

ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 0 278
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID: IUPY487-Z0301120756



Truss Fabricator: Anderson Truss Company
Job Identification: 12-269--Doug Edgley Curtis & Tanya Neeley Res -- Lake City, FL
Truss Count: 40
Model Code: Florida Building Code 2010
Truss Criteria: FBC2010Res/TPI-2007(STD)
Engineering Software: Alpine Software, Version 10.03.
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 - 37.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 120 MPH ASCE 7-10 -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: HCUSR487

William H. Krick
-Truss Design Engineer-

1950 Marley Drive
Haines City, FL 33844

Details: BRCLBSUB-12015EC1-GBLLETIN-GABRST10-

#	Ref	Description	Drawing#	Date
1	65407--A		12275062	10/01/12
2	65408--A1		12275063	10/01/12
3	65409--AS		12275064	10/01/12
4	65410--AT		12275065	10/01/12
5	65411--AT1		12275066	10/01/12
6	65412--AT2		12275067	10/01/12
7	65413--AT3		12275068	10/01/12
8	65414--B		12275069	10/01/12
9	65415--B1		12275070	10/01/12
10	65416--BGE		12275071	10/01/12
11	65417--C		12275072	10/01/12
12	65418--C1		12275073	10/01/12
13	65419--C2		12275074	10/01/12
14	65420--C3		12275075	10/01/12
15	65421--C4		12275076	10/01/12
16	65422--CGE		12275077	10/01/12
17	65423--CGE1		12275078	10/01/12
18	65424--CGE2		12275079	10/01/12
19	65425--CJ1		12275080	10/01/12
20	65426--CJ3		12275081	10/01/12
21	65427--CJ3T		12275082	10/01/12
22	65428--CJ5		12275083	10/01/12
23	65429--CJ5T		12275084	10/01/12
24	65430--EJ7		12275085	10/01/12
25	65431--EJ7T		12275086	10/01/12
26	65432--H11AS		12275087	10/01/12
27	65433--H11AT		12275088	10/01/12
28	65434--H13A		12275089	10/01/12
29	65435--H13AS		12275090	10/01/12
30	65436--H15AS		12275091	10/01/12
31	65437--H17P		12275092	10/01/12
32	65438--H19P		12275093	10/01/12
33	65439--H7AS		12275094	10/01/12
34	65440--H7AT		12275095	10/01/12
35	65441--H9AS		12275096	10/01/12
36	65442--H9AT		12275097	10/01/12

#	Ref	Description	Drawing#	Date
37	65443--HJ7		12275098	10/01/12
38	65444--HJ7T		12275099	10/01/12
39	65445--P		12275100	10/01/12
40	65446--P1		12275101	10/01/12



Top chord 2x4 SP #1_12A
Bot chord 2x4 SP #1_12A
Webs 2x4 SP #3_12A

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 13.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCPI(+/-)=0.18

Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

Wind loads and reactions based on MWFRS with additional C&C member design.

(a) 1x4 #3SR8 SPF-S or better "I" brace, 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.) nails @ 6" OC.

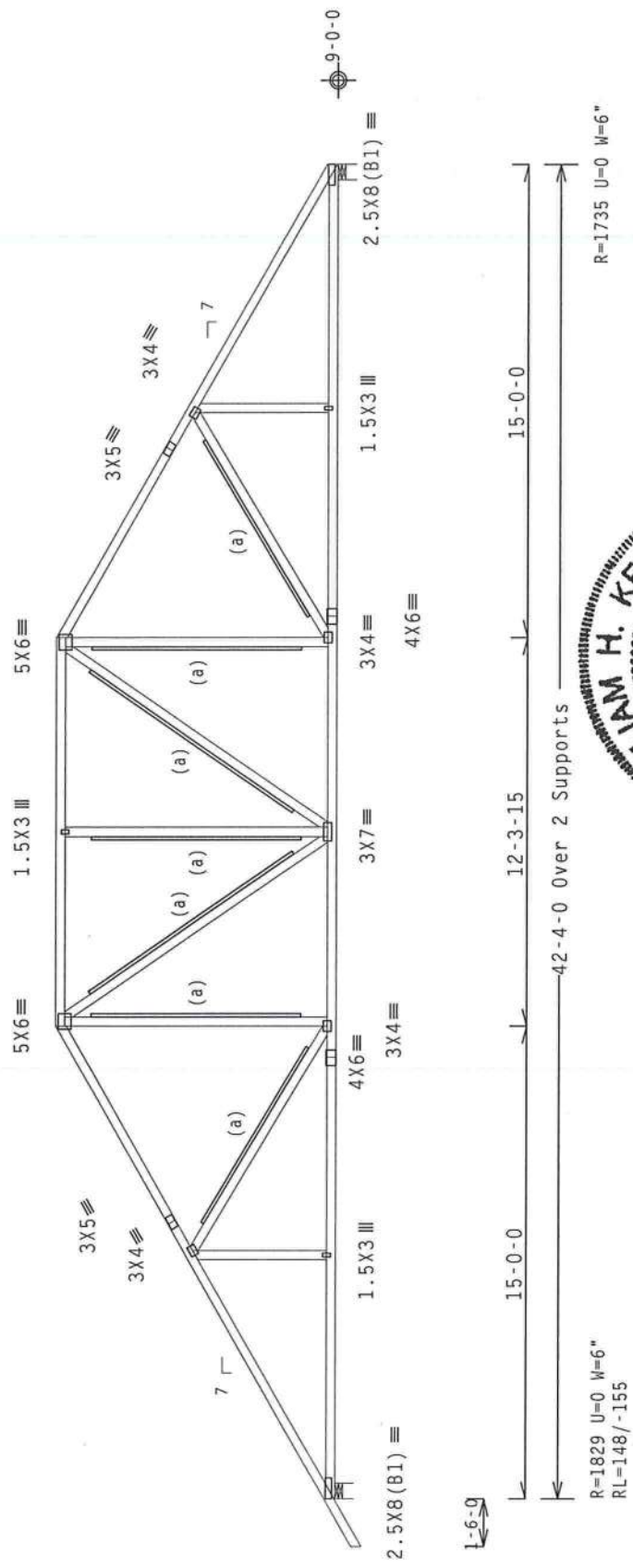
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Bottom chord checked for 10.00 psf non-concurrent live load.

MWFRS loads based on trusses located at least 15.00 ft. from roof edge.

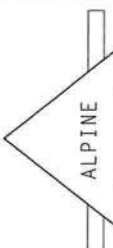
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



PLT TYP. Wave

Design Crit: FBC2010Res/TPI-2007(STD)
FT/RT=10%(0%)/0(0)

Scale = .1875"/Ft.

 ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0278	**WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET. FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.				REF R487-- 65407			
	Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Trusses shall be installed in accordance with the manufacturer's instructions. Trusses shall be installed in accordance with the manufacturer's instructions. Trusses shall be installed in accordance with the manufacturer's instructions.				DATE 10/01/12			
	Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint shall have bracing installed per BCS1 sections B3, B7 or B10, as applicable.				DRW HCUSR487 12275062			
	ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design of trusses. Apply plates to each face of truss and position as shown above and on the job details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on the bottom chord of the truss shall be provided. The suitability and use of this design for structures is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This Job's general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpiinst.org; WCA: www.wcaindustry.com; ICC: www.iccsafe.org				HC-ENG WHK/WHK			
					SEQN- 23442			
					JREF- 1UPY487_Z03			



(12-269--Doug Edgley Curtis & Tanya Neeley Res -- Lake City, FL - A1)

Top chord 2x4 SP #1_12A
Bot chord 2x4 SP #1_12A
Webs 2x4 SP #3_12A

Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

(a) 1x4 #3SRB SPF-S or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" OC.

Bottom chord checked for 10.00 psf non-concurrent live load.

MWFRS loads based on trusses located at least 15.00 ft. from roof edge.

