08
11	36906	A12	08317021	11/12/08
12	36907	A13	08317023	11/12/08
13	36908	A14	08317025	11/12/08
14	36909	A15	08317026	11/12/08
15	36910	A16	08317019	11/12/08
16	36911	A17	08317018	11/12/08
17	36912	A18	08317003	11/12/08
18	36913	A19	08317022	11/12/08
19	36914	A20	08317005	11/12/08
20	36915	A21	08317016	11/12/08
21	36916	A22	08317017	11/12/08
22	36917	A23	08317015	11/12/08
23	36918	A24	08317014	11/12/08
24	36919	A25	08317037	11/12/08
25	36920	A26	08317007	11/12/08
26	36921	A27	08317012	11/12/08
27	36922	A28	08317039	11/12/08
28	36923	A29	08317004	11/12/08
29	36924	A30	08317005	11/12/08
30	36925	JC1	08317041	11/12/08
31	36926	JC3	08317042	11/12/08
32	36927	JC5	08317011	11/12/08
33	36928	JEA	08317006	11/12/08
34	36929	JEB	08317028	11/12/08
35	36930	JEG	08317007	11/12/08
36	36931	JE5	08317040	11/12/08
37	36932	JE7	08317027	11/12/08
38	36933	JH7	08317008	11/12/08
39	36934	JH8	08317008	11/12/08
40	36935	JH9	08317029	11/12/08
41	36936	JH10	08317009	11/12/08
42	36937	PF1	08317003	11/12/08
43	36938	PF2	08317010	11/12/08
44	36939	PF3	08317038	11/12/08
45	36940	PF4	08317009	11/12/08

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

(A) Continuous lateral bracing equally spaced on member.

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

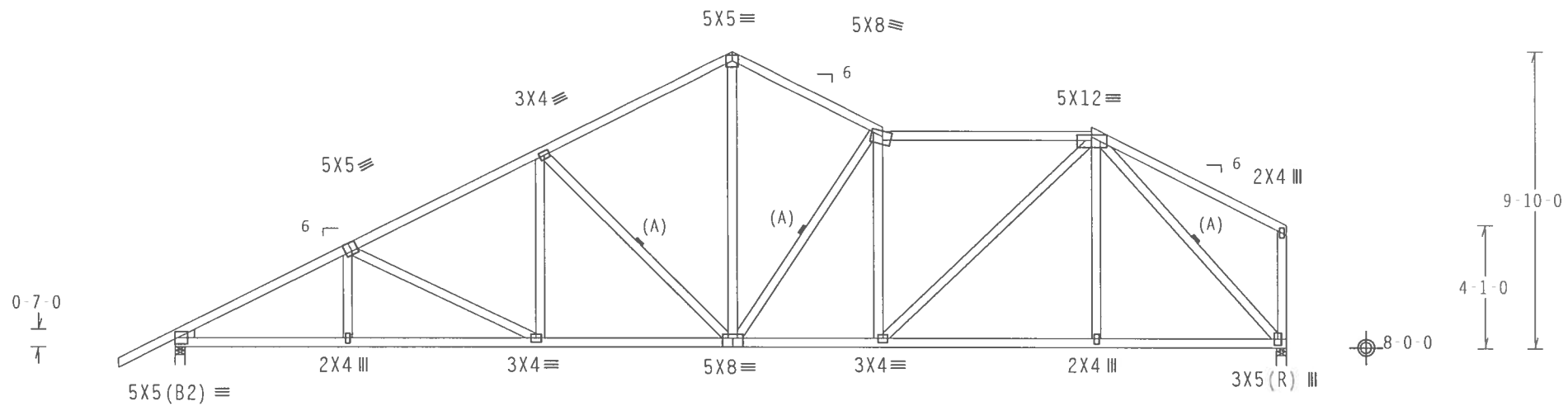
The overall height of this truss excluding overhang is 9-10-0.

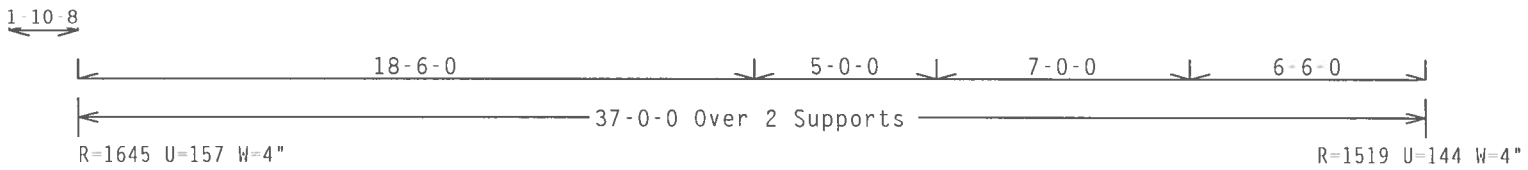
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/0(0) 7.38.00.0810T0 QTY:1 FL/-/5/-/-/R/- Scale =.1875"/Ft.

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

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

IMPORTANTFURNISH 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 20/18/16GA (H,H/SS/K) A51M A653 GRADE 40/60 (H, K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A3 OF TPII 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Nov

TC LL	20.0 PSF	REF	R215-- 36896
TC DL	10.0 PSF	DATE	11/12/08
BC DL	10.0 PSF	DRW	HCUSR215 08317001
BC LL	0.0 PSF	HC-ENG	WHK/WHK *
TOT.LD.	40.0 PSF	SEQN-	149555
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TMK215_Z01

(5119 /LAGONI /EDGELY CONSTRUCTION - LAKE CITY, FL - A2)

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

(A) Continuous lateral bracing equally spaced on member.

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

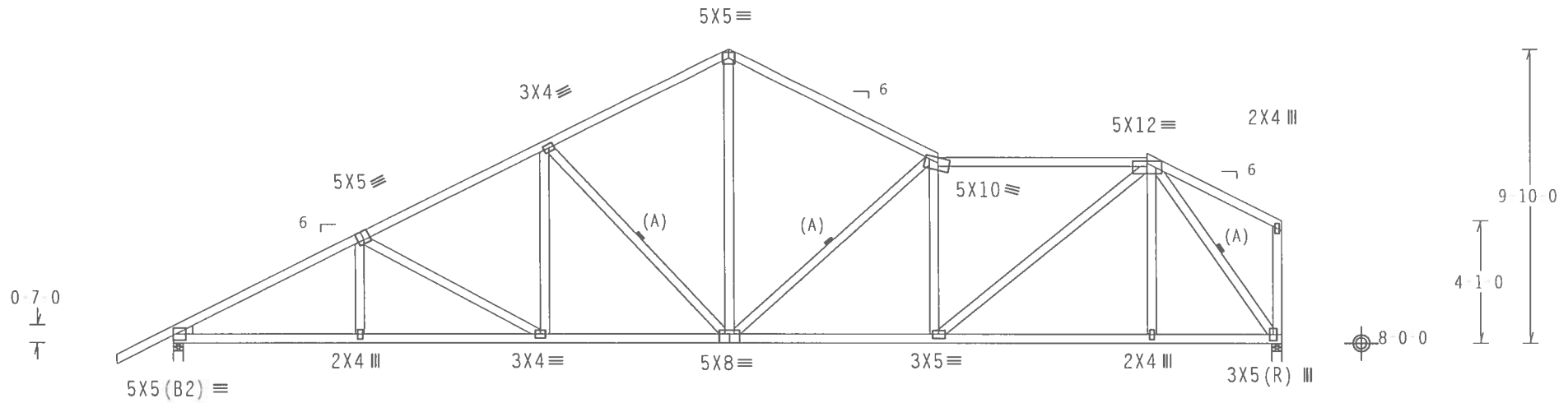
The overall height of this truss excluding overhang is 9 10 0.

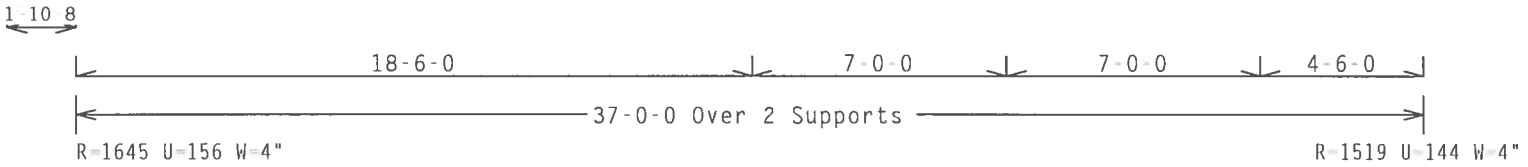
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL 5.0 psf, wind BC DL 5.0 psf. Iw 1.00 GCpi(+/-) 0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave | Cq/RT=1.00(1.25)/0(0) | 7.38.00 | QTY:1 | FL/-/5/-/-/R/- | Scale =.1875"/Ft.

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

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

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DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/SS/K) ASTM A653 GRADE 40/60 (W, K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A3 OF TPI1 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

JAMES E. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Nov 12 '08

TC LL	20.0 PSF	REF	R215-- 36897
TC DL	10.0 PSF	DATE	11/12/08
BC DL	10.0 PSF	DRW	HCUSR215 08317013
BC LL	0.0 PSF	HC-ENG	AK/WHK *
TOT.LD.	40.0 PSF	SEQN-	149549
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TMK215_Z01

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

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

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

Wind reactions based on MWFRS pressures.

#1 hip supports 6-9-0 jacks W/2 panel TC and no end vert.

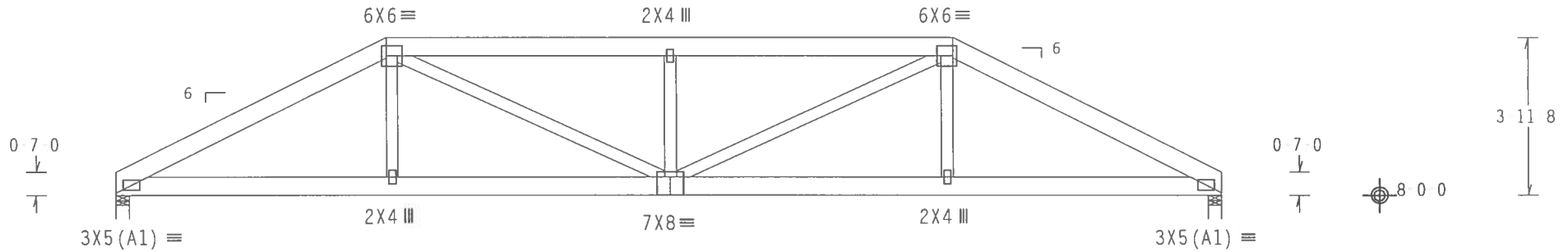
Deflection meets L/240 live and L/180 total load.

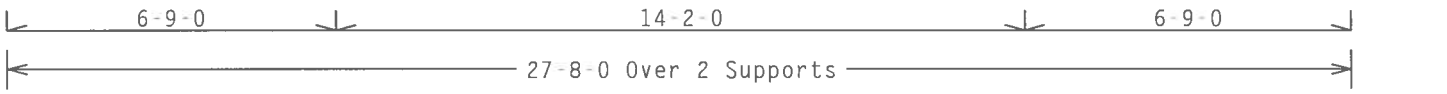
2 COMPLETE TRUSSES REQUIRED

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

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

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





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.00.0[illegible] QTY:1 FL/-/5/-/-/R/- Scale =.25"/Ft.

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

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JAMES COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Nov 12 '08

TC LL	20.0 PSF	REF	R215-- 36898
TC DL	10.0 PSF	DATE	11/12/08
BC DL	10.0 PSF	DRW	HCUSR215 08317001
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	40.0 PSF	SEQN-	149543
DUR.FAC.	1.25	FROM	CDM
SPACING	SEE ABOVE	JREF-	1TMK215_Z01

(5119 /LAGONI /EDGELY CONSTRUCTION -- LAKE CITY, FL - A4)

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, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

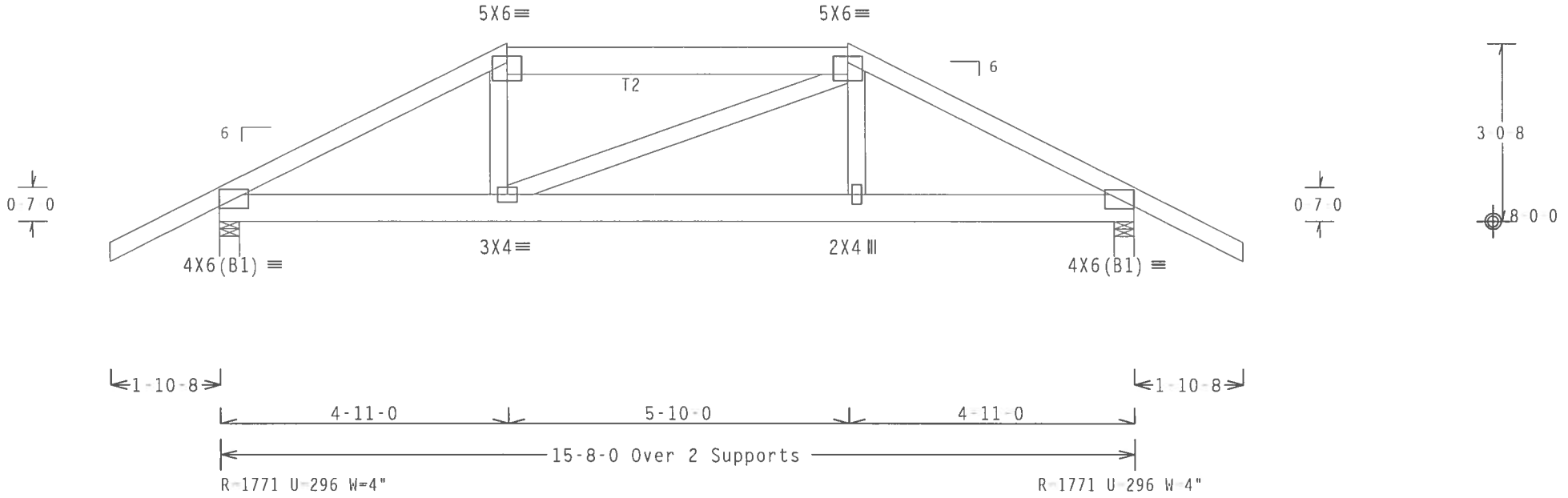
Wind reactions based on MWFRS pressures.

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

The overall height of this truss excluding overhang is 3-0-8.

SPECIAL LOADS
(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 62 PLF at 1.88 to 62 PLF at 5.00
TC - From 62 PLF at 5.00 to 62 PLF at 10.67
TC - From 62 PLF at 10.67 to 62 PLF at 17.54
BC - From 20 PLF at 0.00 to 20 PLF at 15.67
PLT 454 LB Conc. Load at (5.00,10.93), (10.67,10.93)
PLT 131 LB Conc. Load at (7.06,10.93), (8.60,10.93)
PLB 373 LB Conc. Load at (5.00,8.04), (10.67,8.04)
PLB 51 LB Conc. Load at (7.06,8.04), (8.60,8.04)

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.00 QTY:1 FL/-/5/-/-/R/- Scale =.375"/Ft.

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

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

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JAMES E. LOLLING JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Nov 12 '08

TC LL	20.0 PSF	REF	R215-- 36899
TC DL	10.0 PSF	DATE	11/12/08
BC DL	10.0 PSF	DRW	HCUSR215 08317024
BC LL	0.0 PSF	HC-ENG	AK/WHK
TOT.LD.	40.0 PSF	SEQN-	149906
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TMK215_Z01

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

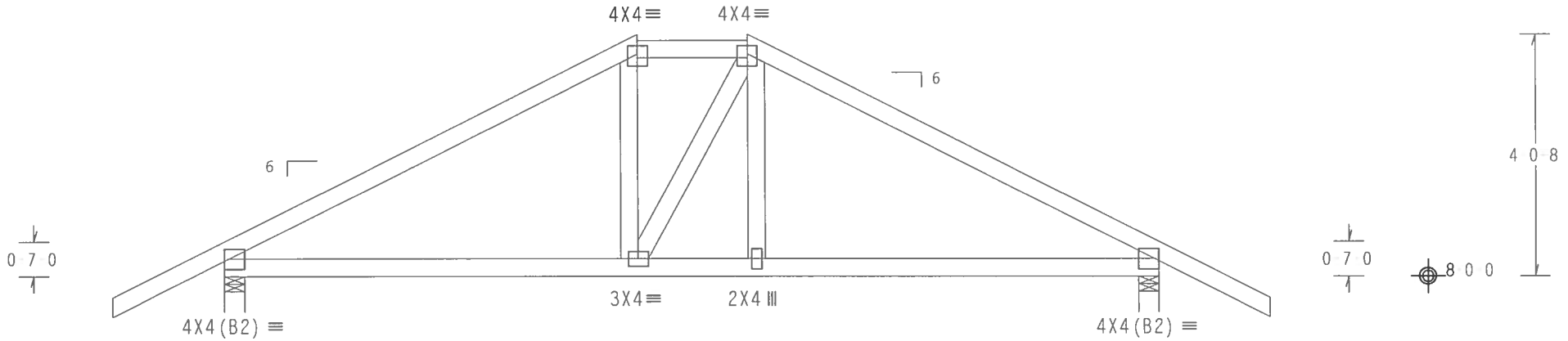
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

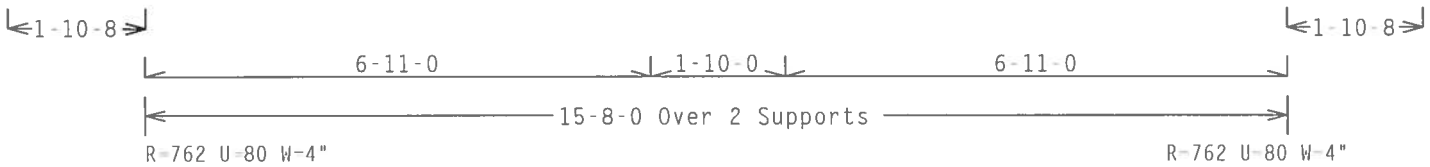
The overall height of this truss excluding overhang is 4-0-8.

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

Wind reactions based on MWFRS pressures.

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





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.00.08 QTY:1 FL/-/5/-/-/R/- Scale =.375"/Ft.

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

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JAMES R. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Nov 12

TC LL	20.0 PSF	REF	R215-- 36900
TC DL	10.0 PSF	DATE	11/12/08
BC DL	10.0 PSF	DRW	HCUSR215 08317002
BC LL	0.0 PSF	HC-ENG	WHK/WHK *
TOT.LD.	40.0 PSF	SEQN-	149366
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TMK215_Z01

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

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

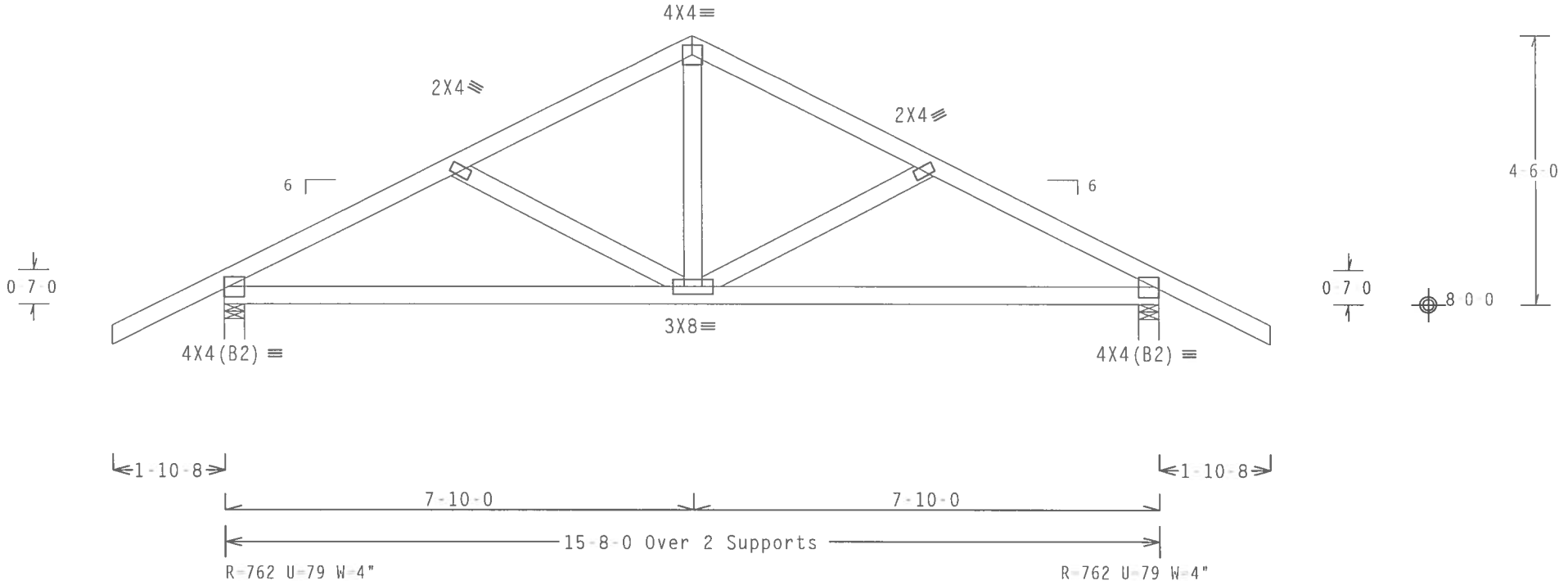
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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

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

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

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.00.0818 QTY:14 FL/-/5/-/-/R/- Scale =.375"/Ft.

