

Top chord 2x4 SP-#1_12A
Bot chord 2x4 SP-#1_12A
Webs 2x4 SP-#3_12A
Stack Chord SC1 2x4 SP-#1_12A:

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

Left end vertical not exposed to wind pressure.

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

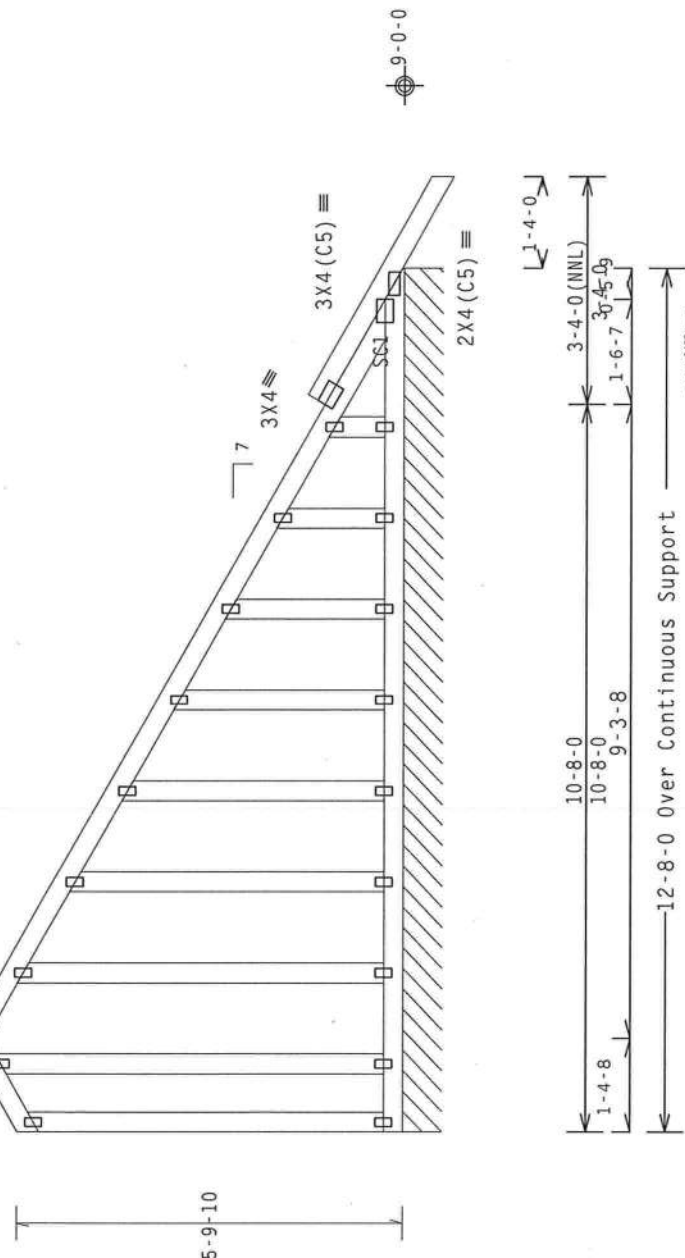
Deflection meets L/240 live and L/180 total load. Creep increase factor for 7 dead load is 1.50.

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

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

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

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 noticable 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 noticable area using 3x6.



R=173 PLF U=3 PLF W=12-8-0
RL=4/-8 PLF

Note: All Plates Are 1.5X3 Except As Shown.

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

PLT TYP. Wave

Scale = .375" / Ft.

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. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Component Safety Information) by TPI and MTCA for practices prior to performing these functions. Installers shall provide temporary bracing per BCSI unless noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint shall have bracing installed per BCSI sections B3, B7 or B10, as applicable. ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the bracing of trusses. Apply plates to each face of truss and position as shown above and on the joint. 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.tpinet.org; MTCA: www.sbcindustry.com; ICC: www.iccsafe.org	 10/01/2012	TC LL	20.0 PSF	REF R487 - - 65423
			TC DL	7.0 PSF	DATE 10/01/12
			BC DL	10.0 PSF	DRW HCUSR487 12275078
			BC LL	0.0 PSF	HC-ENG WHK/WHK
			TOT.LD.	37.0 PSF	SEQN- 23416
			DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1UPY487_Z03			



