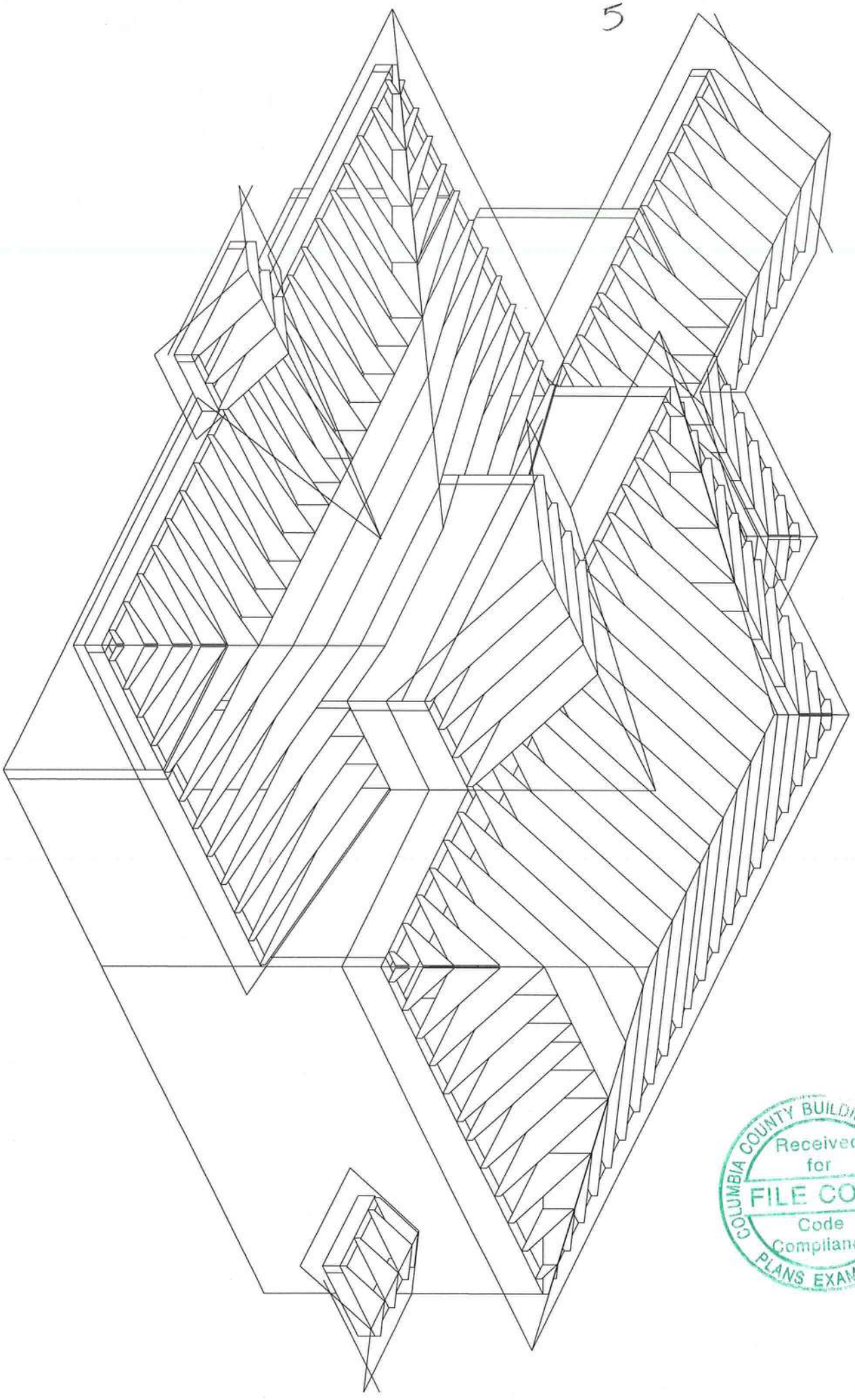
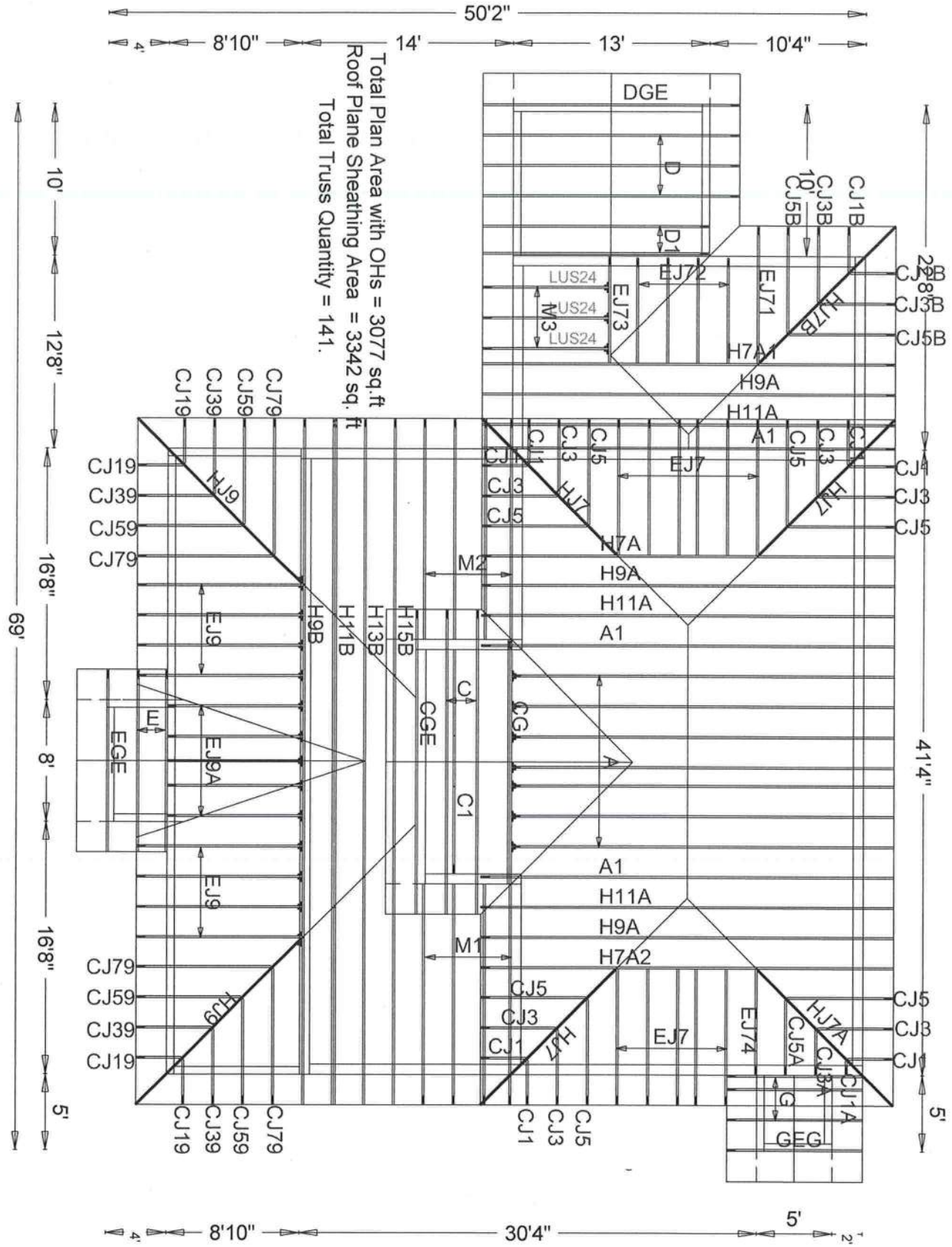


Schnabel Renovation/Add.



PAGE NO: 1 OF 1	JOB NO: 12-297	Location: JOB DESCRIPTION:: Fill in later /: Schnable Renovation/Add.		ANDERSON TRUSS COMPANY "QUALITY PRE-ENGINEERED WOOD TRUSSES"

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:1UQF9114Z0118151624

10/18/2012

Truss Fabricator:	Anderson Truss Company
Job Identification:	12-297--Fill in later Schnable Renovation/Add. -- Lake Cit[illegible], Fl[illegible]
Truss Count:	48
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: HCUSR9114

Walter P. Finn
-Truss Design Engineer-

1950 Marley Drive
Haines City, FL 33844

Details: 12015EC1-GBLLETIN-GABRST10-12030EC1-BRCLBSUB-

#	Ref Description	Drawing#	Date
1	86675--D1 13' Common	12292001	10/18/12
2	86676--D 13' Common	12292002	10/18/12
3	86677--DGE 13' Gable	12292045	10/18/12
4	86678--E 8' Common	12292003	10/18/12
5	86679--EGE 8' Gable	12292036	10/18/12
6	86680--G 5' Common	12292004	10/18/12
7	86681--GEG 5' Gable	12292037	10/18/12
8	86682-EJ71 7' End Jack	12292006	10/18/12
9	86683--CJ1B 1' Jack	12292007	10/18/12
10	86684--CJ3B 3' Jack	12292008	10/18/12
11	86685--CJ5B 5' Jack	12292009	10/18/12
12	86686--A1 23'4" Common	12292011	10/18/12
13	86687-H11A 23'4" Stepd	12292012	10/18/12
14	86688-H9A 23'4" Stepdo	12292013	10/18/12
15	86689-EJ74 7' End Jack	12292014	10/18/12
16	86690--C 16'1" Common	12292015	10/18/12
17	86691--CGE 16'1" Gable	12292038	10/18/12
18	86692--M3 6'4"8 Mono	12292016	10/18/12
19	86693--CJ5 5' Jack	12292017	10/18/12
20	86694--CJ1 1' Jack	12292018	10/18/12
21	86695--CJ3 3' Jack	12292019	10/18/12
22	86696--A 23'4" Common	12292020	10/18/12
23	86697--CJ5A 5' Jack	12292021	10/18/12
24	86698--CJ3A 3' Jack	12292022	10/18/12
25	86699--CJ1A 1' Jack	12292023	10/18/12
26	86700--EJ7 7' End Jack	12292024	10/18/12
27	86701--M1 12'7" Mono	12292025	10/18/12
28	86702--M2 12'8" Mono	12292026	10/18/12
29	86703-C1 14'9" Stepdow	12292027	10/18/12
30	86704-H15B 41'4" Stepd	12292028	10/18/12
31	86705-H13B 41'4" Stepd	12292029	10/18/12
32	86706-H11B 41'4" Stepd	12292030	10/18/12
33	86708--CJ39 3' Jack	12292031	10/18/12
34	86709--CJ59 5' Jack	12292032	10/18/12
35	86710--CJ79 7' Jack	12292033	10/18/12
36	86711-EJ9A 9' End Jack	12292034	10/18/12

#	Ref Description	Drawing#	Date
37	86712--EJ9 9' End Jack	12292035	10/18/12
38	86713-HJ7B 9'10"13 Hip	12292039	10/18/12
39	86714-EJ73 7' End Jack	12292010	10/18/12
40	86715-CG 16'1" Common	12292046	10/18/12
41	86716-HJ7 9'10"13 Hip	12292040	10/18/12
42	86717-HJ7A 9'10"13 Hip	12292047	10/18/12
43	86718-H7A2 23'4" Stepd	12292041	10/18/12
44	86719-H7A 23'4" Stepdo	12292042	10/18/12
45	86720-EJ72 6'10"8 End	12292005	10/18/12
46	86721-H7A1 23'4" Stepd	12292048	10/18/12
47	86722-HJ9 12'8"12 Hip	12292043	10/18/12
48	86723-H9B 41'4" Stepdo	12292044	10/18/12

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

(12-297--Fill in later Schnable Renovation/Add. -- Lake City, FL - D1 13' 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.

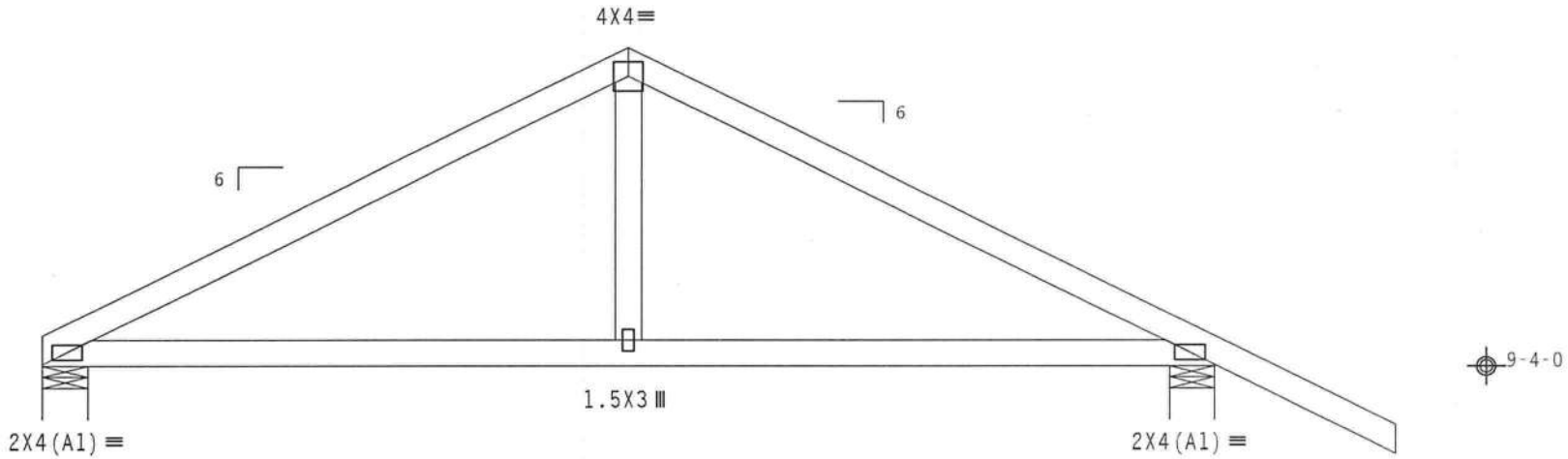
Bottom chord checked for 10.00 psf non-concurrent live load.

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 4.50 ft from roof edge, RISK CAT II, EXP C, 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=20%(0%)/10(0) 10.03.11.0209.20 QTY: 2 FL/-/5/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW 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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WALTER P. FINN LICENSE No. 22839 STATE OF FLORIDA PROFESSIONAL ENGINEER

10/18/2012

TC LL	20.0 PSF	REF	R9114- 86675
TC DL	7.0 PSF	DATE	10/18/12
BC DL	10.0 PSF	DRW	HCUSR9114 12292001
BC LL	0.0 PSF	HC-ENG	JB/WPF
TOT.LD.	37.0 PSF	SEQN-	24948
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UQF9114Z01

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

(12-297--Fill in later Schnable Renovation/Add. -- Lake City, FL - D 13' Common)

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

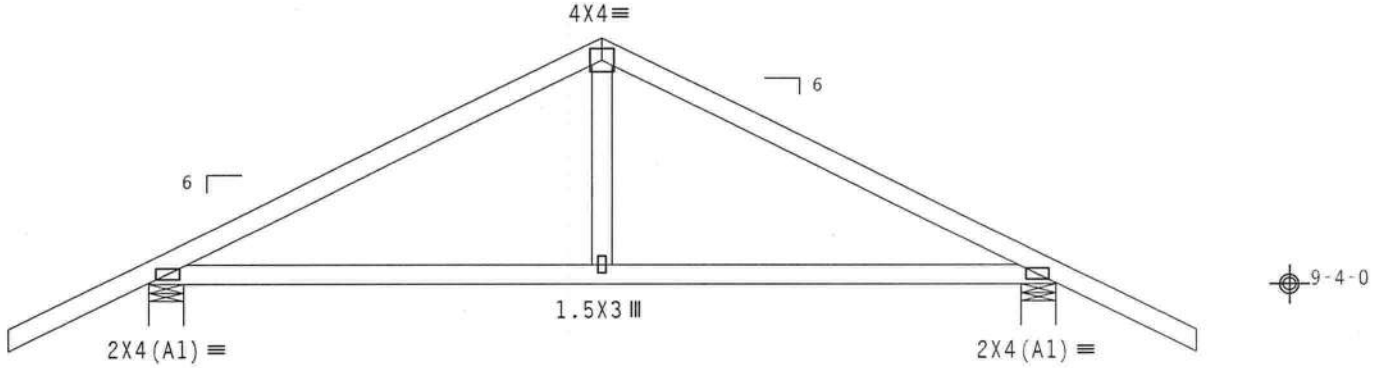
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

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 C, 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=612 U=111 W=6"
RL=114/-114

Design Crit: FBC2010Res/TPI-2007(STD) 10.03.11.0209.20 QTY: 3 FL/-/5/-/-/R/- Scale =.375"/Ft.

PLT TYP. Wave FT/RT=20%(0%)/10(0)

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

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WALTER P. FINN LICENSE No.22839 STATE OF FLORIDA PROFESSIONAL ENGINEER
10/18/2012

TC LL	20.0 PSF	REF	R9114- 86676
TC DL	7.0 PSF	DATE	10/18/12
BC DL	10.0 PSF	DRW	HCUSR9114 12292002
BC LL	0.0 PSF	HC-ENG	JB/WPF
TOT.LD.	37.0 PSF	SEQN-	24949
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UQF9114Z01

(12-297--Fill in later Schnable Renovation/Add. -- Lake City, FL - DGE 13' Gable)

Top chord 2x4 SP_#1_12A
Bot chord 2x4 SP_#1_12A
Webs 2x4 SP_#3__12A
:Stack Chord SC1 2x4 SP_#1_12A::Stack Chord SC2 2x4 SP_#1_12A:

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

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

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

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

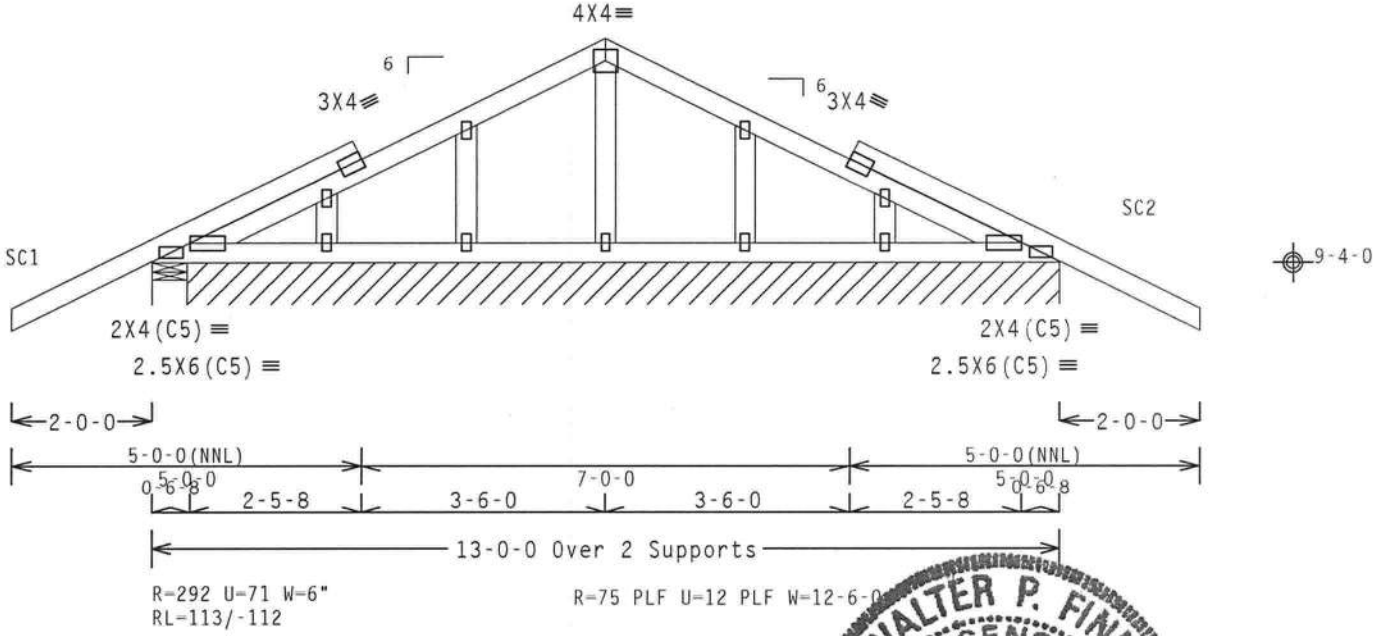
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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

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

Gable end supports 8" max rake overhang.

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



Note: All Plates Are 1.5X3 Except As Shown.

Design Crit: FBC2010Res/TPI-2007(STD

PLT TYP. Wave FT/RT=20%(0%)/10(0) 10.03.11 0309.21 QTY 1 FL/-/5/-/-/R/- Scale =.375"/Ft.

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

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WALTER P. FINN LICENSE No.22838 STATE OF FLORIDA PROFESSIONAL ENGINEER
10/18/2012

TC LL	20.0 PSF	REF	R9114- 86677
TC DL	7.0 PSF	DATE	10/18/12
BC DL	10.0 PSF	DRW	HCUSR9114 12292045
BC LL	0.0 PSF	HC-ENG	JB/WPF
TOT.LD.	37.0 PSF	SEQN-	292949
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UQF9114Z01

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

(12-297--Fill in later Schnable Renovation/Add. -- Lake City, FL - E 8' Common)

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

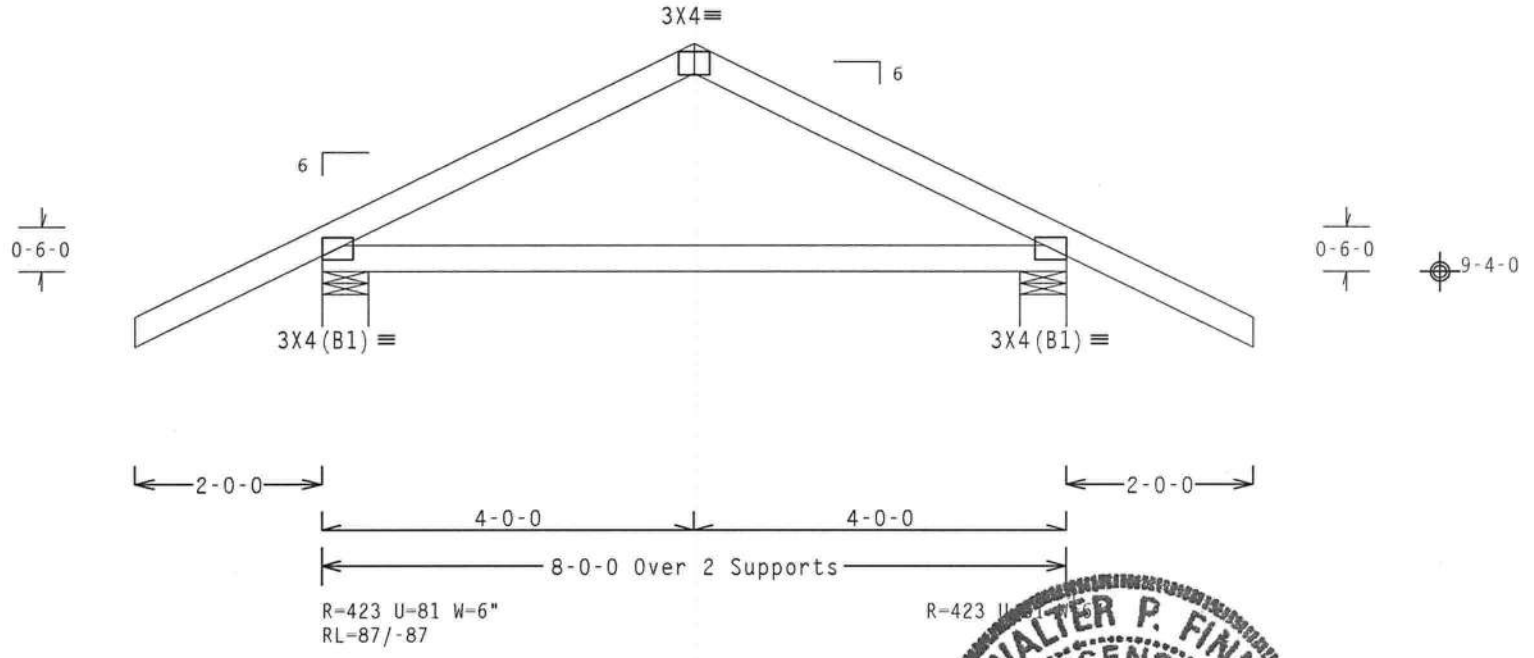
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

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 C, 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=20%(0%)/10(0) 10.03.11.0209.20 QTY 4 FL/-/5/-/-/R/- Scale =.5"/Ft.

