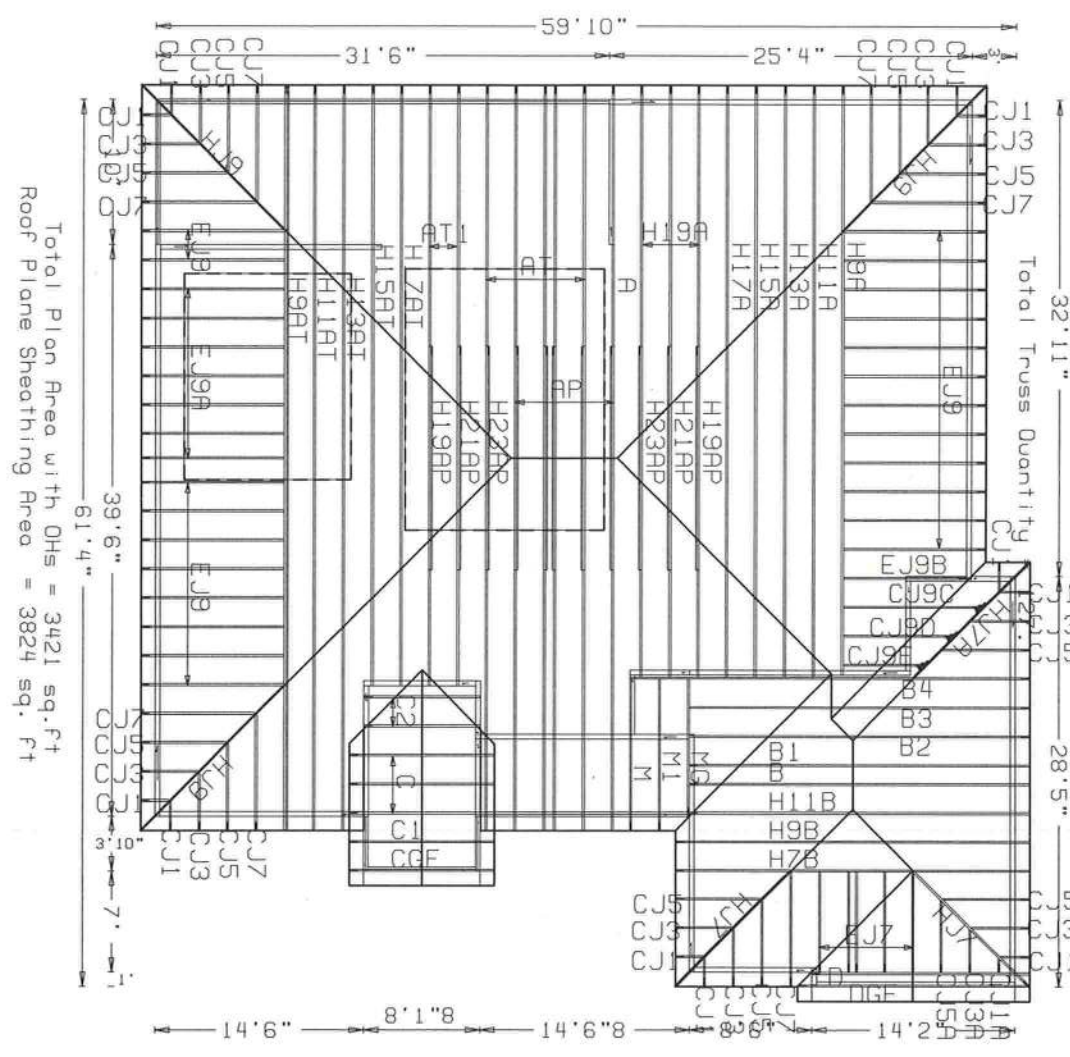


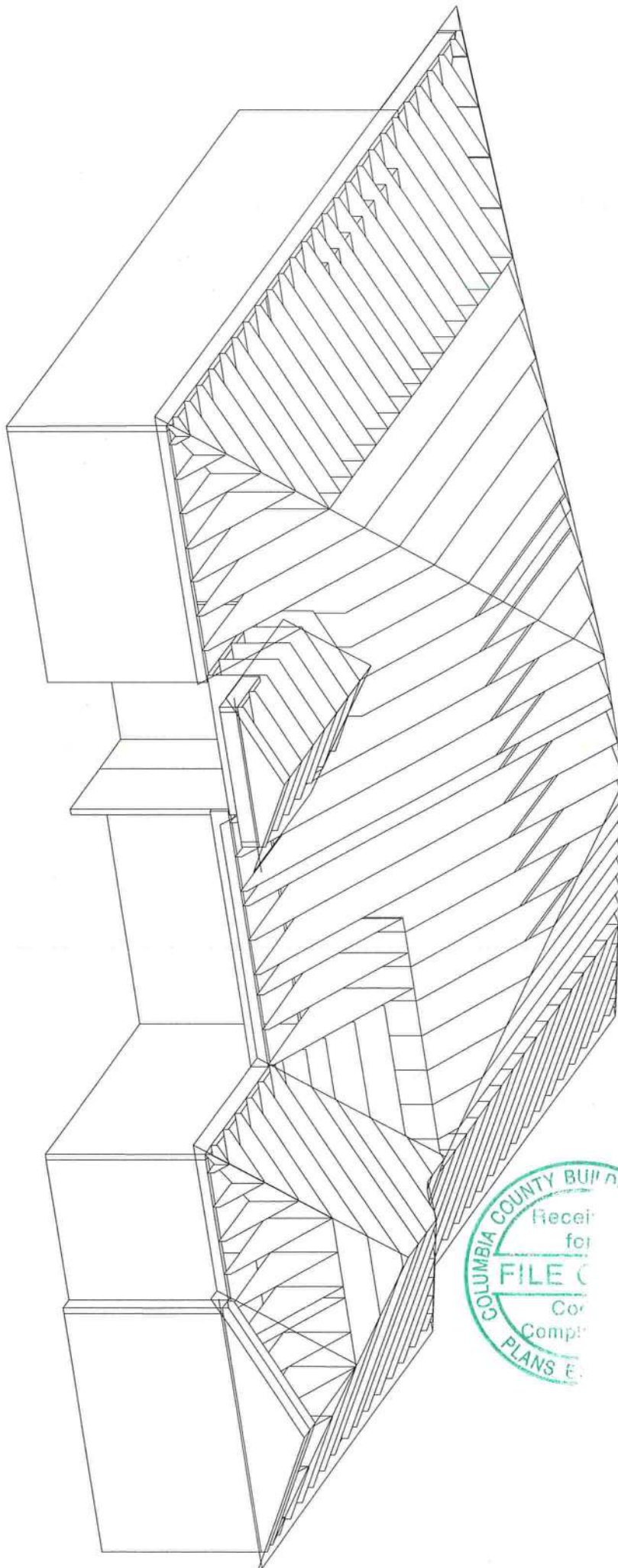
5

Cataldo Residence Lake City, FL



Total Plan Area with OHs = 3421 sq.ft
Roof Plane Sheathing Area = 3824 sq. ft





ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 0 278
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID:1UQO9114Z0129090809



Truss Fabricator: Anderson Truss Company
Job Identification: 12-312A--BRYAN ZECHER Cataldo Residence 1225F -- Lake City, FL
Truss Count: 52
Model Code: Florida Building Code 2010
Truss Criteria: FBC2010Res/TPI-2007(STD)
Engineering Software: Alpine Software, Versions 10.03, 12.02.
Structural Engineer of Record: The identity of the structural EOR did not exist as of the seal date per section 61G15-31.003(5a) of the FAC
Address:
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: HCUSR9114

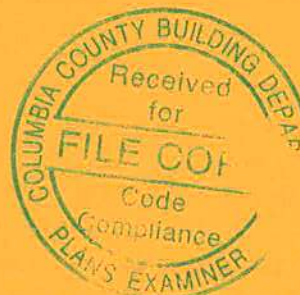
William H. Krick
-Truss Design Engineer-

1950 Marley Drive
Haines City, FL 33844

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

#	Ref	Description	Drawing#	Date
1	48479-H17A	39'11" Spec	12300001	10/26/12
2	48480-H15A	39'11" Spec	12300002	10/26/12
3	48481-H13A	39'11" Spec	12300049	10/26/12
4	48482-H11A	39'11" Spec	12300003	10/26/12
5	48483-H17AT	40'6" Spec	12300004	10/26/12
6	48484-H15AT	40'6" Spec	12300005	10/26/12
7	48485-H13AT	49'6" Step	12300006	10/26/12
8	48486-H11AT	49'6" Step	12300007	10/26/12
9	48487--CJ1	1' Jack	12300008	10/26/12
10	48488--CJ3	3' Jack	12300009	10/26/12
11	48489--CJ5	5' Jack	12300010	10/26/12
12	48490--CJ7	7' Jack	12300011	10/26/12
13	48491-EJ9A	9' End Jack	12300012	10/26/12
14	48492--EJ9	9' End Jack	12300013	10/26/12
15	48493-H11B	22'8" Speci	12300014	10/26/12
16	48494-H9B	22'8" Stepdo	12300015	10/26/12
17	48495--EJ7	7' End Jack	12300016	10/26/12
18	48496--CJ1A	1' Jack	12300017	10/26/12
19	48497--CJ3A	3' Jack	12300018	10/26/12
20	48498--CJ5A	5' Jack	12300019	10/26/12
21	48499--C2	8'1"8 Common	12300020	10/26/12
22	48500--C	8'1"8 Common	12300021	10/26/12
23	48501--C1	8'1"8 Common	12300022	10/26/12
24	48502-CGE	8'1"8 Common	12300023	10/26/12
25	48503-HJ9	12'8"12 Hip	12300024	10/26/12
26	48504-HJ7	9'10"13 Hip	12300025	10/26/12
27	48505-H9AT	49'6" Stepd	12303001	10/29/12
28	48506--B	22'8" Special	12300026	10/26/12
29	48507-B3	22'8" Special	12300027	10/26/12
30	48508-B2	22'8" Special	12300028	10/26/12
31	48509-B1	22'8" Special	12300029	10/26/12
32	48510-MG	9'5"8 Mono Gi	12300030	10/26/12
33	48511--M1	9'5"8 Mono	12300031	10/26/12
34	48512--M	9'5"8 Mono	12300032	10/26/12
35	48513-AT1	40'6" Stepdo	12300033	10/26/12
36	48514-AT	49'6" Stepdow	12300034	10/26/12