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

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

IMPORTANTFURNISH 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 20/18/16GA (W,H/SS/K) ASTM A653 GRADE 40/60 (W, K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1 2002 SEC 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Nov 12 08

TC LL	20.0 PSF	REF	R215-- 36901
TC DL	10.0 PSF	DATE	11/12/08
BC DL	10.0 PSF	DRW	HCUSR215 08317006
BC LL	0.0 PSF	HC-ENG	AK/WHK *
TOT.LD.	40.0 PSF	SEQN-	149371
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TMK215_Z01

(5119 /LAGONI /EDGELY CONSTRUCTION -- LAKE CITY, FL -- A7)

Top chord 2x4 SP SS :T2 2x4 SP #2 N:
Bot chord 2x4 SP #2 N :B2 2x6 SP #2 N:
Webs 2x4 SP #2 N
:Lt Slider 2x6 SP #2 N: BLOCK LENGTH = 2.206'

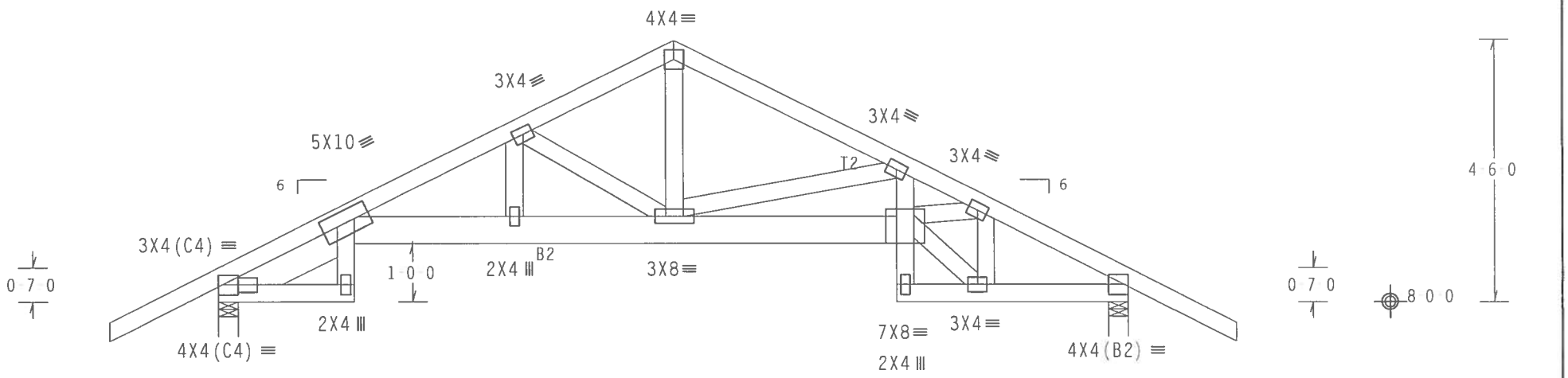
Calculated horizontal deflection is 0.22" due to live load and 0.21" due to dead load.

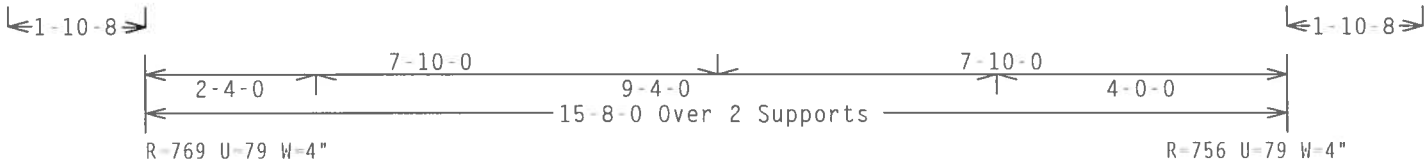
The overall height of this truss excluding overhang is 4-6-0.

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(i/)=0.18

Wind reactions based on MWFRS pressures.

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





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.00 QTY:4 FL/-/5/-/-/R/- Scale =.375"/Ft.

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

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

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JAMES F. LUKS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Nov 12 '08

TC LL	20.0 PSF	REF	R215-- 36902
TC DL	10.0 PSF	DATE	11/12/08
BC DL	10.0 PSF	DRW	HCUSR215 08317002
BC LL	0.0 PSF		HC-ENG AK/WHK
TOT.LD.	40.0 PSF	SEQN	149390
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF	1TMK215_Z01

Top chord 2x4 SP SS :T2 2x4 SP #2 N:
Bot chord 2x4 SP #2 N :B2 2x6 SP #2 N:
Webs 2x4 SP #2 N
:Lt Slider 2x6 SP #2 N: BLOCK LENGTH = 2.206'

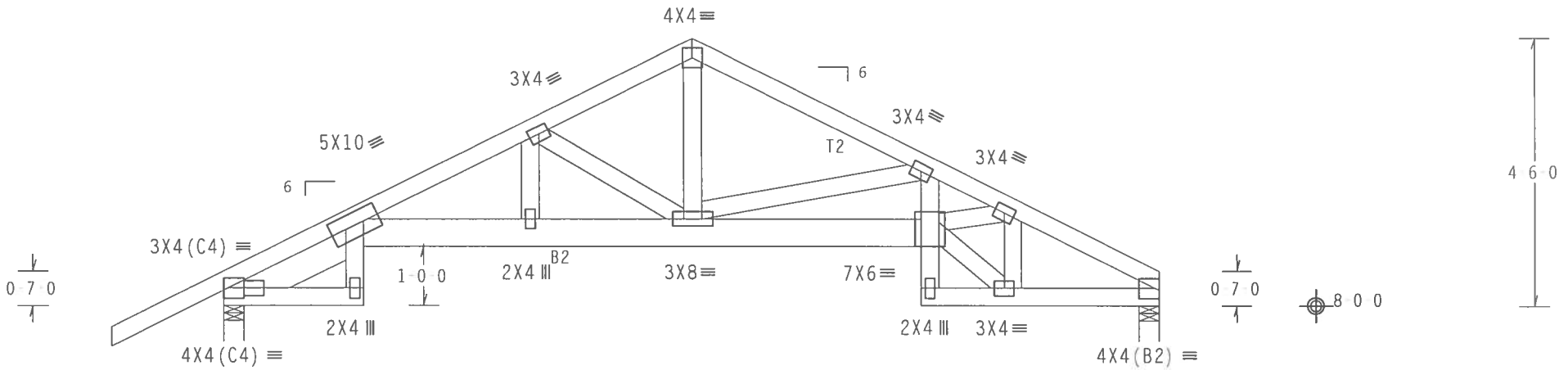
Calculated horizontal deflection is 0.21" due to live load and 0.21" due to dead load.

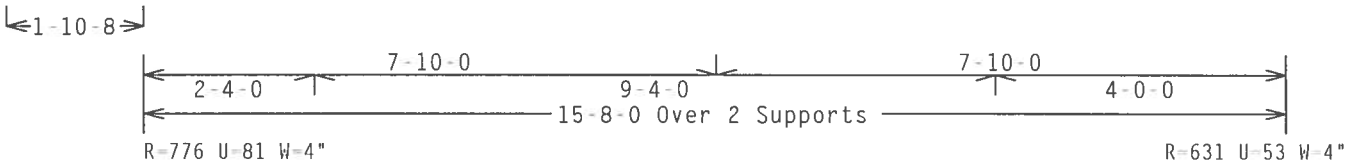
The overall height of this truss excluding overhang is 4 6 0.

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

Wind reactions based on MWFRS pressures.

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





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.00.08 QTY:1 FL/-/5/-/-/R/- Scale =.375"/Ft.

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

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JAMES F. COKINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Nov

TC LL	20.0 PSF	REF	R215-- 36903
TC DL	10.0 PSF	DATE	11/12/08
BC DL	10.0 PSF	DRW	HCUSR215 08317010
BC LL	0.0 PSF		HC-ENG AK/WHK
TOT.LD.	40.0 PSF	SEQN-	149395
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF	1TMK215 Z01

(5119 /LAGONI /EDGELY CONSTRUCTION -- LAKE CITY, FL - A8)

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

Top chord 2x6 SP SS :T2 2x6 SP #2 N:
Bot chord 2x6 SP #2 N :B2 2x6 SP SS:
Webs 2x4 SP #2 N :W1 2x6 SP #2 N:

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 62 PLF at -1.87 to 62 PLF at 7.83
TC - From 62 PLF at 7.83 to 62 PLF at 15.67
BC - From 20 PLF at 0.00 to 20 PLF at 2.33
BC - From 20 PLF at 2.33 to 20 PLF at 11.67
BC - From 20 PLF at 11.67 to 20 PLF at 15.67
BC - 3822 LB Conc. Load at 7.13
BC - 1524 LB Conc. Load at 9.06, 11.06, 13.06
BC - 1525 LB Conc. Load at 15.06

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

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

+ 12-(.162"x3.5")16d COMMON NAILS OPPOSITE HANGER AFTER THE THIRD PLY IS ATTACHED. 6-(.162"x3.5")16d COMMON NAILS OPPOSITE HANGER AFTER THE FOURTH PLY IS ATTACHED.

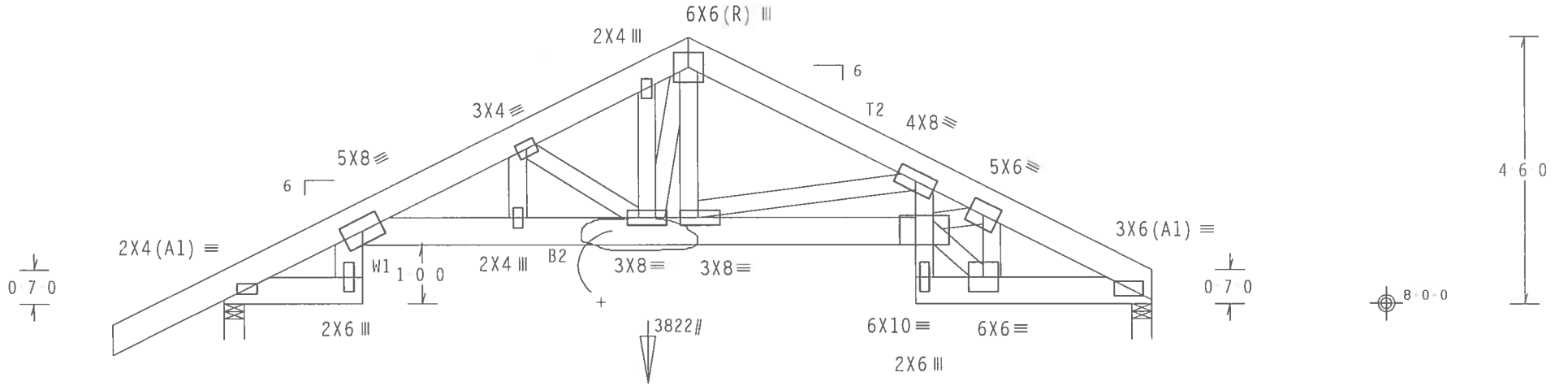
4 COMPLETE TRUSSES REQUIRED

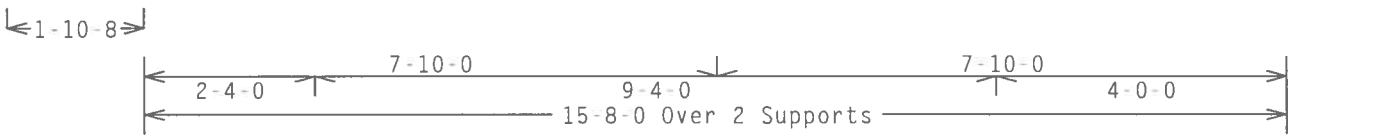
Nailing Schedule: (0.131"x3"_Gun_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 2 Rows @ 5.00" o.c. (Each Row)
Webs : 1 Row @ 4" o.c.
Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting.
In addition apply (1) 1/2" bolt at each joint location.

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

Wind reactions based on MWFRS pressures.

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





Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.00.78 QTY:1 FL/-/5/-/-/R/- Scale =.375"/Ft.

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

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JAMES K. DOLLAS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Nov 12 08

TC LL	20.0 PSF	REF	R215-- 36904
TC DL	10.0 PSF	DATE	11/12/08
BC DL	10.0 PSF	DRW	HCUSR215 08317004
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	40.0 PSF	SEQN-	149710
DUR.FAC.	1.25	FROM	CDM
SPACING	SEE ABOVE	JREF-	1TMK215_Z01

(5119 /LAGONI /EDGELY CONSTRUCTION LAKE CITY, FL A11)

THIS DRG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

Top chord 2x4 SP #2 N :T3 2x6 SP #2 N:
Bot chord 2x6 SP #2 N
Webs 2x4 SP #2 N

SPECIAL LOADS
(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC From 62 PLF at 1.88 to 62 PLF at 12.33
TC From 62 PLF at 12.33 to 62 PLF at 18.33
TC From 62 PLF at 18.33 to 62 PLF at 30.67
TC From 62 PLF at 30.67 to 62 PLF at 38.88
BC From 20 PLF at 0.00 to 20 PLF at 37.00
TC 88 LB Conc. Load at 24.79
TC 173 LB Conc. Load at 26.60, 28.60, 30.60
BC 1272 LB Conc. Load at 24.79
BC 68 LB Conc. Load at 26.60, 28.60
BC 404 LB Conc. Load at 30.67

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

2 COMPLETE TRUSSES REQUIRED

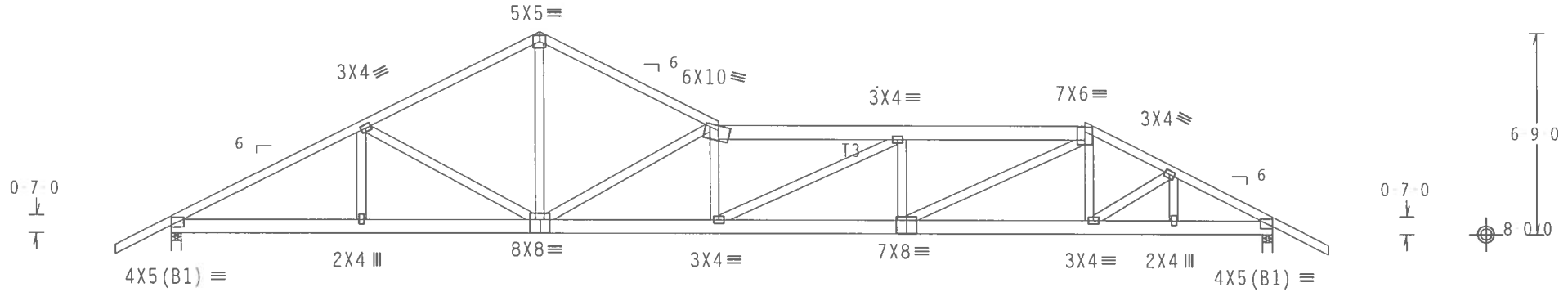
Nailing Schedule: (0.131"x3" Gun nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

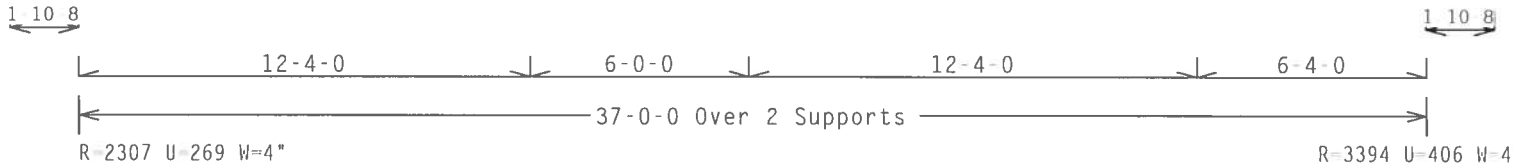
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

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





Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38 QTY:1 FL/-/5/-/-/R/- Scale =.1875"/Ft.

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Nov 12 08

TC LL	20.0 PSF	REF	R215-- 36905
TC DL	10.0 PSF	DATE	11/12/08
BC DL	10.0 PSF	DRW	HCUSR215 08317020
BC LL	0.0 PSF	HC ENG	AK/WHK
TOT.LD.	40.0 PSF	SEQN	149645
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF	1TMK215_Z01

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

(A) Continuous lateral bracing equally spaced on member.

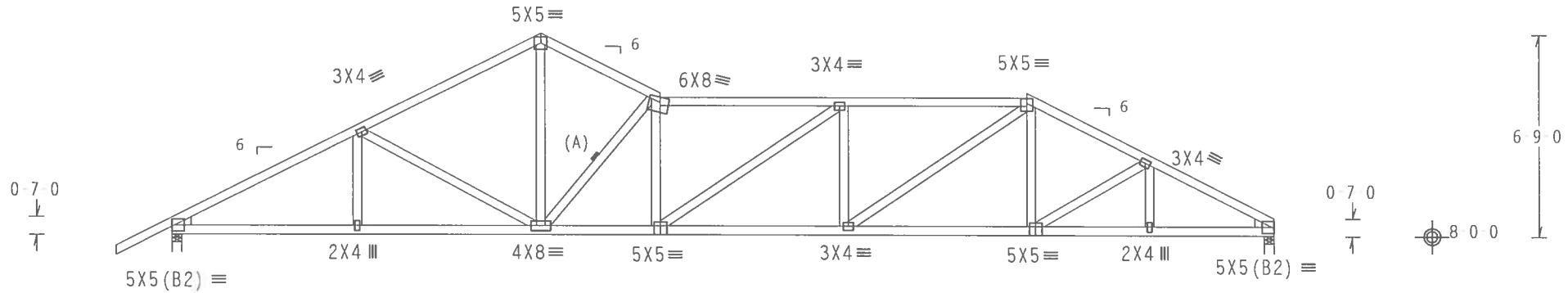
Deflection meets L/240 live and L/180 total load.

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

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

Wind reactions based on MWFRS pressures.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.00 08 QTY:1 FL/-/5/-/-/R/- Scale =.1875"/Ft.

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

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

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JAMES E. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Nov 12 08

TC LL	20.0 PSF	REF	R215-- 36906
TC DL	10.0 PSF	DATE	11/12/08
BC DL	10.0 PSF	DRW	HCUSR215 08317021
BC LL	0.0 PSF	HC-ENG	AK/WHK *
TOT.LD.	40.0 PSF	SEQN-	149652
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TMK215_Z01

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

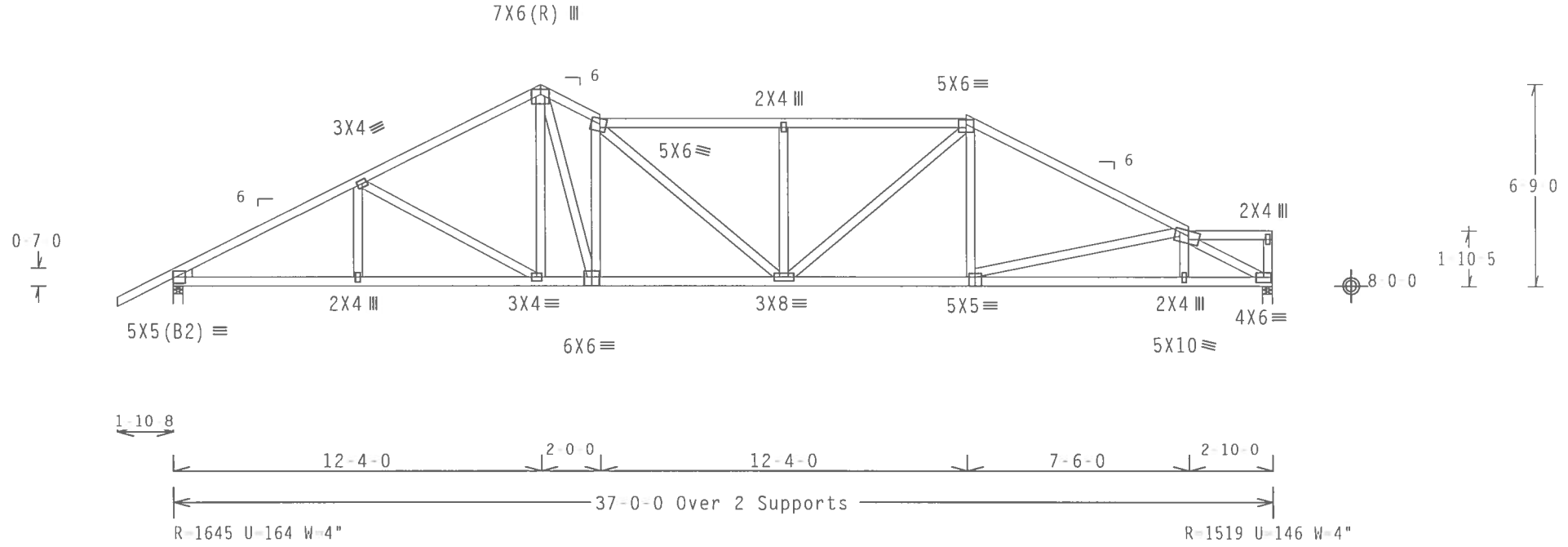
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

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

Wind reactions based on MWFRS pressures.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.00 QTY:1 FL/-/5/-/-/R/- Scale =.1875"/Ft.