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

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WALTER P. FINN LICENSE No.22839 STATE OF FLORIDA PROFESSIONAL ENGINEER
10/18/2012

TC LL	20.0 PSF	REF	R9114- 86678
TC DL	7.0 PSF	DATE	10/18/12
BC DL	10.0 PSF	DRW	HCUSR9114 12292003
BC LL	0.0 PSF	HC-ENG	JB/WPF
TOT.LD.	37.0 PSF	SEQN-	24951
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UQF9114Z01

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

(12-297--Fill in later Schnable Renovation/Add. -- Lake City, FL - EGE 8' Gable)

Top chord 2x4 SP_#1_12A
Bot chord 2x4 SP_#1_12A
Webs 2x4 SP_#3__12A
:Stack Chord SC1 2x4 SP_#1_12A::Stack Chord SC2 2x4 SP_#1_12A:

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

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

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

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

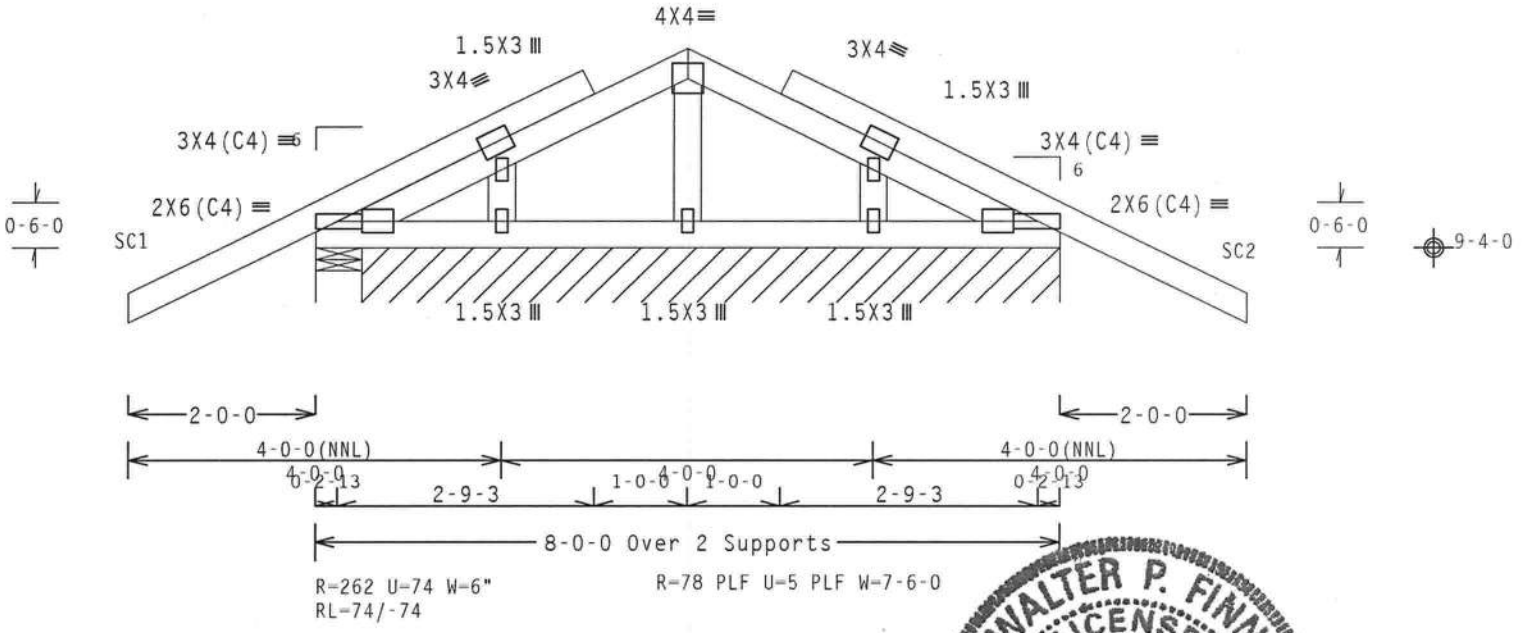
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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

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

Gable end supports 8" max rake overhang.

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



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave FT/RT=20%(0%)/10(0) 10.03.1[illegible] QTY: FL/-/5/-/-/R/- Scale =.5"/Ft.

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

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WALTER P. FINN LICENSE No.22839 STATE OF FLORIDA PROFESSIONAL ENGINEER

10/18/2012

TC LL	20.0 PSF	REF R9114- 86679
TC DL	7.0 PSF	DATE 10/18/12
BC DL	10.0 PSF	DRW HCUSR9114 12292036
BC LL	0.0 PSF	HC-ENG JB/WPF
TOT.LD.	37.0 PSF	SEQN- 292958
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1UQF9114Z01

(12-297--Fill in later Schnable Renovation/Add. -- Lake City, FL - G 5' Common)

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

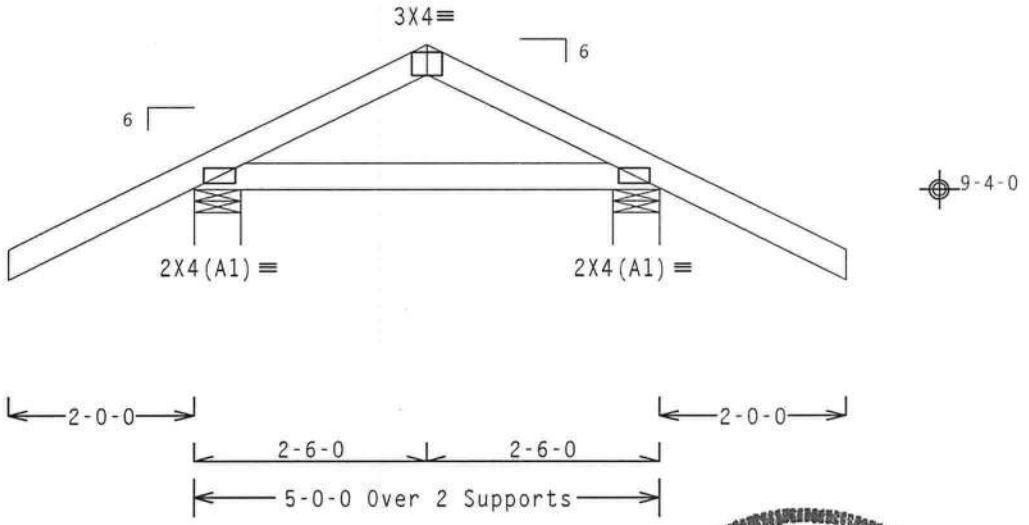
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

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 C, 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=20%(0%)/10(0)

10.03 11.0209 20

QTY 3

FL/-/5/-/-/R/-

Scale =.5"/Ft.

WALTER P. FINN LICENSE No.22839 STATE OF FLORIDA PROFESSIONAL ENGINEER

10/18/2012

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

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ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, insta bracing of trusses. Apply plates to each face of truss and position as shown above and on the Jo Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal o 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: 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	R9114- 86680
TC DL	7.0 PSF	DATE	10/18/12
BC DL	10.0 PSF	DRW	HCUSR9114 12292004
BC LL	0.0 PSF	HC-ENG	JB/WPF
TOT.LD.	37.0 PSF	SEQN-	24953
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UQF9114Z01

(12-297--Fill in later Schnable Renovation/Add. -- Lake City, FL - GEG 5' Gable)

Top chord 2x4 SP_#1_12A
Bot chord 2x4 SP_#1_12A
Webs 2x4 SP_#3__12A
:Stack Chord SC1 2x4 SP_#1_12A::Stack Chord SC2 2x4 SP_#1_12A:

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

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

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

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

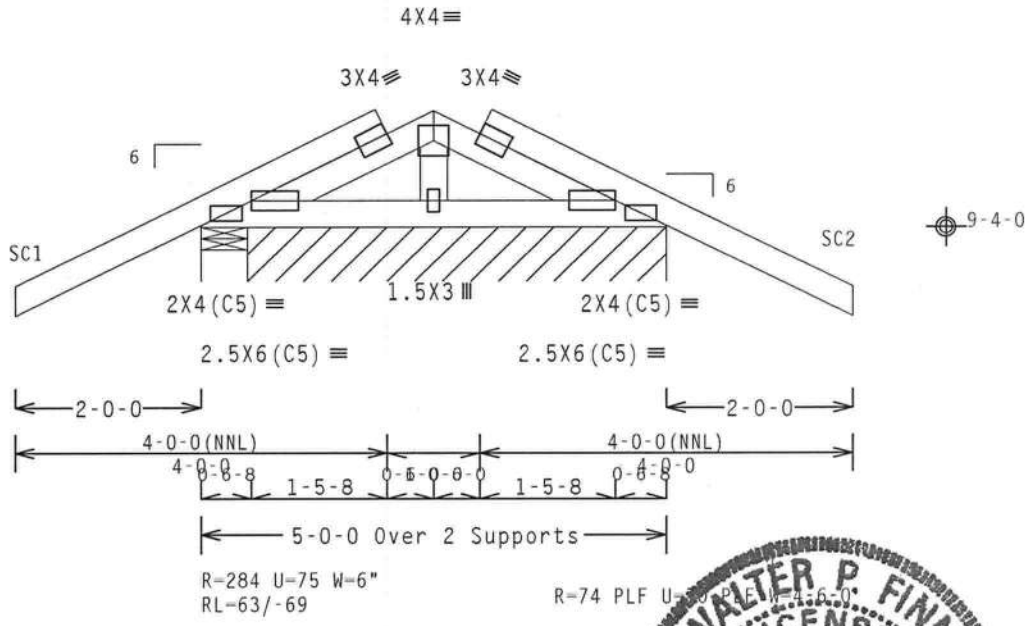
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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

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

Gable end supports 8" max rake overhang.

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



Design Crit: FBC2010Res/TPI-2007(STD) 10.03.11 0809.01 QTY FL/-/5/-/-/R/- Scale =.5"/Ft.

PLT TYP. Wave

FT/RT=20%(0%)/10(0)

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

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WALTER P FINN LICENSE No.22839 STATE OF FLORIDA PROFESSIONAL ENGINEER

10/18/2012

TC LL	20.0 PSF	REF	R9114- 86681
TC DL	7.0 PSF	DATE	10/18/12
BC DL	10.0 PSF	DRW	HCUSR9114 12292037
BC LL	0.0 PSF		HC-ENG JB/WPF
TOT.LD.	37.0 PSF	SEQN-	292962
DUR.FAC.	1.25		
SPACING-	24.0"	JREF-	1UQF9114Z01

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

(12-297--Fill in later Schnable Renovation/Add. -- Lake City, FL - EJ71 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.

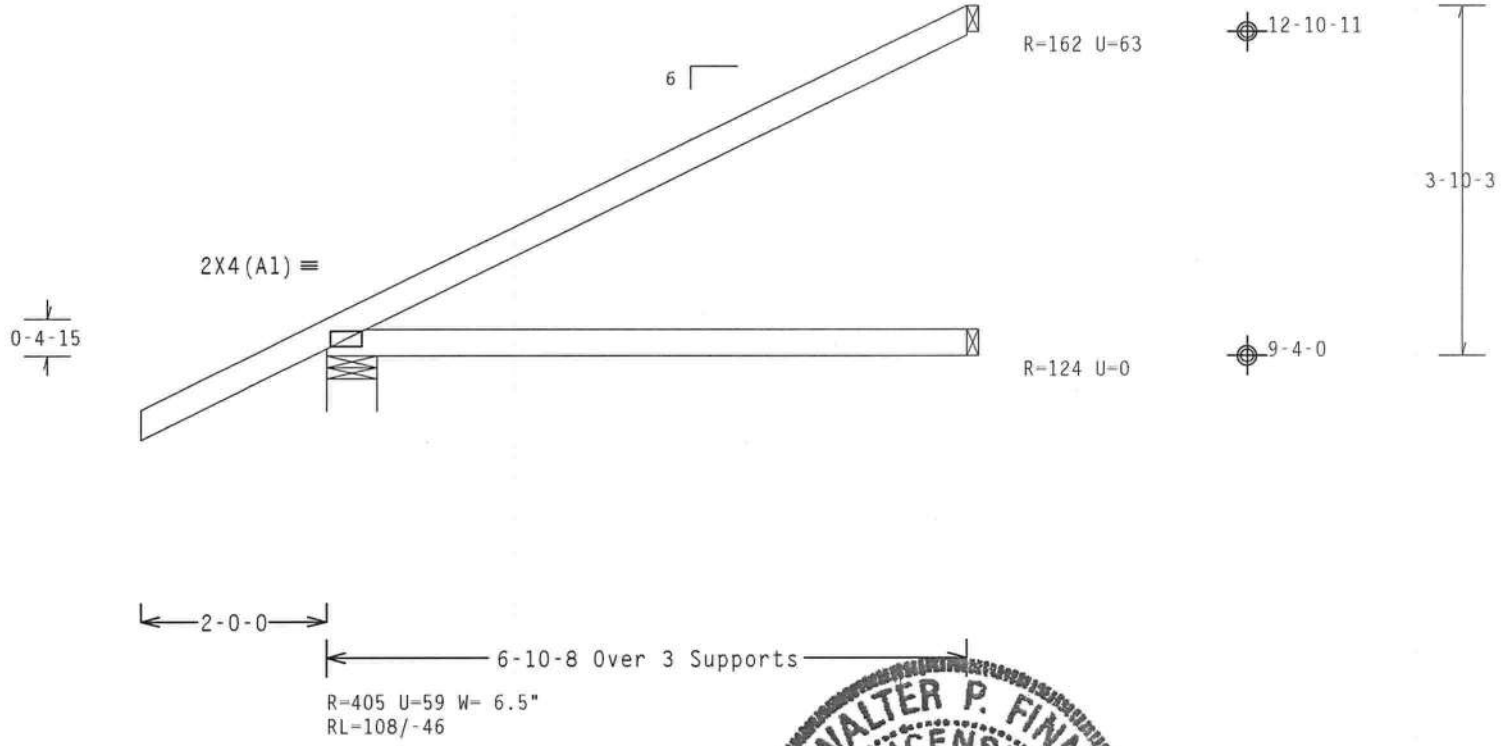
Bottom chord checked for 10.00 psf non-concurrent live load.

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, Located anywhere in roof, RISK CAT II, EXP C, 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 FT/RT=20%(0%)/10(0) 10.03. No.22839 QTY: FL/-/5/-/-/R/- Scale =.5"/Ft.

PLT TYP. Wave

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

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WALTER P. FINN LICENSE STATE OF FLORIDA PROFESSIONAL ENGINEER

10/18/2012

TC LL	20.0 PSF	REF	R9114- 86682
TC DL	7.0 PSF	DATE	10/18/12
BC DL	10.0 PSF	DRW	HCUSR9114 12292006
BC LL	0.0 PSF	HC-ENG	JB/WPF
TOT.LD.	37.0 PSF	SEQN-	24957
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UQF9114Z01

(12-297--Fill in later Schnable Renovation/Add. -- Lake City, FL - CJ1B 1' Jack)

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

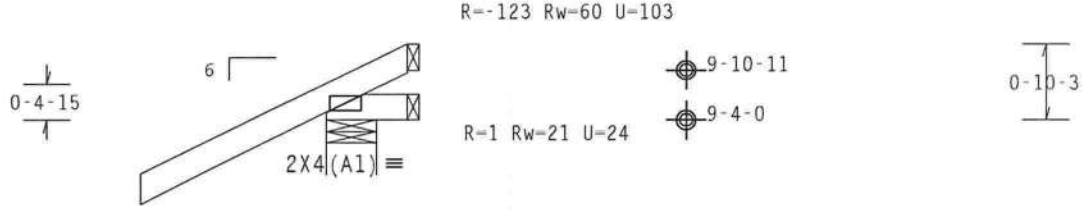
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

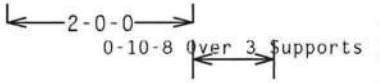
Bottom chord checked for 10.00 psf non-concurrent live load.

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, 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=339 U=115 W= 6.5"
RL=35/-30
H=H1

Design Crit: FBC2010Res/TPI-2007(STD) 10.03.11.0209.20 QTY: 2 FL/-/5/-/-/R/-

PLT TYP. Wave FT/RT=20%(0%)/10(0) Scale =.5"/Ft.

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

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WALTER P. FINN LICENSE No.22839 STATE OF FLORIDA PROFESSIONAL ENGINEER
10/18/2012

TC LL	20.0 PSF	REF R9114- 86683
TC DL	7.0 PSF	DATE 10/18/12
BC DL	10.0 PSF	DRW HCUSR9114 12292007
BC LL	0.0 PSF	HC-ENG JB/WPF
TOT.LD.	37.0 PSF	SEQN- 24958
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1UQF9114Z01

(12-297--Fill in later Schnable Renovation/Add. -- Lake City, FL - CJ3B 3' Jack)

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

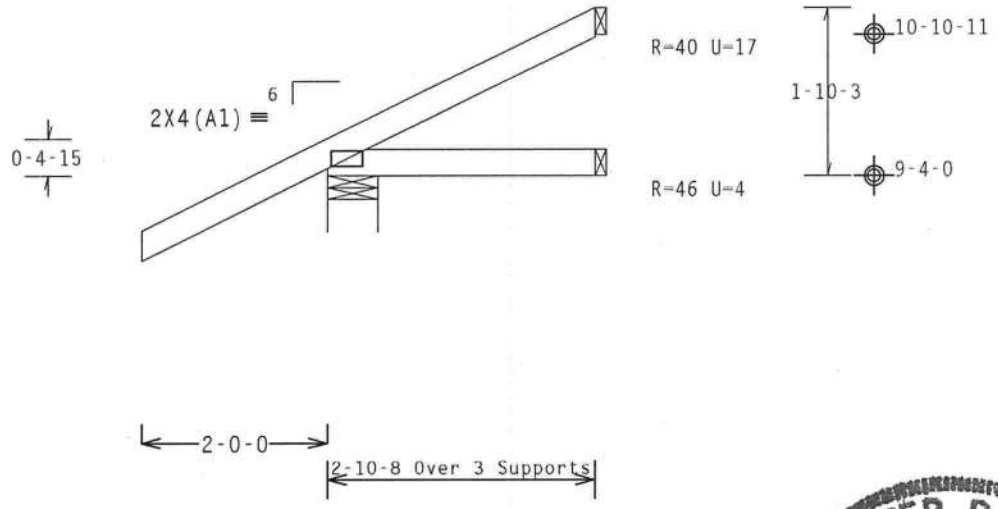
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

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 C, 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=283 U=57w=6.5"
RL=59/-35
H=H1

Design Crit: FBC2010Res/TPI-2007(STD)
FT/RT=20%(0%)/10(0)

10.03. No.22839

PLT TYP. Wave

QTY:

FL/-/5/-/-/R/-

Scale =.5"/Ft.

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

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WALTER P. FINN LICENSE STATE OF FLORIDA PROFESSIONAL ENGINEER

10/18/2012

TC LL	20.0 PSF	REF	R9114- 86684
TC DL	7.0 PSF	DATE	10/18/12
BC DL	10.0 PSF	DRW	HCUSR9114 12292008
BC LL	0.0 PSF		HC-ENG JB/WPF
TOT.LD.	37.0 PSF	SEQN-	24959
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UQF9114Z01

(12-297--Fill in later Schnable Renovation/Add. -- Lake City, FL - CJ5B 5' Jack)

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

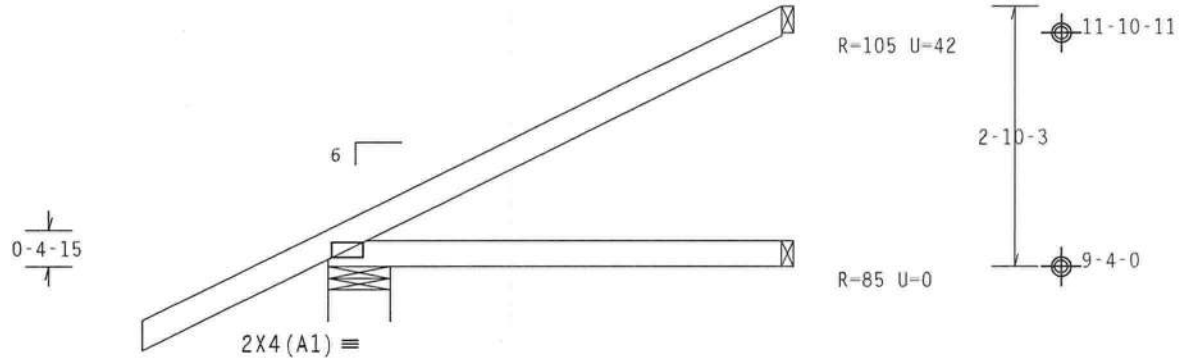
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

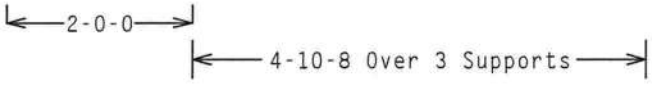
Bottom chord checked for 10.00 psf non-concurrent live load.

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 C, 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=338 U=56 W=8"
RL=83/-40
H=H1

Design Crit: FBC2010Res/TPI-2007(STD

PLT TYP. Wave FT/RT=20%(0%)/10(0) 10.03.11.0000.00 QTY 2 FL/-/5/-/-/R/- Scale =.5"/Ft.

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

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WALTER P. FINN LICENSE No.22839 STATE OF FLORIDA PROFESSIONAL ENGINEER

10/18/2012

TC LL	20.0 PSF	REF	R9114- 86685
TC DL	7.0 PSF	DATE	10/18/12
BC DL	10.0 PSF	DRW	HCUSR9114 12292009
BC LL	0.0 PSF	HC-ENG	JB/WPF
TOT.LD.	37.0 PSF	SEQN-	24960
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UQF9114Z01

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

(12-297--Fill in later Schnable Renovation/Add. -- Lake City, FL - A1 23'4" 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.

