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

(12-312A--BRYAN ZECHER Cataldo Residence 1225F -- Lake City, FL - C 8'1"8 Common)

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.

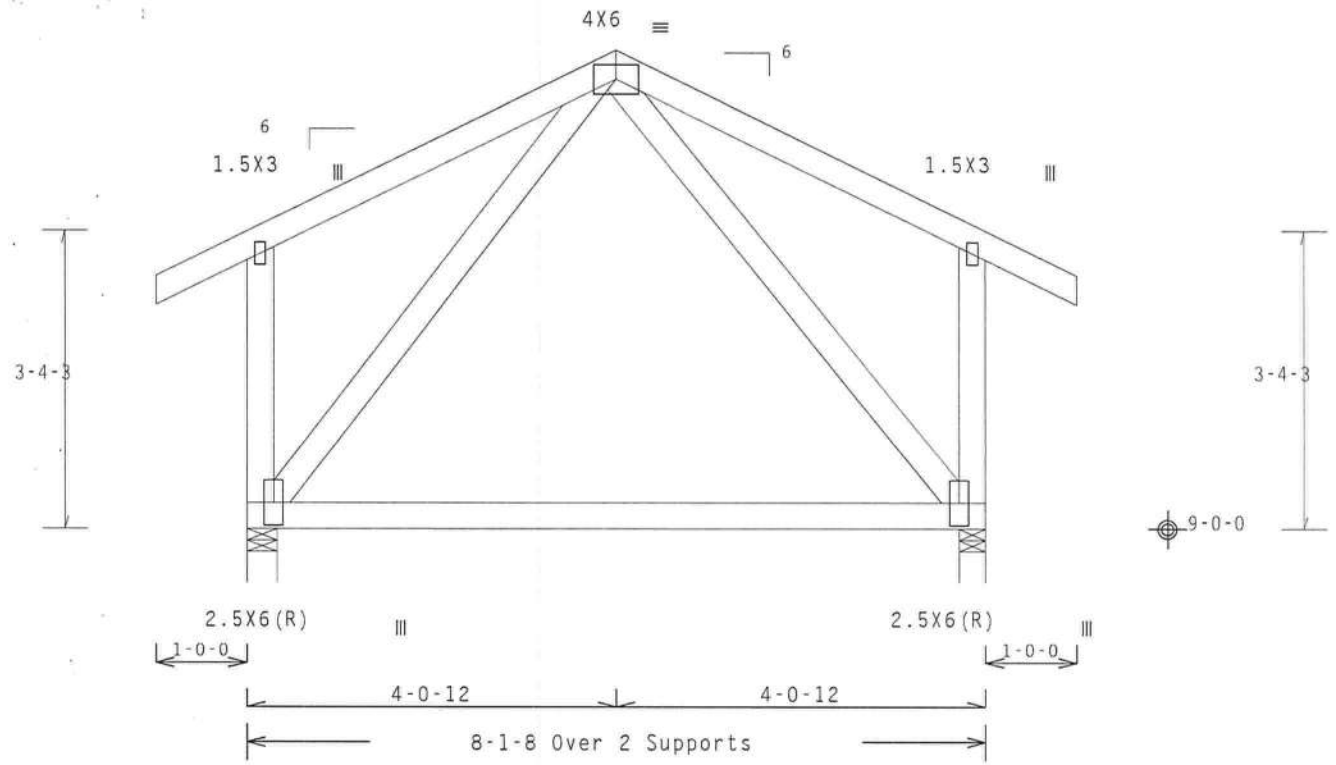
End verticals not exposed to wind pressure.

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

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

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

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



R=367 U=18 W=4"

RL=44/-44

R=367 U=18 W=3.5"

Design Crit: FBC2010Res/TPI-2007(STD) 10/03.11.0209.20 TOT:3 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 web shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design, 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

10/29/2012

TC LL	20.0 PSF	REF	R9114- 48500
TC DL	7.0 PSF	DATE	10/26/12
BC DL	10.0 PSF	DRW	HCUSR9114 12300021
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	27518
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UQ09114Z01

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

(12-312A--BRYAN ZECHER Cataldo Residence 1225F -- Lake City, FL - C1 8'1"8 Common)

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

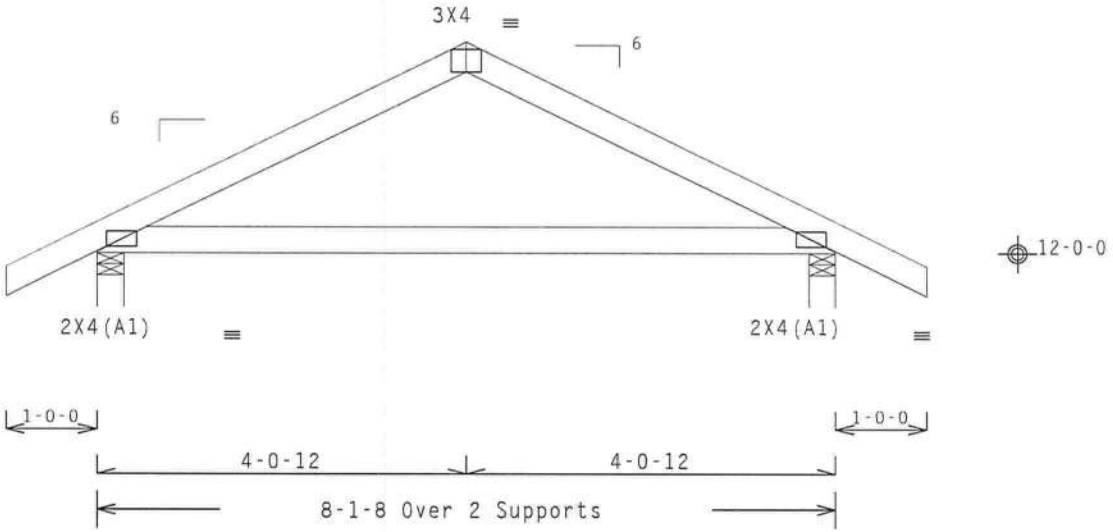
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