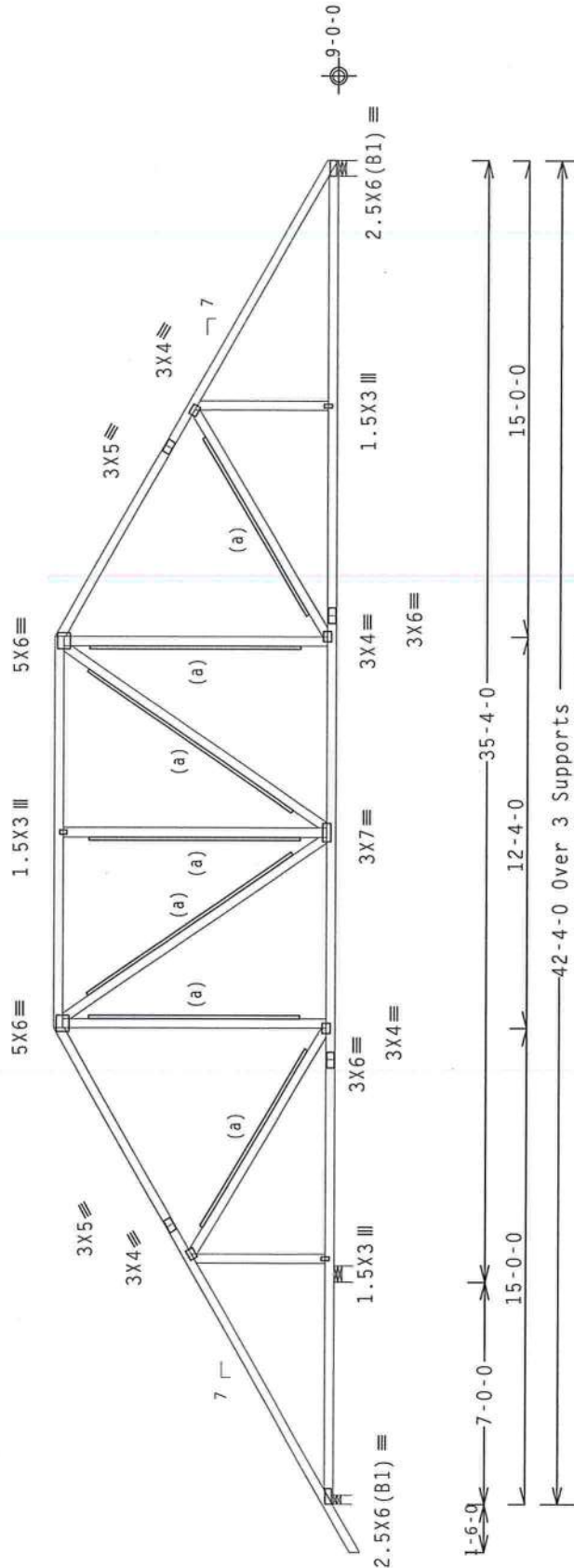
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 13.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCPI (+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

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

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



R=688 U=0 W=3.5
RL=148/-155

R=1225 U=0 W=6"

R=1404 U=0 W=6"

PLT TYP. Wave

Design Crit: FBC2010Res/TPI-2007 (STD)
FT/RT=10% (0%) / 0 (0)

Scale = .1875" / Ft.

 ALPINE ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0278	**WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET! **IMPORTANT** FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and MTCA) practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of web shall have bracing installed per BCSI sections B3, B7 or B10, as applicable. ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing, or bracing. Apply plates to each face of truss and position as shown above and on the Job. Details of trusses shall be provided by the Designer. A Seal on the drawing or cover page listing this drawing. The suitability and use of this design for any structure is the responsibility solely of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This Job's general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpiinst.org; MTCA: www.sbcindustry.com; ICC: www.iccsafe.org		No. 70881 STATE OF FLORIDA PROFESSIONAL ENGINEER 10/01/2012	
	TC LL	20.0	PSF	
	TC DL	7.0	PSF	
	BC DL	10.0	PSF	
	BC LL	0.0	PSF	
TOT.LD.		37.0	PSF	
DUR.FAC.		1.25		
SPACING		24.0"		
REF R487 --		65408		
DATE		10/01/12		
DRW HCUSR487		12275063		
HC-ENG WHK/WHK				
SEQN-		23443		
JREF-		1UPY487_Z03		

(12-269--Doug Edgley Curtis & Tanya Neeley Res -- Lake City, FL - AT)

Top chord 2x4 SP #1_12A
Bot chord 2x4 SP #1_12A
Webs 2x4 SP #3_12A

Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

(a) 1x4 #3SRB SPF-S or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" OC.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

WMFRS loads based on trusses located at least 15.00 ft. from roof edge.

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

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 13.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf, GCPI(+/-)=0.18

Wind loads and reactions based on WMFRS with additional C&C member design.

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

Bottom chord checked for 10.00 psf non-concurrent live load.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

1.5X3 III

5X6 III

1.5X3 III

5X6 III

3X5 III

2.5X6 III
4X4 (R) III

1.5X3 III

(a)

(a)

3X4 III

3X5 III

7

9-0-0

2.5X6 (B1) III

4X6 (R) III

6X6 III

2X4 III

3X6 III

3X7 III

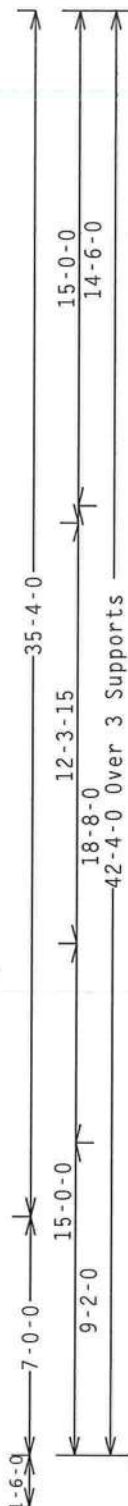
1.5X3 III

1-0-0

7X6 III

3X7 III

2.5X6 (B1) III



R=1371 U=0 W=6"

R=2142 U=0 W=6"

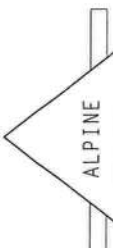
R=192 U=20 W=3.5"
RL=148/-155

PLT TYP. Wave

Design Crit: FBC2010Res/TPI-2007(STD)
FT/RT=10%(0%)/0(0)

FL/-4/-/R/-

Scale = .1875"/Ft.

 ALPINE ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0278	**WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET! FURNISH THIS DESIGN TO ALL CONTRACTORS INSTALLING.		No. 70861 03/11/02/09/20 WILLIAM H. KRICK LICENSED PROFESSIONAL ENGINEER STATE OF FLORIDA		TC LL	20.0 PSF	REF	R487--	65410
	Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the ITW Building Components Group Inc. (ITWBCG) website for detailed information. By TPI and MTA, the undersigned hereby warrant that the design and construction of the trusses shall conform to the ITWBCG website information. The undersigned shall have a properly attached rigid ceiling. Locations shown for ornamental lateral restraint of trusses shall have bracing installed per BCGI sections 83, 87 or 810, as applicable.		No. 70861 03/11/02/09/20 WILLIAM H. KRICK LICENSED PROFESSIONAL ENGINEER STATE OF FLORIDA		TC DL	7.0 PSF	DATE	10/01/12	
	ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design of trusses. Apply plates to each face of truss and position as shown above and on the bottom chord. Unless noted otherwise, refer to drawings 160A-2 for standard plate positions. A seal of approval is required for all trusses. The undersigned shall have a properly attached rigid ceiling. Locations shown for ornamental lateral restraint of trusses shall have bracing installed per BCGI sections 83, 87 or 810, as applicable.		No. 70861 03/11/02/09/20 WILLIAM H. KRICK LICENSED PROFESSIONAL ENGINEER STATE OF FLORIDA		BC DL	10.0 PSF	DRW	HCUSR487	12275065
	any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the bottom chord. Unless noted otherwise, refer to drawings 160A-2 for standard plate positions. A seal of approval is required for all trusses. The undersigned shall have a properly attached rigid ceiling. Locations shown for ornamental lateral restraint of trusses shall have bracing installed per BCGI sections 83, 87 or 810, as applicable.		No. 70861 03/11/02/09/20 WILLIAM H. KRICK LICENSED PROFESSIONAL ENGINEER STATE OF FLORIDA		BC LL	0.0 PSF	HC-ENG	WHK/WHK	
	The undersigned shall not be responsible for any deviation from the design of trusses. Apply plates to each face of truss and position as shown above and on the bottom chord. Unless noted otherwise, refer to drawings 160A-2 for standard plate positions. A seal of approval is required for all trusses. The undersigned shall have a properly attached rigid ceiling. Locations shown for ornamental lateral restraint of trusses shall have bracing installed per BCGI sections 83, 87 or 810, as applicable.		No. 70861 03/11/02/09/20 WILLIAM H. KRICK LICENSED PROFESSIONAL ENGINEER STATE OF FLORIDA		TOT. LD.	37.0 PSF	SEON-	23446	
	The undersigned shall not be responsible for any deviation from the design of trusses. Apply plates to each face of truss and position as shown above and on the bottom chord. Unless noted otherwise, refer to drawings 160A-2 for standard plate positions. A seal of approval is required for all trusses. The undersigned shall have a properly attached rigid ceiling. Locations shown for ornamental lateral restraint of trusses shall have bracing installed per BCGI sections 83, 87 or 810, as applicable.		No. 70861 03/11/02/09/20 WILLIAM H. KRICK LICENSED PROFESSIONAL ENGINEER STATE OF FLORIDA		DUR. FAC.	1.25			
						SPACING	24.0"	JREF-	1UPY487_Z03

Top chord	2x4	SP_#1_12A
Bot chord	2x4	SP_#1_12A
webs	2x4	SP_#3_12A

120 mph wind, 15.00 ft mean hgt., ASCE 7-10, CLOSED bldg, not located within 13.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf, GCpi(+/-)=0.18

Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

Right cantilever is exposed to wind

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

Bottom chord checked for 10.00 psf non-concurrent live load.

