

(12-309--Glenwood King Lacy Crews Residence -- Columbia County, FL - t26)

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

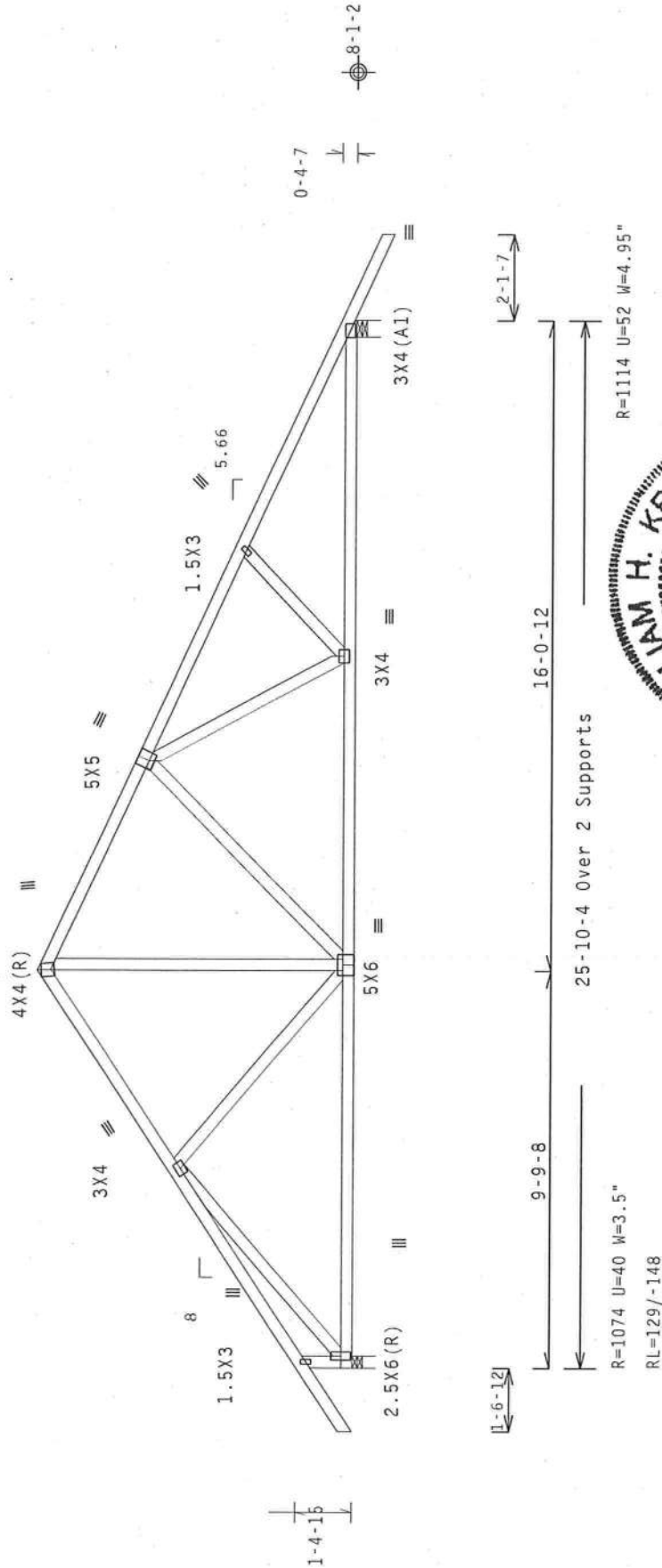
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg. Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf, 6Cpf(+/-)=0.18

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.



R=1114 U=52 W=4.95"

R=1074 U=40 W=3.5"
RL=129/-148

PLT TYP. Wave

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

Scale = .25" / Ft.

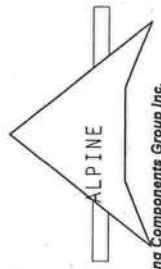
FL / - / 4 / - / R / -

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--	34746
DATE	10/25/12	
DRW	HCUSR487	12299044
HC-ENG	WHK / WHK	
SEQN	26901	
JREF	1UQM487_Z01	

****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. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WCA) for details on proper installation and bracing. Truss installers shall provide temporary bracing in accordance with the BCSI requirements. Truss installers shall have a properly attached rigid ceiling. Locations shown for permanent lateral bracing shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
TPI Building Components Group Inc. (TIBCO) shall not be responsible for any deviation from the 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 1004-2 for standard plate positions. A seal of approval is shown on this drawing. This drawing indicates acceptance of professional engineering. The responsibility of the Building Designer per ANSI/TPI 1.1-2002 shall be maintained. For general notes page: ITN-BCSI: www.tibco.org; TPI: www.tpiinst.org; WCA: www.lccsafe.org; ICC: www.lccsafe.org

WILLIAM H. KRICK
LICENSE
No. 70881
STATE OF FLORIDA
PROFESSIONAL ENGINEER
10/25/2012



Alpine Truss
Haines City, FL 33844
FL COA #0 278

(12-309--Glenwood King Lacy Crews Residence -- Columbia County, FL - t28)

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

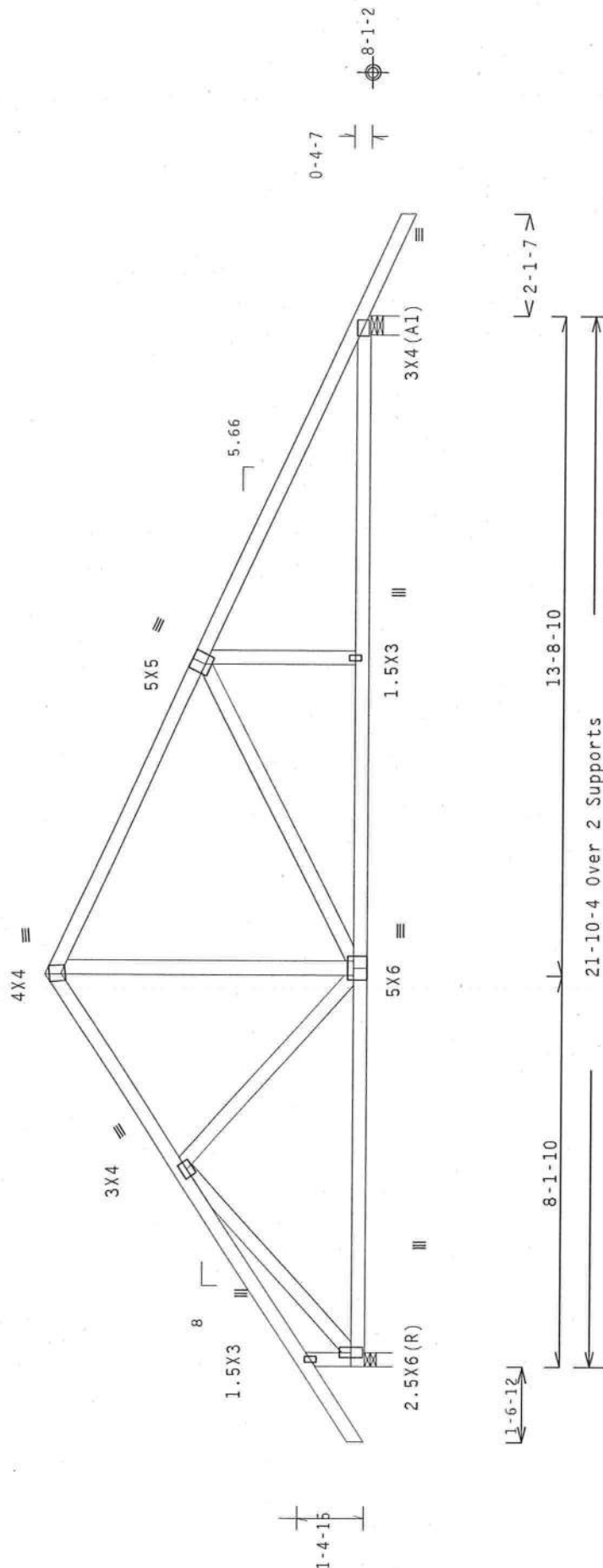
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

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

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=920 U=36 W=3.5"

RL=113/-130

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

PLT TYP. Wave

Scale = .3125"/Ft.

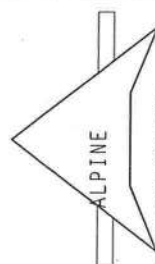
REF	R487--	34748
DATE	10/25/12	
DRW	HCUSR487	12299046
HC-ENG	WHK/WHK	
SEQN	26903	
TOT.LD.	37.0 PSF	
DUR.FAC.	1.25	
SPACING	24.0"	



****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 installed in accordance with the latest edition of BCSI (Building Components Inc.) Manual. Trusses shall be installed in accordance with the latest edition of BCSI (Building Components Inc.) Manual. Trusses shall be installed in accordance with the latest edition of BCSI (Building Components Inc.) Manual.

ITB Building Components Group Inc. (ITB) 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 details, unless noted otherwise. Refer to drawings 100A-Z for standard plate positions. A seal of approval is hereby given for the design of this truss. The responsibility of the building designer per ANSI/TPI 1 Sec. 2.1 for more information. General notes page: ITB-BEG: www.itbinc.com; TPI: www.tpinet.org; MCA: www.mcaindustry.com; ICC: www.iccsafe.org



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

(12-309--Glenwood King Lacy Crews Residence -- Columbia County, FL - t29)

Top chord 2x4 SP #1_12A
Bot chord 2x4 SP #1_12A
Webs 2x4 SP #3_12A
Lt Wedge 2x6 SP #2_12A::Rt Wedge 2x6 SP #2_12A:

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

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

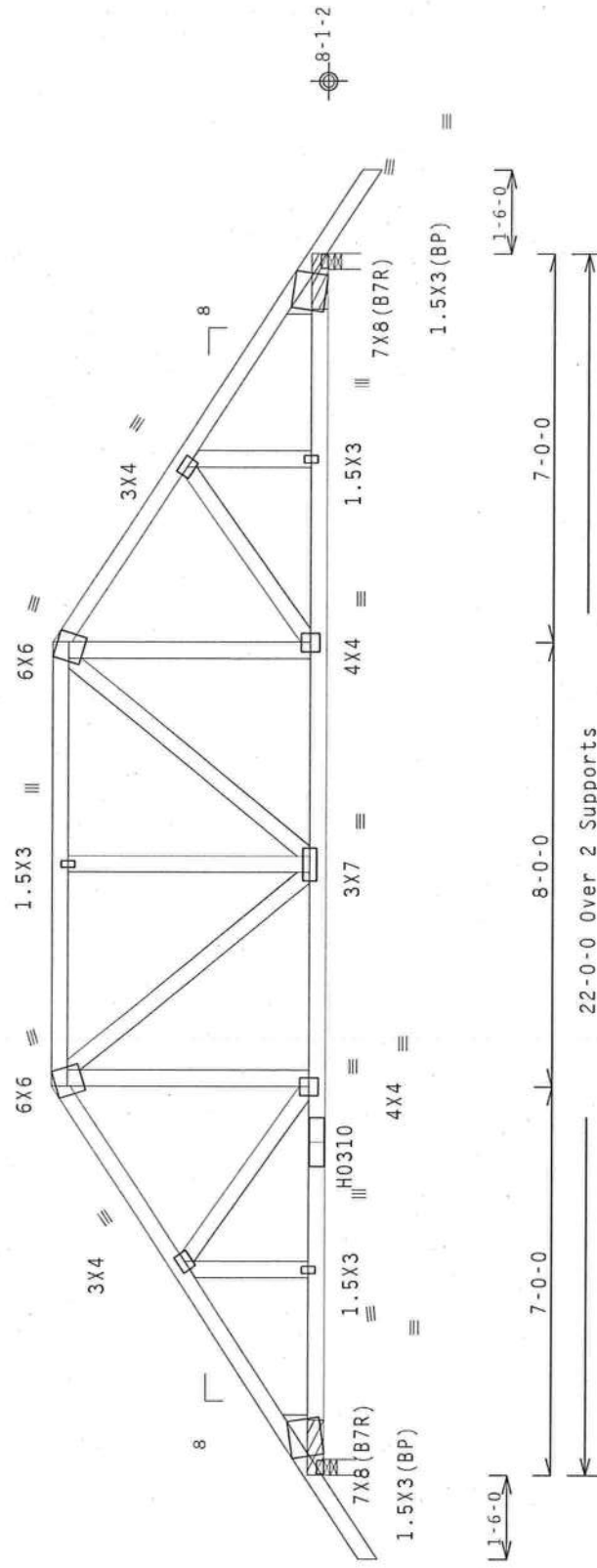
#1 hip supports 7-0-0 Jacks with no webs.

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

Brg blocks: 0.131"x3", min. nails
brg x-loc #blocks length/blk #nails/blk wall plate
1 0.000' 1 12" 4 Rigid Surface
2 21.708' 1 12" 4 Rigid Surface
Brg block to be same size and species as chord.
Refer to drawing CNAILSP0109 for more information.

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP 8, wind TC DL=3.5 psf, wind BC DL=5.0 psf, 6Cpi (+/-)=0.18

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



R=3554 U=0 W=3.5"

22-0-0 Over 2 Supports

R=3554 U=0 W=3.5"

PLT TYP. 20 Gauge HS, Wave

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

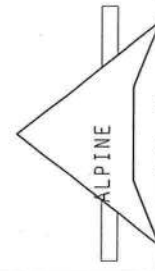
Scale = .3125"/Ft.

REF R487-- 34749	IC LL 20.0 PSF	FL/-/4/-/R/-	10/25/2012
DATE 10/25/12	TC DL 7.0 PSF		
DRW HCUSR487 12299047	BC DL 10.0 PSF		
HC-ENG WHK/WHK	BC LL 0.0 PSF		
SEQN- 27178	TOT.LD. 37.0 PSF		
DUR.FAC. 1.25			
SPACING 24.0"			

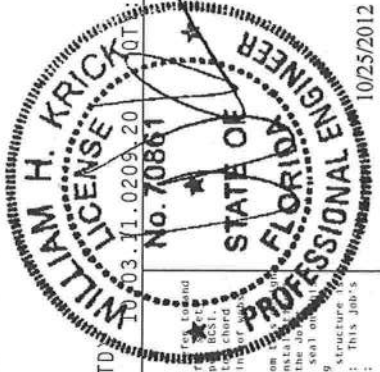
WARNING: READ AND FOLLOW ALL NOTES ON THIS SHEET! FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and AISC) for proper bracing and installation. Truss installers shall provide temporary bracing per BCSI. Trusses shall be properly braced and supported during erection and bracing shall have a properly attached rigid ceiling. Locations shown for permanent lateral bracing shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

ITD Building Components Group Inc. (ITD/BCG) 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 details, unless noted otherwise. Refer to drawings 180A-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 Component Group Inc. (ITD/BCG) and use of this design for any structure is general notes page: ITD-BCG: www.itd-bcg.com; TPI: www.tpi.net; AISC: www.aisc.org; ICC: www.iccsafe.org



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, Located anywhere in roof, 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.

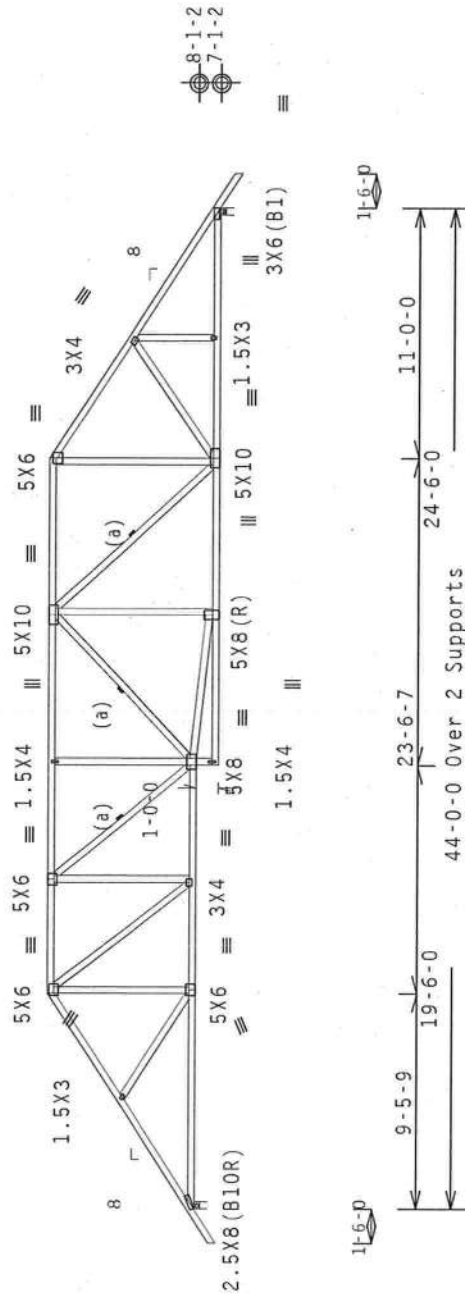
Wind loads and reactions based on MWFRS with additional C&C member design.

(a) Continuous lateral bracing equally spaced on member.

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.



R=1783 U=71 W=3.5"

RL=147/-151

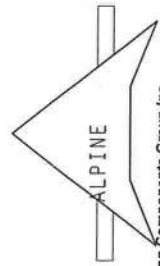
PLT TYP. Wave

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

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. The installer shall be responsible for ensuring that the truss is installed in accordance with the design and specifications. The installer shall be responsible for ensuring that the truss is installed in accordance with the design and specifications. The installer shall be responsible for ensuring that the truss is installed in accordance with the design and specifications.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design and specifications. The installer shall be responsible for ensuring that the truss is installed in accordance with the design and specifications. The installer shall be responsible for ensuring that the truss is installed in accordance with the design and specifications. The installer shall be responsible for ensuring that the truss is installed in accordance with the design and specifications.



Scale = .125"/Ft.

REF	R487--	34750
DATE	10/25/12	
DRW	HCUSR487 12299048	
HC-ENG	WHK/WHK	
SEQN-	27084	
DUR.FAC.	1.25	
SPACING	24.0"	
JREF-	1UQM487_Z01	

(12-309--Glenwood King Lacy Crews Residence -- Columbia County, FL - t33)

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. Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCPI(+/-)=0.18

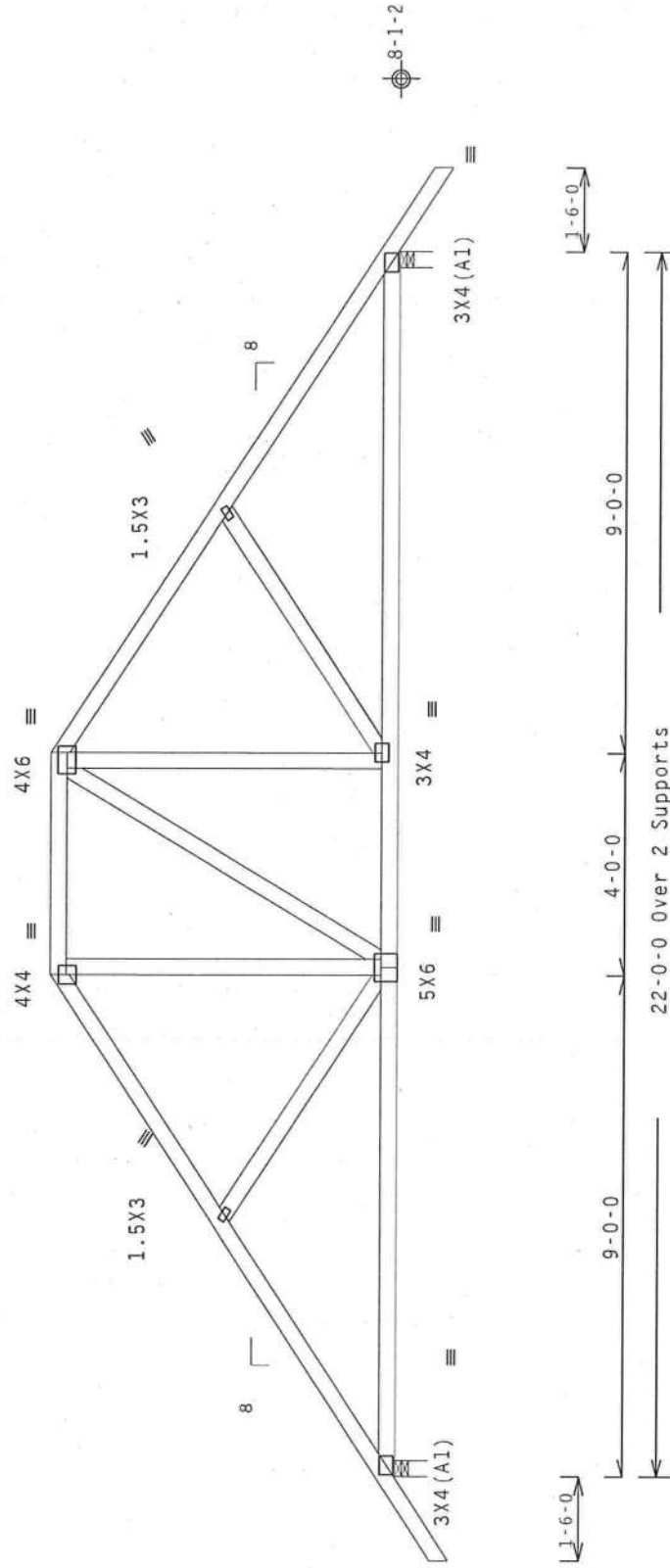
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

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

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.



R=938 U=36 W=3.5"

RL=127/-127

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

PLT TYP. Wave

Scale = .3125"/Ft.

REF R487-- 34751

DATE 10/25/12

DRW HCUSR487 12299049

HC-ENG WHK/WHK

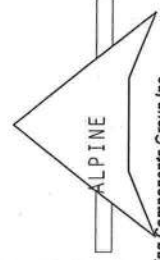
SEQN- 26906

JREF- 1U0M487_Z01

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. Refer to and follow the instructions on the drawings and the information, by TPI and KRICKE, for proper practices prior to performing these functions. The installer must have a properly attached structural sheathing and building code 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 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 1004-2 for standard plate positions. A seal of approval is required for the design shown. The suitability of the design for the intended use 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; WTC: www.sbcindustry.com; ICC: www.iccsafe.org



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

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, Located anywhere in roof, 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.