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) 130.03.11.0209.20 TOP: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
10/29/2012

TC LL	20.0 PSF	REF R9114- 48501
TC DL	7.0 PSF	DATE 10/26/12
BC DL	10.0 PSF	DRW HCUSR9114 12300022
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	37.0 PSF	SEQN- 27519
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1UQ09114Z01

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

(12-312A--BRYAN ZECHER Cataldo Residence 1225F -- Lake City, FL - CGE 8'1"8 Common Girder)

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). Dropped top chord braced at 24" o.c. intervals. Attach stacked top chord (SC) to dropped top chord in notchable area using 3x4 tie-plates 24" o.c. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in notchable area using 3x6.

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

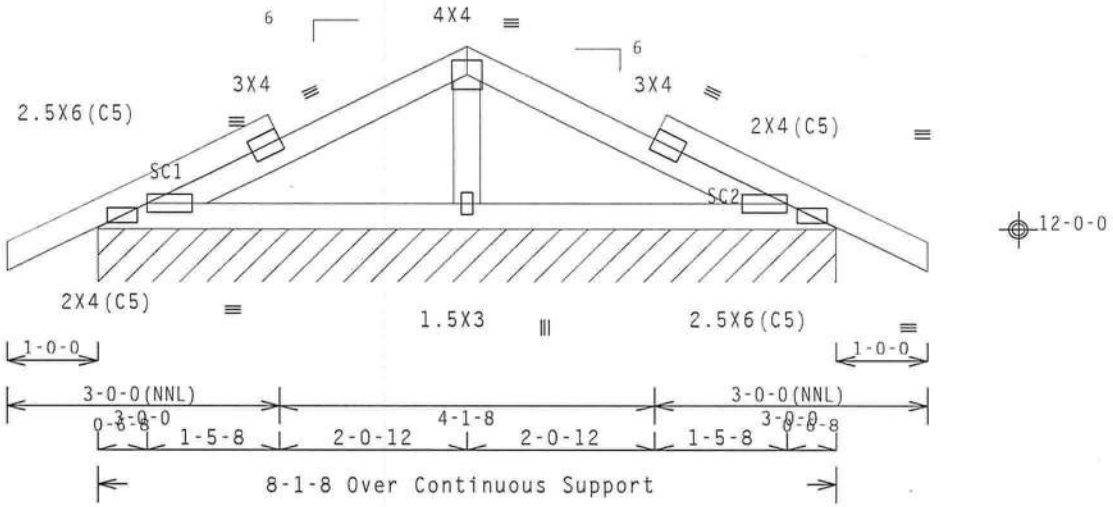
Wind loads and reactions based on MWFRS with additional C&C member design.

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

In lieu of structural panels use purlins to brace 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 PLB U=4 PLF W=8-1-8

RL=5/-5 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.

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

10/29/2012

TC LL	20.0 PSF	REF	R9114- 48502
TC DL	7.0 PSF	DATE	10/26/12
BC DL	10.0 PSF	DRW	HCUSR9114 12300023
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	27551
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UQ09114Z01

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

(12-312A--BRYAN ZECHER Cataldo Residence 1225F -- Lake City, FL - HJ9 12'8"12 Hip Jack Girder)

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.

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

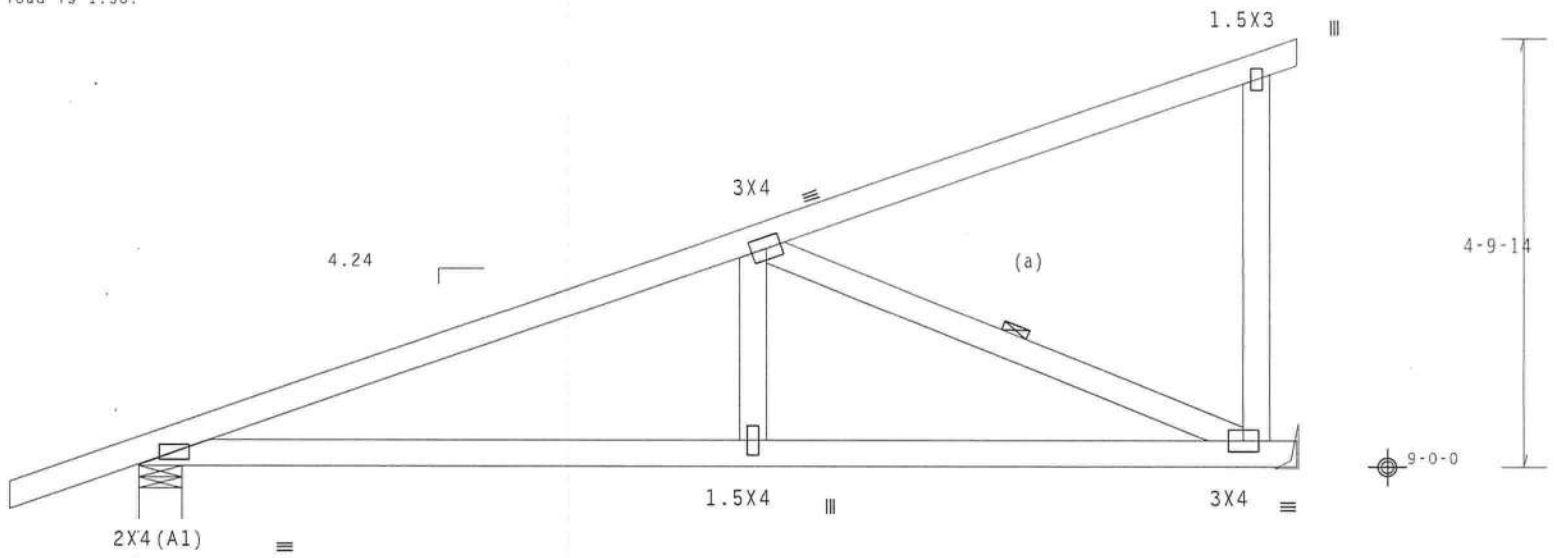
Wind loads and reactions based on MWFRS with additional C&C member design.