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

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

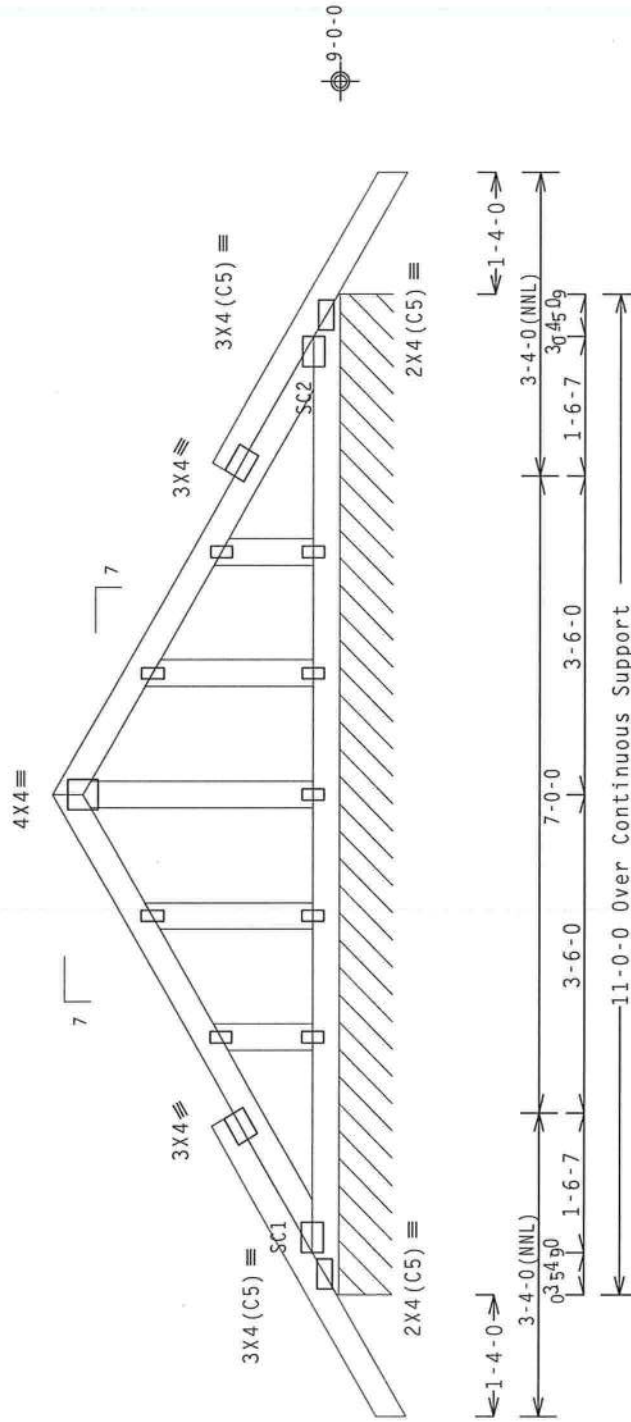
See DWGS A12015ENC100212, GBLLETIN0212, & GABRST100212 for more requirements.

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

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

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
/5/2012 by ALSC.

Stacked top chord must NOT be notched or cut in area (NUL). Dropped top chord braced at 24" o.c. intervals. Attach stacked top chord (SC) to dropped top chord in noticable 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 noticable area using 3x6.



R=91 PLF U=4 PLF W=11-0-0

RL=6/-6 PLF

Note: All Plates Are 1.5X3 Except As Shown.

PLT TYP. Wave

PLT TYP. Wave

Scale = .5"/Ft.

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

209/2015-01

10.03.11

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

DESIGN UNIT:

PLT TYP. Wave

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

****IMPORTANT****

Trusses require extreme care in fabricating, shipping, installing and bracing. For the latest edition of *Steel Joist Construction*, contact McGraw-Hill Construction Information Group, 1221 Avenue of the Americas, New York, NY 10020-1398. Tel: 212/512-2000.

practices prior to performing these functions. Installers shall provide temporary bracing per the latest edition of BCSP (Building Component Safety Information, by TPI and NFCA) for steel erection. The contractor shall have proper structural bracing in place noted therefore. The contractor shall have proper structural bracing in place noted therefore.

Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of walls shall have bracing installed per ACSC sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the specifications and drawings of the product. ITWBCG shall not be responsible for any deviation from the specifications and drawings of the product.

any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing, or bracing of trusses. Apply plates to each face of truss and position as shown above and on the Job Notes. The undersides of all trusses shall be braced with blocking.

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 of any structure is the responsibility of the user.

responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This job's general notes page: ITR-8CG: www.tbwco.com; TPI: www.toinst.org; WTCA: www.tbetindust.com.

General notes page: www.tremody.com, www.splintec.com, www.dentalimplant.com,
 ICC: www.tccsafe.org

(12-269--Doug Edgley Curtis & Tanya Neeley Res -- Lake City, FL - CJ1)

Top	chord	2x4	SP_#1-12A
Bot	chord	2x4	SP_#1-12A

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

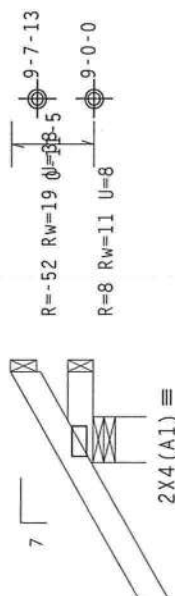
Bottom chord checked for 10.00 psf non-concurrent live load.

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

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

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

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



← 1-6-0 →
1-0-0 over 3 Supports

R=232 U=30 W=6"
RL=24

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

PLT TYP. Wave

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. The following instructions are intended to be used in conjunction with the design drawings and the following instructions. For more information, refer to the design drawings and the following instructions.

ALPINE

TW Building Components Group Inc.

Haines City, FL 33844
FL COA #0 278

For more information see:
responsibility of the building designer per AS2/191 1 Sec.2.
general notes page: 17W-8CG: www.17wbcg.com; TPI: www.tpinet.org; WTCX: www.sbcindustry.com;
CG: www.1ccsafe.org

10/01/2012

SPACING 24 0"

TRF- 11PY487 703

Scale = .5"/ft.

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



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

5
6
7
8
9
10
11

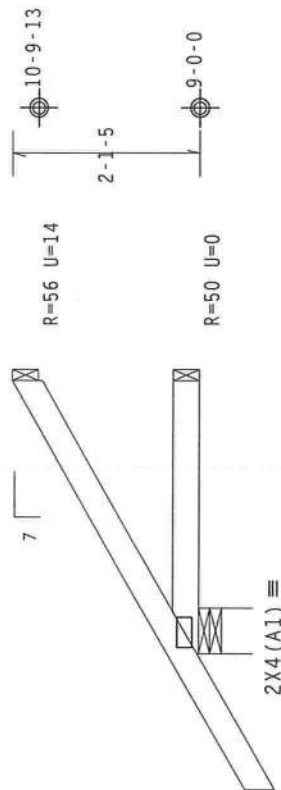
PLT TYP. Wave

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

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

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

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.



1-6-07

3-0-0 Over 3 Supports - 1

R=240 U=11 W=6"
RL=43/-23

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

PLT TYP. Wave

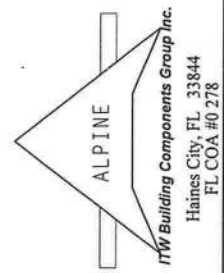
OT: 4 FL/-/4/-/-/R/-

Scale = .5"/Ft.

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of RCSC (Building Component Safety Information, by TPI and MICA) practices prior to performing these functions. Installers shall provide temporary bracing for all trusses. 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 RCSC sections 83, 89 or 810, as applicable.

ITM Building Components Group Inc. (ITMBG) shall not be responsible for any deviation from the design of the trusses shown, or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing, bracing of trusses. Apply plates to each face of truss and position as shown above and on the Joist Details. Unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. A seal on the drawing or cover plate listing the truss design is shown. Indicates acceptance of professional engineering responsibility by the Building Components Group Inc. (ITMBG) and use of this design for any structure. For more information see: www.itmbg.com. This job's general notes apply. For more information see: www.itmbg.com. TPI: www.tpi.net; ITCA: www.itcainc.org; general notes apply. www.1655afrs.org