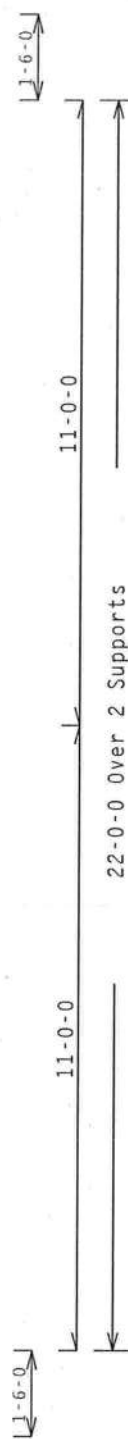
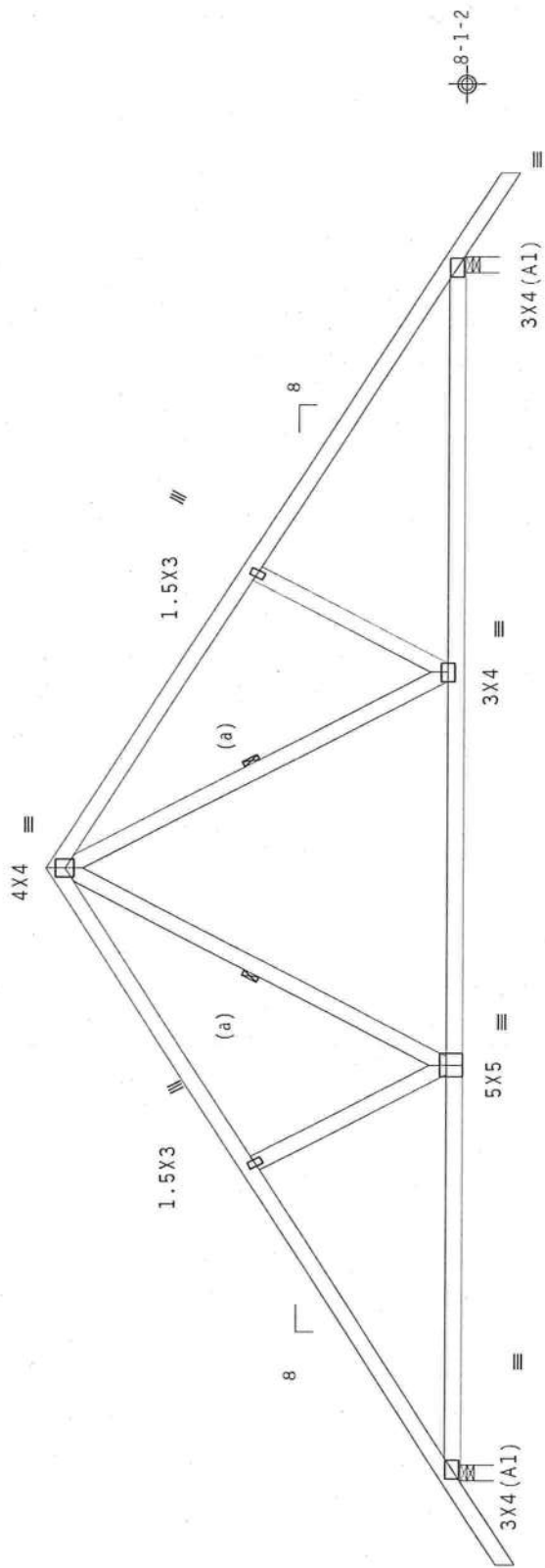
Wind loads and reactions based on MWFRS with additional C&C member design.

(a) Continuous lateral bracing equally spaced on member.

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=1002 U=33 W=3.5"
RL=148/-148
R=1003 U=33 W=3.5"

PLT TYP. Wave

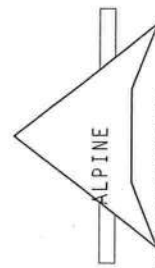
Design Crit: FBC2010Res/TPI-2007 (STD)
FT/RT=10%(0%)/0(0)

Scale = .3125"/Ft.

REF R487-- 34752

DATE	10/25/12	DATE	10/25/12
DRW	HCUSR487 1229050	DRW	HCUSR487 1229050
HC-ENG	WHK/WHK	HC-ENG	WHK/WHK
SEQN	26908	SEQN	26908
TOT.LD.	37.0 PSF	TOT.LD.	37.0 PSF
DUR.FAC.	1.25	DUR.FAC.	1.25
SPACING	24.0"	SPACING	24.0"
JREF	1U0M487_Z01	JREF	1U0M487_Z01

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. Refer to the following information for details. (Building Component Safety Information, by TPI and MICA)
Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord 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 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 seal of the professional engineer is required on this drawing. Indicates acceptance of professional engineering structure and 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.tpi.net; MICA: www.micaindustrial.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 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. 6Cpi (+/-)=0.18

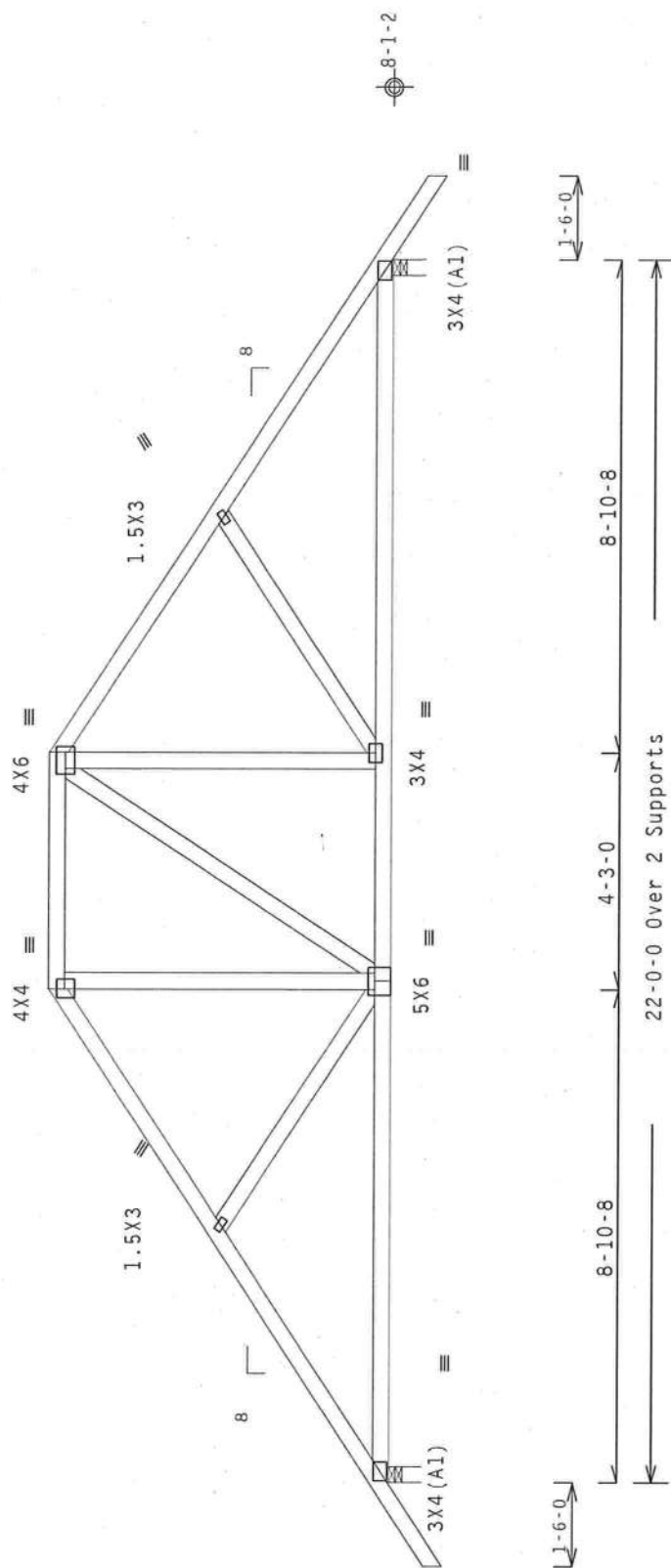
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

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

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.



R=938 U=36 W=3.5"

RL=125/-125

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

PLT TYP. Wave

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

Scale = .3125"/Ft.

REF: R487-- 34753

DATE 10/25/12

0RW HCUSR487 12299051

IC-ENG WHK/WHK

26909

[illegible]

REF- 10QM48/_Z01

****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. Truss installers shall follow the latest edition of BCSI (Building Component Safety Information), by ISI and WCAI, as well as all applicable codes and standards. Truss installers shall provide temporary bracing per BCSI, AISC, and other applicable codes and standards. Truss installers shall have a properly attached structural sheathing and bottom chord bracing installed per BCSI, AISC, and other applicable codes and standards. Truss installers shall have bracing installed per BCSI sections B3, B9, B10, as applicable.

ITD Building Components Group Inc., (ITBCG) shall not be responsible for any deviation from the design shown on drawings or specifications. ITBCG shall not be responsible for any failure to build the truss in conformance with ANSI/TPI-1, or for handling, shipping, installing, erecting, bracing, unbracing, or dismantling of the truss. ITBCG shall not be responsible for any damage to materials, unless noted otherwise. Refer to drawings IBB-2 for standard plate positions. A steel erector must follow the erection sequence listed in this drawing. Indicates acceptance of professional engineering approval by the building designer. The responsibility for the design and use of this design for any structure is solely that of the building designer per ANSI/TPI-1, §7.2. For more information see: This job's general notes pages; ITN-BEG; www.itnbcg.com; TPI; www.tpinet.org; ATCS; www.atcsinc.com; www.lcscap.org

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

(12-309--Glenwood King Lacy Crews Residence -- Columbia County, FL - L36)

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. Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCPI(+/-)=0.18

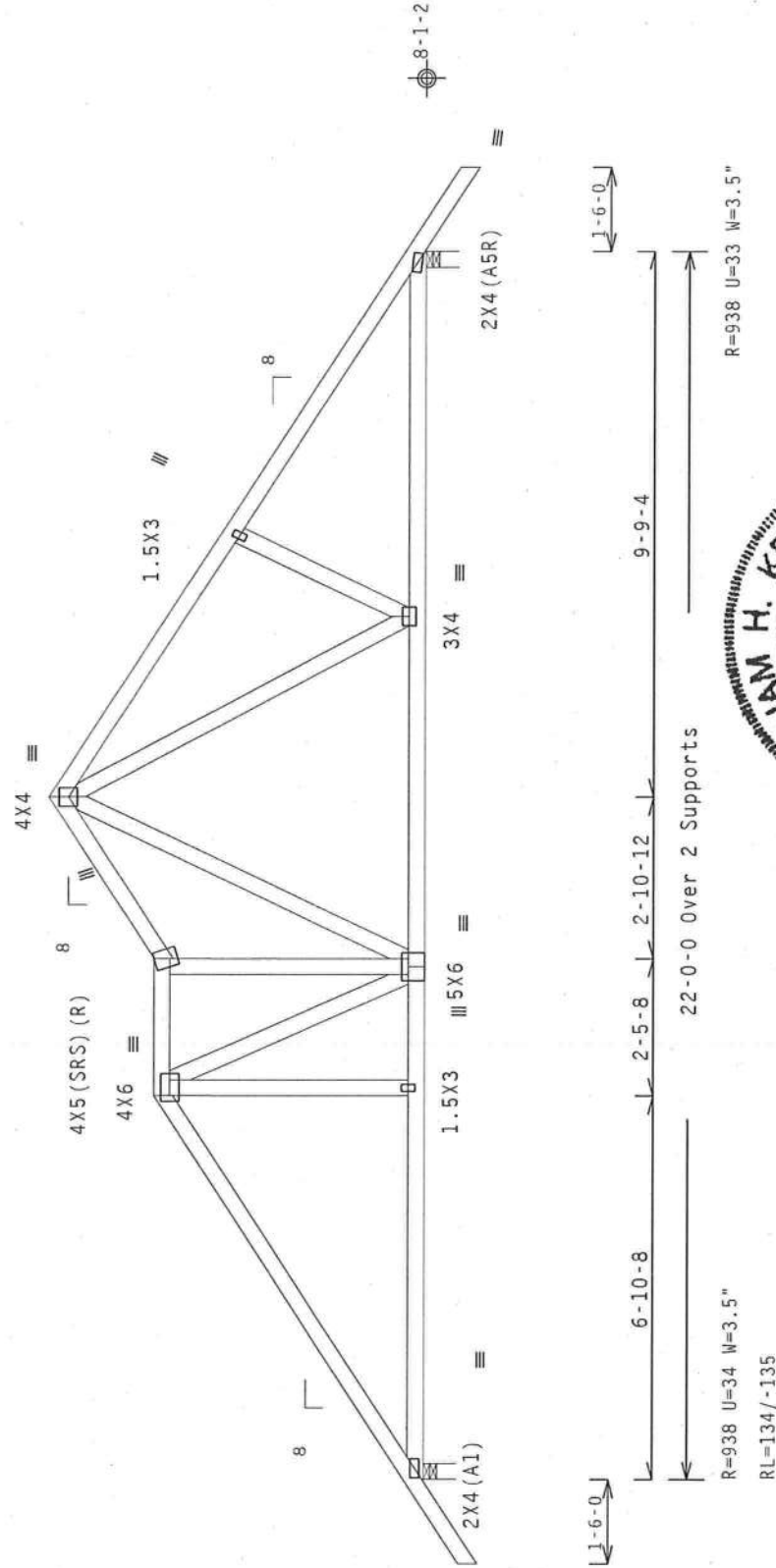
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

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

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.

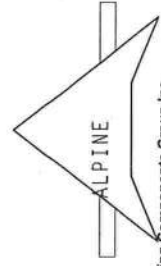


PLT TYP. Wave

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

Scale = .3125"/Ft.

	PLT TYP. Wave		TC LL	20.0 PSF	REF	R487--	34754
			TC DL	7.0 PSF	DATE	10/25/12	
			BC DL	10.0 PSF	DRW	HCUSR487	12299052
			BC LL	0.0 PSF	HC-ENG	WHK/WHK	
			TOT.LD.	37.0 PSF	SEON-	26910	
			DUR.FAC.	1.25	SPACING	24.0"	JREF- 1UQM487_Z01



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, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf, GCpl(+/-)=0.18

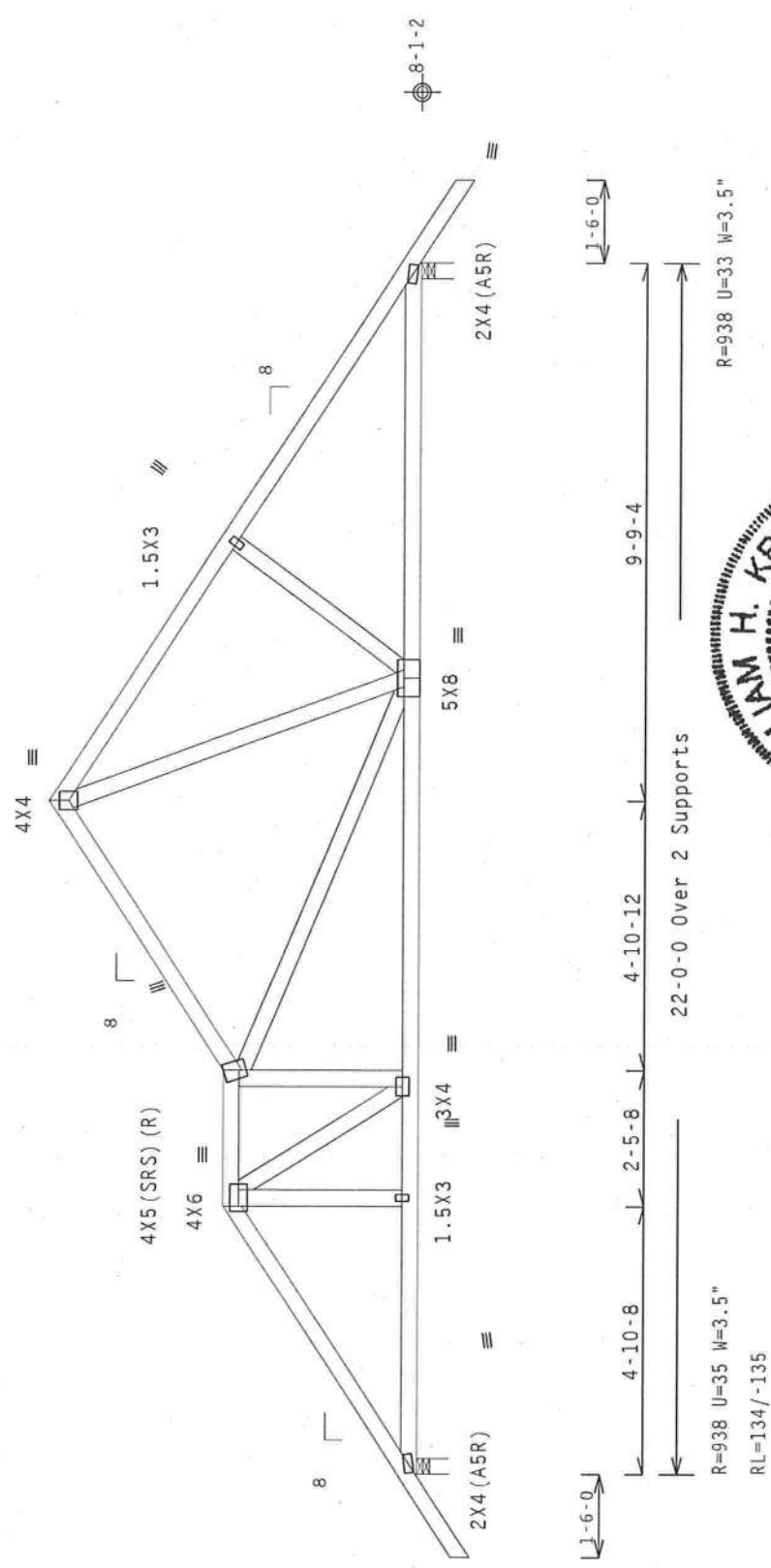
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

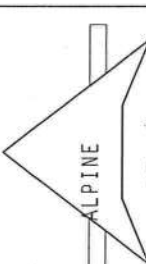
Wind loads and reactions based on MWFRS with additional C&C member design.

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

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.



PLT TYP. Wave	Design Crit: FBC2010Res/TPI-2007 (STD) FT/RT=10%(0%)/0(0)		Scale = .3125"/Ft.	
 ALPINE Building Components Group Inc. Haines City, FL 33844 FL COA #0278	**HARNING** 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 MTCA) practices prior to performing these functions. Installers shall provide temporary bracing practices outlined otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have bracing installed per BCSI sections 83, 87 or 810, as applicable.		FL/-/4/-/R/- 10/25/12	
	No. 70881		REF R487-- 34755	
	No. 70881		DATE 10/25/12	
	No. 70881		DRW HCUSR487 12295053	
	No. 70881		HC-ENG WHK/WHK	
No. 70881		SEON- 26911		
No. 70881		JREF- 1UQM487_Z01		
No. 70881		JREF- 1UQM487_Z01		

(12-309--Glenwood King L

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

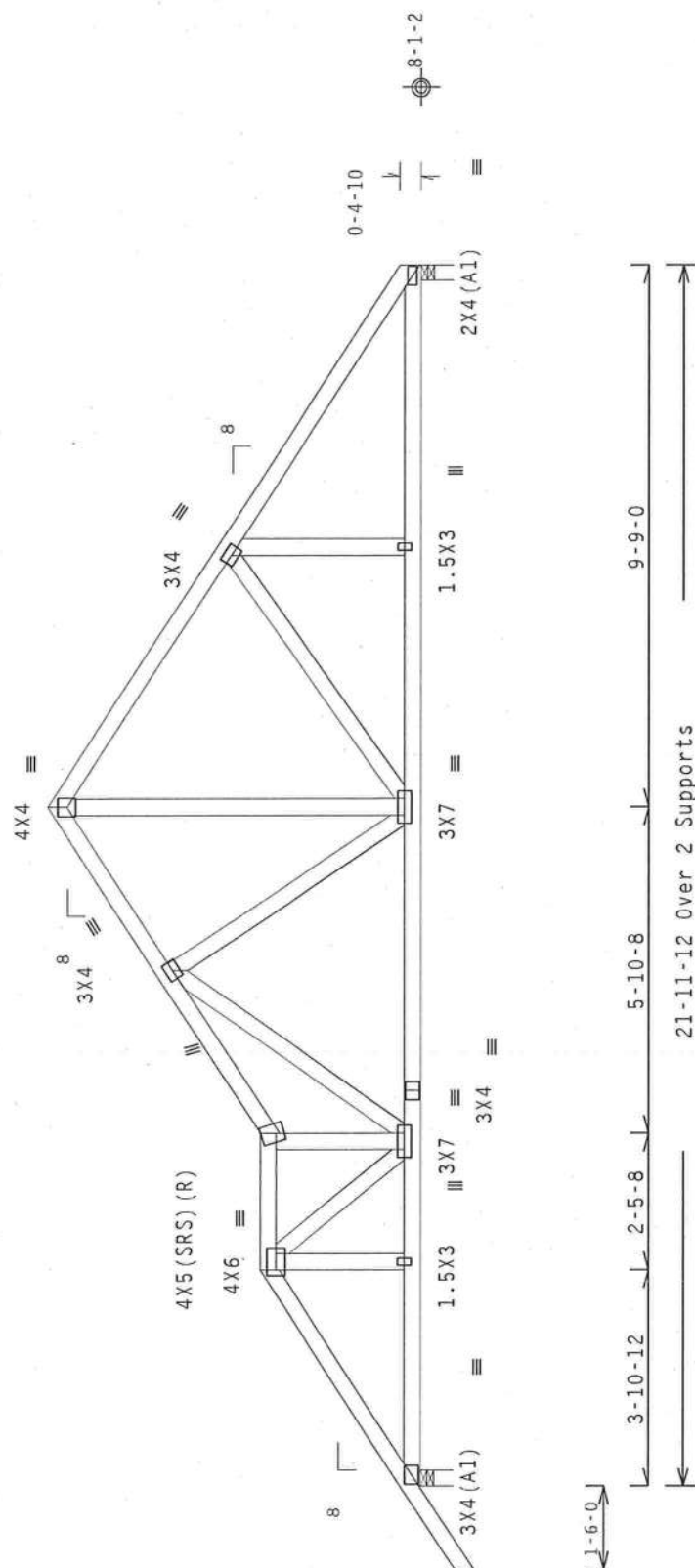
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

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

In view 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.



R=941 U=35 W=3.5"

RL=114/-123

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

Scale = .3125" / Ft.

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

QTY: 1

11.0209:2

300

0.007 T 11/s

 $FT/RT=1$

Design Clinic

Wave

PLT T

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

[illegible]

LTJ Building Components Group Inc. (LTJBCG) shall not be responsible for any deviation from the design shown on this drawing. The user of this drawing shall be responsible for any failure to build the truss in accordance with ANSI/TPI 1, or for handling, shipping, installing, or erecting of the truss. Apply plates to each face and position as shown above and on the underside of the truss. Do not cut, drill, or alter any of the details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A sealant is required for all joints. The user of this drawing shall be responsible for any structural engineering or design of the truss. 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: 116-Bldg; web: www.ltbj.com; email: info@lbtj.com; www.sbcindust.com; www.ltbj.com; email: info@lbtj.com; www.sbcindust.com



Alpine Components Group Inc.
Haines City, FL 33844
FL 800-440-2799

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

s City, FL 33844
FL COA #0 278

Hair

(12-309--Glenwood King Lacy Crews Residence -- Columbia County, FL - 139) THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

Top chord 2x4 SP-#1_12A
Bot chord 2x4 SP-M-30

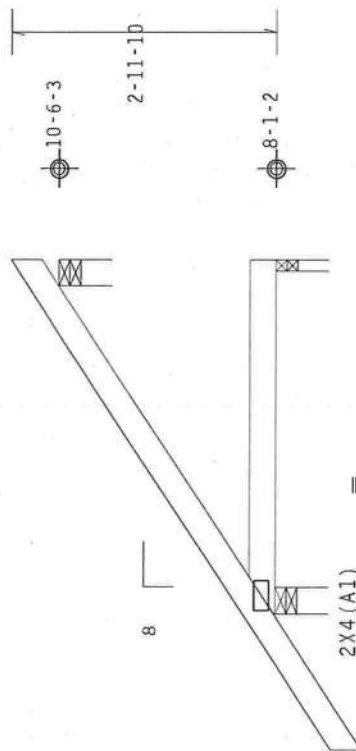
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

Girder supports 23-0-0 span to BC one face and 2-0-0 span to TC/BC split opposite face.