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

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Nov 12 08

TC LL	20.0 PSF	REF	R215-- 36907
TC DL	10.0 PSF	DATE	11/12/08
BC DL	10.0 PSF	DRW	HCUSR215 08317023
BC LL	0.0 PSF	HC-ENG	AK/WHK *
TOT.LD.	40.0 PSF	SEQN-	149658
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TMK215_Z01

(5119 /LAGONI /EDGELY CONSTRUCTION - LAKE CITY, FL - A14)

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

(A) Continuous lateral bracing equally spaced on member.

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

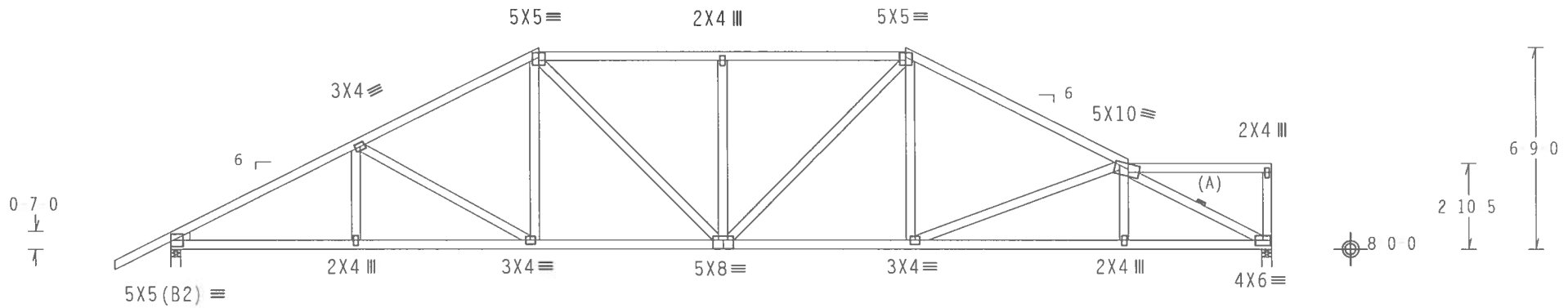
The overall height of this truss excluding overhang is 6 9 0.

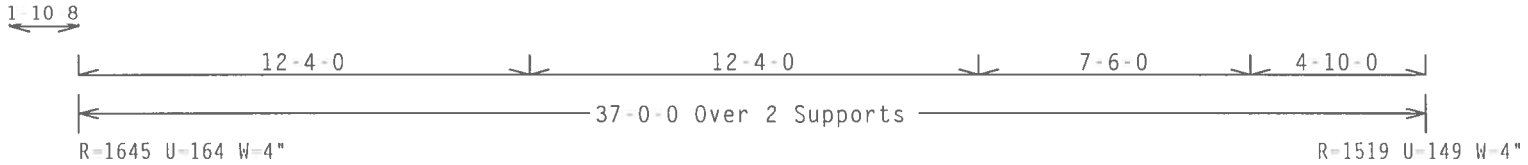
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-) 0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave | Cq/RT=1.00(1.25)/0(0) | 7.38.00 | QTY:1 | FL/-/5/-/-/R/- | Scale =.1875"/Ft.

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

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JAMES F. COLMAN JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Nov

TC LL	20.0 PSF	REF	R215-- 36908
TC DL	10.0 PSF	DATE	11/12/08
BC DL	10.0 PSF	DRW	HCUSR215 08317025
BC LL	0.0 PSF	HC-ENG	AK/WHK *
TOT.LD.	40.0 PSF	SEQN	149590
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF	1TMK215_Z01

(5119 /LAGONI /EDGELY CONSTRUCTION -- LAKE CITY, FL - A15)

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

(A) Continuous lateral bracing equally spaced on member.

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

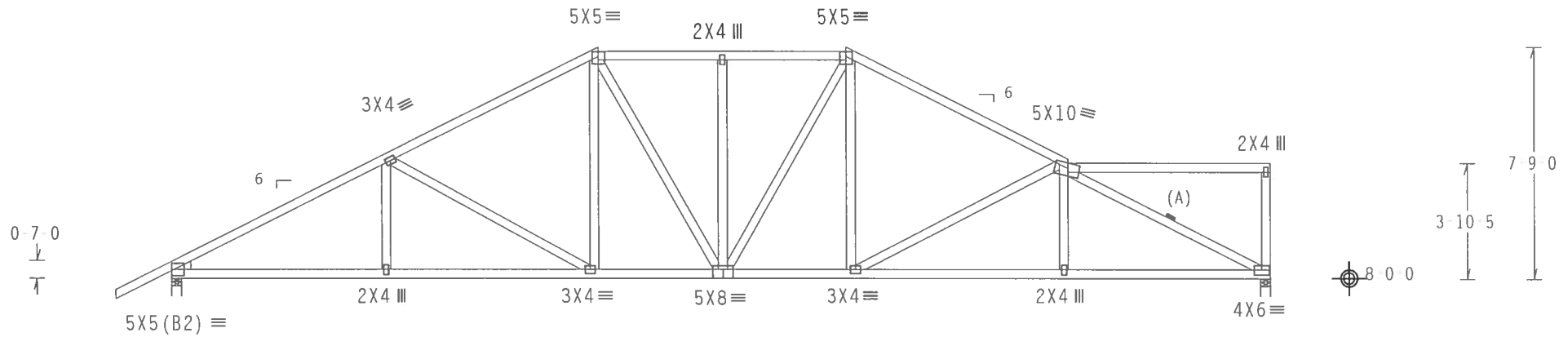
The overall height of this truss excluding overhang is 7 9 0.

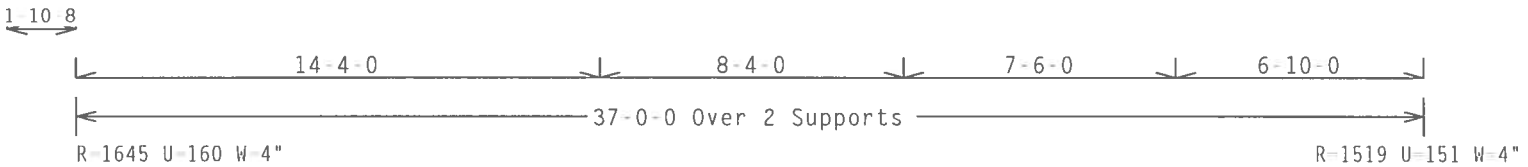
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-) 0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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





Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave
Cq/RT=1.00(1.25)/0(0) 7.38.00 QTY:1 FL/-/5/-/-/R/- Scale =.1875"/Ft.

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

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JAMES H. COLLINS, JR. PE LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Nov 12 '08

TC LL	20.0 PSF	REF	R215-- 36909
TC DL	10.0 PSF	DATE	11/12/08
BC DL	10.0 PSF	DRW	HCUSR215 08317026
BC LL	0.0 PSF	HC-ENG	AK/WHK *
TOT.LD.	40.0 PSF	SEQN	149583
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF	1TMK215_Z01

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

(A) Continuous lateral bracing equally spaced on member.

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

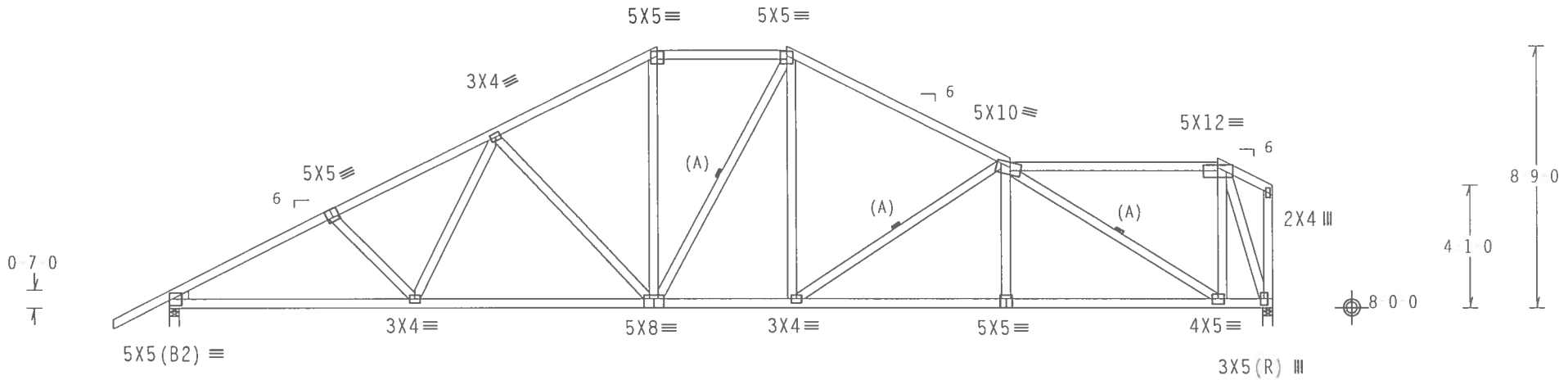
The overall height of this truss excluding overhang is 8-9-0.

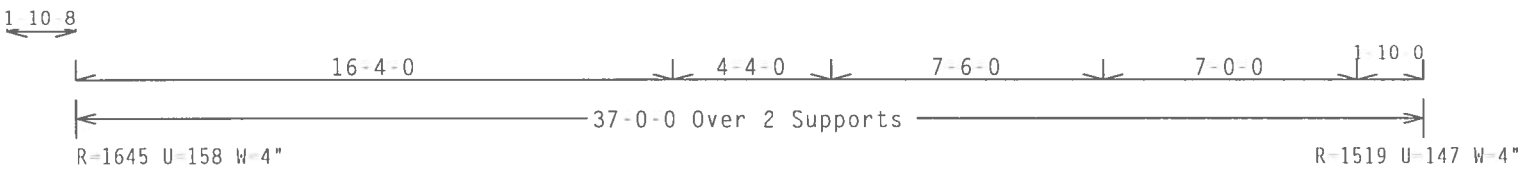
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave | Cq/RT=1.00(1.25)/0(0) | 7.38.00.08 | QTY:1 | FL/-/5/-/-/R/- | Scale =.1875"/Ft.

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

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AMES T. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Nov 12-08

TC LL	20.0 PSF	REF	R215-- 36910
TC DL	10.0 PSF	DATE	11/12/08
BC DL	10.0 PSF	DRW	HCUSR215 08317019
BC LL	0.0 PSF	HC-ENG	AK/WHK *
TOT.LD.	40.0 PSF	SEQN	149577
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF	1TMK215_Z01

(5119 /LAGONI /EDGELY CONSTRUCTION -- LAKE CITY, FL -- A17)

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

(A) Continuous lateral bracing equally spaced on member.

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

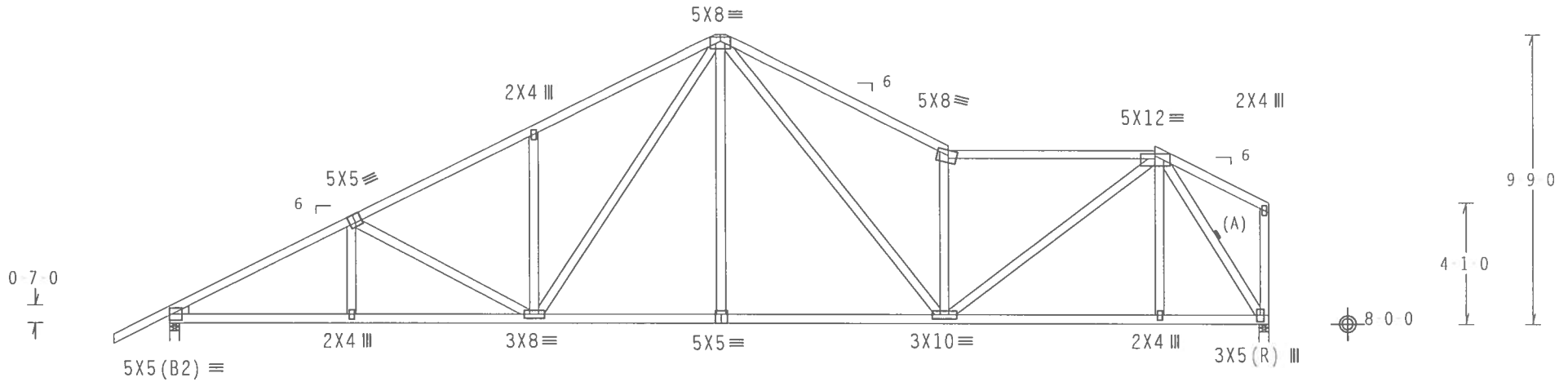
The overall height of this truss excluding overhang is 9-9-0.

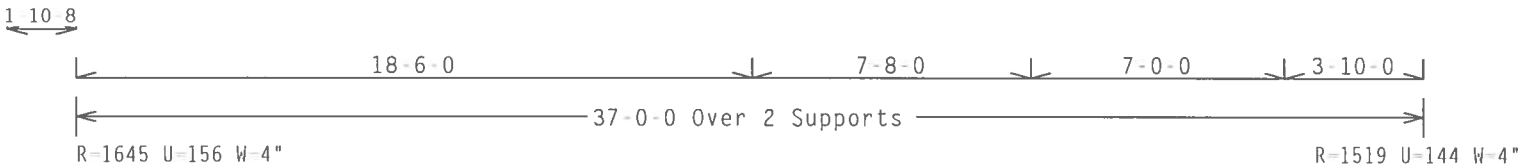
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.00 QTY:1 FL/-/5/-/-/R/- Scale =.1875"/Ft.

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

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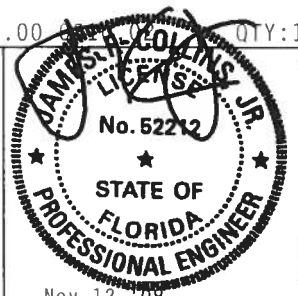


Nov 12 '08

TC LL	20.0 PSF	REF	R215-- 36911
TC DL	10.0 PSF	DATE	11/12/08
BC DL	10.0 PSF	DRW	HCUSR215 08317018
BC LL	0.0 PSF	HC-ENG	AK/WHK *
TOT.LD.	40.0 PSF	SEQN-	149571
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TMK215_Z01

(5119 /LAGONI /EDGELY CONSTRUCTION - LAKE CITY, FL - A18)

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

(A) Continuous lateral bracing equally spaced on member.

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

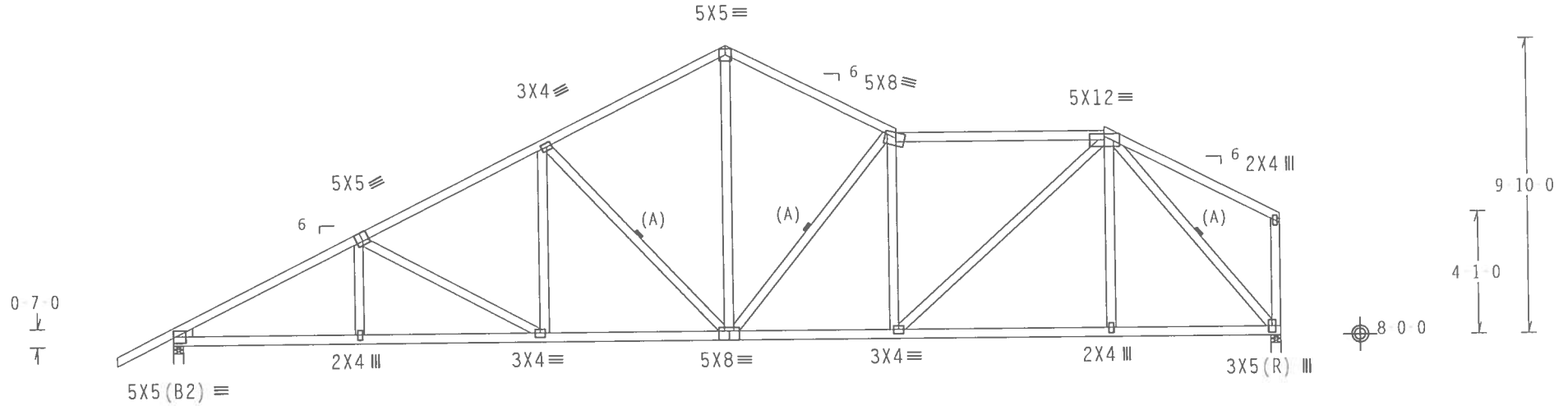
The overall height of this truss excluding overhang is 9-10-0.

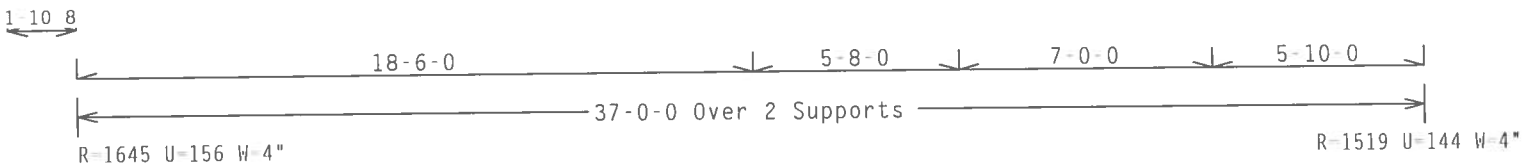
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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)

PLT TYP. Wave

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

TC LL	20.0 PSF	REF	R215-- 36912
TC DL	10.0 PSF	DATE	11/12/08
BC DL	10.0 PSF	DRW	HCUSR215 08317003
BC LL	0.0 PSF	HC-ENG	WHK/WHK *
TOT.LD.	40.0 PSF	SEQN-	149561
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TMK215_Z01

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

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Nov

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

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

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

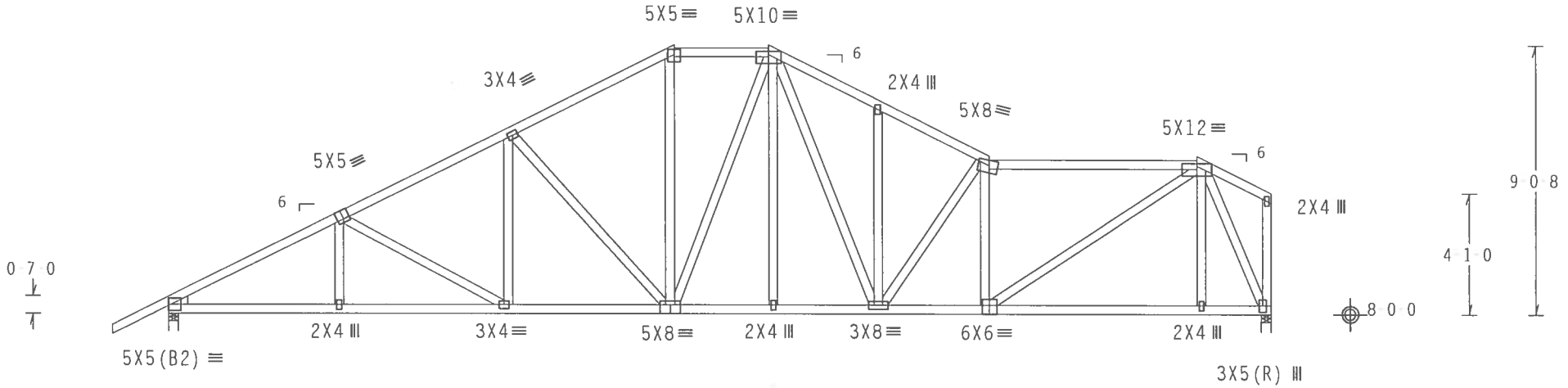
Deflection meets L/240 live and L/180 total load.

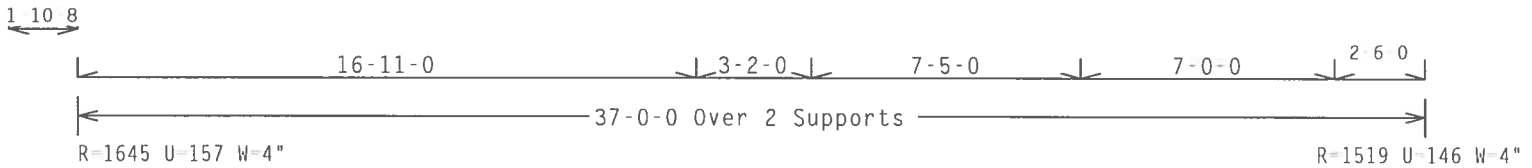
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw 1.00 GCpi(+/-) 0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

The overall height of this truss excluding overhang is 9 0 8.





