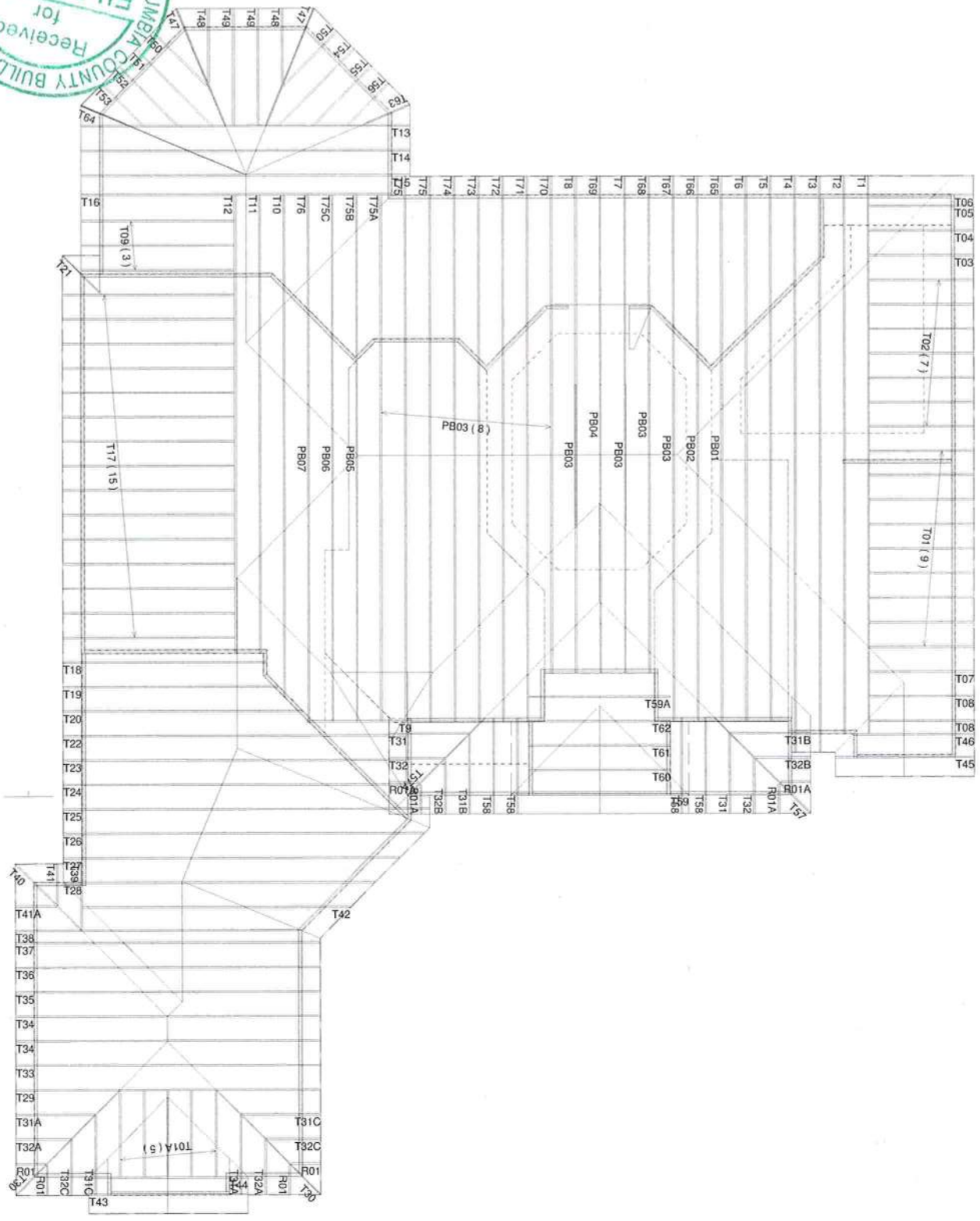
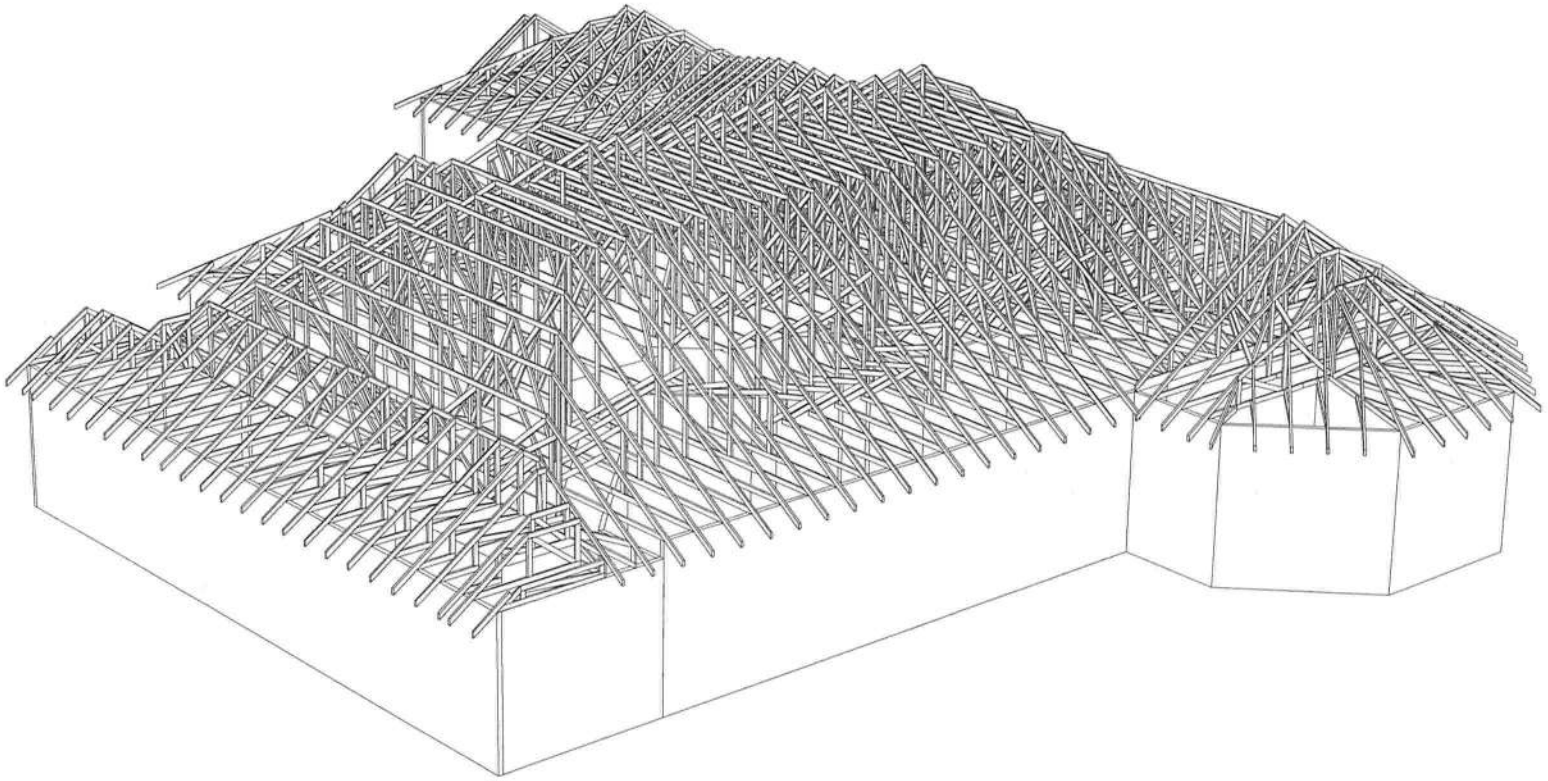
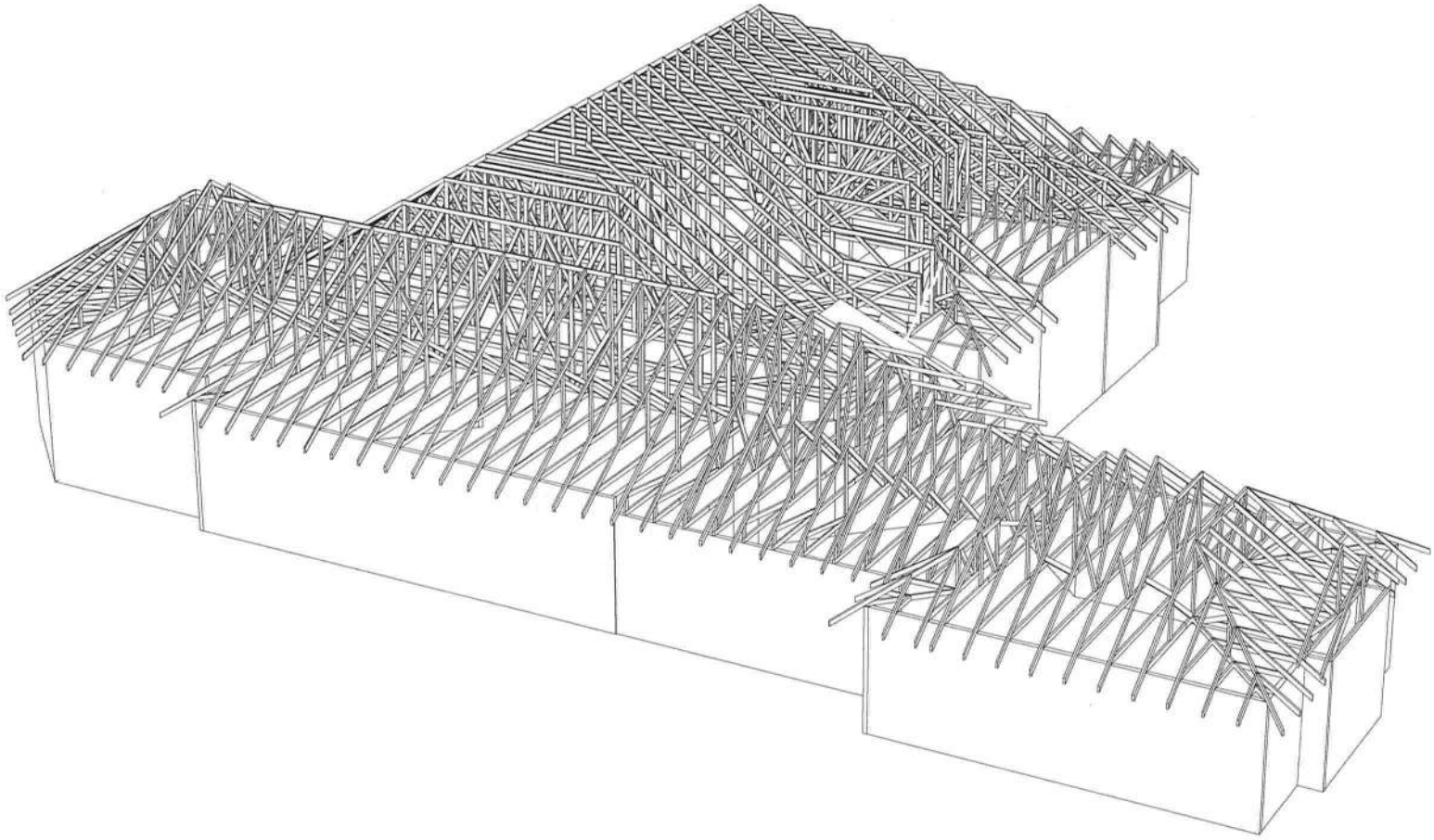


ATCREWS.EFM 10/23/2012 11:13



ATCREWS.EFM 10/23/2012 11:15



ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 0 278
Florida Certificate of Product Approval # FL1999
 Document ID:1UQM487-Z0125172901

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

Truss Fabricator:	Anderson Truss Company
Job Identification:	12-309--Glenwood King Lacy Crews Residence -- Columbia County, FL
Truss Count:	92
Model Code:	Florida Building Code 2010
Truss Criteria:	FBC2010Res/TPI-2007(STD)
Engineering Software:	Alpine Software,Version 10.03.
Structural Engineer of Record:	The identity of the structural EOR did not exist as of
Address:	the seal date per section 61G15-31.003(5a) of the FAC
Minimum Design Loads:	Roof - 37.0 PSF @ 1.25 Duration
	Floor - N/A
	Wind - 120 MPH ASCE 7-10 -Closed

Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR487

William H. Krick
-Truss Design Engineer-

1950 Marley Drive
Haines City, FL 33844

Details: 12015EC1-GBLLETIN-GABRST10-CNNAILSP-BRCLBSUB-

#	Ref Description	Drawing#	Date
1	34703--cj08	12299001	10/25/12
2	34704--cj1	12299002	10/25/12
3	34705--cj2	12299003	10/25/12
4	34706--cj3	12299004	10/25/12
5	34707--cj5	12299005	10/25/12
6	34708--ej6	12299006	10/25/12
7	34709--ej7	12299007	10/25/12
8	34710--ej7a	12299008	10/25/12
9	34711--ej7b	12299009	10/25/12
10	34712--ej7c	12299010	10/25/12
11	34713--ej7d	12299011	10/25/12
12	34714--ej7e	12299012	10/25/12
13	34715--ej7et	12299013	10/25/12
14	34716--ej7f	12299014	10/25/12
15	34717--ej7g	12299015	10/25/12
16	34718--hj3	12299016	10/25/12
17	34719--hj5	12299017	10/25/12
18	34720--hj9	12299018	10/25/12
19	34721--pb01	12299019	10/25/12
20	34722--pb02	12299020	10/25/12
21	34723--pb03	12299021	10/25/12
22	34724--pb04	12299022	10/25/12
23	34725--pb05	12299023	10/25/12
24	34726--pb06	12299024	10/25/12
25	34727--pb07	12299025	10/25/12
26	34728--t09	12299026	10/25/12
27	34729--t1	12299027	10/25/12
28	34730--t10	12299028	10/25/12
29	34731--t11	12299029	10/25/12
30	34732--t12	12299030	10/25/12
31	34733--t13	12299031	10/25/12
32	34734--t14	12299032	10/25/12
33	34735--t15	12299033	10/25/12
34	34736--t16	12299034	10/25/12
35	34737--t17	12299035	10/25/12
36	34738--t18	12299036	10/25/12
37	34739--t19	12299037	10/25/12
38	34740--t2	12299038	10/25/12
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40	34742--t22	12299040	10/25/12
41	34743--t23	12299041	10/25/12
42	34744--t24	12299042	10/25/12
43	34745--t25	12299043	10/25/12
44	34746--t26	12299044	10/25/12
45	34747--t27	12299045	10/25/12
46	34748--t28	12299046	10/25/12
47	34749--t29	12299047	10/25/12
48	34750--t3	12299048	10/25/12
49	34751--t33	12299049	10/25/12
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56	34758--t4	12299056	10/25/12
57	34759--t42	12299057	10/25/12
58	34760--t43	12299058	10/25/12
59	34761--t44	12299059	10/25/12
60	34762--t45	12299060	10/25/12
61	34763--t46	12299061	10/25/12
62	34764--t47	12299062	10/25/12
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66	34768--t50	12299066	10/25/12
67	34769--t51	12299067	10/25/12
68	34770--t52	12299068	10/25/12
69	34771--t53	12299069	10/25/12
70	34772--t54	12299070	10/25/12
71	34773--t59	12299071	10/25/12
72	34774--t6	12299072	10/25/12
73	34775--t60	12299073	10/25/12
74	34776--t61	12299074	10/25/12
75	34777--t65	12299075	10/25/12
76	34778--t66	12299076	10/25/12
77	34779--t67	12299077	10/25/12
78	34780--t68	12299078	10/25/12
79	34781--t69	12299079	10/25/12
80	34782--t7	12299080	10/25/12
81	34783--t70	12299081	10/25/12
82	34784--t71	12299082	10/25/12
83	34785--t72	12299083	10/25/12
84	34786--t73	12299084	10/25/12
85	34787--t74	12299085	10/25/12
86	34788--t75	12299086	10/25/12
87	34789--t75a	12299087	10/25/12
88	34790--t75b	12299088	10/25/12
89	34791--t75c	12299089	10/25/12
90	34792--t76	12299090	10/25/12
91	34793--t8	12299091	10/25/12
92	34794--t9	12299092	10/25/12

COLUMBIA COUNTY BUILDING DEPARTMENT Received for FILE COPY Code Compliance PLANS EXAMINER

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

(12-309--Glenwood King Lacy Crews Residence -- Columbia County, FL - cj08)

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.