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP 8, wind TC DL=3.5 psf, wind BC DL=5.0 psf, GCpl(+/-)=0.18

Wind loads and reactions based on MMFRS 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.



L 1-6-0 > 3-7-4 > 0.1318
3-10-12 Over 3 Supports

R=1075 U=47 W=3.5" R=154 U=18 W=3.5"
R=713 U=1 W=1.5"

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

PLT TYP. Wave



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. Refer to the latest edition of RESI Building Component Safety Information, by TPI and WCA, for details on proper handling, shipping, installing and bracing. Trusses shall be installed in accordance with the manufacturer's instructions. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have bracing installed per RESI sections 83, 87 or 810, as applicable.

The Building Components Group Inc. (TMBEG) shall not be responsible for any deviation from any failure to build the truss in accordance 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 seal drawing or cover page listing this drawing, indicates acceptance of professional engineering approval. The professional engineer's seal and signature shall be placed on this drawing. The responsibility and use of this design for any structure is the responsibility of the Building Component Manufacturer. This job was completed on 10/25/2012. TCC: www.tccsafe.org TPI: www.tpiinst.org; WCA: www.wcaindustry.com



Scale = .5"/Ft.

TC LL	20.0 PSF	REF	R487-- 34757
TC DL	7.0 PSF	DATE	10/25/12
BC DL	10.0 PSF	DRW	HCUSR487 1229055
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEON-	27183
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UQM487_Z01

(12-309--Glenwood King Lacy Crews Residence -- Columbia County, FL - t4)

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, Located anywhere in roof, 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.

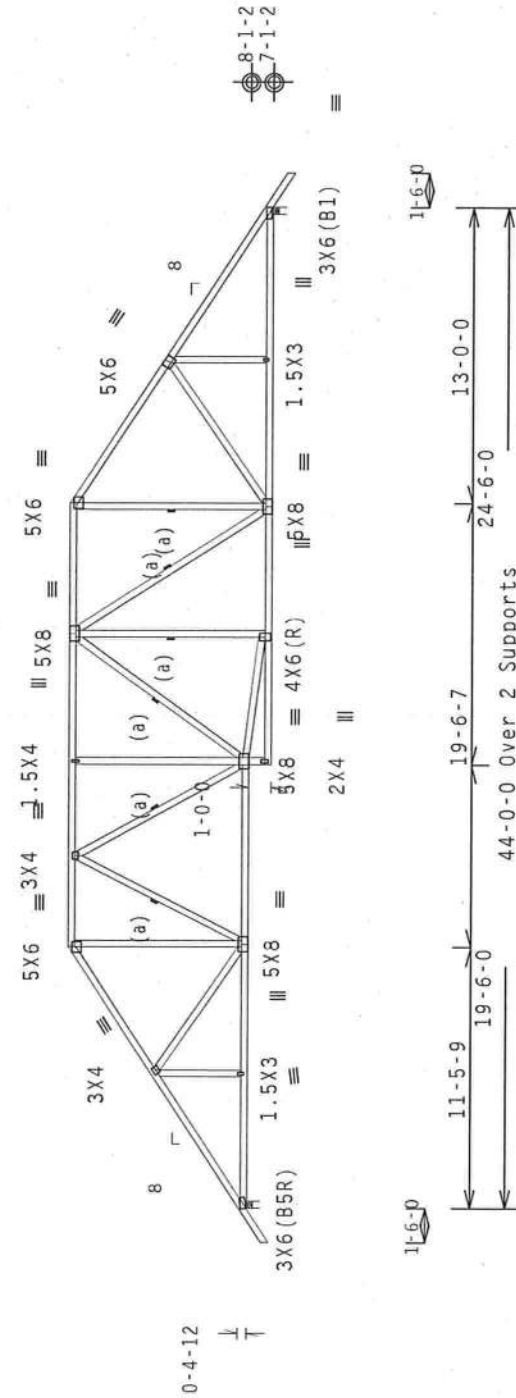
Wind loads and reactions based on MMFRS with additional C&C member design.

(a) Continuous lateral bracing equally spaced on member.

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.



R=1783 U=68 W=3.5"

RL=169/-174

PLT TYP. Wave

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

Scale = .125"/Ft.

PLT TYP. Wave ALPINE 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. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and KTC) for all details and instructions. Installers shall provide temporary bracing and bracing details. Trusses shall be installed in accordance with the BCSI manual and shall have a properly attached rigid ceiling. Locations shown for permanent lateral bracing shall have bracing installed per BCSI sections B3, B7 or B10, as applicable. The Building Components Group Inc. (BCSI) shall not be responsible for any deviation from any failure to build the truss in accordance 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 seal on drawing or cover page listing this design, 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 general notes page: TUN-BCSI; TPI: www.tpiinc.com; TPI: www.tpiinc.com; KTC: www.ktcindustry.com; TCC: www.tccsafe.org		10/25/2012	
	Design Crit: FBC2010Res/TPI-2007 (STD FT/RT=10%(0%)/0(0))		10/25/2012	
	Design Crit: FBC2010Res/TPI-2007 (STD FT/RT=10%(0%)/0(0))		10/25/2012	
	Design Crit: FBC2010Res/TPI-2007 (STD FT/RT=10%(0%)/0(0))		10/25/2012	
	Design Crit: FBC2010Res/TPI-2007 (STD FT/RT=10%(0%)/0(0))		10/25/2012	
PLT TYP. Wave		IC LL	20.0 PSF	REF R487-- 34758
		TC DL	7.0 PSF	DATE 10/25/12
		BC DL	10.0 PSF	DRW HCUSR487 12295056
		BC LL	0.0 PSF	HC-ENG WHK/WHK
		TOT.LD.	37.0 PSF	SEON- 27095
		DUR.FAC.	1.25	JREF- 1UQM487_201
		SPACING	24.0"	

(12-309--Glenwood King Lacy Crews Residence -- Columbia County, FL - t42)

Top chord 2x4 SP-#1-12A
Bot chord 2x4 SP-#1-12A
Webs 2x4 SP-#3-12A

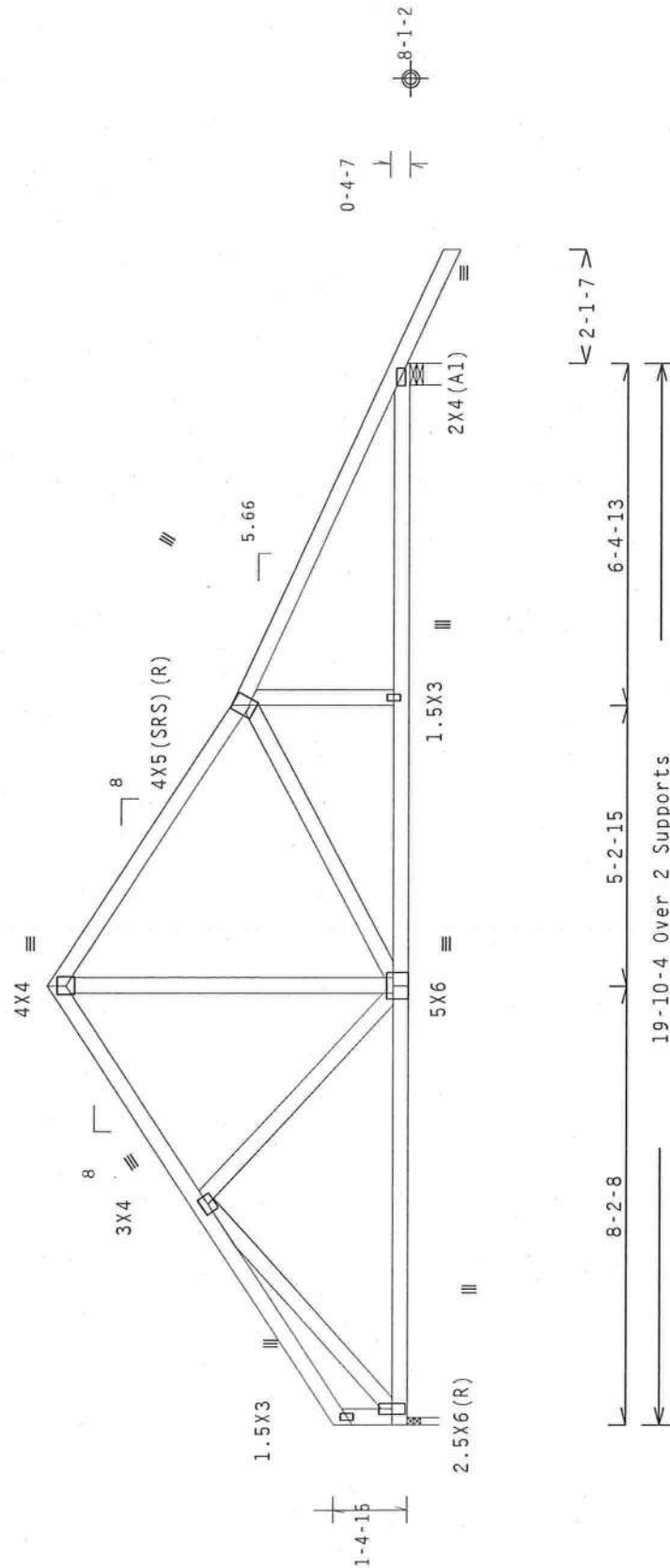
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg. Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCPI (+/-)=0.18

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.

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=748 U=18 W=1.5
RL=107/-109

PLT TYP. Wave

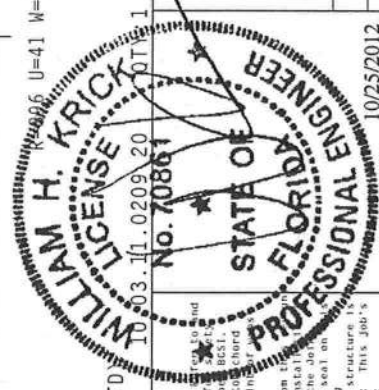
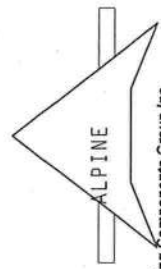
Design Crit: FBC2010Res/TPI-2007(STD)
FT/RT=10%(0%)/0(0)

Scale = .3125"/Ft.

REF	R487--	34759
DATE	10/25/12	
DRW	HCUSR487	1229057
HC-ENG	WHK/WHK	
SEON-	26915	
TOT.LD.	37.0 PSF	
DUR.FAC.	1.25	
SPACING	24.0"	

10/25/2012

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 BCS1 (Building Component Safety Information, by TPI and WCA) for details, unless noted otherwise. Locations shall provide temporary bracing plates and bracing shall be installed in accordance with the BCS1 and WCA. Trusses shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraining shall have bracing installed per BCS1 sections B3, B7 or B10, as applicable.
TPI Building Components Group Inc. (TIBCO) shall not be responsible for any deviation from any failure to build the truss in accordance 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 details, unless noted otherwise. Refer to drawings 100A-2 for standard plate positions. A seal on drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility for the design shown. The suitability and use of this design for any structure is the responsibility of the user. For more information, contact TPI at 1-800-451-9844 or TPI@tpi.com. General notes page: TIBCO: www.tibco.com; TPI: www.tpi.com; WCA: www.wca.com; BCS1: www.bcs1.com; TCC: www.tccsafe.org



(12-309--Glenwood King Lacy Crews Residence -- Columbia County, FL - t43)

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.

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

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

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

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

****IMPORTANT****

[illegible][illegible]

IC LL	20.0 P
-------	--------

TC DL 7.0 P

BC DI 10 0 P

[illegible]

77.29

TOT.LD. 37.0 P

DUR.FAC. 1.25

SPACING 24.0"

(12-309--Glenwood King Lacy Crews Residence -- Columbia County, FL - t44)

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

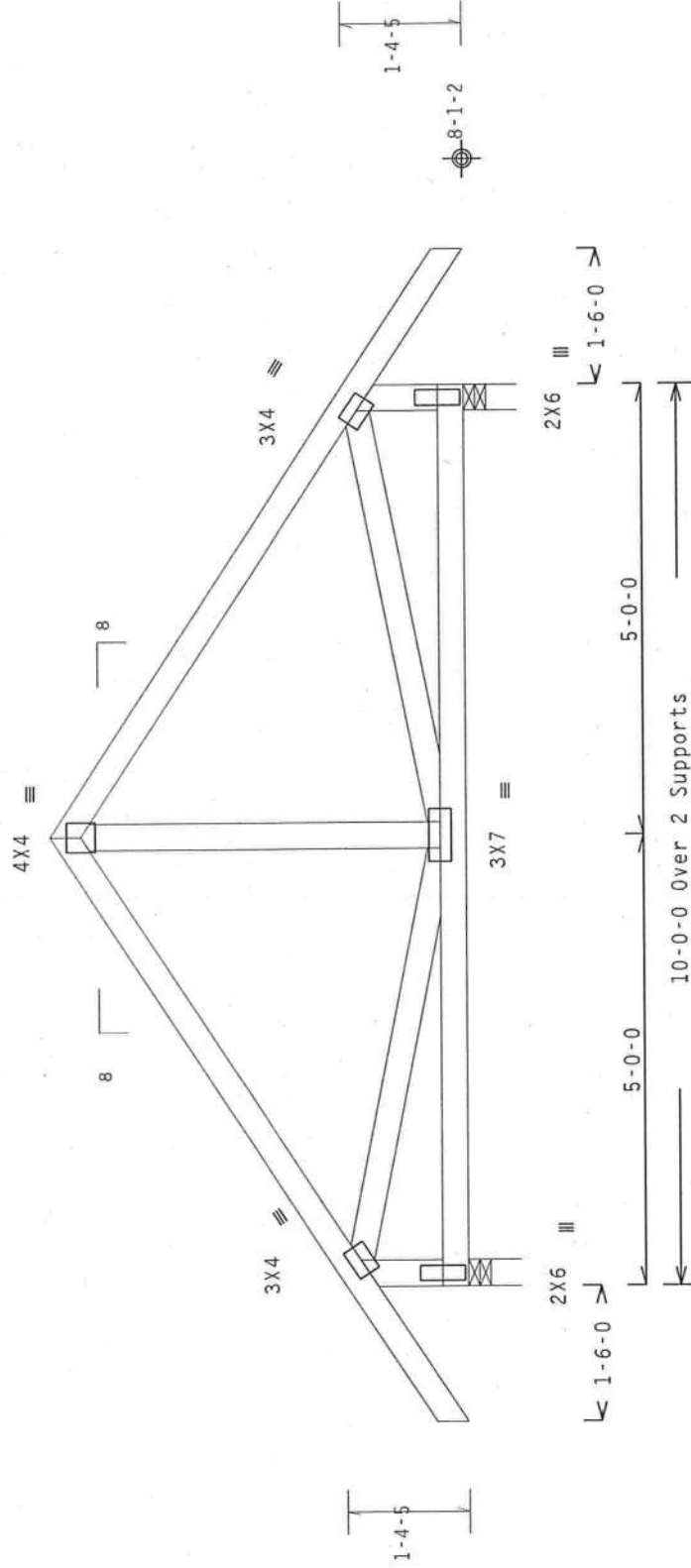
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

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

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg. Located anywhere in roof, RISK CAT II, EXP 8, 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.



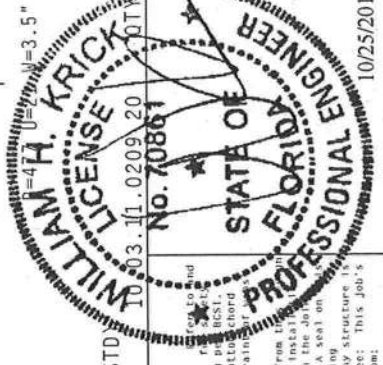
R=477 U=21 W=3.5"
RL=84/-84

PLT TYP. Wave

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

Scale = 5"/Ft.

ALPINE ing 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.		No. 70861	10/25/2012	REF	R487--	34761
	IMPORTANT Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and WCA) 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 shall have bracing installed per BCSI sections B1, B7 or B10, as applicable.		STATE OF FLORIDA		DATE	10/25/12	
	ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the any failure to build the truss in accordance with ANSI/TPI 1, or for handling, shipping, bracing or installation of the truss. Trusses shall be installed in accordance with the drawing or cover page listing this drawing, indicates acceptance of professional engineering the responsibility solely for the design shown. The suitability and use of this design for any structure is general notes page: ITW-BCG; www.itwbcg.com; TPI: www.tpinet.org; WCA: www.sbcindustry.com; ICC: www.iccsafe.org		PROFESSIONAL ENGINEER		DRW	HCUSR487	12299059
					HC-ENG	WHK/WHK	
					SEQN	26917	
					TOT.LD.	37.0	PSF
					DUR.FAC.	1.25	
					SPACING	24.0"	



(12-309--Glenwood King Lacy Crews Residence -- Columbia County, FL - t45)

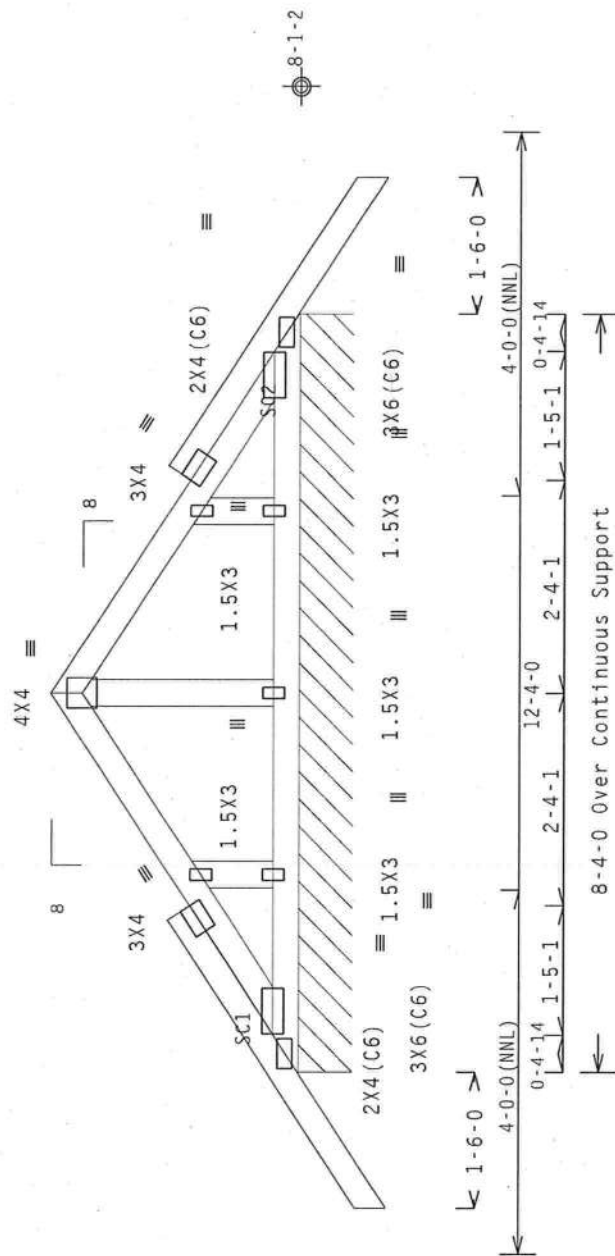
120 mph wind. 15.00 ft mean hgt. ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi (+/-)=0.18

Webs 2x4 SP #3 12A

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

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

3x4 tie-plates 24" o.c. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in noticable area using 3x6.



R=99 PLF U=5 PLF W=8-4-0

RL=9/-9 PLF

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

Scale = .5"/Ft.

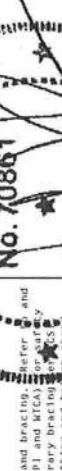
****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET.

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

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

ITD Building Components Group Inc. (ITD/BCG) 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 back of trusses, unless noted otherwise. Refer to drawings 100A-2 for standard plate positions. A sealant shall be applied to the joint in this drawing. Indicates acceptance of professional engineering responsibility for the design of the truss. For more information see: This job's general notes page; ITD/BCG; www.itd-bcg.com; TPI: www.tpinet.org; WCA: www.wca-usa.com; TEC: www.tecsafe.org

No. 70861	TC LL	20.0	PSF	REF R487 --	34762
★	TC DL	7.0	PSF	DATE	10/25/12
★	BC DL	10.0	PSF	DRW	HCUJR487 12299060
★	BC LL	0.0	PSF	HC-ENG	WHK/WHK
★	TOT.LD.	37.0	PSF	SEQN-	26919
★	DUR.FAC.	1.25			
★	SPACING	24.0"			



FLORIDA PROFESSIONAL ENGINEER

No. 70861

10/25/2012

ALPINE

ing Components Group Inc.

Haines City, FL 33844

FL COA #0 278

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

(12-309--Glenwood King Lacy Crews Residence -- Columbia County, FL - t46)

Top chord 2x4 SP-#1-12A
Bot chord 2x6 SP-#2-12A
Webs 2x4 SP-#3-12A

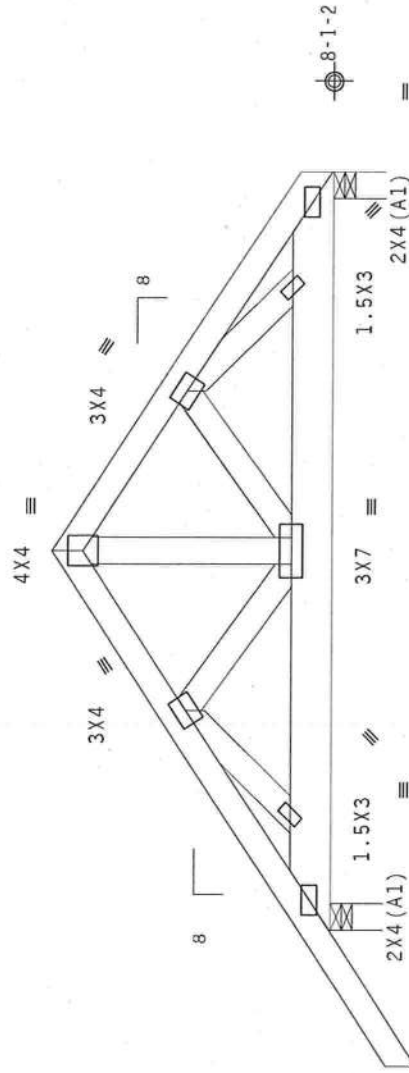
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf, GCPI(+/-)=0.18

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.



1-6-0

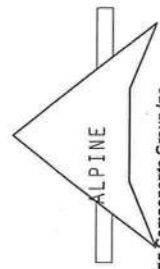
4-2-0 4-2-0 8-4-0 Over 2 Supports

R=423 U=21 W=3.5"

RL=55/-64

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

PLT TYP. Wave



****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. Read and follow all instructions and safety information, by TPI and WCA, carefully. Do not alter or modify the design or installation instructions. 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.
TPI Building Components Group Inc. (TBCGI) shall not be responsible for any deviation from the design or installation instructions. 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 seal on the drawings is required to indicate the design engineer's responsibility for the structure. The responsibility of the Building Designer per ANSI/TPI 1 Sec. 2. For more information, see the general notes page: TPI-BDG: www.tpi-bdg.org; TPI-INST: www.tpi-inst.org; WCA: www.sbcindustry.com; ICC: www.iccsafe.org

Scale = 5" / Ft.