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.00.1810.00 QTY:1 FL/-/5/-/-/R/- Scale =.1875"/Ft.

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

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

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Nov [illegible]

TC LL	20.0 PSF	REF	R215-- 36913
TC DL	10.0 PSF	DATE	11/12/08
BC DL	10.0 PSF	DRW	HCUSR215 08317022
BC LL	0.0 PSF	HC-ENG	AK/WHK *
TOT.LD.	40.0 PSF	SEQN-	149497
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TMK215_Z01

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N :W9 2x6 SP #2 N:
:Lt Wedge 2x4 SP #2 N:

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

The overall height of this truss excluding overhang is 8-0-8.

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

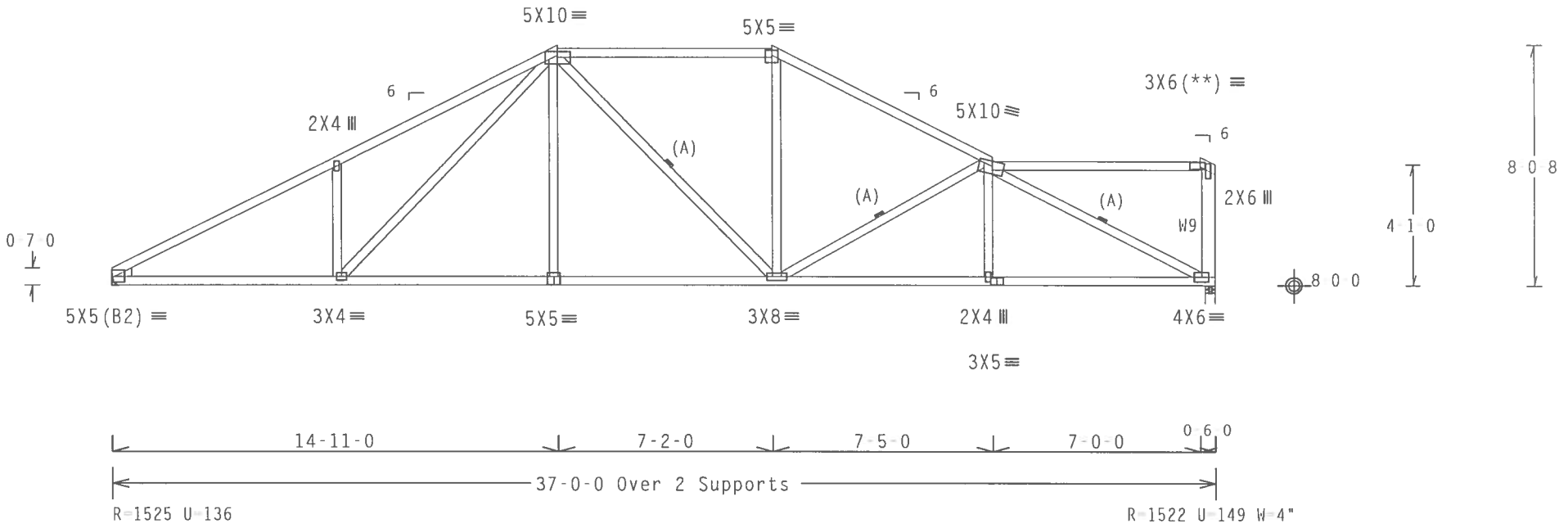
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.00.0810.0000 QTY:1 FL/-/5/-/-/R/- Scale =.1875"/Ft.

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Nov

TC LL	20.0 PSF	REF	R215-- 36914
TC DL	10.0 PSF	DATE	11/12/08
BC DL	10.0 PSF	DRW	HCUSR215 08317005
BC LL	0.0 PSF	HC-ENG	AK/WHK
TOT.LD.	40.0 PSF	SEQN-	149523
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TMK215_Z01

(5119 /LAGONI /EDGELY CONSTRUCTION -- LAKE CITY, FL -- A21)

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

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

Max JT VERT DEFL: LL: 0.15" DL: 0.16" recommended camber 1/4"

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

The overall height of this truss excluding overhang is 7-0-8.

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

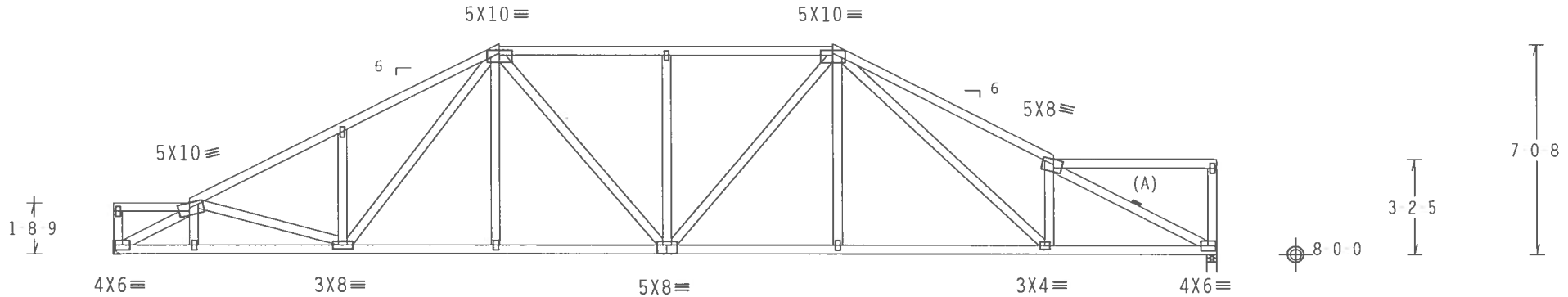
Wind reactions based on MWFRS pressures.

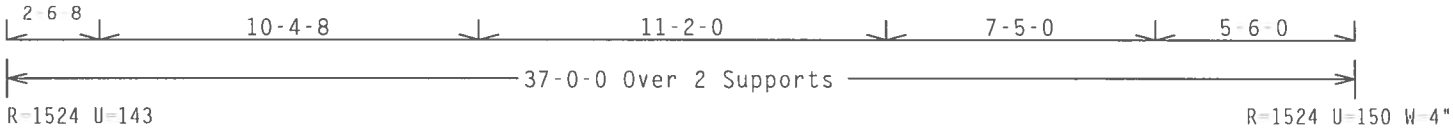
Right end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

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

Provide for complete drainage of roof.





Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.00 IRC2006 QTY:1 FL/-/5/-/-/R/- Scale =.1875"/Ft.

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

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JAMES T. CALLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Nov 12 '08

TC LL	20.0 PSF	REF	R215-- 36915
TC DL	10.0 PSF	DATE	11/12/08
BC DL	10.0 PSF	DRW	HCUSR215 08317016
BC LL	0.0 PSF	HC-ENG	AK/WHK
TOT.LD.	40.0 PSF	SEQN-	149516
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TMK215_Z01

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

Max JT VERT DEFL: LL: 0.17" DL: 0.18" recommended camber 1/4"

Provide for complete drainage of roof.

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

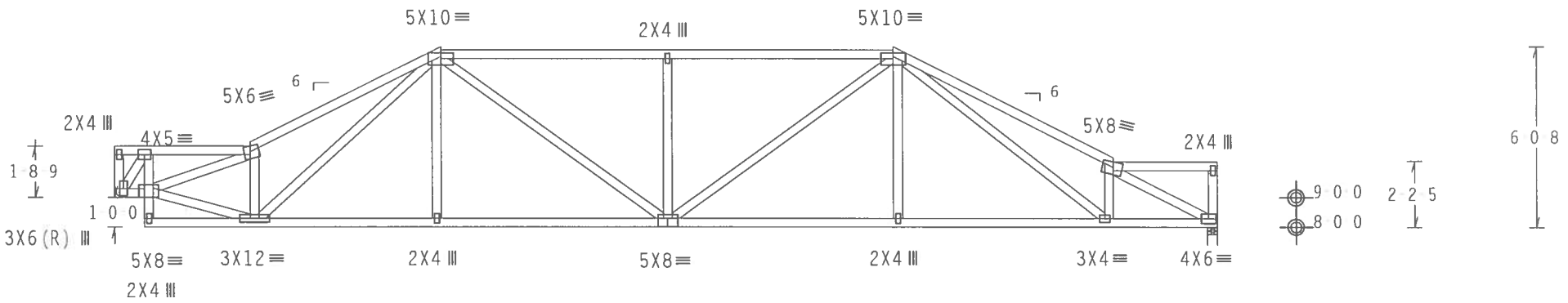
Wind reactions based on MWFRS pressures.

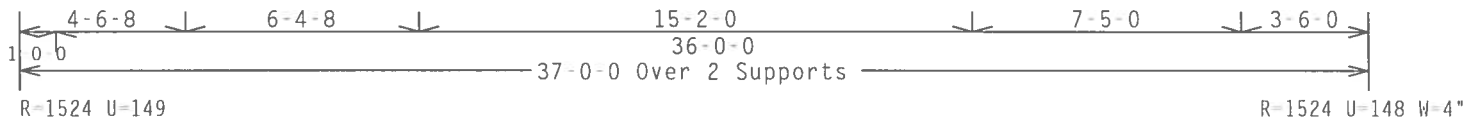
Right end vertical not exposed to wind pressure.

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 5 0 8.





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.00 QTY:1 FL/-/5/-/-/R/- Scale =.1875"/Ft.

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Nov 12 08

TC LL	20.0 PSF	REF	R215-- 36916
TC DL	10.0 PSF	DATE	11/12/08
BC DL	10.0 PSF	DRW	HCUSR215 08317017
BC LL	0.0 PSF	HC-ENG	AK/WHK
TOT.LD.	40.0 PSF	SEQN-	149510
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TMK215_Z01

(5119 /LAGONI /EDGELY CONSTRUCTION -- LAKE CITY, FL - A23)

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

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

Left end vertical not exposed to wind pressure.

Max JT VERT DEFL: LL: 0.20" DL: 0.21" recommended camber 3/8"

(A) Continuous lateral bracing equally spaced on member.

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

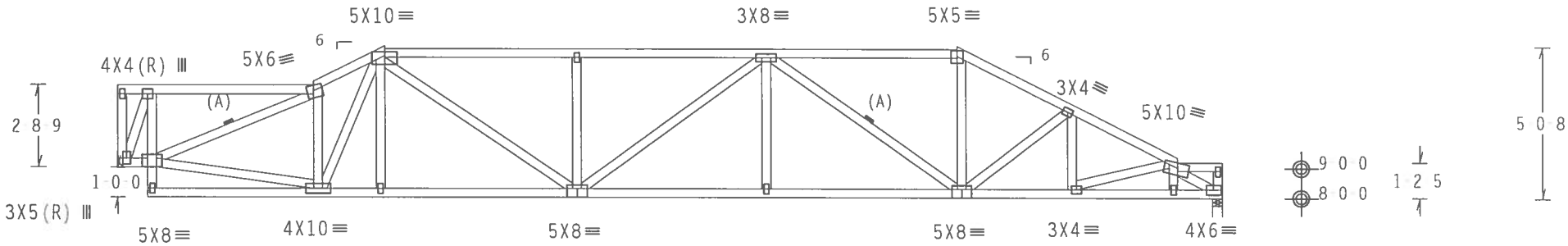
Deflection meets L/240 live and L/180 total load.

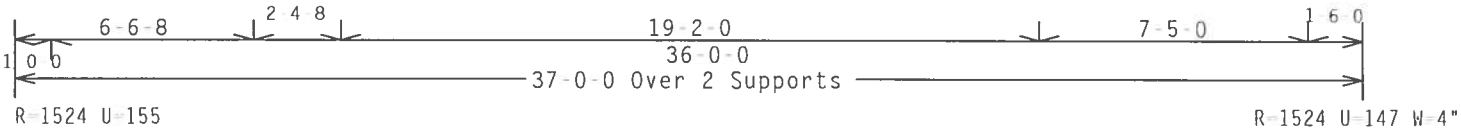
The overall height of this truss excluding overhang is 4-0-8.

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

Wind reactions based on MWFRS pressures.

Provide for complete drainage of roof.





Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.00 [illegible] QTY:1 FL/-/5/-/-/R/- Scale =.1875"/Ft.

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Nov

TC LL	20.0 PSF	REF	R215-- 36917
TC DL	10.0 PSF	DATE	11/12/08
BC DL	10.0 PSF	DRW	HCUSR215 08317015
BC LL	0.0 PSF		HC-ENG AK/WHK
TOT.LD.	40.0 PSF	SEQN	149504
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF	1TMK215_Z01

Top chord 2x6 SP #2 N :T4 2x4 SP #2 N:
Bot chord 2x6 SP #2 N
Webs 2x4 SP #2 N

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

Wind reactions based on MWFRS pressures.

Left end vertical not exposed to wind pressure.

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

#1 hip supports 6-11-0 jacks w/2 panel TC and no end vert.

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

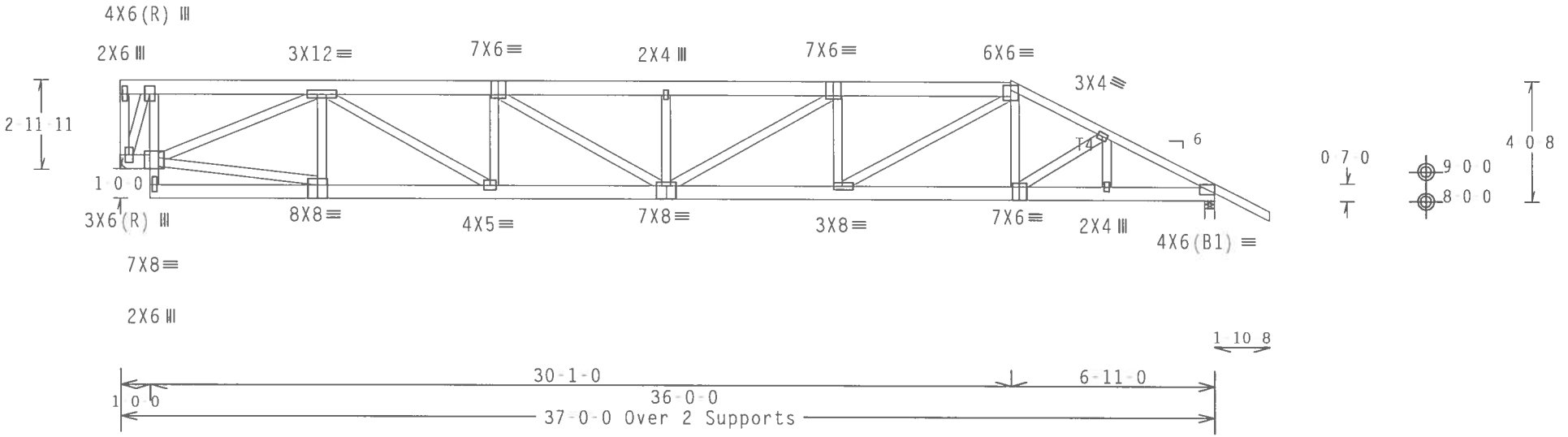
2 COMPLETE TRUSSES REQUIRED

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

Max JT VERT DEFL: LL: 0.25" DL: 0.35" recommended camber 5/8"

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information. Additional connection required to evenly distribute hanger reaction throughout all plies of supporting girder.

The overall height of this truss excluding overhang is 3 0 8.



R=3972 H=Simpson HGUS26-2
w/ (8) 10d Common, 0.148"x3.0" nails in Truss
w/ (20) 10d Common, 0.148"x3.0" nails in Girder
Girder is (4)2X6 min. So.Pine

R=3648 U=56 W=4"

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.00.81[illegible] QTY:1 FL/-/5/-/-/R/- Scale =.1875"/Ft.

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JAMES E. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Nov

TC LL	20.0 PSF	REF	R215-- 36918
TC DL	10.0 PSF	DATE	11/12/08
BC DL	10.0 PSF	DRW	HCUSR215 08317014
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	40.0 PSF	SEQN-	149913
DUR.FAC.	1.25	FROM	CDM
SPACING	SEE ABOVE	JREF-	1TMK215_Z01

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, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL 5.0 psf, wind BC DL 5.0 psf. Iw=1.00 GCpi(+/-)=0.18

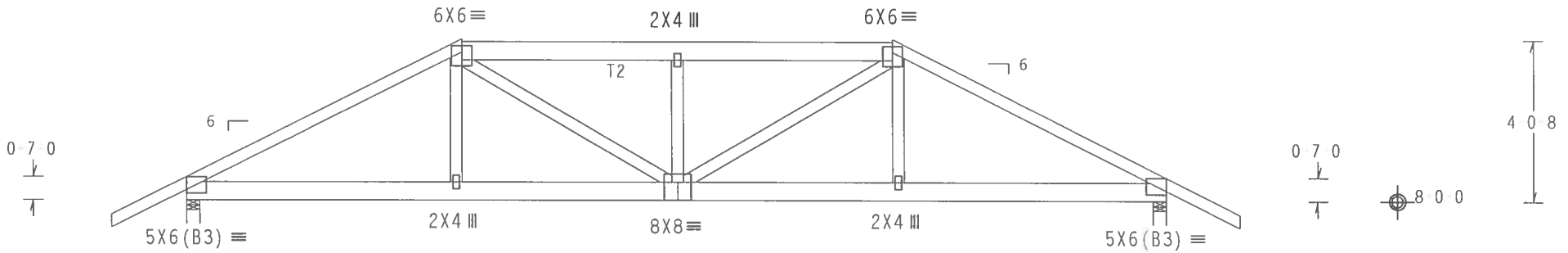
Wind reactions based on MWFRS pressures.

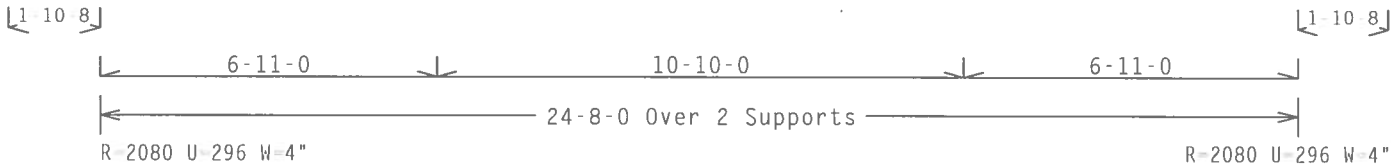
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

The overall height of this truss excluding overhang is 4-0-8.

SPECIAL LOADS
(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC From 62 PLF at 1.88 to 62 PLF at 7.00
TC From 62 PLF at 7.00 to 62 PLF at 17.67
TC From 62 PLF at 17.67 to 62 PLF at 26.54
BC From 20 PLF at 0.00 to 20 PLF at 24.67
PLT 194 LB Conc. Load at (7.06,11.93), (9.06,11.93), (11.06,11.93) (12.33,11.93), (13.60,11.93), (15.60,11.93), (17.60,11.93)
PLB 77 LB Conc. Load at (7.06,8.04), (9.06,8.04), (11.06,8.04) (12.33,8.04), (13.60,8.04), (15.60,8.04), (17.60,8.04)

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





Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.00.08 QTY:1 FL/-/5/-/-/R/- Scale =.25"/Ft.

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

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

IMPORTANTFURNISH 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 20/18/16GA (H,HS/S/K) ASTM A653 GRADE 40/60 (H, K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A3 OF TPI1 2002 SEC 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Nov 12 '08

TC LL	20.0 PSF	REF	R215-- 36919
TC DL	10.0 PSF	DATE	11/12/08
BC DL	10.0 PSF	DRW	HCUSR215 08317037
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	40.0 PSF	SEQN-	149918
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TMK215_Z01

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

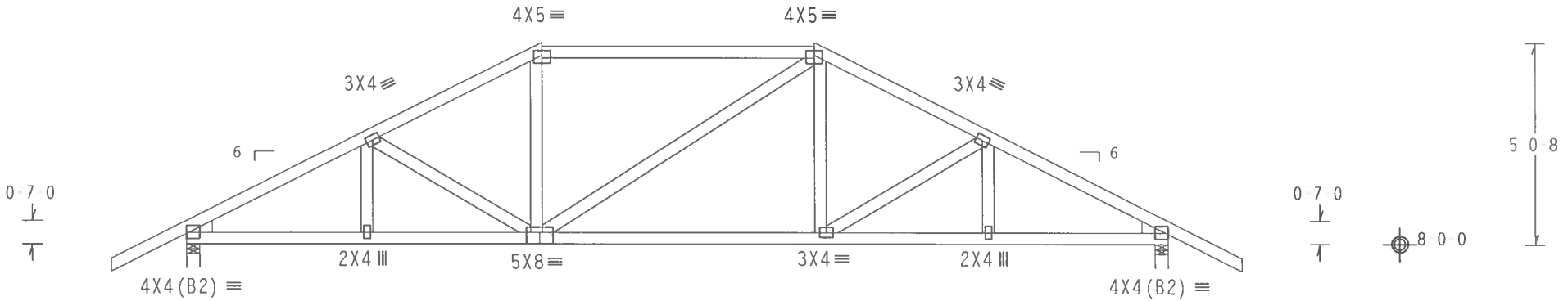
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

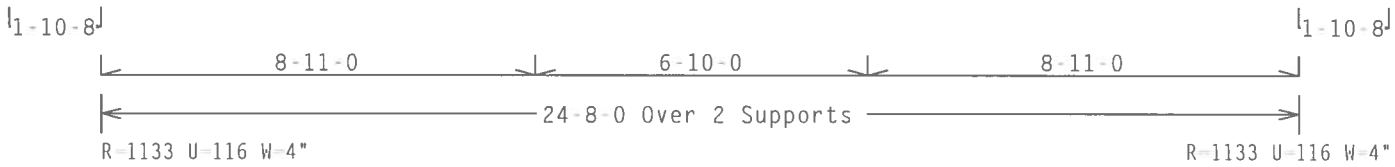
The overall height of this truss excluding overhang is 5-0-8.