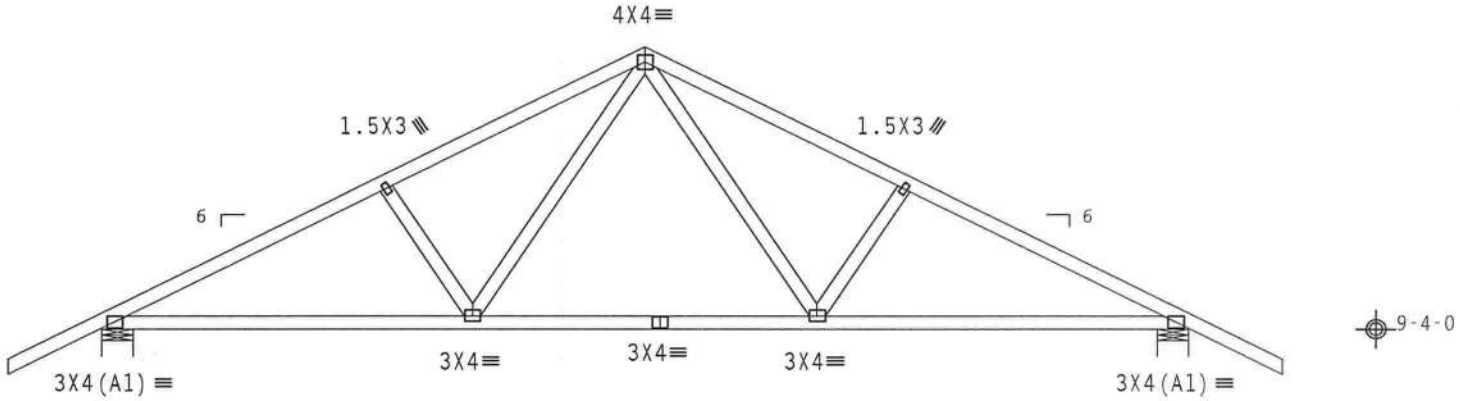
Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

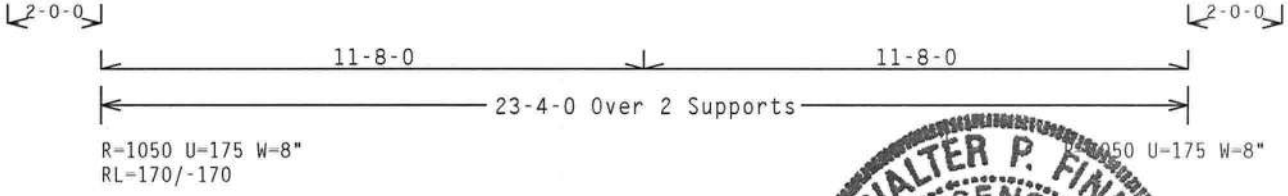
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

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

PLT TYP. Wave FT/RT=20%(0%)/10(0) 10.03.11.0209.20 QTY 3 FL/-/5/-/-/R/- Scale =.25"/Ft.

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

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WALTER P. FINN LICENSE No.22839 STATE OF FLORIDA PROFESSIONAL ENGINEER

10/18/2012

TC LL	20.0 PSF	REF	R9114- 86686
TC DL	7.0 PSF	DATE	10/18/12
BC DL	10.0 PSF	DRW	HCUSR9114 12292011
BC LL	0.0 PSF		HC-ENG JB/WPF
TOT.LD.	37.0 PSF	SEQN-	24962
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UQF9114Z01

(12-297--Fill in later Schnable Renovation/Add. -- Lake City, FL - H11A 23'4" Stepdown Hip)

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

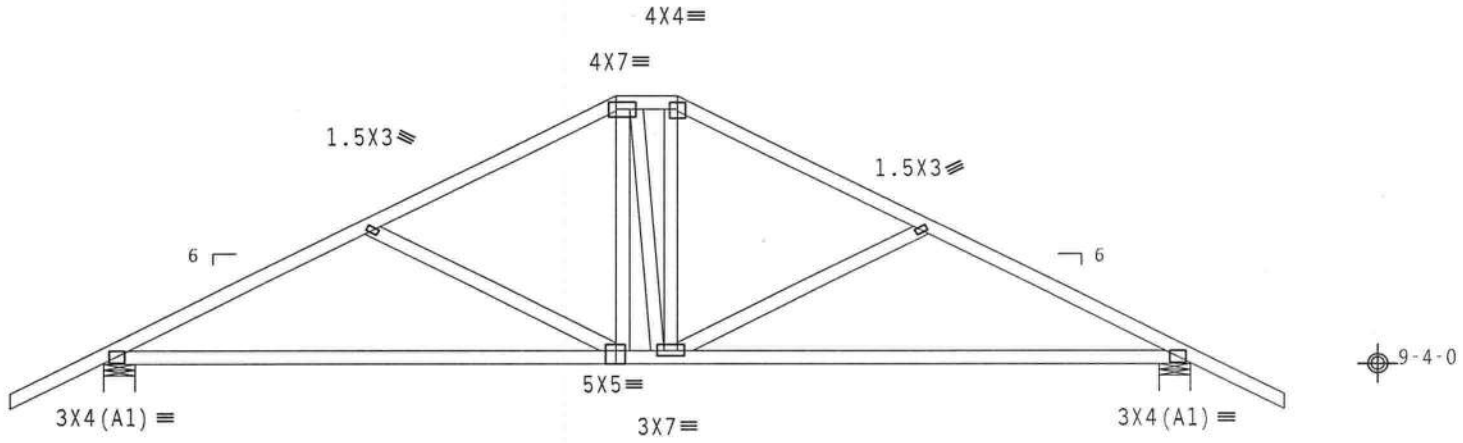
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

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 C, 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=20%(0%)/10(0)

10.03.11.0209.20

QTY 3

FL/-/5/-/-/R/-

Scale =.25"/Ft.

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

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WALTER P. FINN LICENSE No.22839 STATE OF FLORIDA PROFESSIONAL ENGINEER

10/18/2012

TC LL	20.0 PSF	REF	R9114- 86687
TC DL	7.0 PSF	DATE	10/18/12
BC DL	10.0 PSF	DRW	HCUSR9114 12292012
BC LL	0.0 PSF		HC-ENG JB/WPF
TOT.LD.	37.0 PSF	SEQN-	24964
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UQF9114Z01

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

(12-297--Fill in later Schnable Renovation/Add. -- Lake City, FL - H9A 23'4" Stepdown Hip)

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

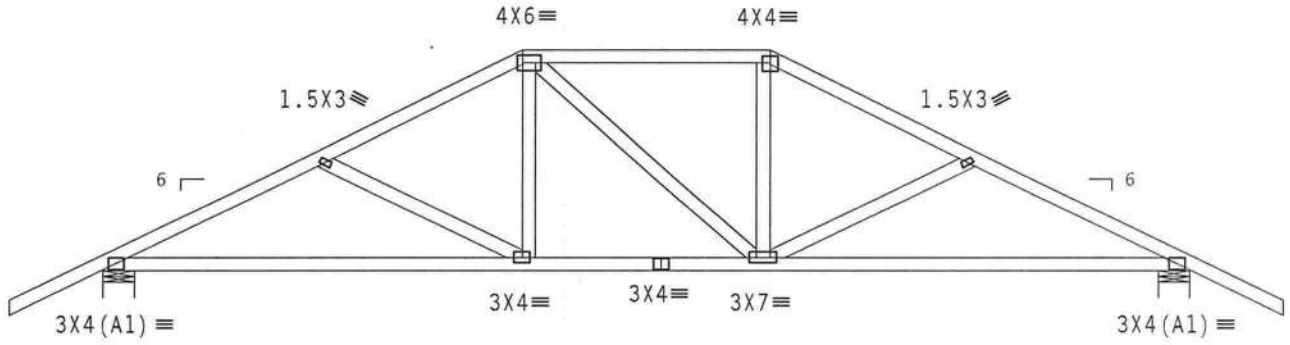
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

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 C, 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=20%(0%)/10(0)

10.03.02

QTY:

FL/-/5/-/-/R/-

Scale =.25"/Ft.

WALTER P. FINN LICENSE No. 22849 STATE OF FLORIDA PROFESSIONAL ENGINEER

10/18/2012

ALPINE
ITW 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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TC LL	20.0 PSF	REF	R9114- 86688
TC DL	7.0 PSF	DATE	10/18/12
BC DL	10.0 PSF	DRW	HCUSR9114 12292013
BC LL	0.0 PSF	HC-ENG	JB/WPF
TOT.LD.	37.0 PSF	SEQN-	24966
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UQF9114Z01

(12-297--Fill in later Schnable Renovation/Add. -- Lake City, FL - EJ74 7' End Jack)

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

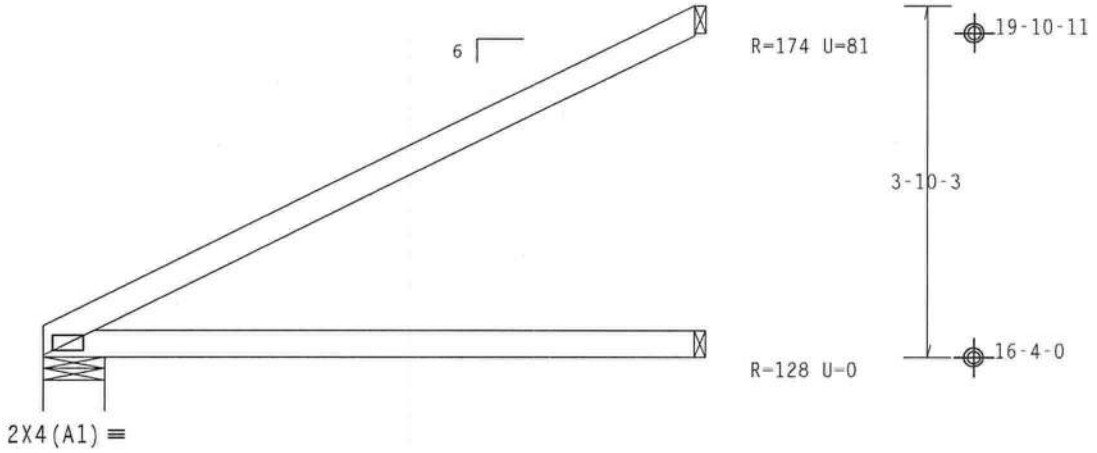
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

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

120 mph wind, 18.43 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, 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.



7-0-0 Over 3 Supports

R=270 U=30 W=8"
RL-97

Design Crit: FBC2010Res/TPI-2007(STD FT/RT=20%(0%)/10(0) 10.03.11.0209.20 QTY 1 FL/-/5/-/-/R/- Scale =.5"/Ft.

PLT TYP. Wave

WALTER P. FINN LICENSE No.22839 STATE OF FLORIDA PROFESSIONAL ENGINEER

10/18/2012

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

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TC LL	20.0 PSF	REF	R9114- 86689
TC DL	7.0 PSF	DATE	10/18/12
BC DL	10.0 PSF	DRW	HCUSR9114 12292014
BC LL	0.0 PSF		HC-ENG JB/WPF
TOT.LD.	37.0 PSF	SEQN-	24967
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UQF9114Z01

(12-297--Fill in later Schnable Renovation/Add. -- Lake City, FL - C 16'1" 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.

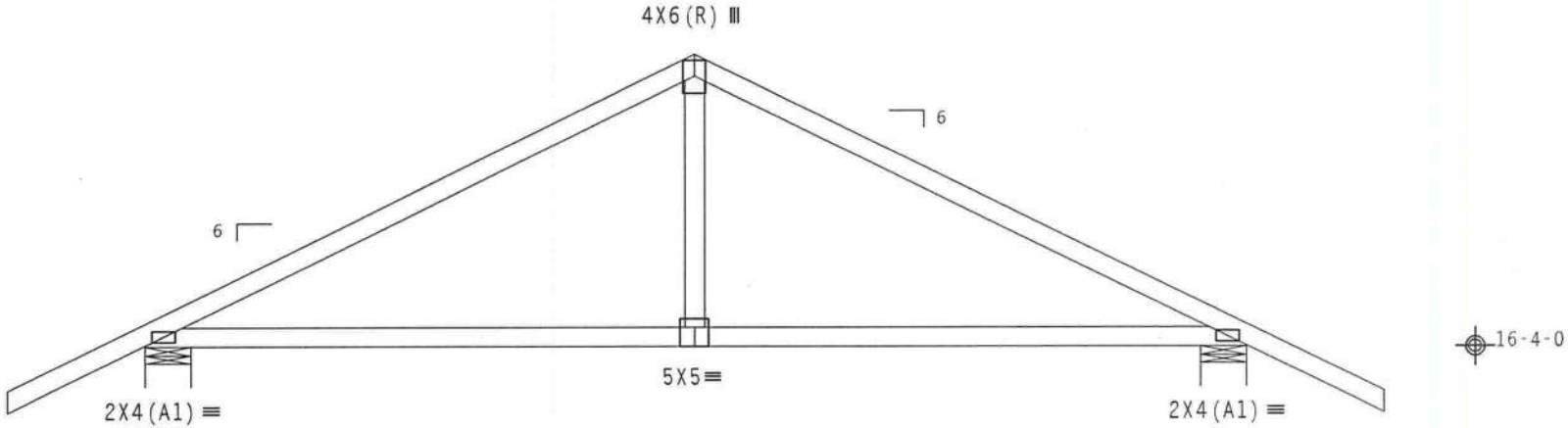
Bottom chord checked for 10.00 psf non-concurrent live load.

MWFRS loads based on trusses located at least 18.19 ft. from roof edge.

120 mph wind, 18.19 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP C, 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)
FT/RT=20%(0%)/10(0)
10.03.1[illegible]
QTY:
FL/-/5/-/-/R/-
Scale =.375"/Ft.

PLT TYP. Wave

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

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WALTER P. FINN LICENSE No.22839 STATE OF FLORIDA PROFESSIONAL ENGINEER
10/18/2012

TC LL	20.0 PSF	REF R9114- 86690
TC DL	7.0 PSF	DATE 10/18/12
BC DL	10.0 PSF	DRW HCUSR9114 12292015
BC LL	0.0 PSF	HC-ENG JB/WPF
TOT.LD.	37.0 PSF	SEQN- 24969
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1UQF9114Z01

(12-297--Fill in later Schnable Renovation/Add. -- Lake City, FL - CGE 16'1" Gable)

Top chord 2x4 SP_#1_12A
Bot chord 2x4 SP_#1_12A
Webs 2x4 SP_#3__12A
:Stack Chord SC1 2x4 SP_#1_12A::Stack Chord SC2 2x4 SP_#1_12A:

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

See DWGS A12030ENC100212, 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.

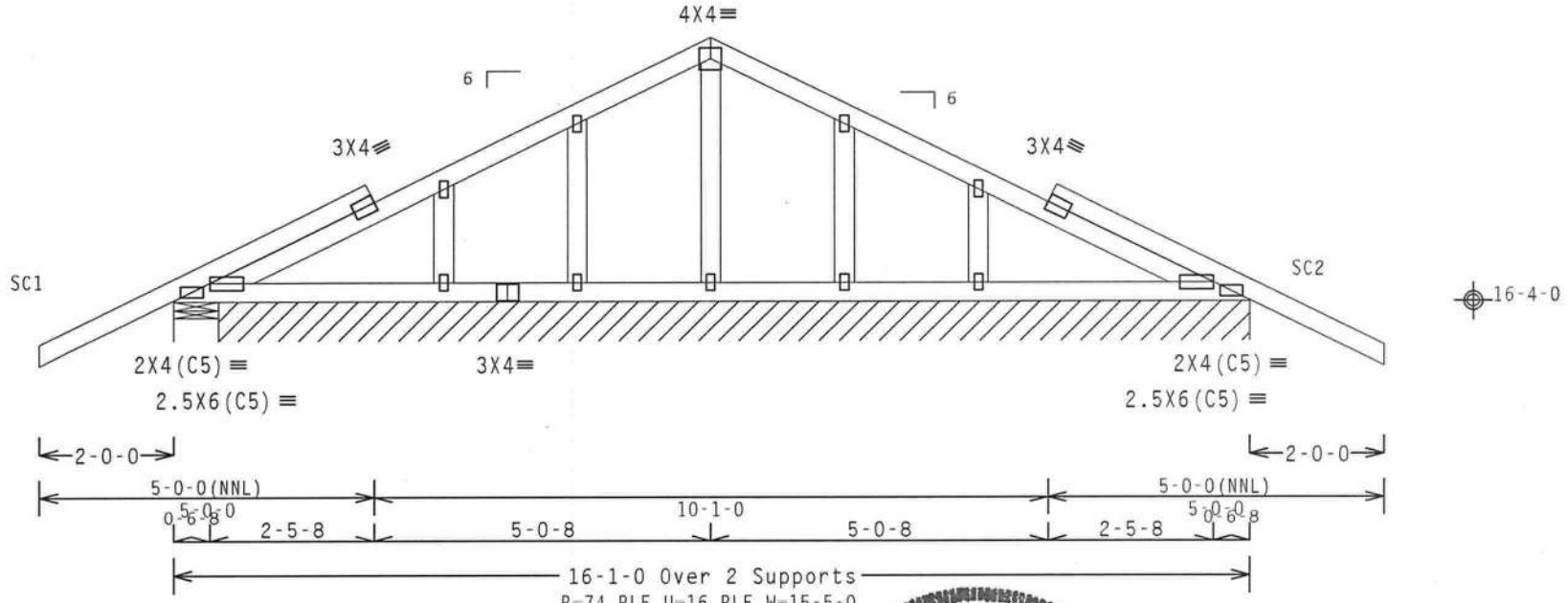
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

120 mph wind, 18.03 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

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

Gable end supports 8" max rake overhang.

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



Note: All Plates Are 1.5X3 Except As Shown.

Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave FT/RT=20%(0%)/10(0) 10.03 11.0209 21 QTY 1 FL/-/5/-/-/R/- Scale =.375"/Ft.

WALTER P. FINN LICENSE No. 22839 STATE OF FLORIDA PROFESSIONAL ENGINEER

10/18/2012

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

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TC LL	20.0 PSF	REF R9114- 86691
TC DL	7.0 PSF	DATE 10/18/12
BC DL	10.0 PSF	DRW HCUSR9114 12292038
BC LL	0.0 PSF	HC-ENG JB/WPF
TOT.LD.	37.0 PSF	SEQN- 292953
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1UQF9114Z01

(12-297--Fill in later Schnable Renovation/Add. -- Lake City, FL - M3 6'4"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.

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.

These support conditions used at bearings indicated
(H1) = Simpson LUS24 w/ (1)2x4 SP_#1_12A supporting member.
(4) 0.148"x3" nails into supporting member,
(2) 0.148"x3" nails into supported member.

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 C, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

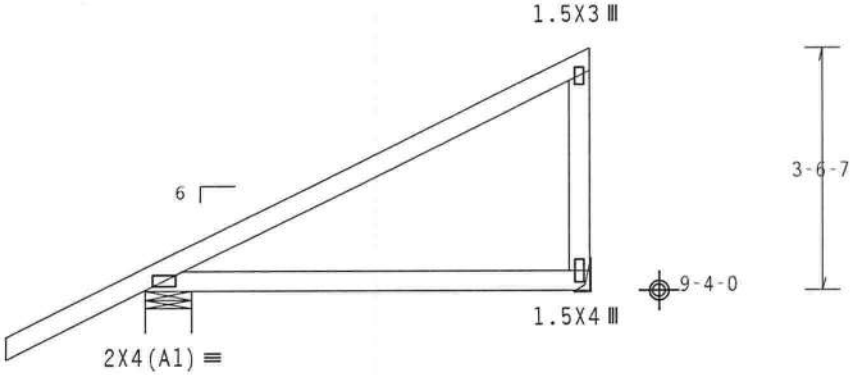
Wind loads and reactions based on MWFRS with additional C&C member design.

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.

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



2-0-0 ← 6-4-8 Over 2 Supports →

R=389 U=59 W=8"
RL=102/-44

R=213 U=51
H=H1

Design Crit: FBC2010Res/TPI-2007(STD FT/RT=20%(0%)/10(0) 10.03.11 0209 20 QTY 3 FL/-/5/-/-/R/- Scale =.375"/Ft.

PLT TYP. Wave

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

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WALTER P. FINN LICENSE No.22838 STATE OF FLORIDA PROFESSIONAL ENGINEER
10/18/2012

TC LL	20.0 PSF	REF	R9114- 86692
TC DL	7.0 PSF	DATE	10/18/12
BC DL	10.0 PSF	DRW	HCUSR9114 12292016
BC LL	0.0 PSF		HC-ENG JB/WPF
TOT.LD.	37.0 PSF	SEQN-	24972
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UQF9114Z01

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

(12-297--Fill in later Schnable Renovation/Add. -- Lake City, FL - CJ5 5' Jack)

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

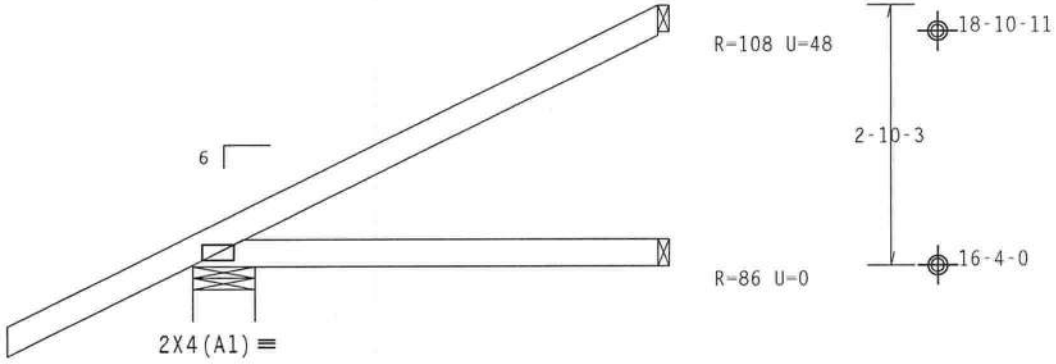
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

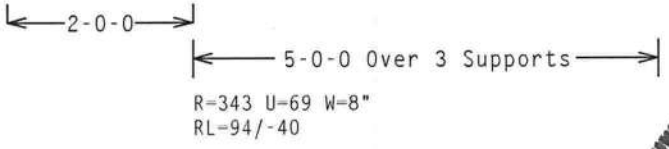
Bottom chord checked for 10.00 psf non-concurrent live load.

120 mph wind, 17.43 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 4.50 ft from roof edge, RISK CAT II, EXP C, 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)
FT/RT=20%(0%)/10(0)

10.03.02.22839

PLT TYP. Wave

QTY: FL/-/5/-/-/R/-

Scale =.5"/Ft.

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

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WALTER P. FINN LICENSE No. 22839 STATE OF FLORIDA PROFESSIONAL ENGINEER

10/18/2012

TC LL	20.0 PSF	REF R9114- 86693
TC DL	7.0 PSF	DATE 10/18/12
BC DL	10.0 PSF	DRW HCUSR9114 12292017
BC LL	0.0 PSF	HC-ENG JB/WPF
TOT.LD.	37.0 PSF	SEQN- 24973
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1UQF9114Z01

(12-297--Fill in later Schnable Renovation/Add. -- Lake City, FL - CJ1 1' Jack)

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

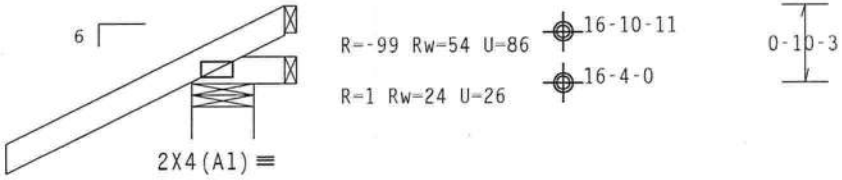
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

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

120 mph wind, 16.43 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, 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 FT/RT=20%(0%)/10(0) 10.03.11 0809.88 QTY FL/-/5/-/-/R/- Scale =.5"/Ft.