REF	R487--	34763
DATE	10/25/12	
DRW	HCUSR487	12295061
HC-ENG	WHK/WHK	
SEQN-	26920	
TOT.LD.	37.0 PSF	
DUR.FAC.	1.25	
SPACING	24.0"	
JREF-	1UOM487_Z01	

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

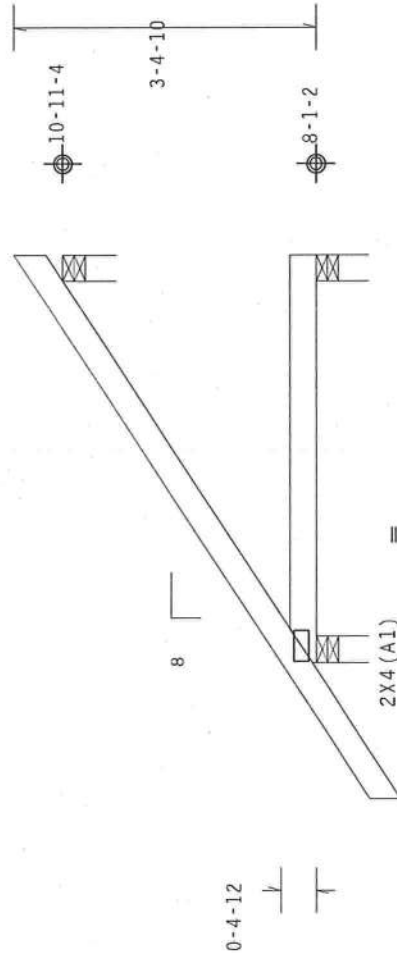
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

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

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP 8, 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.



1-6-0 4-2-6 01318
4-5-14 Over 3 Supports
R=290 U=2 W=3.5"
R=80 U=0 W=3.5"
R=103 U=27 W=3.5"
RL=65/-35

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

****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 BCSI (Building Component Safety Information, by TPI and WCA) practices prior to performing these functions. Installers shall provide temporary bracing for all trusses until they are permanently braced. Trusses shall be braced in accordance with the BCSI (Building Component Safety Information, by TPI and WCA) practices. Trusses shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of trusses shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
TPI Building Components Group Inc. (TPI/BCG) shall not be responsible for any deviation from any failure to build the truss in conformance with ANSI/TPI 3, or for handling, shipping, installation or bracing of trusses. Apply plates to each face of truss and position as shown above and on the drawing details, unless noted otherwise. Refer to drawings 100A-2 for standard plate positions. A seal on the 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. ANSI/TPI 3, Sec. 2.2. More information see: This Job's General Notes, TPI/BCG, www.tpi-bcg.com, TPI: www.tpiinc.org, WCA: www.wcaindustry.com, TCE: www.tccsafe.org

WILLIAM H. KRICK
LICENSE
No. 70861
STATE OF FLORIDA
PROFESSIONAL ENGINEER
10/25/2012

PLT TYP. Wave	Scale = .5" / Ft.
REF R487--	34765
DATE	10/25/12
DRW HCUSR487	12299063
HC-ENG WHK/WHK	
SEQN-	27126
DUR.FAC.	1.25
SPACING	24.0"
JREF-	1UQM487_Z01

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

(12-309--Glenwood King Lacy Crews Residence -- Columbia County, FL - t49)

Top chord	2x4	SP-#1-12A
Bot chord	2x4	SP-M-30

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. 6Cpi (+/-)=0.18

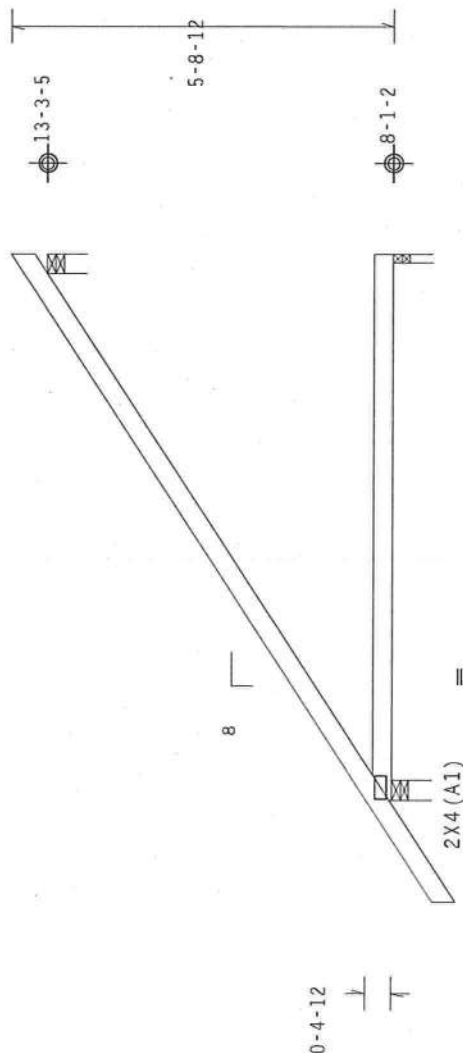
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

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.



$\overbrace{1-6-0} \quad \overbrace{7-8-8} \quad \overbrace{0-13-8}$

8-0-0 Over 3 Supports

R=430 U=0 W=3.5"

R=169 U=0

RL=104/-47

R=20

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

PLT TYP. Wave



Building Components Group Inc.

Haines City, FL 33844
FL COA #0 278

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

IMPORTANT

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of NIST (Building Components Safety) information by TPI and WCA for details on bracing. Truss installers shall provide temporary bracing and bracing as required. Truss installers shall provide bracing, sheathing and blocking as required. Truss installers shall provide bracing for trusses. Truss installers shall have bracing installed per NIST sections B3, B4 or B5, as applicable.

The Building Components Group Inc., (THBCG) shall not be responsible for any deviation from the design shown on drawings issued in accordance with AIAA/TPI 1, or for handling, shipping, installation or application of the product without written approval of the manufacturer. Installation details, unless noted otherwise, refer to drawings AIAA-TPI for standard plate positions. A steel on steel connection is required for all applications. The responsibility of professional engineering design and/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 AIAA/TPI 1 Sec.2. For more information see: www.thbcg.com, www.tendency.com, www.bimlink.com; info@tendency.com; info@bimlink.com; info@tendency.com

10/25/2012

Scale = .375"/Ft.

REF R487-- 34766

DATE 10/25/12

ORW HCUSR487 12299064

IC-ENG WHK/WHK

SEON- 27129

DUR.FAC. 1.25

SPACING 24.0"

REF- 1UQM487_Z01

(12-309--Glenwood King Lacy Crews Residence -- Columbia County, FL - t5)
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

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

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. GCpl (+/-)=0.18

Lumber grades designated with "12A" use design values approved 11/5/2012 by ALSC.

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

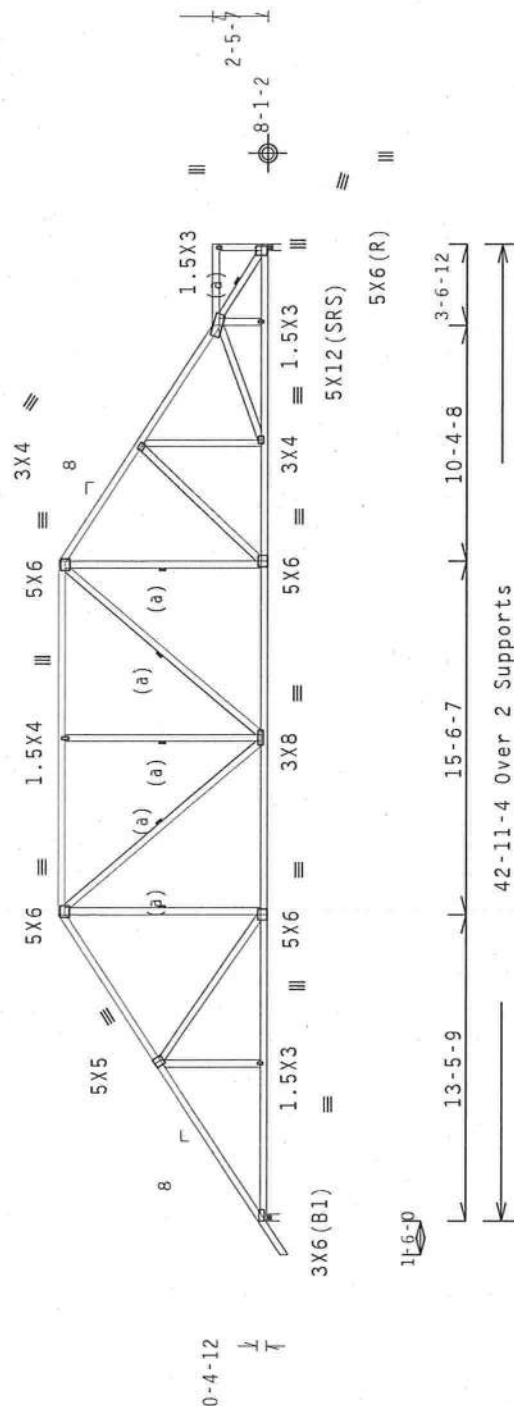
(a) Continuous lateral bracing equally spaced on member.

Right end vertical not exposed to wind pressure.

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.



R=1749 U=65 W=3.5"

RL=152/-152

42-11-4 Over 2 Supports

R=1642 U=58 W=3.5"

PLT TYP. Wave

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

FT/RT=10% (0%) / 0 (0)

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

Scale = .125"/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. The erection of BCS (Building Component Safety) information, by IPI and NICA, practices noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached BCS ceiling. Locations shown for permanent lateral restraint shall have bracing installed per BCS sections B3, B7 or B8, as applicable lateral restraint.

[illegible]

10/25/201

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

Haines City, FL 33844
FL COA #0278

(12-309--Glenwood King Lacy Crews Residence -- Columbia County, FL - t50)

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

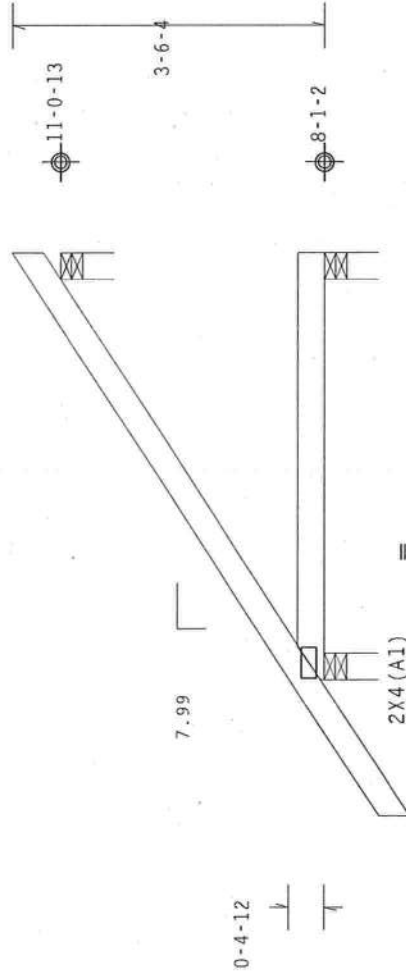
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi (+/-)=0.18

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.



$\angle$ 1-6-0 $\angle$ 4-4-13 $\angle$ 0-3-18
 $\leftarrow$ 4-8-5 Over 3 Supports $\rightarrow$

R=297 IJ=1 W=3 5"

RL=67/-35

R=84 U=0 W=3.5"
R=109 U=29 W=3.5"

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

Scale = .5"/Ft.

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

TC	LL	20.0	P
----	----	------	---

TC DL 7.0 P

10 0 B

[illegible]
$$\frac{0.0}{77.25}$$

TOT.LD. 37.0 P

DUR.FAC. 1.25

SPACING 24.0"

****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 BCSP (Building Component Safety Information, by TPI and KICA) 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 wall shall have bracing installed per BCSP sections B3, R8 and R10, as applicable.

ITB Building Components Group Inc. (ITBCEG) shall not be responsible for any deviation from the design shown on the drawings. ITBCEG shall not be responsible for any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation, bracing of trusses, lifting places to each face of truss and position as shown above and on the drawings. ITBCEG shall not be responsible for any damage to the truss or other components during or after page listing this drawing. ITBCEG 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: ITBCEG general notes; ITB-BEG: www.itbceg.com; TPI: www.tpiinst.org; ATEA: www.ateaindustry.com; ICC: www.iccsafe.org; This Job:

PLT TYP. Wave

<

 $\angle$

10

☐ ALPINE

ing Components Group Inc.

Haines City, FL 33844
FL COA #0 278

1

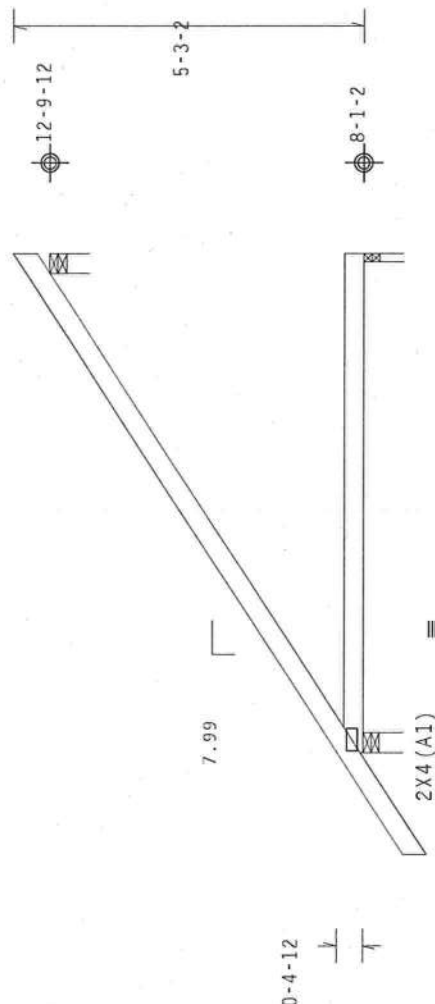
(12-309--Glenwood King Lacy Crews Residence -- Columbia County, FL - t51)

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.

++ Anchorage req'd to prevent truss from slipping off bearing.



$\leftarrow 1-6-0 \rightarrow$ $\leftarrow 7-0-4 \rightarrow$ $\leftarrow 7-12 \text{ Over } 3 \text{ Supports} \rightarrow$ $\leftarrow 0-12-18 \rightarrow$
 $R=391 \quad U=0 \quad W=3.5"$ $R=135 \quad U=0$ $R=96/-44$

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

****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, installation and bracing. Trusses shall follow the latest edition of BSI (Building Safety Institute) practices prior to performing these functions. Installers shall provide temporary bracing per BSI. Trusses shall have a properly attached ridge ceiling. Locations shown for permanent lateral restraint shall have bracing installed per BSI sections B3, B7 or B10, as applicable.

The Building Components Group Inc. (TBCEG) shall not be responsible for any deviation from this design. Any failure to build the truss in accordance with ANSI/TPI 1, or for handling, shipping, installation or for spacing 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 seal on the drawing or cover page listing this drawing, indicates acceptance of professional engineering. The responsibility of the building designer per ANSI/TPI Section 2. This job's general notes page: TB-BEG; www.tbceg.com; TPI: www.tpinet.org; ATCA: www.abctindustry.com; www.tbcega.org

10/25/2012



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

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

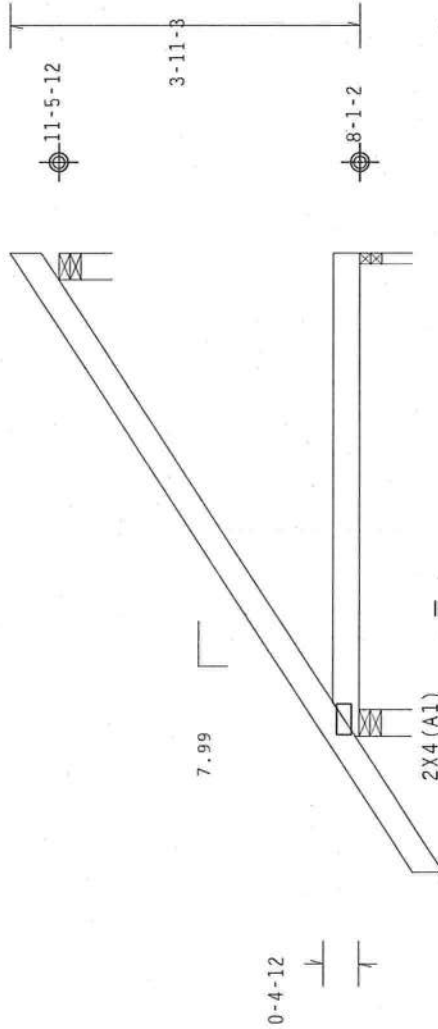
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

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

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.



L< 1-6-0 > 5-0-4 > 5-3-12 over 3 supports > 11-5-12
R=318 U=0 W=3.5"
RL=74/-37
R=126 U=22 W=1
R=96 U=0 W=1

PLT TYP. Wave

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

Scale = .5"/Ft.

	PLT TYP. Wave		REF R487-- 34770	
	Haines City, FL 33844 FL COA #0278		DATE 10/25/12	
	ALPINE		DRW HCUSR487 1229068	
	Haines City, FL 33844 FL COA #0278		HC-ENG WHK/WHK	
	Haines City, FL 33844 FL COA #0278		SEQN- 26924	
	Haines City, FL 33844 FL COA #0278		JREF- 1UQM487_Z01	
PLT TYP. Wave			TC LL 20.0 PSF	
Haines City, FL 33844 FL COA #0278			TC DL 7.0 PSF	
Haines City, FL 33844 FL COA #0278			BC DL 10.0 PSF	
Haines City, FL 33844 FL COA #0278			BC LL 0.0 PSF	
Haines City, FL 33844 FL COA #0278			TOT.LD. 37.0 PSF	
Haines City, FL 33844 FL COA #0278			DUR.FAC. 1.25	
Haines City, FL 33844 FL COA #0278			SPACING 24.0"	

(12-309--Glenwood King Lacy Crews Residence -- Columbia County, FL -- t53)

Top chord 2x4 SP-#1_12A
Bot chord 2x4 SP-#1_12A

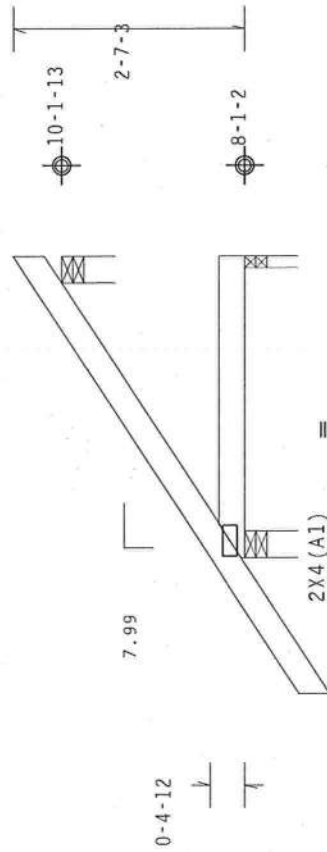
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

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

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.

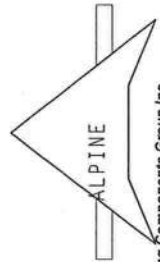


L 1-6-0 > 3-0-4 01318
3-3-12 Over 3 Supports

R=252 U=6 W=3.5" R=57 U=0 W=1.5"
R=67 U=19 W=3.5"
RL=52/-31

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

PLT TYP. Wave



****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
****IMPORTANT**** Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSP (Building Component Safety Information, by TPI and WCA) for practices prior to performing these functions. Installers shall provide temporary bracing per BCSP. Trusses shall be braced in accordance with the design and shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint shall have bracing installed per BCSP sections B3, B7 or B10, as applicable.
TPI Building Components Group Inc. (TBCGI) 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 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 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. For more information see: This job's more information see: TPI-HUG: www.tpi-hug.com; TPI: www.tpiinc.org; WCA: www.wcaindustry.com; ICC: www.iccsafe.org



REF	R487--	34771	Scale = .5" / Ft.
DATE	10/25/12		
DRW	HCUSR487	12299069	
HC-ENG	WHK/WHK		
SEQN	26925		
TOT.LD.	37.0	PSF	
DUR.FAC.	1.25		
SPACING	24.0"		
JREF	1UQM487_Z01		

(12-309--Glenwood King Lacy Crews Residence -- Columbia County, FL - 154)

Top chord 2x4 SP-#1_12A
Bot chord 2x4 SP-#1_12A

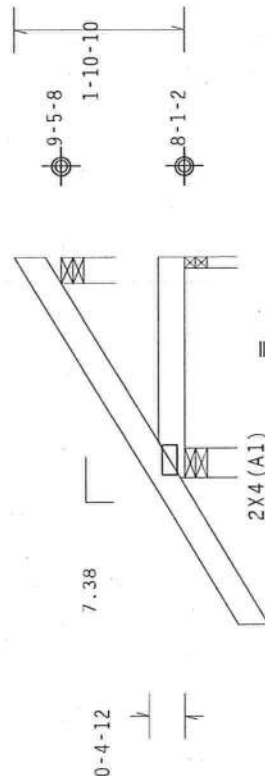
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

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

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.



1-7-7 2-1-9 01348
215-1 Over 3 Supports

R=239 U=15RW=3.860 W=1.5"
R=32 U=10 W=3.5"
RL=41/-25

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

PLT TYP. Wave

ALPINE

Haines City, FL 33844
FL COA #0278

****IMPORTANT****
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. The user must follow the latest edition of BCSI (Building Component Safety Information, by IPI and WICA) practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Trusses must be installed in accordance with the manufacturer's instructions. Trusses shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
The Building Components Group Inc. (BCG) 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, bracing or trusses. Apply plates to each face of truss and position as shown above and on the job details, unless noted otherwise. Refer to drawings 100A-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 general notes page; TPI-BG: www.tpiinst.org; IPI: www.tpiinst.org; WICA: www.tpiindustry.com; BCSI: www.tpicorp.org



Scale = .5" / Ft.	REF R487--	34772
DATE	10/25/12	
DRW	HCUSR487	12299070
HC-ENG	WHK/WHK	
SEQN-	26927	
DUR.FAC.	1.25	
SPACING	24.0"	
JREF-	1UQM487_Z01	

(12-309--Glenwood King Lacy Crews Residence -- Columbia County, FL - t59)
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

: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.

Stacked top chord must NOT be notched or cut in area (NNL). Attach stacked top chord (SC) to dropped top chord in notched 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 notched area using 3x6.