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

Wind reactions based on MWFRS pressures.

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





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.00.181 QTY:1 FL/-/5/-/-/R/- Scale =.25"/Ft.

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

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

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JAMES A. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Nov 12

TC LL	20.0 PSF	REF R215-- 36920
TC DL	10.0 PSF	DATE 11/12/08
BC DL	10.0 PSF	DRW HCUSR215 08317007
BC LL	0.0 PSF	HC-ENG AK/WHK *
TOT.LD.	40.0 PSF	SEQN- 149686
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1TMK215_Z01

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

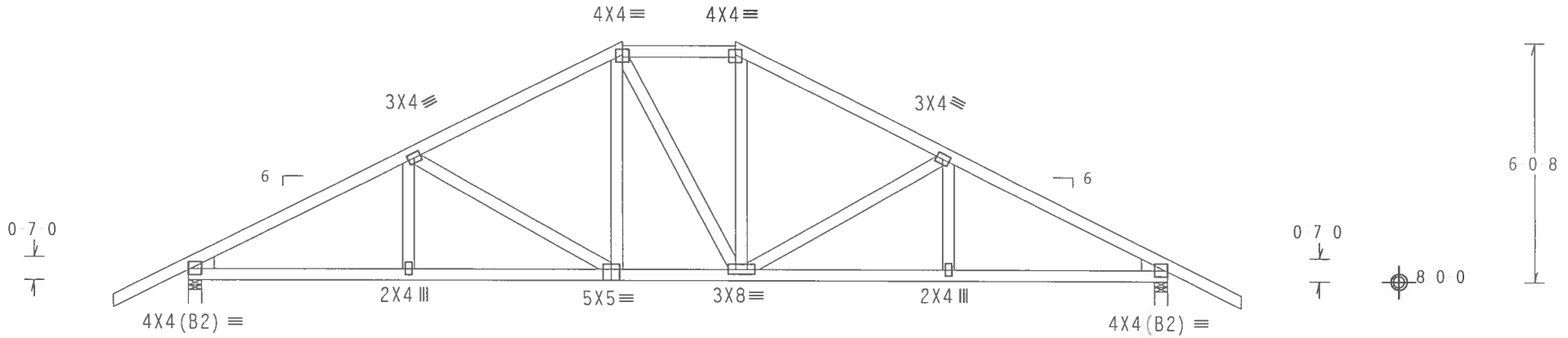
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

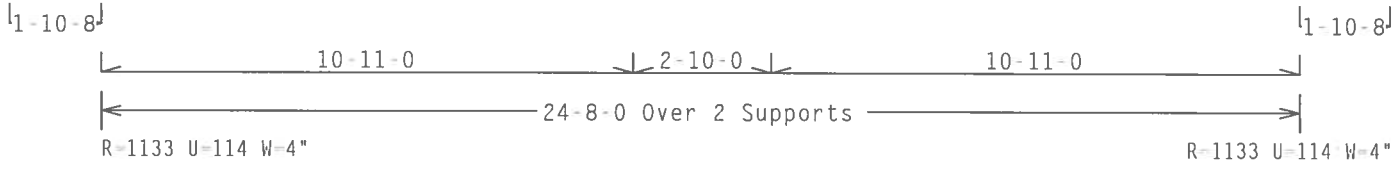
The overall height of this truss excluding overhang is 6 0 8.

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

Wind reactions based on MWFRS pressures.

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





Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.00.08 QTY:1 FL/-/5/-/-/R/- Scale =.25"/Ft.

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

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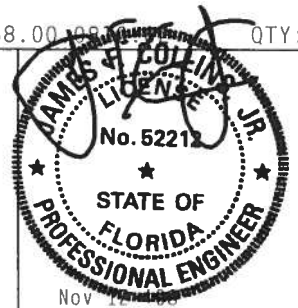


Nov

TC LL	20.0 PSF	REF	R215 36921
TC DL	10.0 PSF	DATE	11/12/08
BC DL	10.0 PSF	DRW	HCUSR215 08317012
BC LL	0.0 PSF	HC-ENG	AK/WHK *
TOT.LD.	40.0 PSF	SEQN	149692
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF	1TMK215_Z01

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

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

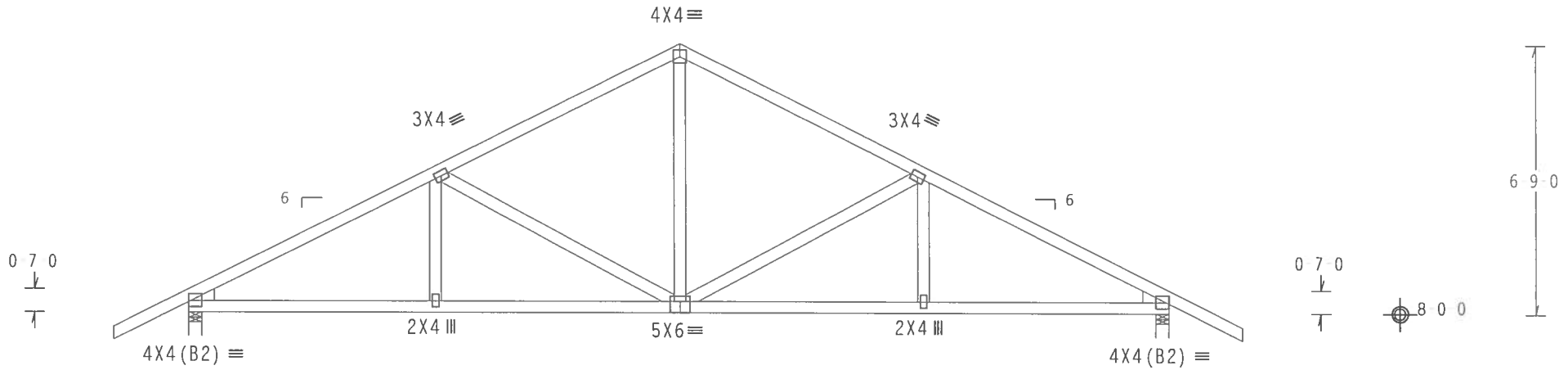
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
:Lt Wedge 2x4 SP #2 N::Rt Wedge 2x4 SP #2 N:

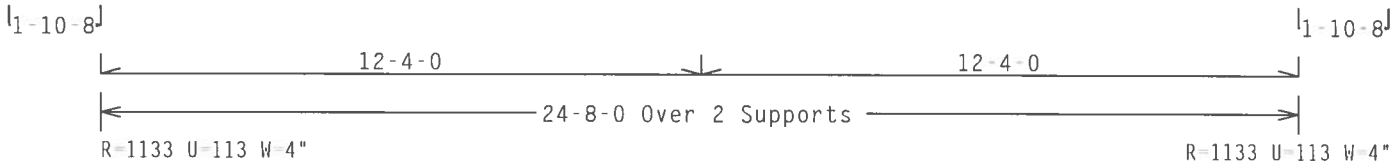
Deflection meets L/240 live and L/180 total load.

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

Wind reactions based on MWFRS pressures.

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





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/0(0) 7.38.00.0 QTY:9 FL/-/5/-/-/R/- Scale =.25"/Ft.

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

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JAMES F. FOLLIS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Nov 12 '08

TC LL	20.0 PSF	REF R215-- 36922
TC DL	10.0 PSF	DATE 11/12/08
BC DL	10.0 PSF	DRW HCUSR215 08317039
BC LL	0.0 PSF	HC-ENG AK/WHK *
TOT.LD.	40.0 PSF	SEQN- 149665
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1TMK215_Z01

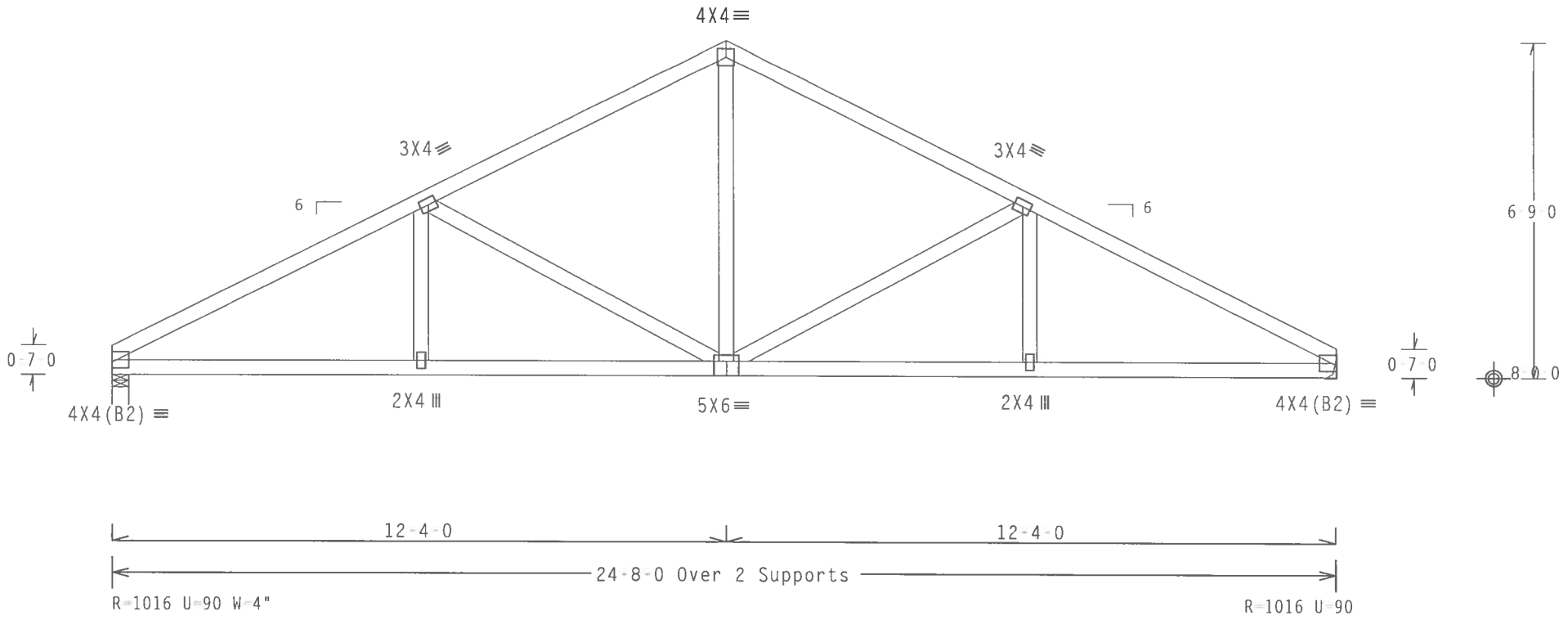
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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

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

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

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/0(0) 7.38.00.081 QTY:2 FL/-/5/-/-/R/- Scale =.3125"/Ft.

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

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JAMES W. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Nov 12 08

TC LL	20.0 PSF	REF	R215-- 36923
TC DL	10.0 PSF	DATE	11/12/08
BC DL	10.0 PSF	DRW	HCUSR215 08317004
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	40.0 PSF	SEQN	149616
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF	1TMK215_Z01

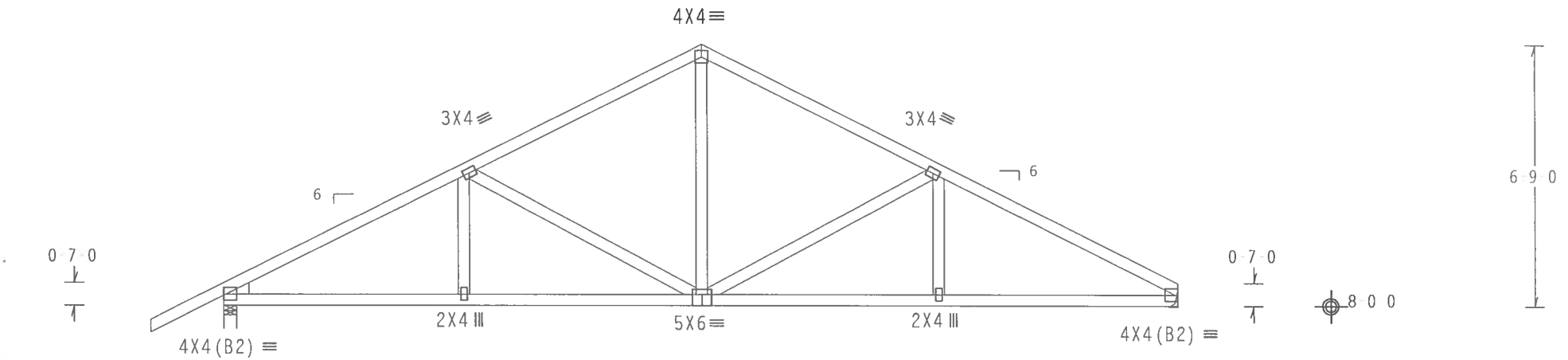
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
:Lt Wedge 2x4 SP #2 N:

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

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

Wind reactions based on MWFRS pressures.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.00 QTY:1 FL/-/5/-/-/R/- Scale =.25"/Ft.

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

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JAMES F. COLLINS JR. LICENSED
No. 52212
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Nov 12 '08

TC LL	20.0 PSF	REF	R215-- 36924
TC DL	10.0 PSF	DATE	11/12/08
BC DL	10.0 PSF	DRW	HCUSR215 08317005
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	40.0 PSF	SEQN-	149631
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TMK215_Z01

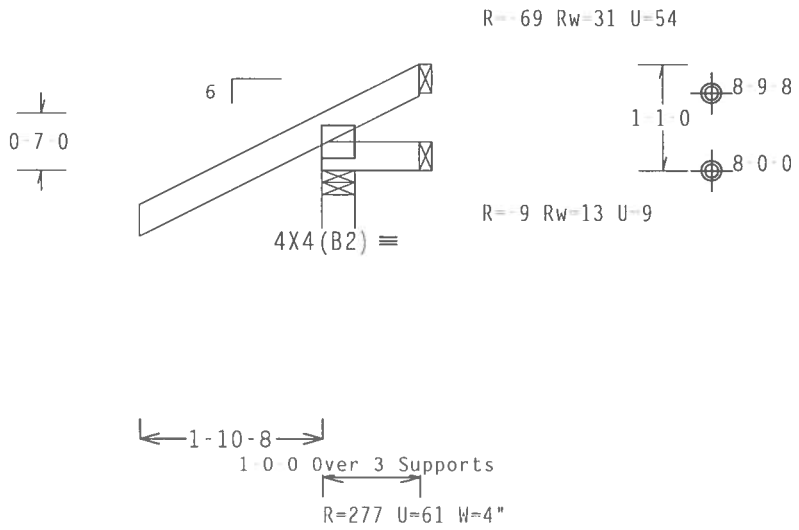
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

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

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

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

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.00 QTY:4 FL/-/5/-/-/R/- Scale =.5"/Ft.

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

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JAMES E. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Nov 12 '08

TC LL	20.0 PSF	REF	R215-- 36925
TC DL	10.0 PSF	DATE	11/12/08
BC DL	10.0 PSF	DRW	HCUSR215 08317041
BC LL	0.0 PSF		HC-ENG AK/WHK
TOT.LD.	40.0 PSF	SEQN-	149338
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TMK215_Z01

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

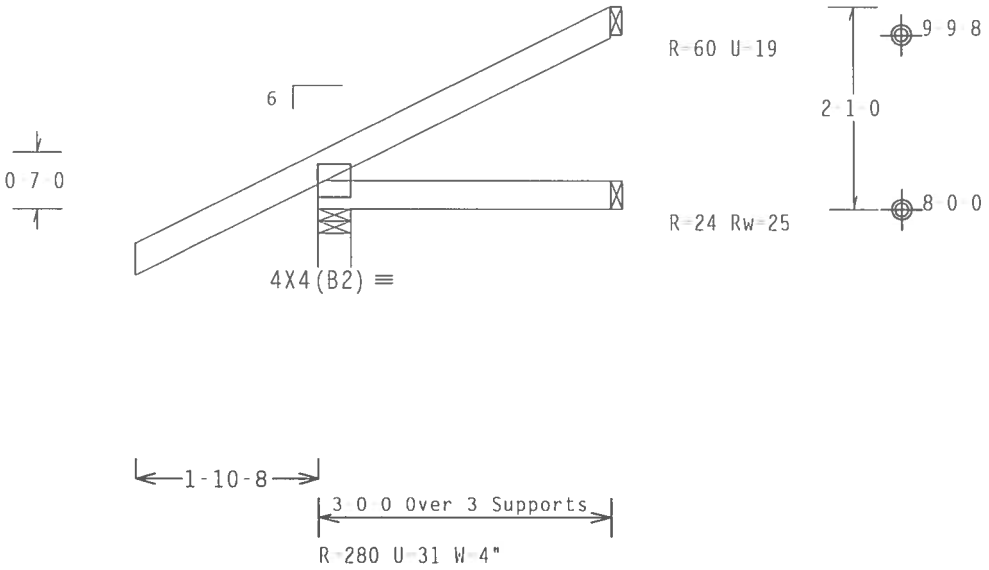
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

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

The overall height of this truss excluding overhang is 2 1 0.

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

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.00.08 QTY:4 FL/-/5/-/-/R/- Scale =.5"/Ft.

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

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JAMES F. COLLINS, JR. LICENSED No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Nov

TC LL	20.0 PSF	REF	R215-- 36926
TC DL	10.0 PSF	DATE	11/12/08
BC DL	10.0 PSF	DRW	HCUSR215 08317042
BC LL	0.0 PSF	HC-ENG	AK/WHK
TOT.LD.	40.0 PSF	SEQN-	149344
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF	1TMK215 Z01

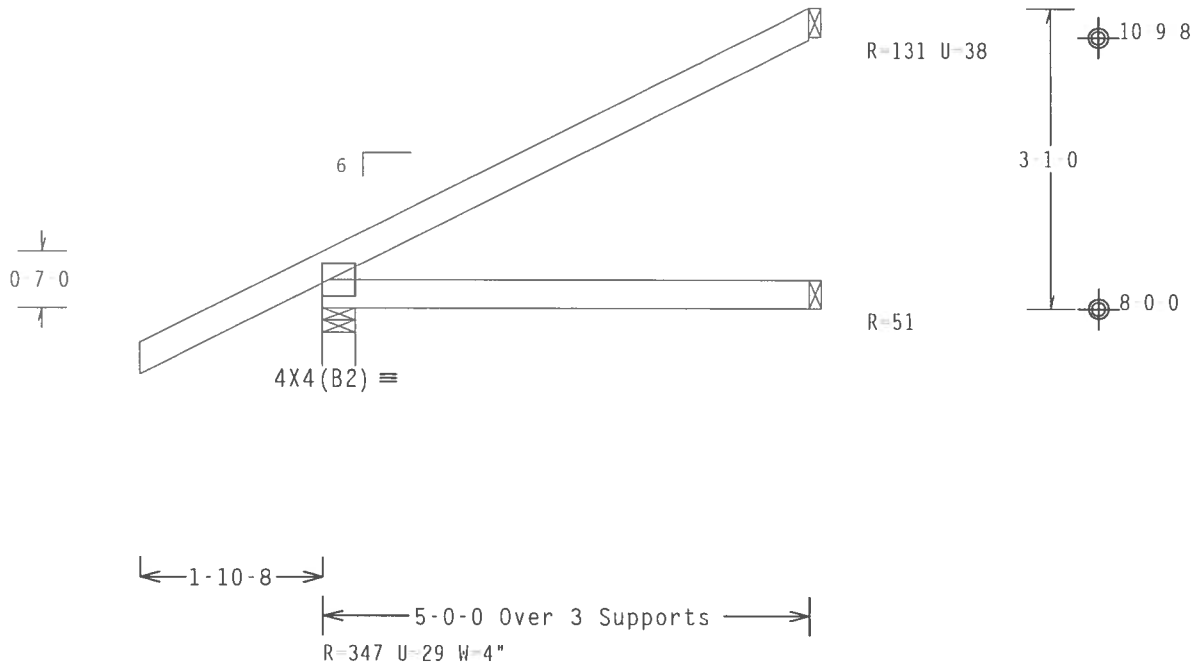
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

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

The overall height of this truss excluding overhang is 3-1-0.