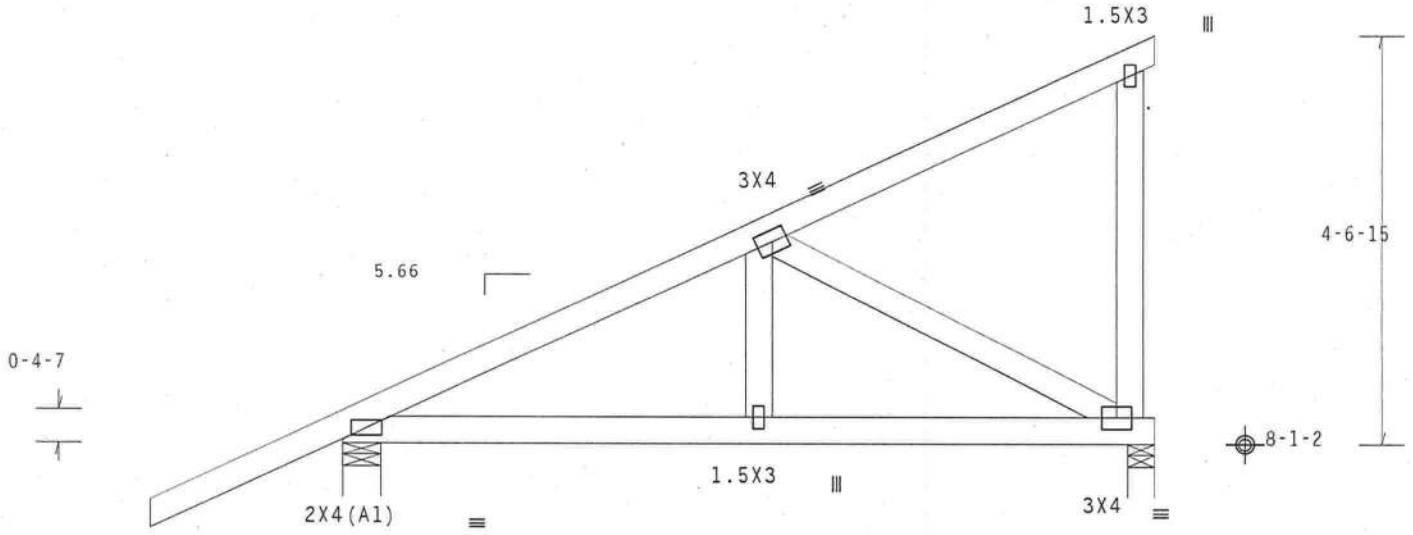
Hipjack supports 6-3-12 setback jacks with no webs.

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

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

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

Right end vertical not exposed to wind pressure.



Design Crit: FBC2010Res/TPI-2007(STD) 10.03.11.0209 20 QTY: 2 FL/-/4/-/-/R/-

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

PLT TYP. Wave

Scale =.5"/Ft.

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

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 and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design in any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. A seal on this 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; ITW-BCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

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

10/25/2012

TC LL	20.0 PSF	REF R487-- 34703
TC DL	7.0 PSF	DATE 10/25/12
BC DL	10.0 PSF	DRW HCUSR487 12299001
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	37.0 PSF	SEQN- 27186
DUR.FAC.	1.25	
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 - cj1)

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

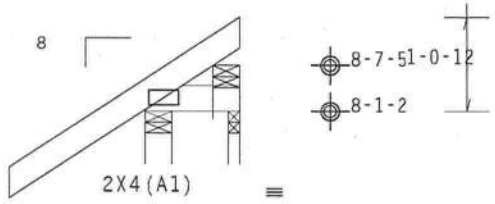
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

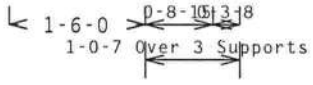
Bottom chord checked for 10.00 psf non-concurrent live load.

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.





R=-49 Rw=19 U=39 W=3.5"
RL=27/-23

Design Crit: FBC2010Res/TPI-2007(STD) 10.03.11.0209.20 OSY:8 FL/-/4/-/-/R/-

PLT TYP. Wave FT/RT=10%(0%)/0(0) Scale =.5"/Ft.

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

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 and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

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

TC LL	20.0 PSF	REF R487-- 34704
TC DL	7.0 PSF	DATE 10/25/12
BC DL	10.0 PSF	DRW HCUSR487 12299002
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	37.0 PSF	SEQN- 26820
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1UOM487_Z01

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

(12-309--Glenwood King Lacy Crews Residence -- Columbia County, FL - cj2)

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

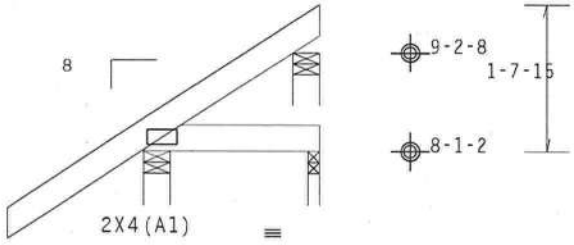
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

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.



1-6-0 1-7-11 0-3-8
1-11-3 Over 3 Supports

R=219 U=24 W=3.5" R=15 U=6 W=3.5"
RL=37/-26

Design Crit: FBC2010Res/TPI-2007(STD) 10.03.11.0209.20 QM:2 FL/-/4/-/-/R/-

PLT TYP. Wave FT/RT=10%(0%)/0(0) Scale =.5"/Ft.

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

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 and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design, 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 individual Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. A seal on this 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; ITW-BCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

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

TC LL	20.0 PSF	REF	R487-- 34705
TC DL	7.0 PSF	DATE	10/25/12
BC DL	10.0 PSF	DRW	HCUSR487 12299003
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	26828
DUR.FAC.	1.25		
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 - cj3)

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

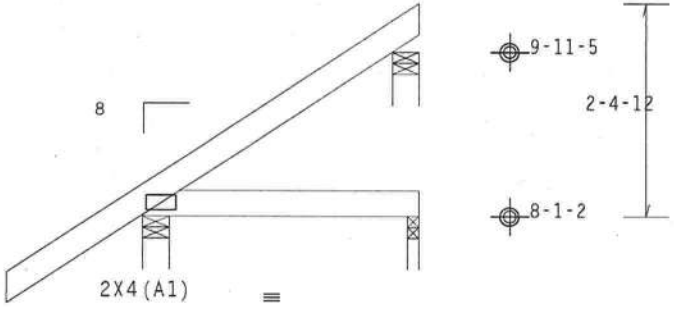
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

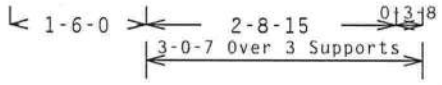
Bottom chord checked for 10.00 psf non-concurrent live load.

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.





R=244 U=8 W=3.5R=51 U=0 W=1.5"
R=58 U=16 W=3.5"
RL=49/-30

Design Crit: FBC2010Res/TPI-2007(STD) 0.03.11.0209.20 0:Y:8 FL/-/4/-/-/R/-

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

PLT TYP. Wave

Scale =.5"/Ft.

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

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET!
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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 WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

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

TC LL	20.0 PSF	REF R487-- 34706
TC DL	7.0 PSF	DATE 10/25/12
BC DL	10.0 PSF	DRW HCUSR487 12299004
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	37.0 PSF	SEQN- 26839
DUR.FAC.	1.25	
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 - cj5)

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.

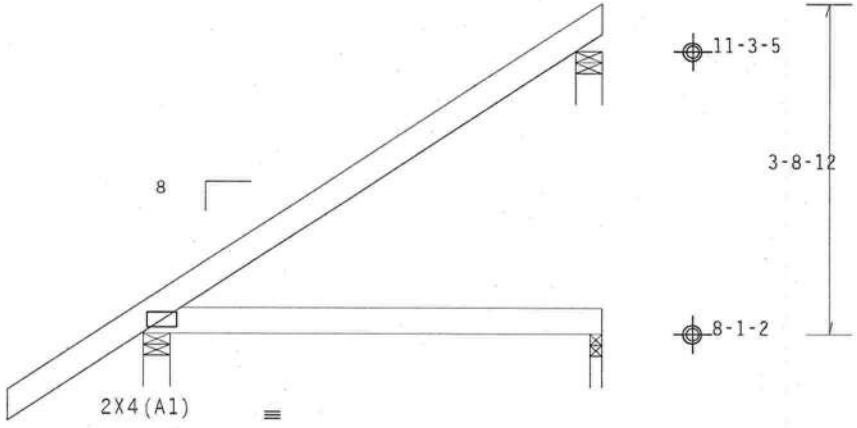
Bottom chord checked for 10.00 psf non-concurrent live load.

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

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.



1-6-0 4-8-15 0-3-8

5-0-7 Over 3 Supports

R=309 U=0 W=3.5"

RL=71/-37

R=118 U=31 W=3.5"

R=91 U=0 W=1.5"

Design Crit: FBC2010Res/TPI-2007(STD) FT/RT=10%(0%)/0(0) 10.03.11.0209.20 QTY:8 FL/-/4/-/-/R/- Scale =.5"/Ft.

PLT TYP. Wave

ALPINE

Building Components Group Inc.

Haines City, FL 33844
FL COA #0 278

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET!
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ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. A seal on this 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; ITW-BCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

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

10/25/2012

TC LL	20.0 PSF	REF R487-- 34707
TC DL	7.0 PSF	DATE 10/25/12
BC DL	10.0 PSF	DRW HCUSR487 12299005
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	37.0 PSF	SEQN- 26907
DUR.FAC.	1.25	
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 - ej6)

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.

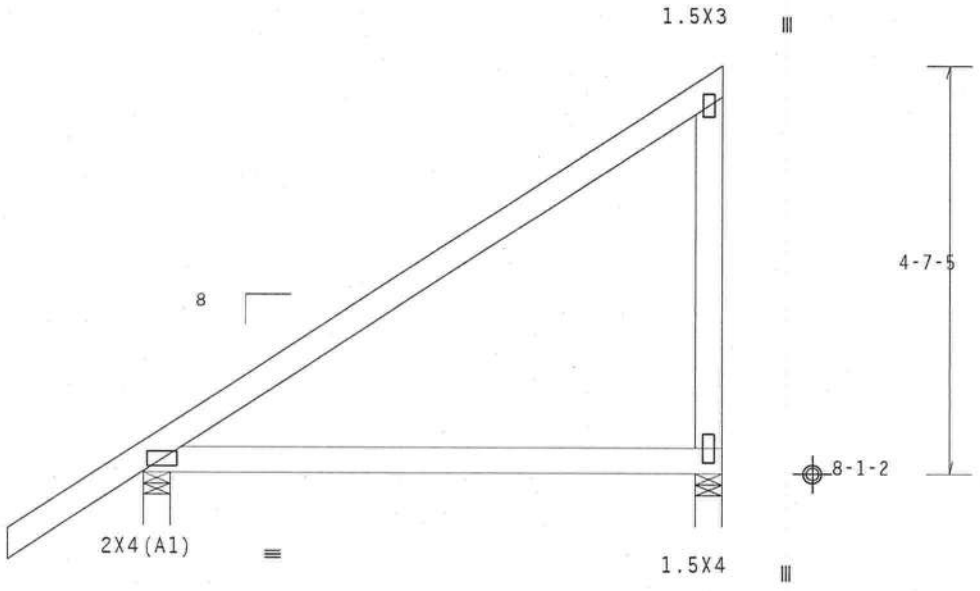
Bottom chord checked for 10.00 psf non-concurrent live load.

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

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

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

Right end vertical not exposed to wind pressure.



1-6-0

6-4-4 Over 2 Supports

R=356 U=0 W=3.5"

RL=86/-41

R=225 U=2[illegible] W=3.5"

Design Crit: FBC2010Res/TPI-2007(STD) [illegible] 10.03.11.0209.20 [illegible]QT:4 FL/-/4/-/-/R/-

PLT TYP. Wave

Scale =.5"/Ft.

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

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IMPORTANT FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

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

IC LL	20.0 PSF	REF R487-- 34708
TC DL	7.0 PSF	DATE 10/25/12
BC DL	10.0 PSF	DRW HCUSR487 12299006
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	37.0 PSF	SEQN- 26918
DUR.FAC.	1.25	
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 - ej7)

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

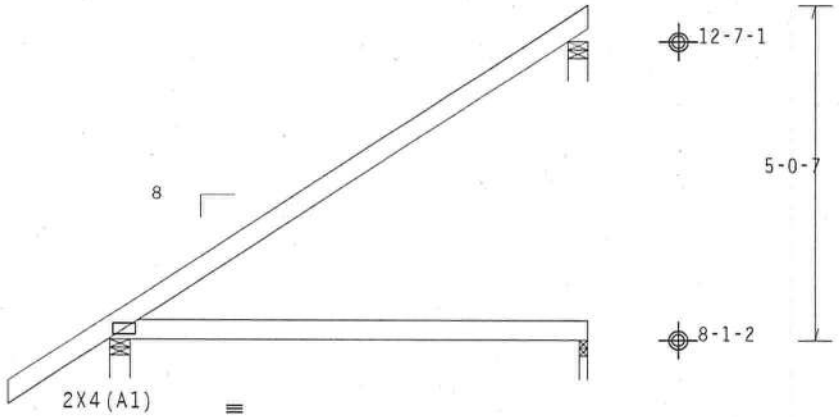
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

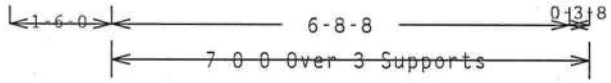
Bottom chord checked for 10.00 psf non-concurrent live load.

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.





R=379 U=0 W=3.5"
RL=93/-43

R=172 U=44 W=3.5"
R=128 U=0 W=1.5"

Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave

FT/RT=10%(0%)/0(0) 10.03.11.0209.20 QTY:9 FL/-/4/-/-/R/- Scale =.375"/Ft.

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

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

10/25/2012

TC LL	20.0 PSF	REF R487-- 34709
TC DL	7.0 PSF	DATE 10/25/12
BC DL	10.0 PSF	DRW HCUSR487 12299007
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	37.0 PSF	SEQN- 26926
DUR.FAC.	1.25	
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 - ej7a)

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

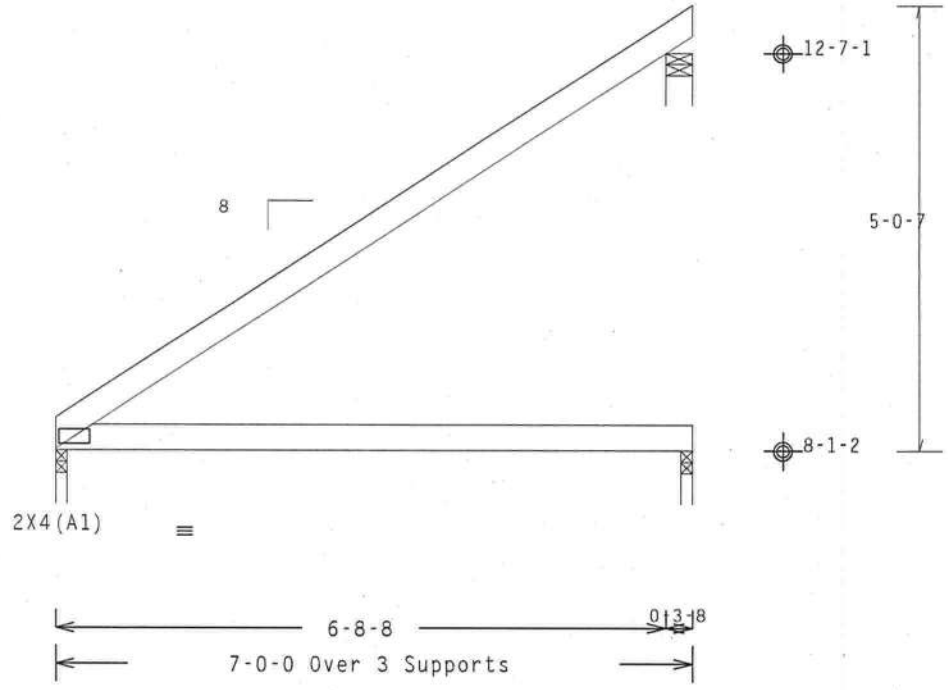
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

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.



Design Crit: FBC2010Res/TPI-2007(STD) ... 0.03.11.0209.20 ... DOY:5 FL/-/4/-/-/R/-

PLT TYP. Wave

Scale =.5"/Ft.

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

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

TC LL	20.0 PSF	REF R487-- 34710
TC DL	7.0 PSF	DATE 10/25/12
BC DL	10.0 PSF	DRW HCUSR487 12299008
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	37.0 PSF	SEQN- 26935
DUR.FAC.	1.25	
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 - ej7b)

Top chord 2x4 SP_#1_12A
Bot chord 2x4 SP_#1_12A
Webs 2x4 SP_#3__12A :W1 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.

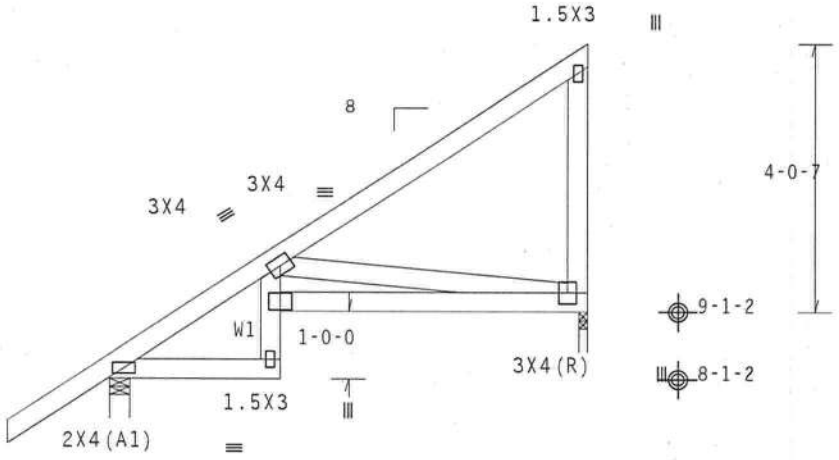
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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

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

Right end vertical not exposed to wind pressure.

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



R=379 U=0 W=3.5" R=251 U=31 W=1.5"(

RL=93/-43

Design Crit: FBC2010Res/TPI-2007(STD) 10.03.11.0209.20 OT:7 FL/-/4/-/-/R/-

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

PLT TYP. Wave Scale =.375"/Ft.