(a) Continuous lateral bracing equally spaced on member.

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

Special loads
------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 0 plf at -1.41 to 55 plf at 0.00
TC- From 2 plf at 0.00 to 2 plf at 12.73
BC- From 0 plf at -1.41 to 4 plf at 0.00
BC- From 2 plf at 0.00 to 2 plf at 12.73
TC- -7.16 lb Conc. Load at 1.48
TC- 128.42 lb Conc. Load at 4.31
TC- 237.89 lb Conc. Load at 7.13
TC- 342.37 lb Conc. Load at 9.96
BC- 22.89 lb Conc. Load at 1.48
BC- 102.71 lb Conc. Load at 4.31
BC- 179.12 lb Conc. Load at 7.13
BC- 254.64 lb Conc. Load at 9.96

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



1-5-0

12-8-12 Over 2 Supports

R=555 U=45 W=5.657"

R=799 U=36

Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave

FT/RT=10%(0%)/0(0) 10.03.11.0209.20 QTY:3 FL/-/4/-/-/R/- 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

10/29/2012

TC LL	20.0 PSF	REF R9114- 48503
TC DL	7.0 PSF	DATE 10/26/12
BC DL	10.0 PSF	DRW HCUSR9114 12300024
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	37.0 PSF	SEQN- 27538
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1UQ09114Z01

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

(12-312A--BRYAN ZECHER Cataldo Residence 1225F -- Lake City, FL - HJ7 9'10"13 Hip Jack Girder)

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.

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.

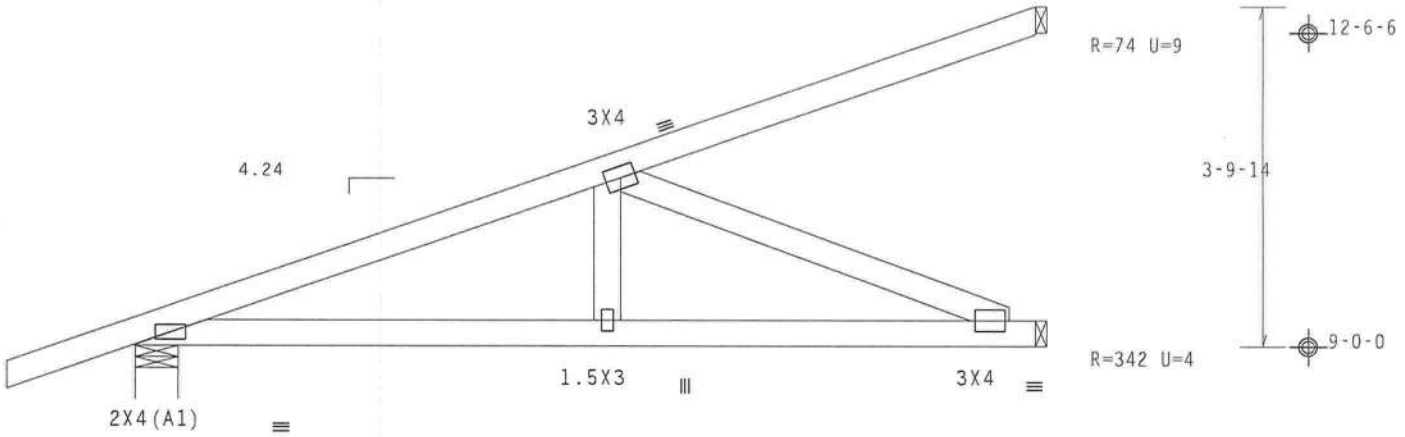
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Special loads

------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)

TC- From 0 plf at -1.41 to 55 plf at 0.00
TC- From 2 plf at 0.00 to 2 plf at 9.90
BC- From 0 plf at -1.41 to 4 plf at 0.00
BC- From 2 plf at 0.00 to 2 plf at 9.90
TC- -7.16 lb Conc. Load at 1.48
TC- 128.42 lb Conc. Load at 4.31
TC- 237.89 lb Conc. Load at 7.13
BC- 22.89 lb Conc. Load at 1.48
BC- 102.71 lb Conc. Load at 4.31
BC- 179.12 lb Conc. Load at 7.13

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



1-5-0

9-10-13 Over 3 Supports

R=329 U=33 W=5.657"

Design Crit: FBC2010Res/TPI-2007(STD) 10.03.11.0209.20 TOT: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 #0278

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

10/29/2012

TC LL	20.0 PSF	REF	R9114- 48504
TC DL	7.0 PSF	DATE	10/26/12
BC DL	10.0 PSF	DRW	HCUSR9114 12300025
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	27539
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UQ09114Z01

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

(12-312A--BRYAN ZECHER - Cataldo Residence 1225F -- Lake City, FL - H9AT 49'6" Stepdown Hip Girder)

Top chord 2x4 SP_#1_12A
Bot chord 2x4 SP_#1_12A :B2 2x6 SP_#1_Dense_12A:
Webs 2x4 SP_#3__12A :W7, W11 2x4 SP_#1_12A:

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

Special loads
------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 56 plf at -1.00 to 56 plf at 9.00
TC- From 28 plf at 9.00 to 28 plf at 25.00
TC- From 28 plf at 25.00 to 28 plf at 40.50
TC- From 56 plf at 40.50 to 56 plf at 50.50
BC- From 4 plf at -1.00 to 4 plf at 0.00
BC- From 20 plf at 0.00 to 20 plf at 9.03
BC- From 10 plf at 9.03 to 10 plf at 12.00
BC- From 10 plf at 12.00 to 10 plf at 26.25
BC- From 10 plf at 26.25 to 10 plf at 38.25
BC- From 10 plf at 38.25 to 10 plf at 40.47
BC- From 20 plf at 40.47 to 20 plf at 49.50
BC- From 4 plf at 49.50 to 4 plf at 50.50
TC- 86.78 lb Conc. Load at 9.06,11.06,26.44,28.44,30.44,32.44,34.44,36.44,38.44,40.44
TC- 77.19 lb Conc. Load at 13.06,15.06,17.06,19.06,21.06,23.06,24.75
BC- 1042.24 lb Conc. Load at 9.03,40.47
BC- 243.67 lb Conc. Load at 11.06,26.44,28.44,30.44,32.44,34.44,36.44,38.44
BC- 270.21 lb Conc. Load at 13.06,15.06,17.06,19.06,21.06,23.06,24.75

2 COMPLETE TRUSSES REQUIRED

Nail Schedule:0.131"x3" 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.

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.

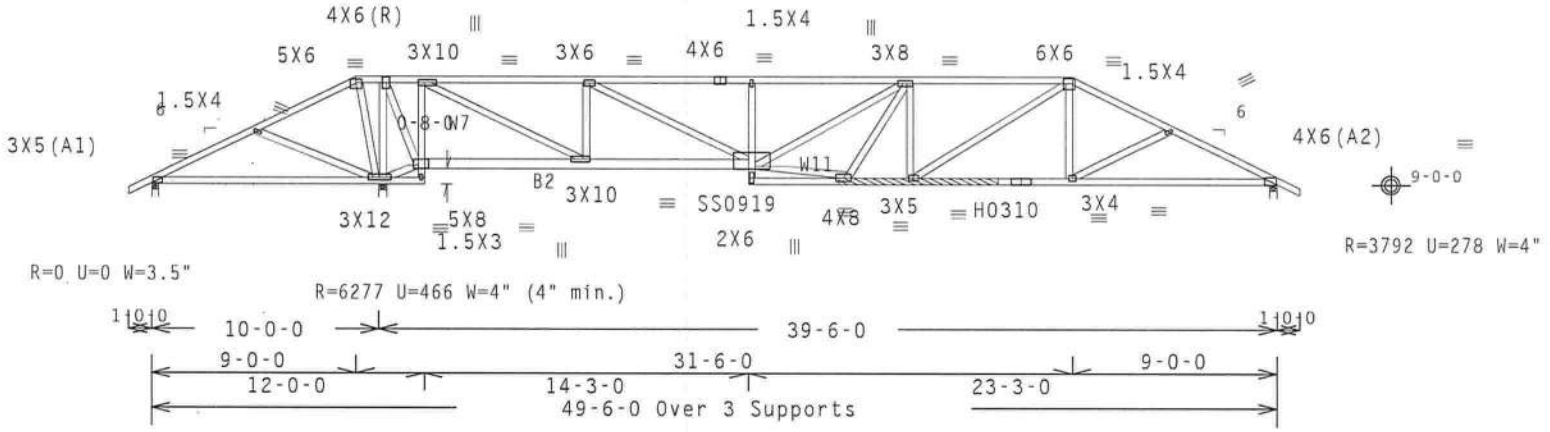
Roof overhang supports 2.00 psf soffit load.

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.

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

(1) 2x4X7-0-0 SP_#1_12A Bottom chord scab centered 33-8-11 from left end. Attach to one face of chord with (2) rows of 0.131"x3" nails @ 6" O.C., staggered 3".



PLT TYP. 20 Gauge HS,18 Gauge HS, Wave Design Crit: FBC2010Res/TPI-2007(STD) FT/RT=10%(0%)/0(0) 2.00.00.0810.15 QTY:1 FL/-/4/-/-/R/- 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
10/29/2012

TC LL	20.0 PSF	REF R9114- 48505
TC DL	7.0 PSF	DATE 10/29/12
BC DL	10.0 PSF	DRW HCUSR9114 12303001
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	37.0 PSF	SEQN- 2109 REV
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1UQ09114Z01

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

(12-312A--BRYAN ZECHER Cataldo Residence 1225F -- Lake City, FL - B 22'8" Special)

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.

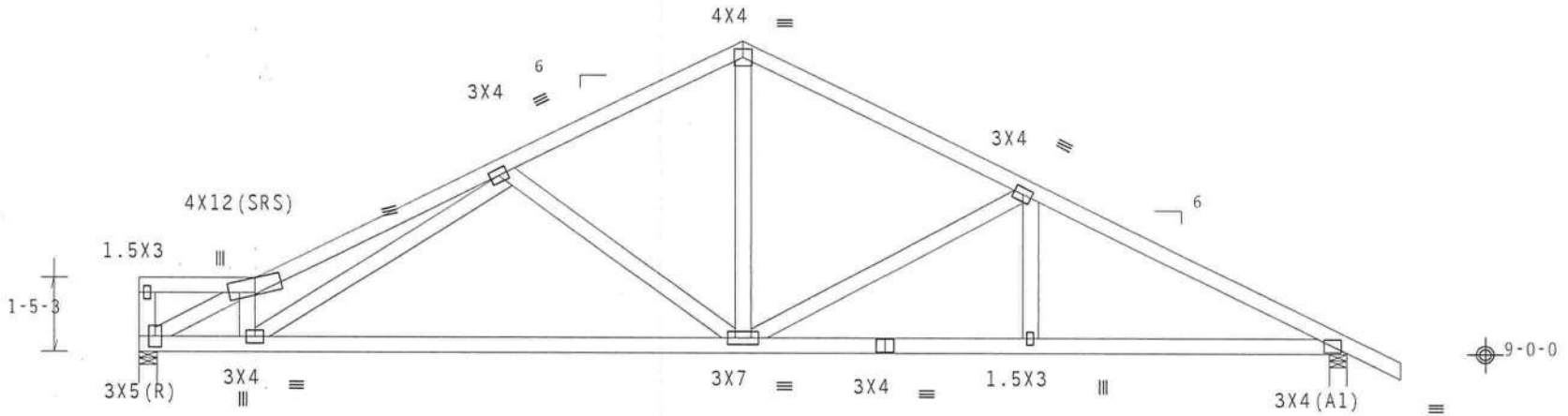
MWFRS loads based on trusses located at least 15.00 ft. from roof edge.