Haines City, FL 33844
FL COA #0 278

10/01/2012

07.1.2007

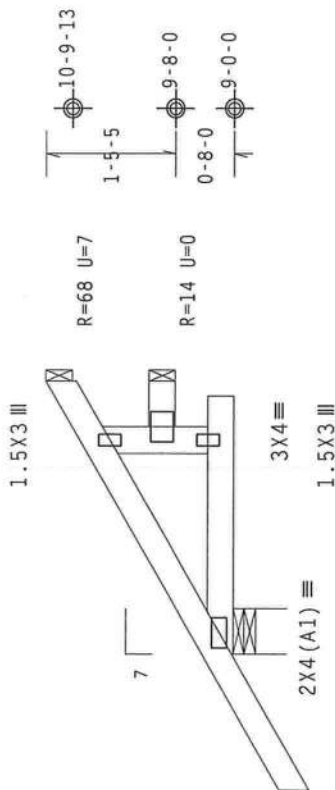
10FF 110V107 702

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

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.

	10339	10	8630	10801	S	T-30.
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1-6-0

2-6-0
3-0-0 over 3 Supports

R=240 U=11 W=6"
RL=43/-23

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

PLT TYP. Wave

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

Scale = .5"/Ft.

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

Trusses require extreme care in fabricating, hoisting, shipping, installing and bracing. Installers shall follow the latest edition of BGSI (Building Good Steel Institute) Manual of Steel Erection, and shall have bracing installed or rigid sections BGSI sections 83, 87 or 810, as applicable.

[illegible]

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

(12-269--Doug Edgley Curtis & Tanya Neeley Res -- Lake City, FL - C35)

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.

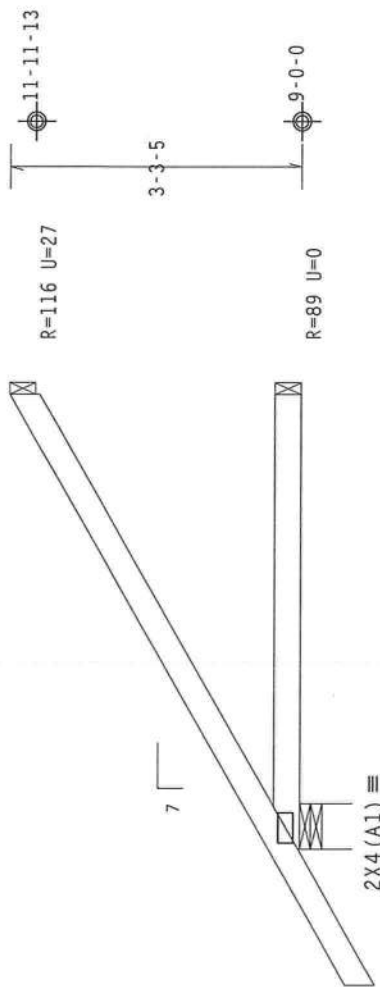
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

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

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

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

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



←1-6-0→

←5-0-0 Over 3 Supports →

R=304 U=6 W=6"
RL=62/-27

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

PLT TYP. Wave

Scale = .5" / Ft.

 ALPINE ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0 278	**HARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET! **IMPORTANT** FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and MTCA) industry practices prior to performing these functions. Installers shall provide temporary bracing for all trusses 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 trusses shall have bracing installed per BCSI section 83, 87 or 810, as applicable. ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation, frustration or failure to build the Truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or bracing. ITWBCG shall not be responsible for any deviation, frustration or failure to build the Truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or bracing. ITWBCG shall not be responsible for any deviation, frustration or failure to build the Truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or bracing. ITWBCG shall not be responsible for any deviation, frustration or failure to build the Truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or bracing. ITWBCG shall not be responsible for any deviation, frustration or failure to build the Truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or bracing. ITWBCG shall not be responsible for any deviation, frustration or failure to build the Truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or bracing. 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(12-269--Doug Edgley Curtis & Tanya Neeley Res -- Lake City, FL - CUST)

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.