#	Ref	Description	Drawing#	Date
37	48515-H19A	39'11" Step	12300035	10/26/12
38	48516-A	49'6" Stepdown	12300036	10/26/12
39	48517-AP	15'5"14 Commo	12300037	10/26/12
40	48518-H23AP	15'5"14 St	12300038	10/26/12
41	48519-H21AP	15'5"14 St	12300039	10/26/12
42	48520-H19AP	15'5"14 St	12300040	10/26/12
43	48521-DGE	14'2" Gable	12300041	10/26/12
44	48522-H9A	39'9" Specia	12300042	10/26/12
45	48523-HJ7A	9'10"13 Hip	12300043	10/26/12
46	48524-B4	26'10" Specia	12300044	10/26/12
47	48525-EJ9B	9' End Jack	12300045	10/26/12
48	48526-CJ9C	9'8"7 End J	12300046	10/26/12
49	48527-CJ9D	7'8"7 End J	12300047	10/26/12
50	48528-CJ9E	5'8"7 End J	12300048	10/26/12
51	48529-D	14'2" Common G	12300050	10/26/12
52	48530-H7B	22'8" Stepdo	12300051	10/26/12



ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Page 1 of 1 Document ID:1UQO9114Z0129090809

Truss Fabricator: Anderson Truss Company
Job Identification: 12-312A--BRYAN ZECHER Cataldo Residence 1225F -- Lake City, FL
Truss Count: 3
Model Code: Florida Building Code 2010
Truss Criteria: FBC2010Res/TPI-2007(STD)
Engineering Software: Alpine Software, Versions 10.03, 12.02.
Structural Engineer of Record:
Address:
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: HCUSR9114

-Truss Design Engineer-
William H. Krick

1950 Marley Drive
Haines City, FL 33844

Revised Trusses

#	Ref	Description	Drawing#	Date
1	48505-H9AT	49'6" Stepd	12303001	10/29/12
2	48529-D	14'2" Common G	12300050	10/26/12
3	48530-H7B	22'8" Stepdo	12300051	10/26/12

ALPINE

(12-312A--BRYAN ZECHER Cataldo Residence 1225F -- Lake City, FL - H17A 39'11" 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.

Right cantilever is exposed to wind

(a) Continuous lateral bracing equally spaced on member.

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.

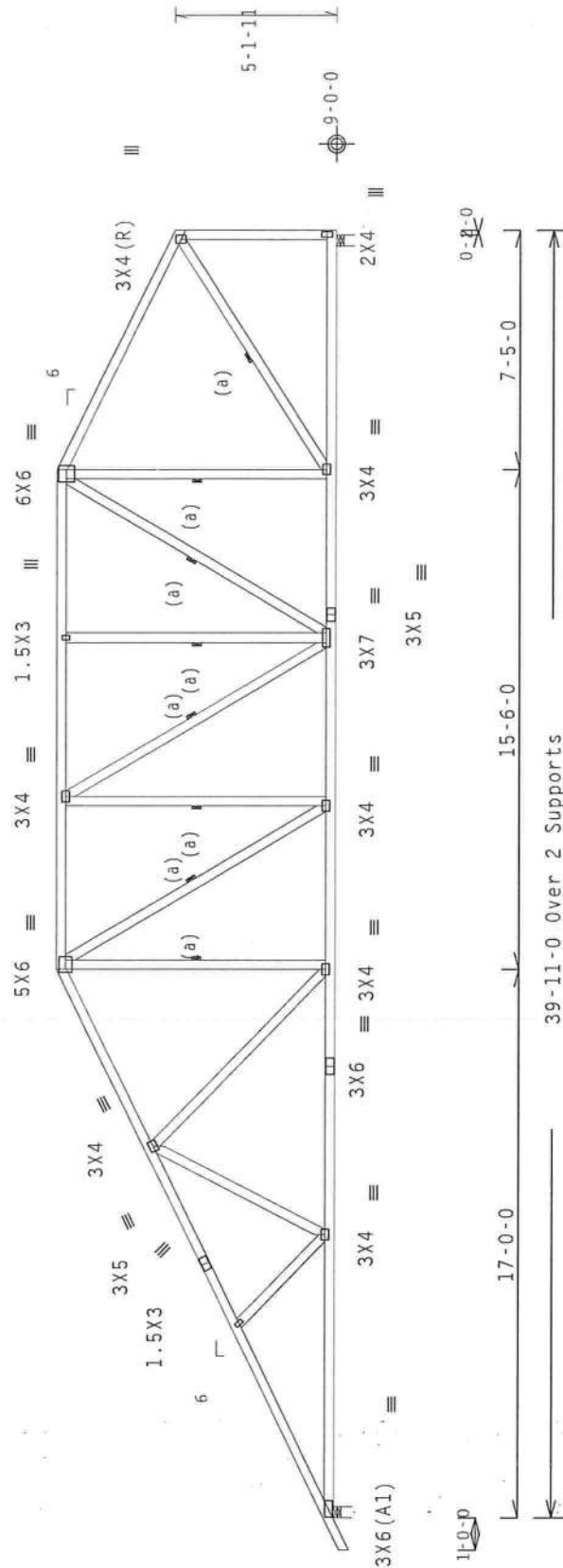
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf, GCPI(+/-)=0.18

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

Right end vertical not exposed to wind pressure.

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

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



R=1564 U=0 W=4"

RL=116/-89

39'-11-0 Over 2 Supports

R=1516 U=0 W=4"

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

PLT TYP. Wave

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET

Scale = .1875" / Ft.

REF R9114- 48479

TC LL	20.0 PSF	FL / - / 4 / - / - / R / -
TC DL	7.0 PSF	DATE 10/26/12
BC DL	10.0 PSF	DRW HCUSR9114 12300001
BC LL	0.0 PSF	HC-ENG WHK / WHK
TOT. LD.	37.0 PSF	SEON- 27491
DUR. FAC.	1.25	
SPACING	24.0"	JREF- 1U009114Z01



Alpine
Haines City, FL 33844
FL COA #0 278

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

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

Right cantilever is exposed to wind

(a) Continuous lateral bracing equally spaced on member.

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

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

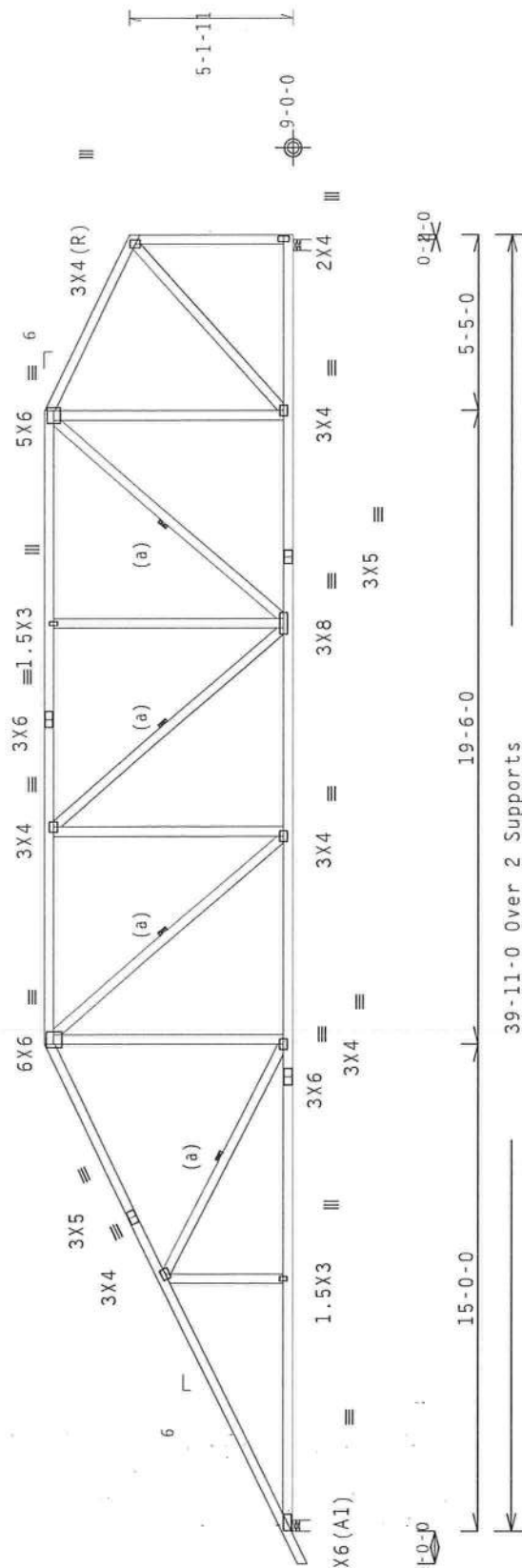
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP 8, wind TC DL=3.5 psf, wind BC DL=5.0 psf, GCPI (+/-)=0.18

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

Right end vertical not exposed to wind pressure.

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

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



R=1564 U=0 W=4"

 $RL=100/-74$ Design Crit: FBC2010Res/TPI-2007(STD)
FT/RT=10%(0%)/0(0)

Scale = .1875" / Ft.