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

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) 0.03.11.0209.20 0.Y:1 FL/-/4/-/-/R/-

PLT TYP. Wave FT/RT=10%(0%)/0(0) Scale =.3125"/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.

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

10/29/2012

TC LL	20.0 PSF	REF R9114- 48506
TC DL	7.0 PSF	DATE 10/26/12
BC DL	10.0 PSF	DRW HCUSR9114 12300026
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	37.0 PSF	SEQN- 27522
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1UQ09114Z01

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

(12-312A--BRYAN ZECHER Cataldo Residence 1225F -- Lake City, FL - B3 22'8" Special)

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.

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

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, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

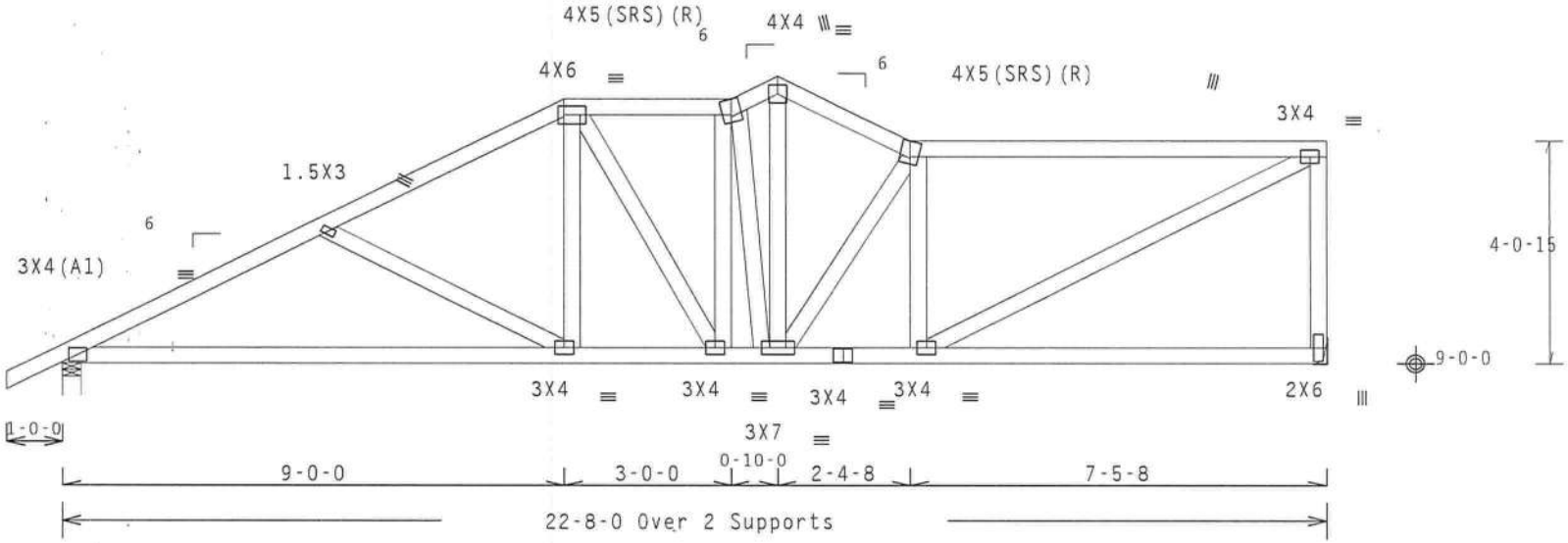
Wind loads and reactions based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Hanger specified assumes connection to supporting chord is located a minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating coverage.

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

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



R=925 U=0 W=4"

RL=63/-40

R=850 U=11 H=Simpson LUS24

Supported Member Face: (2)

Supporting Member Face: (4)

Supporting Member : (1) 2x4 SP_#2_12A

PLT TYP. Wave

Design Crit: FBC2010Res/TPI-2007(STD) 10.03.11.0209.20 TOT:1 FL/-/4/-/-/R/- Scale =.3125"/ft.

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

10/29/2012

TC LL	20.0 PSF	REF	R9114- 48507
TC DL	7.0 PSF	DATE	10/26/12
BC DL	10.0 PSF	DRW	HCUSR9114 12300027
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	27523
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UQ09114Z01

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

(12-312A--BRYAN ZECHER Cataldo Residence 1225F -- Lake City, FL - B2 22'8" Special)

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.