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

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 and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design in any failure to build the trusses in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. A seal on this 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; ITW-BCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

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

TC LL	20.0 PSF	REF	R487-- 34711
TC DL	7.0 PSF	DATE	10/25/12
BC DL	10.0 PSF	DRW	HCUSR487 12299009
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	26944
DUR.FAC.	1.25		
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 - ej7c)

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.

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

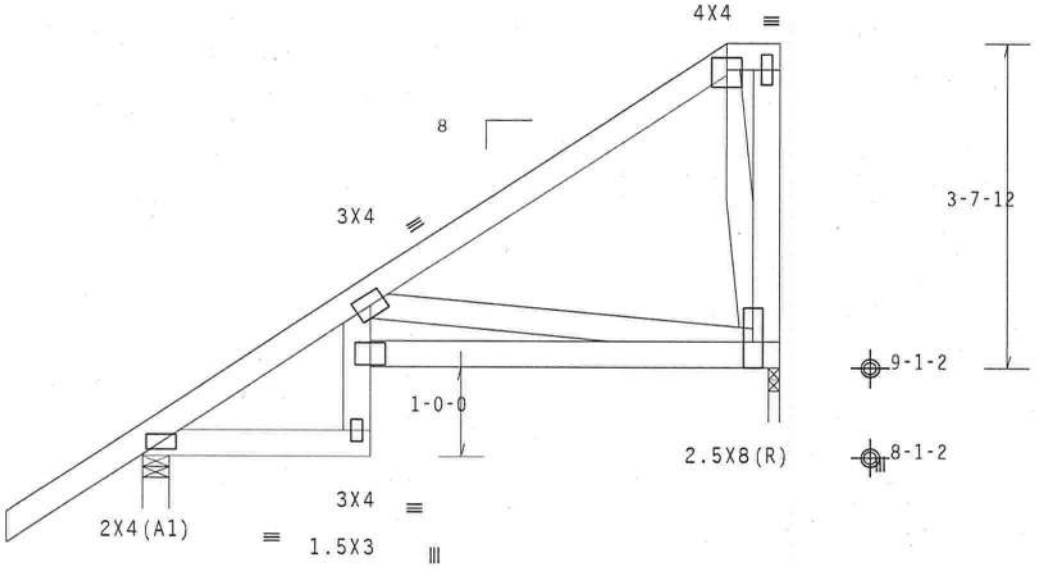
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

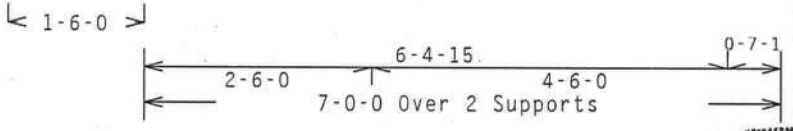
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

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.





R=379 U=0 W=3.5"

RL=87/-41

R=379 U=27 W=1.5"

Design Crit: FBC2010Res/TPI-2007(STD) 10.03.11.0209.20 QTY:1 FL/-/4/-/-/R/-

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

PLT TYP. Wave

Scale =.5"/Ft.

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

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

10/25/2012

TC LL	20.0 PSF	REF	R487-- 34712
TC DL	7.0 PSF	DATE	10/25/12
BC DL	10.0 PSF	DRW	HCUSR487 12299010
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	26810
DUR.FAC.	1.25		
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 - ej7d)

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.

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

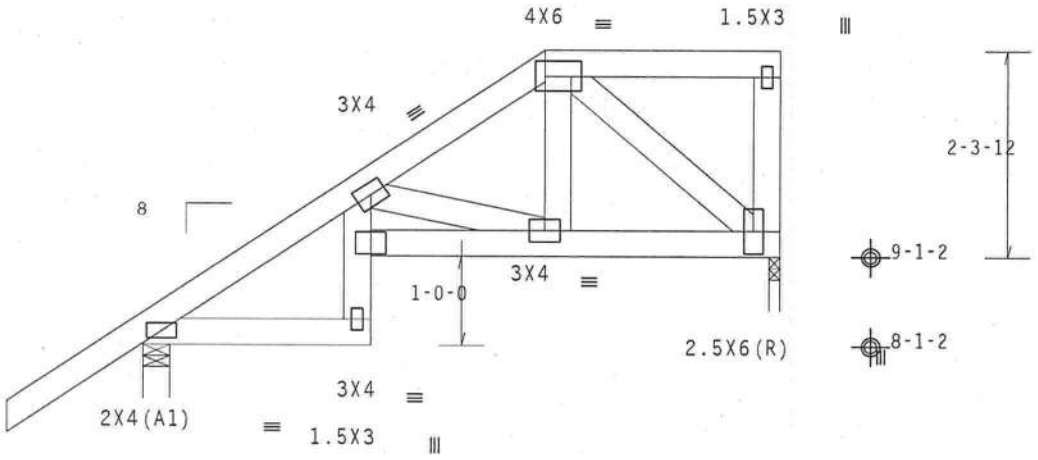
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

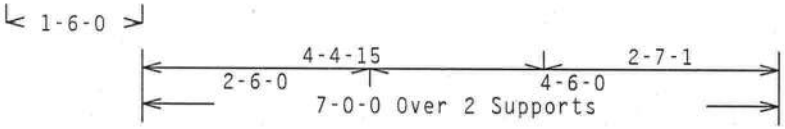
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

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.





R=379 U=10 W=3.5"

R=25[illegible] W=1.5"

RL=65/-35

Design Crit: FBC2010Res/TPI-2007(STD) [illegible] 0.03.11.0209.20 [illegible] QTY:1 FL/-/4/-/-/R/-

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

PLT TYP. Wave

Scale =.5"/Ft.

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

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

TC LL	20.0 PSF	REF R487-- 34713
TC DL	7.0 PSF	DATE 10/25/12
BC DL	10.0 PSF	DRW HCUSR487 12299011
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	37.0 PSF	SEQN- 26811
DUR.FAC.	1.25	
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 - ej7e)

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.

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

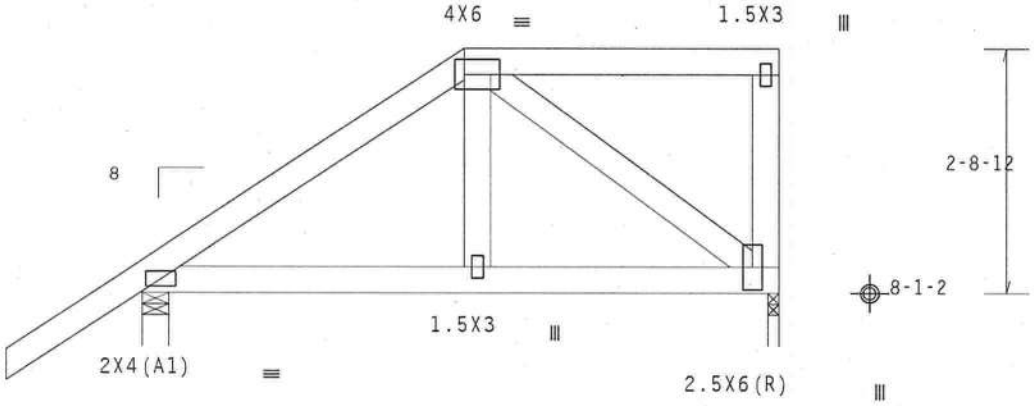
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

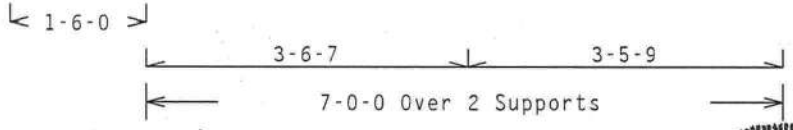
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

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.





R=379 U=15 W=3.5"

RL=55/-32

Design Crit: FBC2010Res/TPI-2007(STD) 10.03.11.0209 20 TOT: 1 FL/-/4/-/-/R/-

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

PLT TYP. Wave

Scale =.5"/Ft.

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

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

10/25/2012

TC LL	20.0 PSF	REF R487-- 34714
TC DL	7.0 PSF	DATE 10/25/12
BC DL	10.0 PSF	DRW HCUSR487 12299012
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	37.0 PSF	SEQN- 26812
DUR.FAC.	1.25	
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 - ej7et)

Top chord 2x4 SP_#1_12A
Bot chord 2x4 SP_#1_12A
Webs 2x4 SP_#3__12A
:Stack Chord SC1 2x4 SP_#1_12A:

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

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

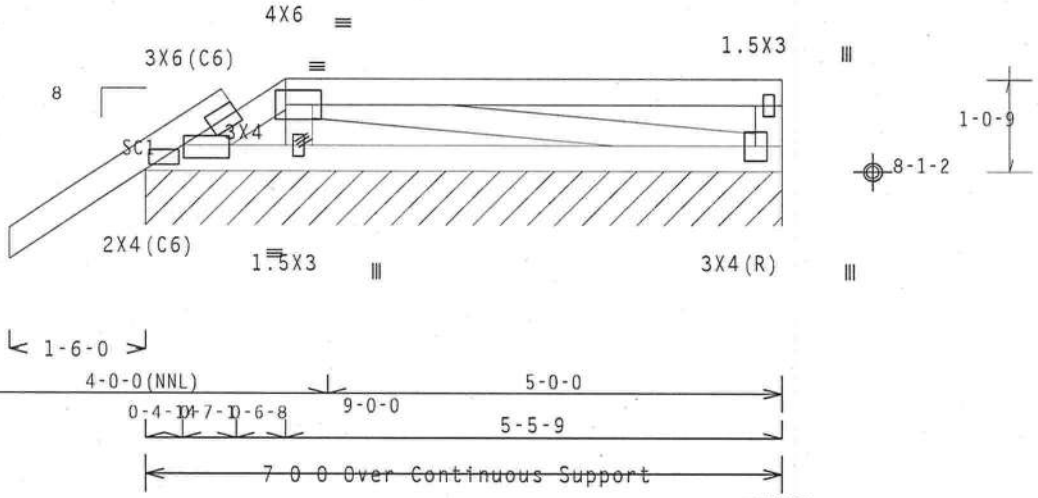
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

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

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=90 PLT U=5 PLT W=7-0-0

RL=5/-4 PLT

Design Crit: FBC2010Res/TPI-2007(STD) 10.03.11.0209.20 TOT:1 FL/-/4/-/-/R/-

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

PLT TYP. Wave

Scale =.5"/Ft.

ALPINE

Building Components Group Inc.

Haines City, FL 33844

FL COA #0 278

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET!
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WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER

10/25/2012

TC LL	20.0 PSF	REF R487-- 34715
TC DL	7.0 PSF	DATE 10/25/12
BC DL	10.0 PSF	DRW HCUSR487 12299013
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	37.0 PSF	SEQN- 26813
DUR.FAC.	1.25	
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 - ej7f)

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.

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

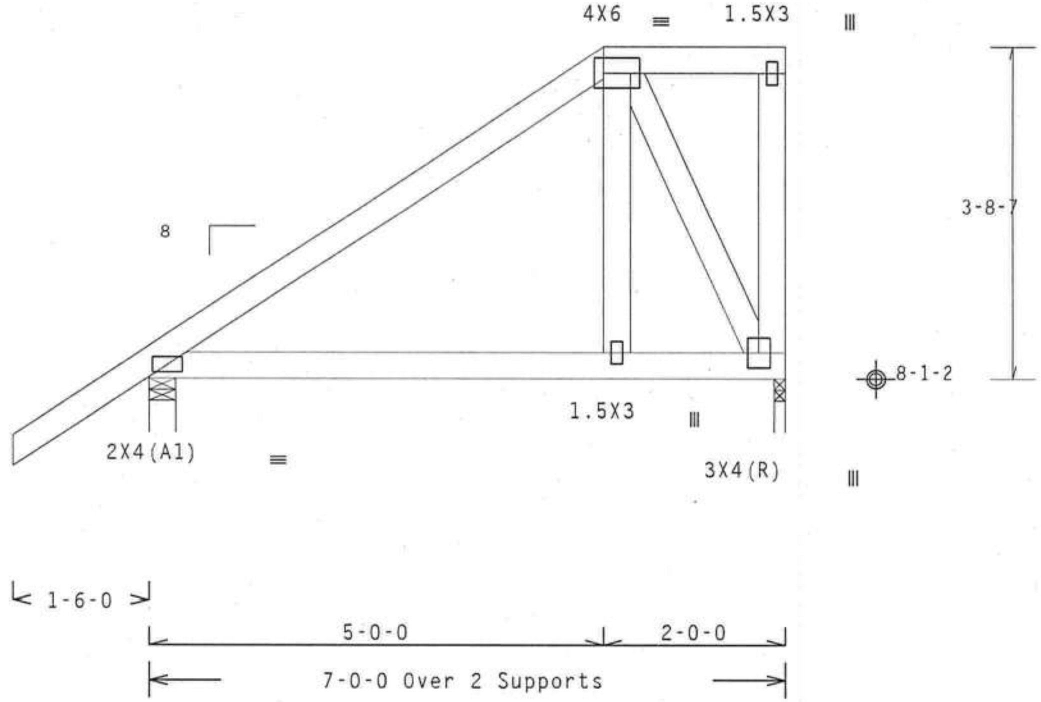
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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.



R=379 U=7 W=3.5"

RL=71/-37

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

PLT TYP. Wave

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

Scale =.5"/Ft.

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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

TC LL	20.0 PSF	REF	R487-- 34716
TC DL	7.0 PSF	DATE	10/25/12
BC DL	10.0 PSF	DRW	HCUSR487 12299014
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	26814
DUR.FAC.	1.25		
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 - ej7g)

Top chord 2x4 SP_#1_12A
Bot chord 2x4 SP_#1_12A
Webs 2x4 SP_#3__12A

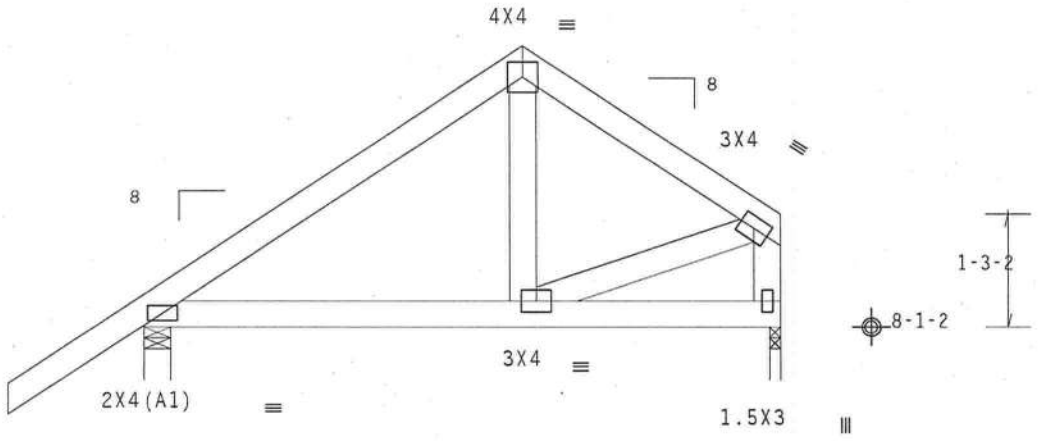
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

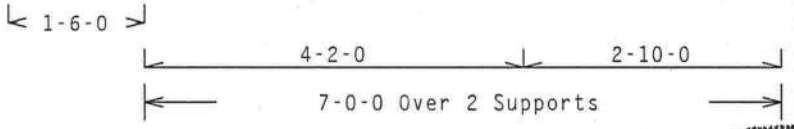
Bottom chord checked for 10.00 psf non-concurrent live load.

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=379 U=19 W=3.5"

RL=50/-54

R=[illegible] U=4 W=1.5"

Design Crit: FBC2010Res/TPI-2007(STD) 10.03.11.0209.20 QTY:2 FL/-/4/-/-/R/-

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

PLT TYP. Wave

Scale =.5"/Ft.

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

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

10/25/2012

TC LL	20.0 PSF	REF R487-- 34717
TC DL	7.0 PSF	DATE 10/25/12
BC DL	10.0 PSF	DRW HCUSR487 12299015
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	37.0 PSF	SEQN- 26815
DUR.FAC.	1.25	
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 - hj3)

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

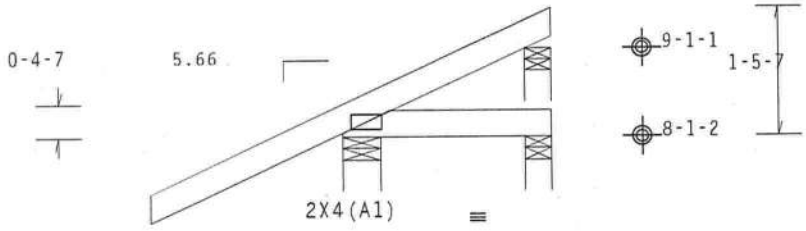
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

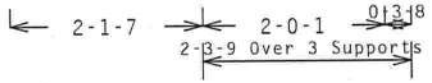
Hipjack supports 1-7-8 setback jacks with no webs.