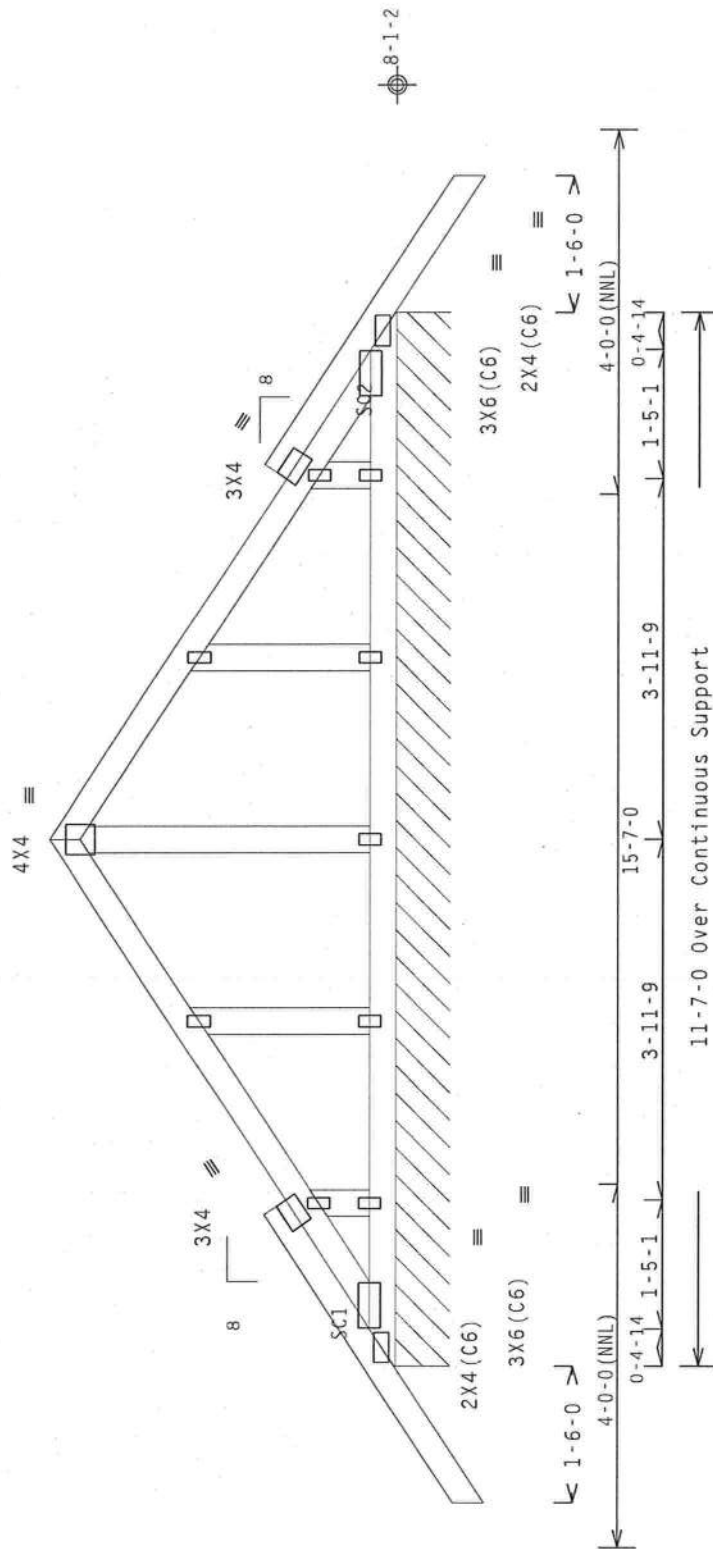
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCPI(+/-)=0.18

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

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.



R=93 PLF U=4 PLF W=11-7-0

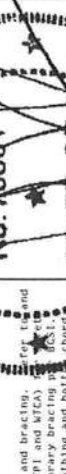
RI=8/-8 PLF

Note: All Plates Are 1.5x3 Except As Shown.

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

PLT TYP. Wave

Scale = 5"/Ft.

 Alpine Components Group Inc. Haines City, FL 33844 FL COA #0278			No. 70861 10/25/2012		
	WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET! FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.				
	IMPORTANT Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of RCSI (Building Component Safety Information, by TPI and WTC) practices prior to performing these functions. Installers shall provide temporary bracing for all trusses. Trusses shall be properly braced during erection. Trusses shall have a properly attached field ceiling. Trusses shall have a properly attached lateral bracing. Trusses shall have bracing installed per RCSI sections B3, B7 or B10, as applicable. TPI Building Components Group Inc. (TBOG) shall not be responsible for any deviation from any failure to build the truss in accordance 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 or 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. For more information see: THIS JOB'S GENERAL NOTES, TPI-REG, www.tboog.com; TPI: www.tpiinc.org; WTC: www.structurepoint.com; ICC: www.iccsafe.org				
	REF	R487--	34773	TC LL	20.0 PSF
	DATE	10/25/12		TC DL	7.0 PSF
DRW	HCUSR487	12299071	BC DL	10.0 PSF	
HC-ENG	WHK/WHK		BC LL	0.0 PSF	
SEQN-	27135		TOT.LD.	37.0 PSF	
DUR.FAC.	1.25				
SPACING	24.0"				
JREF-	1UQW487_Z01				

(12-309--Glenwood King Lacy Crews Residence -- Columbia County, FL - t6)
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, Located anywhere in roof, 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.

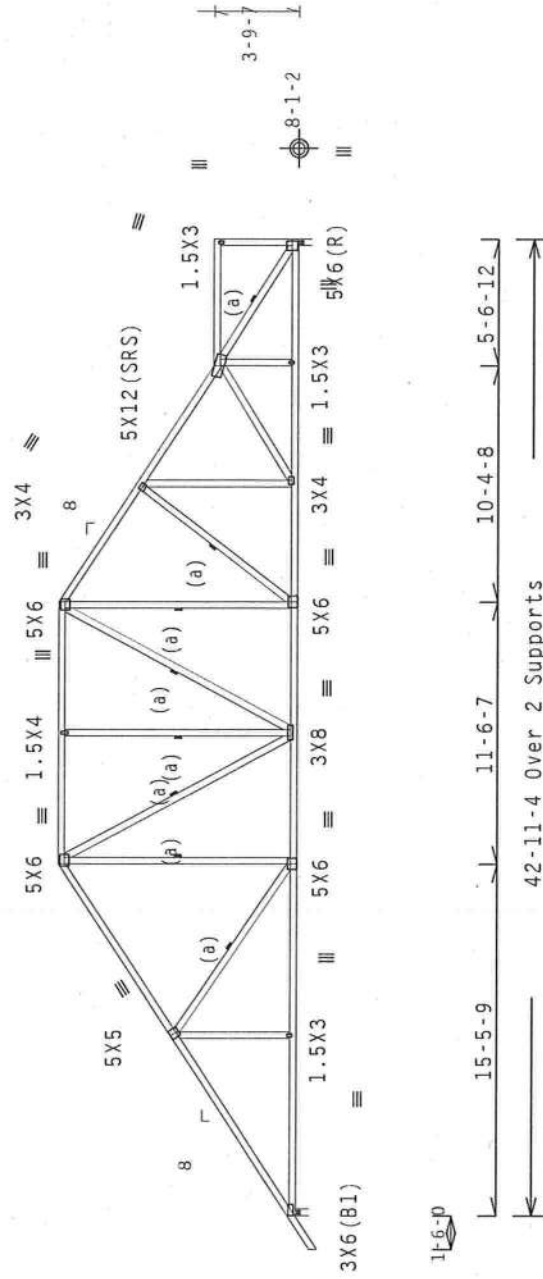
(a) Continuous lateral bracing equally spaced on member.

Right end vertical not exposed to wind pressure.

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

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=1749 U=61 W=3.5"

RL=166/-160

R=1642 U=59 W=3.5"

PLT TYP. Wave

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

Scale = .125"/Ft.

FL/-4/-/-R/-

TC LL	20.0 PSF	REF	R487--	34774
TC DL	7.0 PSF	DATE	10/25/12	
BC DL	10.0 PSF	DRW	HCUSR487	12299072
BC LL	0.0 PSF	HC-ENG	WHK/WHK	
TOT.LD.	37.0 PSF	SEQN	27138	
DUR.FAC.	1.25			
SPACING	24.0"	JREF	1UQM487_Z01	

10/25/2012

10/25/2012

10/25/2012

10/25/2012

(12-309--Glenwood King Lacy Crews Residence -- Columbia County, FL - t60)

Top	chord	2x4	SP_#1-12A
30t	chord	2x4	SP_#1-12A
	webs	2x4	SP_#3-12A

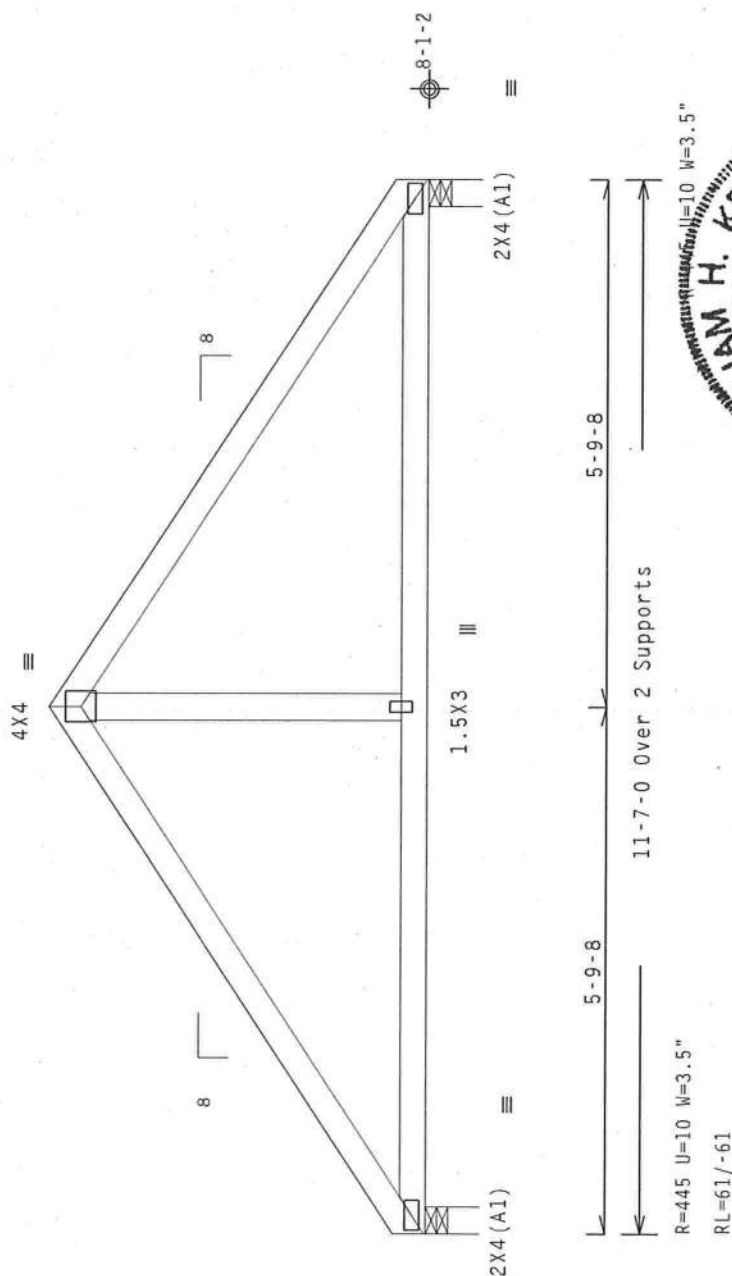
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi (+/-)=0.18

Lumber grades designated with "12A" use design values approved 11/5/2012 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.



R=445 U=10 W=3.5"

$$RL=61/-61$$

PLOT TYP.: Wave

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

Scale = .5"/Ft.

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

No 70861

TC LL	20.0 PSF
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R487-- 34775

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCS! (Building Component Safety Information, by TPI and WCA) for safety

TC DL 7.0 PSF

DATE 10/25/12

practices prior to performing these functions. Installers shall provide temporary bracing services. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord

BC DI 10 0 PSE

77/07/01 2100

shall have bracing installed per BCS sections 83, 87 or 810, as applicable.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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HW HCU3K467 1Z299073

ITB Building Components Group Inc. (ITBCG) shall not be responsible for any deviation from the design of the truss from the design shown on the drawings. ITBCG shall not be responsible for any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation, or use of the truss. ITBCG shall not be responsible for any failure of trusses, including, but not limited to, any failure to erect, use, or maintain the trusses in accordance with the design shown on the drawings.

454	0.0	77	28
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IC-ENG WHK / WHK

Welding or cover plate listing this drawing, indicates acceptance of professional engineering

TOT, LD. 37.0 PSF

EQN- 26928

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 journal

DUR.FAC. 1.25

100

General notes page: 114-806; www.ftbcey.com; TPI: www.tpinet.org; NTCA: www.sbcindustry.com;
TCC: www.tccsafe.org

SPACING 24.0"

REF- 1UQM487_Z01

(12-309--Glenwood King Lacy Crews Residence -- Columbia County, FL - t61)

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, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpl(+/-)=0.18

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

Left and right cantilevers are exposed to wind

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

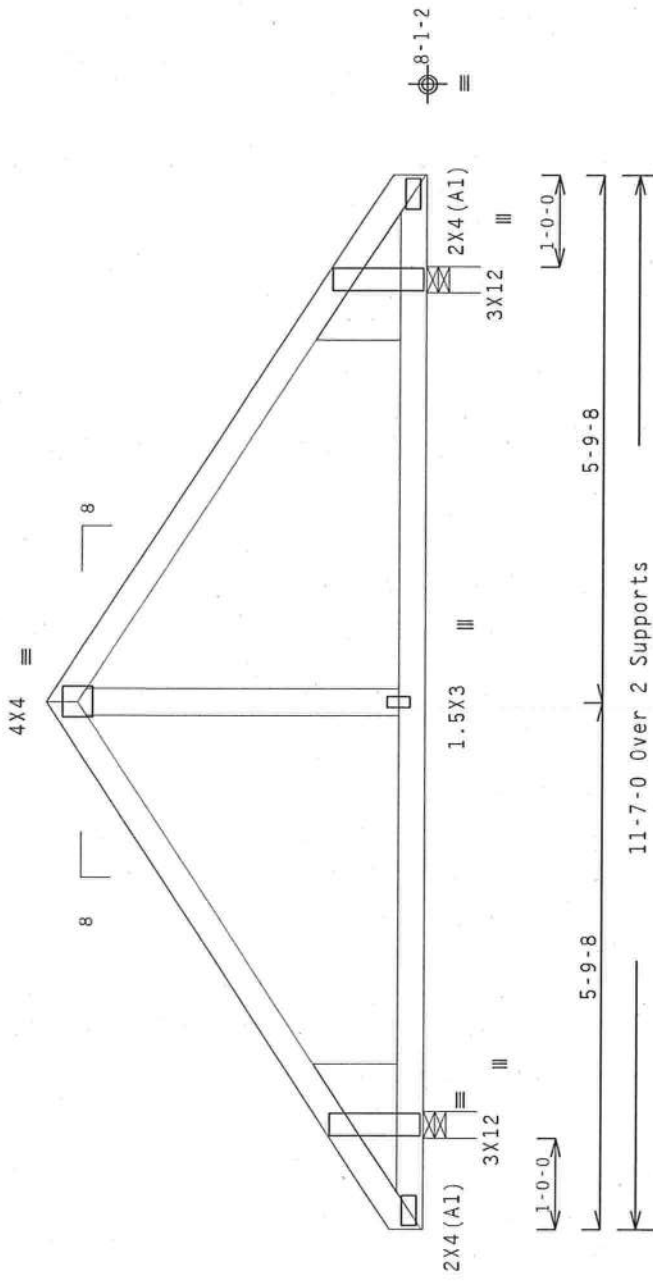
Top chord 2x4 SP_#1_12A
Bot chord 2x4 SP_#1_12A
Webs 2x4 SP_#3_12A
Lt Wedge 2x12 SP_#2_12A::Rt Wedge 2x12 SP_#2_12A:
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

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

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

Left and right cantilevers are exposed to wind

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)

R=448 U=6 W=3.5
RL=61/-61

Scale = .5"/Ft.

REF	R487--	34776
DATE	10/25/12	
DRW	HCUSR487	12299074
HC-ENG	WHK/WHK	
SEQN	26929	
DUR.FAC.	1.25	
SPACING	24.0"	
JREF	1UQM487_Z01	

Professional Engineer Seal: WILLIAM H. KRICK, No. 70861, State of Florida, License No. 70861, 10/25/2012

Alpine Truss Components Group Inc. Haines City, FL 33844 FL COA #0 278

(12-309--Glenwood King Lacy Crews Residence -- Columbia County, FL - t65)

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, Located anywhere in roof, 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.

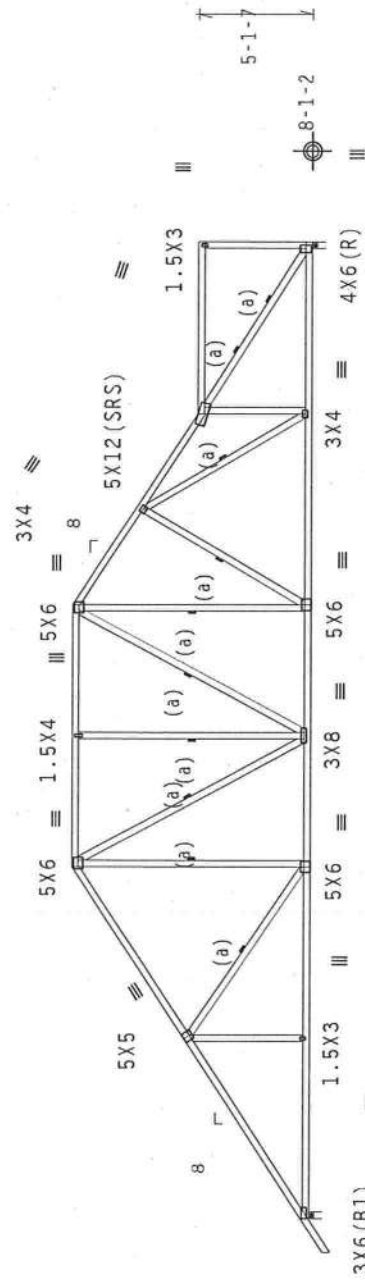
(a) Continuous lateral bracing equally spaced on member.

Right end vertical not exposed to wind pressure.

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

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.



11-6-0

15-5-9 11-6-7 8-4-8 7-6-12
42-11-4 Over 2 Supports

R=1749 U=59 W=3.5"

RL=158/-145

R=1642 U=64 W=3.5"

PLT TYP. Wave

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

Scale = .125"/Ft.

 Alpine Engineering Haines City, FL 33844 FL COA #0278	PLT TYP. Wave		Design Crit: FBC2010Res/TPI-2007 (STD) FT/RT=10% (0%)/0 (0)		Scale = .125"/Ft.
	11-6-0		15-5-9 11-6-7 8-4-8 7-6-12		42-11-4 Over 2 Supports
	R=1749 U=59 W=3.5"		RL=158/-145		R=1642 U=64 W=3.5"
	3X6 (B1)		5X6 1.5X4 5X6 3X4 1.5X3 5X12 (SRS) 1.5X3 4X6 (R)		5-1-7 8-1-2
	0-4-12		11-6-0		11-6-0



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 RCES (Building Component Safety Information, by TPI and WCA) for proper installation and bracing. Trusses shall be installed in accordance with the RCES. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have bracing installed per RCES sections B3, B7 or B10, as applicable.
TPI Building Components Group Inc. (TBCGI) 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 180A-2 for standard plate positions. A seal on drawing or cover page listing this drawing, indicates acceptance of professional engineering. The responsibility of the building designer, engineer, architect or contractor shall be to verify the general notes page: TPI-BEG: www.tpiweb.org; TPI: www.tpinet.org; WCA: www.sheindustry.com; ICC: www.iccsafe.org

(12-309--Glenwood King Lacy Crews Residence -- Columbia County, FL - t66)

Top chord 2x4 SP-#1_12A
Bot chord 2x4 SP-#1_12A :B2 2x4 SP M-30:
Webs 2x4 SP-#3_12A

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

(a) Continuous lateral bracing equally spaced on member.

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

PLT TYP. Wave

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

Scale = .125" / Ft.

ALPINE

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

WILLIAM H. KRICK
LICENSE
No. 70861
STATE OF FLORIDA
PROFESSIONAL ENGINEER

10/25/2012

REF	R487--	34778
DATE	10/25/12	
DRW	HCUSR487	12299076
HC-ENG	WHK/WHK	
SEQN	26931	
TOT.LD.	37.0 PSF	
DUR.FAC.	1.25	
SPACING	24.0"	
JREF	1U0M487_Z01	

FL - t68)

(12-309--Glenwood King L

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. 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.

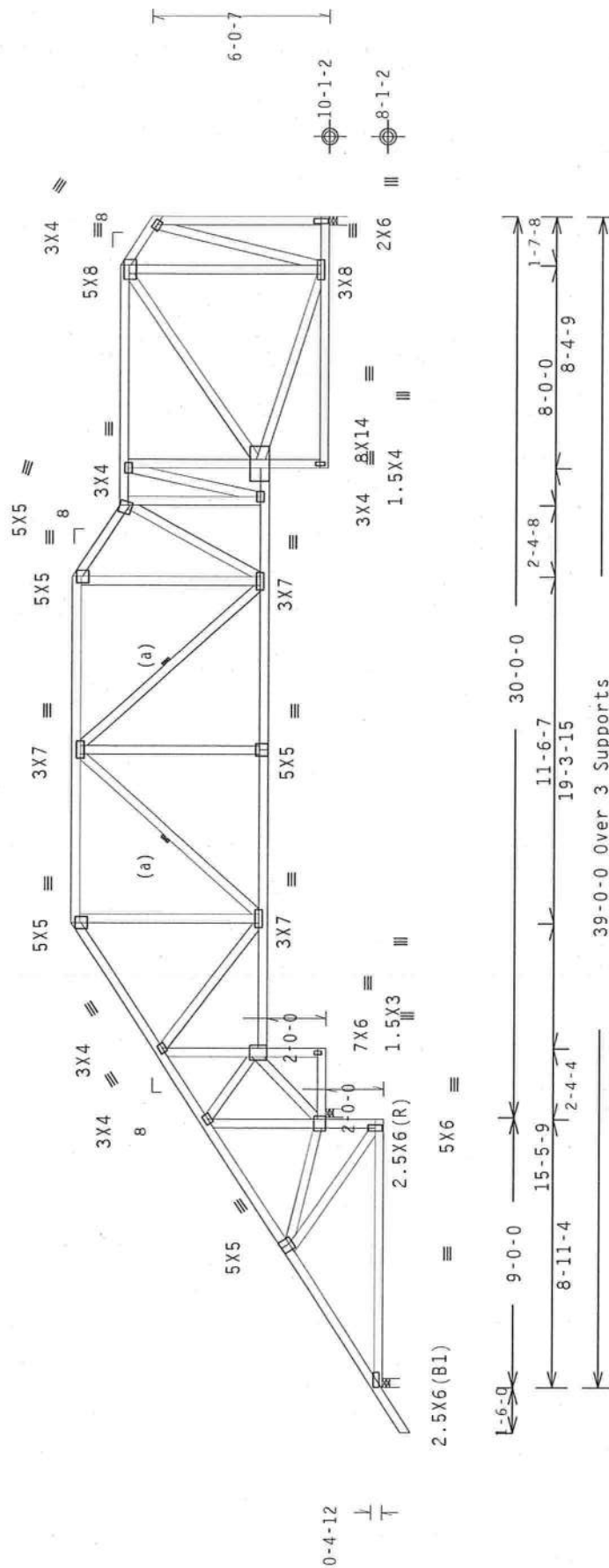
(a) Continuous lateral bracing equally spaced on member.