PLT TYP. Wave

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

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WALTER P. FINN LICENSE No.22839 STATE OF FLORIDA PROFESSIONAL ENGINEER
10/18/2012

TC LL	20.0 PSF	REF	R9114- 86694
TC DL	7.0 PSF	DATE	10/18/12
BC DL	10.0 PSF	DRW	HCUSR9114 12292018
BC LL	0.0 PSF	HC-ENG	JB/WPF
TOT.LD.	37.0 PSF	SEQN-	24974
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UQF9114Z01

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

(12-297--Fill in later Schnable Renovation/Add. -- Lake City, FL - CJ3 3' Jack)

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

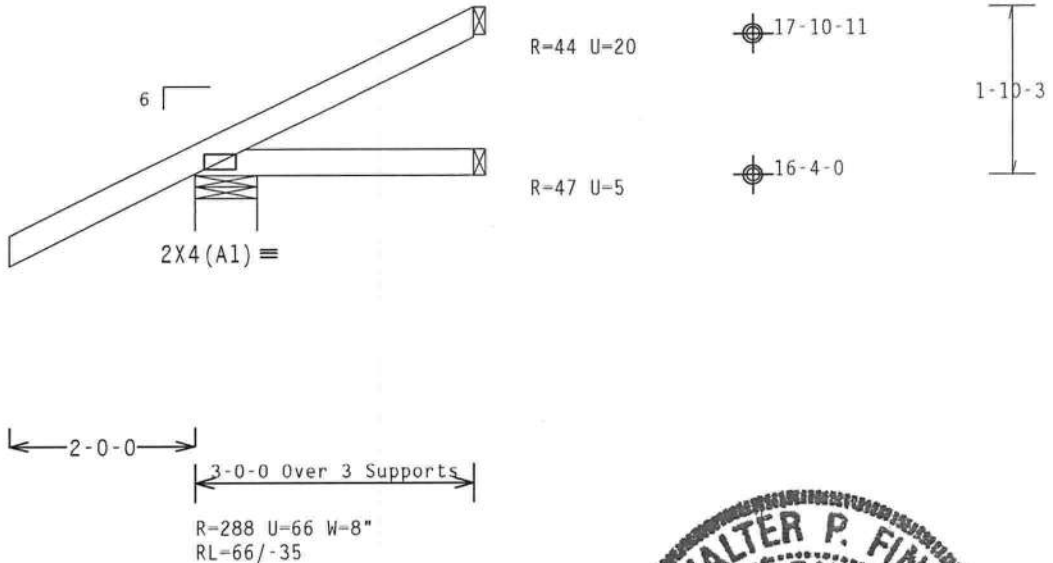
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

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

120 mph wind, 16.93 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, 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) 10.03.11.0209.20 QTY:7 FL/-/5/-/-/R/-

PLT TYP. Wave FT/RT=20%(0%)/10(0) Scale =.5"/Ft.

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

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WALTER P. FINN LICENSE No.22839 STATE OF FLORIDA PROFESSIONAL ENGINEER
10/18/2012

TC LL	20.0 PSF	REF	R9114- 86695
TC DL	7.0 PSF	DATE	10/18/12
BC DL	10.0 PSF	DRW	HCUSR9114 12292019
BC LL	0.0 PSF	HC-ENG	JB/WPF
TOT.LD.	37.0 PSF	SEQN-	24975
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UQF9114Z01

(12-297--Fill in later Schnable Renovation/Add. -- Lake City, FL - A 23'4" 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.

(H1) = (J) Hanger not calculated (2)2x4 SP_#1_12A supporting member.

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

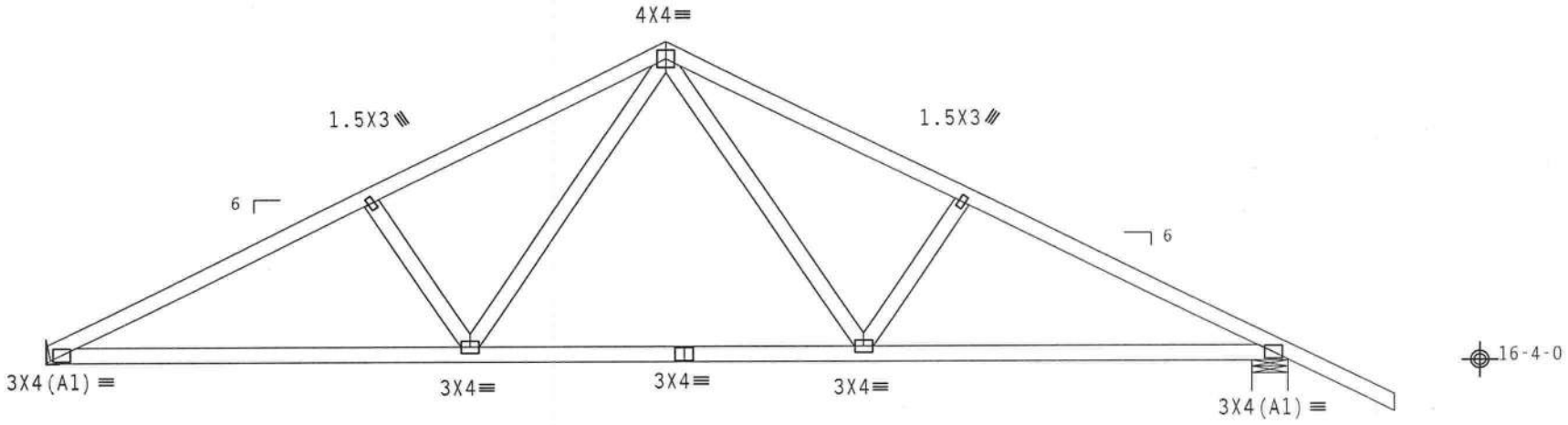
MWFRS loads based on trusses located at least 9.55 ft. from roof edge.

120 mph wind, 19.10 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP C, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

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

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

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



Design Crit: FBC2010Res/TPI-2007(STD) 10.03 11.0209 20 QTY 7 FL/-/5/-/-/R/- Scale =.3125"/Ft.

PLT TYP. Wave FT/RT=20%(0%)/10(0)

WALTER P. FINN LICENSE No.22839 STATE OF FLORIDA PROFESSIONAL ENGINEER 10/18/2012

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

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TC LL	20.0 PSF	REF	R9114- 86696
TC DL	7.0 PSF	DATE	10/18/12
BC DL	10.0 PSF	DRW	HCUSR9114 12292020
BC LL	0.0 PSF	HC-ENG	JB/WPF
TOT.LD.	37.0 PSF	SEQN-	24977
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UQF9114Z01

(12-297--Fill in later Schnable Renovation/Add. -- Lake City, FL - CJ5A 5' Jack)

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

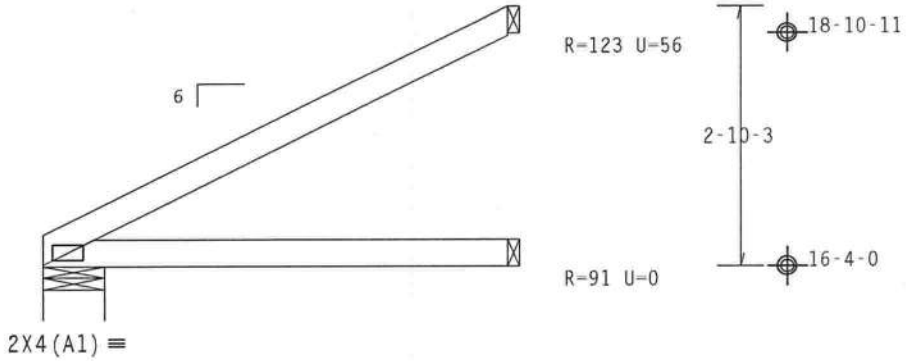
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

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

120 mph wind, 17.93 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 4.50 ft from roof edge, RISK CAT II, EXP C, 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=195 U=20 W=8"
RL=68

Design Crit: FBC2010Res/TPI-2007(STD
FT/RT=20%(0%)/10(0)

10.03.11 0809.30

QTY 1

FL/-/5/-/-/R/-

Scale =.5"/Ft.

PLT TYP. Wave

WALTER P. FINN LICENSE No.22839 STATE OF FLORIDA PROFESSIONAL ENGINEER

10/18/2012

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

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TC LL	20.0 PSF	REF	R9114- 86697
TC DL	7.0 PSF	DATE	10/18/12
BC DL	10.0 PSF	DRW	HCUSR9114 12292021
BC LL	0.0 PSF	HC-ENG	JB/WPF
TOT.LD.	37.0 PSF	SEQN-	24978
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UQF9114Z01

(12-297--Fill in later Schnable Renovation/Add. -- Lake City, FL - CJ3A 3' Jack)

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

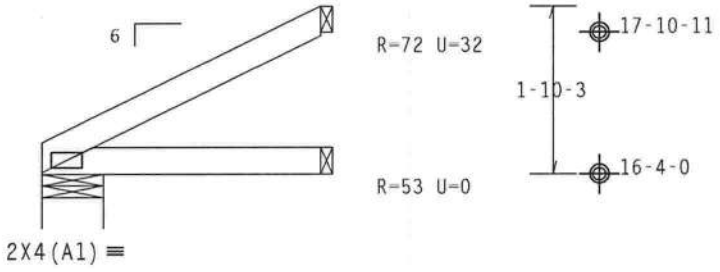
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

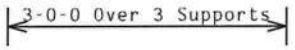
Bottom chord checked for 10.00 psf non-concurrent live load.

120 mph wind, 17.43 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, 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=119 U=10 W=8"
RL=40

Design Crit: FBC2010Res/TPI-2007(STD
FT/RT=20%(0%)/10(0) 10.03.11 0800.88 QTY FL/-/5/-/-/R/- Scale =.5"/Ft.

PLT TYP. Wave

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

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WALTER P. FINN LICENSE No.22839 STATE OF FLORIDA PROFESSIONAL ENGINEER
10/18/2012

TC LL	20.0 PSF	REF	R9114- 86698
TC DL	7.0 PSF	DATE	10/18/12
BC DL	10.0 PSF	DRW	HCUSR9114 12292022
BC LL	0.0 PSF		HC-ENG JB/WPF
TOT.LD.	37.0 PSF	SEQN-	24979
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UQF9114Z01

(12-297--Fill in later Schnable Renovation/Add. -- Lake City, FL - CJ1A 1' Jack)

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

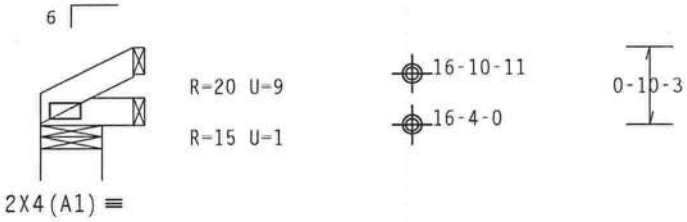
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

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

120 mph wind, 16.93 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, 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)
FT/RT=20%(0%)/10(0)
10.03.1
TY:
FL/-/5/-/-/R/-
Scale =.5"/Ft.

PLT TYP. Wave

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

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WALTER P. FINN LICENSE No.22839 STATE OF FLORIDA PROFESSIONAL ENGINEER

10/18/2012

TC LL	20.0 PSF	REF R9114- 86699
TC DL	7.0 PSF	DATE 10/18/12
BC DL	10.0 PSF	DRW HCUSR9114 12292023
BC LL	0.0 PSF	HC-ENG JB/WPF
TOT.LD.	37.0 PSF	SEQN- 24980
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1UQF9114Z01

(12-297--Fill in later Schnable Renovation/Add. -- Lake City, FL - EJ7 7' End Jack)

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

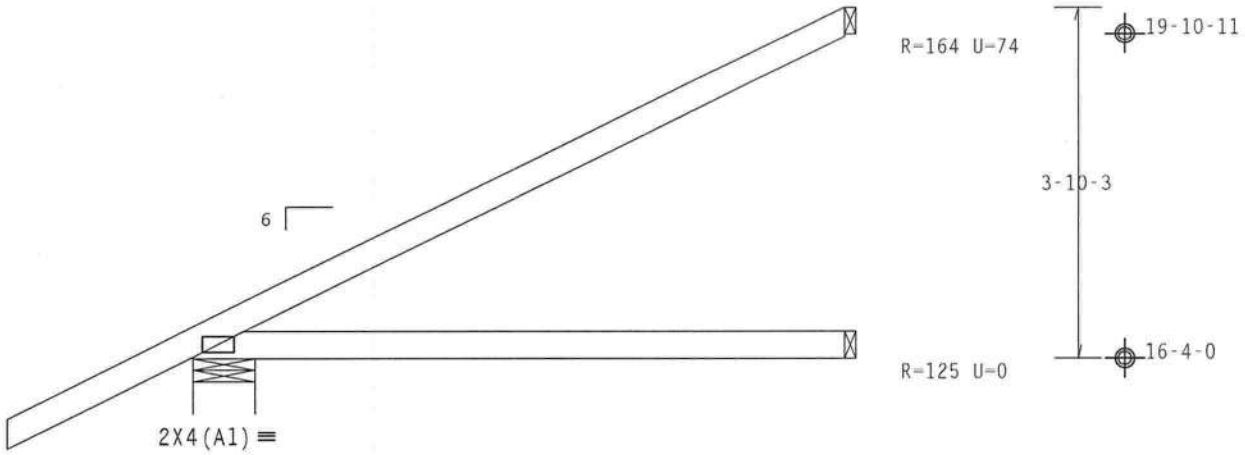
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

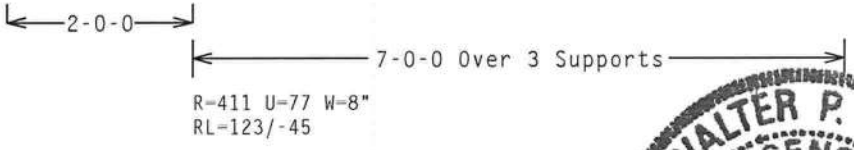
Bottom chord checked for 10.00 psf non-concurrent live load.

120 mph wind, 17.93 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 4.50 ft from roof edge, RISK CAT II, EXP C, 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 FT/RT=20%(0%)/10(0) 10.03.11.0209.20 QTY 11 FL/-/5/-/-/R/- Scale =.5"/Ft.

PLT TYP. Wave

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

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WALTER P. FINN LICENSE No. 22839 STATE OF FLORIDA PROFESSIONAL ENGINEER
10/18/2012

TC LL	20.0 PSF	REF	R9114- 86700
TC DL	7.0 PSF	DATE	10/18/12
BC DL	10.0 PSF	DRW	HCUSR9114 12292024
BC LL	0.0 PSF		HC-ENG JB/WPF
TOT.LD.	37.0 PSF	SEQN-	24981
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UQF9114Z01

(12-297--Fill in later Schnable Renovation/Add. -- Lake City, FL - M1 12'7" 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.

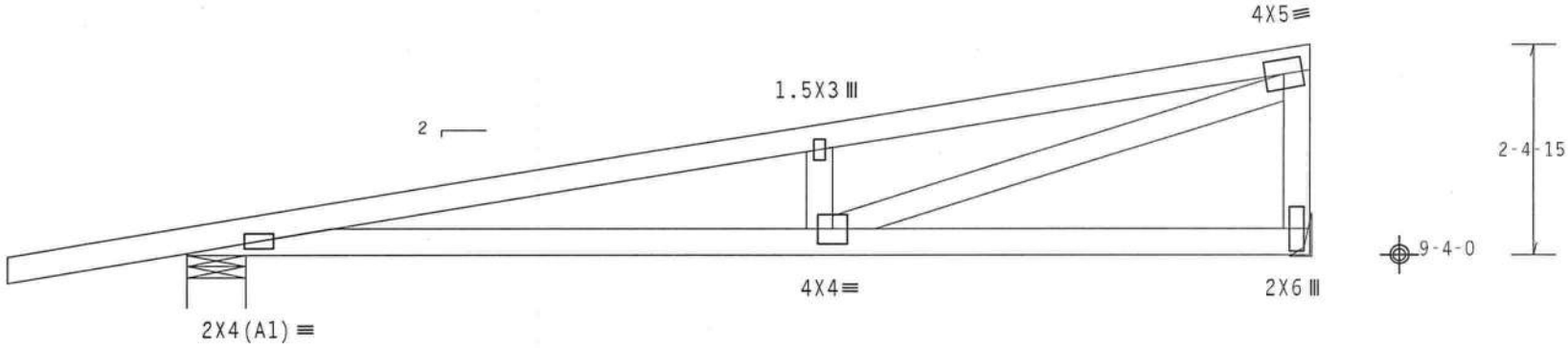
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

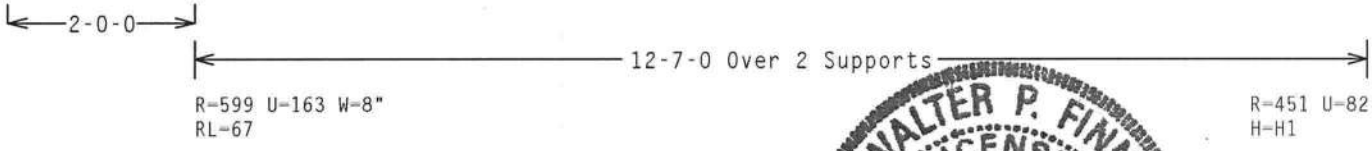
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP C, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

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 0809.88 QTY 1 FL/-/5/-/-/R/-

FT/RT=20%(0%)/10(0)

PLT TYP. Wave

Scale =.5"/Ft.

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

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WALTER P. FINN LICENSE No.22839 STATE OF FLORIDA PROFESSIONAL ENGINEER
10/18/2012

TC LL	20.0 PSF	REF R9114- 86701
TC DL	7.0 PSF	DATE 10/18/12
BC DL	10.0 PSF	DRW HCUSR9114 12292025
BC LL	0.0 PSF	HC-ENG JB/WPF
TOT.LD.	37.0 PSF	SEQN- 24984
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1UQF9114Z01

(12-297--Fill in later Schnable Renovation/Add. -- Lake City, FL - M2 12'8" 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.

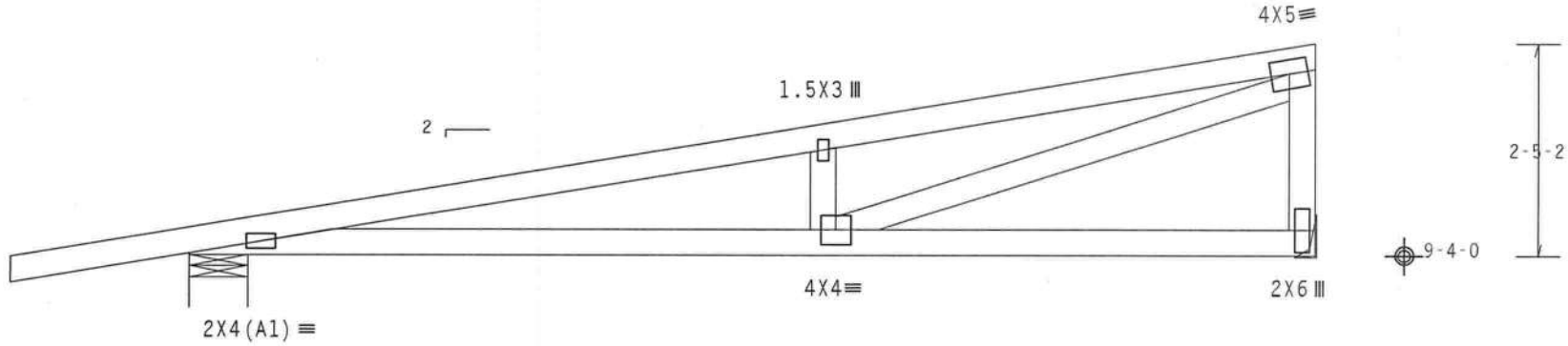
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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 C, 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
FT/RT=20%(0%)/10(0)
10.03.
QTY:
FL/-/5/-/-/R/-
Scale =.5"/Ft.

PLT TYP. Wave

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

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WALTER P. FINN LICENSE No.22839 STATE OF FLORIDA PROFESSIONAL ENGINEER

10/18/2012

TC LL	20.0 PSF	REF	R9114- 86702
TC DL	7.0 PSF	DATE	10/18/12
BC DL	10.0 PSF	DRW	HCUSR9114 12292026
BC LL	0.0 PSF	HC-ENG	JB/WPF
TOT.LD.	37.0 PSF	SEQN-	24985
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UQF9114Z01

(12-297--Fill in later Schnable Renovation/Add. -- Lake City, FL - C1 14'9" Stepdown 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.

End verticals exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

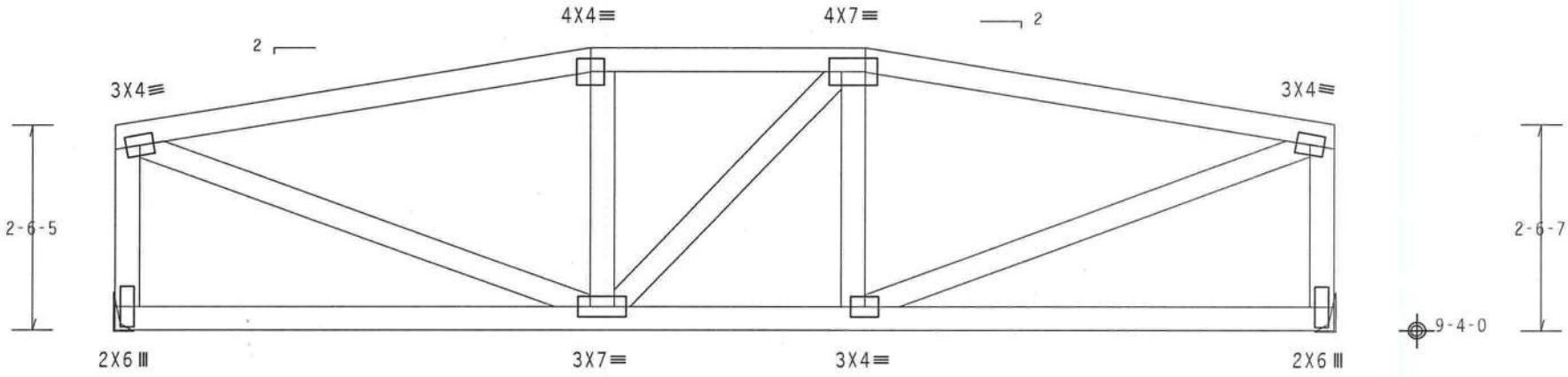
MWFRS loads based on trusses located at least 15.00 ft. from roof edge.

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 C, 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.