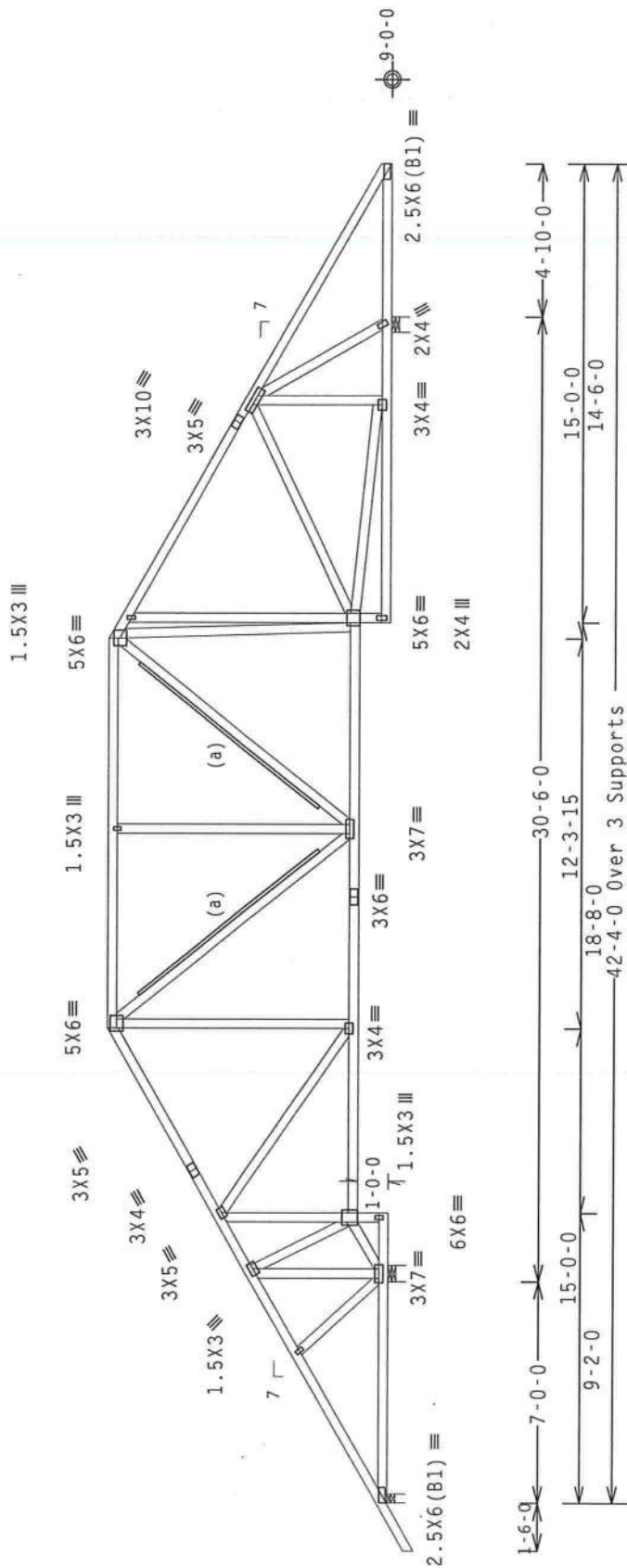
MWFRS loads based on trusses located at least 15.00 ft. from roof edge.

Wind loads and reactions based on MWFRS with additional C&C member design.

(a) 1x4 #3SRB SPF-S or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" OC.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



R=280 U=9 W=3.5"
RL=148/-155

R=1727 U=0 W=6"

R=1636 II=0 W=6"

PLT TYP. Wave

Design Crit: FBC2010Res/TPI-2007 (STD)
FT/RT=10%(0%)/0(0)

FL/-/4/-/-/R/-

Scale = 1875"/Ft.

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET!
****IMPORTANT**** FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Please refer to the latest edition of RCSC (Building Component Safety Information, by FPI and MICA) for details on proper bracing and erection of trusses. If the trusses are to be braced by RCSC, the following must be noted otherwise, top chord shall have properly attached structural steel bracing. The bottom chord shall have a properly attached RCSC section. The end connections shall have bracing installed per RCSC sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the information provided in this drawing or specification for handling, shipping, installing, erecting, bracing or trussing. Apply plates to each face of truss and fasten as shown. See details. Unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This Job's Engineering Office: ITWBCG; www.itwbcg.com; TPI: www.tpi.net; WFL: www.sbcinfocenter.com; ESE: www.esecorp.org



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

10/01/2012

DUR. FAC. 1.23

1

1

1

1

1

1

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Top chord 2x4 SP_#1_12A
Bot chord 2x4 SP_#1_12A
Webs 2x4 SP_#3_12A

Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

(a) 1x4 #3SRB SPF-S or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" OC.

Bottom chord checked for 10.00 psf non-concurrent live load.

WMFRS loads based on trusses located at least 15.00 ft. from roof edge.

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 13.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCPI (+/-)=0.18

Wind loads and reactions based on WMFRS with additional C&C member design.

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

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

1.5X3 III

5X6=

1.5X3 III

5X6=

3X5= 3X4=

3X4=

7

4X7 (R) III

5X8=

1.5X4 III

3X6 (B1) =

3X4=

3X6=

3X7=

5X8=

2X4 III

4X7 (R) III

3X6 (B1) =

3X4=

3X5=

3X4=

9-0-0

L-6-0

9-2-0 15-0-0 18-8-0 12-3-15 15-0-0

42-4-0 Over 2 Supports 14-6-0

R=1706 U=0 W=6"
RL=148/-155

R=1611 U=0 W=6"

PLT TYP. Wave

Design Crit: FBC2010Res/TPI-2007 (STD)
FT/RT=10%(0%)/0(0)

Scale = .1875"/Ft.

FL/- /4/- /- /R/-

REF	R487--	65413
DATE	10/01/12	
DRW	HCUR487	12275068
HC-ENG	WHK/WHK	
SEON-	23447	
DUR.FAC.	1.25	
SPACING	24.0"	
JREF-	IUPY487_Z03	

10/01/2012

William H. Kricken
Professional Engineer
No. 70861
10/03/11.0209-2d

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

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf, GCpi (+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



28-0-0 Over 2 Supports

Design Crit: FBC2010Res/TPI-2007(Std)
FT/RT=10%(0%)/0(0)Design Crit: FBC2010Res/TPI-2007(Std)
FT/RT=10%(0%)/0(0)

Scale = .25"/Ft.

****WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET!**

****IMPORTANT** FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.**

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSP (Building Component Safety) Information, by TPI and WTCs practices prior to performing these functions. Installers shall provide temporary bracing per BCSP. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraints shall have bracing installed per BCSP sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing, bracing of trusses. Apply plates to each face of truss and position as shown above and on the Job Details. Unless noted otherwise, refer to drawings 160A-2 for standard plate positions. A seal on details is required for all connections. The suitability of the professional engineering responsibility solely for the design shown. The suitability of the professional engineering responsibility for the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This Job's general notes page: ITW-8CG; www.itwbcg.com; TPI: www.tpinet.org; WTCs: www.wtcscorp.org

REF	R487 --	65414	TC LL	20.0	PSF
DATE	10/01/12		TC DL	7.0	PSF
DRW	HCUSR487	12275069	BC DL	10.0	PSF
HC-ENG	WHK/WHK		BC LL	0.0	PSF
SEQN-	23413		TOT. LO.	37.0	PSF
			DUR. FAC.	1.25	
JREF-	1UPY487_Z03		SPACING	24.0"	

ALPINE

Haines City, FL 33844

FL COA #0 278

Top chord 2x4 SP #1_12A
Bot chord 2x4 SP #1_12A
Webs 2x4 SP #3_12A

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 4.50 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf, 6Cpl (+/-)=0.18

Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

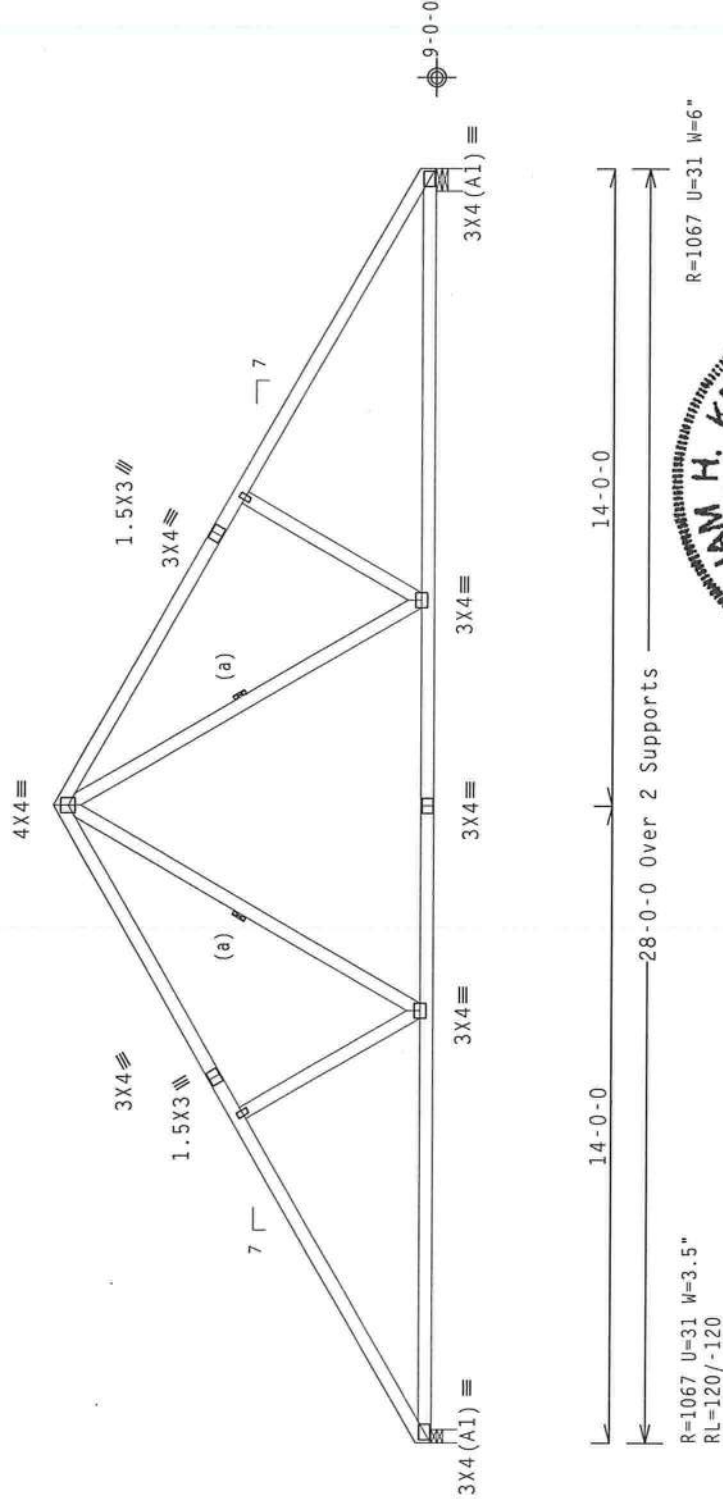
Wind loads and reactions based on MWFRS with additional C&C member design.

(a) Continuous lateral bracing equally spaced on member.

Bottom chord checked for 10.00 psf non-concurrent live load.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

MWFRS loads based on trusses located at least 7.50 ft. from roof edge.



PLT TYP. Wave

Design Crit: FBC2010Res/TPI-2007 (STD)
FT/RT=10%(0%)/0(0)

Scale = .25"/Ft.

 ALPINE Haines City, FL 33844 FL COA #0278	FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.		IC LL	20.0 PSF	REF	R487--	65415
	READ AND FOLLOW ALL NOTES ON THIS SHEET:		TC DL	7.0 PSF	DATE	10/01/12	
	WARNING Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and MTCA) for details and instructions. Installers shall provide temporary bracing in accordance with the instructions. Trusses shall be installed in accordance with the instructions. Trusses shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraining shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.		BC DL	10.0 PSF	DRW	HCUSR487	12275070
	IMPORTANT Trusses shall not be responsible for any deviation from any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the job site. Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on the drawing or cover page listing this drawing, indicates acceptance of professional engineering. The responsibility of the Building Designer, per ANSI/TPI 1, shall not be transferred to the truss manufacturer. General notes page: ITW-BCSI: www.itwbcg.com; TPI: www.tpinet.org; MTCA: www.bcsiindustry.com; ICC: www.iccsafe.org		BC LL	0.0 PSF	HC-ENG	WHK/WHK	
			TOT.LD.	37.0 PSF	SEQN-	23412	
10/01/2012		DUR.FAC.	1.25	SPACING	24.0"	JREF-	1UPY487_Z03

Top chord 2x4 SP-#1_12A
Bot chord 2x4 SP-#1_12A
Webs 2x4 SP-#3_12A
Stack Chord SC1 2x4 SP-#1_12A:

Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

See DWGS A12015ENC100212, GBLLETIN0212, & GABRST100212 for more requirements.

Stacked top chord must NOT be notched or cut in area (NNL). Dropped top chord braced at 24" o.c. intervals. Attach stacked top chord (SC) to dropped top chord in notchable area using 3x4 tie-plates 24" o.c. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in notchable area using 3x6.

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg. Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

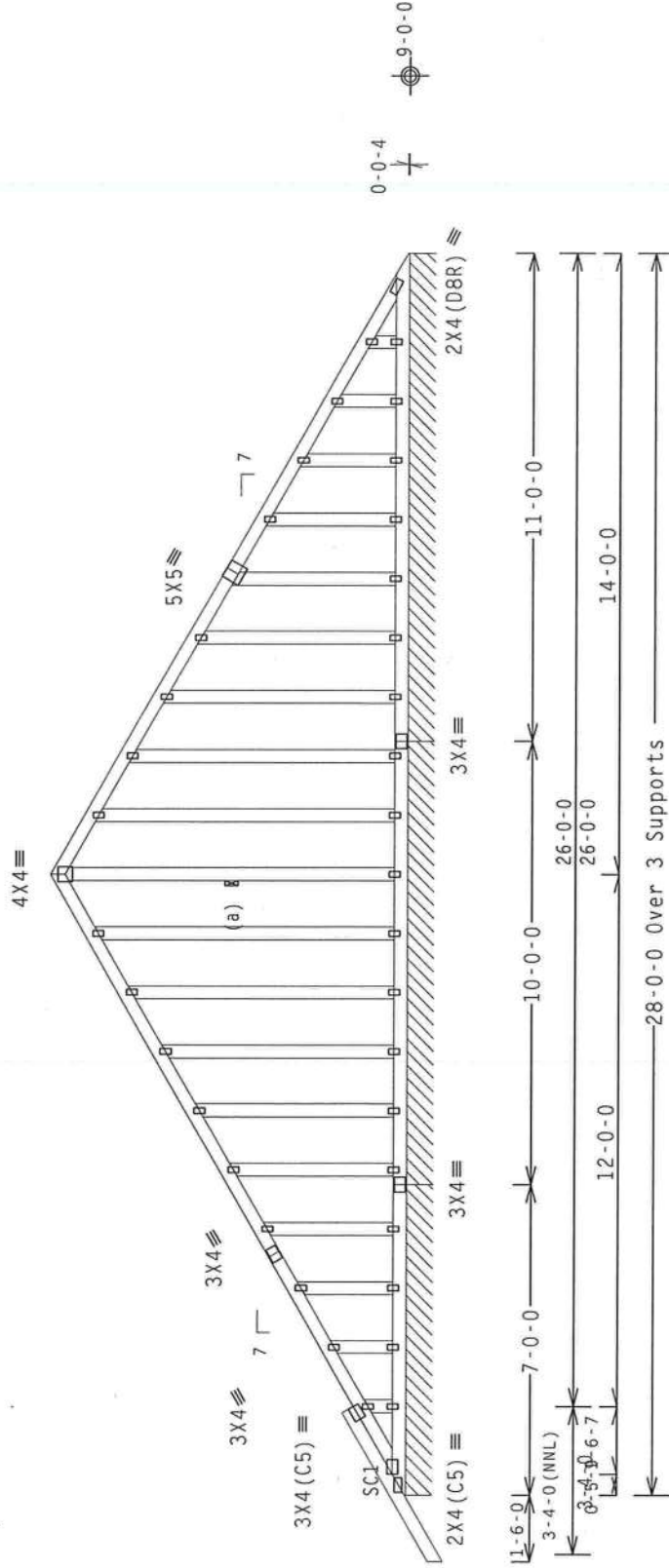
Wind loads and reactions based on MWFRS with additional C&C member design.