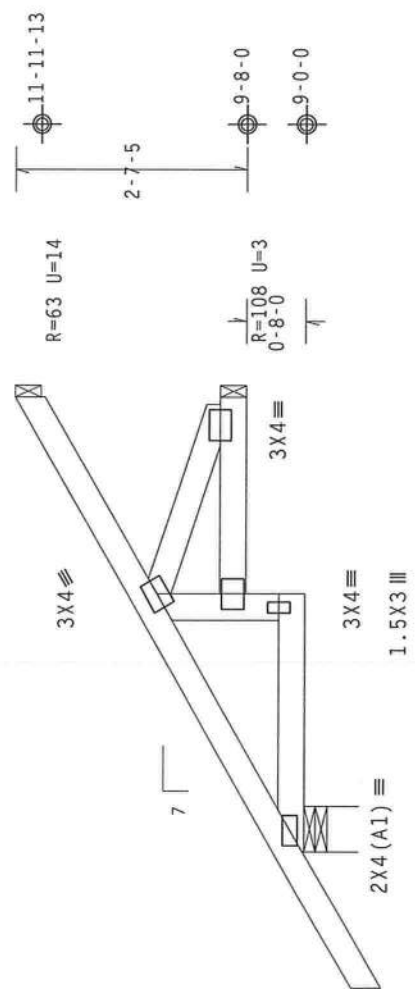
Provide { 2 } 16d common nails (0.162"x3.5"), toe nailed at Top chord.
Provide { 2 } 16d common nails (0.162"x3.5"), toe nailed at Bot chord.

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

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 4.50 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf, GCP1 (+/-)=0.18

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

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



1-6-0

2-10-0
5-0-0 Over 3 Supports
2-2-0

R=304 U=6 W=6"
RL=62/-27

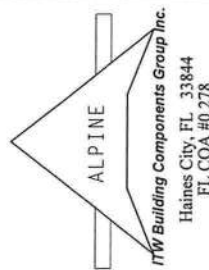
Design Crit: FBC2010Res/TPI-2007 (STD)
FT/RT=10% (0%/0/0)

PLT TYP. Wave

Scale = 5"/Ft.



****IMPORTANT****
READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, shipping, installing and bracing. Follow the erection and bracing instructions carefully and WCA for all details. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint shall have bracing installed per BCI sections B3, B7 or B10, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the bracing of trusses. Apply plates to each face of truss and position as shown above and on the Joint Details. Refer to drawings 160A-2 for standard plate positions. A seal on the drawings shall indicate the date of the design. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This Job's general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; WCA: www.sbcindustry.com; ICC: www.iccsafe.org



REF	R487--	65429
DATE	10/01/12	
DRW	HCUSR487	12275084
HC-ENG	WHK/WHK	
SEQN-	23425	
DUR.FAC.	1.25	
SPACING	24.0"	
JREF-	1UPY487_Z03	

10/01/2012

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.

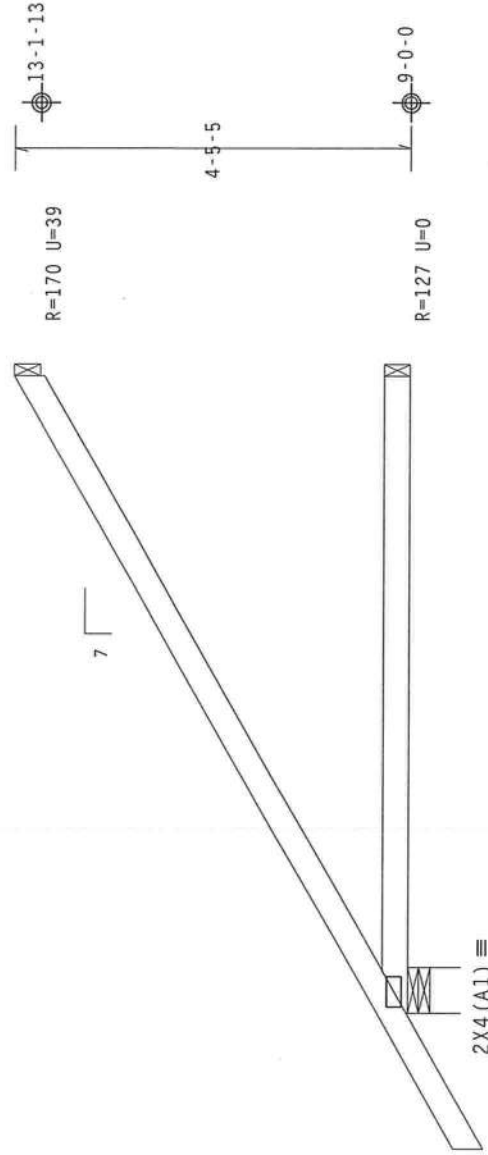
MWFRS loads based on trusses located at least 7.50 ft. from roof edge.