PLT TYP. Wave

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

*****IMPORTANT***** FURNISH THIS DESIGN TO ALL CONTRACTORS SHIPPING, INSTALLING AND BRACING. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of NEEL (Building Component Safety Information, by TPI and WCA) and the manufacturer's instructions pertaining to trusses. Install trusses in strict compliance with the manufacturer's instructions. Trusses shall be braced in accordance with the manufacturer's instructions. Trusses shall have a properly attached rigid ceiling. Locations shown for permanent lateral bracing of trusses shall have bracing installed per NEEL sections B3, B4 or B10, as applicable.

The Building Components Group Inc. (1986E) shall not be responsible for any deviation from the design shown on drawings or specifications, or for any failure to build the truss in conformance with ASD/TPI 1, or for handling, shipping, installation, bracing of trusses. Apply plates to each end of truss and position as shown above and on the job site details, unless instructed otherwise. Refer to drawings 100A-7 for standard plate positions. A seal on drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the building designer per ASD/TPI 1 Sec.2. For more information see: This Job's Specifications, the Building Code, and the following references:
TPI; www.tpi.org; WACED.com; TBCI; www.tbci.com; WDC; www.wdcindustries.com;
CEC; www.cesd.ca; and
www.155kpa.com

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10/29/2012

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Journal compilation © 2007 Blackwell Publishing Ltd

(12-312A--BRYAN ZECHER Cataldo Residence 1225F -- Lake City, FL - H11A 39'11" 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.

Right cantilever is exposed to wind

(a) Continuous lateral bracing equally spaced on member.

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

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

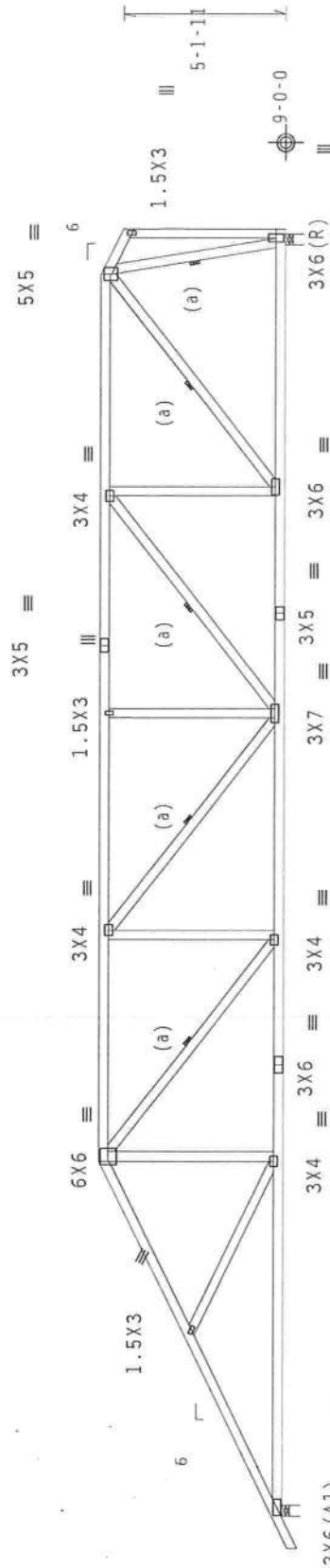
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf, GCPI(+/-)=0.18

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

Right end vertical not exposed to wind pressure.

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.

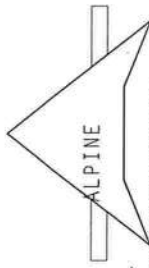


11'-0-0 27'-6-0 1'-5-0
 39'-11-0 Over 2 Supports
 R=1577 U=63 W=4"
 RL=88/-42
 R=1503 U=69 W=4"



Design Crit: FBC2010Res/TPI-2007 (STD)
 FT/RT=10% (0%) / 0 (0)
 Scale = .1875" / Ft.
 REF R9114- 48482
 DATE 10/26/12
 DRW HCUSR9114 12300003
 HC-ENG WHK/WHK
 SEQN- 27494
 JREF- 10009114201

PLT TYP. Wave

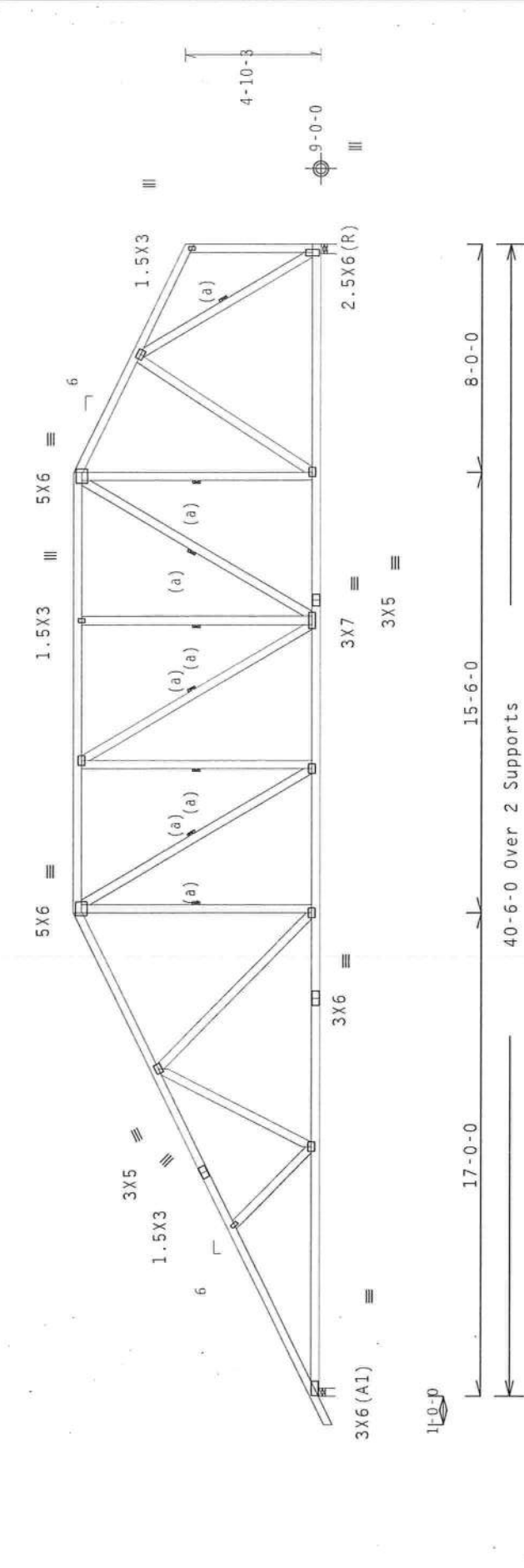


Haines City, FL 33844
 FL COA #0 278

(12-312A--BRYAN ZECHER Cataldo Residence 1225F -- Lake City, FL - H17AT 40'6" 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.
(a) Continuous lateral bracing equally spaced on member.
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 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.
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.



17'-0" 15'-6" 8'-0" 40'-6" Over 2 Supports
R=1599 U=0 W=3.5"
R=1525 U=0 W=4"

PLT TYP. Wave

Note: All Plates Are 3/4 Except As Shown.

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

Scale = .1875" / Ft.

TC LL	20.0 PSF	REF	R9114- 48483
TC DL	7.0 PSF	DATE	10/26/12
BC DL	10.0 PSF	DRW	HCUS89114 12300004
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	27495
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1U009114Z01

10/29/2012

Professional Engineer
No. 70861
STATE OF FLORIDA
WILLIAM H. KRICK
LICENSE NO. 70861
10/03/11-10/29/2012

IMPORTANT: READ AND FOLLOW ALL NOTES ON THIS SHEET
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and AISC) for details and instructions pertaining to these functions. Installers shall provide temporary bracing for the trusses until they are permanently braced. The trusses shall be braced in accordance with the details shown on this drawing. Locations shown for permanent lateral restraint of the trusses shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
TPI Building Components Group Inc. (TIBCO) shall not be responsible for any deviation from the design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the drawing or cover page listing this drawing. Refer to drawings 1004-2 for standard plate positions. A seal of the professional engineer is required on this drawing. The responsibility of the building designer per ANSI/TPI 1, Sec. 2, for the information shown on this drawing is not waived by the use of this drawing. TPI: www.tpi.net; BCSI: www.bcsi.org; AISC: www.aisc.org

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

(12-312A--BRYAN ZECHER Cataldo Residence 1225F -- Lake City, FL - H15AT 40'6" 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.

(a) Continuous lateral bracing equally spaced on member.

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.