Gable end supports 8" max rake overhang.

(a) Continuous lateral bracing equally spaced on member.

Bottom chord checked for 10.00 psf non-concurrent live load.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



R=87 PLF U=4 PLF W=7-0-0
R=18/-19 PLF

Note: All Plates Are 1.5X3 Except As Shown.

Design Crit: FBC2010Res/TPI-2007 (STD)
FT/RT=10%(0%)/0(0)

PLT TYP. Wave

R=73 PLF U=4 PLF W=7-0-0

R=81 PLF U=0 PLF W=10-0-0

Scale = .25" / Ft.

TC LL 20.0 PSF

TC DL 7.0 PSF

BC DL 10.0 PSF

BC LL 0.0 PSF

TOT.L.D. 37.0 PSF

DUR.FAC. 1.25

SPACING 24.0"

REF	R487--	65416
DATE	10/01/12	
DRW	HCUSR487	12275071
HC-ENG	WHK/WHK	
SEQN-	23414	
JREF-	1UPY487_Z03	

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Haines City, FL 33844
FL COA #0 278

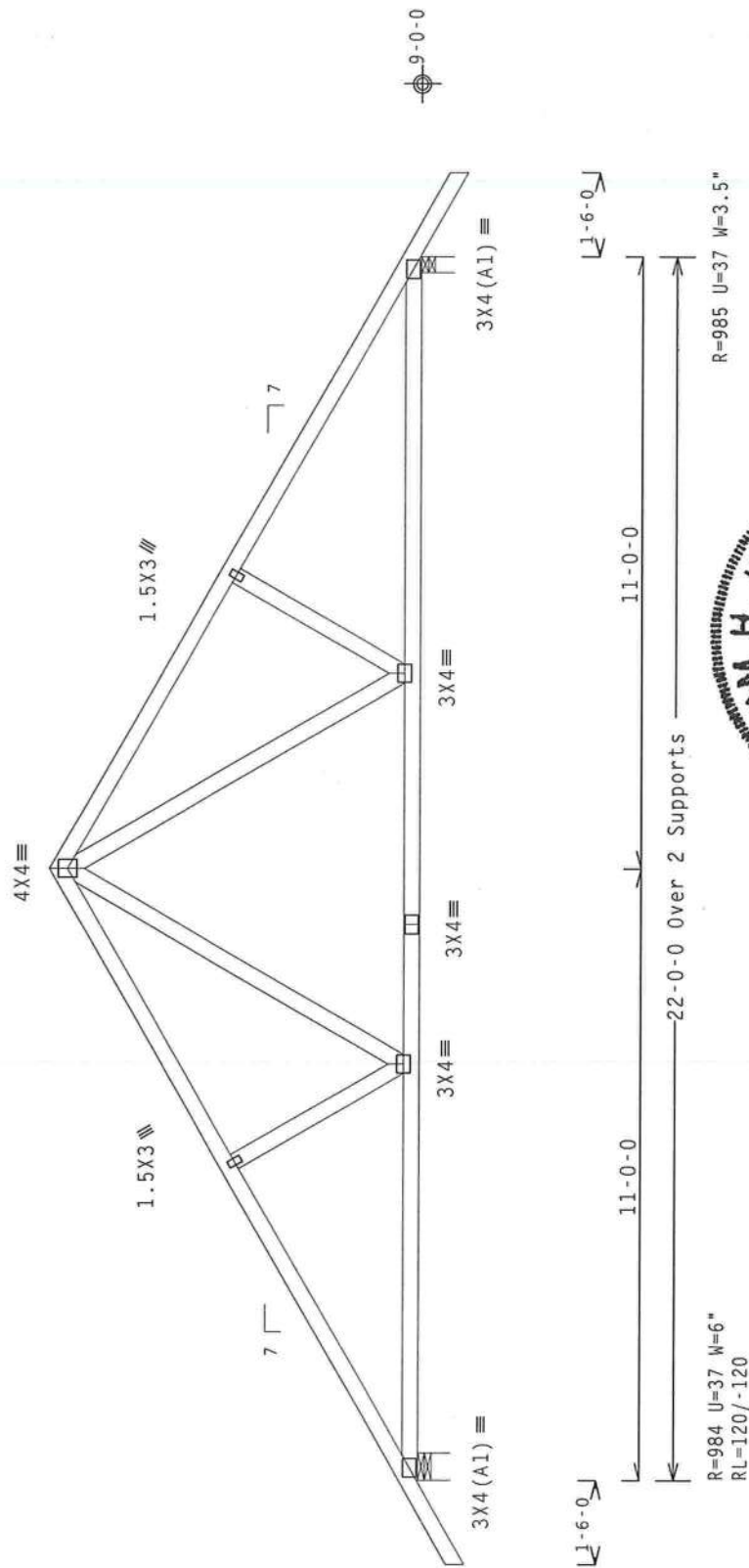
Professional Engineer Seal for William H. Krick, No. 70861, State of Florida. The seal includes the text "FLORIDA PROFESSIONAL ENGINEER" and "WILLIAM H. KRICK".

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 4.50 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf, GCpi (+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

Bottom chord checked for 10.00 psf non-concurrent live load.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Design Crit: FBC2010Res/TPI-2007 (STD
FT/RT=10%(0%)/0(0)

Scale = .3125"/Ft.

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844
FL COA #0 278

No. 70861

STATE OF FLORIDA

PROFESSIONAL ENGINEER

10/01/2012

****IMPORTANT**** READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and MICA) practices prior to performing these functions. Installers shall provide temporary bracing unless noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A sealant is required for the design and drawing. Indicates acceptance of professional engineering responsibility of the Building Designer per ANSI/TPI 1 Sec. 2. For more information visit: www.tcpsafe.org

general notes page: ITW-BCG; www.itwbcg.com; TPI: www.tpinet.org; MICA: www.bcsiindustry.com; ICC: www.iccsafe.org

(12-269--Doug Edgley Curtis & Tanya Neeley Res -- Lake City, FL - C1)