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 B, wind TC DL=3.5 psf,
wind BC DL=5.0 psf, GCPI(+/-)=0.18

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

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

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.



←1-6-0→

7'-0" Over 3 Supports

R=376 U=2 W=6"
RL=81/-32

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

PLT TYP. Wave

Scale = .5" / Ft.

REF R487-- 65430
DATE 10/01/12
DRW HCUSR487 12275085
HC-ENG WHK/WHK
SEQN- 23420
JREF- LUPY487_Z03

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Components Institute) practices prior to performing these functions. Installers shall provide temporary bracing unless noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design of trusses. Apply plates to each face of truss and position as shown above and on the details. Unless noted otherwise, refer to drawings 1004-2 for standard plate positions. A seal of approval is provided for the design shown. The suitability and use of this design for structural purposes is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This job general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; MICA: www.micaindustry.com; ICC: www.iccsafe.org



ALPINE
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Haines City, FL 33844
FL COA #0278

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

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

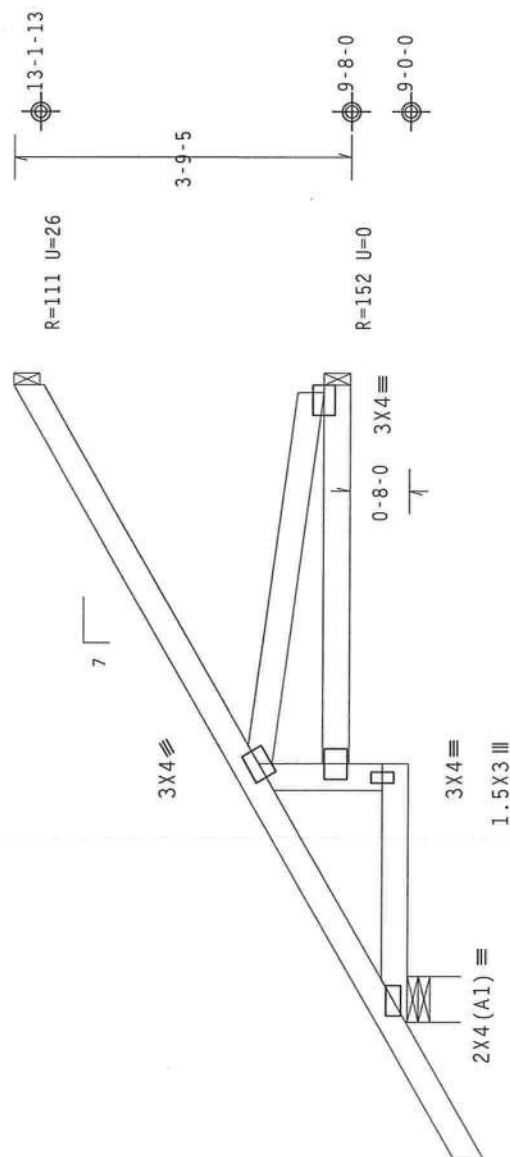
Bottom chord checked for 10.00 psf non-concurrent live load.

Provide { 2 } 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide { 2 } 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

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

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

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



1-6-0

2-10-0 4-2-0
7-0-0 over 3 Supports

R=376 U=1 W=6"
RL=81/-32

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

PLT TYP. Wave

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

Scale = .5"/Ft.