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=137 U=~~R5-10~~4U~~96~~ W=3.5"
R=-9 Rw=5 U=0 W=3.5"

Design Crit: FBC2010Res/TPI-2007(STD) 10.03.11.0209.20 JOT-1 FL/-/4/-/-/R/- Scale =.5"/Ft.
FT/RT=10%(0%)/0(0)

PLT TYP. Wave

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

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

TC LL	20.0 PSF	REF R487-- 34718
TC DL	7.0 PSF	DATE 10/25/12
BC DL	10.0 PSF	DRW HCUSR487 12299016
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	37.0 PSF	SEQN- 27189
DUR.FAC.	1.25	
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 - hj5)

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.

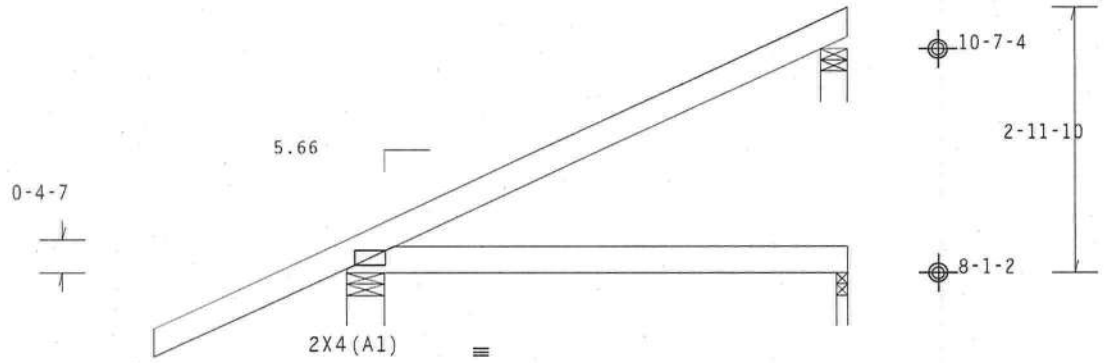
Hipjack supports 3-10-12 setback jacks with no webs.

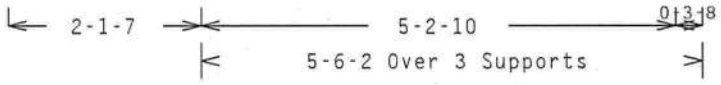
++ Anchorage req'd to prevent truss from slipping off bearing.

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=198 U=15 W=4.95"

R=44 U=[illegible] W=[illegible]"

Design Crit: FBC2010Res/TPI-2007(STD) [illegible]0.03.11.0209.20 QTY:1 FL/-/4/-/-/R/-

PLT TYP. Wave FT/RT=10%(0%)/0(0) Scale =.5"/Ft.

ALPINE

Building Components Group Inc.

Haines City, FL 33844
FL COA #0 278

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

10/25/2012

TC LL	20.0 PSF	REF R487-- 34719
TC DL	7.0 PSF	DATE 10/25/12
BC DL	10.0 PSF	DRW HCUSR487 12299017
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	37.0 PSF	SEQN- 27192
DUR.FAC.	1.25	
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 - hj9)

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.

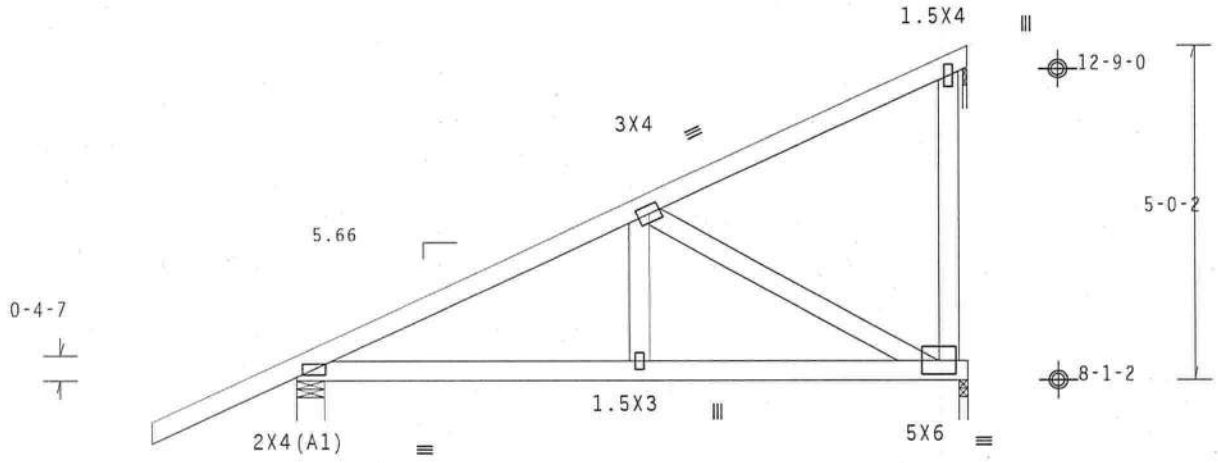
Hipjack supports 6-11-8 setback jacks with no webs.

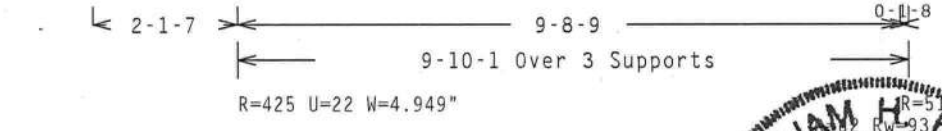
++ Anchorage req'd to prevent truss from slipping off bearing.

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.





Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave

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

10.03.11.0209.20

QTY 2

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

Scale =.375"/Ft.

ALPINE

Building Components Group Inc.

Haines City, FL 33844

FL COA #0 278

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

10/25/2012

TC LL	20.0 PSF	REF R487-- 34720
TC DL	7.0 PSF	DATE 10/25/12
BC DL	10.0 PSF	DRW HCUSR487 12299018
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	37.0 PSF	SEQN- 27195
DUR.FAC.	1.25	
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 - pb01)

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.

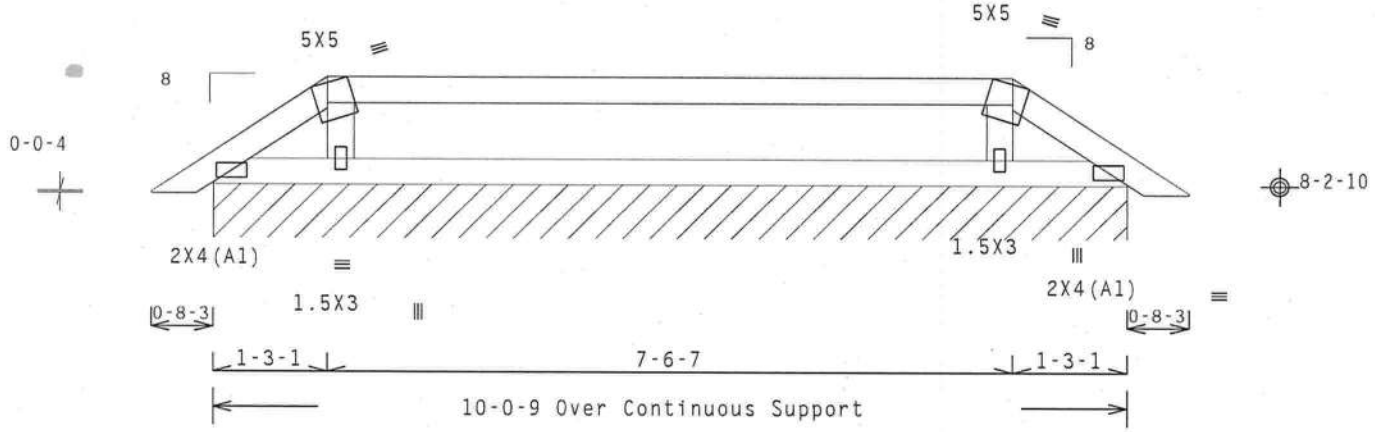
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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.

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=82 PLT U=4 PLT W=10-0-9

RL=2/-2 PLF

Design Crit: FBC2010Res/TPI-2007(STD) 0.03.11.0209.20 0:Y:1 FL/-/4/-/-/R/-

PLT TYP. Wave FT/RT=10%(0%)/0(0)

Scale =.5"/Ft.

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

10/25/2012

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

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TC LL	20.0 PSF	REF	R487-- 34721
TC DL	7.0 PSF	DATE	10/25/12
BC DL	10.0 PSF	DRW	HCUSR487 12299019
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	26819
DUR.FAC.	1.25		
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 - pb02)

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.

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

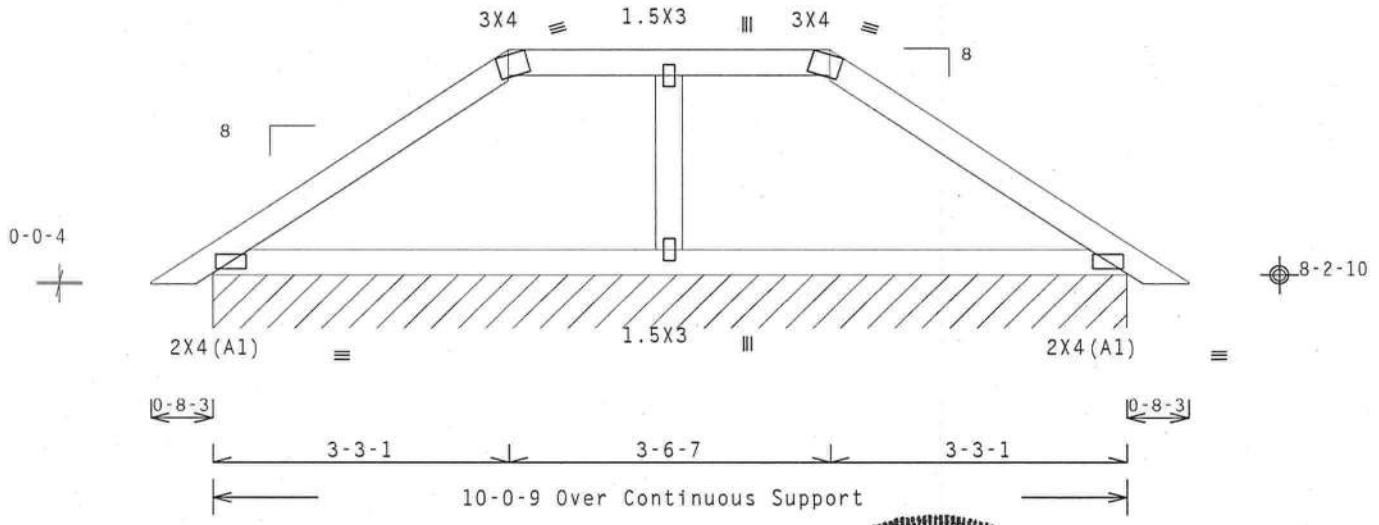
Bottom chord checked for 10.00 psf non-concurrent live load.

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.

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

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



R=82 PLT U=3 PLT W=10-0-9

RL=4/-4 PLF

Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave

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

10.03.11.0209.20

QTY:1

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

Scale =.5"/Ft.

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

10/25/2012

ALPINE

Building Components Group Inc.

Haines City, FL 33844
FL COA #0 278

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 and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. A seal on this 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; ITW-BCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

TC LL	20.0 PSF	REF	R487-- 34722
TC DL	7.0 PSF	DATE	10/25/12
BC DL	10.0 PSF	DRW	HCUSR487 12299020
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	26821
DUR.FAC.	1.25		
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 - pb03)

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.

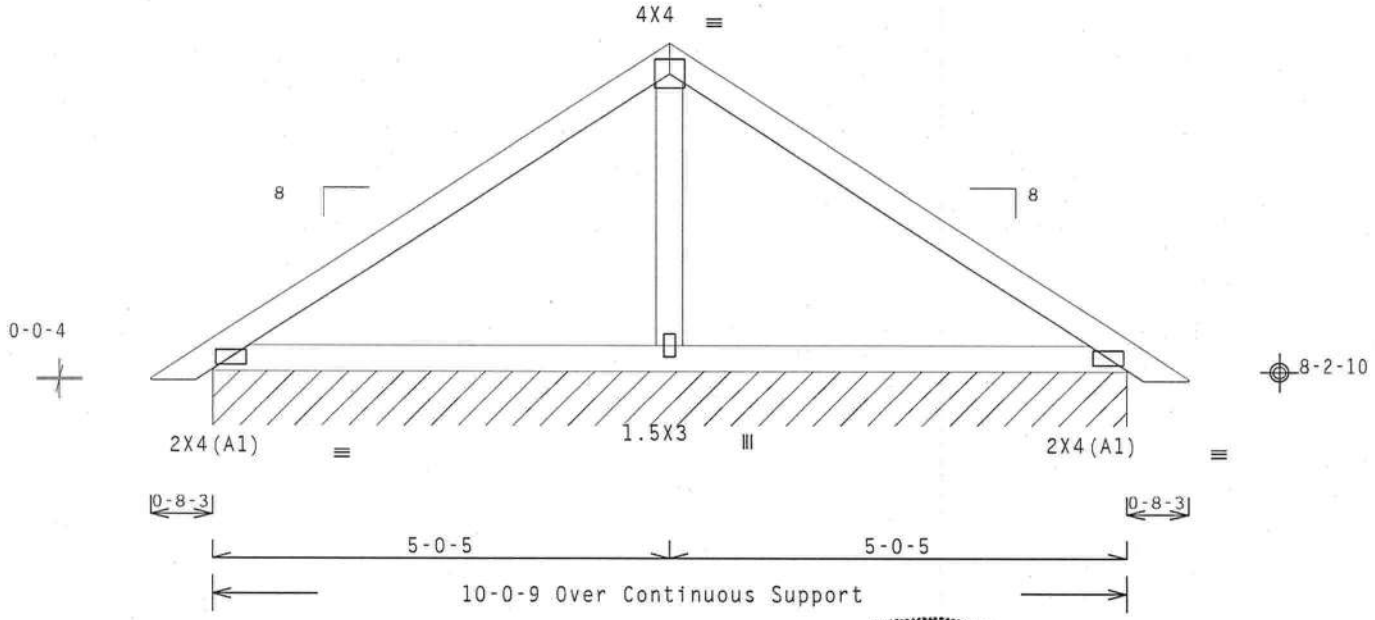
See DWGS A12015ENC100212, GBLLETIN0212, & GABRST100212 for more requirements.

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.

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



R=82 PLF U=3 PLF W=10-0-9

RL=6/-6 PLF

Design Crit: FBC2010Res/TPI-2007(STD) 10.03.11.0209.20 FT/RT=10%(0%)/0(0) TOT:12 FL/-/4/-/-/R/-

PLT TYP. Wave

Scale =.5"/Ft.

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

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

10/25/2012

TC LL	20.0 PSF	REF R487-- 34723
TC DL	7.0 PSF	DATE 10/25/12
BC DL	10.0 PSF	DRW HCUSR487 12299021
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	37.0 PSF	SEQN- 27117
DUR.FAC.	1.25	
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 - pb04)

Top chord 2x4 SP_#1_12A :T1 2x4 SP M-30:
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.

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

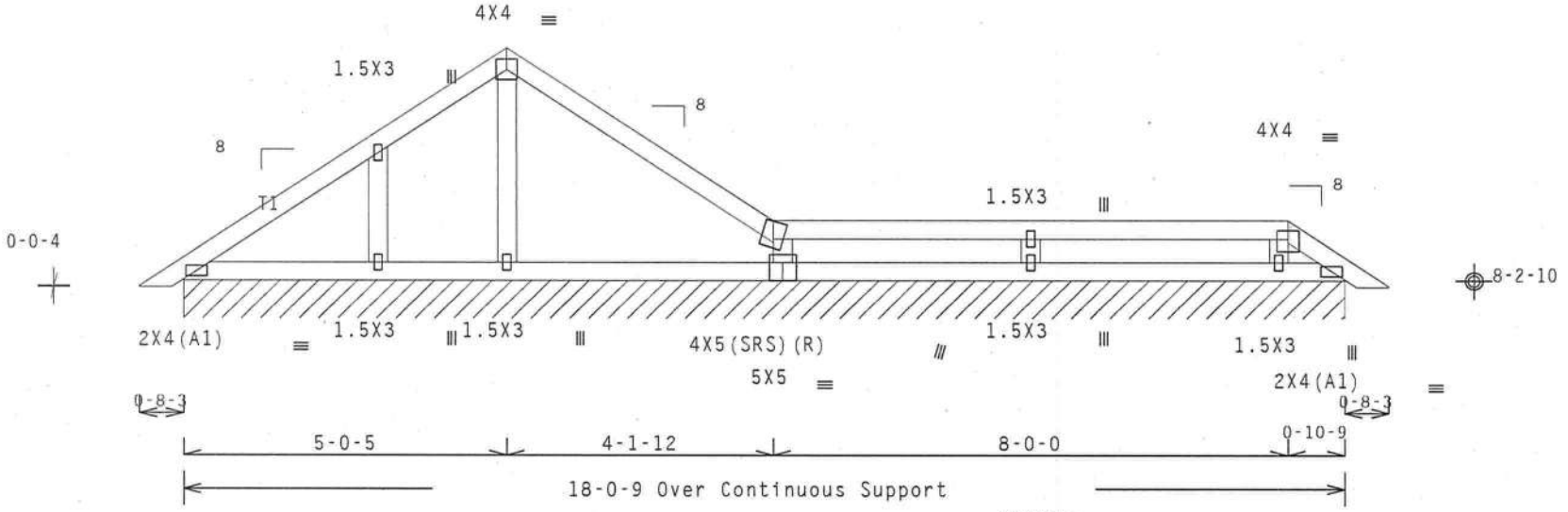
Bottom chord checked for 10.00 psf non-concurrent live load.