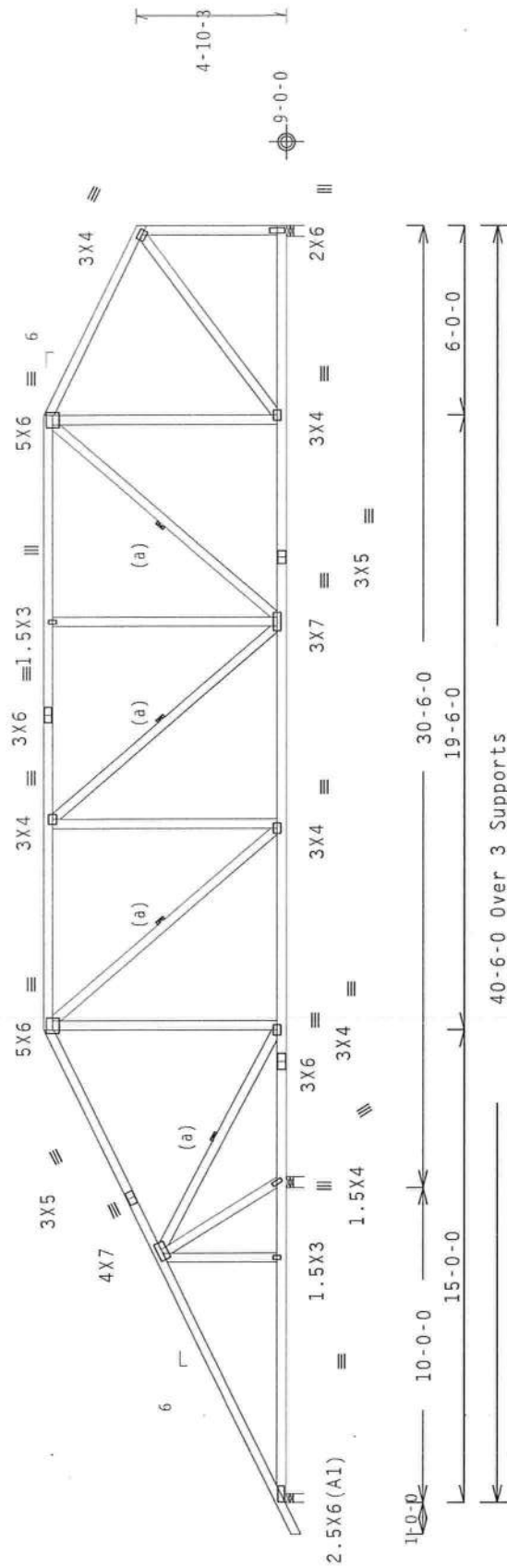
120 mph wind. 15.00 ft mean hgt. ASCE 7-10. CLOSED bldg, not located within 13.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpl (+/-)=0.18

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

Right end vertical not exposed to wind pressure.

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

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



R=541 U=0 W=3.5"

RL=102/-77

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

Scale = .1875"/Ft.

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

11.0209.2011

2003

PCZOLURES / IPT-200 /
FT/RT=10%(0%) / 0(0%)

Design Crit: F

PLT TYP. Wave

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of ANSI (Building Component Safety Information, by SPI and AISC) and the manufacturer's instructions. Trusses shall have properly attached sheathing and bracing. Trusses shall have a properly attached right ceiling. Locations shown for permanent lateral restraint shall have bracing installed per AISC sections B3, B7 or B10, as applicable.

The Building Components Group Inc. (THBCO) shall not be responsible for any deviation from or failure to build the trusses shown in accordance with ANSI/TPI-1 for wall framing, bracing of trusses, applied plates to each face of truss and position as shown above and in details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. A 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 other application is the responsibility of the building designer per ANSI/TPI-1 Sec.2. For more information see the following web sites: www.thbcogroup.com; www.tpi.org; www.walcoindustry.com.

~~ALPINE~~

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

s City, FL 33844
FL COA #0 278

Haine

(12-312A--BRYAN ZECHER Cataldo Residence 1225F -- Lake City, FL - H13AT 49'-6" Steepdown Hip)
 Top chord 2x4 SP #1_12A
 Bot chord 2x4 SP #1_12A
 Webs 2x4 SP #3_12A

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

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

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

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.

Negative reaction(s) of -319# MAX. (See below) from a non-wind load case requires uplift connection.

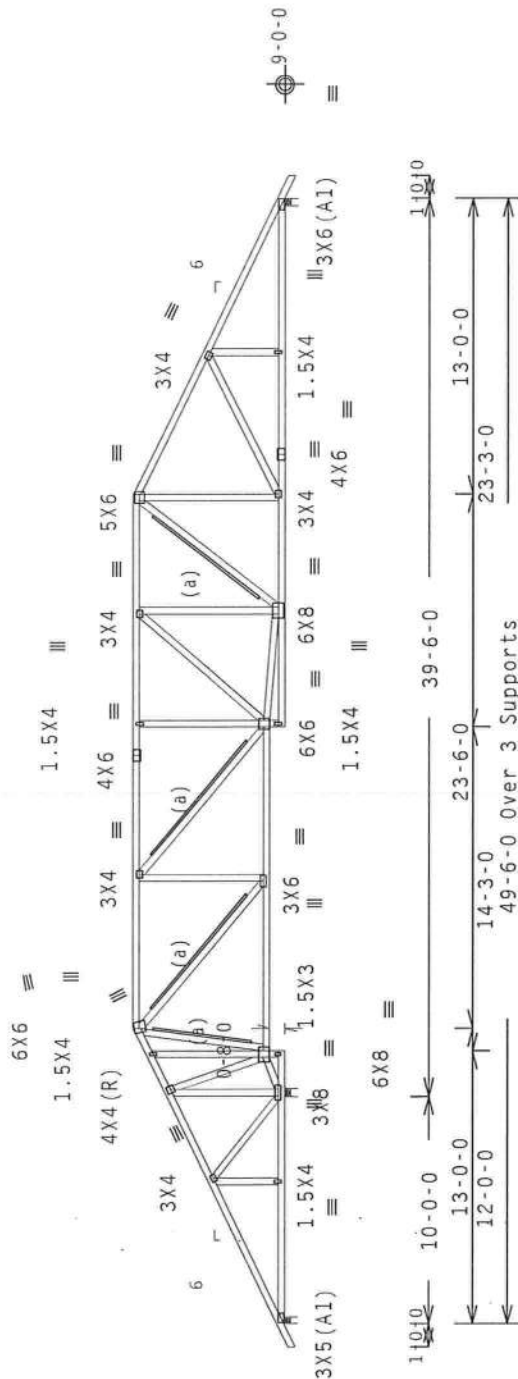
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 13.00 ft from roof edge. RISK CAT II, EXP 8, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCPI(+/-)=0.18

Wind loads and reactions based on MMFRS 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.

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

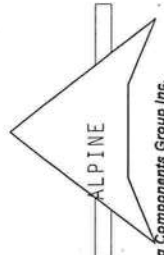


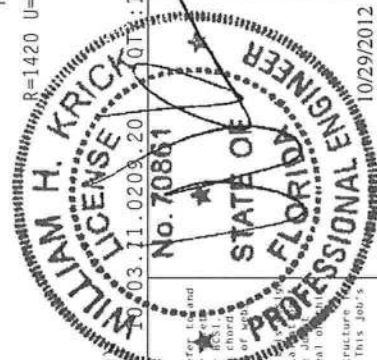
R=179/-320 U=81 W=3.5" R=2538 U=93 W=4" RL=120/-120

PLT TYP. Wave

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

Scale = .125"/Ft.

 Alpine Components Group Inc. Haines City, FL 33844 FL COA #0278	**WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.		**IMPORTANT** Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and MICA) practices prior to performing these functions. Installers shall provide temporary bracing unless noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.		IC LL 20.0 PSF	REF R9114- 48485
	TPI Building Components Group Inc. (110866) shall not be responsible for any deviation from 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 real rules page: http://www.tpicb.com; TPI: www.tpinet.org; MICA: www.bcsiindustry.com; ICC: www.international.org		TC DL 7.0 PSF		DATE 10/26/12	
			BC DL 10.0 PSF		DRW HCUSR9114 12300006	
			BC LL 0.0 PSF		HC-ENG WHK/WHK	
			TOT.LD. 37.0 PSF		SEQN- 27497	
		DUR.FAC. 1.25		SPACING 24.0"		JREF- 1UQ09114Z01



(12-312A--BRYAN ZECHER Cataldo Residence 1225F -- Lake City, FL - H11AT 49'-6" Steepdown Hip)

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

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

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

(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.

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

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.

Negative reaction(s) of -225# MAX. (See below) from a non-wind load case requires uplift connection.

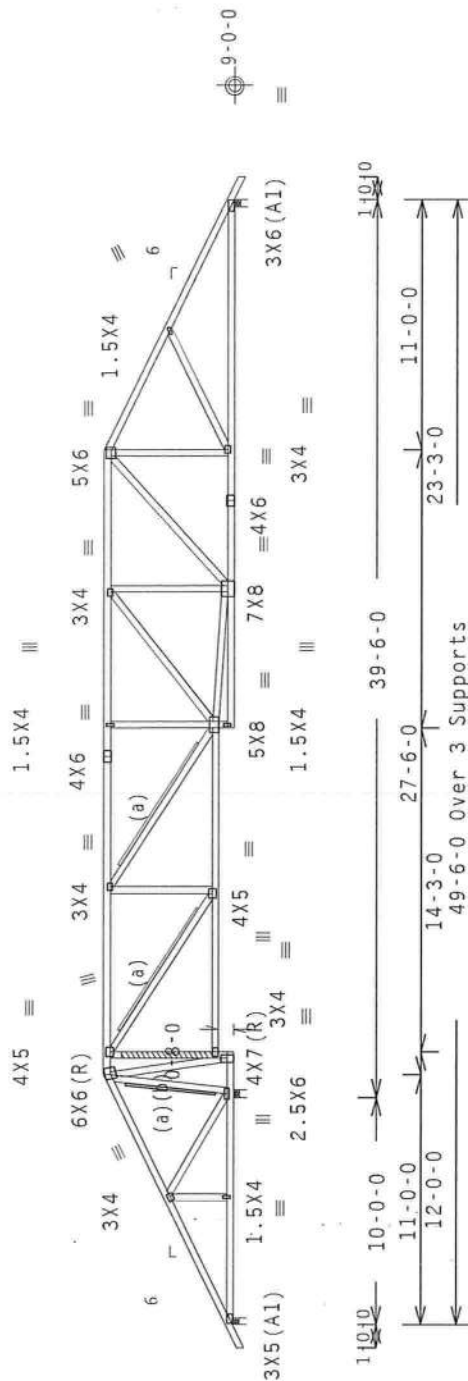
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 6.50 ft from roof edge, RISK CAT II, EXP 8, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCPI (+/-)=0.18

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

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.

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



R=1444 U=68 W=4"

R=239/-225 U=29 W=3.5"
R=2408 U=73 W=4"
RL=104/-104

PLT TYP. Wave

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

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

Scale = .125"/Ft.