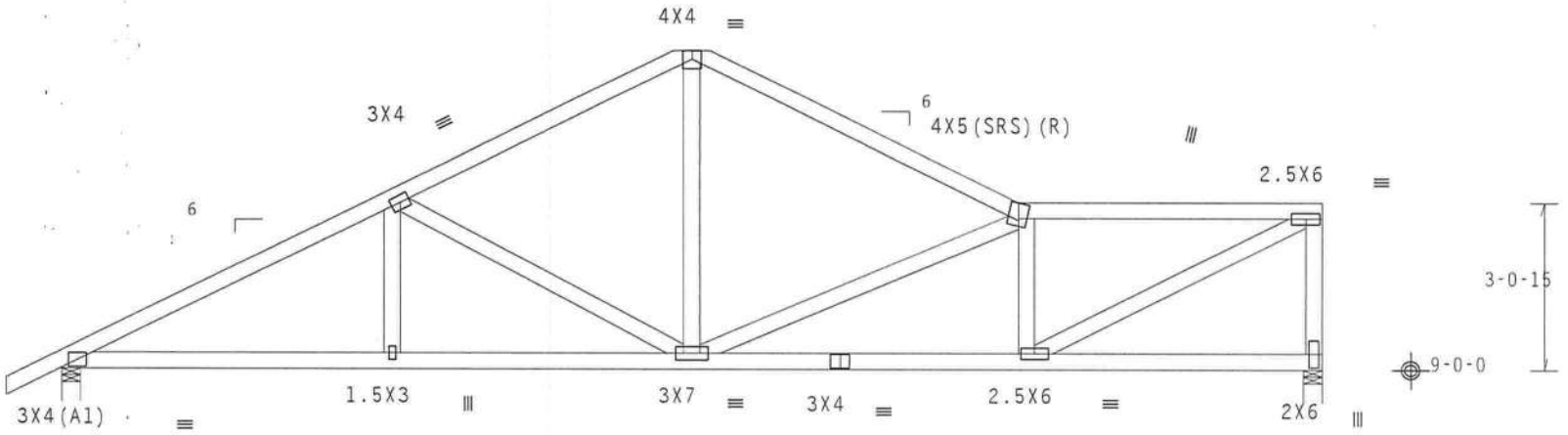
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

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.

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



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

PLT TYP. Wave

Scale =.3125"/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

10/29/2012

TC LL	20.0 PSF	REF R9114- 48508
TC DL	7.0 PSF	DATE 10/26/12
BC DL	10.0 PSF	DRW HCUSR9114 12300028
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	37.0 PSF	SEQN- 27524
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1UQ09114Z01

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

(12-312A--BRYAN ZECHER Cataldo Residence 1225F -- Lake City, FL - B1 22'8" Special)

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.

Left end vertical not exposed to wind pressure.

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

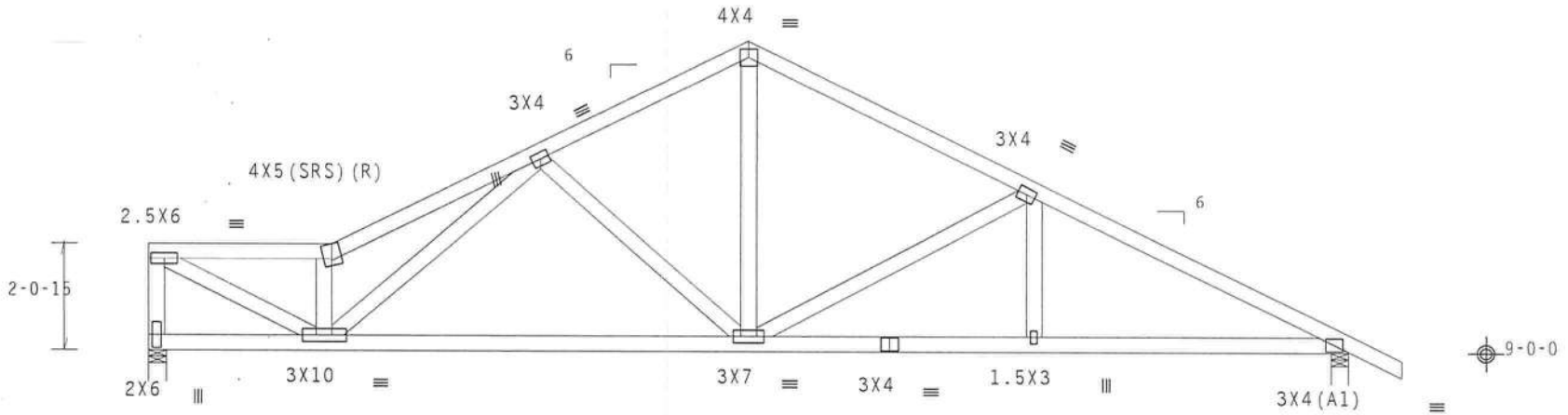
MWFRS loads based on trusses located at least 15.00 ft. from roof edge.

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

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 =.3125"/Ft.

ALPINE

Building Components Group Inc.

Haines City, FL 33844

FL COA #0278

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

10/29/2012

TC LL	20.0 PSF	REF	R9114- 48509
TC DL	7.0 PSF	DATE	10/26/12
BC DL	10.0 PSF	DRW	HCUSR9114 12300029
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	27525
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UQ09114Z01

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

(12-312A--BRYAN ZECHER Cataldo Residence 1225F -- Lake City, FL - MG 9'5"8 Mono Girder)

Top chord 2x4 SP_#1_12A
Bot chord 2x6 SP_#2_12A
Webs 2x4 SP_#3__12A

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.