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.

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

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



R=80 PLF U=3 PLF W=18-0-9

RL=4/-4 PLF

Design Crit: FBC2010Res/TPI-2007(STD) 10.03.11.0209.20 01:1 FL/-/4/-/-/R/-

PLT TYP. Wave FT/RT=10%(0%)/0(0) Scale =.375"/Ft.

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

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

TC LL	20.0 PSF	REF R487-- 34724
TC DL	7.0 PSF	DATE 10/25/12
BC DL	10.0 PSF	DRW HCUSR487 12299022
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	37.0 PSF	SEQN- 26952
DUR.FAC.	1.25	
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 - pb05)

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.

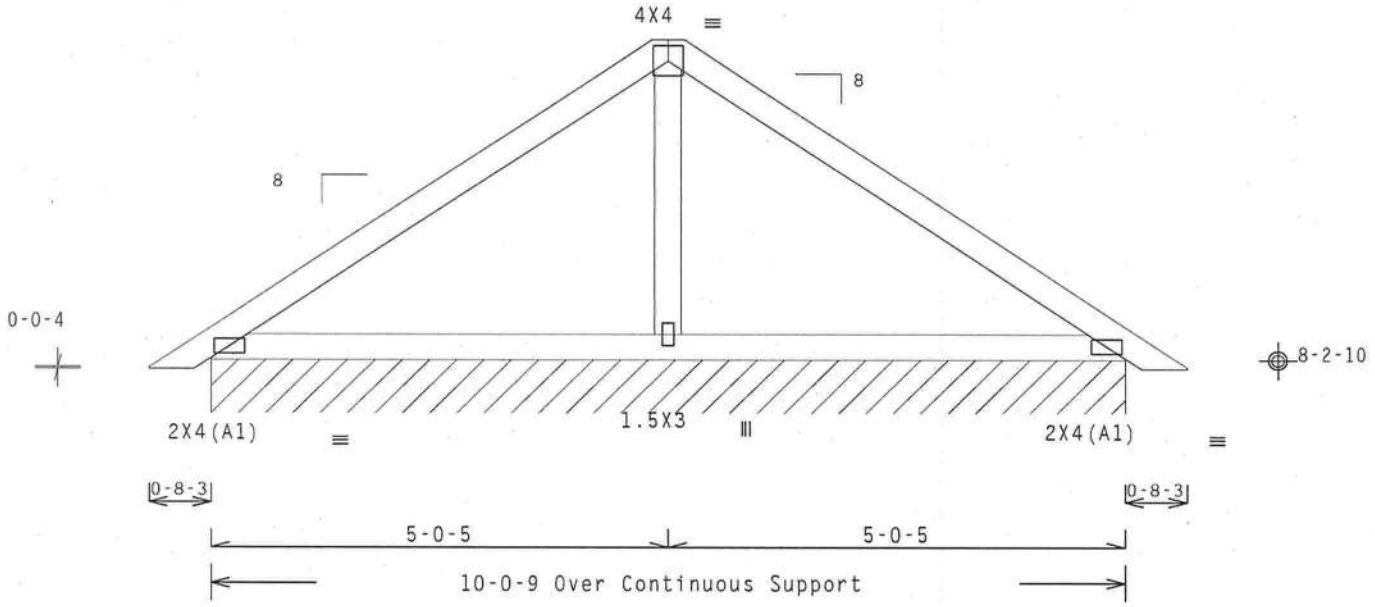
See DWGS A12015ENC100212, GBLLETIN0212, & GABRST100212 for more requirements.

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.

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



R=82 PLF U=3 PLF W=10-0-9

RL=6/-6 PLF

Design Crit: FBC2010Res/TPI-2007(STD) ... 0.03.11.0209.20 ... QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

PLT TYP. Wave FT/RT=10%(0%)/0(0)

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

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

TC LL	20.0 PSF	REF	R487-- 34725
TC DL	7.0 PSF	DATE	10/25/12
BC DL	10.0 PSF	DRW	HCUSR487 12299023
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	26823
DUR.FAC.	1.25		
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 - pb06)

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.

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

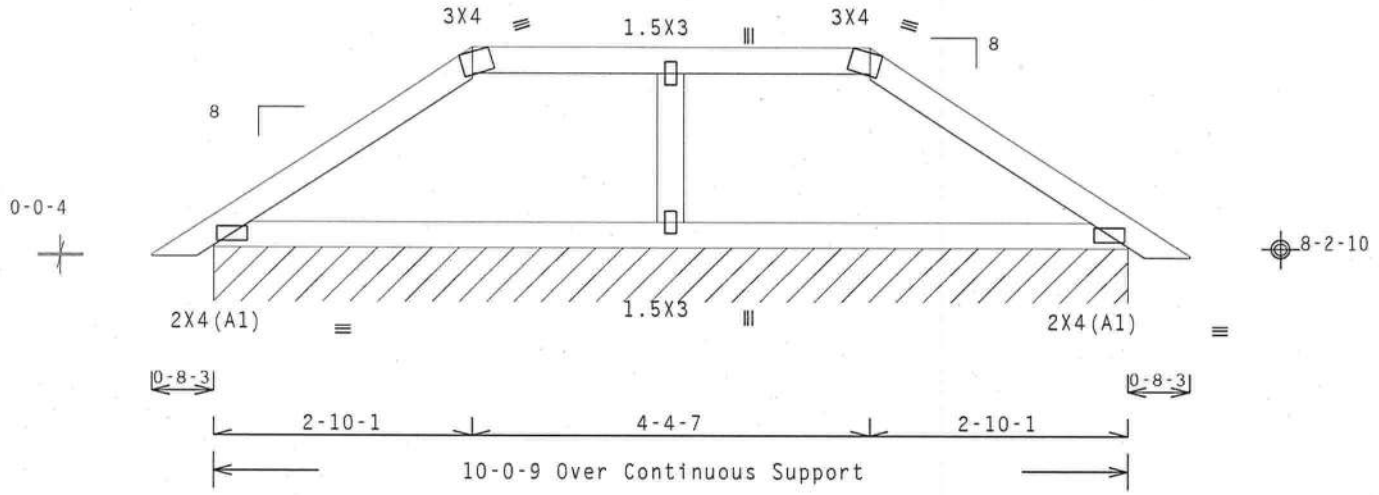
Bottom chord checked for 10.00 psf non-concurrent live load.

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.

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

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



R=82 PLF U=3 PLF W=10-0-9

RL=4/-4 PLF

Design Crit: FBC2010Res/TPI-2007(STD) 0.03.11.0209.20 0.0Y:1 FL/-/4/-/-/R/-

PLT TYP. Wave FT/RT=10%(0%)/0(0)

Scale =.5"/Ft.

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

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

TC LL	20.0 PSF	REF R487-- 34726
TC DL	7.0 PSF	DATE 10/25/12
BC DL	10.0 PSF	DRW HCUSR487 12299024
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	37.0 PSF	SEQN- 27120
DUR.FAC.	1.25	
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 - pb07)

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.

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

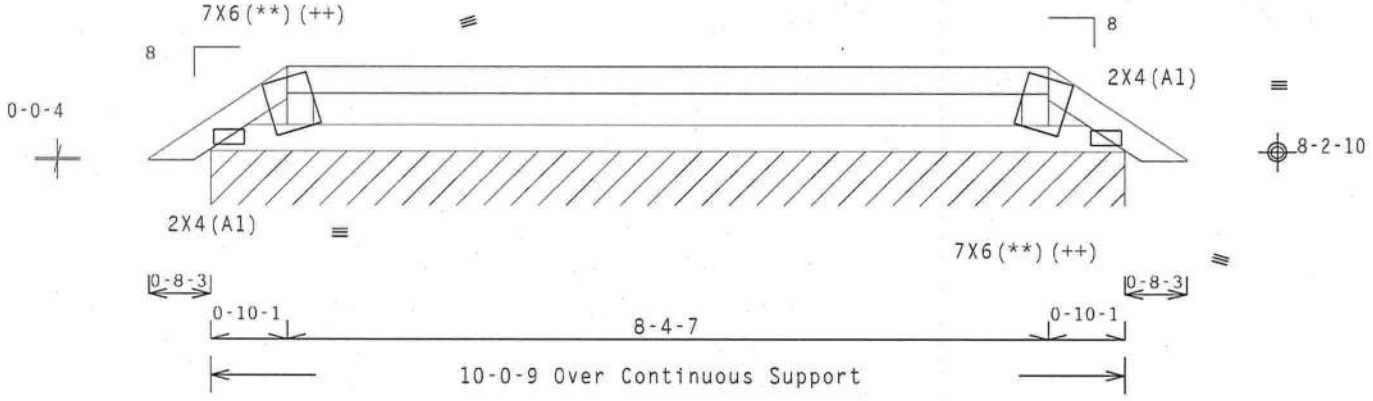
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

(++) - This plate works for both joints covered.

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.



R=82 PLF U=4 PLF W=10-0-9

Design Crit: FBC2010Res/TPI-2007(STD) 0.03.11.0209.20 0.Y:1 FL/-/4/-/-/R/-

PLT TYP. Wave FT/RT=10%(0%)/0(0) Scale =.5"/Ft.

ALPINE

Building Components Group Inc.

Haines City, FL 33844
FL COA #0 278

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

10/25/2012

TC LL	20.0 PSF	REF	R487-- 34727
TC DL	7.0 PSF	DATE	10/25/12
BC DL	10.0 PSF	DRW	HCUSR487 12299025
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	26824
DUR.FAC.	1.25		
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 - t09)

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.

Roof overhang supports 2.00 psf soffit load.

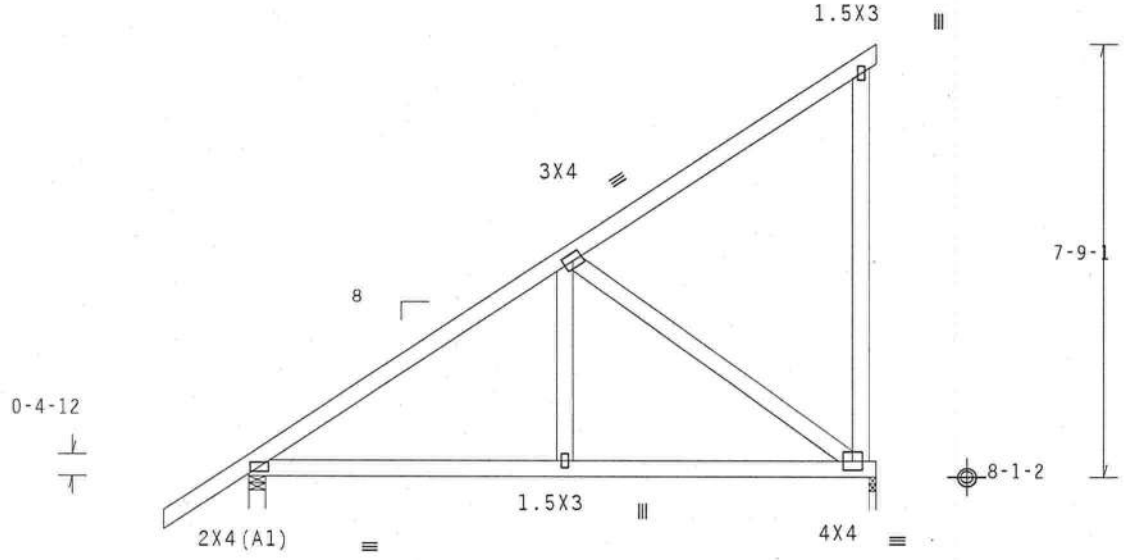
Bottom chord checked for 10.00 psf non-concurrent live load.

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.

Right end vertical not exposed to wind pressure.

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



1-6-0

11-0-8 Over 2 Supports

R=530 U=0 W=3.5"

RL=138/-57

R=411 U=0 W=1.5

Design Crit: FBC2010Res/TPI-2007(STD) 10.03.11.0209.20 OT:3 FL/-/4/-/-/R/-

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

PLT TYP. Wave

Scale =.3125"/Ft.

ALPINE

ilding Components Group Inc.

Haines City, FL 33844
FL COA #0 278

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

10/25/2012

TC LL	20.0 PSF	REF	R487-- 34728
TC DL	7.0 PSF	DATE	10/25/12
BC DL	10.0 PSF	DRW	HCUSR487 12299026
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	27123
DUR.FAC.	1.25		
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 - t1)

Top chord 2x4 SP_#1_12A :T2, T3 2x4 SP M-30:
Bot chord 2x4 SP_#1_12A
Webs 2x4 SP_#3__12A
:W2, W11, W13, W14, W15, W16 2x4 SP_#1_12A:

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

Brg blocks:0.131"x3", min. nails

brg	x-loc	#blocks	length/blk	#nails/blk	wall plate
2	21.667'	1	12"	7	Rigid Surface

Brg block to be same size and species as chord.
Refer to drawing CNNAILSP0109 for more information.

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.

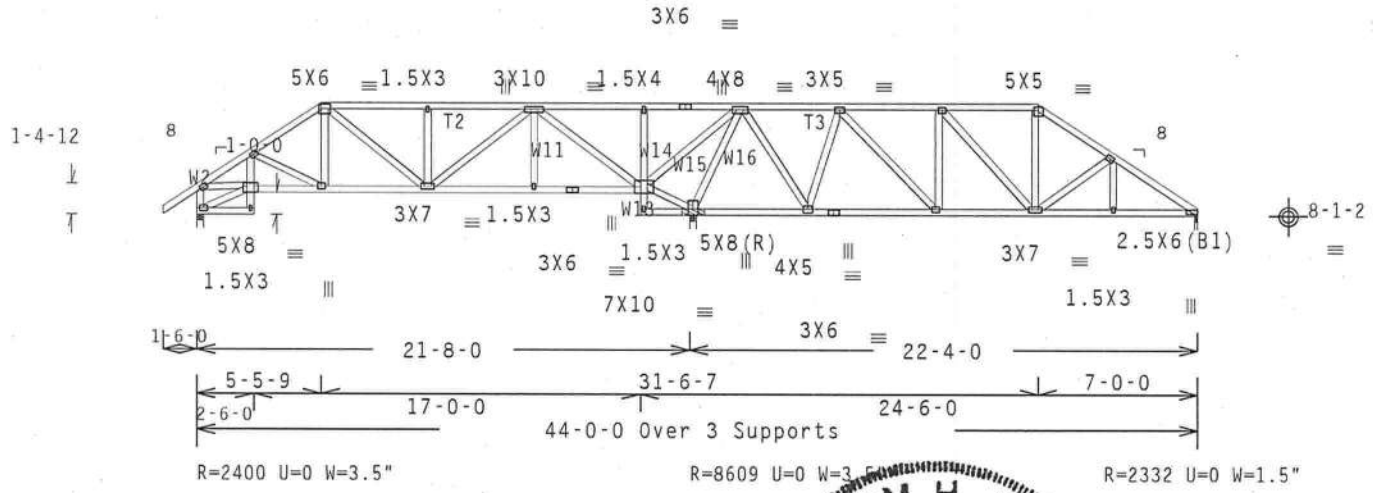
2 COMPLETE TRUSSES REQUIRED

Nail Schedule:0.131"x3", min. nails
Top Chord: 1 Row @11.50" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

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.

#1 hip supports 5-5-9 jacks at left end and 7-0-0 jacks at right end. Jacks have no webs.



Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2010Res/TPI-2007(STD) 0.03.11.0209.20 [illegible]:1 FL/-/4/-/-/R/-

PLT TYP. Wave FT/RT=10%(0%)/0(0) Scale =.125"/Ft.

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

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

TC LL	20.0 PSF	REF R487-- 34729
TC DL	7.0 PSF	DATE 10/25/12
BC DL	10.0 PSF	DRW HCUSR487 12299027
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	37.0 PSF	SEQN- 27152
DUR.FAC.	1.25	
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 - t10)

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.