Right end vertical not exposed to wind pressure.

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.



R=403 U=0 W=3.5"

R=1635 U=107 W=3.5"

PLOT TYP. Wave

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

Scale = .1875"/Ft.

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

****IMPORTANT**** Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSP (Building Component Safety Information, by IPI and ATCA) 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 properly attached rigid ceiling. Locations shown for permanent lateral restraint of walls shall have bracing installed per BCSP sections B3, B7 or B10, as applicable.

ITI Building Components Group Inc. (ITBCEG) shall not be responsible for any deviation from the bracing of trusses, apply plates to each face of truss for ANSI/TPI 1, or for handling, shipping, installing or erecting of trusses. Refer to drawings I00A-2 for standard plate positions. A seal on the drawings, unless noted otherwise, shall be required for professional engineering and structural design. ITBCEG shall not be responsible for the design, design, or construction of the structure. The responsibility solely for the design, design, or construction of the structure shall be the responsibility of the building designer per ANSI/TPI 1 Sec.2. For more information see: This job's general notes, page: ITN-BCEG; www.itbceg.com; TPI: www.tpinot.org; ATCA: www.bcindustry.com; ICC: www.iccsafe.org

No. 70861

STATE OF FLORIDA

PROFESSIONAL ENGINEER

10/25/2012

REF R487 -- 34780

DATE 10/25/12

DRW HCUSR487 12299078

HC-ENG WHK/WHK

SEQN- 26933

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"

ALPINE

Alpine Components Group Inc.

Haines City, FL 33844

FL COA #0 278

JREF - 1UQM487 Z01

Top chord 2x4 SP_#1_12A
Bot chord 2x4 SP_#1_12A
Webs 2x4 SP_#3_12A :W2, W5, W6 2x4 SP_#1_12A:
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. 6Cpf (+/-)=0.18

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

Calculated horizontal deflection is 0.19" due to live load and 0.26" due to dead load.

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

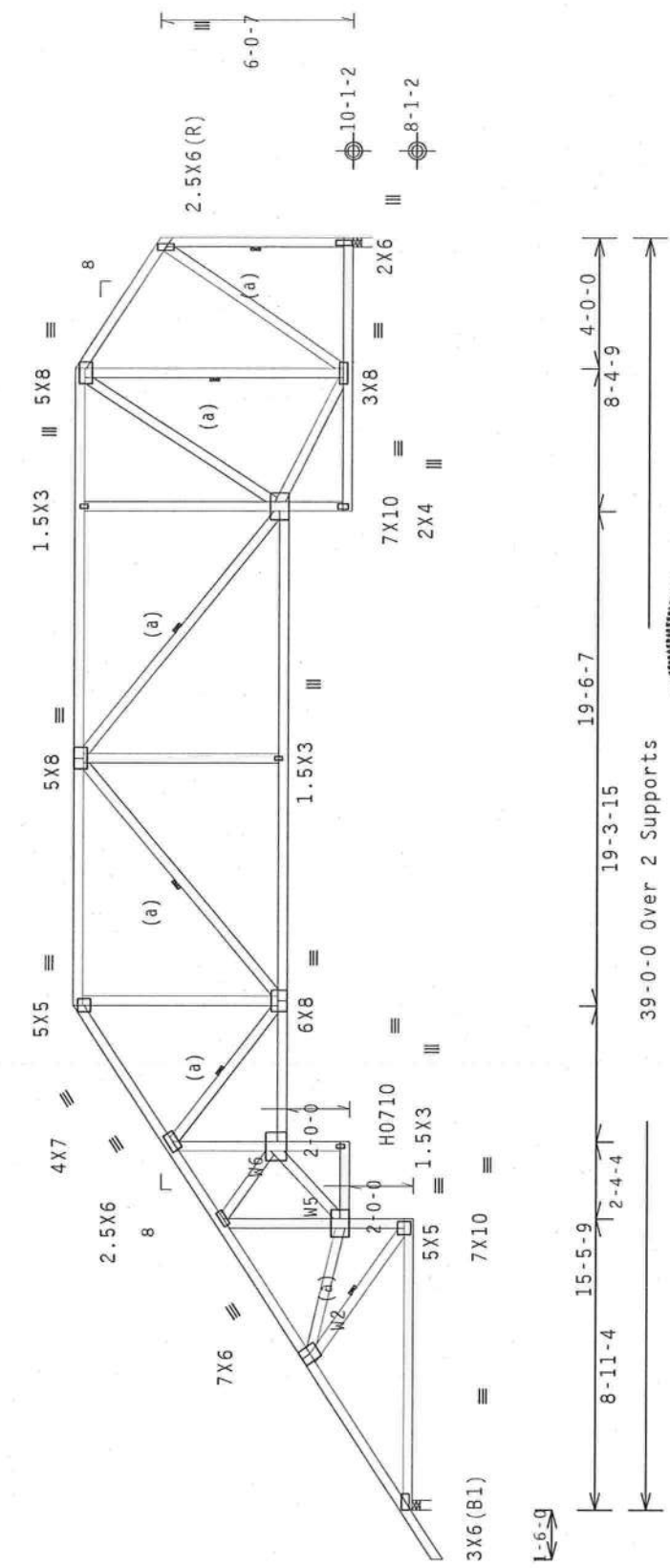
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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

Right end vertical not exposed to wind pressure.

(a) Continuous lateral bracing equally spaced on member.

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



R=1598 U=46 W=3.5"
RL=143/-110
R=1490 U=67 W=3.5"

PLT TYP. 20 Gauge HS, Wave
Design Crit: FBC2010Res/TPI-2007 (STD)
FT/RT=10%(0%)/0(0)
Scale = .1875"/Ft.

PLT TYP. 20 Gauge HS, Wave		FL / - / 4 / - / - / R / -	REF R487-- 34781
DATE 10/25/12		TC LL 20.0 PSF	DATE 10/25/12
DRW HCUSR487 12299079		TC DL 7.0 PSF	DRW HCUSR487 12299079
HC-ENG WHK/WHK		BC DL 10.0 PSF	HC-ENG WHK/WHK
SEON- 26934		BC LL 0.0 PSF	SEON- 26934
JREF- 1UQM487_Z01		TOT.LD. 37.0 PSF	JREF- 1UQM487_Z01
DUR.FAC. 1.25		SPACING 24.0"	

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

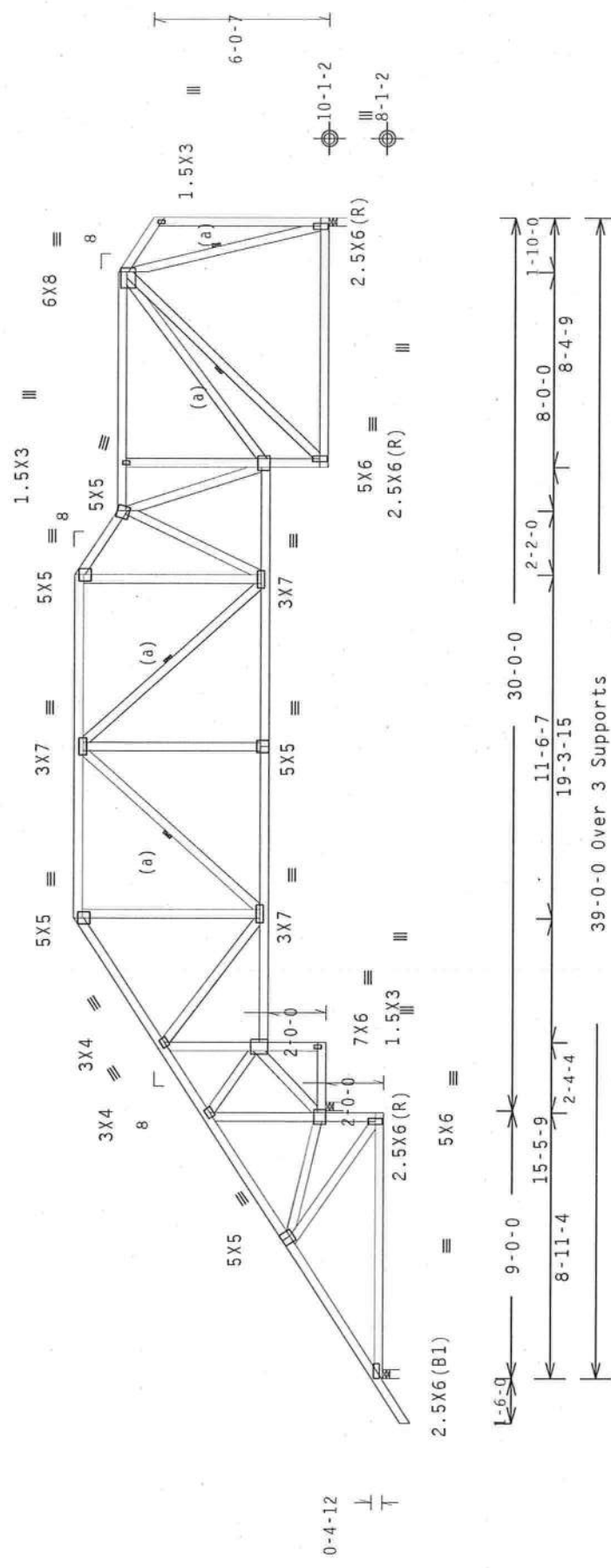


Top chord 2x4 SP #1_12A
Bot chord 2x4 SP #1_12A
Webs 2x4 SP #3_12A

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

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

- (a) Continuous lateral bracing equally spaced on member.
- In lieu of structural panels use purlins to brace all flat TC @ 24" OC.
- Right end vertical not exposed to wind pressure.
- 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=406 U=0 W=3.5"
RL=144/-109

R=1627 U=107 W=3.5"

R=1116 U=42 W=3.5"

PLT TYP. Wave

ALPINE

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

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

Scale = .1875"/Ft.

REF R487-- 34783
DATE 10/25/12
DRW HCUSR487 12299081
HC-ENG WHK/WHK
SEQN- 26936
JREF- 1UQM487_Z01

10/25/2012

10/25/2012

(12-309--Glenwood King Lacy Crews Residence -- Columbia County, FL - t71)

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., Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. 6Cpi (+/-)=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.

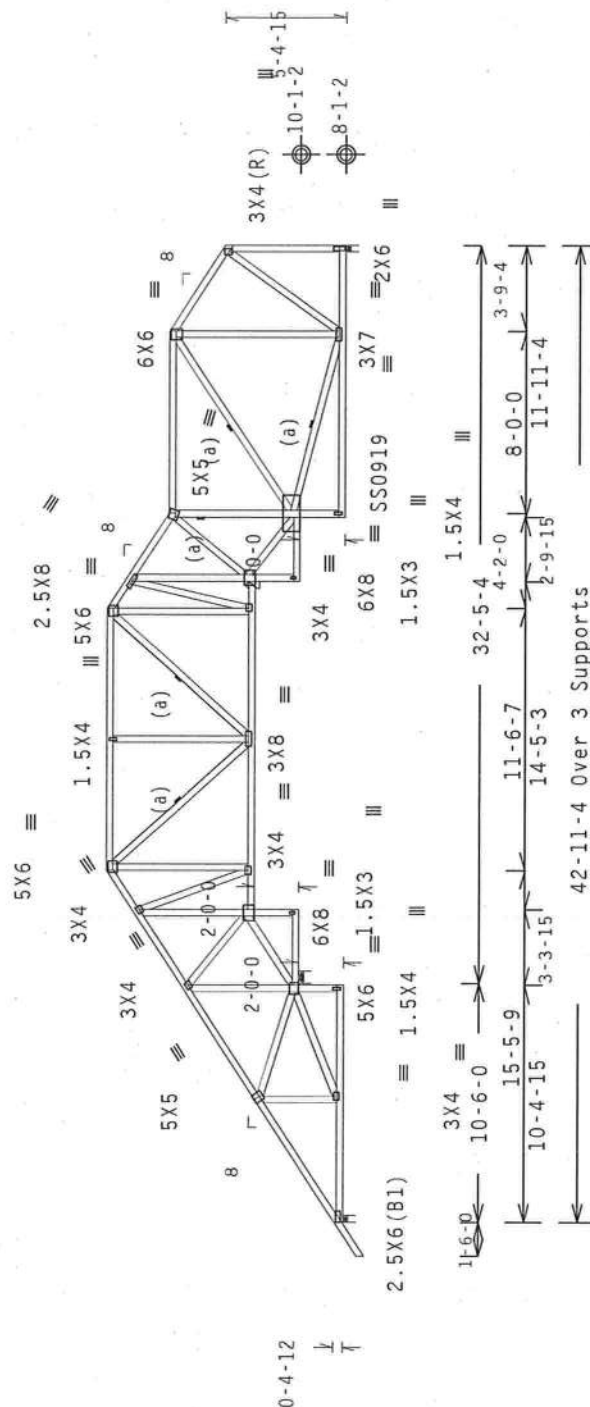
(a) Continuous lateral bracing equally spaced on member.

Right end vertical not exposed to wind pressure.

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.



R=1193 U=42 W=3.5"

R=463 U=0 W=3 5"

R=1809 IJ=81 W=6.44g"

RL=156/-141

PLT TYP. 18 Gauge HS, Wave

Design Crit: FBC2010Res/TPI-2007(STD
FT/RT=10%(0%)/0(0))
$$\text{FL} / - / 4 / - / - / \text{R} / - /$$

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

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

FL/-/4/-/-/R/-	Scale = .125"/Ft.
TC LL 20.0 PSF	REF R487-- 34784

7.0 PSF	DATE	10/25/12
---------	------	----------

3C DL	10.0 PSF	DRW	HCUSR487 12299082
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HC-ENG	WHK / WHK
0.0 PSF	

TOT.LD.	37.0 PSF	SEON -	27147
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OUR.FAC.	1.25
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SPACING	24.0"	JREF- 1UQM487 Z01
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..IMPORTANT..

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. Installers shall follow the latest edition of BCSI Building Practices Manual for Trusses and shall follow the building practices prior to top chord shall have properly attached structural sheathing and blocking. Trusses shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint and bracing shall have bracing installed per BCSI sections 82, M7 or B19, as applicable.

[illegible]

Building Components Group Inc.

Haines City, FL 33844
FL COA #0278

(12-309--Glenwood King Lacy Crews Residence -- Columbia County, FL - t72)

Top chord 2x4 SP_#1_12A
Bot chord 2x4 SP_#1_12A :B2 2x4 SP M-30:
Webs 2x4 SP_#3_12A

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

(a) Continuous lateral bracing equally spaced on member.

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

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

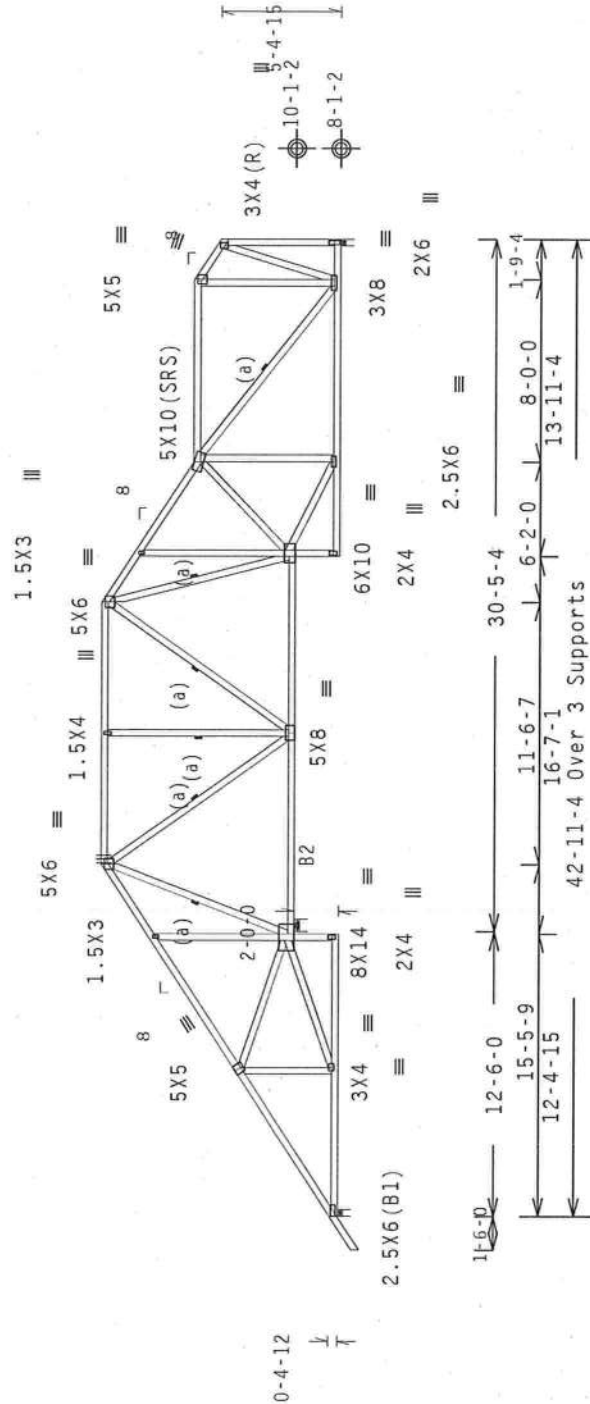
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCPI(+/-)=0.18

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

Right end vertical not exposed to wind pressure.

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=769 U=29 W=3.5"

RL=156/-141

R=1390 U=41 W=6.449"

R=1232 U=51 W=3.5"

PLT TYP. Wave

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

Scale = .125"/Ft.

	PLT TYP. Wave		REF R487--	34785		
	DATE		10/25/12			
	DRW HCUSR487		12299083			
	HC-ENG WHK/WHK		SEON-	26937		
	DUR.FAC.		1.25			
JREF - 1UQM487_Z01			SPACING	24.0"		
10/25/2012			TOT.LD.	37.0 PSF		
			BC LL	0.0 PSF		
			BC DL	10.0 PSF		
			TC DL	7.0 PSF		
			TC LL	20.0 PSF		

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) Continuous lateral bracing equally spaced on member.

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

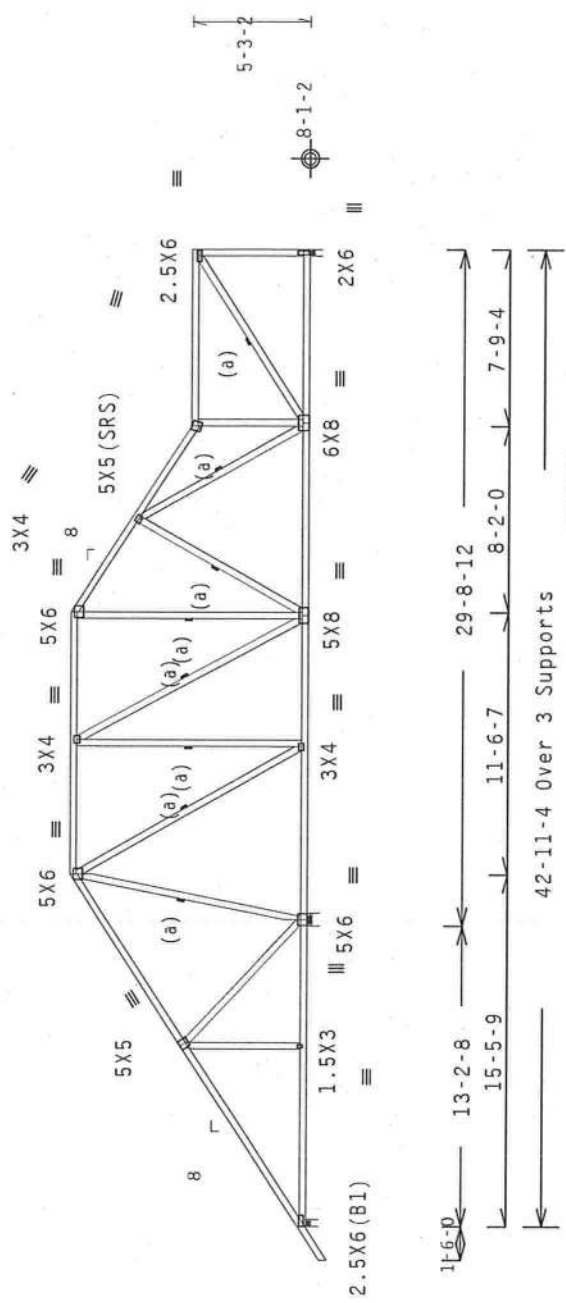
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg. Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCPI(+/-)=0.18

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

Right end vertical not exposed to wind pressure.

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=1071 U=41 W=3.5"
R=543 U=6 W=3.5"
R=1842 U=76 W=6.449"
RL=157/-144

PLT TYP. Wave

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

Scale = .125"/Ft.

	PLT TYP. Wave		REF R487-- 34786
	Haines City, FL 33844 FL COA #0 278		DATE 10/25/12
	ALPINE		DRW HCUSR487 12299084
	Haines City, FL 33844 FL COA #0 278		HC-ENG WHK/WHK
	Haines City, FL 33844 FL COA #0 278		SEQN- 26938
JREF- 1UQM487_Z01			

(12-309--Glenwood King Lacy Crews Residence -- Columbia County, FL - t74)

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) Continuous lateral bracing equally spaced on member.

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

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

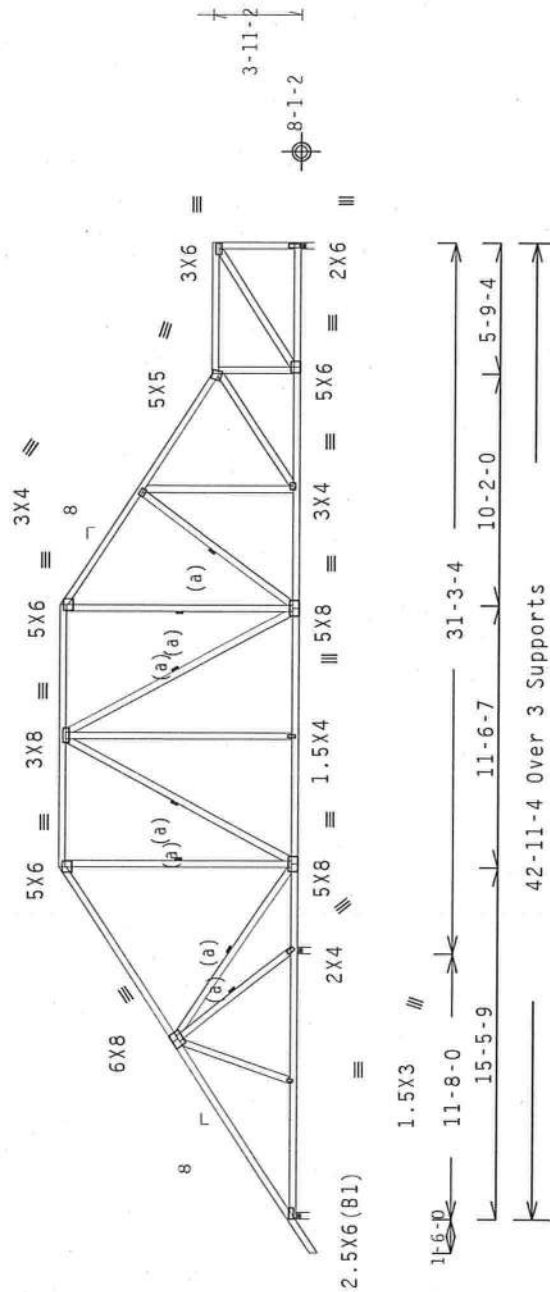
120 mph wind, 15.00 ft mean hgt., ASCE 7-10, CLOSED bldg. Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCPI(+/-)=0.18

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

Right end vertical not exposed to wind pressure.