5-9-0 | 3-4-0 | 5-8-0

14-9-0 Over 2 Supports

R=547 U=101
RL=69/-68
H=H1

R=547 U=101
H=H2

Design Crit: FBC2010Res/TPI-2007(STD

PLT TYP. Wave FT/RT=20%(0%)/10(0) 10.03.11.0209.20 QTY: 1 FL/-/5/-/-/R/- Scale =.5"/Ft.

WALTER P. FINN LICENSE No. 22839 STATE OF FLORIDA PROFESSIONAL ENGINEER

10/18/2012

ALPINE
ITW 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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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	R9114- 86703
DATE	10/18/12
DRW	HCUSR9114 12292027
HC-ENG	JB/WPF
SEQN-	24986
JREF-	1UQF9114Z01

(12-297--Fill in later Schnable Renovation/Add. -- Lake City, FL - H15B 41'4" Stepdown Hip)

Top chord 2x4 SP_#1_12A :T1, T5 2x4 SP M-30:
Bot chord 2x6 SP_SS_12A :B2 2x6 SP_#2_12A:
Webs 2x4 SP_#3__12A

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

Calculated horizontal deflection is 0.14" due to live load and 0.17" due to dead load.

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

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

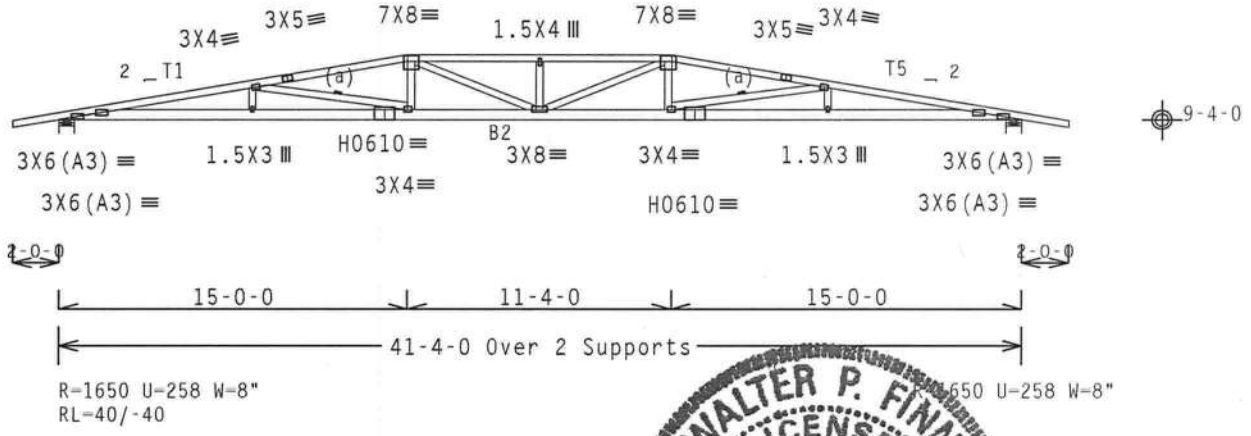
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 13.00 ft from roof edge, RISK CAT II, EXP C, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

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

(a) Continuous lateral bracing equally spaced on member.

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

Calculated vertical deflection is 1.11" due to live load and 1.36" due to dead load at X = 20-8-0.



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. 20 Gauge HS,Wave

FT/RT=20%(0%)/10(0)

10.03.

QTY:

FL/-/5/-/-/R/-

Scale =.125"/Ft.

WALTER P. FINN LICENSE No. 22839 STATE OF FLORIDA PROFESSIONAL ENGINEER

10/18/2012

ALPINE
ITW Building 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	R9114- 86704
DATE	10/18/12
DRW	HCUSR9114 12292028
HC-ENG	JB/WPF
SEQN-	25033
JREF-	1UQF9114Z01

(12-297--Fill in later Schnable Renovation/Add. -- Lake City, FL - H13B 41'4" Stepdown Hip)

Top chord 2x4 SP_#1_12A
Bot chord 2x6 SP_SS_12A :B2 2x6 SP_#1_Dense_12A:
Webs 2x4 SP_#3__12A

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

Calculated horizontal deflection is 0.14" due to live load and 0.17" due to dead load.

Calculated vertical deflection is 1.21" due to live load and 1.49" due to dead load at X = 18-1-15.

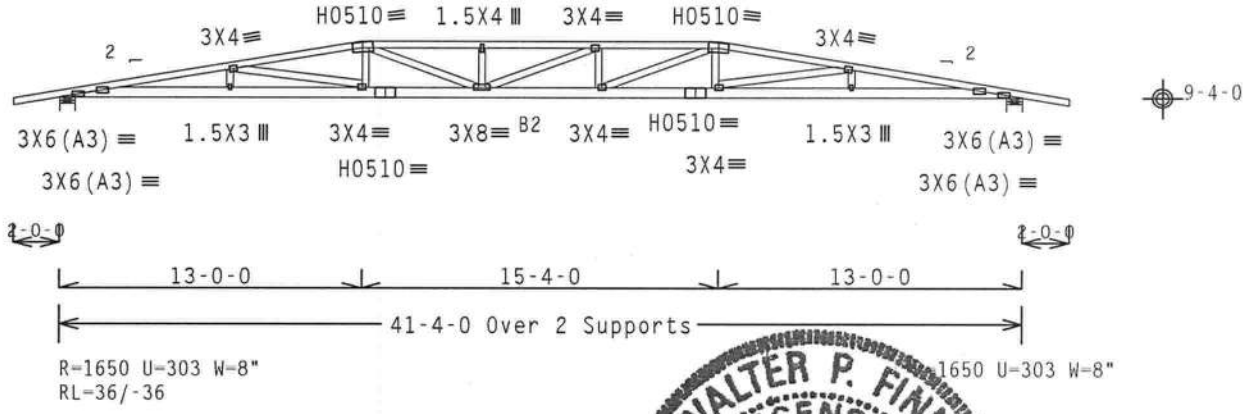
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 13.00 ft from roof edge, RISK CAT II, EXP C, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

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.

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



Design Crit: FBC2010Res/TPI-2007(STD

PLT TYP. 20 Gauge HS,Wave FT/RT=20%(0%)/10(0) 10.03.11.0809.20 QTY 1 FL/-/5/-/-/R/- Scale =.125"/Ft.

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

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WALTER P. FINN LICENSE No.22839 STATE OF FLORIDA PROFESSIONAL ENGINEER
10/18/2012

TC LL	20.0 PSF	REF R9114- 86705
TC DL	7.0 PSF	DATE 10/18/12
BC DL	10.0 PSF	DRW HCUSR9114 12292029
BC LL	0.0 PSF	HC-ENG JB/WPF
TOT.LD.	37.0 PSF	SEQN- 25038
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1UQF9114Z01

(12-297--Fill in later Schnable Renovation/Add. -- Lake City, FL - H11B 41'4" Stepdown 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.

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 C, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

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

Calculated vertical deflection is 0.80" due to live load and 0.99" due to dead load at X = 17-5-15.

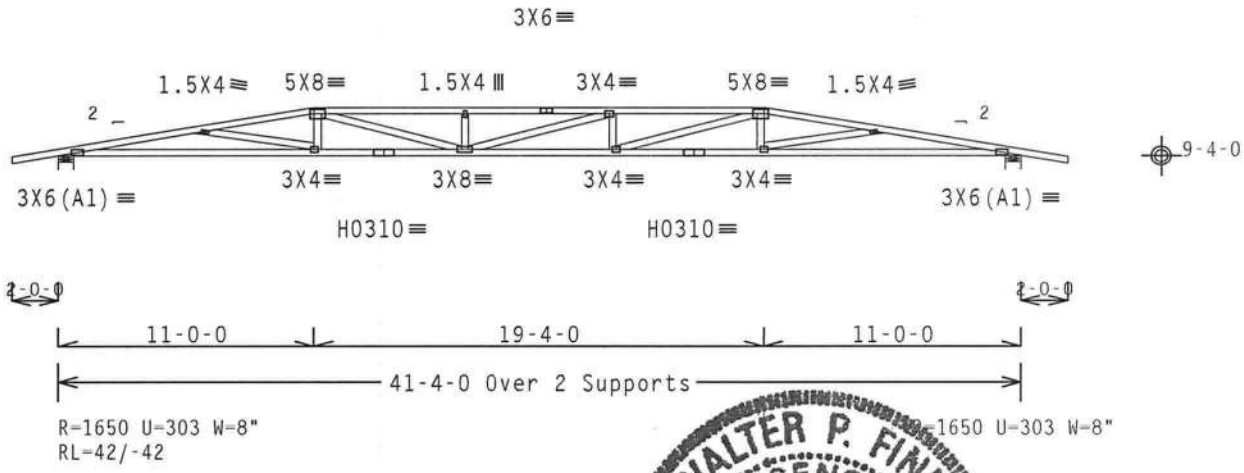
2 COMPLETE TRUSSES REQUIRED

Nail Schedule:0.128"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.

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.



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. 20 Gauge HS,Wave | FT/RT=20%(0%)/10(0) | 10.03.11.0209.20 | QTY 1 | FL/-/5/-/-/R/- | Scale =.125"/Ft.

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

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WALTER P. FINN LICENSE No.22839 STATE OF FLORIDA PROFESSIONAL ENGINEER
10/18/2012

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	R9114- 86706
DATE	10/18/12
DRW	HCUSR9114 12292030
HC-ENG	JB/WPF
SEQN-	25070
JREF-	1UQF9114Z01

(12-297--Fill in later Schnable Renovation/Add. -- Lake City, FL - CJ39 3' Jack)

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

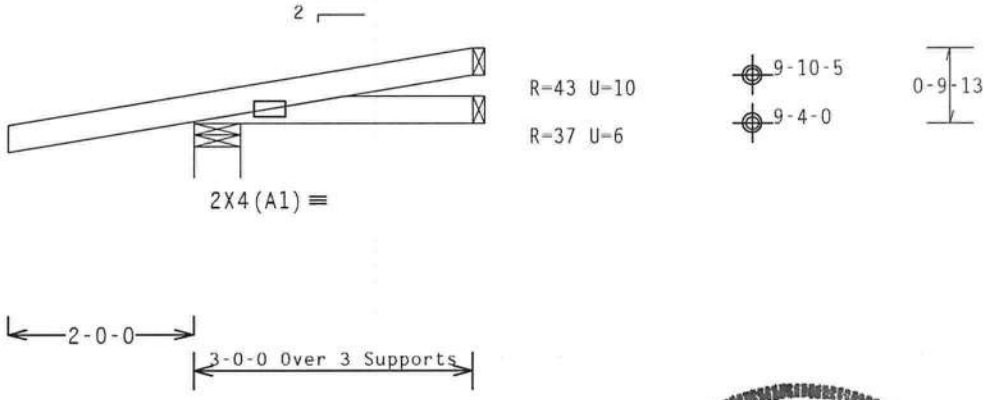
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

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 C, 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) 10.03 11.0209 20 QTY: 4 FL/-/5/-/-/R/-

PLT TYP. Wave

FT/RT=20%(0%)/10(0)

Scale =.5"/Ft.

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

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WALTER P. FINN LICENSE No.22839 STATE OF FLORIDA PROFESSIONAL ENGINEER
10/18/2012

TC LL	20.0 PSF	REF	R9114- 86708
TC DL	7.0 PSF	DATE	10/18/12
BC DL	10.0 PSF	DRW	HCUSR9114 12292031
BC LL	0.0 PSF	HC-ENG	JB/WPF
TOT.LD.	37.0 PSF	SEQN-	24996
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UQF9114Z01

(12-297--Fill in later Schnable Renovation/Add. -- Lake City, FL - CJ59 5' Jack)

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

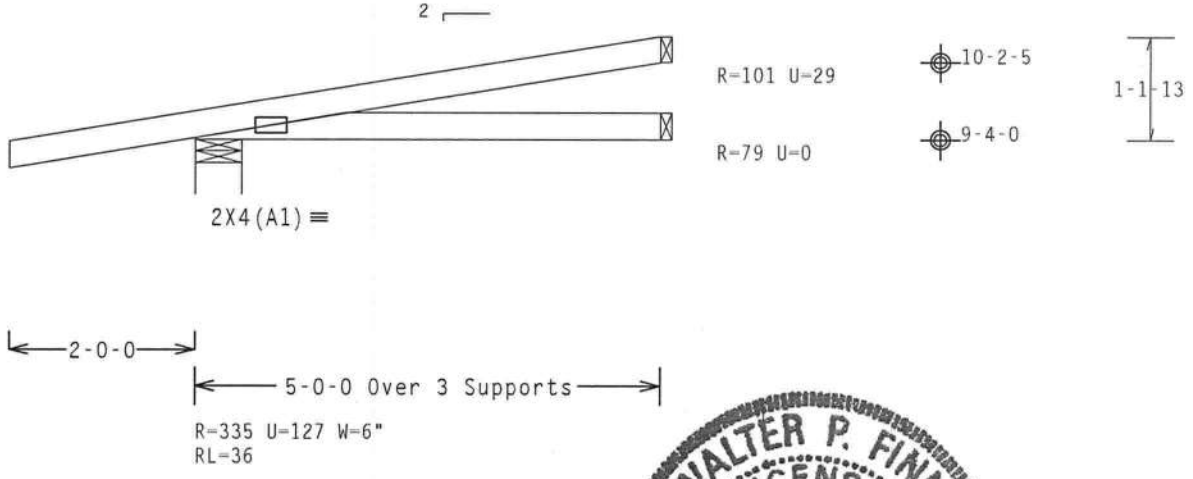
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

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 C, 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=20%(0%)/10(0) 10.03.11.0209.26 QTY 4 FL/-/5/-/-/R/- Scale =.5"/Ft.

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

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WALTER P. FINN LICENSE No.22838 STATE OF FLORIDA PROFESSIONAL ENGINEER
10/18/2012

TC LL	20.0 PSF	REF	R9114- 86709
TC DL	7.0 PSF	DATE	10/18/12
BC DL	10.0 PSF	DRW	HCUSR9114 12292032
BC LL	0.0 PSF		HC-ENG JB/WPF
TOT.LD.	37.0 PSF	SEQN-	24997
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1UQF9114Z01

(12-297--Fill in later Schnable Renovation/Add. -- Lake City, FL - CJ79 7' Jack)

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

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

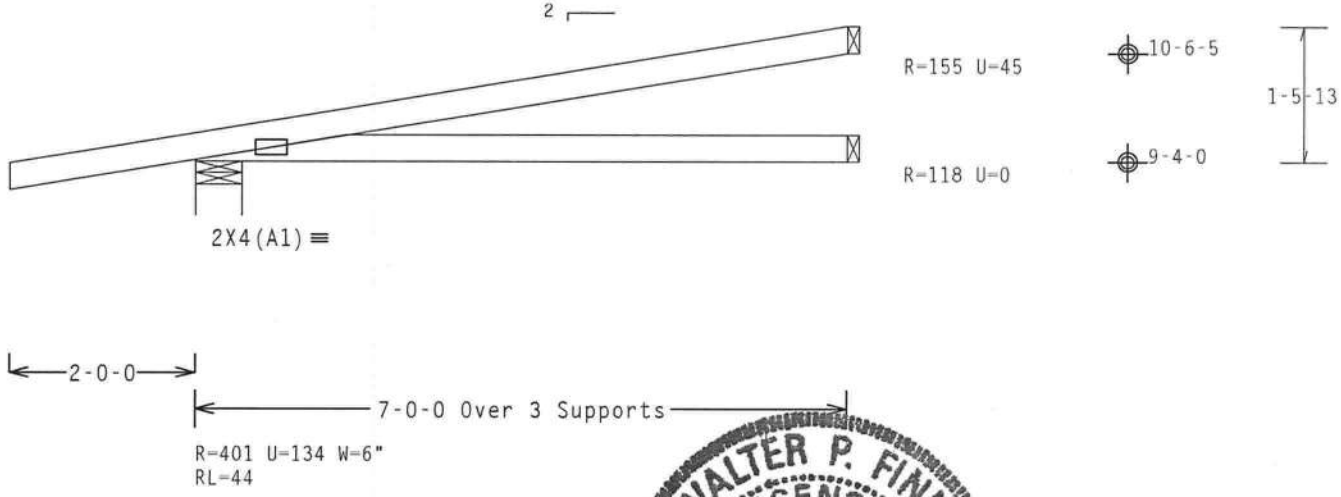
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

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 C, 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=20%(0%)/10(0) 10.03.11.0809.00 QTY 4 FL/-/5/-/-/R/- Scale =.5"/Ft.

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

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WALTER P. FINN LICENSE No.22839 STATE OF FLORIDA PROFESSIONAL ENGINEER
10/18/2012

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	R9114- 86710
DATE	10/18/12
DRW	HCUSR9114 12292033
HC-ENG	JB/WPF
SEQN-	24998
JREF-	1UQF9114Z01

(12-297--Fill in later Schnable Renovation/Add. -- 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.

(H1) = (J) Hanger not calculated (1)2x4 SP_#1_12A supporting member.

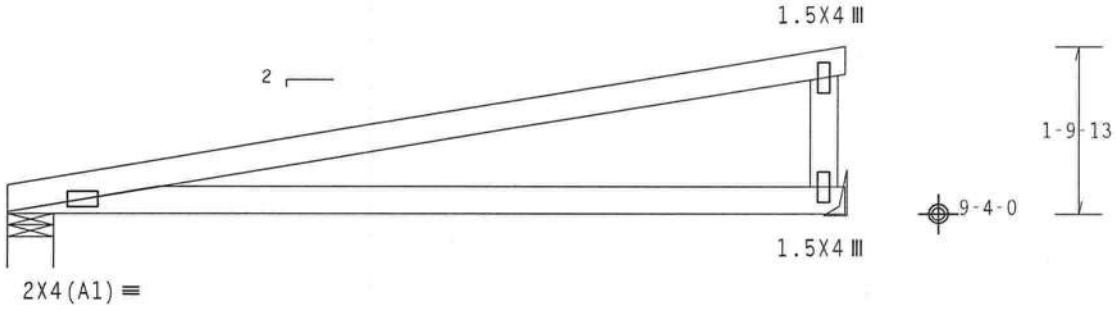
MWFRS loads based on trusses located at least 15.00 ft. from roof edge.

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 C, 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=336 U=55 W=6"
RL=37

Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave FT/RT=20%(0%)/10(0) 10.03.11.0309.00 QTY 5 FL/-/5/-/-/R/- Scale =.5"/Ft.

WALTER P. FINN LICENSE No.22838 STATE OF FLORIDA PROFESSIONAL ENGINEER

10/18/2012

ALPINE
ITW Building Components Group Inc.
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FL COA #0 278

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TC LL	20.0 PSF	REF	R9114- 86711
TC DL	7.0 PSF	DATE	10/18/12
BC DL	10.0 PSF	DRW	HCUSR9114 12292034
BC LL	0.0 PSF	HC-ENG	JB/WPF
TOT.LD.	37.0 PSF	SEQN-	25001
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UQF9114Z01

(12-297--Fill in later Schnable Renovation/Add. -- 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.

(H1) = (J) Hanger not calculated (1)2x4 SP_#1_12A supporting member.

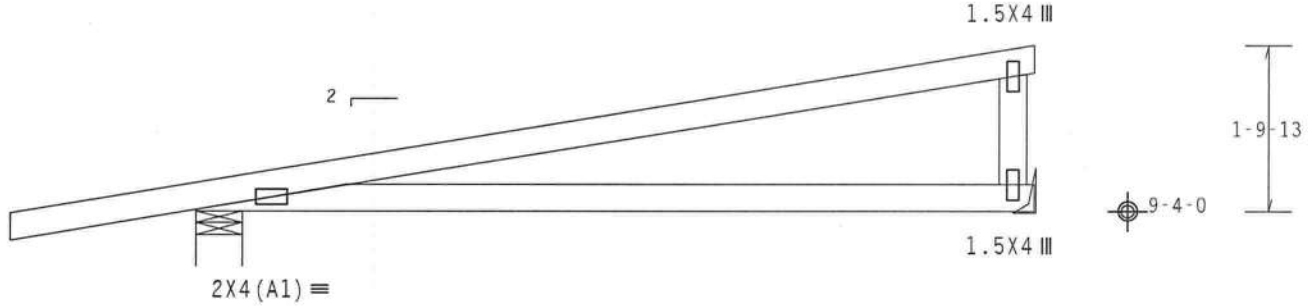
MWFRS loads based on trusses located at least 7.50 ft. from roof edge.

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 C, 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 QTY:8 FL/-/5/-/-/R/-

PLT TYP. Wave FT/RT=20%(0%)/10(0) Scale =.5"/Ft.

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

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WALTER P. FINN LICENSE No. 22839 STATE OF FLORIDA PROFESSIONAL ENGINEER
10/18/2012

TC LL	20.0 PSF	REF	R9114- 86712
TC DL	7.0 PSF	DATE	10/18/12
BC DL	10.0 PSF	DRW	HCUSR9114 12292035
BC LL	0.0 PSF		HC-ENG JB/WPF
TOT.LD.	37.0 PSF	SEQN-	25002
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UQF9114Z01

(12-297--Fill in later Schnable Renovation/Add. -- Lake City, FL - HJ7B 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.

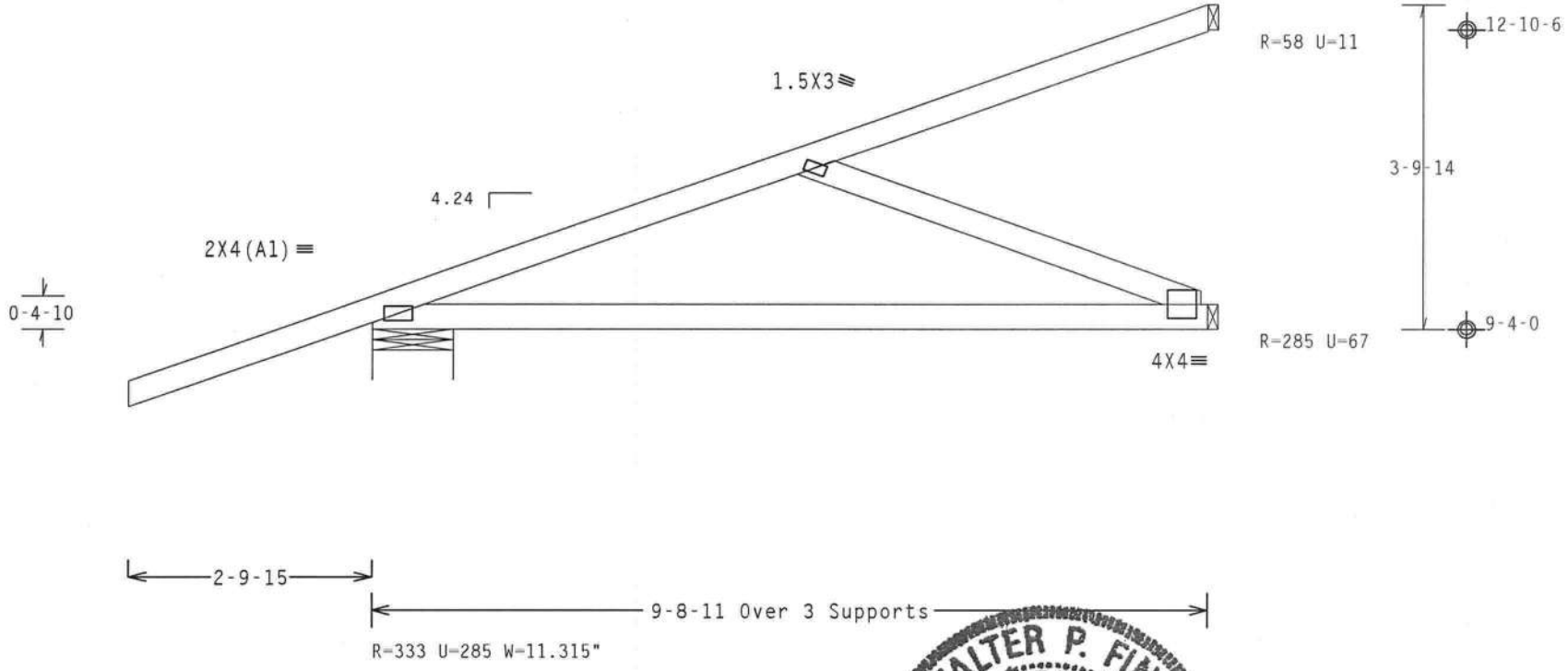
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP C, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

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 -2.83 to 55 plf at 0.00
TC- From 2 plf at 0.00 to 2 plf at 9.72
BC- From 0 plf at -2.83 to 4 plf at 0.00
BC- From 2 plf at 0.00 to 2 plf at 9.72
TC- -81.69 lb Conc. Load at 1.30
TC- 79.24 lb Conc. Load at 4.13
TC- 210.84 lb Conc. Load at 6.96
BC- 1.08 lb Conc. Load at 1.30
BC- 91.58 lb Conc. Load at 4.13
BC- 170.88 lb Conc. Load at 6.96

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



Design Crit: FBC2010Res/TPI-2007(STD)
FT/RT=20%(0%)/10(0)
10.03.1[illegible]
QTY:

PLT TYP. Wave

FL/-/5/-/-/R/-

Scale =.5"/Ft.