Top chord	2x4	SP_#1_12A
Bot chord	2x4	SP_#1_12A
webs	2x4	SP_#3_12A

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCPI (+/-)=0.18

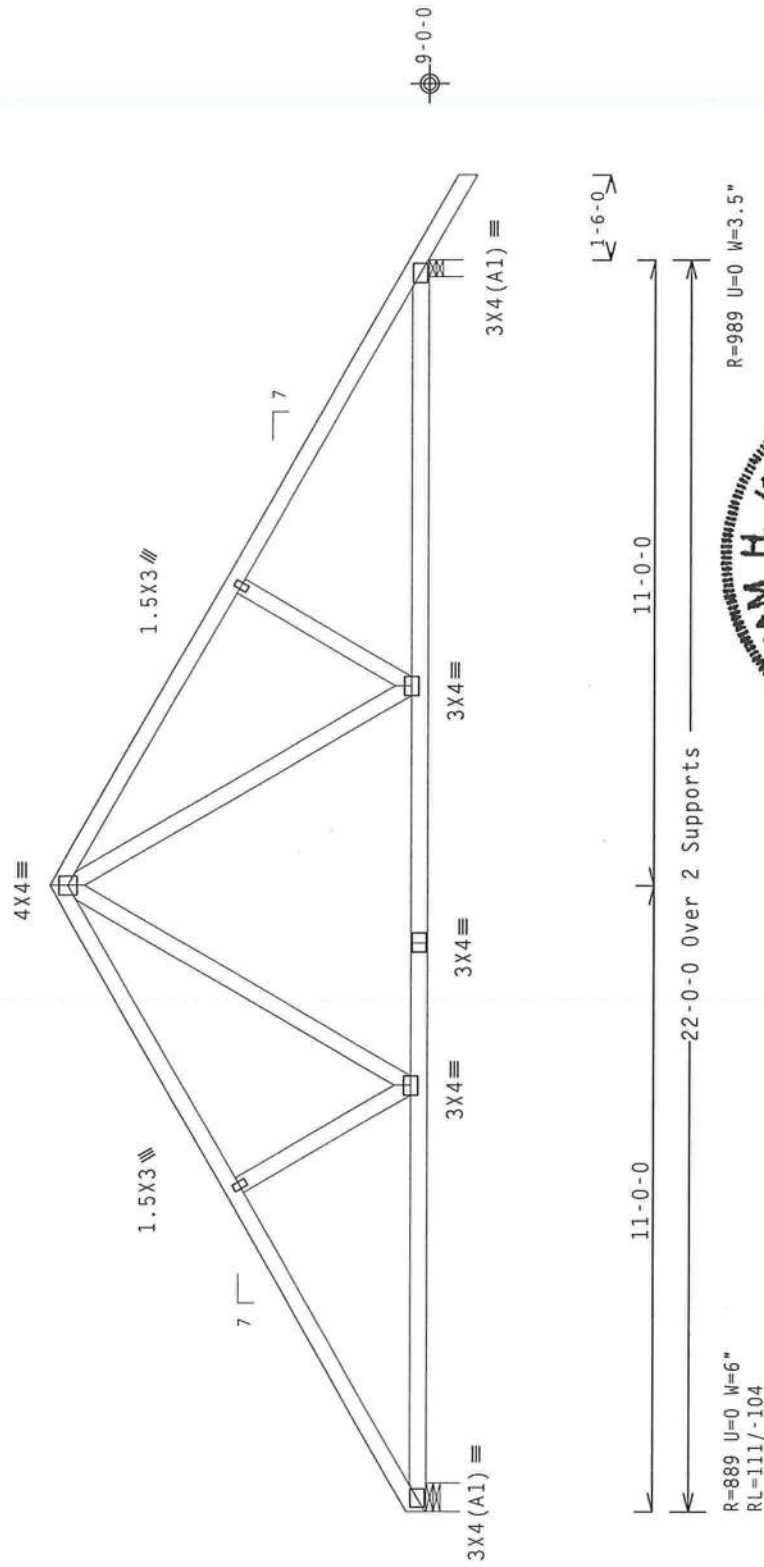
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

Wind loads and reactions based on MWFRS with additional C&C member design.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Bottom chord checked for 10.00 psf non-concurrent live load.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



R=889 U=0 W=6"
RL=111/-104

-22-0-0 Over 2 Supports

R=989 I=0 W=3.5"

PLT TYP. Wave

Design Crit: FBC2010Res/TPI-2007 (STD)
FT/RT=10%(0%) / 0(0)

Scale = .3125"/Ft.

FL/-/4/-/-/R/-

REF R487-- 65418

TC LL	20.0 P
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DATE 10/01/12

TC DL 7.0 P

DRW HCUSR487 12275073

BC DL 10.0 P

HC-ENG WHK/WHK

BC LL 0.0 P

SEQN-	23429
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TOT.LD. 37.0 P

DUR.FAC.	1.25
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JREF- 1UPY487 703

SPACING 24.0"

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET!
****IMPORTANT**** FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and WPCA) to ensure safe erection.

practices prior to performing these functions. Insulators shall provide temporary bracing for walls and ceilings as required. Insulation shall be installed in accordance with applicable codes. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of walls shall have a properly attached rigid ceiling.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the above specifications. ITWBCG shall have bracing installed per BCSC sections 83, 87 or 810, as applicable.

any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing, or bracing of trusses. Apply plates to each face of truss and position as shown above and on the details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. A seal is required for all connections.

drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the building official.

the responsibility of the building designer per ANSI/AP1 1 Sec. 2.2. For more information see: general notes page: ITW-BG5; www.itwbg.com; TPI: www.tpinet.org; WTCa: www.sbcindustry.com; ICC: www.iccsafe.org

Top chord 2x4 SP_#1_12A
Bot chord 2x4 SP_#1_12A
Webs 2x4 SP_#3_12A

120 mph wind, 15.00 ft mean htg, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge. RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf, GCpl(+/-)=0.18

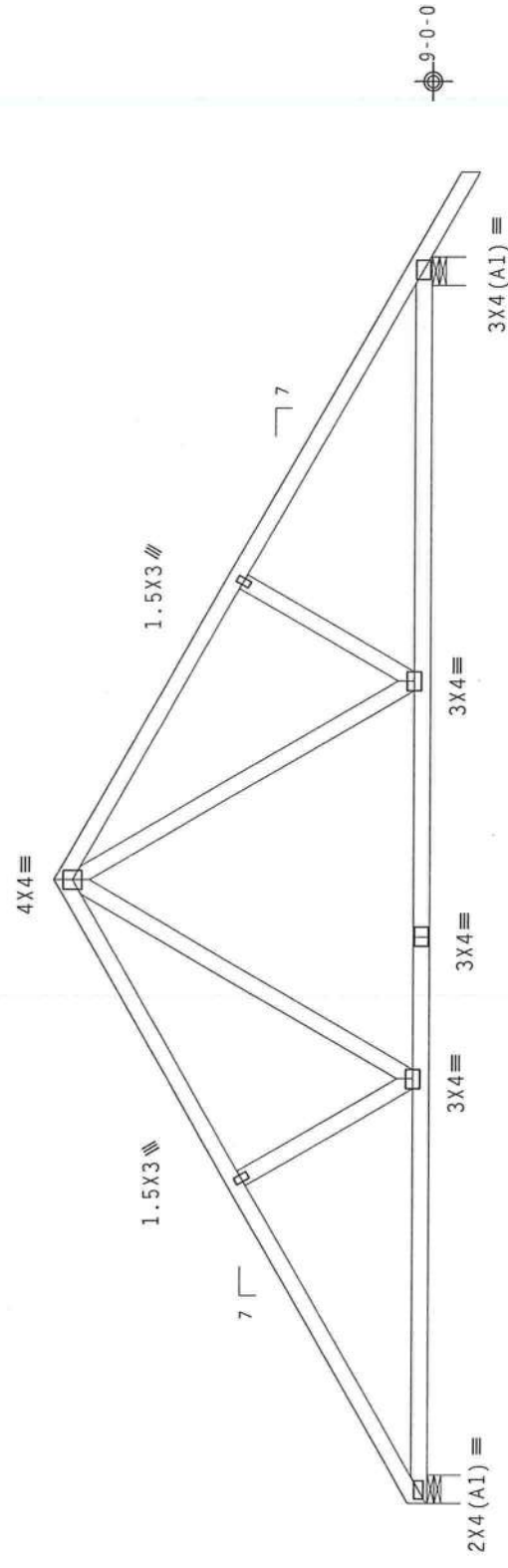
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

Wind loads and reactions based on MWFRS with additional C&C member design.

Bottom chord checked for 10.00 psf non-concurrent live load.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

MWFRS loads based on trusses located at least 15.00 ft. from roof edge.

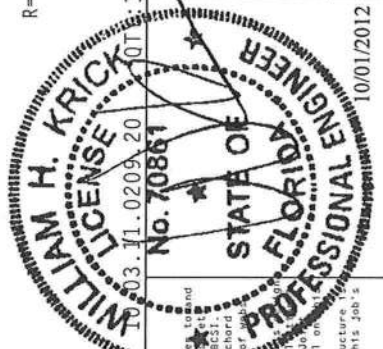


11'-0" 11'-0" 22'-0" Over 2 Supports
R=835 U=0 W=6"
RL=111/-104
R=933 U=0 W=6"

PLT TYP. Wave

Design Crit: FBC2010Res/TPI-2007 (STD)
FT/RT=10%(0%)/0(0)

Scale = .3125"/Ft.