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=658 U=22 W=3.5"

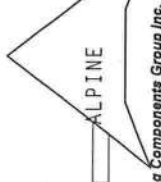
RL=166/-158

R=1233 U=45 W=3.5"

PLT TYP. Wave

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

Scale = .125" / Ft.

 Alpine Components Group Inc. Haines City, FL 33844 FL COA #0278	No. 70861 Professional Engineer State of Florida 10/25/2012		FL / - / 4 / - / - / R / -	REF R487-- 34787
	DATE 10/25/12		TC LL 20.0 PSF	DRW HCUSR487 12299085
	DRW HCUSR487 12299085		TC DL 7.0 PSF	HC-ENG WHK/WHK
	HC-ENG WHK/WHK		BC DL 10.0 PSF	SEON- 26939
	SEON- 26939		BC LL 0.0 PSF	DUR.FAC. 1.25
TOT.LD. 37.0 PSF		SPACING 24.0"	JREF- 1UQM487_Z01	

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.
(12-309--Glenwood King Lacy Crews Residence -- Columbia County, FL - t75)

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

:Rt Slider 2x8 SP_#1 Dense_12A: BLOCK LENGTH = 2.213'

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

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.

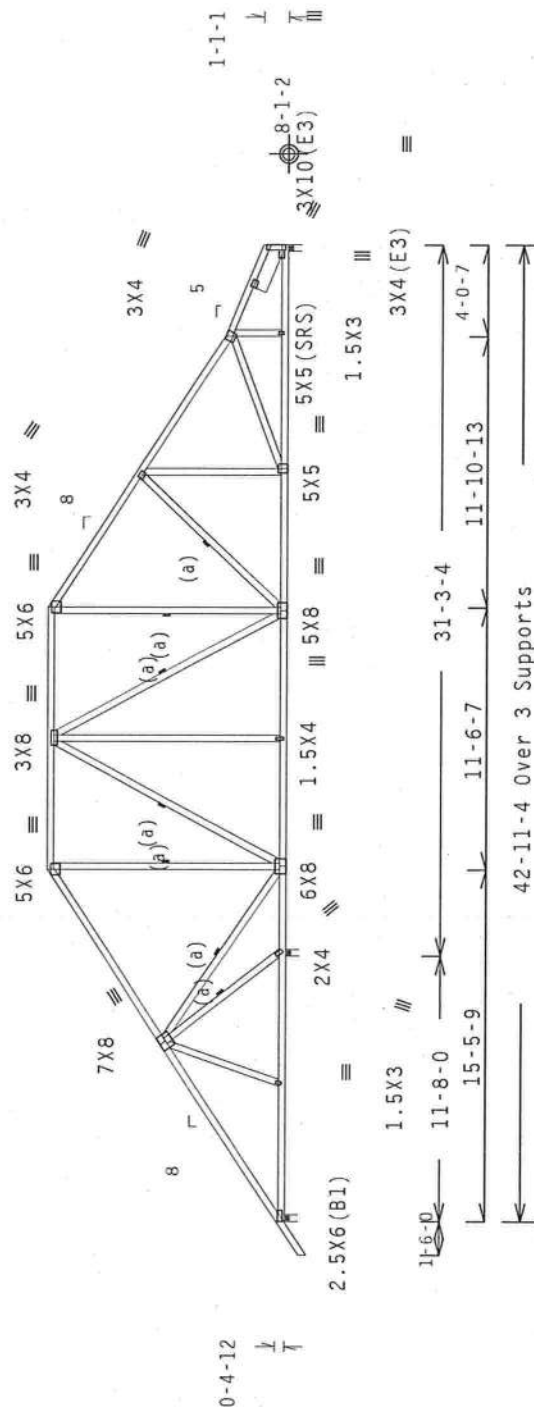
120 mph wind, 15.00 ft mean hgt., ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf, GCpi (+/-)=0.18

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

(a) Continuous lateral bracing equally spaced on member.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x24"-wide clearance.

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



R=1316 U=40 W=3.5"

R=582 IJ=31 W=3 5"

R=1929 U=44 W=3.5"

RL=179/-189

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

PLT TYP. Wave

10.03.11.0209.20
FL/-/4/-/-/R/-

$$\text{Scale} = 125''/\text{Ft}$$

****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. Use the latest edition of BCSI (Building Component Standards) by TPI and WCA for all bracing information. Temporary bracing per BCSI. Trusses shall have a properly attached and braced ceiling and bottom chord. Trusses shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

The Building Components Group Inc. (TBG) shall be responsible for any deviation from the design or construction details shown on drawings. TBG shall be responsible for any failure to build the truss in conformance with ANSI/TPI 1-98, and shall be responsible for all details, unless noted otherwise. Refer to drawings IBOA-Z for standard plate positions. A seal on drawing or cover page listing this drawing indicates acceptance of professional engineering responsibility 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: <http://www.tbgi.com>; (800) 667-1140; info@tbgi.com; www.tpi.org; ATC@www.socindustries.com; www.ussteel.org

Building Components Group Inc.

Haines City, FL 33844
FL COA #0 278

10/25/2012

JREF - 1UQM487_Z01

THIS DMG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.
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, GCpl(+/-)=0.18

Top chord 2x4 SP #1_12A
Bot chord 2x4 SP #1_12A
Webs 2x4 SP #3_12A
:Rt Slider 2x8 SP #1_Dense_12A: BLOCK LENGTH = 2.213'

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

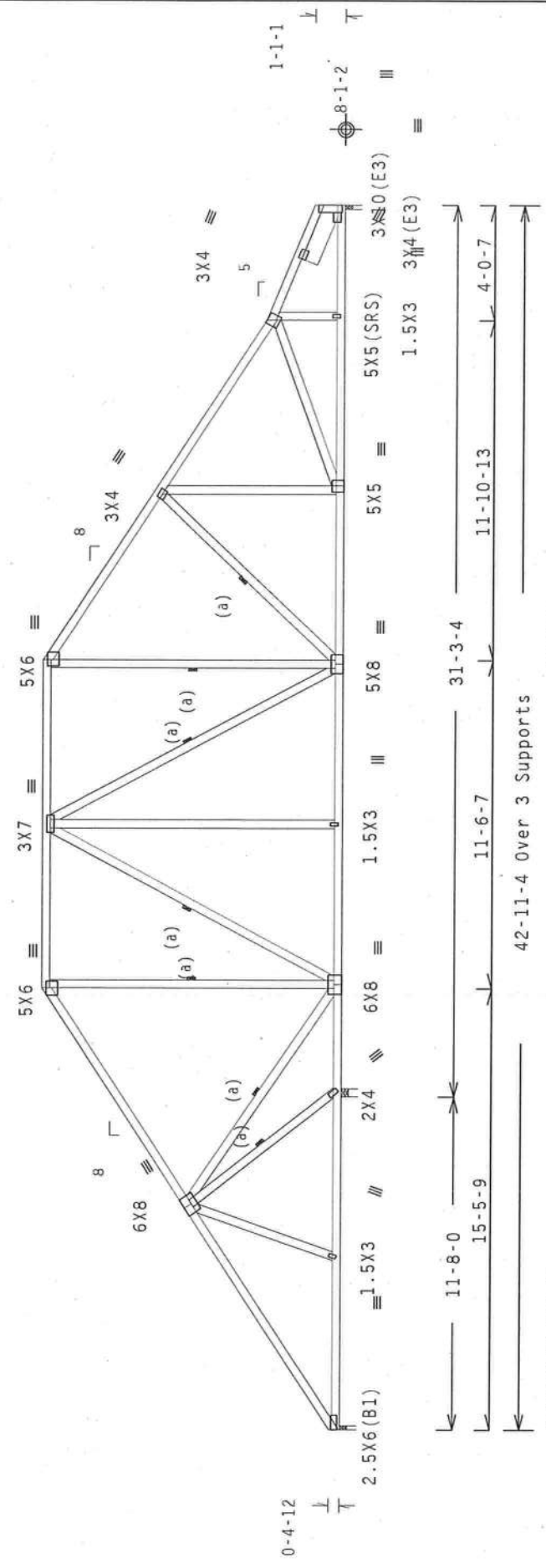
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

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.



R=1183 U=40 W=1.5"

R=1634 U=47 W=3.5"

R=461 U=16 W=1.5"

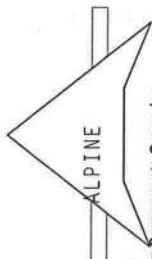
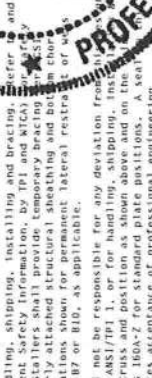
RL=167/-168

42-11-4 Over 3 Supports

PLT TYP. Wave

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

FL/-4/-/-R/- Scale = .1875"/Ft.

 ALPINE ing 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 BCSP (Building Component Safety Information, by TPI and MTC) 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 walls shall have bracing installed per BCSP sections B3, B7 or B10, as applicable. ITD Building Components Group Inc. (ITDBG) 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 the truss. ITDBG shall not be responsible for the erection position as shown above and on the details, unless noted otherwise. Refer to drawings for details. The responsibility of the building designer for the design shown, the suitability and use of this design for any structural application, and the responsibility of the building designer per ANSI/TPI 1 Sec.2. For more information see: general notes page: ITD-HCB; www.itdbg.com; TPI: www.tpiinst.org; MTC: www.sctindustry.com		No. 70861  STATE OF FLORIDA PROFESSIONAL ENGINEER 10/25/2012	TC LL	20.0 PSF	REF	R487--	34789
			TC DL	7.0 PSF	DATE	10/25/12		
			BC DL	10.0 PSF	DRW	HCUSR487	12299087	
			BC LL	0.0 PSF	HC-ENG	WHK/WHK		
			TOT.LD.	37.0 PSF	SEQN	26941		
			DUR.FAC.	1.25				
		SPACING	24.0"	JREF	1UQM487_Z01			

Top chord 2x4 SP_#1_12A :T5 2x6 SP_#2_12A:

Bot chord 2x4 SP_#1_12A

Webs 2x4 SP_#3_12A

:Rt Slider 2x8 SP_#1_Dense_12A: BLOCK LENGTH = 2.143'

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

(a) Continuous lateral bracing equally spaced on member.

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

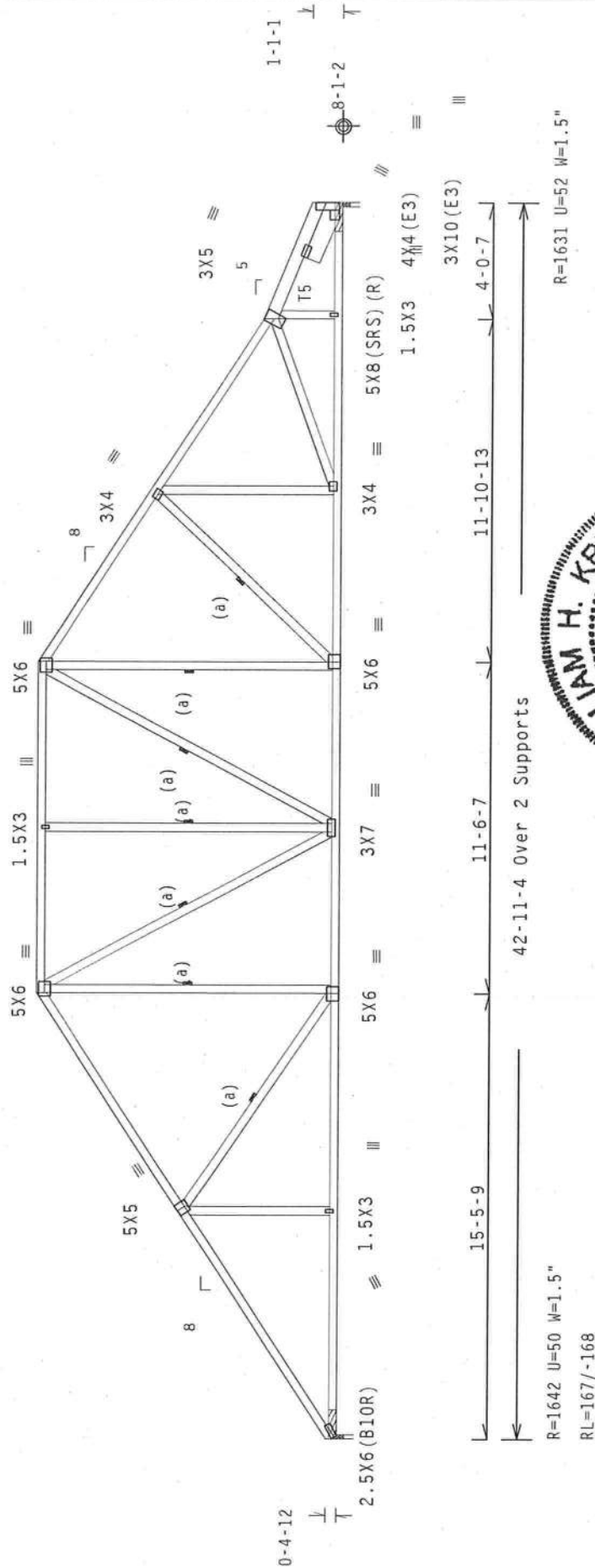
Bottom chord checked for 10.00 psf non-concurrent live load.

Brg blocks: 0.131"x3", min. nails
brg x-loc. #blocks length/blk #nails/blk wall plate
1 0.000' 1 12" 4 Rigid Surface
2 42.813' 1 12" 4 Rigid Surface
Brg block to be same size and species as chord.
Refer to drawing CNAALSP0109 for more information.

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.

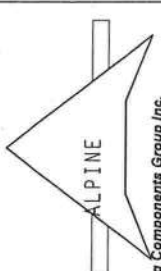


PLT TYP. Wave

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

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

Scale = .1875"/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. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and WCA) for 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 responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the building designer. For more information see: This job's general notes page: 116-BEG; www.tlccs.com; TPI: www.tpiinc.org; WCA: www.wcainc.com; ICC: www.iccsafe.org	
	REF	R487-- 34791
	DATE	10/25/12
	DRW	HCUSR487 12299089
	HC-ENG	WHK/WHK
	SEQN-	26943
	DUR, FAC.	1.25
	SPACING	24.0"
JREF- 1UQM487_Z01		

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

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

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

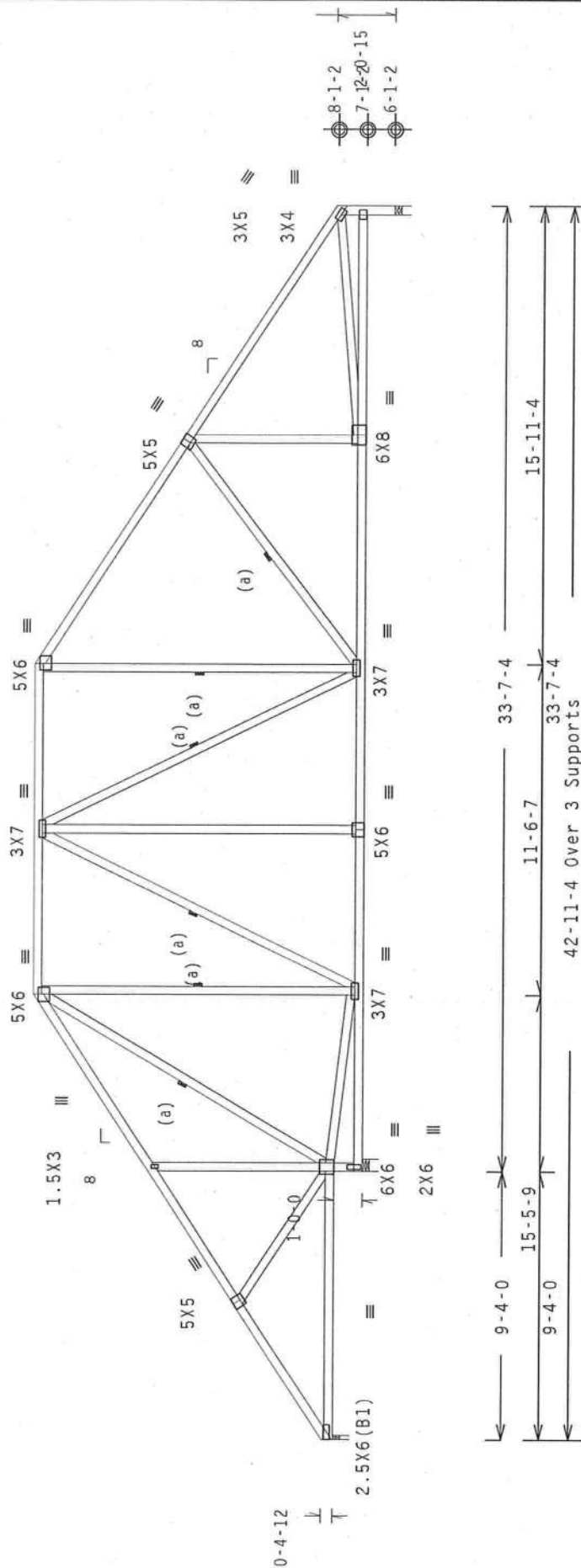
(a) Continuous lateral bracing equally spaced on member.

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

Right end vertical not exposed to wind pressure.

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=391 U=0 W=1.5"

RL=182/-183

R=1609 U=84 W=4.95"

POLT 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!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

Contractors shall be responsible for all contracting, including, but not limited to, purchasing, fabricating, erecting, installing, and bracing. Contractors shall follow the latest edition of BESS Building Component Safety Information, by TPI and WCA, for all bracing details. Contractors shall provide temporary bracing and shoring for all steel members until permanent bracing is installed. Contractors shall provide all structural steel bracing and shoring for all steel members until permanent bracing is installed. Contractors shall have bracing installed per BESS sections B3, B7 or, as applicable, B10.

ALPINE

Building Components Group Inc.

Business City, FL 33844
FL COA #0278

10/25/2012

general notes page: ITW-8CG; www.itwocg.com; TFI: www.tfinst.org; MTCA: www.abelindustry.com; ICC: www.iccsafe.org

SPACING 24 0"

REF- 1UQM487_Z01

Top chord 2x4 SP_#1_12A
Bot chord 2x4 SP_#1_12A
Webs 2x4 SP_#3_12A
:W2, W5, W6, W14, W15 2x4 SP_#1_12A:

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

Calculated horizontal deflection is 0.25" due to live load and 0.33" due to dead load.

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

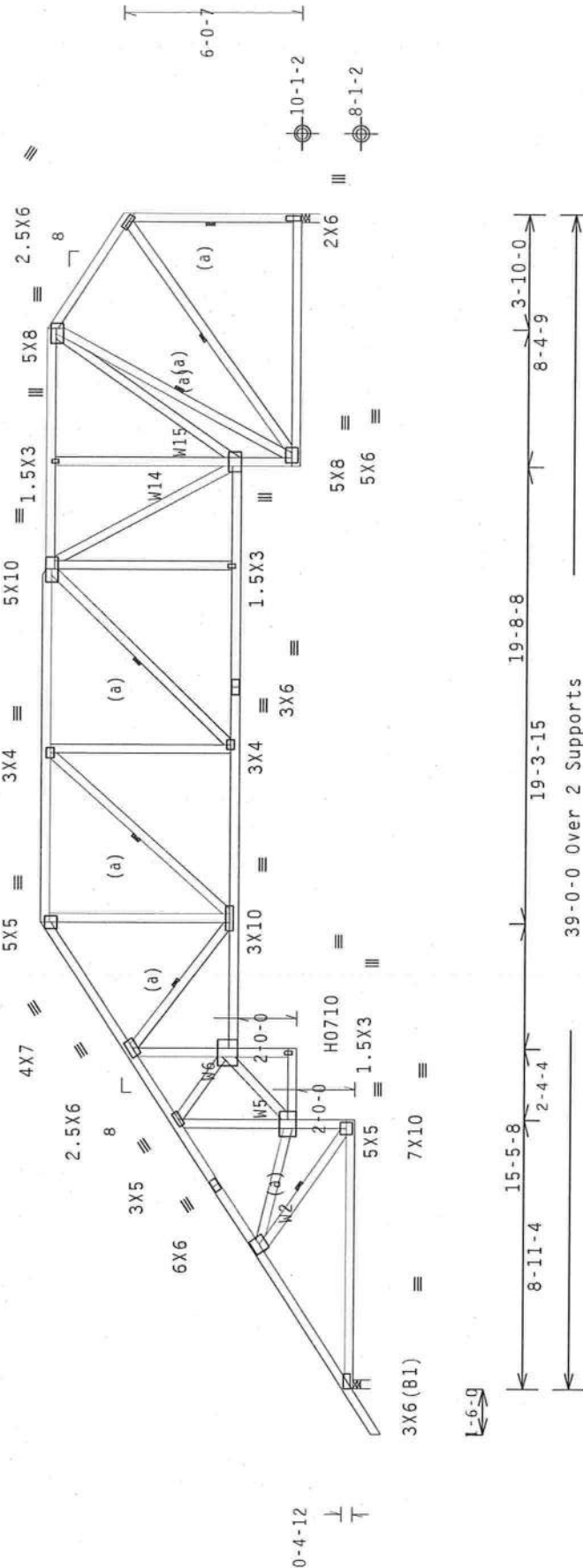
Wind loads and reactions based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

(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=1490 U=66 W=3.5"

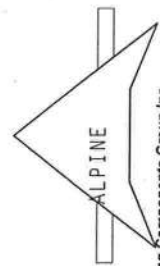


PLT TYP. 20 Gauge HS, Wave

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

Scale = .1875"/Ft.

PLT TYP. 20 Gauge HS, Wave	Design Crit: FBC2010Res/TPI-2007 (STD) FT/RT=10% (0%) / 0 (0)	Scale = .1875"/Ft.
REF R487-- 34793	FL / - / 4 / - / - / R / -	10/25/2012
DATE 10/25/12	TC LL 20.0 PSF	10/25/2012
DRW HCUSR487 12299091	TC DL 7.0 PSF	10/25/2012
HC-ENG WHK / WHK	BC DL 10.0 PSF	10/25/2012
SEQN- 27114	BC LL 0.0 PSF	10/25/2012
SPACING 24.0"	TOT.LD. 37.0 PSF	10/25/2012
JREF- 1UQM487_Z01	DUR.FAC. 1.25	10/25/2012
		10/25/2012



Haines City, FL 33844
FL COA #0 278

(12-309--Glenwood King Lacy Crews Residence -- Columbia County, FL - t9)
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

Top chord 2x6 SP_#1_Dense_12A
Bot chord 2x6 SP_#2_12A
Webs 2x4 SP_#3_12A :W2, W6 2x4 SP_#1_12A:

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

End verticals not exposed to wind pressure.

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

Truss must be installed as shown with top chord up.