ALPINE Building Components Group Inc. Haines City, FL 33844 FL COA #0278	**WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET! **IMPORTANT** FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and WCA) practices prior to performing these functions. Installers shall provide temporary bracing and bracing as noted otherwise. Top chord shall have properly attached structural sheathing and full chord bracing shall be installed per BCSI sections B3, B7 or B10, as applicable. The Building Components Group Inc. (BCSI) shall not be responsible for any deviation from the design or failure to build the truss in accordance with ANSI/TPI 1 for handling, shipping, installation, bracing of trusses. Apply plates to each face of truss and position as shown above and on the details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility/safety for the design shown. The suitability and use of this design for any structural application is the responsibility of the building designer per ANSI/TPI 1 Sec.2.2. For more information see: www.bcsi.org, www.160a2.com, TPI: www.tpiinst.org, WCA: www.wcaindustry.com, ICC: www.iccsafe.org		FLORIDA PROFESSIONAL ENGINEER STATE OF No. 70861 10/29/2012	
	TC LL	20.0 PSF	REF	R9114- 48486
	TC DL	7.0 PSF	DATE	10/26/12
	BC DL	10.0 PSF	DRW	HCUSR9114 12300007
	BC LL	0.0 PSF	HC-ENG	WHK/WHK
10/29/2012	TOT.LD.	37.0 PSF	SEQN-	27498
	DUR.FAC.	1.25		
	SPACING	24.0"	JREF-	1U009114201

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 MMFRS with additional C&C member design.

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

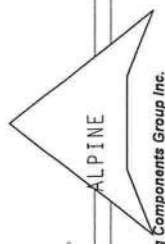


1'-0-0" Over 3 Supports
R=150 U=16 W=3.5"

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

PLT TYP. Wave

Scale = .5"/Ft.

 Building Components Group Inc. Haines City, FL 33844 FL COA #0278	10/29/2012				10/29/2012				
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Top chord 2x4 SP_#1_12A
Bot chord 2x4 SP_#1_12A

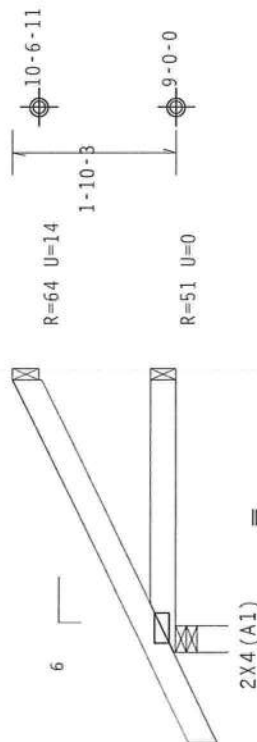
Lumber grades designated with "12A" use design values approved 11/5/2012 by ALSC.

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, GCpl(+/-)=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.



1-0-0
3-0-0 Over 3 Supports

R=193 U=7 W=3 5"

RL=33

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

PLT TYP. Wave

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

Scale = .5"/Ft.

REF R9114- 48488

DATE 10/26/12

URW HCUSR9114 12300009

NAME: _____

END	WIK / WIK
27500	

00617 -N030

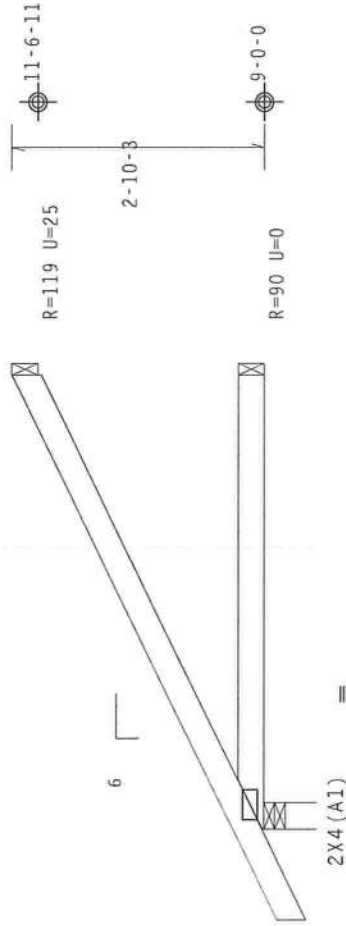
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REF- 1U009114Z01

Journal of Management Education 36(7) 809-824

(12-312A--BRYAN ZECHER Cataldo Residence 1225F -- Lake City, FL - CJ5 5' Jack)
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, 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, 6Cpi(+/-)=0.18
Wind loads and reactions based on MMFRS with additional C&C member design.
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



1'-0'-0" →
5'-0'-0" Over 3 Supports
R=263 U=5 W=3.5"
RL=49

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

PLT TYP. Wave

Scale = .5" / Ft.

	PLT TYP. Wave		IC LL	20.0 PSF	REF	R9114- 48489
			TC DL	7.0 PSF	DATE	10/26/12
			BC DL	10.0 PSF	DRW	HCUSR9114 12300010
			BC LL	0.0 PSF	HC-ENG	WHK/WHK
			TOT.LD.	37.0 PSF	SEQN-	27501
			DUR.FAC.	1.25		
			SPACING	24.0"	JREF-	1U009114Z01

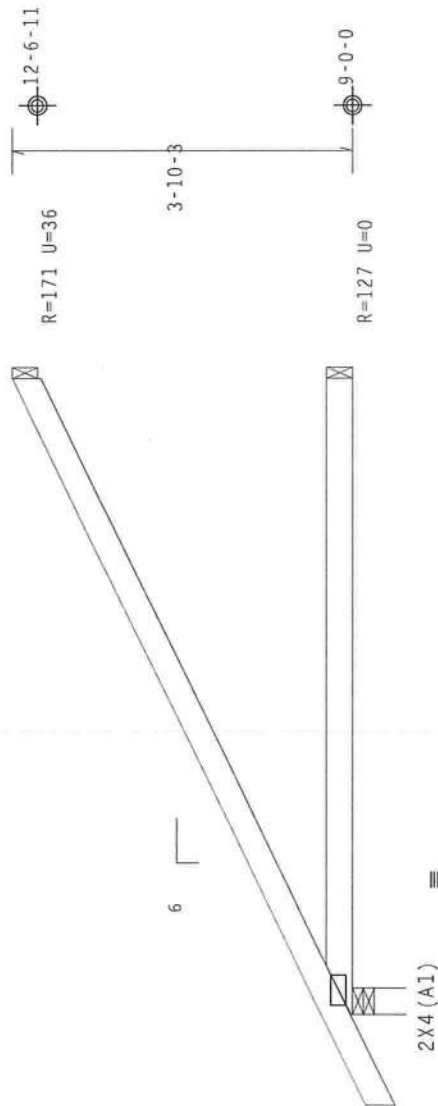
IMPORTANT** READ AND FOLLOW ALL NOTES ON THIS SHEET.
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and WCA) details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal of approval shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
TPI Building Components Group Inc. (TIBCG) shall not be responsible for any deviation from any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal of approval shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
The responsibility of the Building Designer per ANSI/TPI 1 Sec. 2. For more information see: This Job's general notes page; TIB-BCG: www.tibbcg.com; TPI: www.tpiinc.org; WCA: www.sciindustry.com; ICE: www.icesafe.org

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, not located within 4.50 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf, 6Cpl(+/-)=0.18

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.



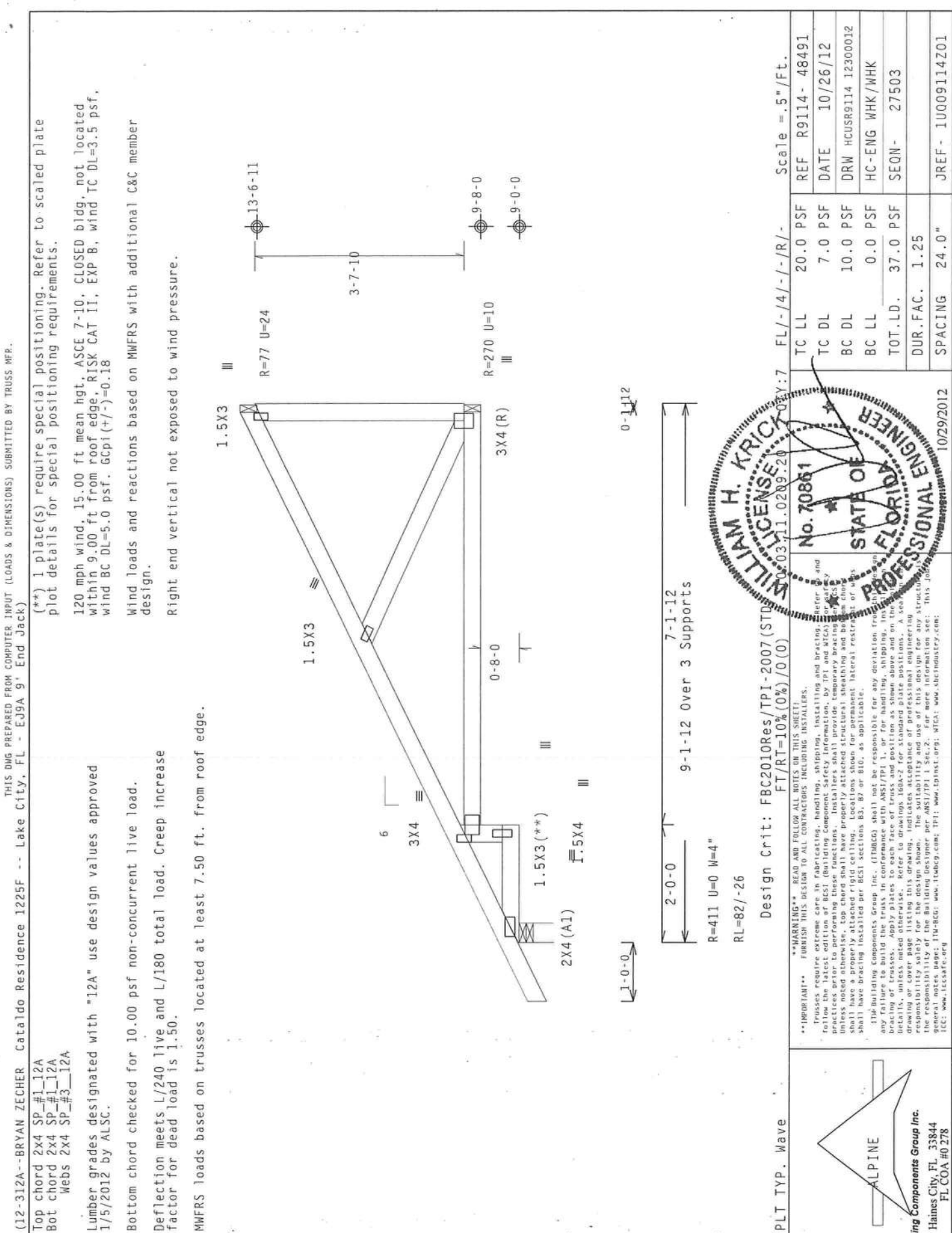
1'-0-0
7'-0-0 Over 3 Supports
R=336 U=3 W=3.5"
RL=66/-22