****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET.
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Trusses shall be erected and braced in accordance with the manufacturer's instructions and the American Institute of Steel Construction, Inc. (AISC) Manual of Steel Construction, 13th Edition, Part 10, "Trusses".
Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BC51 sections B3, B7 or B10, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design shown on this drawing. The user of this drawing shall be responsible for any deviation from the design shown on this drawing. The user of this drawing shall be responsible for any deviation from the design shown on this drawing.
General notes page: ITW-BCG.com; TPI: www.tpinet.org; NTC: www.ntcindustry.com; ICC: www.iccsafe.org

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

REF	R487--	65419
DATE	10/01/12	
DRW	HCUSR487	12275074
HC-ENG	WHK/WHK	
SEQN-	23430	
TOT.LD.	37.0	PSF
DUR.FAC.	1.25	
SPACING	24.0"	

(12-269--Doug Edgley Curtis & Tanya Neeley Res -- Lake City, FL - C3)

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

Top chord 2x4 SP_#1_12A
Bot chord 2x4 SP_#1_12A
Webs 2x4 SP_#3_12A

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 4.50 ft from roof edge. RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpl (+/-)=0.18

Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

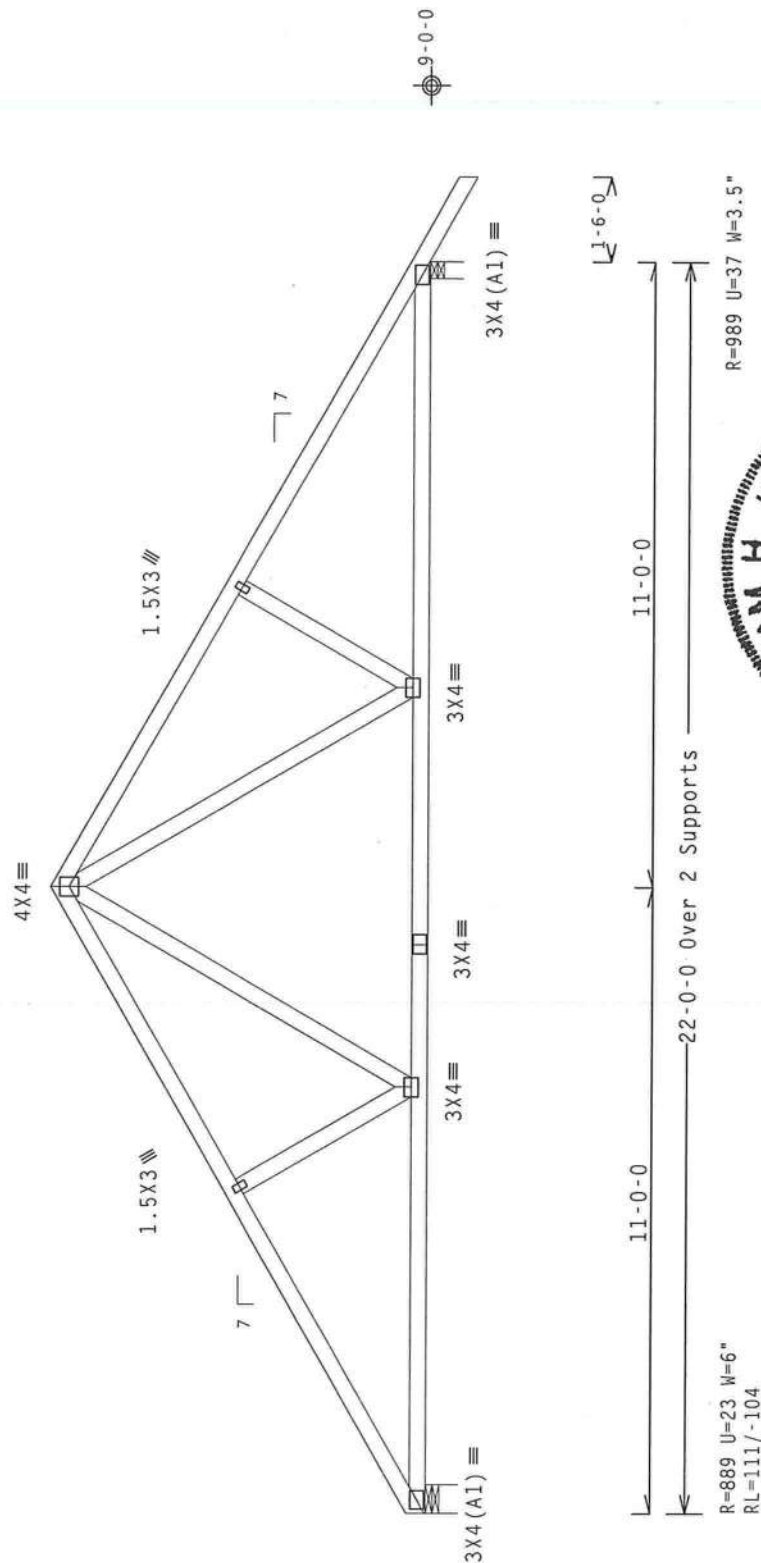
Wind loads and reactions based on MWFRS with additional C&C member design.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Bottom chord checked for 10.00 psf non-concurrent live load.

MWFRS loads based on trusses located at least 7.50 ft. from roof edge.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



PLT TYP. Wave

Design Crit: FBC2010Res/TPI-2007 (STD)
FT/RT=10%(0%)/0(0)

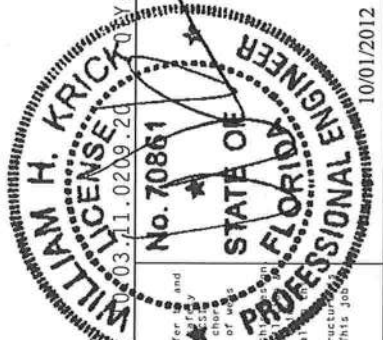
Scale = .3125"/Ft.

TC LL	20.0 PSF
TC DL	7.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.L.D.	37.0 PSF
DUR.FAC.	1.25
SPACING	24.0"

REF	R487-- 65420
DATE	10/01/12
DRW	HCUSR487 12275075
HC-ENG	WHK/WHK
SEQN-	23428
JREF-	1UPV487_Z03

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET!
****IMPORTANT**** FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and MTCA) practices prior to performing these functions. Installers shall provide temporary bracing unless noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of web shall have bracing installed per BCSI sections B5, B7 or B10, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design shown. In accordance with ANSI/TPI 1, for handling, shipping, installation and bracing of trusses. Apply plate bracing per drawings 160A-2 for standard plate positioning. A steel drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structural application is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: General notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; MTCA: www.sbcindustry.com; ICC: www.iccsafe.org