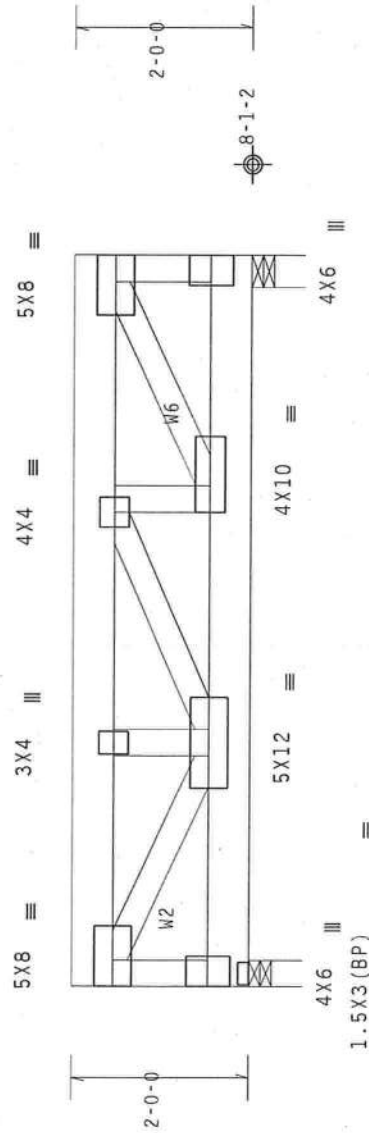
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpl(+/-)=0.18

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

Girder supports 44'-5-4 span to TC one face and 2'-0-0 span to TC/BC split opposite face.

Provide for complete drainage of roof.

The TC of this truss shall be braced with attached spans at 24" OC in lieu of structural sheathing.



8'-0"-8 Over 2 Supports

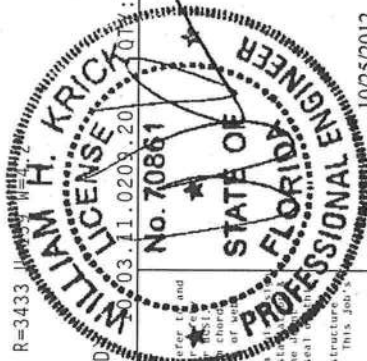
R=3433 U=159 W=3.5"

R=3433

PLT TYP. Wave

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

Scale = .5" / Ft.

	PLT TYP. Wave	REF R487--	34794
		DATE	10/25/12
		DRW	HCUSR487 12299092
		HC-ENG	WHK/WHK
		SEQN-	27163
JREF- 1UQM487_Z01		SPACING	24.0"
DUR.FAC.		1.25	
TOT.LD.		37.0 PSF	
BC LL		0.0 PSF	
BC DL		10.0 PSF	
TC DL		7.0 PSF	
TC LL		20.0 PSF	

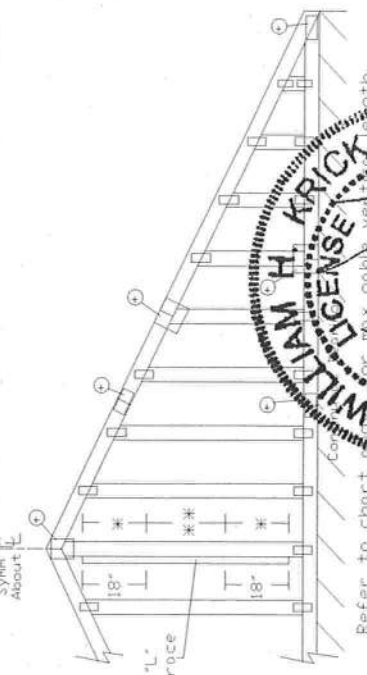
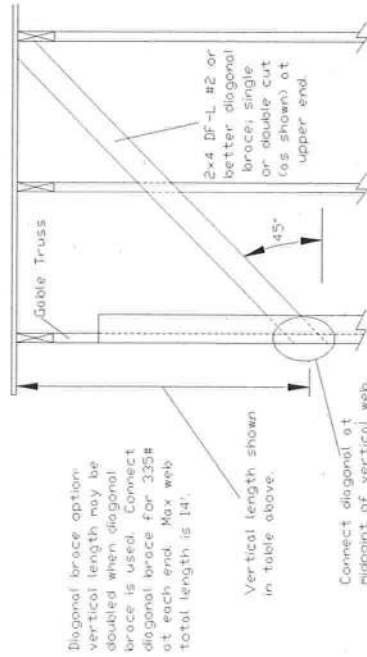
ASCE 7-10: 120 mph Wind Speed, 15' Mean Height, Enclosed, Exposure C, Kzt = 1.00

ASCE 7-10: 120 mph Wind Speed, 15' Mean Height, Enclosed, Exposure C, Kzt = 1.00
 Dri 100 mph Wind Speed, 15' Mean Height, Partially Enclosed, Exposure C, Kzt = 1.00
 Dri 100 mph Wind Speed, 15' Mean Height, Enclosed, Exposure D, Kzt = 1.00

2x4 Gable Stud Reinforcement Detail		(1) 1x4 "L" Brace		(2) 2x4 "L" Brace		(1) 2x6 "L" Brace		(2) 2x6 "L" Brace	
		Group A	Group B	Group A	Group B	Group A	Group B	Group A	Group B
Max Gable Vertical Length	SPF	4' 10"	8' 2"	9' 8"	10' 1"	11' 6"	12' 0"	14' 0"	14' 0"
		4' 7"	7' 9"	9' 7"	9' 11"	11' 5"	11' 10"	14' 0"	14' 0"
		4' 7"	8' 1"	9' 7"	9' 11"	11' 5"	11' 10"	14' 0"	14' 0"
		4' 7"	8' 1"	9' 7"	9' 11"	11' 5"	11' 10"	14' 0"	14' 0"
	HF	4' 11"	8' 3"	9' 9"	10' 1"	11' 7"	12' 1"	14' 0"	14' 0"
		4' 10"	8' 2"	9' 8"	10' 1"	11' 6"	12' 0"	14' 0"	14' 0"
		4' 7"	7' 4"	9' 3"	9' 10"	11' 5"	11' 10"	14' 0"	14' 0"
		4' 7"	6' 11"	9' 3"	9' 10"	11' 5"	11' 10"	14' 0"	14' 0"
	SP	4' 7"	6' 0"	8' 0"	8' 6"	10' 10"	11' 7"	14' 0"	14' 0"
		4' 7"	5' 6"	8' 0"	8' 6"	10' 10"	11' 7"	14' 0"	14' 0"
		4' 7"	5' 6"	8' 0"	8' 6"	10' 10"	11' 7"	14' 0"	14' 0"
		4' 7"	5' 6"	8' 0"	8' 6"	10' 10"	11' 7"	14' 0"	14' 0"
	DFL	5' 3"	9' 3"	10' 11"	11' 4"	13' 0"	13' 7"	14' 0"	14' 0"
		5' 3"	9' 3"	10' 11"	11' 4"	13' 0"	13' 7"	14' 0"	14' 0"
		5' 3"	9' 3"	10' 11"	11' 4"	13' 0"	13' 7"	14' 0"	14' 0"
		5' 3"	9' 3"	10' 11"	11' 4"	13' 0"	13' 7"	14' 0"	14' 0"

Bracing Group Species and Grades:	
Group A:	
Spruce-Pine-Fir	He-Fir
#1 / #2	#2
Standard	Stud
Standard	Standard
Group B:	
Douglas Fir-Larch	He-Fir
#3	#3
Standard	Stud
Standard	Standard
Group C:	
Douglas Fir-Larch	He-Fir
#1	#1
Standard	Stud
Standard	Standard

1x4 Braces shall be SPS (Stress-Rated Board).
 For 1x4 So. Pine use only Industrial 55 or Industrial 45 Stress-Rated Boards. Group B values may be used with these grades.
 Gable Truss Detail Notes:
 Wind Load deflection criterion is L/240.
 Provide uplift connections for 35 psf over continuous bearing (35 psf TC Dead Load).
 Gable end supports load from 4' 0" outlookers with 2' 0" overhang, or 12' plywood overhang.
 So. Pine lumber design values based on the ALSC January, 2012 rule.
 Attach "L" braces with 10d (128x30" min) nails.
 For (1) "L" brace: space nails at 2' o.c. in 18" end zones and 4' o.c. between zones.
 For (2) "L" brace: space nails at 3' o.c. in 18" end zones and 6' o.c. between zones.
 "L" bracing must be a minimum of 80% of web member length.



Diagonal brace option vertical length may be doubled when diagonal brace is used. Connect diagonal brace for 335# at each end. Max web total length is 14'.

Vertical length shown in table above.

Connect diagonal at midpoint of vertical web.

Refer to chart for max gable vertical length.

Refer to the Building Designer for conditions not addressed by this detail.

WARNING: READ AND FOLLOW ALL NOTES ON THIS DRAWING. FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.

Trusses require extreme care in fabricating, handling, shipping, installing and erecting. Refer to the following instructions for proper handling and erection. Trusses shall be installed in accordance with the manufacturer's instructions and the building code. Trusses shall be installed in accordance with the building code. Trusses shall be installed in accordance with the building code.

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 BCS sections B3, B7 or B10, as applicable. Apply plates at the ends of webs and at the position as shown above and on the joint details, unless noted otherwise. Refer to drawings 1004-1 for standard plate positions.

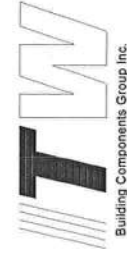
ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing. Failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & erection, shall be the responsibility of the installer. The manufacturer's instructions and the building code shall be followed. The manufacturer's instructions and the building code shall be followed. The manufacturer's instructions and the building code shall be followed.

For more information see this job's general notes page and these web sites:
 ITWBCG www.itwbcg.com, TPI www.tpiinc.org, WTCA www.wtca.org, ICC www.iccsafe.org

Professional Engineer
 STATE OF FLORIDA
 No. 70861
 JAMES H. KRICK
 LICENSED PROFESSIONAL ENGINEER
 10/25/2012

REF: ASCE7-10-CAB12015
 DATE: 2/14/12
 DRWG: A12015ENC100212

MAX. TOT. LD. 60 PSF
 MAX. SPACING 24.0"



Earth City, MO 63045

ASCE 7-10: 120 mph, 30' Mean Height, Closed, Exposure C Common Residential Gable End Wind Bracing Requirements - Stiffeners

120 mph, 30ft. Mean Hgt, ASCE 7-10, Enclosed, Exp C, or 100 mph, 30ft. Mean Hgt, ASCE 7-10, Enclosed, Exp D, or 100 mph, 30ft. Mean Hgt, ASCE 7-10, Part, Enclosed, Exp C, Kzt = 1.00, Wind TC DL=5.0 psf, Wind BC DL=5.0 psf.

Lateral chord bracing requirements
Top: Continuous roof sheathing
Bot: Continuous ceiling diaphragm

See Engineer's sealed design referencing this detail for lumber, plates, and other information not shown on this detail.

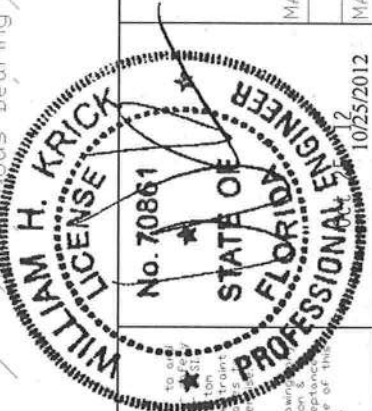
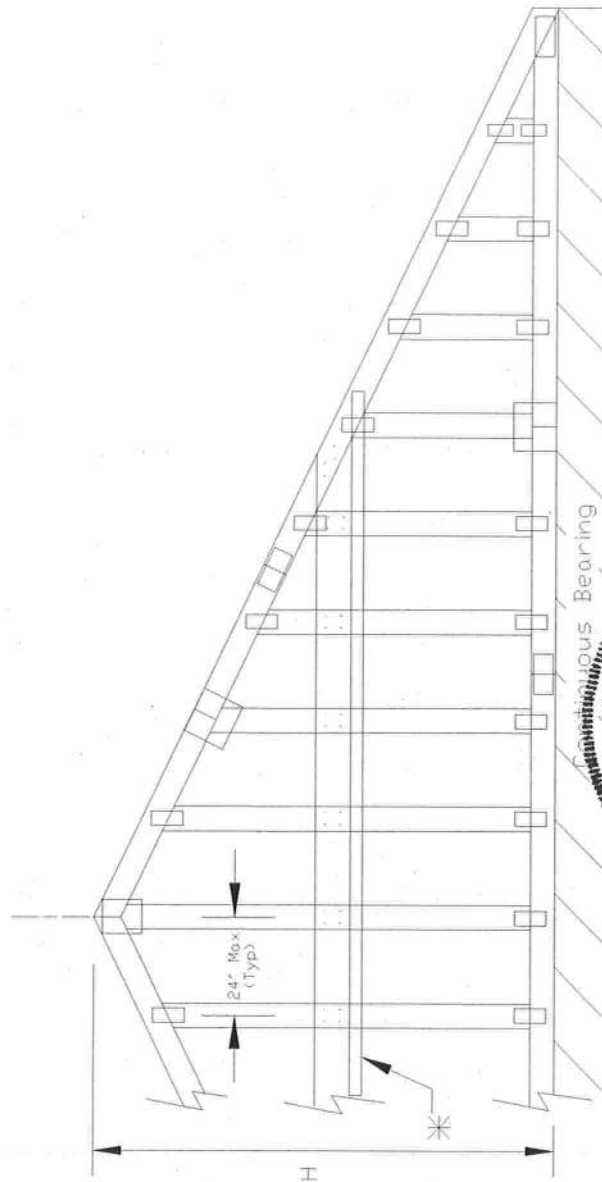
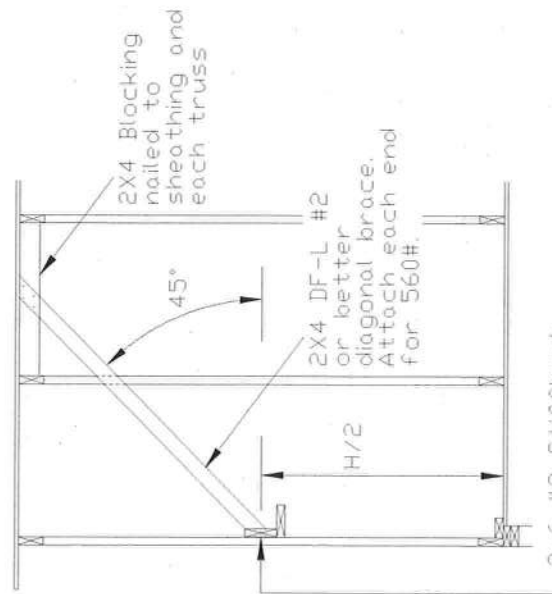
Nails: 10d box or gun (0.128"x3", min) nails.

H Less than 4'6" - no stud bracing required

H Greater than 4'6" to 7'6" in length provide a 2x6 stiffback at mid-height and brace to roof diaphragm every 6'0" (see detail below or refer to DRWG A12030ENC10).

H Greater than 7'6" to 12'0" max: provide a 2x6 stiffback at mid-height and brace to roof diaphragm every 4'0" (see detail below or refer to DRWG A12030ENC10).

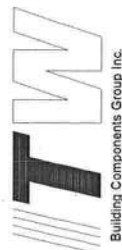
* Optional 2x L-reinforcement attached to stiffback with 10d box or gun (0.128" x 3", min.) nails @ 6" o.c.



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING
IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI Building Components Detailing for all details and 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 E3, E7 or E10, as applicable. Apply plate bracing to all webs and chord members shown above and on the joint details, unless noted otherwise. Refer to drawings 100a-2 for Standard Plate positions.

ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing. Failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & erection, or for any other reason, shall be the responsibility of the contractor. The use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see this job's general notes page and these web sites:
ITWBCG www.itwbcg.com, TPI www.tpiinst.org, MTCA www.mtcaindustry.org, ICC www.iccsafe.org



Earth City, MO 63045

REF	GE WHALER
DATE	2/14/12
DRWG	GABRST100212

MAX. TOT. LD.	60 PSF
MAX. SPACING	

10/25/2012

NAIL SPACING DETAIL

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

BLOCK LOCATION, SIZE, LENGTH, GRADE AND TOTAL NUMBER AND TYPE OF NAILS ARE TO BE SPECIFIED ON SEALED DESIGN REFERENCING THIS DETAIL.

LOAD PERPENDICULAR TO GRAIN

A - EDGE DISTANCE AND SPACING BETWEEN STAGGERED ROWS OF NAILS (6 NAIL DIAMETERS)

B - SPACING OF NAILS IN A ROW (12 NAIL DIAMETERS)

C - END DISTANCE (15 NAIL DIAMETERS)

LOAD PARALLEL TO GRAIN

A - EDGE DISTANCE (6 NAIL DIAMETERS)

C - SPACING OF NAILS IN A ROW AND END DISTANCE (15 NAIL DIAMETERS)

D - SPACING BETWEEN STAGGERED ROWS OF NAILS (7 1/2 NAIL DIAMETERS)

IF NAIL HOLES ARE PREBORED, SOME SPACING

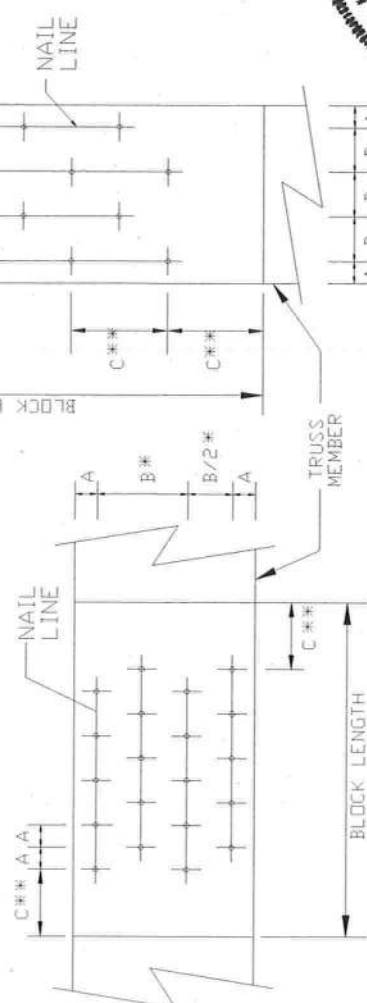
MAY BE REDUCED BY THE AMOUNTS GIVEN

BELOW:

* SPACING MAY BE REDUCED BY 50%

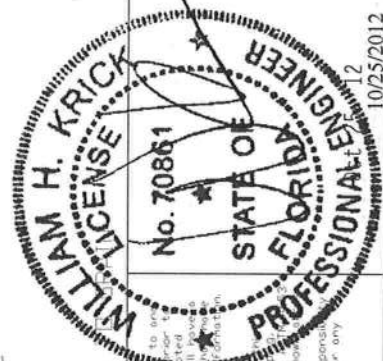
** SPACING MAY BE REDUCED BY 33%

DIRECTION
OF LOAD AND
NAIL ROWS



MINIMUM NAIL SPACING DISTANCES

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



WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET.
Trusses require extreme care in fabrication, handling, shipping, installing and bracing. Refer to the ITW Building Components Group Inc. (ITWBCG) for safety practices prior to installation. These practices are detailed in the ITWBCG Safety Manual. Failure to follow these practices may result in injury or death. ITWBCG is not responsible for the design, fabrication, handling, shipping, installation, bracing or use of the trusses. ITWBCG connector plates are made of 2018/1850A (VAM/SA) steel. Apply plates to each face of truss, positioned as shown. A seal on this design or cover page indicates acceptance and professional engineering responsibility for the truss component design shown. The suitability and use of this component for any building is the responsibility of the Building Designer per ANSI/TPI 1 Sec. 2.
ITW-BCG: www.itwbcg.com, TPI: www.tpinet.com, VITCA: www.vitcaindustry.com, ICC: www.iccsafe.org



CLB WEB BRACE SUBSTITUTION

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

NOTES:

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

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

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

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

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

T-BRACING

OR

L-BRACING:

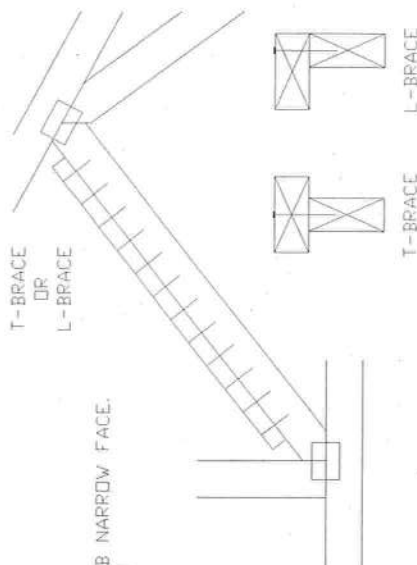
APPLY TO EITHER SIDE OF WEB NARROW FACE. ATTACH WITH 10d BOX OR GUN (0.128"x 3" MIN) NAILS.

AT 6" O.C.

BRACE IS A

MINIMUM 80% OF WEB

MEMBER LENGTH



SCAB BRACING:

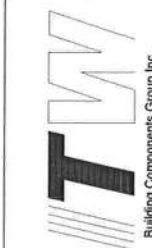
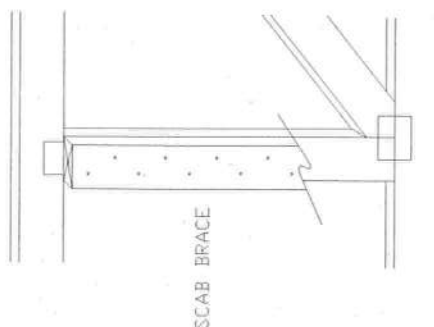
APPLY SCAB(S) TO WIDE FACE OF WEB. NO MORE THAN (1) SCAB PER FACE.

ATTACH WITH 10d BOX OR GUN (0.128"x 3" MIN) NAILS.

AT 6" O.C.

BRACE IS A MINIMUM

80% OF WEB MEMBER LENGTH



Building Components Group Inc.

Earth City, MO 63045

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET! Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow BCSI Building Component Safety Information, by TPI and VITCA for safety practices prior to fabricating, handling, shipping, installing and bracing. Trusses must be properly braced prior to erection. Otherwise, top chord shall have properly attached and sealed end plates. Locations shown for permanent lateral restraint of solid web bracing installed per BCSI sections B3 & B7. See this job's general notes page for more information.

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITW Building Components Group Inc. (ITWBCG) is the design engineer for this truss. The design engineer is responsible for the design, engineering, and bracing of trusses. ITWBCG connector plates are made of 2018/16GA (W4/E/R) steel, grade 37/40/60 (K7/M/H/S) galv. steel. Apply plates to each face of truss, positioned as shown and on joint details.

ITWBCG is not responsible for the design, engineering, and bracing of trusses. The design engineer is the responsible party for the truss component design and bracing. The design engineer is responsible for the building is the responsibility of the Building Designer per ANSI/TPI 1 Sec. 2.

ITW-BCG www.itwbcg.com, TPI www.tpi.net, VITCA www.vitcaindustry.com, ICC www.iccsafe.org



TC LL	PSF	REF	CLB SUBST.
TC DL	PSF	DATE	1/1/09
BC DL	PSF	DRWG	BRCLBSUB0109
BC LL	PSF		
TOT. LD.	PSF		
DUR. FAC.			
SPACING			