Design Crit: FBC2010Res/TPI-2007 (STD)
FT/RT=10%(0%)/0(0)
Scale = .5"/Ft.

PLT TYP. Wave	REF R9114- 48490	FL/-/4/-/-/R/-
	DATE 10/26/12	TC LL 20.0 PSF
	DRW HCUSR9114 12300011	TC DL 7.0 PSF
	HC-ENG WHK/WHK	BC DL 10.0 PSF
	SEQN- 27502	BC LL 0.0 PSF
	DUR.FAC. 1.25	TOT.LD. 37.0 PSF
	SPACING 24.0"	
	JREF- 1U009114Z01	

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



(12-312A--BRYAN ZECHER Cataldo Residence 1225F -- Lake City, FL - EJ9A 9' End Jack)

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.

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

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

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, 6Cpi (+/-)=0.18

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

Right end vertical not exposed to wind pressure.

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

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

PLT TYP. Wave

Scale = .5"/Ft.

William H. Krick, License No. 70861, State of Florida, Professional Engineer

10/29/2012

JREF- 1U009114Z01

10/26/12

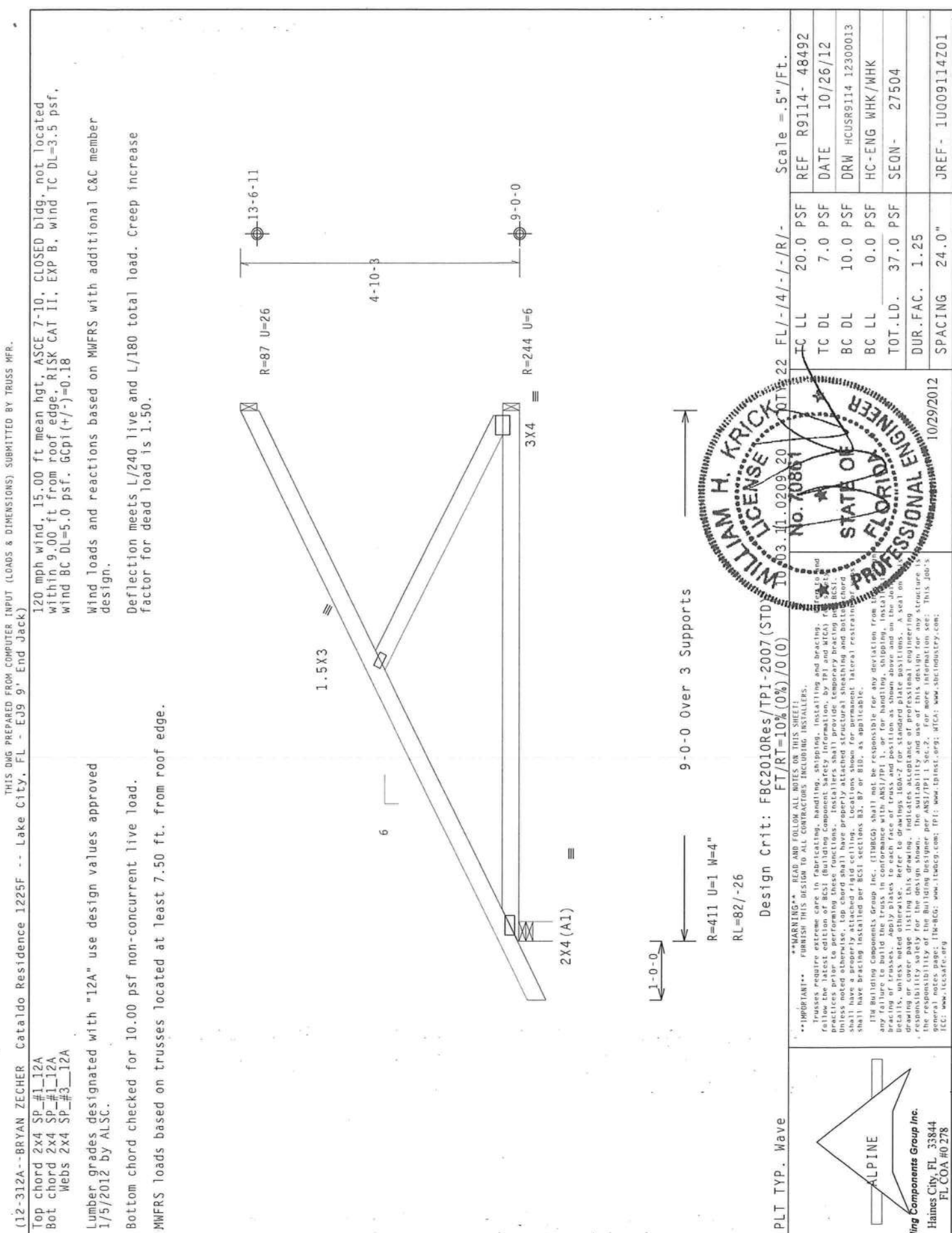
12300012

27503

1.25

24.0"

10/29/2012



(12-312A--BRYAN ZECHER Cataldo Residence 1225F -- Lake City, FL - EJ9 9' End Jack) 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. MWFRS loads based on trusses located at least 7.50 ft. from roof edge.		THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR. 120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf, 6Cpl(+/-)=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.		Scale = .5"/Ft.
PLT TYP. Wave		Design Crit: FBC2010Res/TPI-2007 (STD FT/RT=10%(0%)/0(0))		22 FL/- /4/- /- /R/-
ALPINE		William H. Krick		REF R9114- 48492
Building Components Group Inc.		STATE OF FLORIDA		DATE 10/26/12
Haines City, FL 33844		PROFESSIONAL ENGINEER		DRW HCUSR9114 12300013
FL COA #0278		10/29/2012		HC-ENG WHK/WHK
				SEQN- 27504
				TOT.LD. 37.0 PSF
				DUR.FAC. 1.25
				SPACING 24.0"

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

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

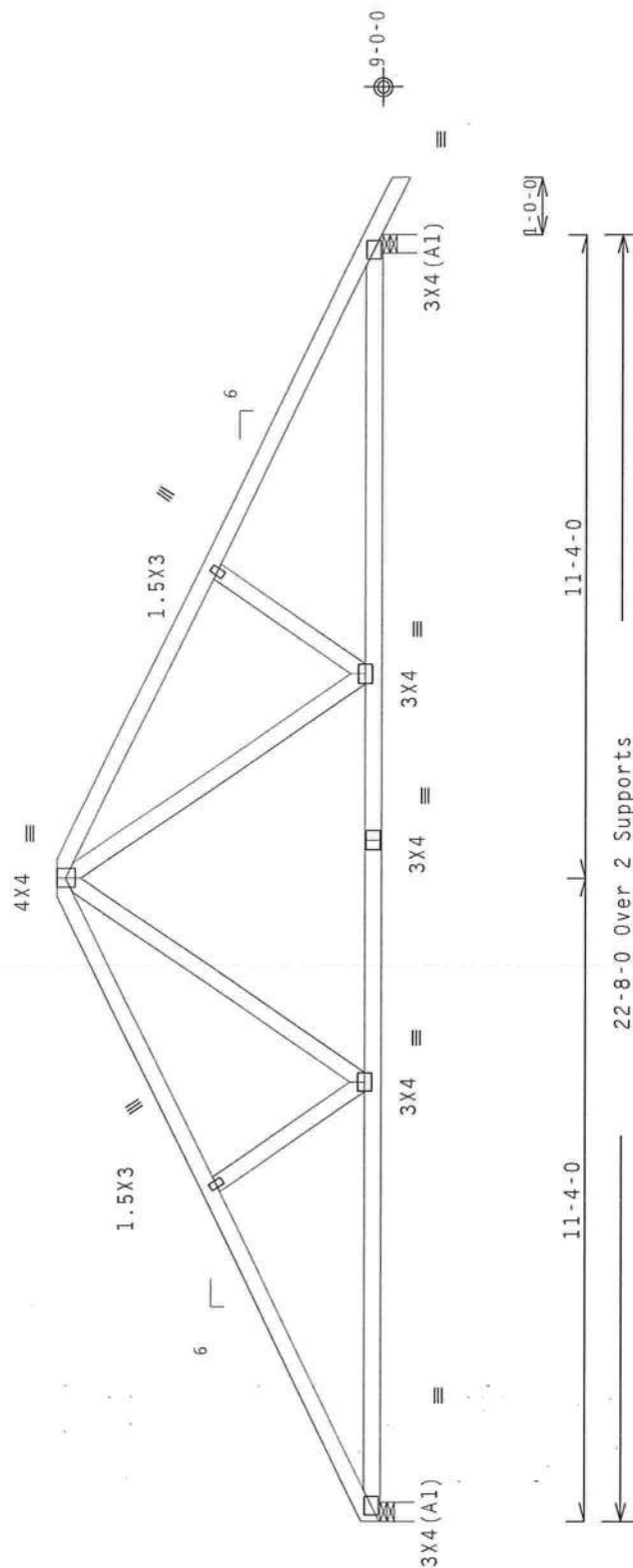
Lumber grades designated with "12A" use design values approved 11/5/2012 by ALSC.