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	R9114- 86713
DATE	10/18/12
DRW	HCUSR9114 12292039
	HC-ENG JB/WPF
SEQN-	25003
	JREF- 1UQF9114Z01

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

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WALTER P. FINN LICENSE No.22839 STATE OF FLORIDA PROFESSIONAL ENGINEER

10/18/2012

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

(12-297--Fill in later Schnable Renovation/Add. -- Lake City, FL - EJ73 7' End 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 C, 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.

Left end vertical not exposed to wind pressure.

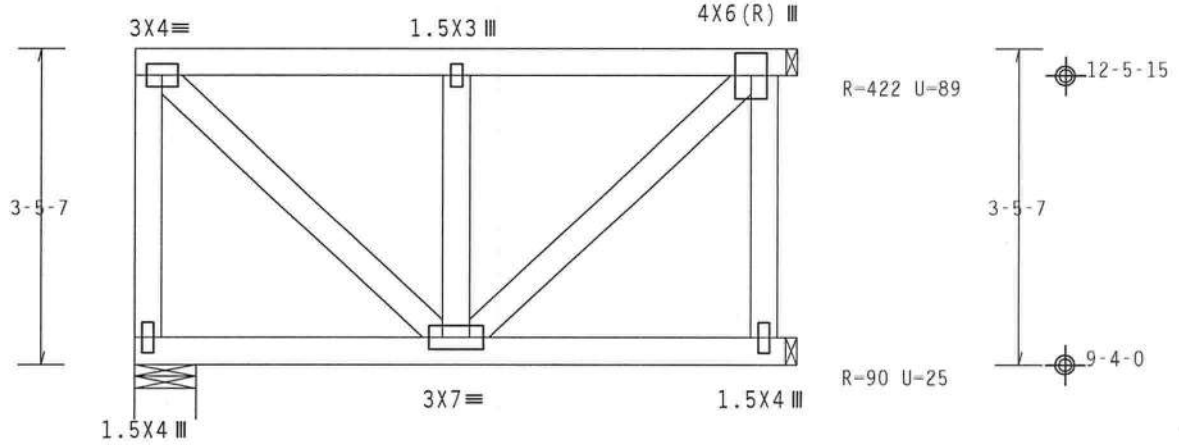
Special loads
------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 54 plf at 0.00 to 54 plf at 2.06
TC- From 27 plf at 2.06 to 27 plf at 7.00
BC- From 20 plf at 0.00 to 20 plf at 2.06
BC- From 10 plf at 2.06 to 10 plf at 7.00
BC- 213.38 lb Conc. Load at 2.06, 4.06, 6.06

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.

Truss must be installed as shown with top chord up.

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



Design Crit: FBC2010Res/TPI-2007(STD) 10/03. No.022839 QTY: FL/-/5/-/-/R/- Scale =.5"/Ft.

PLT TYP. Wave FT/RT=20%(0%)/10(0)

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

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WALTER P. FINN LICENSE No.22839 STATE OF FLORIDA PROFESSIONAL ENGINEER
10/18/2012

TC LL	20.0 PSF	REF R9114- 86714
TC DL	7.0 PSF	DATE 10/18/12
BC DL	10.0 PSF	DRW HCUSR9114 12292010
BC LL	0.0 PSF	HC-ENG JB/WPF
TOT.LD.	37.0 PSF	SEQN- 25005
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1UQF9114Z01

(12-297--Fill in later Schnable Renovation/Add. -- Lake City, FL - CG 16'1" Common 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.

Special loads
------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 56 plf at 0.00 to 56 plf at 8.04
TC- From 56 plf at 8.04 to 56 plf at 16.08
BC- From 20 plf at 0.00 to 20 plf at 2.40
BC- From 10 plf at 2.40 to 10 plf at 13.60
BC- From 20 plf at 13.60 to 20 plf at 16.08
BC- 923.21 lb Conc. Load at 2.40, 4.40, 6.40, 8.40 9.60,11.60,13.60

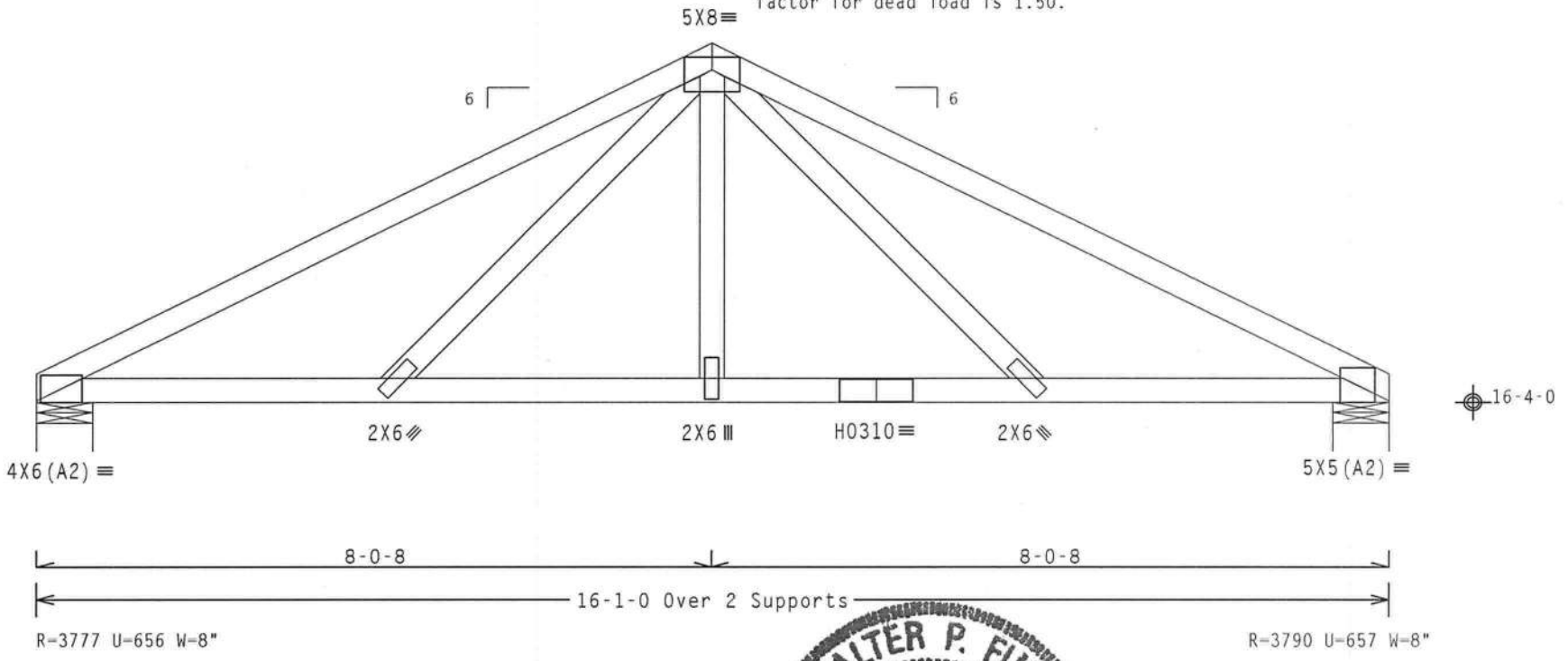
2 COMPLETE TRUSSES REQUIRED

Nail Schedule:0.128"x3", min. nails
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @ 3.75" 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, 18.69 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP C, 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. 20 Gauge HS,Wave FT/RT=20%(0%)/10(0) 10.03.11 0809.08 QTY FL/-/5/-/-/R/- Scale =.5"/Ft.

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

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WALTER P. FINN LICENSE No.22839 STATE OF FLORIDA PROFESSIONAL ENGINEER
10/18/2012

TC LL	20.0 PSF	REF R9114- 86715
TC DL	7.0 PSF	DATE 10/18/12
BC DL	10.0 PSF	DRW HCUSR9114 12292046
BC LL	0.0 PSF	HC-ENG JB/WPF
TOT.LD.	37.0 PSF	SEQN- 25007
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1UQF9114Z01

(12-297--Fill in later Schnable Renovation/Add. -- 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.

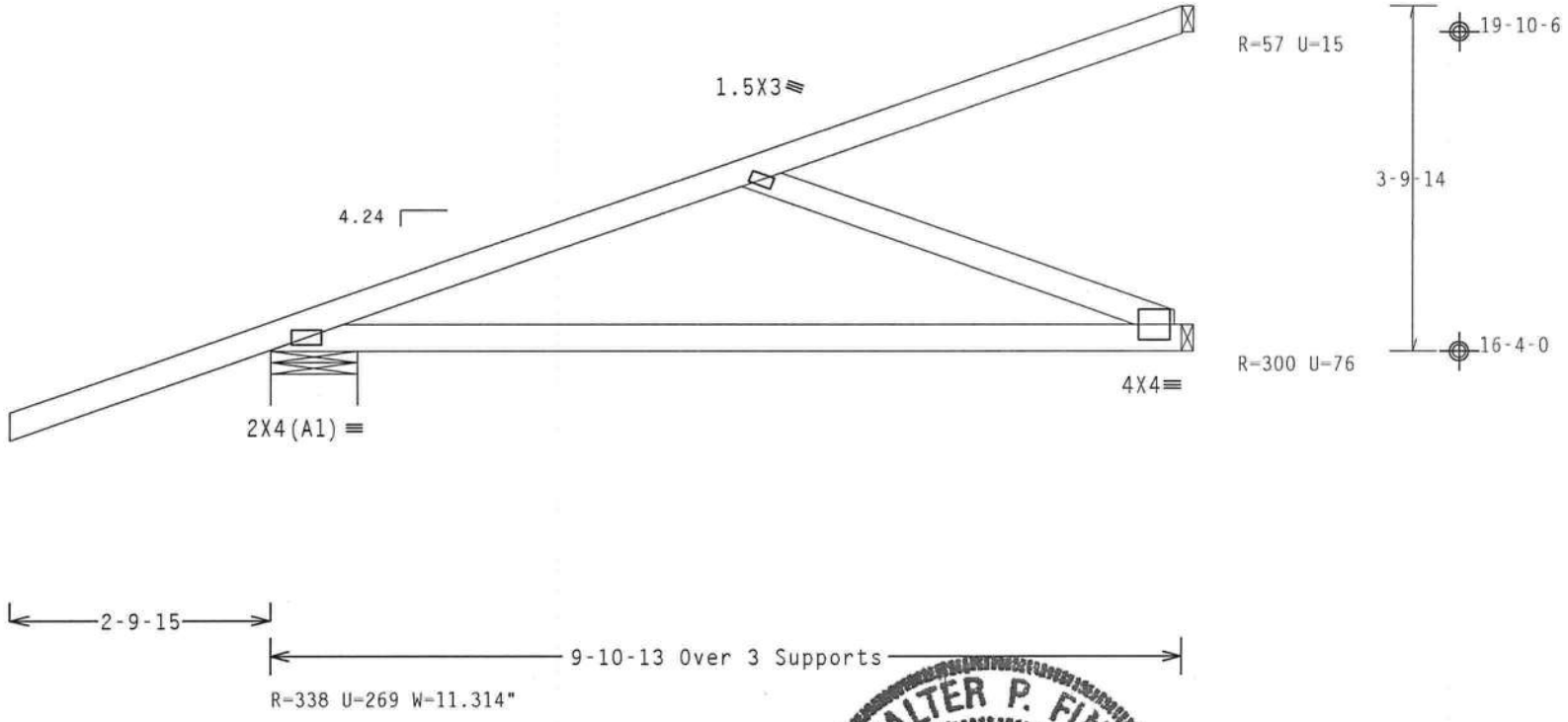
120 mph wind, 17.91 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP C, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

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 -2.83 to 55 plf at 0.00
TC- From 2 plf at 0.00 to 2 plf at 9.90
BC- From 0 plf at -2.83 to 4 plf at 0.00
BC- From 2 plf at 0.00 to 2 plf at 9.90
TC- -64.22 lb Conc. Load at 1.48
TC- 87.55 lb Conc. Load at 4.31
TC- 215.58 lb Conc. Load at 7.13
BC- 2.41 lb Conc. Load at 1.48
BC- 93.18 lb Conc. Load at 4.31
BC- 172.94 lb Conc. Load at 7.13

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



Design Crit: FBC2010Res/TPI-2007(STD
FT/RT=20%(0%)/10(0) 10.03. No.22839 QTY:
FL/-/5/-/-/R/-
Scale =.5"/Ft.

PLT TYP. Wave

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

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WALTER P. FINN LICENSE No.22839 STATE OF FLORIDA PROFESSIONAL ENGINEER
10/18/2012

TC LL	20.0 PSF	REF	R9114- 86716
TC DL	7.0 PSF	DATE	10/18/12
BC DL	10.0 PSF	DRW	HCUSR9114 12292040
BC LL	0.0 PSF		HC-ENG JB/WPF
TOT.LD.	37.0 PSF	SEQN-	25008
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UQF9114Z01

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

(12-297--Fill in later Schnable Renovation/Add. -- Lake City, FL - HJ7A 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.

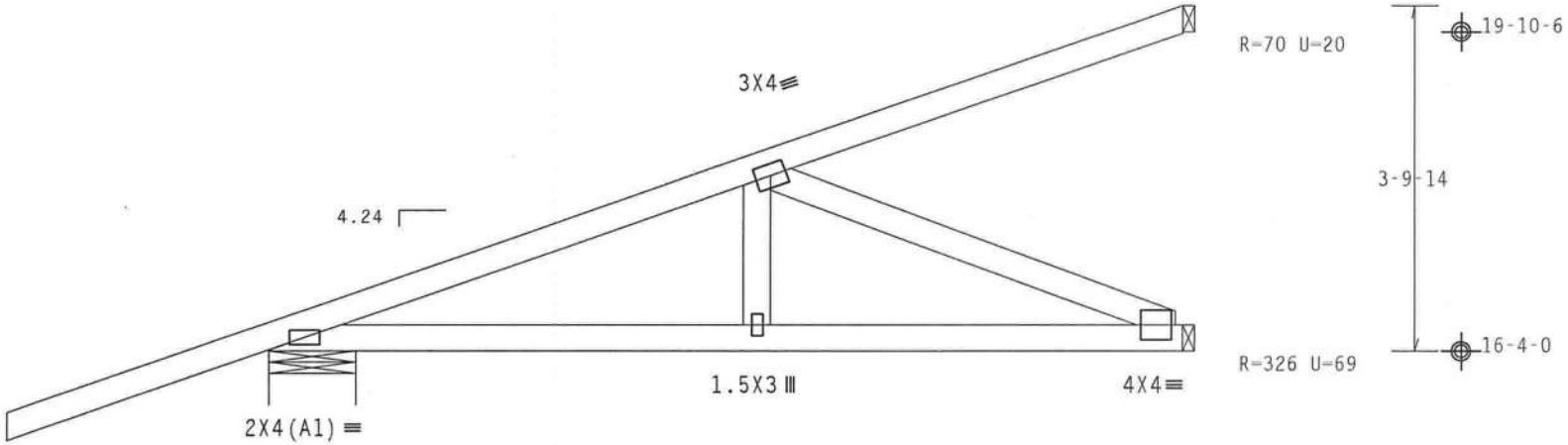
120 mph wind, 17.91 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP C, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

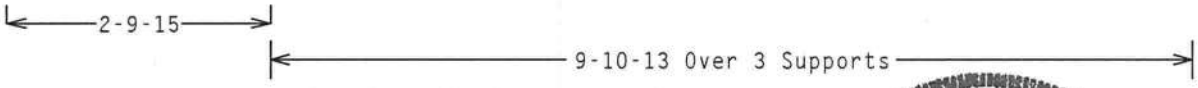
Wind loads and reactions based on MWFRS with additional C&C member design.

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 -2.83 to 55 plf at 0.00
TC- From 2 plf at 0.00 to 2 plf at 9.90
BC- From 0 plf at -2.83 to 4 plf at 0.00
BC- From 2 plf at 0.00 to 2 plf at 9.90
TC- -12.20 lb Conc. Load at 1.48
TC- 116.05 lb Conc. Load at 4.31
TC- 231.13 lb Conc. Load at 7.13
BC- 16.58 lb Conc. Load at 1.48
BC- 99.80 lb Conc. Load at 4.31
BC- 177.24 lb Conc. Load at 7.13

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





Design Crit: FBC2010Res/TPI-2007(STD) 10.03.11.0209.20 QTY: 1 FL/-/5/-/-/R/-

PLT TYP. Wave FT/RT=20%(0%)/10(0) Scale =.5"/Ft.

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

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WALTER P. FINN LICENSE No.22839 STATE OF FLORIDA PROFESSIONAL ENGINEER
10/18/2012

TC LL	20.0 PSF	REF	R9114- 86717
TC DL	7.0 PSF	DATE	10/18/12
BC DL	10.0 PSF	DRW	HCUSR9114 12292047
BC LL	0.0 PSF		HC-ENG JB/WPF
TOT.LD.	37.0 PSF	SEQN-	25010
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UQF9114Z01

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

(12-297--Fill in later Schnable Renovation/Add. -- Lake City, FL - H7A2 23'4" Stepdown Hip 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, 17.93 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP C, 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.

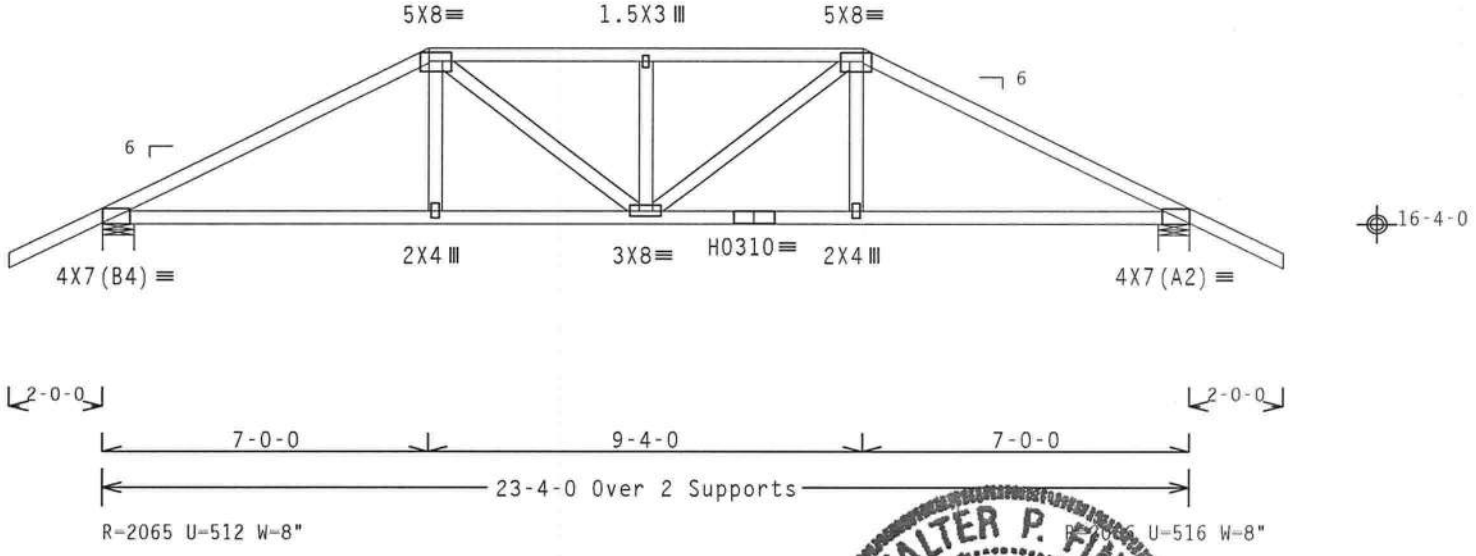
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Special loads

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

TC-	From	56 plf	at	-2.00	to	56 plf at 7.00
TC-	From	28 plf	at	7.00	to	28 plf at 16.33
TC-	From	56 plf	at	16.33	to	56 plf at 25.33
BC-	From	4 plf	at	-2.00	to	4 plf at 0.00
BC-	From	20 plf	at	0.00	to	20 plf at 7.03
BC-	From	10 plf	at	7.03	to	10 plf at 16.30
BC-	From	20 plf	at	16.30	to	20 plf at 23.33
BC-	From	4 plf	at	23.33	to	4 plf at 25.33

TC- 220.25 lb Conc. Load at 7.03
TC- 163.57 lb Conc. Load at 9.06,11.06,12.27,14.27
TC- 243.93 lb Conc. Load at 16.30
BC- 425.53 lb Conc. Load at 7.03
BC- 125.03 lb Conc. Load at 9.06,11.06,12.27,14.27
BC- 453.86 lb Conc. Load at 16.30



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. 20 Gauge HS,Wave FT/RT=20%(0%)/10(0) 10.03.[illegible] QTY: FL/-/5/-/-/R/- Scale =.25"/Ft.

WALTER P. FINN LICENSE No. 22839 STATE OF FLORIDA PROFESSIONAL ENGINEER

10/18/2012

ALPINE
ITW Building 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	R9114- 86718
DATE	10/18/12
DRW	HCUSR9114 12292041
HC-ENG	JB/WPF
SEQN-	25012
JREF-	1UQF9114Z01

(12-297--Fill in later Schnable Renovation/Add. -- Lake City, FL - H7A 23'4" Stepdown Hip 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.