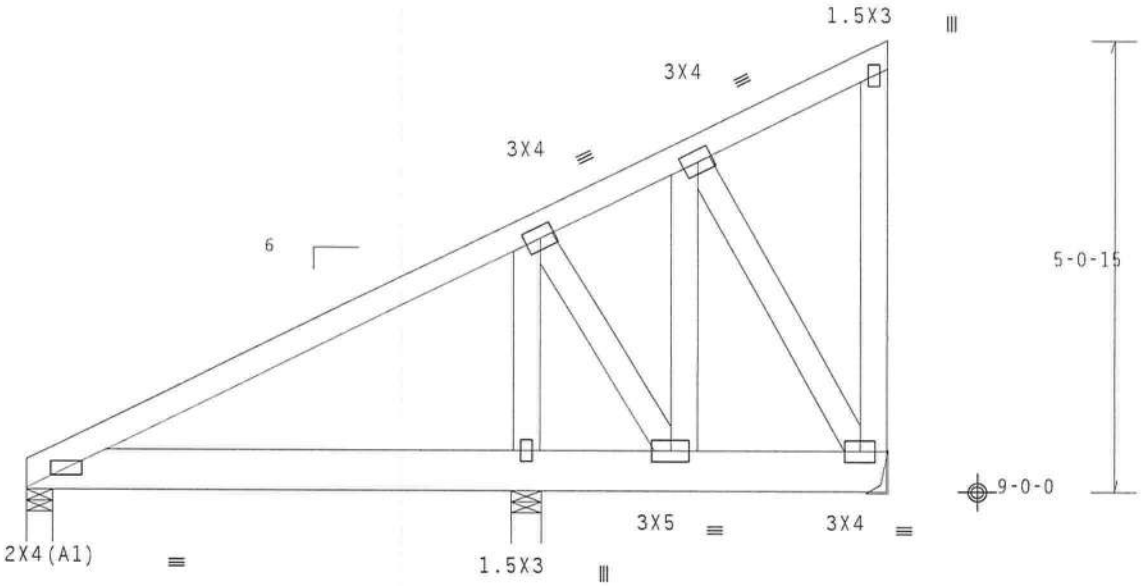
Bottom chord checked for 10.00 psf non-concurrent live load.

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

Special loads
------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 56 plf at 0.00 to 56 plf at 9.46
BC- From 20 plf at 0.00 to 20 plf at 9.46
BC- 850.12 lb Conc. Load at 7.52

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

Right end vertical not exposed to wind pressure.



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 =.5"/Ft.

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

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

10/29/2012

TC LL	20.0 PSF	REF R9114- 48510
TC DL	7.0 PSF	DATE 10/26/12
BC DL	10.0 PSF	DRW HCUSR9114 12300030
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	37.0 PSF	SEQN- 27547
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1UQ09114Z01

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

(12-312A--BRYAN ZECHER Cataldo Residence 1225F -- Lake City, FL - M1 9'5"8 Mono)

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.

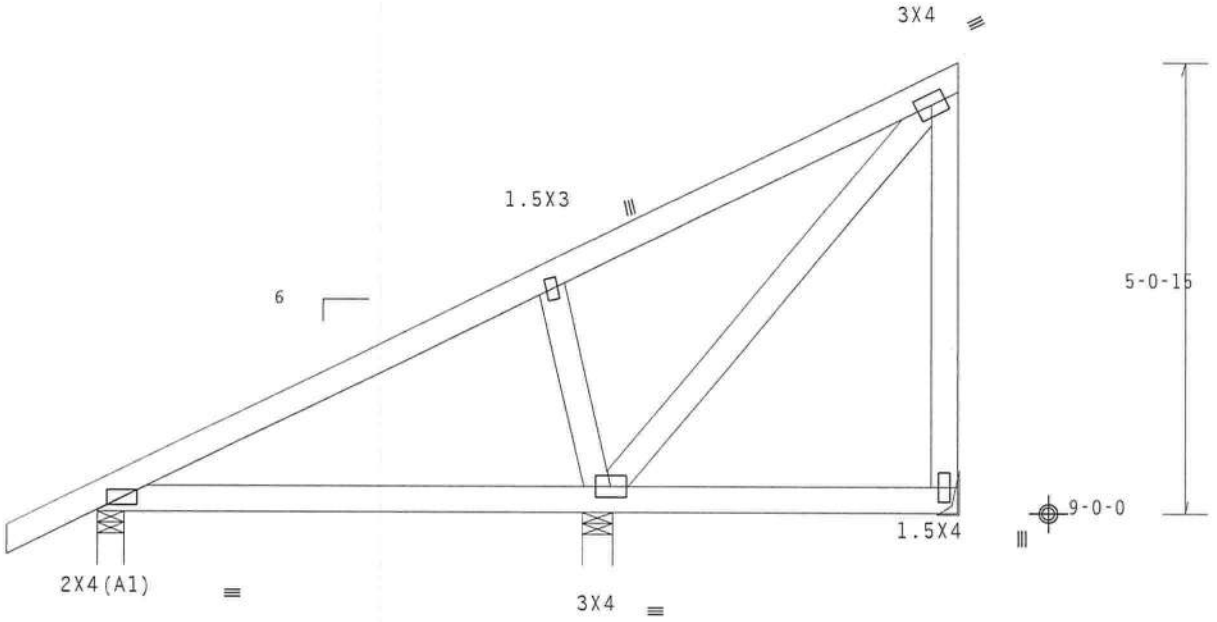
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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

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

Right end vertical not exposed to wind pressure.

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



Design Crit: FBC2010Res/TPI-2007(STD) 10.03.11.0209.20 FT/RT=10%(0%)/0(0) 201 :1

PLT TYP. Wave

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

Scale =.5"/Ft.

ALPINE

Building Components Group Inc.

Haines City, FL 33844
FL COA #0278

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

10/29/2012

TC LL	20.0 PSF	REF	R9114- 48511
TC DL	7.0 PSF	DATE	10/26/12
BC DL	10.0 PSF	DRW	HCUSR9114 12300031
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	27526
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UQ09114Z01

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

(12-312A--BRYAN ZECHER Cataldo Residence 1225F -- Lake City, FL - M 9'5"8 Mono)

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.