REF R487-- 65431

DATE 10/01/12

DRW HCUSR487 12275086

HC-ENG WHK/WHK

SEQN-	23424
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REF- 1UPY487 Z03

10/01/2012

Job's s

For more information see:
ANSI/HP 1 Sec.2. For more information see:
the responsibility of the building designer
general notes page: ITW-BCG: www.itwbcg.com: TPI: www.tpinst.org: WTCA: www.sbcindustry.com:

No. 10861

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

IMPORTANT

to
of
ity

The diagram illustrates a sequence of triangles connected by their vertices. The first triangle at the top has a star at its upper vertex. The second triangle below it has a star at its lower vertex. This alternating pattern of stars at the top and bottom vertices continues through the sequence of triangles.

frusses require extreme care in fabricating, handling, shipping, installing and bracing. allow the latest edition of BCSI (Building Component Safety Information, by TPI and MTECA) for

STATE OF ~~MISSISSIPPI~~

...shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint

FILED

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

erecting of trusses. Apply plates to each face of truss and position as shown above and on the many failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A

(12-269--Doug Edgley Curtis & Tanya Neeley Res -- Lake City FL - H11AS)

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

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

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

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

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

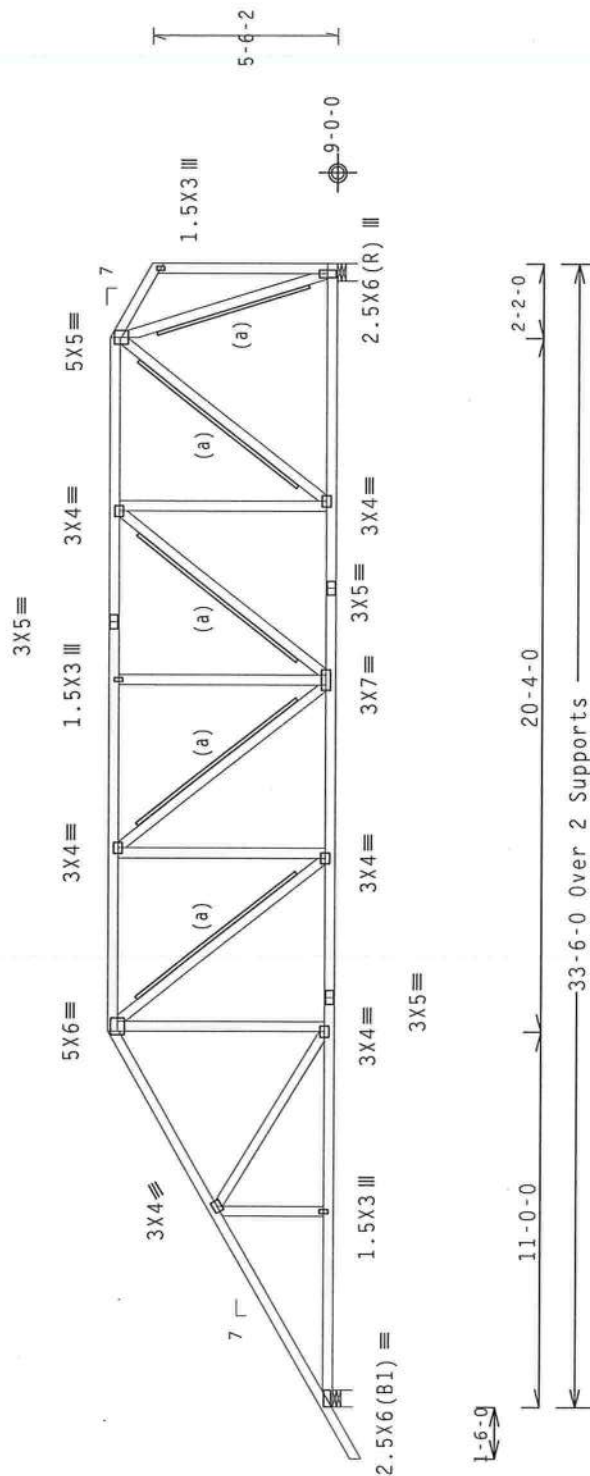
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi (+/-)=0.18

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

Right end vertical not exposed to wind pressure.

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

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



R=1376 U=52 W=6"
RL=100/-57

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

PLT TYP. Wave

Scale = .1875"/Ft.

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

[illegible][illegible]

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

REF R487-- 65432

TC DL 7.0 P

DATE 10/01/12

BC 01 10 00

DRW HCUSR487 12275087

Table 1

HC-ENG WHK / WHK

$$\frac{0.00}{0.00}$$

HC-ENG WHK/WHK

TOT.LD.	37.0 P
---------	--------

6EQN- 23435

DUR.FAC.	1.25
----------	------

/2012	SPACING	24.0"
-------	---------	-------

REF- 1UPY487_Z03

Top chord 2x4 SP #1_12A
Bot chord 2x4 SP #1_12A
Webs 2x4 SP #3_12A :W1, W2, W8 2x4 SP #1_12A:

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

Calculated horizontal deflection is 0.11" due to live load and 0.14" due to dead load.