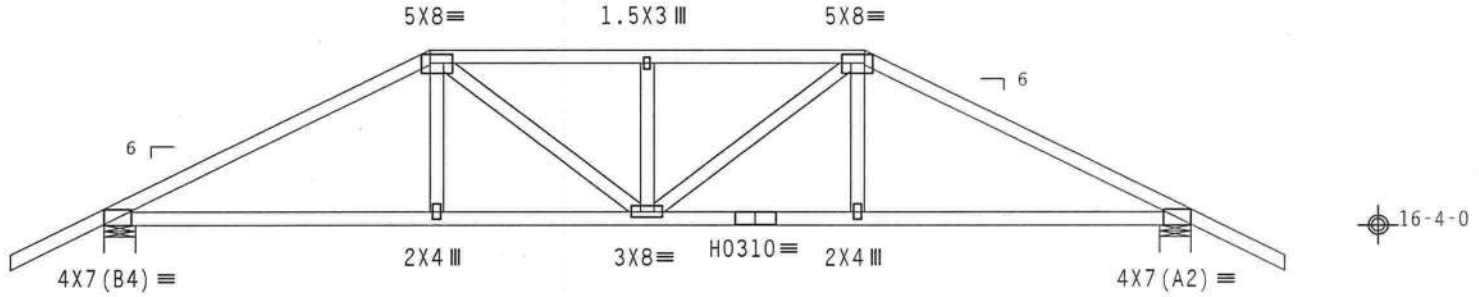
120 mph wind, 17.93 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP C, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

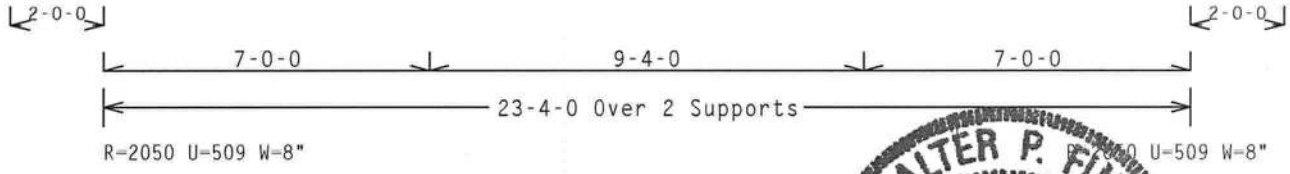
Wind loads and reactions based on MWFRS with additional C&C member design.

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

Special loads
------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 56 plf at -2.00 to 56 plf at 7.00
TC- From 28 plf at 7.00 to 28 plf at 16.33
TC- From 56 plf at 16.33 to 56 plf at 25.33
BC- From 4 plf at -2.00 to 4 plf at 0.00
BC- From 20 plf at 0.00 to 20 plf at 7.03
BC- From 10 plf at 7.03 to 10 plf at 16.30
BC- From 20 plf at 16.30 to 20 plf at 23.33
BC- From 4 plf at 23.33 to 4 plf at 25.33
TC- 220.25 lb Conc. Load at 7.03,16.30
TC- 163.57 lb Conc. Load at 9.06,11.06,12.27,14.27
BC- 425.53 lb Conc. Load at 7.03,16.30
BC- 125.03 lb Conc. Load at 9.06,11.06,12.27,14.27

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. 20 Gauge HS,Wave FT/RT=20%(0%)/10(0) 10.03. QTY: FL/-/5/-/-/R/- Scale =.25"/Ft.

WALTER P. FINN LICENSE No.22839 STATE OF FLORIDA PROFESSIONAL ENGINEER
10/18/2012

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

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TC LL	20.0 PSF	REF R9114- 86719
TC DL	7.0 PSF	DATE 10/18/12
BC DL	10.0 PSF	DRW HCUSR9114 12292042
BC LL	0.0 PSF	HC-ENG JB/WPF
TOT.LD.	37.0 PSF	SEQN- 25014
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1UQF9114Z01

(12-297--Fill in later Schnable Renovation/Add. -- Lake City, FL - EJ72 6'10"8 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.

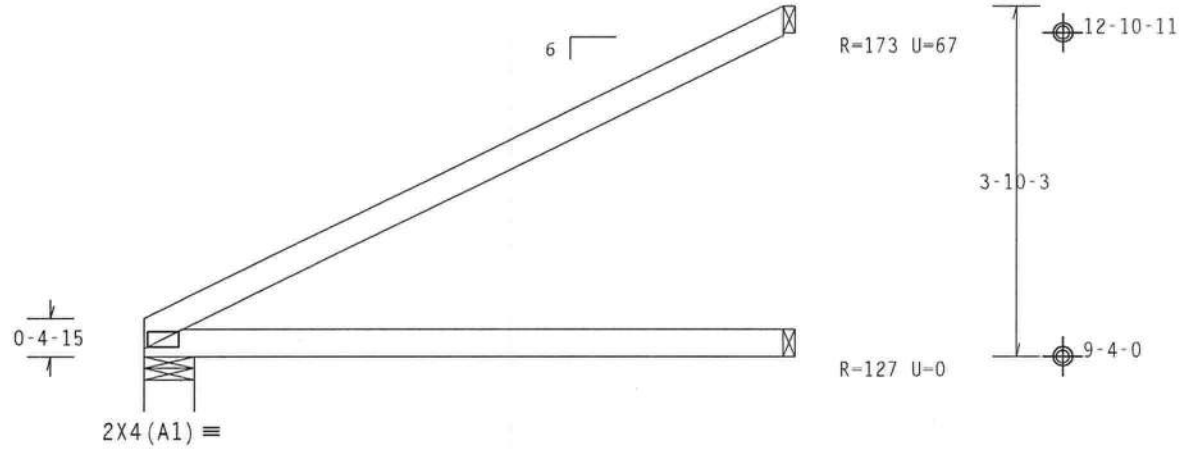
Bottom chord checked for 10.00 psf non-concurrent live load.

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 4.50 ft from roof edge, RISK CAT II, EXP C, 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=20%(0%)/10(0) 10.03.11.0209.20 QTY 4 FL/-/5/-/-/R/- Scale =.5"/Ft.

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

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WALTER P. FINN LICENSE No.22839 STATE OF FLORIDA PROFESSIONAL ENGINEER
10/18/2012

TC LL	20.0 PSF	REF	R9114- 86720
TC DL	7.0 PSF	DATE	10/18/12
BC DL	10.0 PSF	DRW	HCUSR9114 12292005
BC LL	0.0 PSF		HC-ENG JB/WPF
TOT.LD.	37.0 PSF	SEQN-	25075
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UQF9114Z01

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

(12-297--Fill in later Schnable Renovation/Add. -- Lake City, FL - H7A1 23'4" Stepdown Hip 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, not located within 4.50 ft from roof edge, RISK CAT II, EXP C, 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.

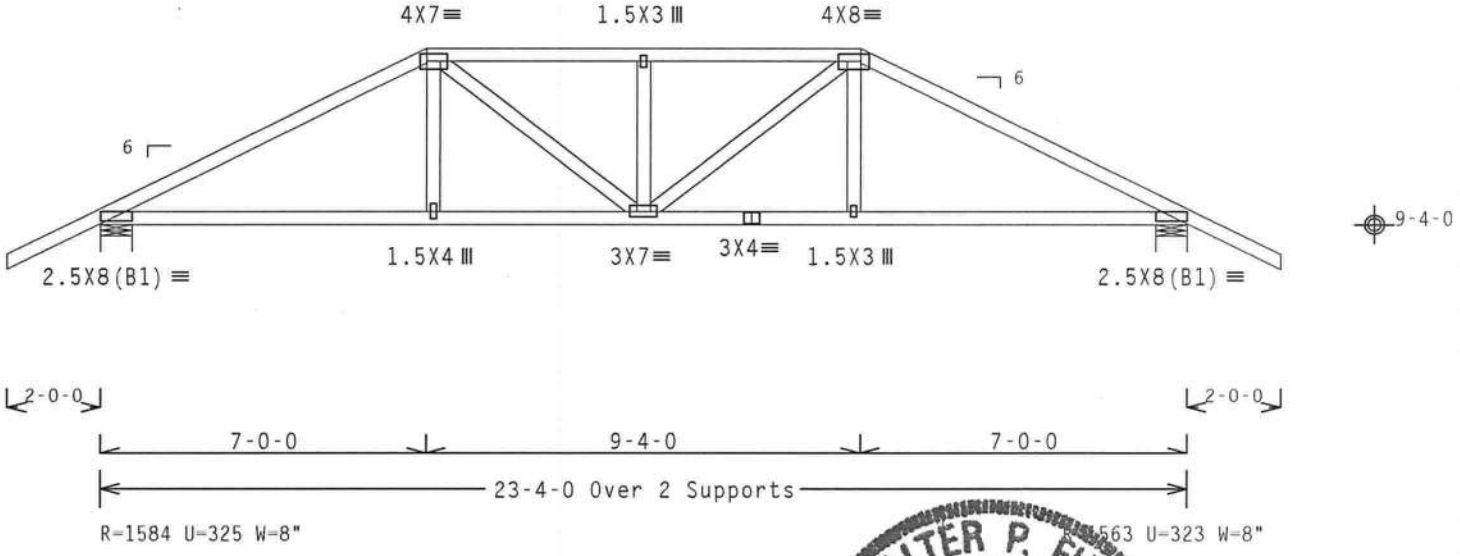
Special loads

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

TC- From	56 plf at	-2.00 to	56 plf at	7.00
TC- From	56 plf at	7.00 to	56 plf at	16.33
TC- From	56 plf at	16.33 to	56 plf at	25.33
BC- From	4 plf at	-2.00 to	4 plf at	0.00
BC- From	20 plf at	0.00 to	20 plf at	23.33
BC- From	4 plf at	23.33 to	4 plf at	25.33

TC- 219.67 lb Conc. Load at 7.03
TC- 422.39 lb Conc. Load at 16.90
BC- 409.00 lb Conc. Load at 7.03
BC- 89.86 lb Conc. Load at 16.90

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



Design Crit: FBC2010Res/TPI-2007(STD) 10.03.11.0209.20 QTY:1 FL/-/5/-/-/R/-

PLT TYP. Wave FT/RT=20%(0%)/10(0) Scale =.25"/Ft.

WALTER P. FINN LICENSE No. 22839 STATE OF FLORIDA PROFESSIONAL ENGINEER

10/18/2012

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

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TC LL	20.0 PSF	REF	R9114- 86721
TC DL	7.0 PSF	DATE	10/18/12
BC DL	10.0 PSF	DRW	HCUSR9114 12292048
BC LL	0.0 PSF	HC-ENG	JB/WPF
TOT.LD.	37.0 PSF	SEQN-	25077
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UQF9114Z01

(12-297--Fill in later Schnable Renovation/Add. -- Lake City, FL - HJ9 12'8"12 Hip Jack Girder)

Top chord 2x4 SP_#1_12A
Bot chord 2x4 SP M-30
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, not located within 4.50 ft from roof edge, RISK CAT II, EXP C, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

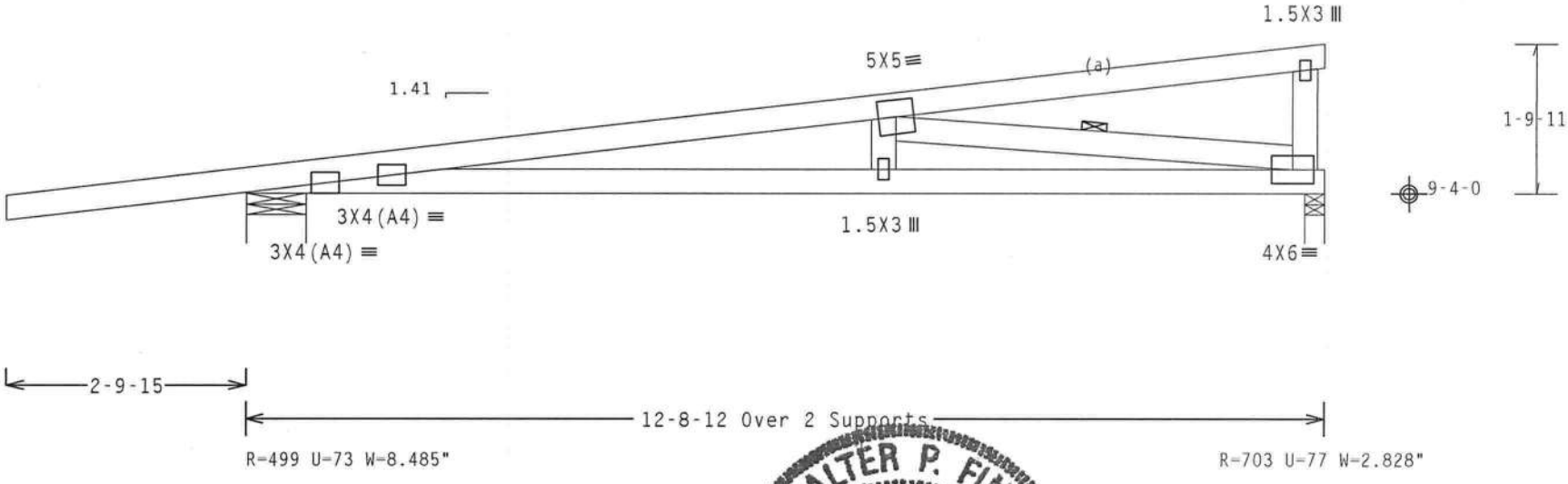
Wind loads and reactions based on MWFRS with additional C&C member design.

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

Special loads
------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 0 plf at -2.83 to 54 plf at 0.00
TC- From 2 plf at 0.00 to 2 plf at 12.73
BC- From 0 plf at -2.83 to 4 plf at 0.00
BC- From 2 plf at 0.00 to 2 plf at 12.73
TC- 86.54 lb Conc. Load at 4.31
TC- 202.44 lb Conc. Load at 7.13
TC- 309.89 lb Conc. Load at 9.96
BC- 74.89 lb Conc. Load at 4.31
BC- 158.79 lb Conc. Load at 7.13
BC- 236.07 lb Conc. Load at 9.96

(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.



Design Crit: FBC2010Res/TPI-2007(STD
FT/RT=20%(0%)/10(0) 10.03.11.0209.20 QTY 2 FL/-/5/-/-/R/- Scale =.5"/Ft.

PLT TYP. Wave

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

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WALTER P. FINN LICENSE No.12838 STATE OF FLORIDA PROFESSIONAL ENGINEER
10/18/2012

TC LL	20.0 PSF	REF	R9114- 86722
TC DL	7.0 PSF	DATE	10/18/12
BC DL	10.0 PSF	DRW	HCUSR9114 12292043
BC LL	0.0 PSF		HC-ENG JB/WPF
TOT.LD.	37.0 PSF	SEQN-	25092
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UQF9114Z01

(12-297--Fill in later Schnable Renovation/Add. -- Lake City, FL - H9B 41'4" Stepdown Hip 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.

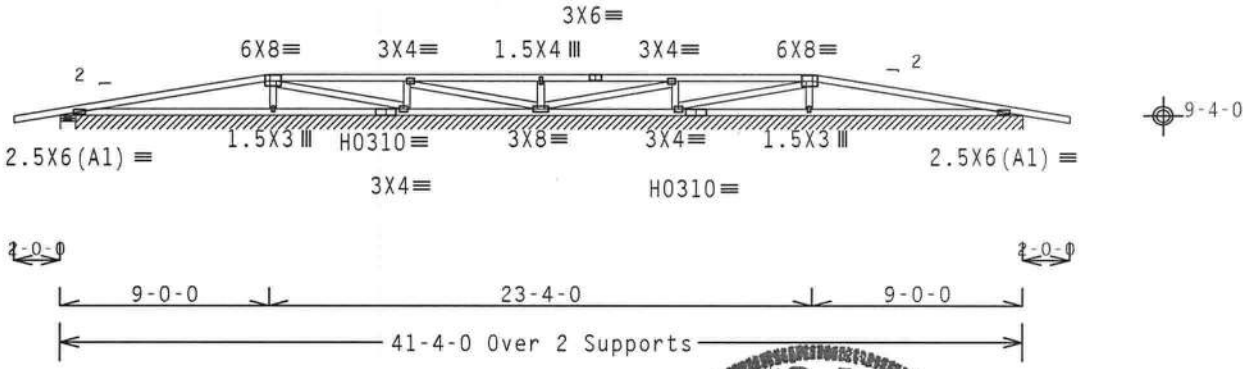
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 4.50 ft from roof edge, RISK CAT II, EXP C, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

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

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

Special loads
------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 54 plf at -2.00 to 54 plf at 9.00
TC- From 27 plf at 9.00 to 27 plf at 32.33
TC- From 54 plf at 32.33 to 54 plf at 43.33
BC- From 4 plf at -2.00 to 4 plf at 0.00
BC- From 20 plf at 0.00 to 20 plf at 9.02
BC- From 10 plf at 9.02 to 10 plf at 32.32
BC- From 20 plf at 32.32 to 20 plf at 41.33
BC- From 4 plf at 41.33 to 4 plf at 43.33
BC- 316.27 lb Conc. Load at 9.02,11.06,13.06,15.06 26.27,28.27,30.27,32.32
BC- 331.49 lb Conc. Load at 17.06,19.06,20.67,22.27 24.27

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. 20 Gauge HS,Wave FT/RT=20%(0%)/10(0) 10.03.11 0000.00 QTY 1 FL/-/5/-/-/R/- Scale =.125"/Ft.

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

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WALTER P. FINN LICENSE No.22839 STATE OF FLORIDA PROFESSIONAL ENGINEER
10/18/2012

TC LL	20.0 PSF	REF	R9114- 86723
TC DL	7.0 PSF	DATE	10/18/12
BC DL	10.0 PSF	DRW	HCUSR9114 12292044
BC LL	0.0 PSF		HC-ENG JB/WPF
TOT.LD.	37.0 PSF	SEQN-	25089
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1UQF9114Z01

Gable Stud Reinforcement Detail

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

Or: 100 mph Wind Speed, 15' Mean Height, Partially Enclosed, Exposure C, Kzt = 1.00
Or: 100 mph Wind Speed, 15' Mean Height, Enclosed, Exposure D, Kzt = 1.00

Max Gable Vertical Length

2x4 Gable Vertical Spacing	Species	Brace Grade	No Braces	(1) 1x4 "L" Brace * Group A	(1) 1x4 "L" Brace * Group B	(1) 2x4 "L" Brace * Group A	(1) 2x4 "L" Brace * Group B	(2) 2x4 "L" Brace ** Group A	(2) 2x4 "L" Brace ** Group B	(1) 2x6 "L" Brace * Group A	(1) 2x6 "L" Brace * Group B	(2) 2x6 "L" Brace ** Group A	(2) 2x6 "L" Brace ** Group B
24" o.c.	SPF HF	#1 / #2	4' 10"	8' 2"	8' 6"	9' 8"	10' 1"	11' 6"	12' 0"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	4' 7"	7' 9"	8' 3"	9' 7"	9' 11"	11' 5"	11' 10"	14' 0"	14' 0"	14' 0"	14' 0"
		Stud	4' 7"	8' 1"	8' 4"	9' 7"	9' 11"	11' 5"	11' 10"	14' 0"	14' 0"	14' 0"	14' 0"
		Standard	4' 7"	8' 1"	8' 4"	9' 7"	9' 11"	11' 5"	11' 10"	14' 0"	14' 0"	14' 0"	14' 0"
	SP DFL	#1	4' 11"	8' 3"	8' 7"	9' 9"	10' 1"	11' 7"	12' 1"	14' 0"	14' 0"	14' 0"	14' 0"
		#2	4' 10"	8' 2"	8' 6"	9' 8"	10' 1"	11' 6"	12' 0"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	4' 7"	6' 11"	7' 4"	9' 3"	9' 10"	11' 5"	11' 10"	14' 0"	14' 0"	14' 0"	14' 0"
		Stud	4' 7"	6' 11"	7' 4"	9' 3"	9' 10"	11' 5"	11' 10"	14' 0"	14' 0"	14' 0"	14' 0"
		Standard	4' 7"	6' 0"	6' 4"	8' 0"	8' 6"	10' 10"	11' 7"	12' 6"	13' 5"	14' 0"	14' 0"
16" o.c.	SPF HF	#1 / #2	5' 6"	9' 5"	9' 9"	11' 1"	11' 6"	13' 2"	13' 9"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	5' 3"	9' 3"	9' 9"	10' 11"	11' 4"	13' 0"	13' 7"	14' 0"	14' 0"	14' 0"	14' 0"
		Stud	5' 3"	9' 3"	9' 7"	10' 11"	11' 4"	13' 0"	13' 7"	14' 0"	14' 0"	14' 0"	14' 0"
		Standard	5' 3"	9' 3"	9' 7"	10' 11"	11' 4"	13' 0"	13' 7"	14' 0"	14' 0"	14' 0"	14' 0"
	SP DFL	#1	5' 8"	9' 5"	9' 10"	11' 2"	11' 7"	13' 3"	13' 10"	14' 0"	14' 0"	14' 0"	14' 0"
		#2	5' 6"	9' 5"	9' 9"	11' 1"	11' 6"	13' 2"	13' 9"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	5' 3"	8' 6"	9' 0"	10' 11"	11' 4"	13' 0"	13' 7"	14' 0"	14' 0"	14' 0"	14' 0"
		Stud	5' 3"	8' 6"	9' 0"	10' 11"	11' 4"	13' 0"	13' 7"	14' 0"	14' 0"	14' 0"	14' 0"
		Standard	5' 3"	7' 4"	7' 10"	9' 9"	10' 5"	13' 0"	13' 7"	14' 0"	14' 0"	14' 0"	14' 0"
12" o.c.	SPF HF	#1 / #2	6' 1"	10' 4"	10' 8"	12' 2"	12' 8"	13' 2"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	5' 9"	10' 2"	10' 7"	12' 0"	12' 6"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
		Stud	5' 9"	10' 2"	10' 7"	12' 0"	12' 6"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
		Standard	5' 9"	10' 2"	10' 7"	12' 0"	12' 6"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	SP DFL	#1	6' 2"	10' 5"	10' 9"	12' 3"	12' 9"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
		#2	6' 1"	10' 4"	10' 8"	12' 2"	12' 8"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	5' 9"	9' 9"	10' 5"	12' 0"	12' 6"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
		Stud	5' 9"	9' 9"	10' 5"	12' 0"	12' 6"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
		Standard	5' 9"	8' 6"	9' 0"	11' 3"	12' 1"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"

Bracing Group Species and Grades:

Group A:

Spruce-Pine-Fir	
#1 / #2	Standard
#3	Stud

Hem-Fir	
#2	Stud
#3	Standard

Douglas Fir-Larch
#3
Stud
Standard

Southern Pine***
#3
Stud
Standard

Group B:

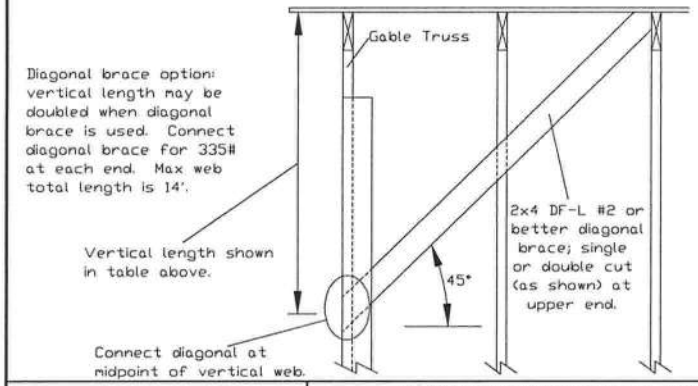
Hem-Fir
#1 & Btr
#1

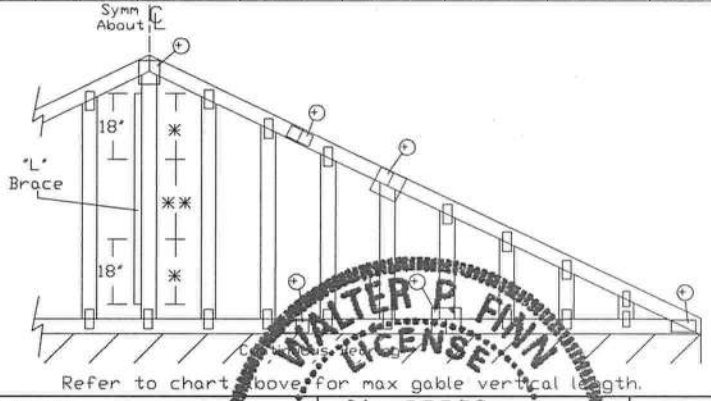
Douglas Fir-Larch
#1
#2

Southern Pine***
#1
#2

1x4 Braces shall be SRB (Stress-Rated Board).