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

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.00.[illegible] QTY:2 FL/-/5/-/-/R/- Scale =.5"/Ft.

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

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JAMES E. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Nov 12 '08

TC LL	20.0 PSF	REF	R215-- 36927
TC DL	10.0 PSF	DATE	11/12/08
BC DL	10.0 PSF	DRW	HCUSR215 08317011
BC LL	0.0 PSF		HC-ENG AK/WHK
TOT.LD.	40.0 PSF	SEQN-	149402
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TMK215_Z01

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

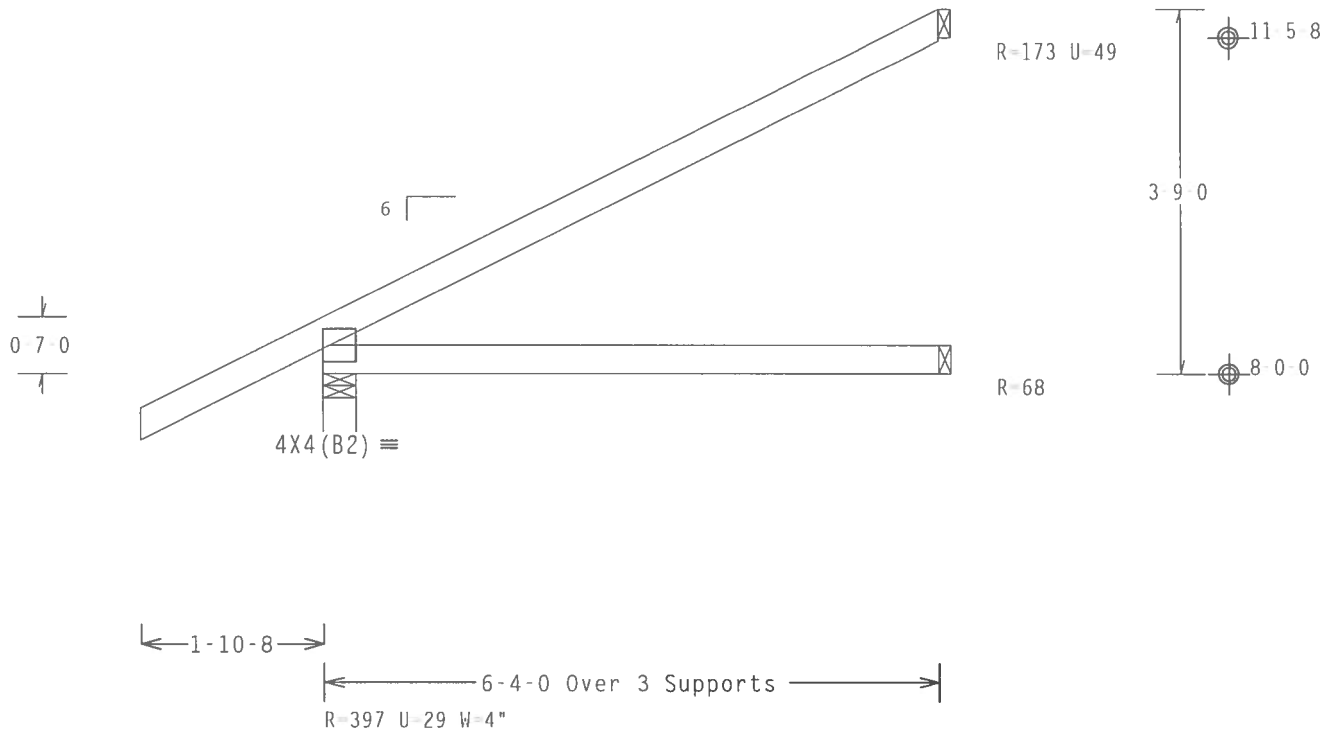
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

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

The overall height of this truss excluding overhang is 3-9-0.

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

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.00.08 QTY:3 FL/-/5/-/-/R/- Scale =.5"/Ft.

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Nov 12 '08

TC LL	20.0 PSF	REF	R215-- 36928
TC DL	10.0 PSF	DATE	11/12/08
BC DL	10.0 PSF	DRW	HCUSR215 08317006
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	40.0 PSF	SEQN	149608
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF	1TMK215_Z01

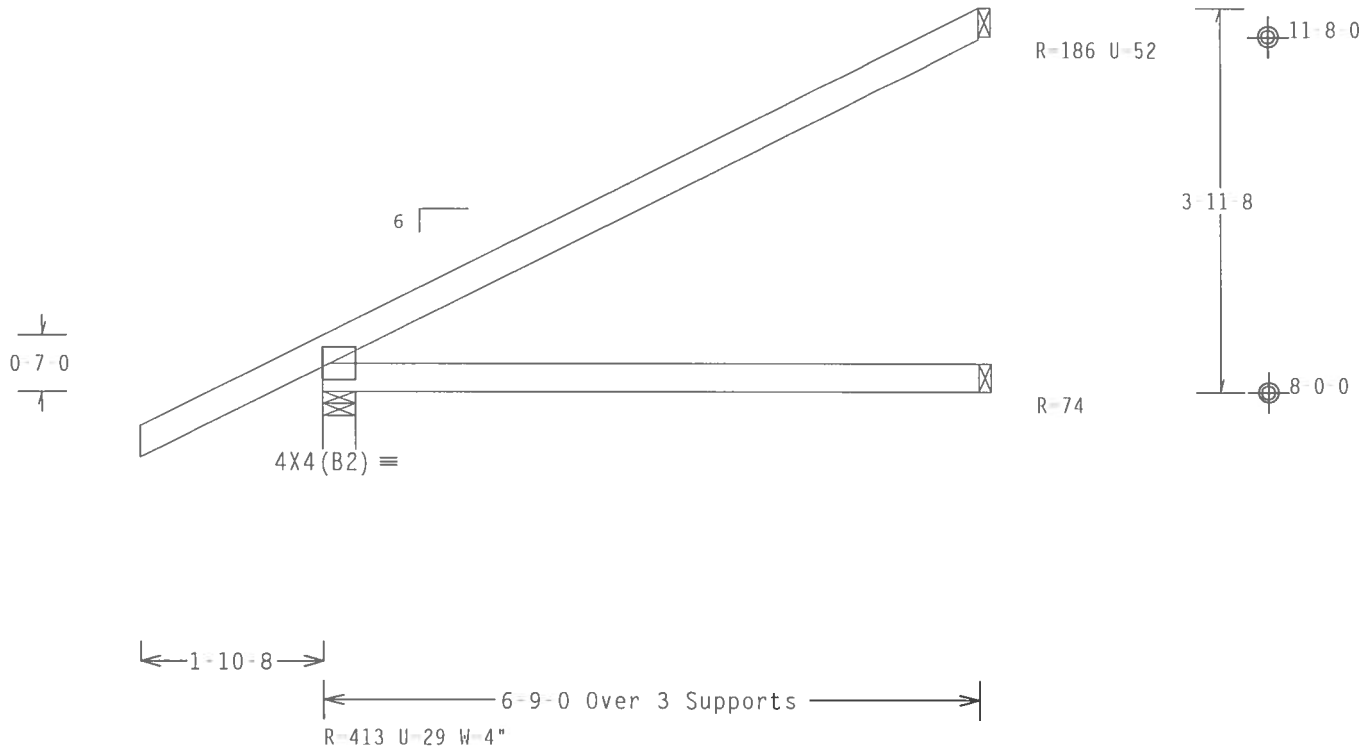
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

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

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

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

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.00.08 QTY:9 FL/-/5/-/-/R/- Scale =.5"/Ft.

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

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JAMES F. COLLINS, JR. LICENSED No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Nov

TC LL	20.0 PSF	REF	R215-- 36929
TC DL	10.0 PSF	DATE	11/12/08
BC DL	10.0 PSF	DRW	HCUSR215 08317028
BC LL	0.0 PSF	HC-ENG	AK/WHK
TOT.LD.	40.0 PSF	SEQN-	149536
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TMK215_Z01

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

SPECIAL LOADS
(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 62 PLF at 0.00 to 62 PLF at 6.33
BC - From 20 PLF at 0.00 to 20 PLF at 6.33
BC - 1016 LB Conc. Load at 0.40, 2.40
BC - 1011 LB Conc. Load at 4.40

Wind reactions based on MWFRS pressures.

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

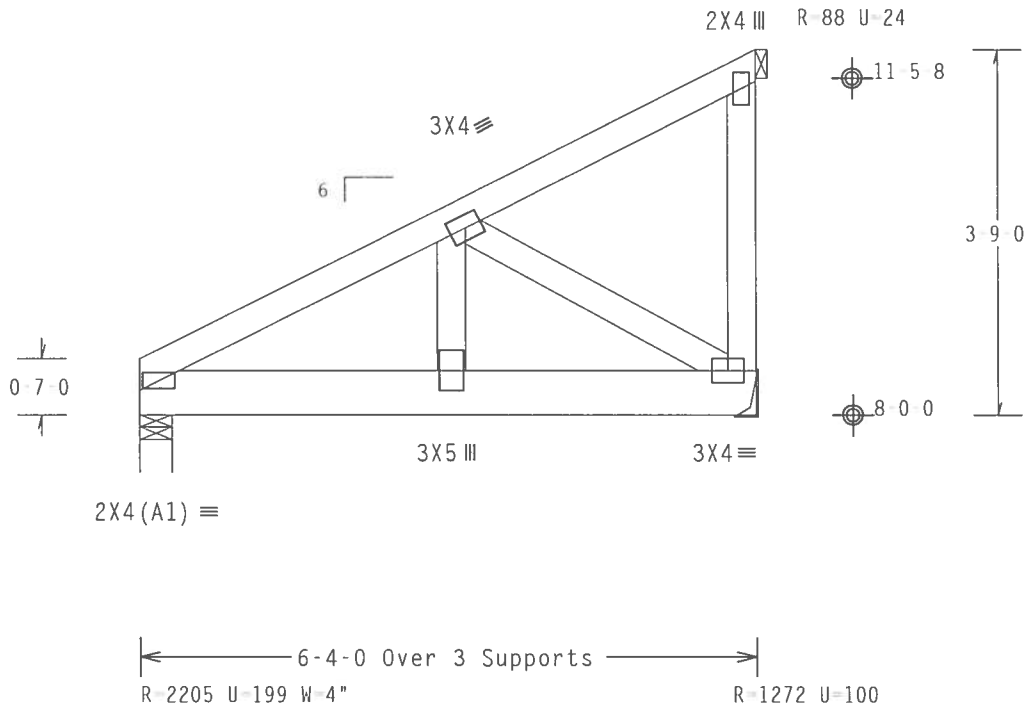
The overall height of this truss excluding overhang is 3 9 0.

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @ 3.25" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

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

Right end vertical not exposed to wind pressure.



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

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

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Nov 12 '08

TC LL	20.0 PSF	REF	R215-- 36930
TC DL	10.0 PSF	DATE	11/12/08
BC DL	10.0 PSF	DRW	HCUSR215 08317007
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	40.0 PSF	SEQN-	149639
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TMK215_Z01

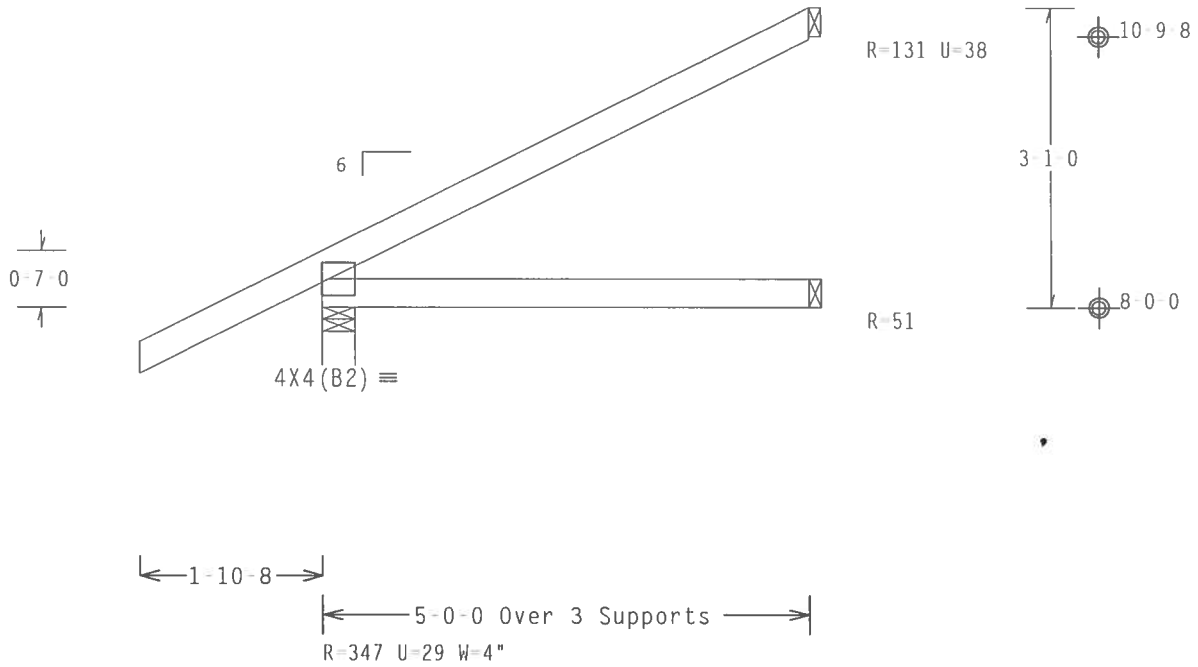
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

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

The overall height of this truss excluding overhang is 3-1-0.

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

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/0(0) 7.38.00 QTY:4 FL/-/5/-/-/R/- Scale =.5"/Ft.

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

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JAMES F. FOLEY JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Nov 12 08

TC LL	20.0 PSF	REF	R215-- 36931
TC DL	10.0 PSF	DATE	11/12/08
BC DL	10.0 PSF	DRW	HCUSR215 08317040
BC LL	0.0 PSF	HC-ENG	AK/WHK
TOT.LD.	40.0 PSF	SEQN-	149356
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TMK215 Z01

(5119 /LAGONI /EDGELY CONSTRUCTION LAKE CITY, FL JE7)

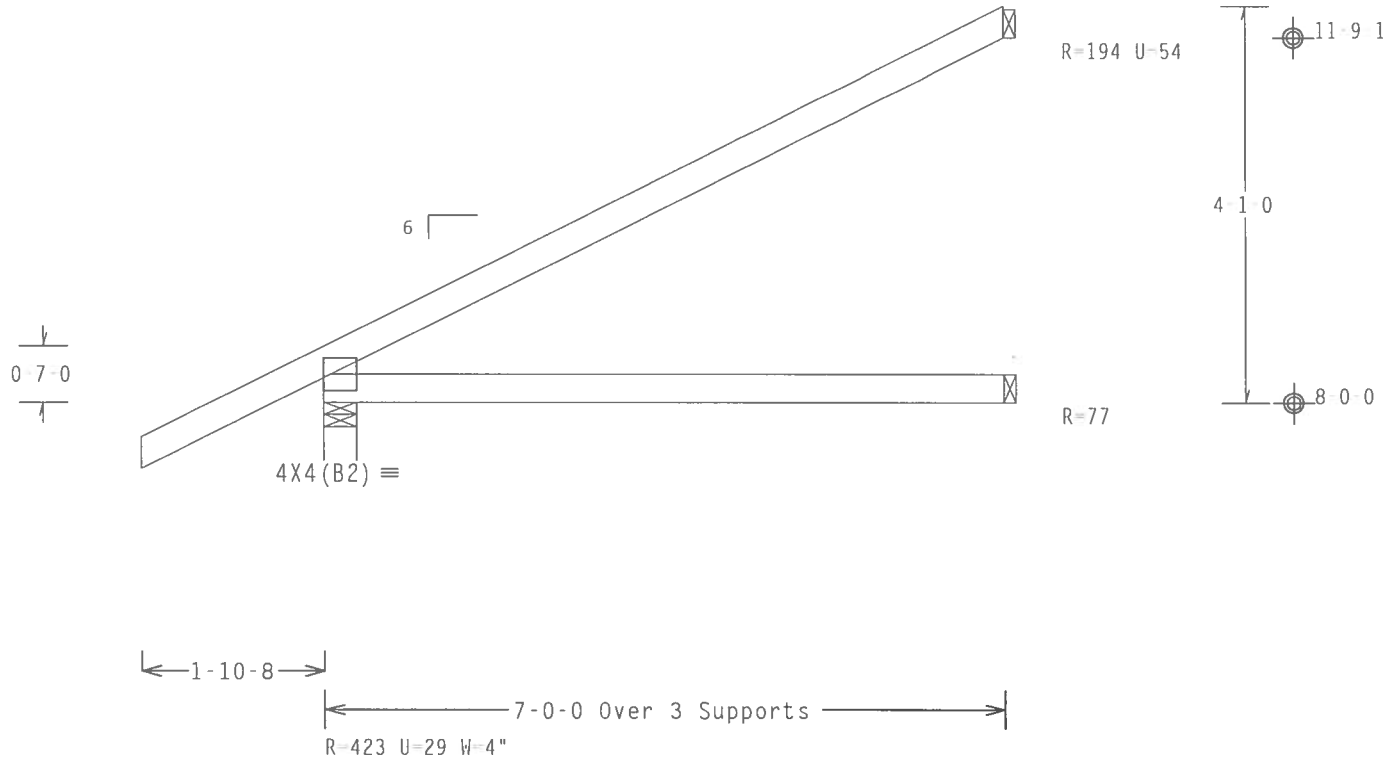
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

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

The overall height of this truss excluding overhang is 4-1-0.

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

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.00.083 QTY:15 FL/-/5/-/-/R/- Scale =.5"/Ft.

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

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JAMES E. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Nov 12,2008

TC LL	20.0 PSF	REF	R215-- 36932
TC DL	10.0 PSF	DATE	11/12/08
BC DL	10.0 PSF	DRW	HCUSR215 08317027
BC LL	0.0 PSF	HC-ENG	AK/WHK
TOT.LD.	40.0 PSF	SEQN-	149416
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TMK215_Z01

(5119 /LAGONI /EDGELY CONSTRUCTION -- LAKE CITY, FL -- JH7)

THIS END PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

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

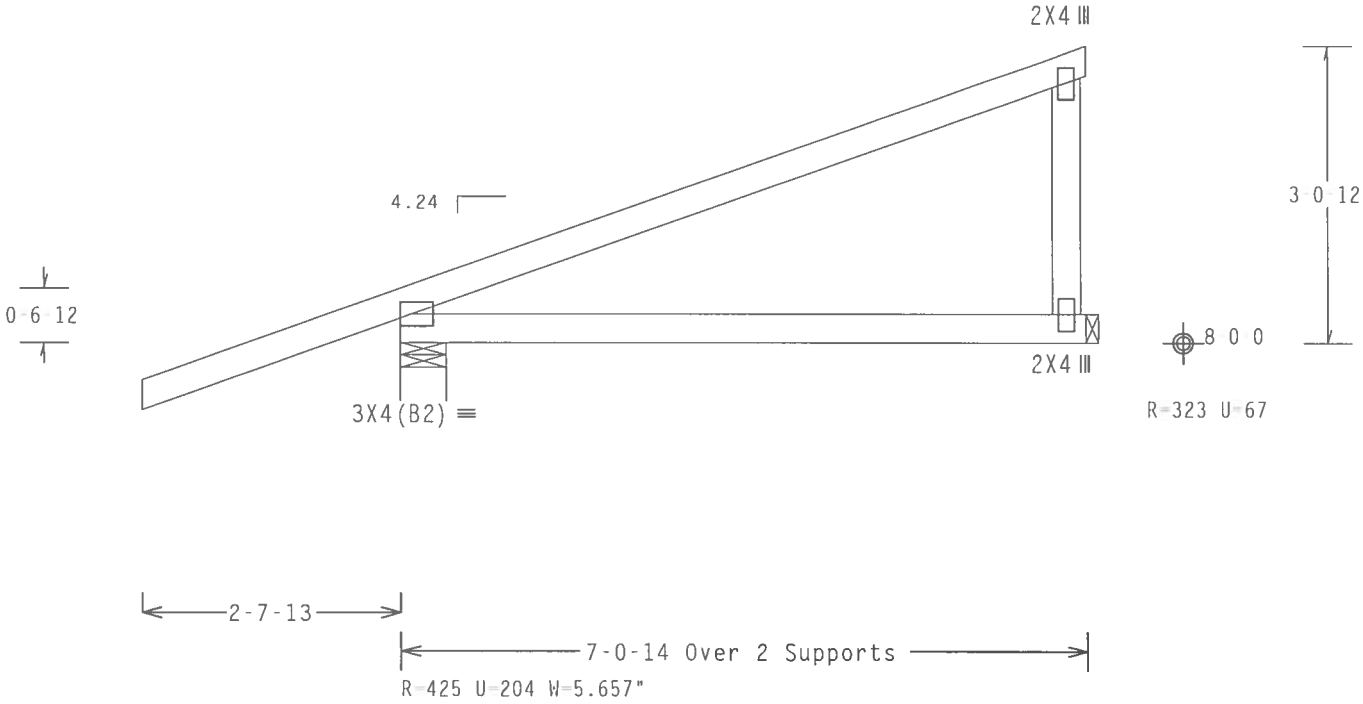
Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 3 0 12.