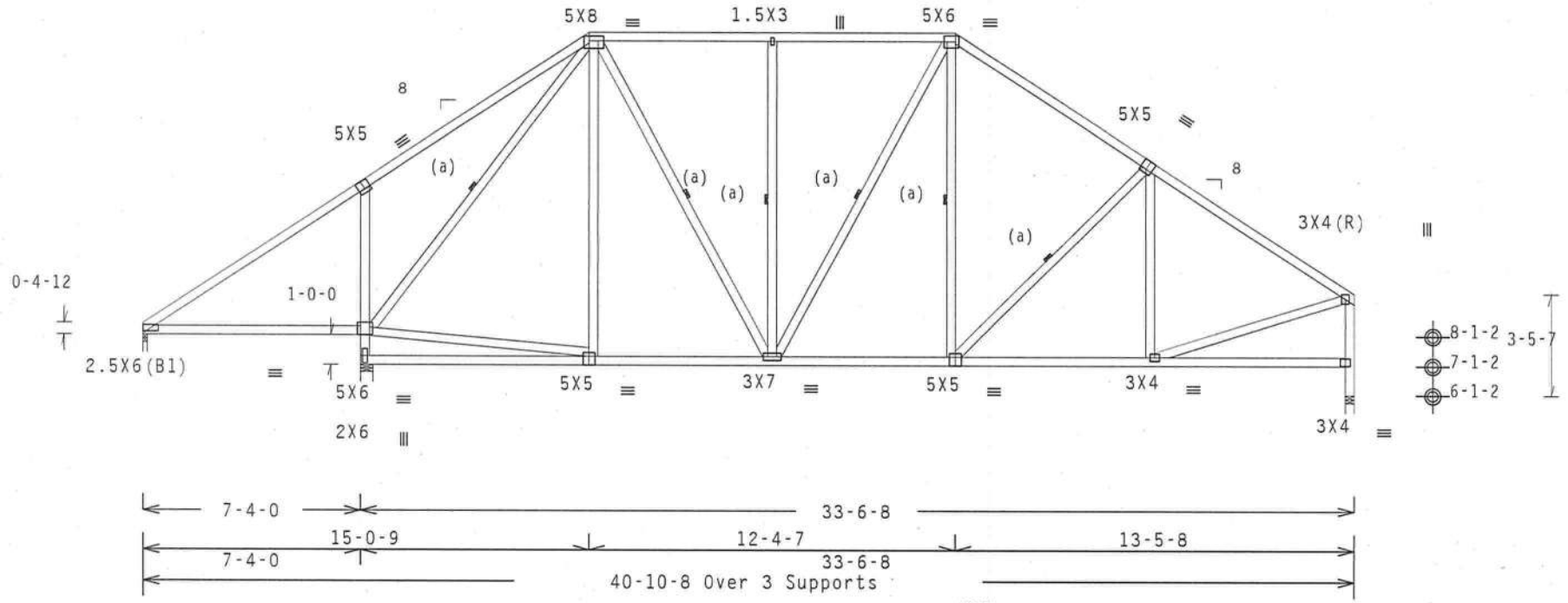
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

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.



Design Crit: FBC2010Res/TPI-2007(STD) 10.03.11.0209.20 ROT:1 FL/-/4/-/-/R/-

PLT TYP. Wave FT/RT=10%(0%)/0(0) Scale =.1875"/Ft.

ALPINE

Building Components Group Inc.

Haines City, FL 33844
FL COA #0 278

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

10/25/2012

TC LL	20.0 PSF	REF	R487-- 34730
TC DL	7.0 PSF	DATE	10/25/12
BC DL	10.0 PSF	DRW	HCUSR487 12299028
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	26962
DUR.FAC.	1.25		
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 - t11)

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.

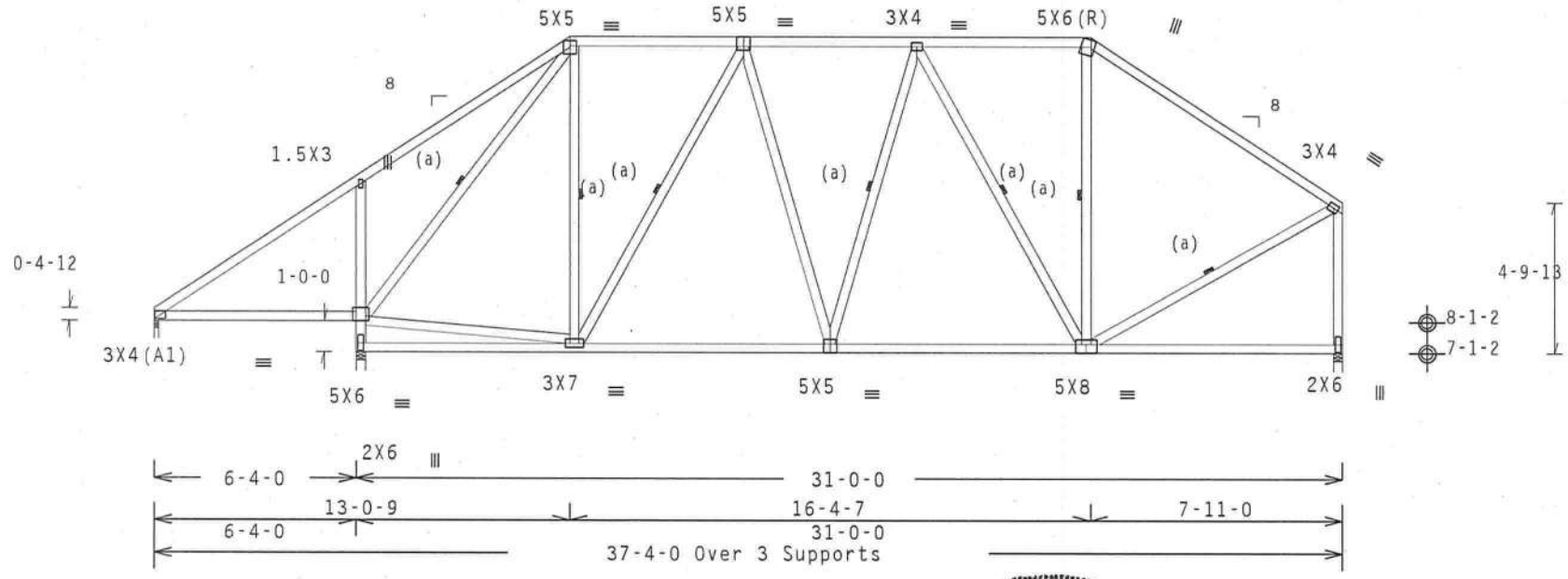
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

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.



Design Crit: FBC2010Res/TPI-2007(STD) 10.03.11.0209.20 QT:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

PLT TYP. Wave FT/RT=10%(0%)/0(0)

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

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

TC LL	20.0 PSF	REF	R487-- 34731
TC DL	7.0 PSF	DATE	10/25/12
BC DL	10.0 PSF	DRW	HCUSR487 12299029
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	26971
DUR.FAC.	1.25		
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 - t12)

Top chord 2x4 SP_#1_12A
Bot chord 2x4 SP_#1_12A
Webs 2x4 SP_#3__12A
:Rt Bearing Leg 2x4 SP_#3__12A:

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

120 mph wind, 15.85 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

Left end vertical not exposed to wind pressure.

(b) (2) #3 or better scab braces. Same size & 80% length of web member. Attach one to each face w/10d Box or Gun (0.128"x3",min.)nails @ 6" OC.

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

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

2 COMPLETE TRUSSES REQUIRED

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

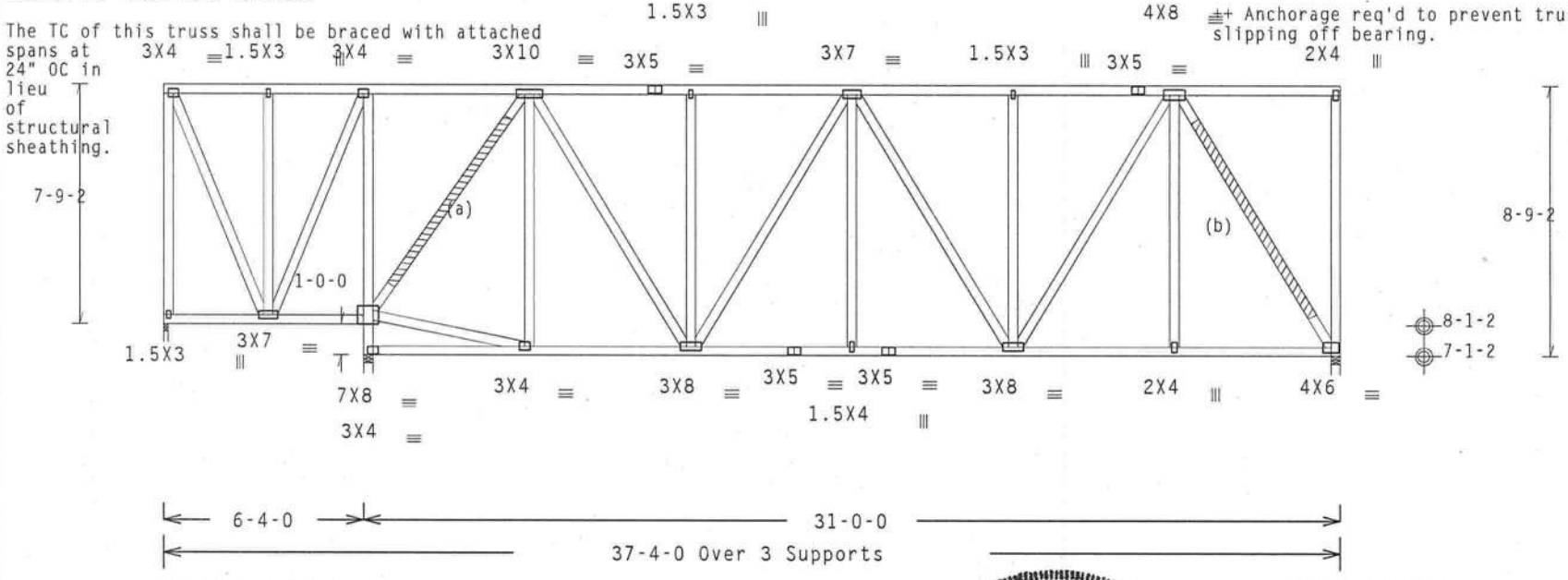
Wind loads and reactions based on MWFRS with additional C&C member design.

(a) #3 or better scab brace. Same size & 80% length of web member. Attach with 10d Box or Gun (0.128"x3",min.)nails @ 6" OC.

Girder supports 12-7-0 span to BC one face and 2-0-0 span to TC/BC split opposite face.

Truss must be installed as shown with top chord up.

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



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave

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

10.03.11.0209.20 QTY 1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

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

10/25/2012

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

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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-- 34732
DATE	10/25/12
DRW	HCUSR487 12299030
HC-ENG	WHK/WHK
SEQN-	27175
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 - t13)

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.

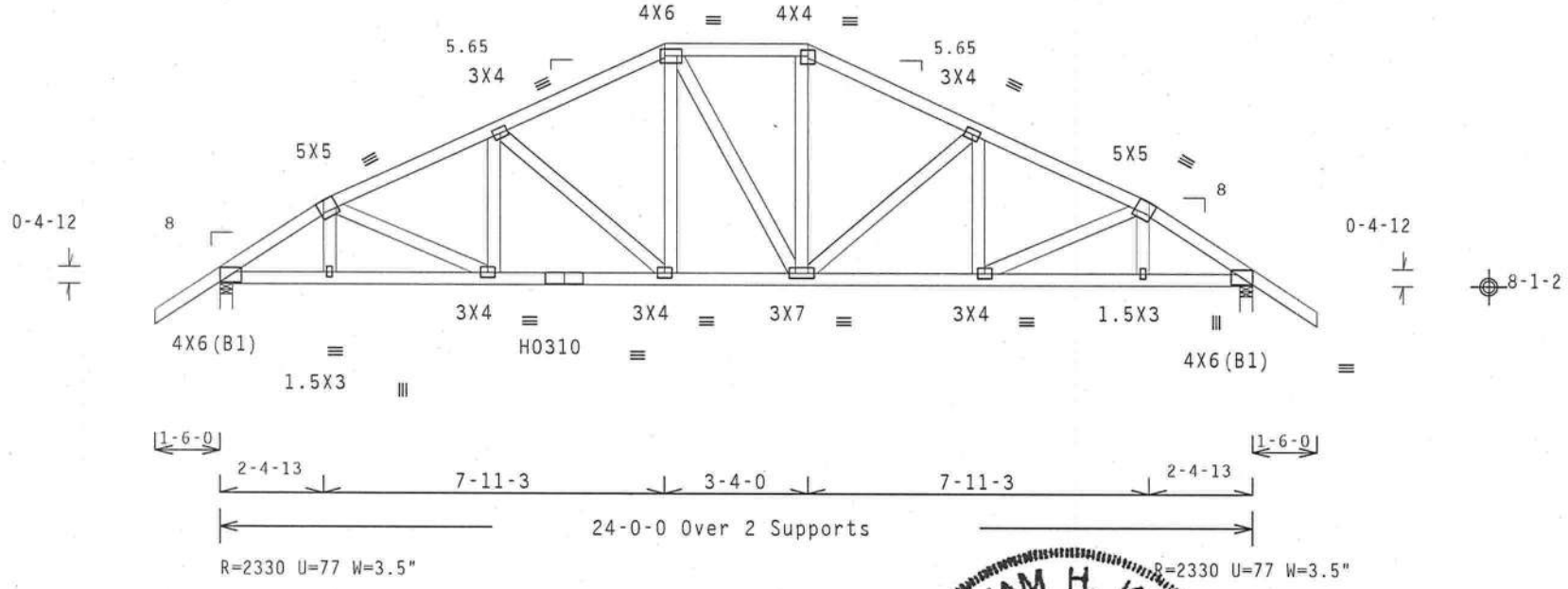
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

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.

Girder supports 8-0-0 span to BC one face and 2-0-0 span to TC/BC split opposite face.



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. 20 Gauge HS,Wave FT/RT=10%(0%)/0(0) 10.03.11.0209.20 QTY: 1 FL/-/4/-/-/R/- Scale =.25"/Ft.

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

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

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

REF	R487-- 34733
DATE	10/25/12
DRW	HCUSR487 12299031
HC-ENG	WHK/WHK
SEQN-	27166
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 - t14)

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.

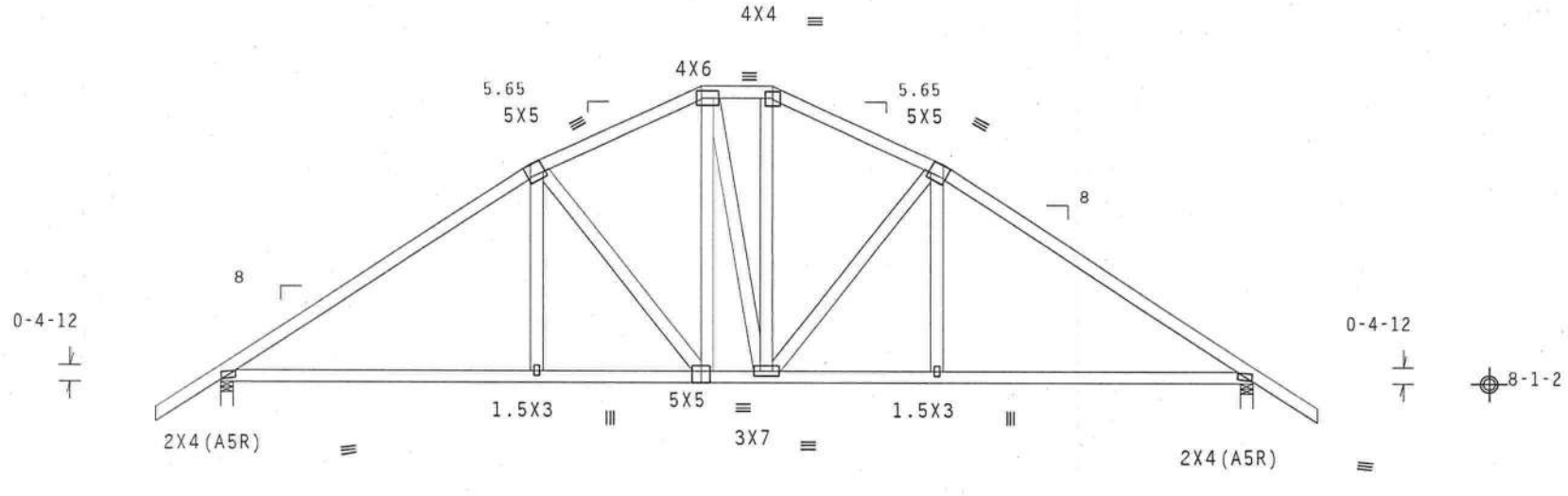
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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.

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

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



Design Crit: FBC2010Res/TPI-2007(STD) 10 03.11.0209.20 :1 FL/-/4/-/-/R/-

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

PLT TYP. Wave

Scale =.25"/Ft.

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

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

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

REF	R487-- 34734
DATE	10/25/12
DRW	HCUSR487 12299032
HC-ENG	WHK/WHK
SEQN-	26831
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 - t15)

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.

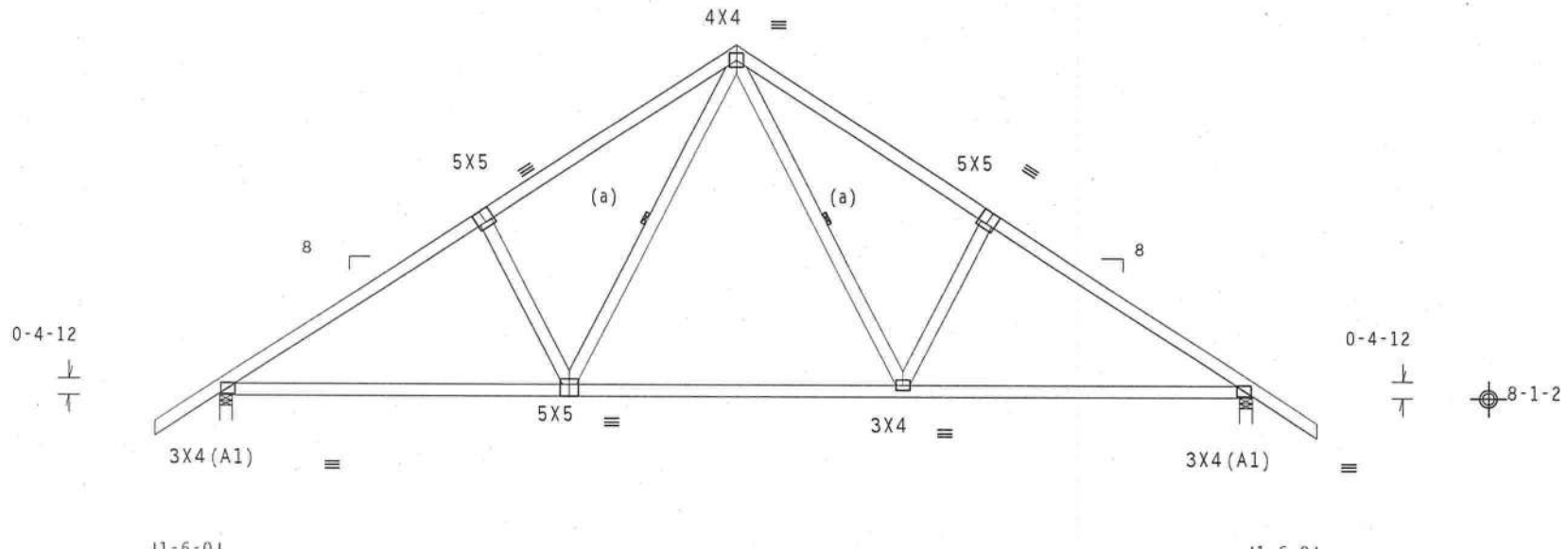
(a) Continuous lateral bracing equally spaced on member.