***For 1x4 So. Pine use only Industrial 55 or Industrial 45 Stress-Rated Boards. Group B values may be used with these grades.





Gable Truss Detail Notes:

Wind Load deflection criterion is L/240.

Provide uplift connections for 35 plf over continuous bearing (5 psf TC Dead Load).

Gable end supports load from 4' 0" outlookers with 2' 0" overhang, or 12" plywood overhang.

So. Pine lumber design values based on the ALSC January, 2012 rulin

Attach "L" braces with 10d (0.128"x3.0" min) nails.

* For (1) "L" brace: space nails at 2" o.c. in 18" end zones and 4" o.c. between zones.

** For (2) "L" braces: space nails at 3" o.c. in 18" end zones and 6" o.c. between zones.

"L" bracing must be a minimum of 80% of web member length.

Gable Vertical Plate Sizes	
Vertical Length	No Splice
Less than 4' 0"	1X4 or 2X3
Greater than 4' 0", but less than 11' 6"	2X4
Greather than 11' 6"	2.5X4

+ Refer to common truss design for peak, splice, and heel plates.

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

ITW Building Components Group Inc.

Earth City, MO 63045

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WALTER P. FINN LICENSE No. 22839 STATE OF FLORIDA PROFESSIONAL ENGINEER

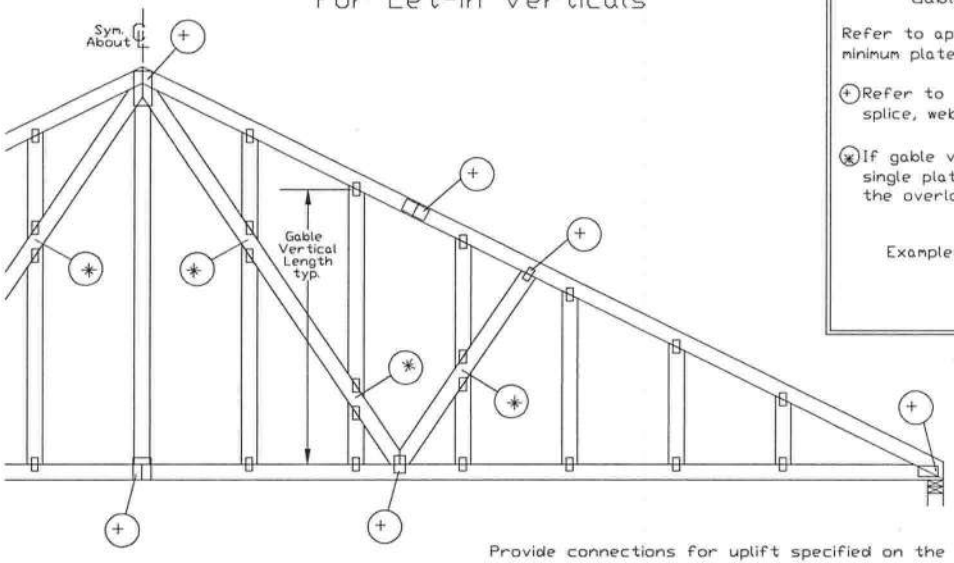
10/18/2012

MAX. TOT. LD. 60 PSF

MAX. SPACING 24.0"

REF ASCE7-10-GAB12015
DATE 2/14/12
DRWG A12015ENC100212

Gable Detail
For Let-in Verticals



Gable Truss Plate Sizes

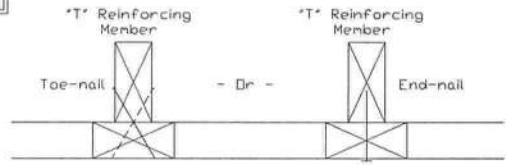
Refer to appropriate ITW gable detail for minimum plate sizes for vertical studs.

⊕ Refer to Engineered truss design for peak, splice, web, and heel plates.

⊛ If gable vertical plates overlap, use a single plate that covers the total area of the overlapped plates to span the web.

Example: 2X4 2X4 2X8

"T" Reinforcement Attachment Detail

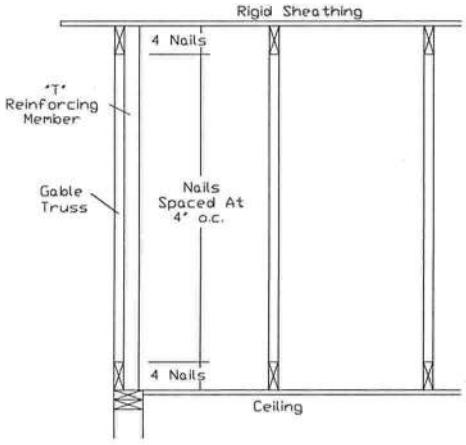


Provide connections for uplift specified on the engineered truss design.

Attach each "T" reinforcing member with

End Driven Nails:
10d Common (0.148"x 3.",min) Nails at 4" o.c. plus
(4) nails in the top and bottom chords.

Toenailed Nails:
10d Common (0.148"x3",min) Toenails at 4" o.c. plus
(4) toenails in the top and bottom chords.



This detail to be used with the appropriate ITW gable detail for ASCE wind load.

ASCE 7-98 Gable Detail Drawings
A13015980109, A12015980109, A11015980109, A10015980109,
A13030980109, A12030980109, A11030980109, A10030980109

ASCE 7-02 Gable Detail Drawings
A13015020109, A12015020109, A11015020109, A10015020109, A14015020109,
A13030020109, A12030020109, A11030020109, A10030020109, A14030020109

ASCE 7-05 Gable Detail Drawings
A13015050109, A12015050109, A11015050109, A10015050109, A14015050109,
A13030050109, A12030050109, A11030050109, A10030050109, A14030050109

ASCE 7-10 Gable Detail Drawings
A11515ENC100212, A12015ENC100212, A14015ENC100212, A14015PE100212,
A18015ENC100212, A20015ENC100212, A20015ENC100212, A20015PE100212,
A11530ENC100212, A12030ENC100212, A14030ENC100212, A14030PE100212,
A18030ENC100212, A20030ENC100212, A20030ENC100212, A20030PE100212

See appropriate ITW gable detail for maximum unreinforced gable vertical length.

To convert from "L" to "T" reinforcing members, multiply "T" increase by length (based on appropriate ITW gable detail).

Maximum allowable "T" reinforced gable vertical length is 14' from top to bottom chord.

"T" reinforcing member material must match size, specie, and grade of the "L" reinforcing member.

Web Length Increase w/ "T" Brace

"T" Reinf. Mbr. Size	"T" Increase
2x4	30 %
2x6	20 %

Example:
ASCE 7-10 Wind Speed = 120 mph
Mean Roof Height = 30 ft, Kzt = 1.00
Gable Vertical = 24"o.c. SP #3
"T" Reinforcing Member Size = 2x4
"T" Brace Increase (From Above) = 30% = 1.30
(1) 2x4 "L" Brace Length = 8' 7"
Maximum "T" Reinforced Gable Vertical Length
1.30 x 8' 7" = 11' 2"

10/18/2012

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Earth City, MO 63045

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MAX. TOT. LD. 60 PSF
DUR. FAC. ANY
MAX. SPACING 24.0"

REF	LET-IN VERT
DATE	2/16/12
DRWG	GBLLETIN0212

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

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

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

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

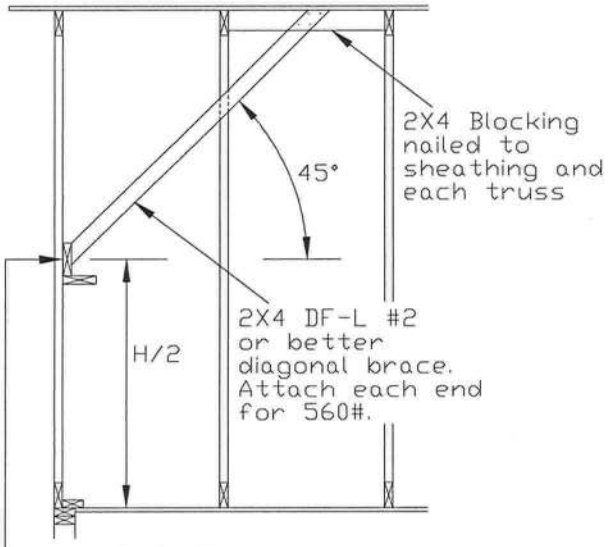
Nails: 10d box or gun (0.128"x3",min) nails.

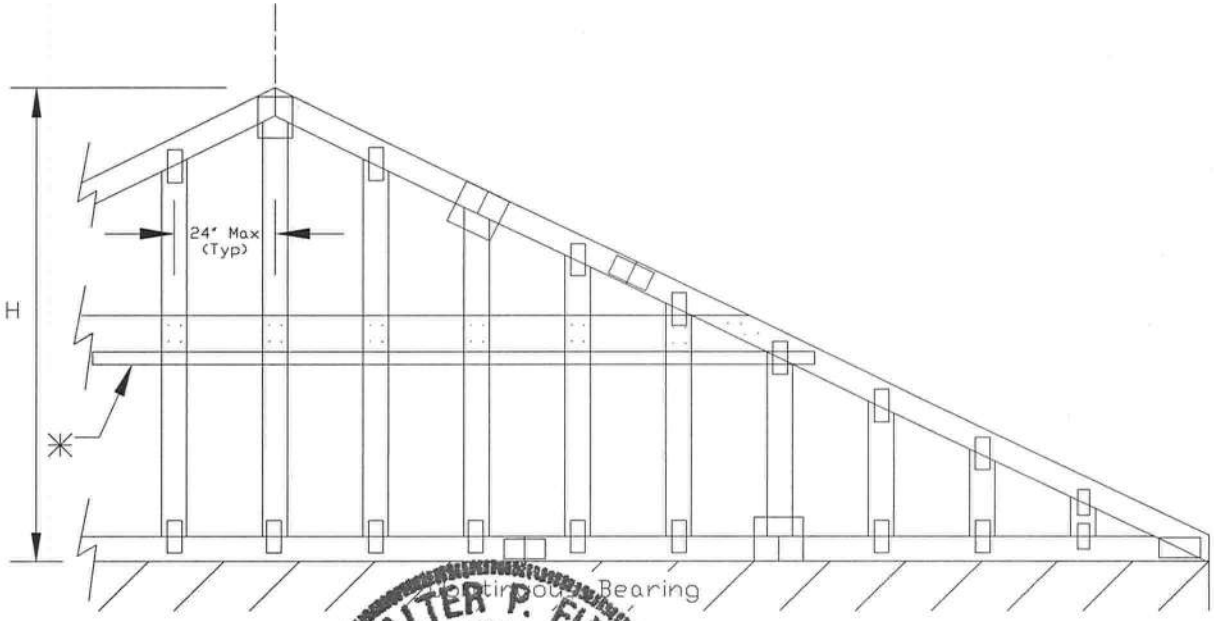
H Less than 4'6" - no stud bracing required

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

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

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





WALTER P. FINN LICENSE No. 22839 STATE OF FLORIDA PROFESSIONAL ENGINEER
10/18/12

ITW Building Components Group

Earth City, MO 63045

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10/18/12

MAX. TOT. LD. 60 PSF

MAX. SPACING

REF	GE WHALER
DATE	2/14/12
DRWG	GABRST100212

Gable Stud Reinforcement Detail

ASCE 7-10: 120 mph Wind Speed, 30' Mean Height, Enclosed, Exposure C, Kzt = 1.00

Or: 100 Mph Wind Speed, 30' Mean Height, Partially Enclosed, Exposure C, Kzt = 1.00
Or: 100 mph Wind Speed, 30' Mean Height, Enclosed, Exposure D, Kzt = 1.00

Max Gable Vertical Length

2x4 Gable Vertical Spacing	Species	Brace Grade	No Braces	(1) 1x4 "L" Brace * Group A	(1) 1x4 "L" Brace * Group B	(1) 2x4 "L" Brace * Group A	(1) 2x4 "L" Brace * Group B	(2) 2x4 "L" Brace ** Group A	(2) 2x4 "L" Brace ** Group B	(1) 2x6 "L" Brace * Group A	(1) 2x6 "L" Brace * Group B	(2) 2x6 "L" Brace ** Group A	(2) 2x6 "L" Brace ** Group B
24" o.c.	SPF HF	#1 / #2	4' 7"	7' 10"	8' 1"	9' 3"	9' 7"	11' 0"	11' 5"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	4' 4"	7' 2"	7' 8"	9' 1"	9' 5"	10' 10"	11' 4"	14' 0"	14' 0"	14' 0"	14' 0"
		Stud	4' 4"	7' 8"	8' 0"	9' 1"	9' 5"	10' 10"	11' 4"	14' 0"	14' 0"	14' 0"	14' 0"
		Standard	4' 4"	7' 6"	8' 0"	9' 1"	9' 5"	10' 10"	11' 4"	14' 0"	14' 0"	14' 0"	14' 0"
	SP DFL	#1	4' 8"	7' 10"	8' 2"	9' 3"	9' 8"	11' 0"	11' 6"	14' 0"	14' 0"	14' 0"	14' 0"
		#2	4' 7"	7' 10"	8' 1"	9' 3"	9' 7"	11' 0"	11' 5"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	4' 4"	6' 5"	6' 10"	8' 7"	9' 2"	10' 10"	11' 4"	13' 5"	14' 0"	14' 0"	14' 0"
		Stud	4' 4"	6' 5"	6' 10"	8' 7"	9' 2"	10' 10"	11' 4"	13' 5"	14' 0"	14' 0"	14' 0"
		Standard	4' 3"	5' 7"	5' 11"	7' 5"	7' 11"	10' 0"	10' 9"	11' 8"	12' 5"	14' 0"	14' 0"
16" o.c.	SPF HF	#1 / #2	5' 3"	8' 11"	9' 3"	10' 7"	11' 0"	12' 7"	13' 1"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	5' 0"	8' 10"	9' 3"	10' 5"	10' 10"	12' 5"	12' 11"	14' 0"	14' 0"	14' 0"	14' 0"
		Stud	5' 0"	8' 10"	9' 2"	10' 5"	10' 10"	12' 5"	12' 11"	14' 0"	14' 0"	14' 0"	14' 0"
		Standard	5' 0"	8' 10"	9' 2"	10' 5"	10' 10"	12' 5"	12' 11"	14' 0"	14' 0"	14' 0"	14' 0"
	SP DFL	#1	5' 4"	9' 0"	9' 4"	10' 7"	11' 0"	12' 8"	13' 2"	14' 0"	14' 0"	14' 0"	14' 0"
		#2	5' 3"	8' 11"	9' 3"	10' 7"	11' 0"	12' 7"	13' 1"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	5' 0"	7' 10"	8' 4"	10' 5"	10' 10"	12' 5"	12' 11"	14' 0"	14' 0"	14' 0"	14' 0"
		Stud	5' 0"	7' 10"	8' 4"	10' 5"	10' 10"	12' 5"	12' 11"	14' 0"	14' 0"	14' 0"	14' 0"
		Standard	5' 0"	6' 10"	7' 3"	9' 1"	9' 8"	12' 4"	12' 11"	14' 0"	14' 0"	14' 0"	14' 0"
12" o.c.	SPF HF	#1 / #2	5' 9"	9' 10"	10' 2"	11' 7"	12' 1"	12' 7"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	5' 6"	9' 8"	10' 1"	11' 6"	11' 11"	13' 8"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
		Stud	5' 6"	9' 8"	10' 1"	11' 6"	11' 11"	13' 8"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
		Standard	5' 6"	9' 8"	10' 1"	11' 6"	11' 11"	13' 8"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	SP DFL	#1	5' 11"	9' 11"	10' 3"	11' 8"	12' 2"	13' 11"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
		#2	5' 9"	9' 10"	10' 2"	11' 7"	12' 1"	13' 10"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	5' 6"	9' 1"	9' 8"	11' 6"	11' 11"	13' 8"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
		Stud	5' 6"	9' 1"	9' 8"	11' 6"	11' 11"	13' 8"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
		Standard	5' 6"	7' 10"	8' 4"	10' 6"	11' 3"	13' 8"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"

Bracing Group Species and Grades:

Group A:

Spruce-Pine-Fir	
#1 / #2	Standard
#3	Stud

Hem-Fir	
#2	Stud
#3	Standard

Douglas Fir-Larch
#3
Stud
Standard

Southern Pine***
#3
Stud
Standard

Group B:

Hem-Fir
#1 & Btr
#1

Douglas Fir-Larch
#1
#2

Southern Pine***
#1
#2

1x4 Braces shall be SRB (Stress-Rated Board).

***For 1x4 So. Pine use only Industrial 55 or Industrial 45 Stress-Rated Boards. Group B values may be used with these grades.

Gable Truss Detail Notes:

Wind Load deflection criterion is L/240.

Provide uplift connections for 70 plf over continuous bearing (5 psf TC Dead Load).

Gable end supports load from 4' 0" outlookers with 2' 0" overhang, or 12" plywood overhang.

So. Pine lumber design values based on the ALSC January, 2012 rulin

Attach "L" braces with 10d (0.128"x3.0" min) nails.

* For (1) "L" brace: space nails at 2" o.c. in 18" end zones and 4" o.c. between zones.

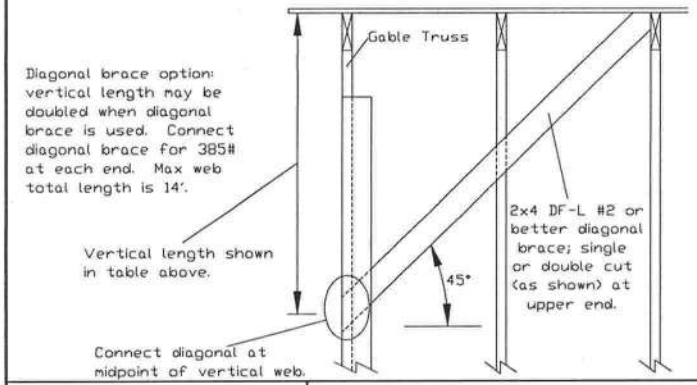
** For (2) "L" braces: space nails at 3" o.c. in 18" end zones and 6" o.c. between zones.

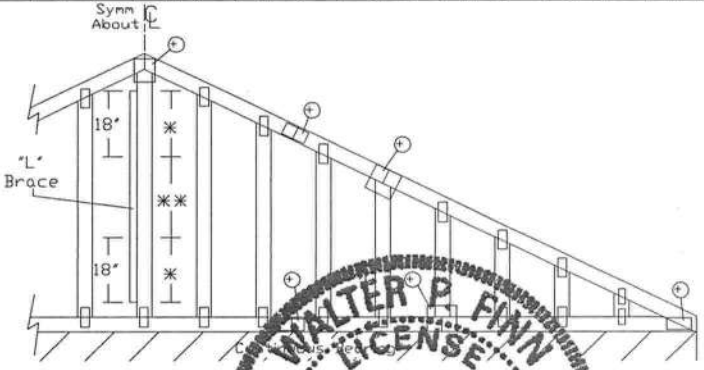
"L" bracing must be a minimum of 80% of web member length.

Gable Vertical Plate Sizes	
Vertical Length	No Splice
Less than 4' 0"	1X4 or 2X3
Greater than 4' 0", but less than 11' 6"	2X4
Greather than 11' 6"	2.5X4

+ Refer to common truss design for peak, splice, and heel plates.

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





Refer to chart above for max gable vertical length.

10/18/2012

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IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE 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. 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.

ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses. 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 drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.
For more information see this job's general notes page and these web sites:
ITWBCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.org; ICC: www.iccsafe.org

MAX. TOT. L.D. 60 PSF

MAX. SPACING 24.0"

REF	ASCE7-10-GAB12030
DATE	2/14/12
DRWG	A12030ENC100212

CLB WEB BRACE SUBSTITUTION

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

NOTES:

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

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

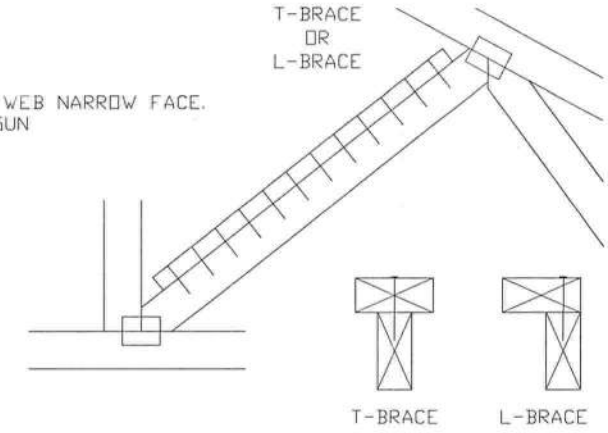
WEB MEMBER SIZE	SPECIFIED CLB BRACING	ALTERNATIVE BRACING T OR L-BRACE	ALTERNATIVE BRACING SCAB BRACE
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

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

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

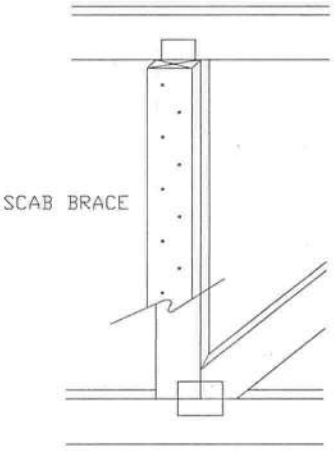
T-BRACING OR L-BRACING:

APPLY TO EITHER SIDE OF WEB NARROW FACE.
ATTACH WITH 10d BOX OR GUN
(0.128"x 3.",MIN) NAILS.
AT 6" O.C.
BRACE IS A
MINIMUM 80% OF WEB
MEMBER LENGTH



SCAB BRACING:

APPLY SCAB(S) TO WIDE FACE OF WEB.
NO MORE THAN (1) SCAB PER FACE.
ATTACH WITH 10d BOX OR GUN
(0.128"x 3.",MIN) NAILS.
AT 6" O.C.
BRACE IS A MINIMUM
80% OF WEB MEMBER LENGTH



WALTER P. FINN
LICENSE
No. 22839
STATE OF FLORIDA
PROFESSIONAL ENGINEER

12
10/18/2012

Building Components Group Inc.

Earth City, MO 63045

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