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

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

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

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



R=856 H=26 W=4"

RL=90/-86

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

PLT TYP. Wave

$$\text{Scale} = .3125" / \text{Ft.}$$

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

IC LL	20.0 PSF
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Trusses require extreme care in fabricating, handling, shipping, installation and bracing. Follow the latest edition of NEES (Building Components, Safety Information, by HPI and WCA) for all details. Trusses shall be braced in accordance with the design drawings and the NEES. Trusses shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of top chord shall have tracing fastened per RCSI sections B3, B7 or B10, as applicable.

TC	DI	7	0	PCE
1	1	1	1	1
2	2	2	2	2
3	3	3	3	3
4	4	4	4	4
5	5	5	5	5
6	6	6	6	6
7	7	7	7	7
8	8	8	8	8
9	9	9	9	9
10	10	10	10	10
11	11	11	11	11
12	12	12	12	12
13	13	13	13	13
14	14	14	14	14
15	15	15	15	15
16	16	16	16	16
17	17	17	17	17
18	18	18	18	18
19	19	19	19	19
20	20	20	20	20
21	21	21	21	21
22	22	22	22	22
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32	32	32	32	32
33	33	33	33	33
34	34	34	34	34
35	35	35	35	35
36	36	36	36	36
37	37	37	37	37
38	38	38	38	38
39	39	39	39	39
40	40	40	40	40
41	41	41	41	41
42	42	42	42	42
43	43	43	43	43
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80	80	80	80	80
81	81	81	81	81
82	82	82	82	82
83	83	83	83	83
84	84	84	84	84
85	85	85	85	85
86	86	86	86	86
87	87	87	87	87

Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of wall shall have bracing installed per BCSI sections 83, 8/9 or 810, as applicable.

IC DL	7.0 F3F
10	10
20	20
30	30
40	40
50	50
60	60
70	70
80	80
90	90
100	100

shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of posts shall have bracing installed per BCSI sections 83, 87 or 810, as applicable.

BC DL 10.0 PSF

TTW Building Components Group Inc. (TTWBCG) shall not be responsible for any deviation from the

BC LL 0.0 PSF

any failure to build the truss in conformance with ANSI/APC 1, or for handling, shipping, installation, bracing of trusses, apply plates to each face of truss and position as shown above and on the details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on the details, unless noted otherwise.

TOT.LD. 37.0 PSF

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 user.

DUR. FAC. 1 25

the responsibility of the Building Designer per ANSI/TP1 | Sec. 2. For more information see: This Job's general notes page; TR-BEG; www.tmbcp.com; TP1: www.tpinst.org; ATCA: www.sbcindustries.com.

CONTACT NO.	4450
CONTACT NO.	34 0"

Buy at www.icsa.org : \$21

SPACING 24.0

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

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

Lumber grades designated with "I2A" use design values approved 1/5/2012 by ALSC.

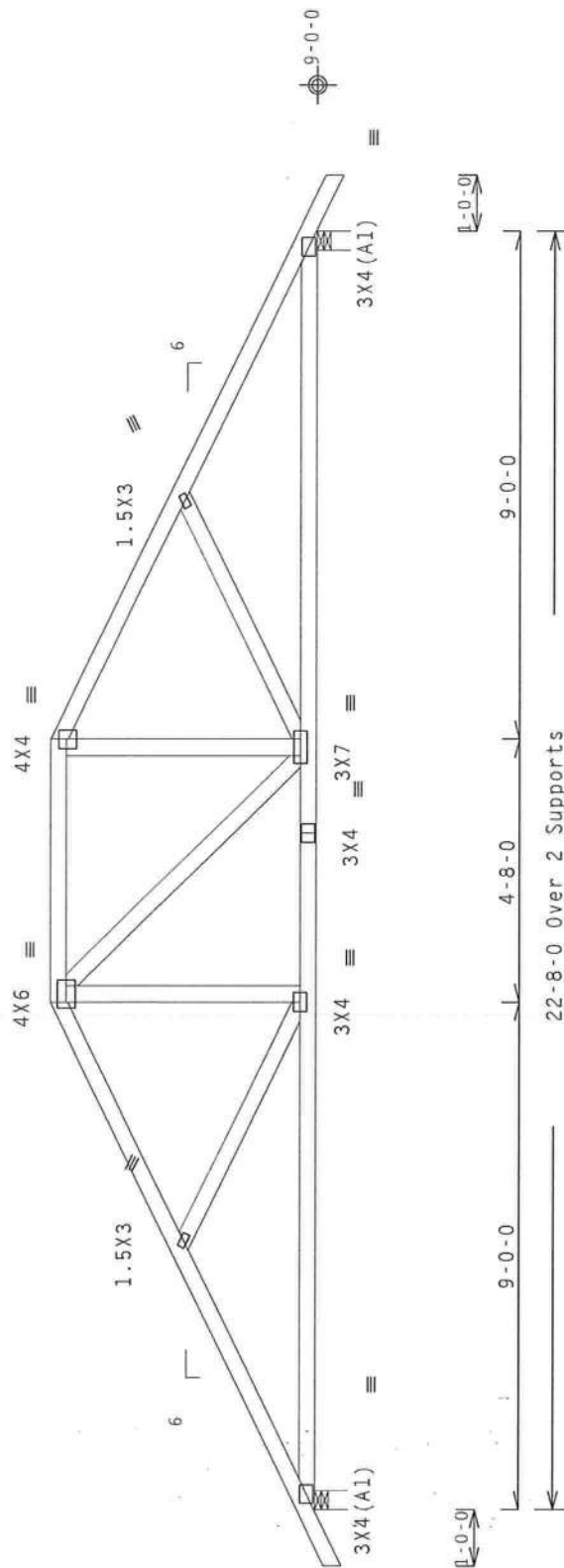
Wind loads and reactions based on MWFRS with additional C&C member design.

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

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

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

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



R=918 U=39 W=4"

RL=81/-81

22-8-0 Over 2 Supports

R=918 U=39 W=4"

PLT TYP. Wave

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

Scale = .3125" / Ft.

REF R9114- 48494

DATE 10/26/12

ORW HCUSR9114 12300015

JHC - ENG WHK / WHK

10	END WITH/ WITH	27500
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90517 -NN30

Source: *Journal of the American Statistical Association*, 1997, 92, 1039-1052.

REF- IUQ09114Z01

(12-312A--BRYAN ZECHER, Cataldo Residence 1225F -- Lake City, FL - EJ7 7' End Jack)

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

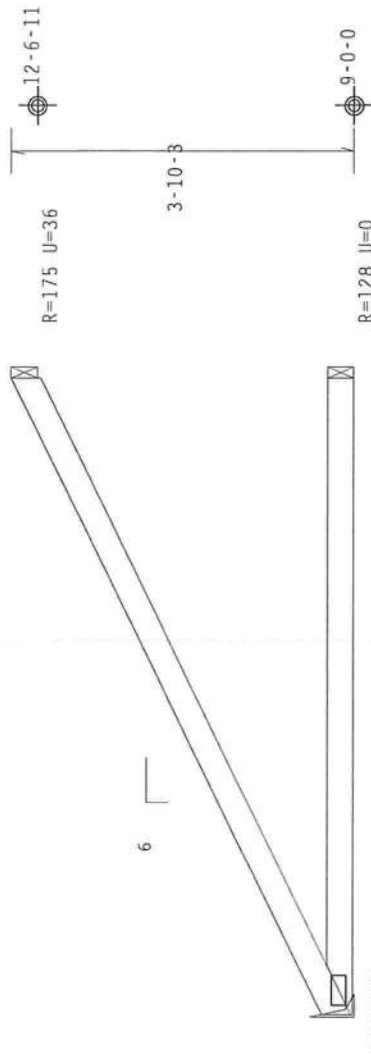
Lumber grades designated with "12A" use design values approved
1/5/2012 by ALSC.

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

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located
within 4.50 ft from roof edge. RISK CAT II, EXP 8, wind TC DL=3.5 psf,
wind BC DL=5.0 psf. GCPI (+/-)=0.18

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

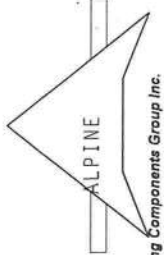
Deflection meets L/240 live and L/180 total load. Creep increase
factor for dead load is 1.50.



PLT TYP. Wave

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

Scale = 5"/Ft.

 Alpine Components Group Inc. Haines City, FL 33844 FL COA #0278	No. 70861		FL/4/-/R/-	Scale = 5"/Ft.
	TPI License		TC LL	20.0 PSF
	Professional Engineer		TC DL	7.0 PSF
	10/29/2012		BC DL	10.0 PSF
	10/29/2012		BC LL	0.0 PSF
	10/29/2012		TOT.LD.	37.0 PSF
10/29/2012		DUR.FAC.	1.25	
10/29/2012		SPACING	24.0"	
10/29/2012		JREF	1U009114Z01	

(12-312A--BRYAN ZECHER Cataldo Residence 1225F -- Lake City, FL - CJ1A 1' Jack)

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.