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

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

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

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



Design Crit: FBC2010Res/TPI-2007(STD) 10.03.11.0209.20 QT:1 FL/-/4/-/-/R/-

PLT TYP. Wave FT/RT=10%(0%)/0(0) Scale =.25"/Ft.

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

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

TC LL	20.0 PSF	REF R487-- 34735
TC DL	7.0 PSF	DATE 10/25/12
BC DL	10.0 PSF	DRW HCUSR487 12299033
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	37.0 PSF	SEQN- 26832
DUR.FAC.	1.25	
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 - t16)

Top chord 2x4 SP M-30
Bot chord 2x8 SP 2400f-2.0E
Webs 2x4 SP_#3__12A
:W3, W5, W6, W7, W8, W10 2x4 SP_#1_12A:
:Lt Wedge 2x4 SP_#3__12A::Rt Wedge 2x4 SP_#3__12A:

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

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	23.708'	1	12"	4	Rigid Surface

Brg block to be same size and species as chord.
Refer to drawing CNNAILSP0109 for more information.

Girder supports 43-0-0 span to BC one face and 2-0-0 span to TC/BC split opposite face.

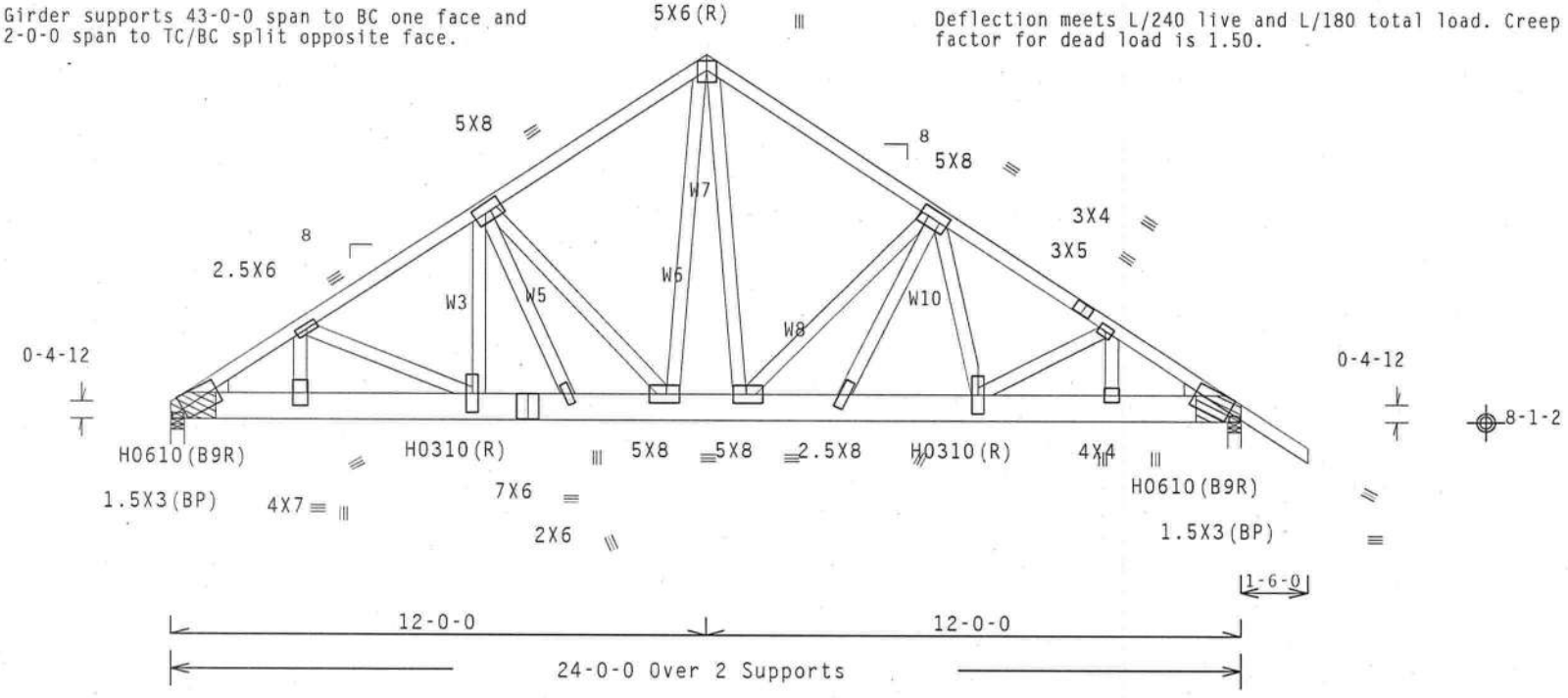
2 COMPLETE TRUSSES REQUIRED

Nail Schedule:0.131"x3", min. nails
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @ 4.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

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. 20 Gauge HS,Wave

Design Crit: FBC2010Res/TPI-2007(STD) FT/RT=10%(0%)/0(0) 0.03.11.0209.20 0:Y:1 FL/-/4/-/-/R/-

Scale =.25"/Ft.

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

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

TC LL	20.0 PSF	REF R487-- 34736
TC DL	7.0 PSF	DATE 10/25/12
BC DL	10.0 PSF	DRW HCUSR487 12299034
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	37.0 PSF	SEQN- 27171
DUR.FAC.	1.25	
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 - t17)

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.

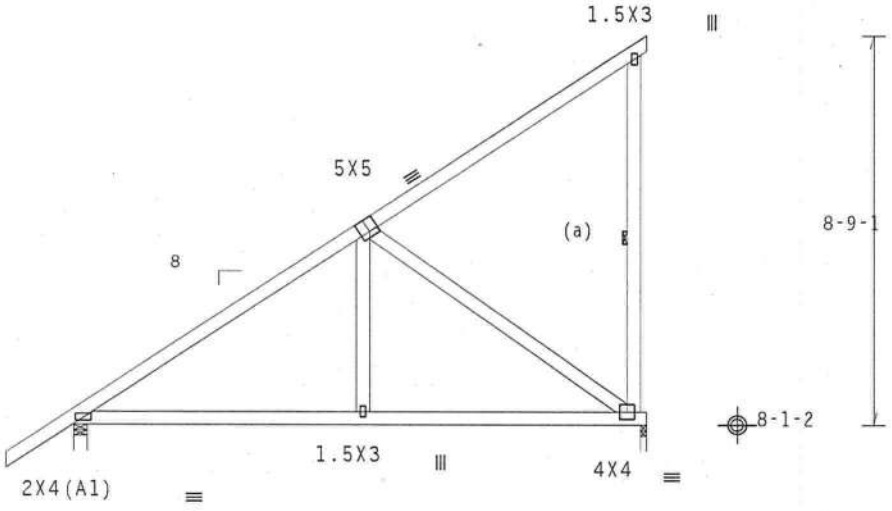
Bottom chord checked for 10.00 psf non-concurrent live load.

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.

Right end vertical not exposed to wind pressure.

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



1-6-0

12-7-0 Over 2 Supports

R=588 U=0 W=3.5"

R=471 U=58 W=1

RL=155/-62

Design Crit: FBC2010Res/TPI-2007(STD) 0.03.11.0209.20 0Y:15 FL/-/4/-/-/R/-

PLT TYP. Wave FT/RT=10%(0%)/0(0)

Scale =.25"/Ft.

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

10/25/2012

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

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TC LL	20.0 PSF	REF	R487-- 34737
TC DL	7.0 PSF	DATE	10/25/12
BC DL	10.0 PSF	DRW	HCUSR487 12299035
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	26834
DUR.FAC.	1.25		
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 - t18)

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.

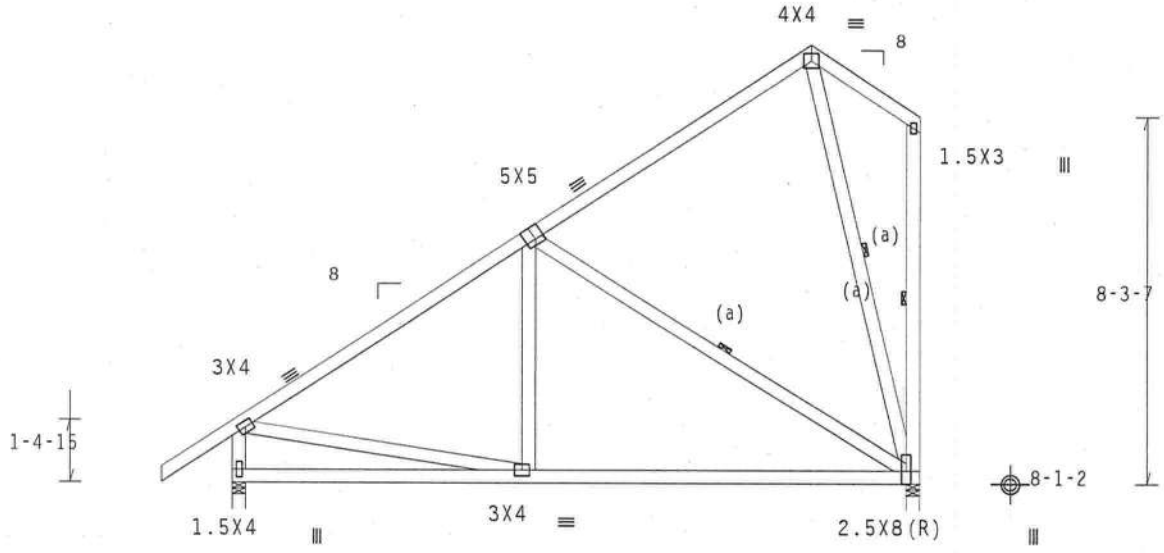
Bottom chord checked for 10.00 psf non-concurrent live load.

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.

Right end vertical not exposed to wind pressure.

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



Design Crit: FBC2010Res/TPI-2007(STD) 10.03.11.0209.20 QTY:1 FL/-/4/-/-/R/-

PLT TYP. Wave FT/RT=10%(0%)/0(0) Scale =.25"/Ft.

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

10/25/2012

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

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TC LL	20.0 PSF	REF	R487-- 34738
TC DL	7.0 PSF	DATE	10/25/12
BC DL	10.0 PSF	DRW	HCUSR487 12299036
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	26835
DUR.FAC.	1.25		
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 - t19)

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.

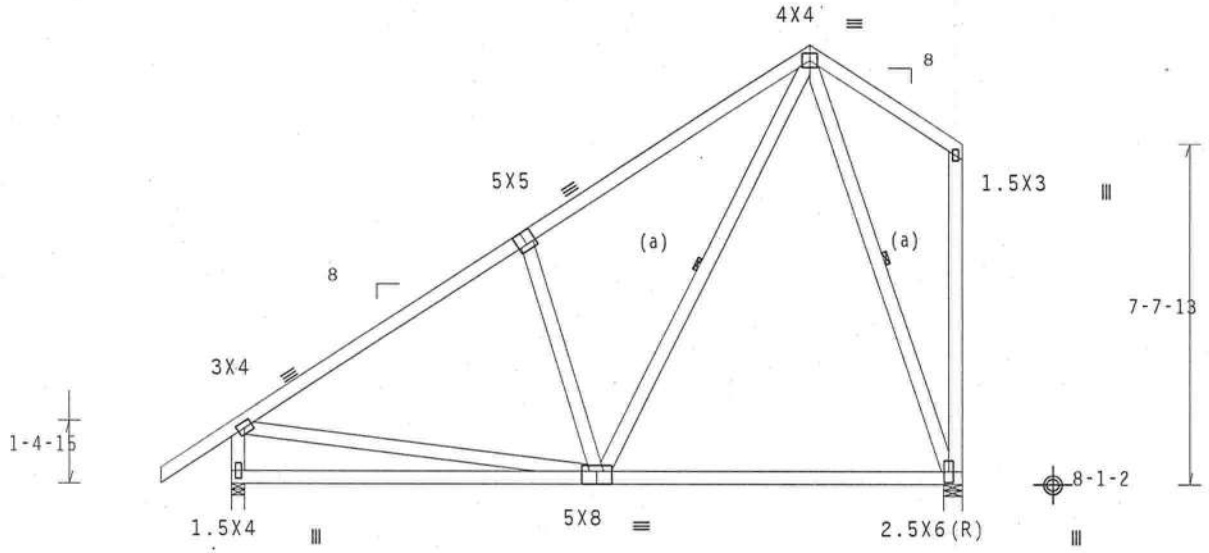
Bottom chord checked for 10.00 psf non-concurrent live load.

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.

Right end vertical not exposed to wind pressure.

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



Design Crit: FBC2010Res/TPI-2007(STD) 0.03.11.0209.20 QTY:1 FL/-/4/-/-/R/-

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

Scale =.25"/Ft.

PLT TYP. Wave

ALPINE

Building Components Group Inc.

Haines City, FL 33844
FL COA #0 278

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

10/25/2012

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

REF	R487-- 34739
DATE	10/25/12
DRW	HCUSR487 12299037
HC-ENG	WHK/WHK
SEQN-	26836
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 - t2)

Top chord 2x4 SP_#1_12A
Bot chord 2x4 SP_#1_12A
Webs 2x4 SP_#3__12A :W3 2x4 SP_#1_12A:

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

(a) Continuous lateral bracing equally spaced on member.

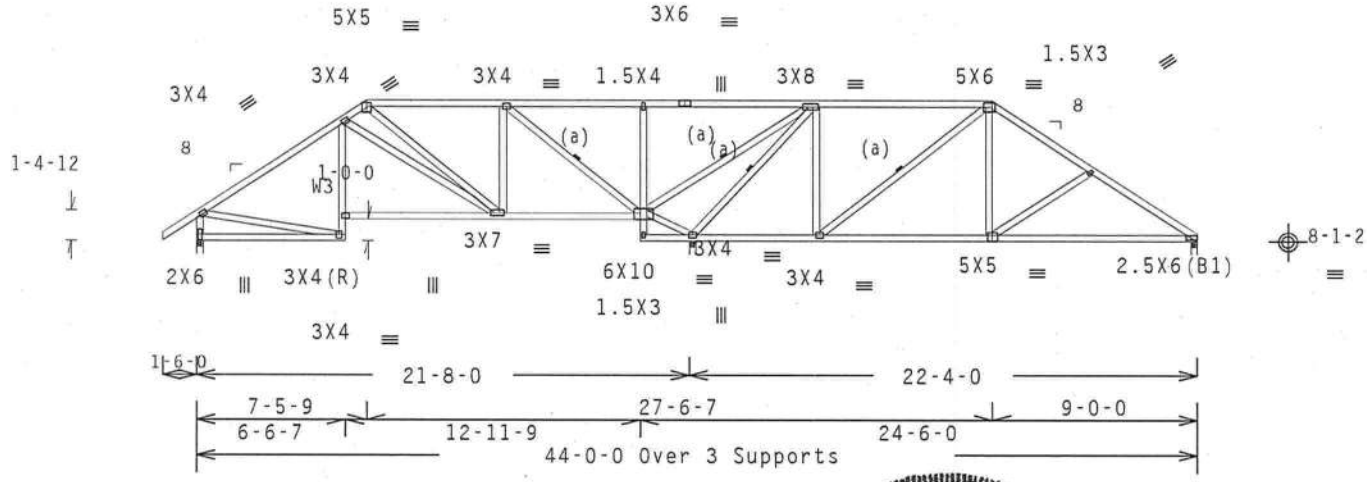
Bottom chord checked for 10.00 psf non-concurrent live load.

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.

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.



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 10.03.11.0209.20 QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

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

10/25/2012

ALPINE

ilding Components Group Inc.

Haines City, FL 33844
FL COA #0 278

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TC LL	20.0 PSF	REF	R487-- 34740
TC DL	7.0 PSF	DATE	10/25/12
BC DL	10.0 PSF	DRW	HCUSR487 12299038
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	26837
DUR.FAC.	1.25		
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 - t20)

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.