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

TC	From	61 PLF	at	2.65	to	61 PLF at 7.07
BC	From	20 PLF	at	0.00	to	20 PLF at 7.07
TC		137 LB	Conc. Load	at	1.48	
TC		121 LB	Conc. Load	at	4.31	
BC		18 LB	Conc. Load	at	1.48	
BC		47 LB	Conc. Load	at	4.31	

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.00.01 QTY:2 FL/-/5/-/-/R/- Scale =.5"/Ft.

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

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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 20/18/16GA (W,H/SS/K) ASTM A653 GRADE 40/60 (W, K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

JAMES W. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Nov 12

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

REF	R215-- 36933
DATE	11/12/08
DRW	HCUSR215 08317008
HC-ENG	AK/WHK
SEQN-	149350
FROM	CDM
JREF-	1TMK215_Z01

(5119 /LAGONI /EDGELY CONSTRUCTION -- LAKE CITY, FL -- JH8)

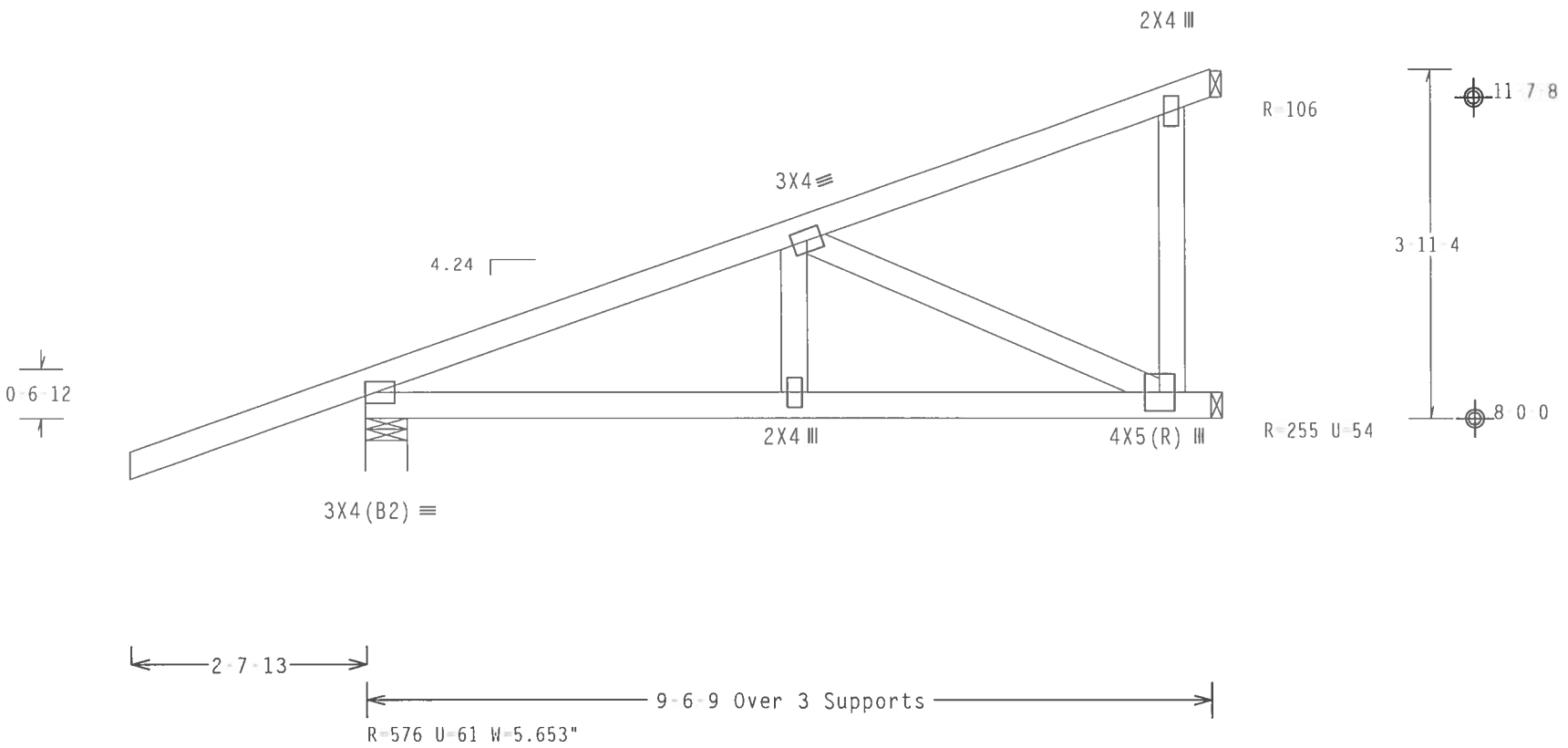
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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

The overall height of this truss excluding overhang is 3-11-4.

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

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.00 [illegible] QTY:2 FL/-/5/-/-/R/- Scale =.5"/Ft.

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

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JAMES F. KOLANS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Nov 12 '08

TC LL	20.0 PSF	REF	R215-- 36934
TC DL	10.0 PSF	DATE	11/12/08
BC DL	10.0 PSF	DRW	HCUSR215 08317008
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	40.0 PSF	SEQN-	151569
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TMK215_Z01

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

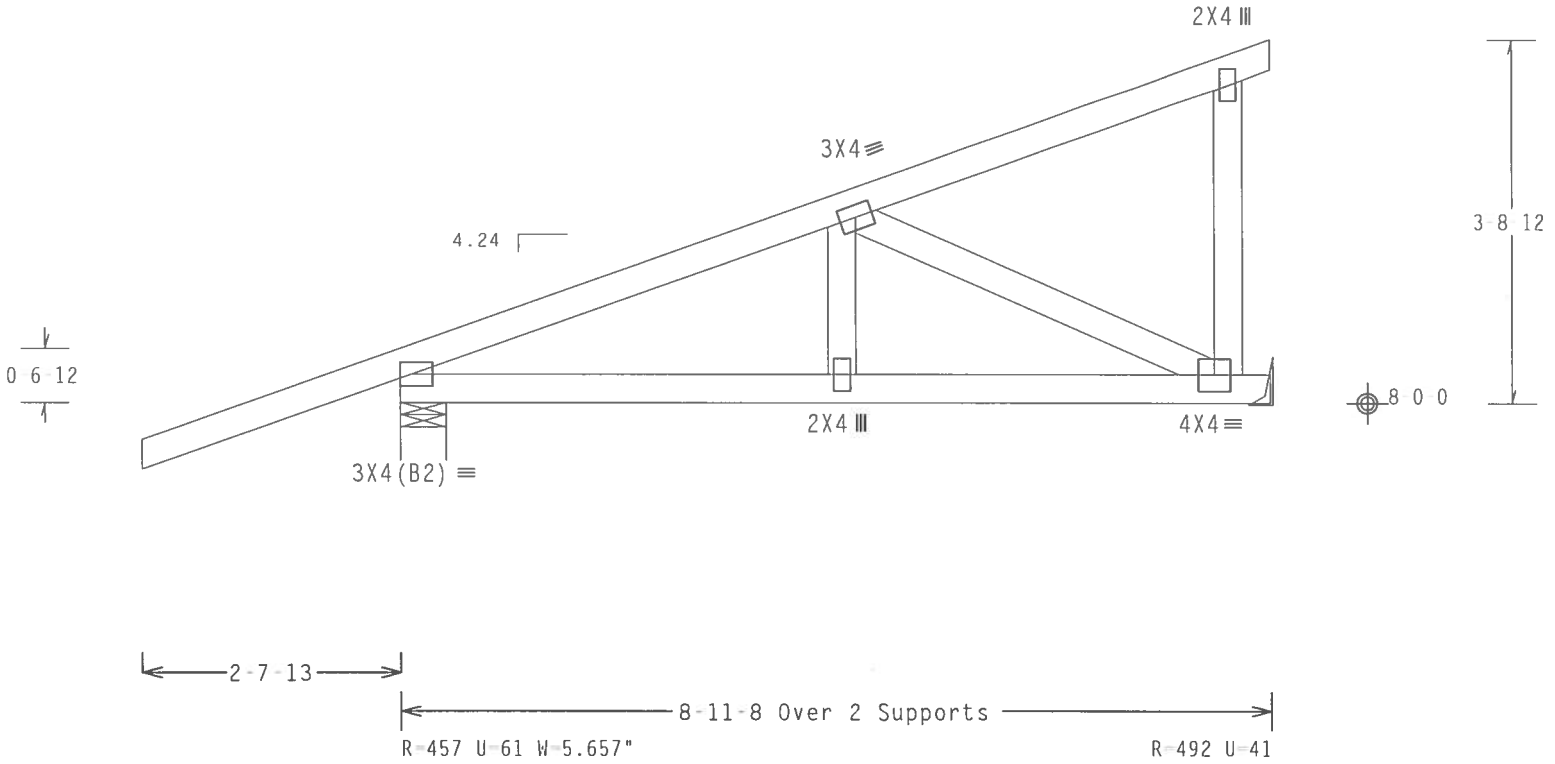
Hipjack supports 6-4-0 setback jacks with no webs.

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

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

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 3-8-12.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.00.[illegible] QTY:1 FL/-/5/-/-/R/- Scale =.5"/Ft.

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Nov

TC LL	20.0 PSF	REF	R215-- 36935
TC DL	10.0 PSF	DATE	11/12/08
BC DL	10.0 PSF	DRW	HCUSR215 08317029
BC LL	0.0 PSF		HC-ENG AK/WHK
TOT.LD.	40.0 PSF	SEQN-	149603
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF	1TMK215 Z01

(5119 /LAGONI /EDGELY CONSTRUCTION -- LAKE CITY, FL - JH10)

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

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

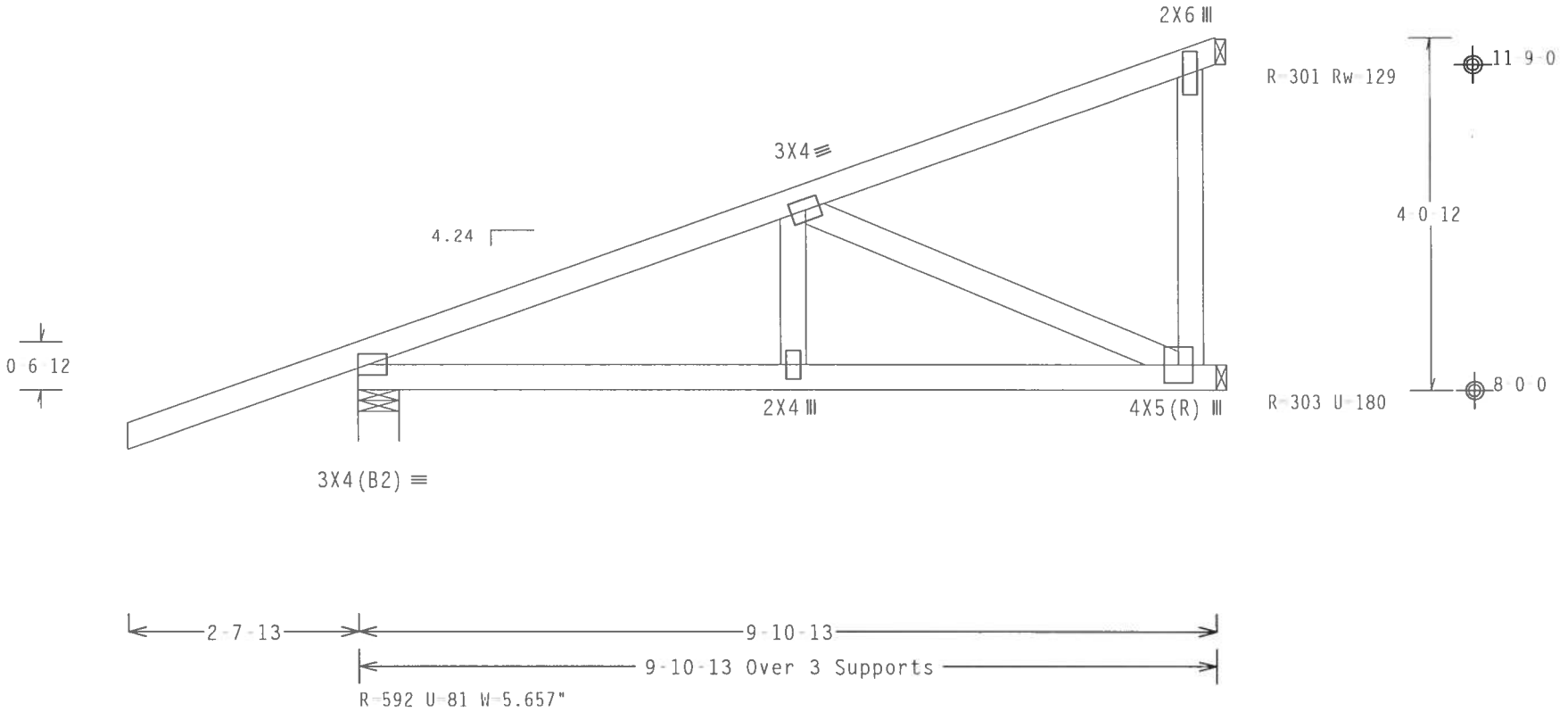
Hipjack supports 7-0-0 setback jacks with no webs.

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

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

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 4-0-12.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.00 QTY:3 FL/-/5/-/-/R/- Scale =.5"/Ft.

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Nov 12 08

TC LL	20.0 PSF	REF	R215-- 36936
TC DL	10.0 PSF	DATE	11/12/08
BC DL	10.0 PSF	DRW	HCUSR215 08317009
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	40.0 PSF	SEQN-	151562
DUR.FAC.	1.25	FROM	CDM
SPACING	SEE ABOVE	JREF-	1TMK215_Z01

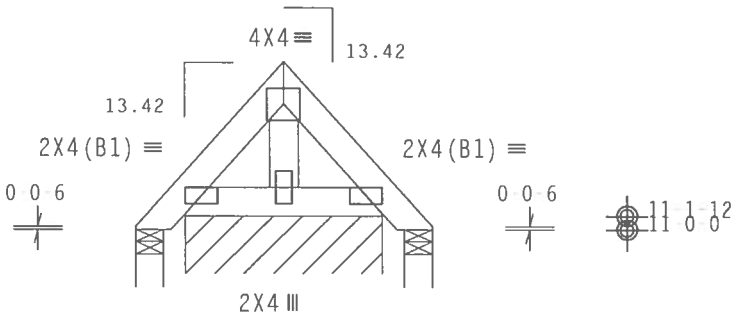
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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

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

The overall height of this truss excluding overhang is 12 8 13.

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



1 7 1

R=10 U=48 W=3.5"

R=0 U=48 W=3.5"

1 0 2
1 0 2 1 0 2
3 0 8 Over 3 Supports

R=2 PLF U= 12 PLF W=2 0 4

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/0(0) 7.38.00.08 QTY:1 FL/-/5/-/-/R/- Scale =.5"/Ft.

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

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JAMES W. COLLIAS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Nov 12

TC LL	20.0 PSF	REF	R215-- 36937
TC DL	10.0 PSF	DATE	11/12/08
BC DL	10.0 PSF	DRW	HCUSR215 08317003
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	40.0 PSF	SEQN-	242755
DUR.FAC.	1.25	FROM	CDM
SPACING	SEE ABOVE	JREF-	1TMK215_Z01

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

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

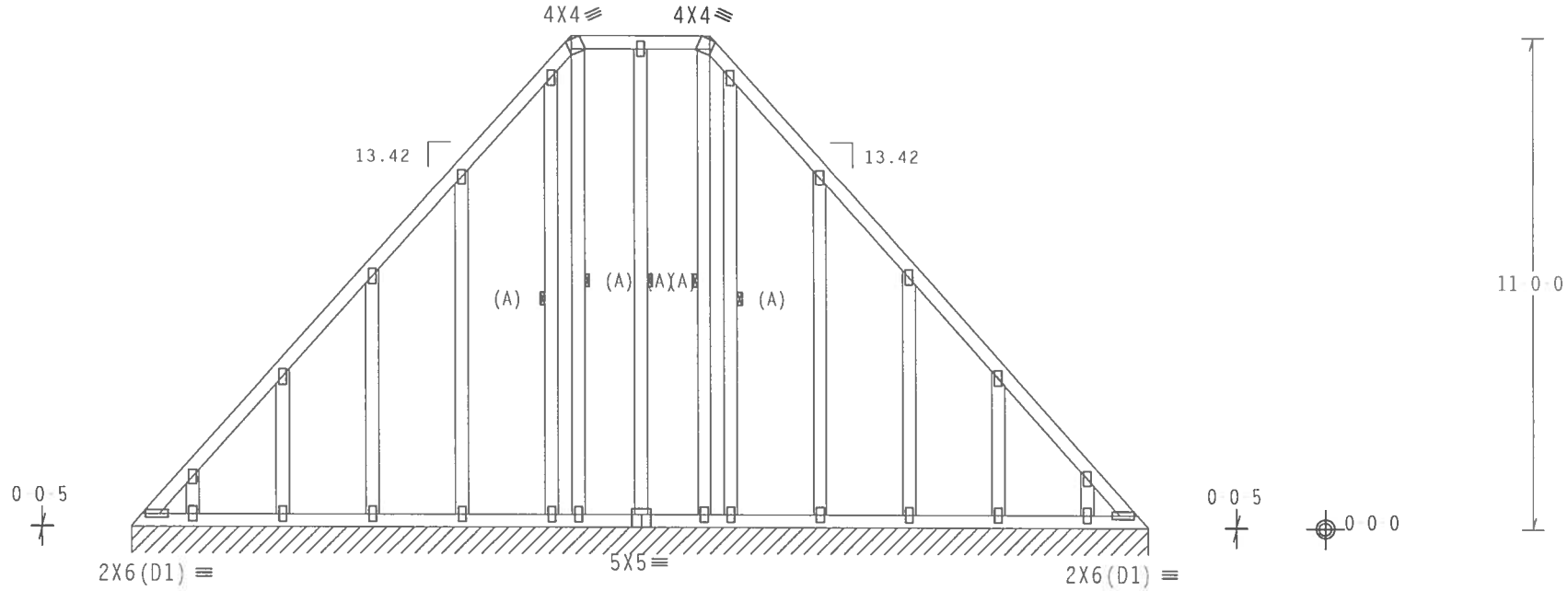
REFER TO PIGBACKA0207 OR PIGBACKB0207 FOR PIGYBACK DETAILS. TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED @ 24" O.C, UNLESS OTHERWISE SPECIFIED.

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

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

The overall height of this truss excluding overhang is 11 0 0.

(A) Continuous lateral bracing equally spaced on member.



Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.00 QTY:1 FL/-/5/-/-/R/- Scale =.25"/Ft.