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

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

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

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



1-0-0 Over 3 Supports
R=43 U=0

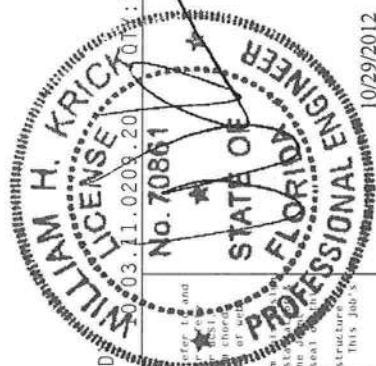
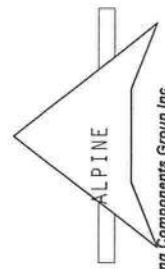
Design Crit: FBC2010Res/TPI-2007 (STD FT/RT=10%(0)/0(0))

PLT TYP. Wave

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of RCSI (Building Component Safety Information, by TPI and MICA) practices prior to performing these functions. Installers shall provide temporary bracing and shall be responsible for the design and construction of the temporary bracing. Trusses shall have bracing installed per RCSI sections B3, B7 or B10, as applicable.

TPI Building Components Group Inc. (TPI/BCG) shall not be responsible for any deviation from any failure to build the truss in accordance with ANSI/TPI 1-2007. The truss is designed for the bracing of trusses. Apply plates to each face of truss and position as shown above and on the details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on the drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the building designer per ANSI/TPI 1 Sec.2. For more information see: General Information page 1. TPI/BCG: www.tpiinc.com; TPI: www.tpiinc.org; MICA: www.micaind.com; ICC: www.iccsafe.org



TC LL	20.0 PSF	REF	R9114- 48496
TC DL	7.0 PSF	DATE	10/26/12
BC DL	10.0 PSF	DRW	HCUSR9114 12300017
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	27512
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1U009114Z01.

Scale = .5"/Ft.

(12-312A--BRYAN ZECHER Cataldo Residence 1225F -- Lake City, FL - CJ3A 3' Jack)

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

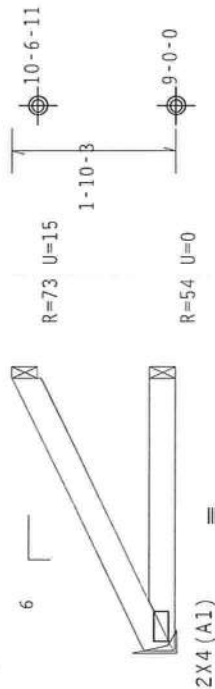
Lumber grades designated with "12A" use design values approved
1/5/2012 by ALSC.

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. GCpl (+/-)=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.



13-0-0 Over 3 Supports

R=118 U=0

RL=24

PLT TYP. Wave

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

Scale = .5"/Ft.

	PLT TYP. Wave		REF R9114- 48497
	DATE 10/26/12		TC LL 20.0 PSF
	DRW HCUSR9114 12300018		TC DL 7.0 PSF
	HC-ENG WHK/WHK		BC DL 10.0 PSF
	SEQN- 27513		BC LL 0.0 PSF
	DUR.FAC. 1.25		TOT.LD. 37.0 PSF
SPACING 24.0"			JREF- 1U009114Z01

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing.
Follow the latest edition of BECI (Building Component Safety Information, by TPI and MICA)
practices prior to performing these functions. Installers shall provide temporary bracing
unless noted otherwise. Top chord shall have properly attached structural sheathing and bolt
chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of
shall have bracing installed per BECI sections B5, B7 or B10, as applicable.
The Building Components Group Inc. (TPI/BCG) shall not be responsible for any deviation from
any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing
or bracing. The user of this design shall be responsible for the safety of the truss and for
details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal
drawing or cover page listing this drawing, indicates acceptance of professional engineering
responsibility solely for the design shown. The suitability and use of this design for any structure
the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see:
general notes page: TPI-BGCI: www.tbdcg.com; TPI: www.tpinet.org; MICA: www.sciindustry.com;
TCC: www.tbcsafe.org

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

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

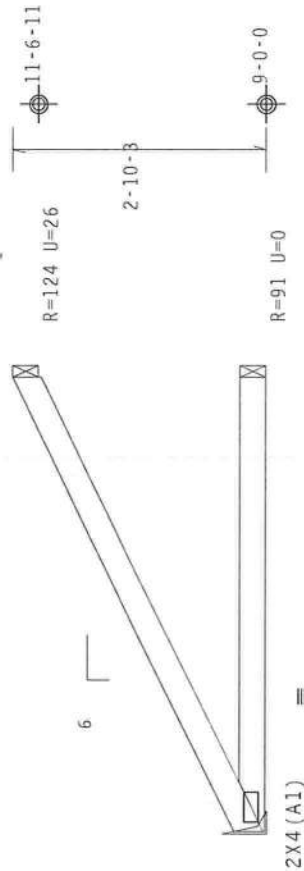
Lumber grades designated with "12A" use design values approved
1/5/2012 by ALSC.

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

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, 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.

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



5-0-0 over 3 Supports

R=194 U=0

RL=41

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

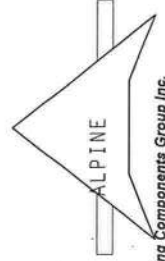
PLT TYP. Wave

Scale = .5"/Ft.

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing.
Follow the latest edition of BCSI (Building Component Safety Information, by TPI and MICA)
practices prior to performing these functions. Installers shall provide temporary bracing and
unless noted otherwise, top chord shall have properly attached structural sheathing and bolts.
Shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of
shall have bracing installed per BCSI Section B5, B7 or B10, as applicable.

The Building Components Group Inc. (TIBC) shall not be responsible for any deviation from
and the Building Components Group Inc. (TIBC) shall not be responsible for any deviation from
bracing of trusses. Apply plates to each face of truss and position as shown on the
details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal over
drawing or cover page listing this drawing, indicates acceptance of professional engineering
responsibility for the design shown. The suitability and use of this design for any structure
the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see:
this job's
TCE: www.tceusa.org
TPI: www.tpiinst.org; MICA: www.micaindustry.com



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

REF	R9114-	48498
DATE	10/26/12	
DRW	HCUSR9114	12300019
HC-ENG	WHK/WHK	
SEQN-	27514	
TOT.LD.	37.0 PSF	
DUR.FAC.	1.25	
SPACING	24.0"	

10/29/2012

JREF- 1U009114Z01

(12-312A--BRYAN ZECHER Cataldo Residence 1225F -- Lake City, FL - C2 8'1"8 Common)

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

1120 mph wind, 15.00 ft mean hgt., ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, Exp B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi (+/-)=0.18

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

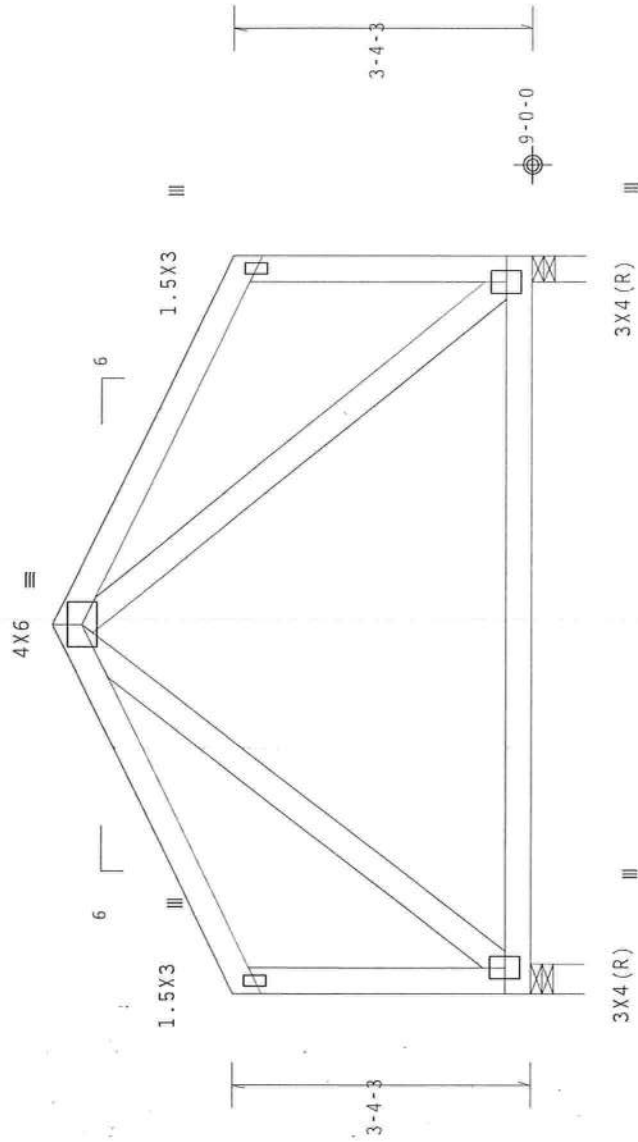
Wind loads and reactions based on MWFRS with additional C&C member design.

End verticals 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.

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



4-0-12 4-0-12

8-1-8 Over 2 Supports

$R=307 \quad I=9 \quad W=4''$

RL=29/-29

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

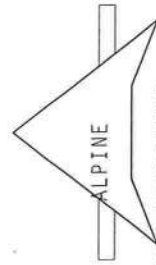
PLT TYP. Wave

design crit: $FT/RT=10\%$ READ AND FOLLOW ALL NOTES ON THIS SHEET! **WARNING**

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

Scale = 5"/Ft

IC LL	20.0 PSF	REF R9114- 48499
TC DL	7.0 PSF	DATE 10/26/12
BC DL	10.0 PSF	DRW HCURS9114 12300020
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	37.0 PSF	SEON- 27517
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1U009114Z01



Building Components Group Inc.

Haines City FL 33844

s City, FL 33844
FL COA #0 278

2106/06/01

SPACING 24.0"

JREF- 1U009114Z01