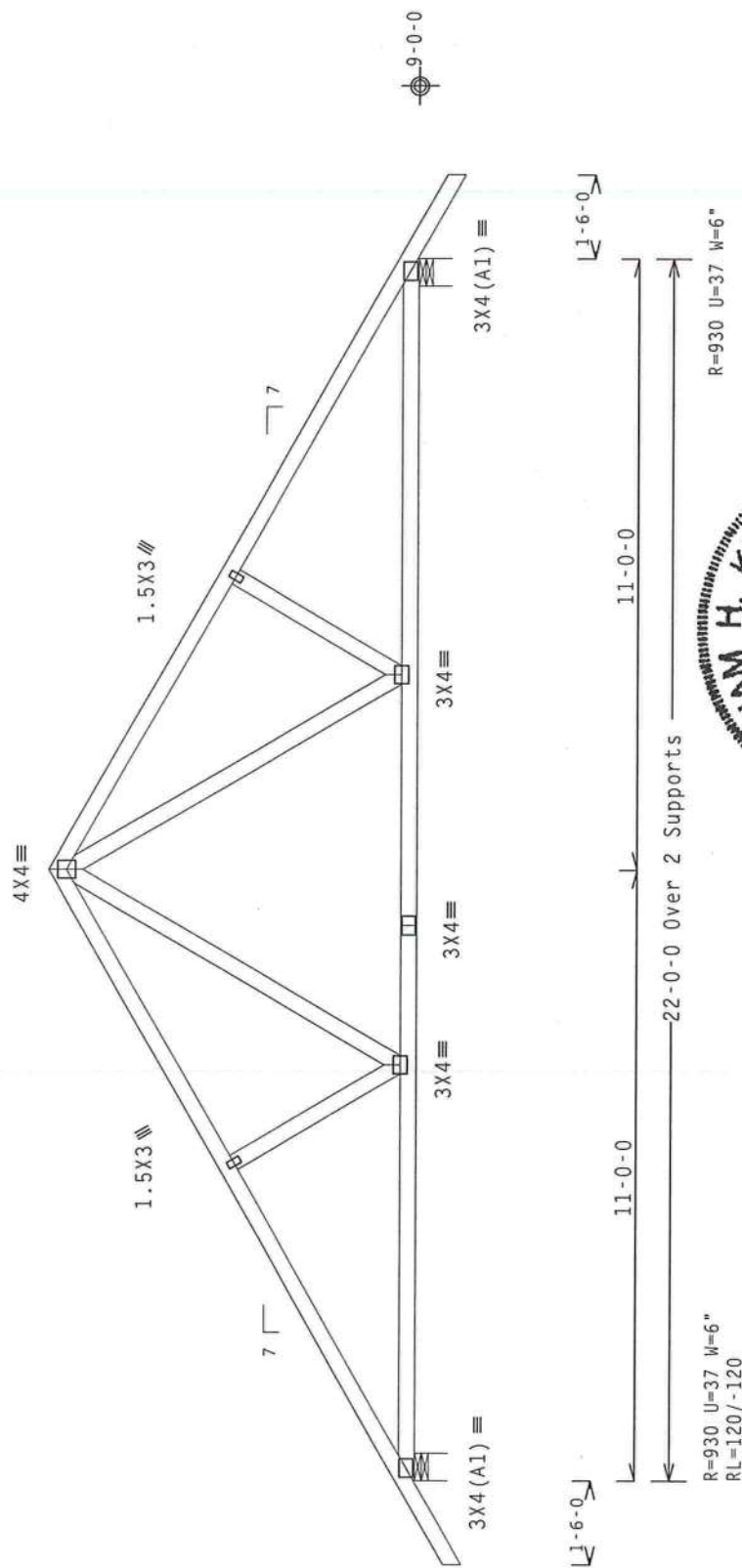
ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278



120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, Exp B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi (+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



R=930 U=37 W=6"
RL=120/-120

22-0-0 Over 2 Supports

R=930 U=37 W=6"

Design Crit: FBC2010Res/TPI-2007(STD)
FT/RT=10%(0%)/0(0)

Scale = .3125"/Ft.

FL/-/4/-/-/R/-

10

1.0209.20

03
14

0% / 0 (0)

 $FT/RT=10\%$

2.

222

1

ave

PLT TYP.

[illegible][illegible]

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ITW Building Components Group Inc.
Haines City, FL 33844

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Haines City, FL 33844

Haines City, FL 33844

nes City, FL 338

Top chord 2x4 SP_#1_12A
Bot chord 2x4 SP_#1_12A
Webs 2x4 SP_#3_12A
:Stack Chord SC1 2x4 SP_#1_12A::Stack Chord SC2 2x4 SP_#1_12A:
Lumber grades designated with "12A" use design values approved
1/5/2012 by ALSC.

See DWGS A12015ENC100212, GBLLETIN0212, & GABRST100212 for more
requirements.

Bottom chord checked for 10.00 psf non-concurrent live load.

Deflection meets L/240 live and L/180 total load. Creep increase
factor for dead load is 1.50.

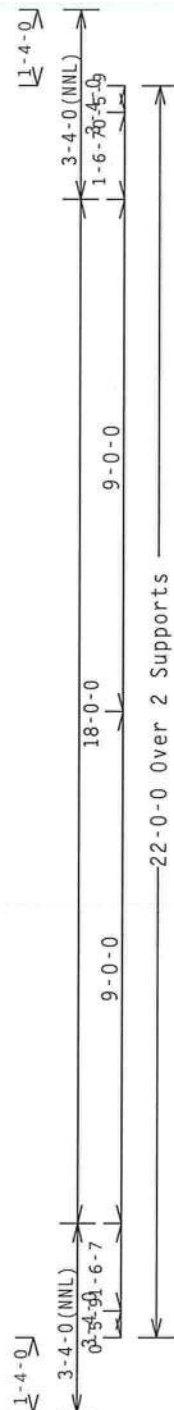
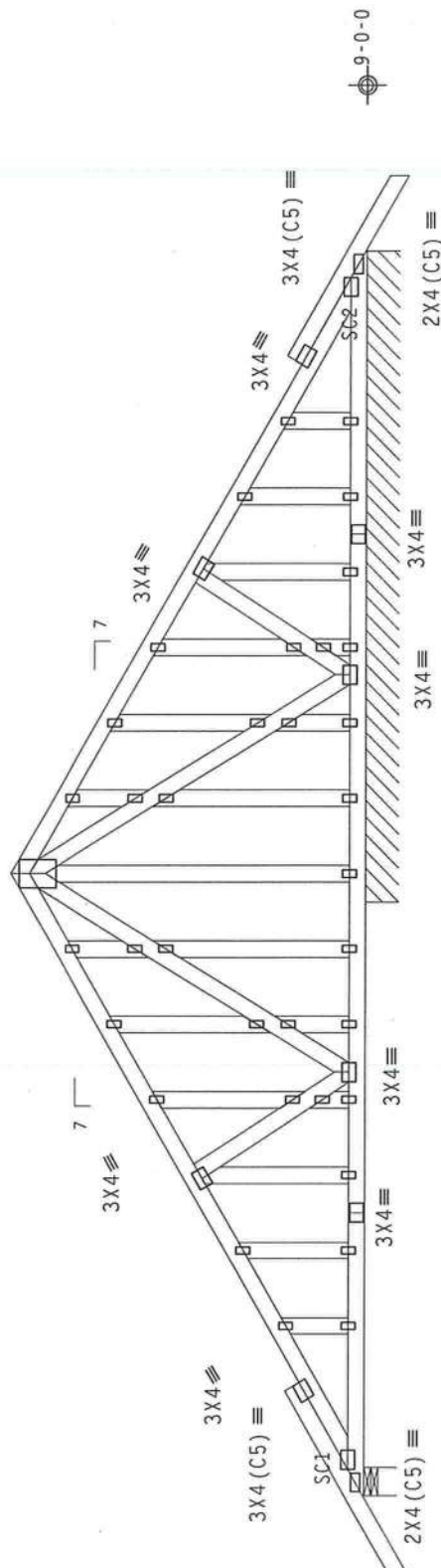
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located
anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC
DL=5.0 psf. GCPI(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member
design.

Gable end supports 8" max rake overhang.

Stacked top chord must NOT be notched or cut in area (NNL). Dropped
top chord braced at 24" o.c. intervals. Attach stacked top chord (SC)
to dropped top chord in notchable area using 3x4 tie-plates 24" o.c.
Center plate on stacked/dropped chord interface, plate length
perpendicular to chord length. Splice top chord in notchable area
using 3x6.

6X8 (R) III



R=446 U=22 W=6"
RL=117/-116

R=121 PLF U=4 PLF W=11-6-8

Note: All Plates Are 1.5X3 Except As Shown.

Design Crit: FBC2010Res/TPI-2007 (STD)
FT/RT=10%(0%)/0(0)

PLT TYP. Wave

Scale = .3125"/Ft.

REF R487-- 65422

DATE 10/01/12

DRW HCUSR487 12275077

HC-ENG WHK/WHK

SEQN- 23436

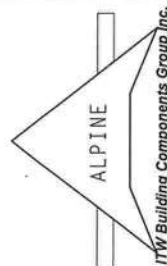
DUR.FAC. 1.25

SPACING 24.0"

JREF- LUPY487_Z03



WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing.
Follow the latest edition of BCS (Building Components Safety Information, by TPI and WCA) for
practices and procedures. Trusses shall be installed in accordance with the BCS.
Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord
shall have bracing installed per BCS sections B2, B7 or B10, as applicable.
ITW Building Components Group, Inc. (ITWBCG) shall not be responsible for any deviation from the
any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing
bracing of trusses. Apply plates to each face of truss and position as shown above and on the Job
Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on
drawing or cover page listing this drawing, indicates acceptance of professional engineering
responsibility by the building designer. The use of this design for any structure is the
general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; WCA: www.bcsindustry.com;
ICC: www.iccsafe.org



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