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

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JAMES E. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Nov 12 08

TC LL	20.0 PSF	REF	R215-- 36938
TC DL	10.0 PSF	DATE	11/12/08
BC DL	10.0 PSF	DRW	HCUSR215 08317010
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	40.0 PSF	SEQN-	242751
DUR.FAC.	1.25	FROM	CDM
SPACING	SEE ABOVE	JREF-	1TMK215_Z01

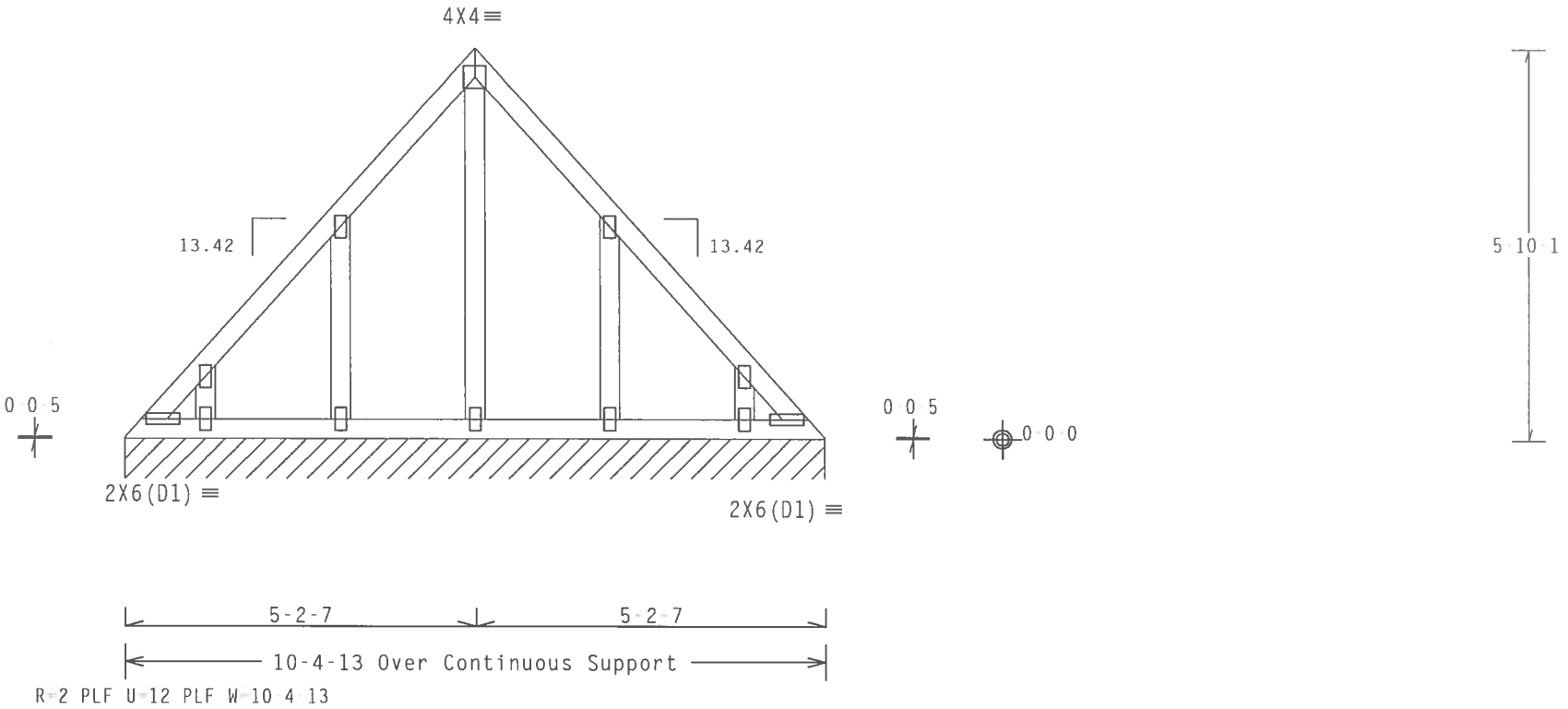
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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

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

The overall height of this truss excluding overhang is 5-10-1.

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



Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/0(0) 7.38.00 FB QTY:1 FL/-/5/-/-/R/- Scale =.375"/Ft.

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Nov 12

TC LL	20.0 PSF	REF	R215-- 36939
TC DL	10.0 PSF	DATE	11/12/08
BC DL	10.0 PSF	DRW	HCUSR215 08317038
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	40.0 PSF	SEQN-	242746
DUR.FAC.	1.25	FROM	CDM
SPACING	SEE ABOVE	JREF	1TMK215 Z01

(5119-/LAGONI /EDGELY CONSTRUCTION -- LAKE CITY, FL - PF4)

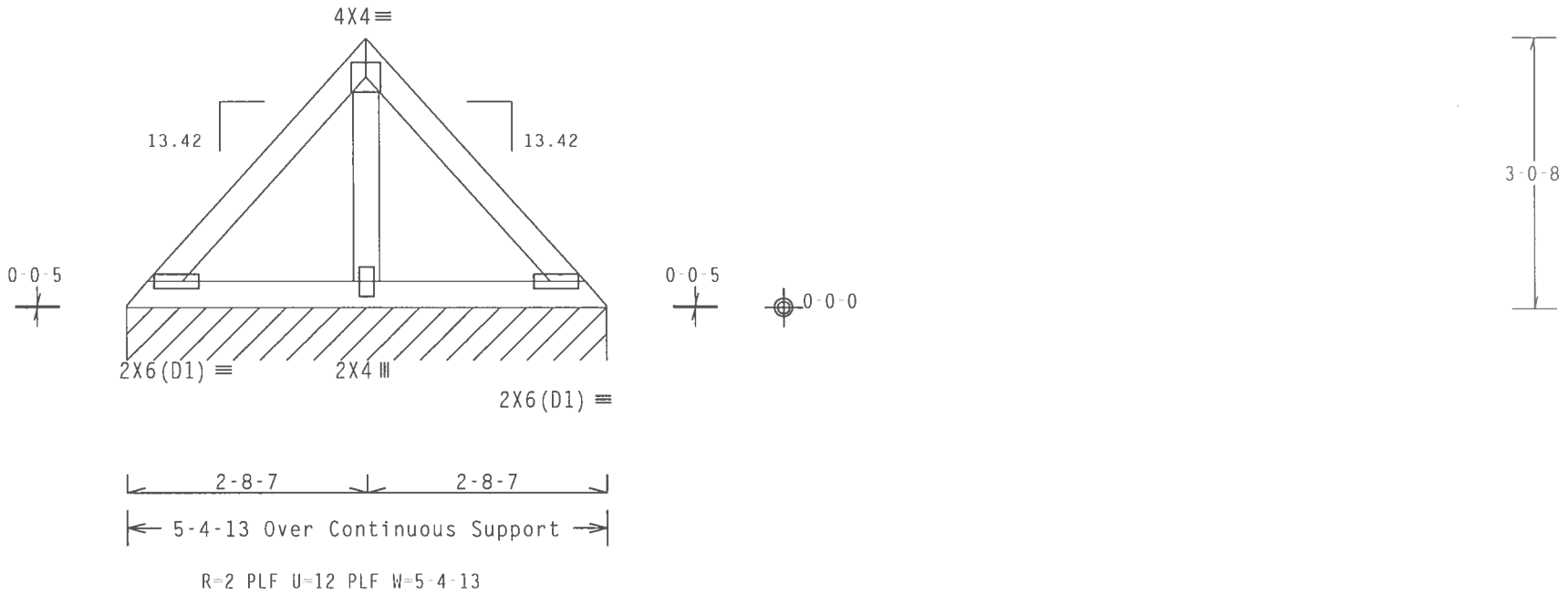
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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

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

The overall height of this truss excluding overhang is 3-0-8.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.00 [illegible] QTY:1 FL/-/5/-/-/R/- Scale =.5"/Ft.

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

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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 20/18/16GA (H,H/SS/F) ASTM A653 GRADE 40/60 (H, K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A3 OF TPI1 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Nov [illegible]

TC LL	20.0 PSF	REF	R215-- 36940
TC DL	10.0 PSF	DATE	11/12/08
BC DL	10.0 PSF	DRW	HCUSR215 08317009
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	40.0 PSF	SEQN-	242743
DUR.FAC.	1.25	FROM	CDM
SPACING	SEE ABOVE	JREF-	1TMK215_Z01

CLB WEB BRACE SUBSTITUTION

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

NOTES:

THIS DETAIL IS ONLY APPLICABLE FOR CHANGING THE SPECIFIED CLB SHOWN ON SINGLE PLY SEALED DESIGNS TO T-BRACING OR SCAB BRACING.

ALTERNATIVE BRACING SPECIFIED IN CHART BELOW MAY BE CONSERVATIVE. FOR MINIMUM ALTERNATIVE BRACING, RE-RUN DESIGN WITH APPROPRIATE BRACING.

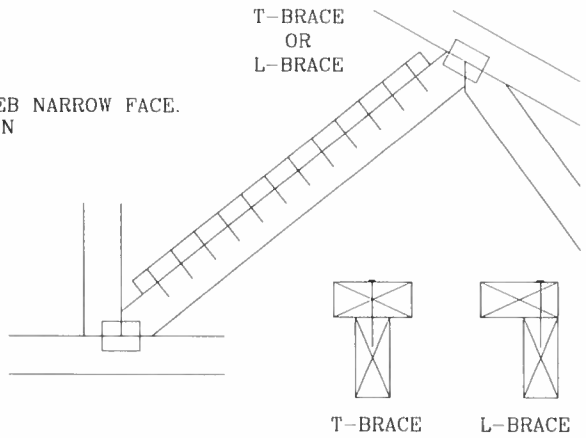
WEB MEMBER SIZE	SPECIFIED CLB BRACING	ALTERNATIVE BRACING T OR L-BRACE	ALTERNATIVE BRACING SCAB BRACE
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

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

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

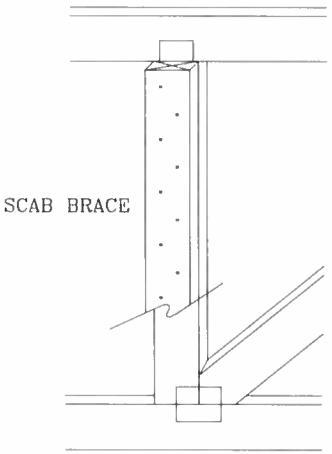
T-BRACING OR L-BRACING:

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



SCAB BRACING:

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



THIS DRAWING REPLACES DRAWING 579,640

ALPINE
ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

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

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
NOV 12

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

FORM 600A-2004

Permit # 26570

EnergyGauge® 4.1

FLORIDA ENERGY EFFICIENCY CODE NEW
FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	708212bLagoni,William	Builder:	
Address:	Lot: 6, Sub: Country Landing, Plat:	Permitting Office:	
City, State:	, FL	Permit Number:	
Owner:	Lagoni Residence	Jurisdiction Number:	
Climate Zone:	North		

1.	New construction or existing	New	
2.	Single family or multi-family	Single Family	
3.	Number of units, if multi-family	1	
4.	Number of Bedrooms	3	
5.	Is this a worst case?	No	
6.	Conditioned floor area (ft²)	2324 ft²	
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)		
	a. U-factor: (or Single or Double DEFAULT)	Description 7a.	Area (Dble Default) 352.5 ft²
	b. SHGC: (or Clear or Tint DEFAULT)	7b.	(Clear) 352.5 ft²
8.	Floor types		
	a. Slab-On-Grade Edge Insulation		R=0.0, 274.0(p) ft
	b. N/A		
	c. N/A		
9.	Wall types		
	a. Frame, Wood, Exterior		R=13.0, 1519.5 ft²
	b. Frame, Wood, Adjacent		R=13.0, 220.0 ft²
	c. N/A		
	d. N/A		
	e. N/A		
10.	Ceiling types		
	a. Under Attic		R=30.0, 2349.0 ft²
	b. N/A		
	c. N/A		
11.	Ducts		
	a. Sup: Unc. Ret: Unc. Attic: Interior		Sup: R=6.0, 150.0 ft
	b. N/A		

12.	Cooling systems	
	a. Central Unit	Cap: 49.0 kBtu/hr SEER: 13.00
	b. N/A	
	c. N/A	
13.	Heating systems	
	a. Electric Heat Pump	Cap: 49.0 kBtu/hr HSPF: 7.90
	b. N/A	
	c. N/A	
14.	Hot water systems	
	a. Electric Resistance	Cap: 40.0 gallons EF: 0.93
	b. N/A	
	c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)	
15.	HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	

Glass/Floor Area: 0.15

Total as-built points: 28003

Total base points: 31837

PASS

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.

PREPARED BY: _____

DATE: 5-28-08

I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.

OWNER/AGENT: _____

DATE: _____

Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes.

BUILDING OFFICIAL: _____

DATE: _____

[1] Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 6, Sub: Country Landing, Plat: , , FL, PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BSPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	SPM X	SOF	= Points	
.18	2324.0	20.04	8383.1	Double, Clear	N	1.5	4.5	12.0	19.20	0.90	207.4	
				Double, Clear	E	1.5	7.3	27.0	42.06	0.95	1073.6	
				Double, Clear	E	1.5	5.5	20.0	42.06	0.90	754.0	
				Double, Clear	N	1.5	5.5	60.0	19.20	0.93	1069.3	
				Double, Clear	N	1.5	5.5	20.0	19.20	0.93	356.4	
				Double, Clear	E	1.5	5.5	15.0	42.06	0.90	565.5	
				Double, Clear	S	1.5	5.5	80.0	35.87	0.83	2387.8	
				Double, Clear	S	6.0	7.3	13.5	35.87	0.55	265.7	
				Double, Clear	W	1.5	5.5	45.0	38.52	0.90	1554.9	
				Double, Clear	W	1.5	4.5	24.0	38.52	0.85	785.3	
				Double, Clear	W	1.5	6.5	36.0	38.52	0.93	1285.8	
				As-Built Total:				352.5			10305.7	

WALL TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM	= Points
Adjacent	220.0	0.70	154.0	Frame, Wood, Exterior	13.0	1519.5	1.50	2279.3
Exterior	1519.5	1.70	2583.2	Frame, Wood, Adjacent	13.0	220.0	0.60	132.0
Base Total:	1739.5		2737.2	As-Built Total:		1739.5		2411.3

DOOR TYPES	Area X	BSPM	= Points	Type	Area X	SPM	= Points
Adjacent	40.0	1.60	64.0	Exterior Insulated	20.0	4.10	82.0
Exterior	60.0	4.10	246.0	Exterior Insulated	40.0	4.10	164.0
				Adjacent Insulated	40.0	1.60	64.0
Base Total:	100.0		310.0	As-Built Total:	100.0		310.0

CEILING TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM X SCM =	Points
Under Attic	2324.0	1.73	4020.5	Under Attic	30.0	2340.0	1.73 X 1.00	4048.2
Base Total:	2324.0		4020.5	As-Built Total:		2340.0		4048.2

FLOOR TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM	= Points
Slab	274.0(p)	-37.0	-10138.0	Slab-On-Grade Edge Insulation	0.0	274.0(p	-41.20	-11288.8
Raised	0.0	0.00	0.0					
Base Total:			-10138.0	As-Built Total:		274.0		-11288.8

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 6, Sub: Country Landing, Plat: , , FL, PERMIT #:

BASE				AS-BUILT						
INFILTRATION	Area X	BSPM	= Points		Area X	SPM	= Points			
	2324.0	10.21	23728.0		2324.0	10.21	23728.0			
Summer Base Points: 29040.8				Summer As-Built Points:						29514.4
Total Summer Points	X System Multiplier	= Cooling Points		Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points	
				(sys 1 Central Unit 49000 btuh ,SEER/EFF(13.0) Ducts Unc(S),Unc(R),Int(AH),R6.0(INS)						
				29514	1.00	(1.09 x 1.147 x 0.91)	0.263	1.000	8815.7	
29040.8	0.4266	12388.8		29514.4	1.00	1.138	0.263	1.000	8815.7	

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 6, Sub: Country Landing, Plat: , , FL, PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BWPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF	= Points	
.18	2324.0	12.74	5329.4	Double, Clear	N	1.5	4.5	12.0	24.58	1.00	296.3	
				Double, Clear	E	1.5	7.3	27.0	18.79	1.02	519.6	
				Double, Clear	E	1.5	5.5	20.0	18.79	1.04	391.4	
				Double, Clear	N	1.5	5.5	60.0	24.58	1.00	1479.0	
				Double, Clear	N	1.5	5.5	20.0	24.58	1.00	493.0	
				Double, Clear	E	1.5	5.5	15.0	18.79	1.04	293.5	
				Double, Clear	S	1.5	5.5	80.0	13.30	1.15	1220.3	
				Double, Clear	S	6.0	7.3	13.5	13.30	2.42	434.6	
				Double, Clear	W	1.5	5.5	45.0	20.73	1.03	959.0	
				Double, Clear	W	1.5	4.5	24.0	20.73	1.04	518.7	
				Double, Clear	W	1.5	6.5	36.0	20.73	1.02	760.9	
				As-Built Total:				352.5			7366.4	

WALL TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Adjacent	220.0	3.60	792.0	Frame, Wood, Exterior	13.0	1519.5	3.40	5166.3
Exterior	1519.5	3.70	5622.1	Frame, Wood, Adjacent	13.0	220.0	3.30	726.0
Base Total:	1739.5		6414.1	As-Built Total:		1739.5		5892.3

DOOR TYPES	Area X	BWPM	= Points	Type	Area X	WPM	= Points
Adjacent	40.0	8.00	320.0	Exterior Insulated	20.0	8.40	168.0
Exterior	60.0	8.40	504.0	Exterior Insulated	40.0	8.40	336.0
				Adjacent Insulated	40.0	8.00	320.0
Base Total:	100.0		824.0	As-Built Total:	100.0		824.0

CEILING TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM X WCM	= Points
Under Attic	2324.0	2.05	4764.2	Under Attic	30.0	2340.0	2.05 X 1.00	4797.0
Base Total:	2324.0		4764.2	As-Built Total:		2340.0		4797.0

FLOOR TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Slab	274.0(p)	8.9	2438.6	Slab-On-Grade Edge Insulation	0.0	274.0(p	18.80	5151.2
Raised	0.0	0.00	0.0					
Base Total:			2438.6	As-Built Total:		274.0		5151.2

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 6, Sub: Country Landing, Plat: , , FL,** PERMIT #:

BASE				AS-BUILT						
INFILTRATION	Area X	BWPM	= Points		Area X	WPM	= Points			
	2324.0	-0.59	-1371.2		2324.0	-0.59	-1371.2			
Winter Base Points:			**18399.2**	**Winter As-Built Points:**						**22659.8**
Total Winter Points	X	System Multiplier	= Heating Points	Total Component (System - Points)	X	Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
				(sys 1: Electric Heat Pump 49000 btuh ,EFF(7.9) Ducts:Unc(S),Unc(R),Int(AH),R6.0						
18399.2	0.6274		11543.6	22659.8	1.000	1.00	(1.069 x 1.169 x 0.93) 1.162	0.432	1.000	11367.3

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

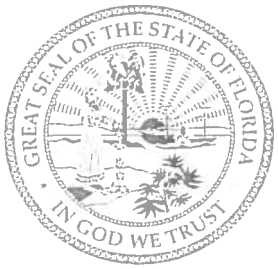
ADDRESS: Lot: 6, Sub: Country Landing, Plat: , , FL, PERMIT #:

BASE				AS-BUILT							
WATER HEATING											
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X	Tank Ratio	X Multiplier	X Credit Multiplier	= Total
3		2635.00	7905.0	40.0	0.93	3		1.00	2606.67	1.00	7820.0
				As-Built Total:							7820.0

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
12389	11544	7905	31837	8816	11367	7820	28003

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 6, Sub: Country Landing, Plat: , , FL, PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	606.1 ABC 1.1	Maximum: .3 cfm/sq.ft. window area: .5 cfm/sq ft. door area.	
Exterior & Adjacent Walls	606.1.ABC.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall, foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	
Floors	606.1.ABC.1.2.2	Penetrations/openings >1/8" sealed unless backed by truss or joint members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	
Ceilings	606.1.ABC.1.2.3	Between walls & ceilings; penetrations of ceiling plane of top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.	
Recessed Lighting Fixtures	606.1.ABC.1.2.4	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC rated with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	606.1.ABC.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	606.1.ABC.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

6A-22 OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 612.1.ABC.3.2. Switch or clearly marked cir breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 85.4

The higher the score, the more efficient the home.

Lagoni Residence, Lot: 6, Sub: Country Landing, Plat: , , FL,

1.	New construction or existing	New	
2.	Single family or multi-family	Single family	
3.	Number of units, if multi-family	1	
4.	Number of Bedrooms	3	
5.	Is this a worst case?	No	
6.	Conditioned floor area (ft²)	2324 ft²	
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)		
	a. U-factor: (or Single or Double DEFAULT)	7a. (Dble Default) 352.5 ft²	
	b. SHGC: (or Clear or Tint DEFAULT)	7b. (Clear) 352.5 ft²	
8.	Floor types		
	a. Slab-On-Grade Edge Insulation	R=0.0, 274.0(p) ft	
	b. N/A		
	c. N/A		
9.	Wall types		
	a. Frame, Wood, Exterior	R=13.0, 1519.5 ft²	
	b. Frame, Wood, Adjacent	R=13.0, 220.0 ft²	
	c. N/A		
	d. N/A		
	e. N/A		
10.	Ceiling types		
	a. Under Attic	R=30.0, 2340.0 ft²	
	b. N/A		
	c. N/A		
11.	Ducts		
	a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 150.0 ft	
	b. N/A		
12.	Cooling systems		
	a. Central Unit	Cap: 49.0 kBtu/hr SEER: 13.00	
	b. N/A		
	c. N/A		
13.	Heating systems		
	a. Electric Heat Pump	Cap: 49.0 kBtu/hr HSPF: 7.90	
	b. N/A		
	c. N/A		
14.	Hot water systems		
	a. Electric Resistance	Cap: 40.0 gallons EF: 0.93	
	b. N/A		
	c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)		
15.	HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)		

I certify that this home has complied with the Florida Energy Efficiency Code For Building Construction through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL Display Card will be completed based on installed Code compliant features.

Builder Signature: _____ Date: _____

Address of New Home: _____ City/FL Zip: _____

**NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar™ designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs at 850/487-1824.*

1 Predominant glass type. For actual glass types and areas, see Summer & Winter Glass output on pages 2&4