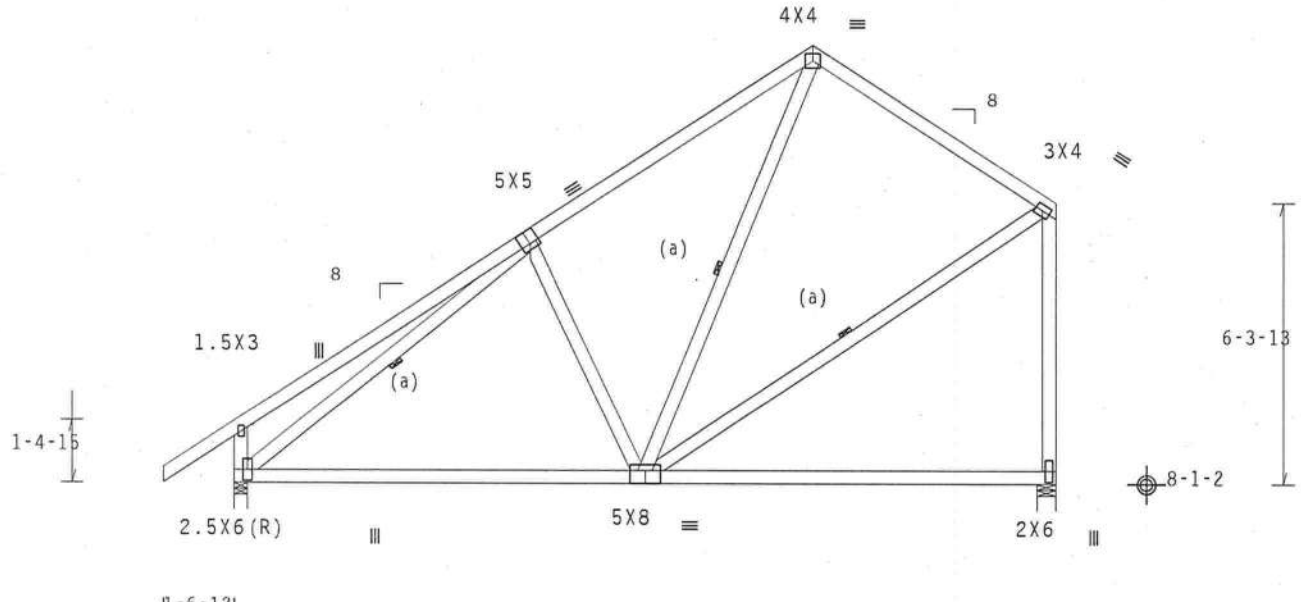
Bottom chord checked for 10.00 psf non-concurrent live load.

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.

Right end vertical not exposed to wind pressure.

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



R=794 U=14 W=3.5"

600 U=33 W=4.95"

RL=122/-102

Design Crit: FBC2010Res/TPI-2007(STD) 0.03.11.0209.20 ... 0Y:1 FL/-/4/-/-/R/-

PLT TYP. Wave

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

Scale =.25"/Ft.

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

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

10/25/2012

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

REF	R487-- 34741
DATE	10/25/12
DRW	HCUSR487 12299039
HC-ENG	WHK/WHK
SEQN-	26838
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 - t22)

Top chord 2x4 SP_#1_12A
Bot chord 2x4 SP_#1_12A
Webs 2x4 SP_#3__12A
:Rt Slider 2x4 SP_#3__12A: BLOCK LENGTH = 4.161'

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

(a) Continuous lateral bracing equally spaced on member.

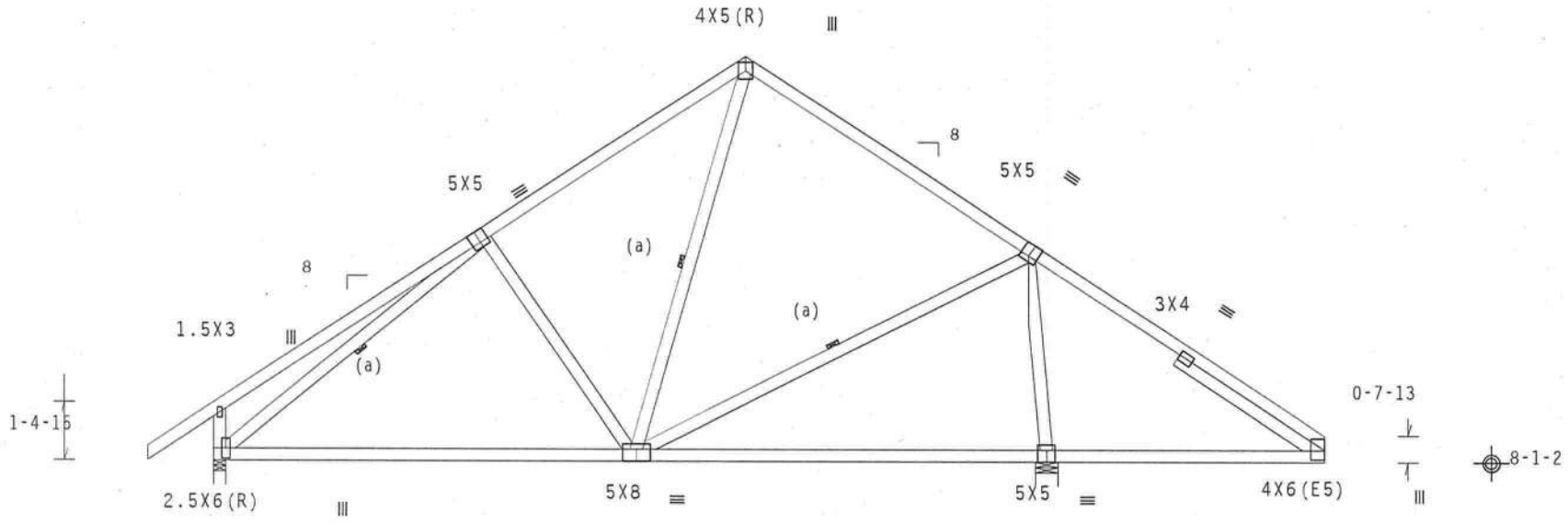
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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

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

Right cantilever is exposed to wind

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



R=824 U=35 W=3.5"

RL=151/-164

R=817 U=-4 W=6.45"

Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave

FT/RT=10%(0%)/0(0) 10.03.11.0209.20 QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

ALPINE

Building Components Group Inc.

Haines City, FL 33844
FL COA #0 278

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

10/25/2012

TC LL	20.0 PSF	REF	R487-- 34742
TC DL	7.0 PSF	DATE	10/25/12
BC DL	10.0 PSF	DRW	HCUSR487 12299040
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	26840
DUR.FAC.	1.25		
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 - t23)

Top chord 2x4 SP_#1_12A :T4 2x4 SP M-30:
Bot chord 2x4 SP_#1_12A :B2 2x4 SP M-30:
Webs 2x4 SP_#3__12A
:Rt Slider 2x4 SP_#3__12A: BLOCK LENGTH = 1.696'

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

(a) Continuous lateral bracing equally spaced on member.

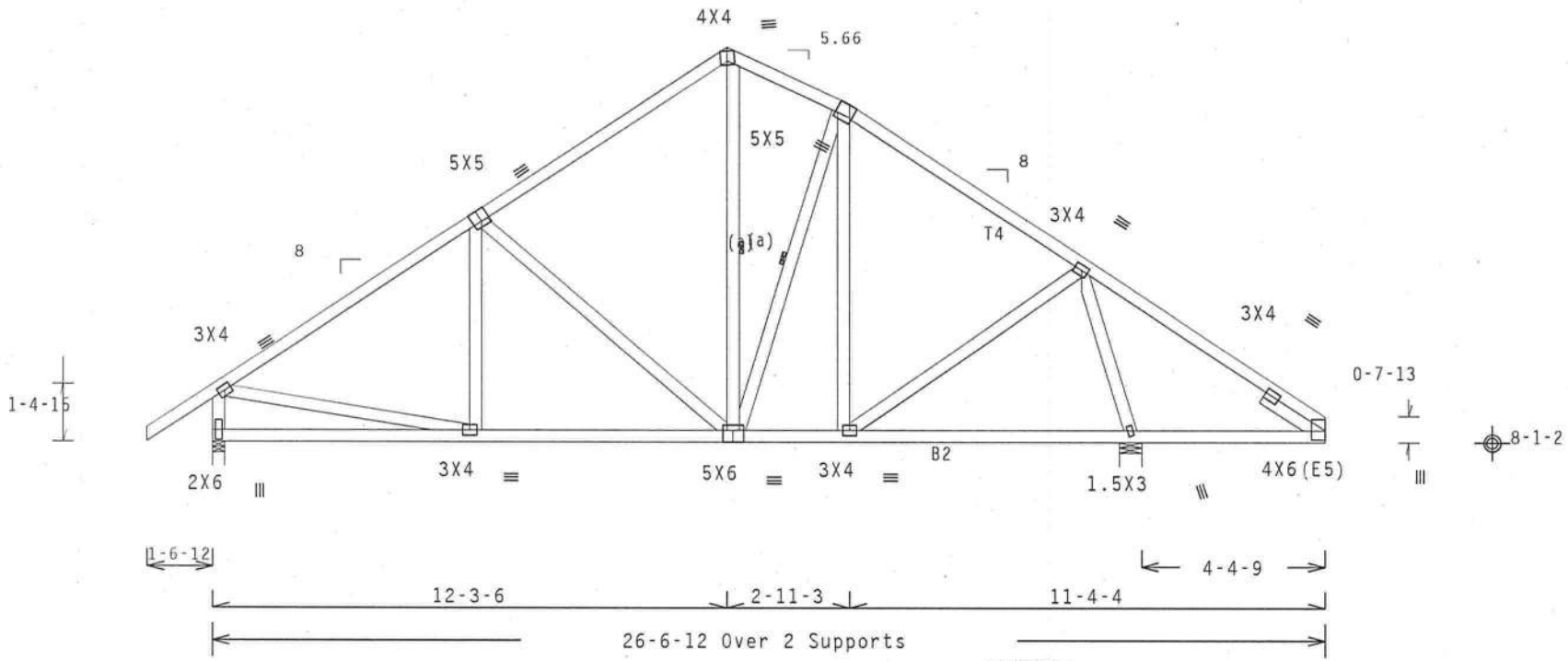
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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

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

Right cantilever is exposed to wind

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



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 10.03.11.0209.20 QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

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

10/25/2012

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

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TC LL	20.0 PSF	REF R487-- 34743
TC DL	7.0 PSF	DATE 10/25/12
BC DL	10.0 PSF	DRW HCUSR487 12299041
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	37.0 PSF	SEQN- 26979
DUR.FAC.	1.25	
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 - t24)

Top chord 2x4 SP_#1_12A
Bot chord 2x4 SP_#1_12A
Webs 2x4 SP_#3__12A
:Rt Slider 2x4 SP_#3__12A: BLOCK LENGTH = 1.820'

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

(a) Continuous lateral bracing equally spaced on member.

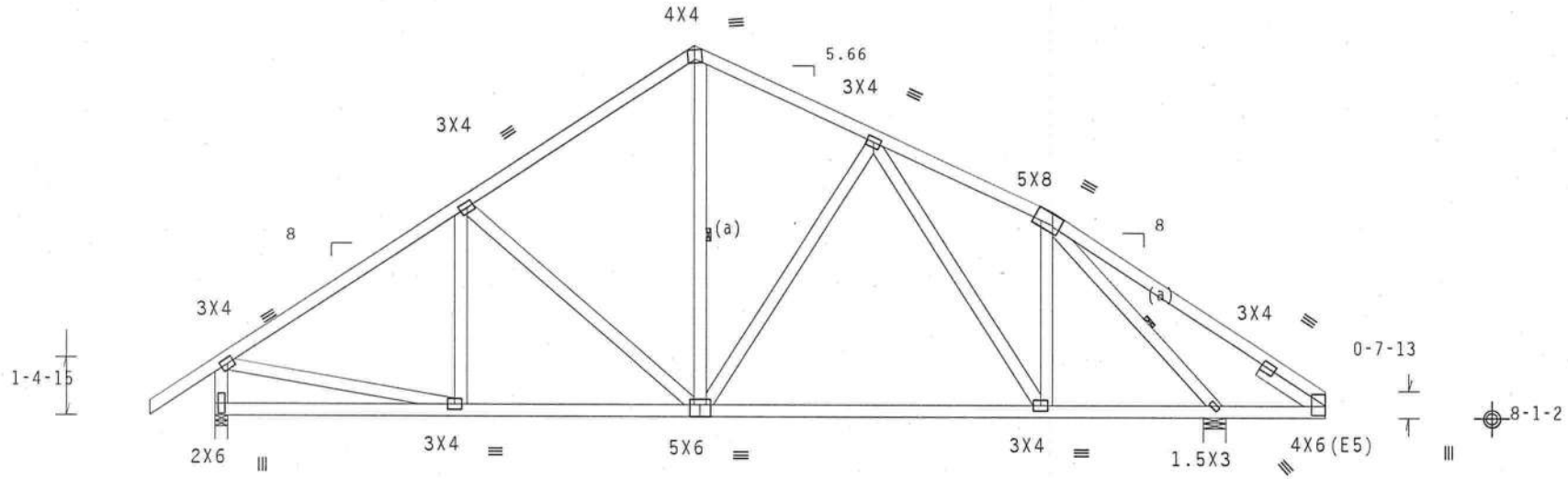
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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

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

Right cantilever is exposed to wind

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



Design Crit: FBC2010Res/TPI-2007(STD) 10.03.11.0209.20 ROT:1 FL/-/4/-/-/R/-

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

PLT TYP. Wave

Scale =.25"/Ft.

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

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 and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 16DA-Z for standard plate positions. A seal on this 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; ITW-BCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

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

10/25/2012

TC LL	20.0 PSF	REF	R487-- 34744
TC DL	7.0 PSF	DATE	10/25/12
BC DL	10.0 PSF	DRW	HCUSR487 12299042
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	26984
DUR.FAC.	1.25		
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 - t25)

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.

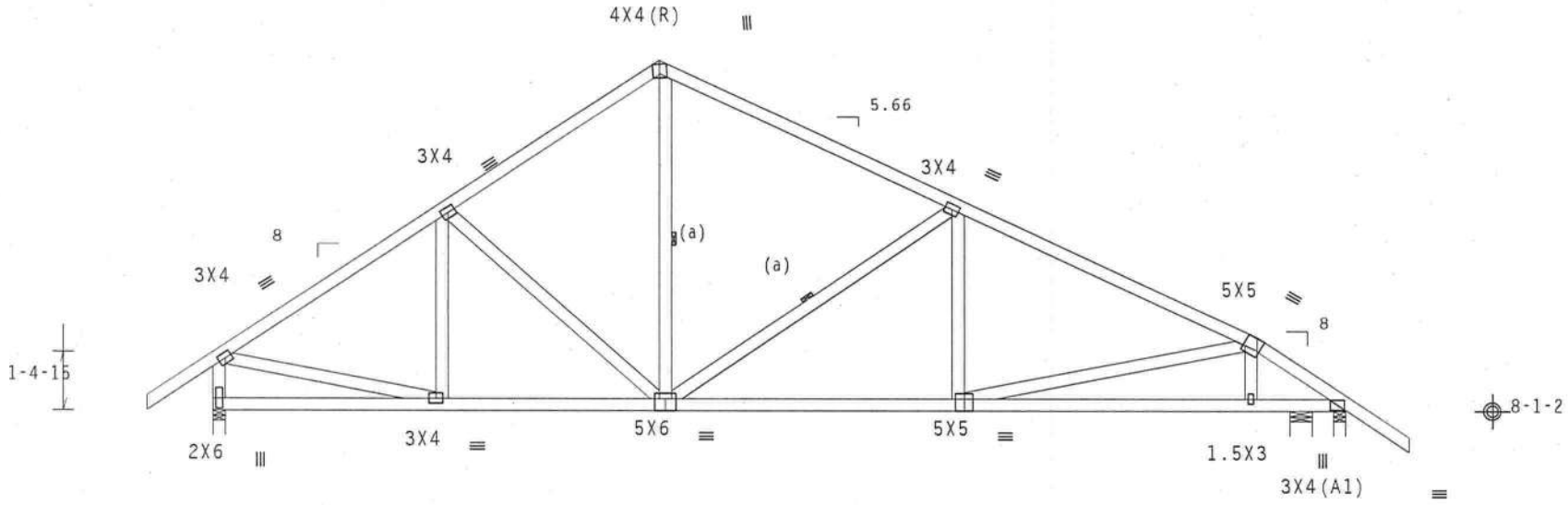
(a) Continuous lateral bracing equally spaced on member.

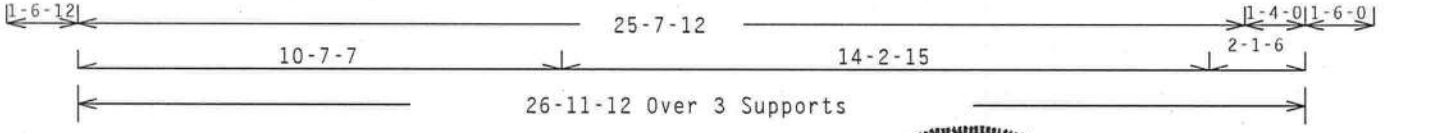
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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

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

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





R=1110 U=41 W=3.5"

RL=141/-156

R=344 U=13 W=6.45"
R=807 U=31 W=3.5"

Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave

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

10.03.11.0209.20

QTY 1

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

Scale =.25"/Ft.

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

10/25/2012

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TC LL	20.0 PSF	REF	R487-- 34745
TC DL	7.0 PSF	DATE	10/25/12
BC DL	10.0 PSF	DRW	HCUSR487 12299043
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	26900
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UQM487_Z01