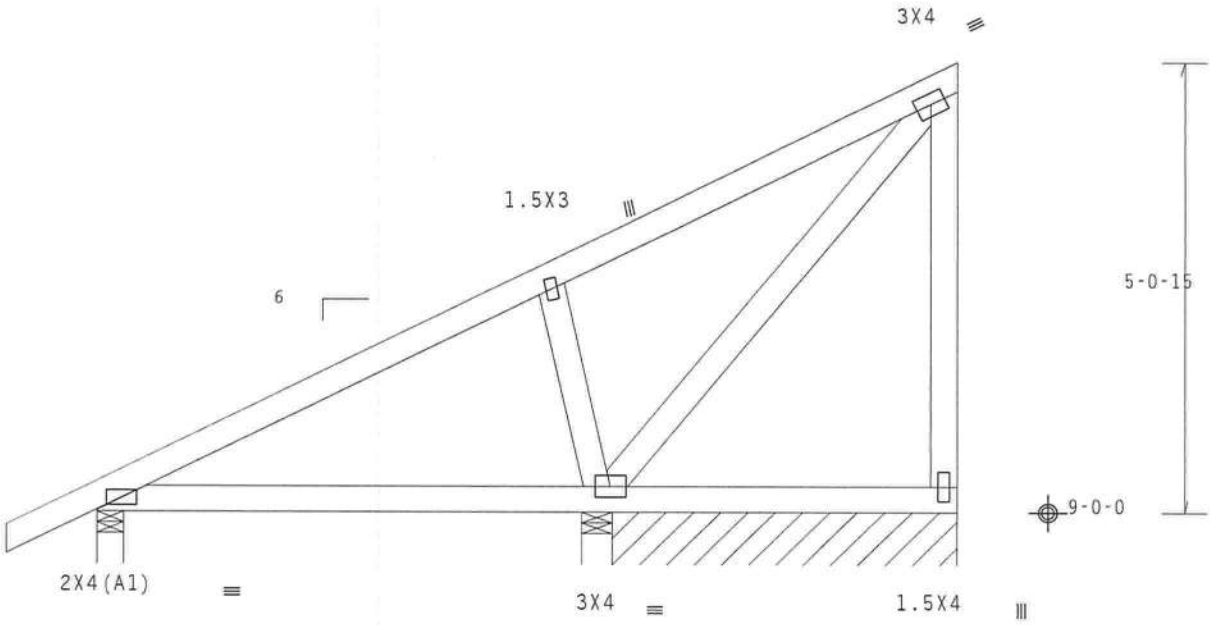
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

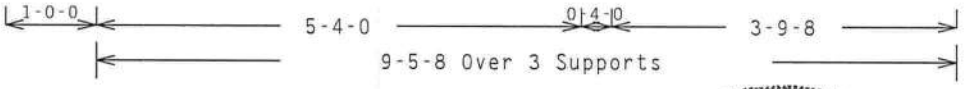
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

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

Right end vertical not exposed to wind pressure.

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





R=277 U=0 W=3.5"

RL=57/-27

R=392 U=0

R=32 PLF U=1

Design Crit: FBC2010Res/TPI-2007(STD)

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

10.03.11.0209.20

QTY:1

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

Scale =.5"/Ft.

PLT TYP. Wave

ALPINE

Building Components Group Inc.

Haines City, FL 33844

FL COA #0 278

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10/29/2012

TC LL	20.0 PSF	REF	R9114- 48512
TC DL	7.0 PSF	DATE	10/26/12
BC DL	10.0 PSF	DRW	HCUSR9114 12300032
BC LL	0.0 PSF		HC-ENG WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	27527
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UQ09114Z01

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

(12-312A--BRYAN ZECHER Cataldo Residence 1225F -- Lake City, FL - AT1 40'6" Stepdown Hip)

Top chord 2x4 SP_#1_12A
Bot chord 2x4 SP_#1_12A
Webs 2x4 SP_#3__12A :W2 2x4 SP_#1_12A:

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

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

(b) #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.

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

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

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

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

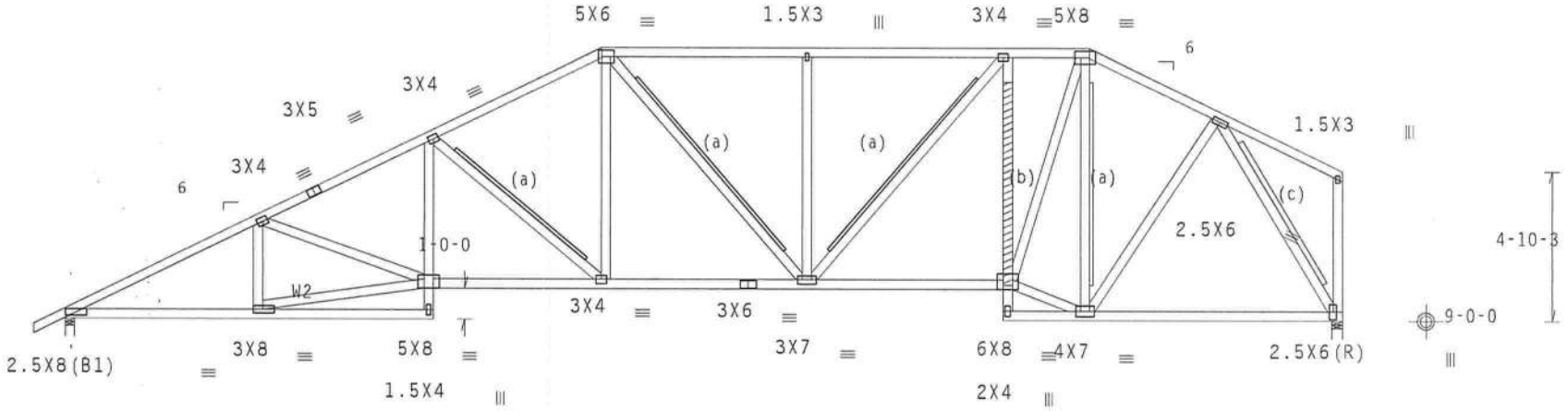
Right end vertical not exposed to wind pressure.

(c) 2x6 #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" OC.

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

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

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



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

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 web shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design, 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
10/29/2012

TC LL	20.0 PSF	REF	R9114- 48513
TC DL	7.0 PSF	DATE	10/26/12
BC DL	10.0 PSF	DRW	HCUSR9114 12300033
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	27528
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UQ09114Z01