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

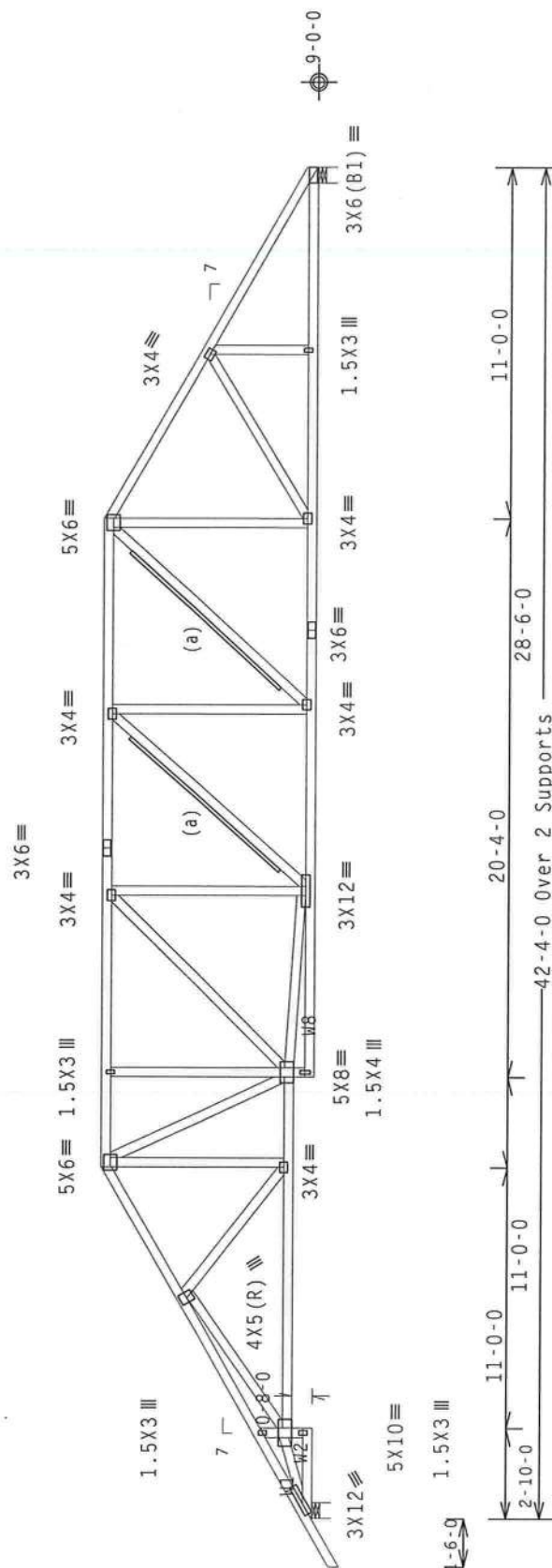
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 6.50 ft from roof edge, RISK CAT II, EXP 8, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi (+/-)=0.18

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

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

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=1716 U=71 W=6"
RL=111/-118

R=1601 U=57 W=6"

PLT TYP. Wave

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

Scale = .1875"/Ft.

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

EF R487-- 65433

DATE 10/01/12

DLH 001100407 12275000

8806/727 184XC02U NY

C-ENG WHK/WHK

EQN- 23455

100

REF- 1UPY487_Z03

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

****IMPORTANT****

Trusses require extreme care in fabricating, handling, shipping, installing and erecting. To help you understand the proper techniques, follow the latest edition of BCSI (Building Component Safety Information, by

practices prior to performing these functions. Installers shall provide temporary bracing per BC31, unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint shall have bracing installed per BC31 sections 83, 87 or 810, as applicable.

IN Building Components group Inc. (INBCC) shall not be responsible for any deviation from the details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on the mating or cover page listing this drawing. Indicates acceptance of professional engineering details, or for handling, shipping. Install

responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This Job's general notes page; ITW-8CG: www.itwbcg.com; TPI: www.tpinat.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844
FL COA #0 278

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

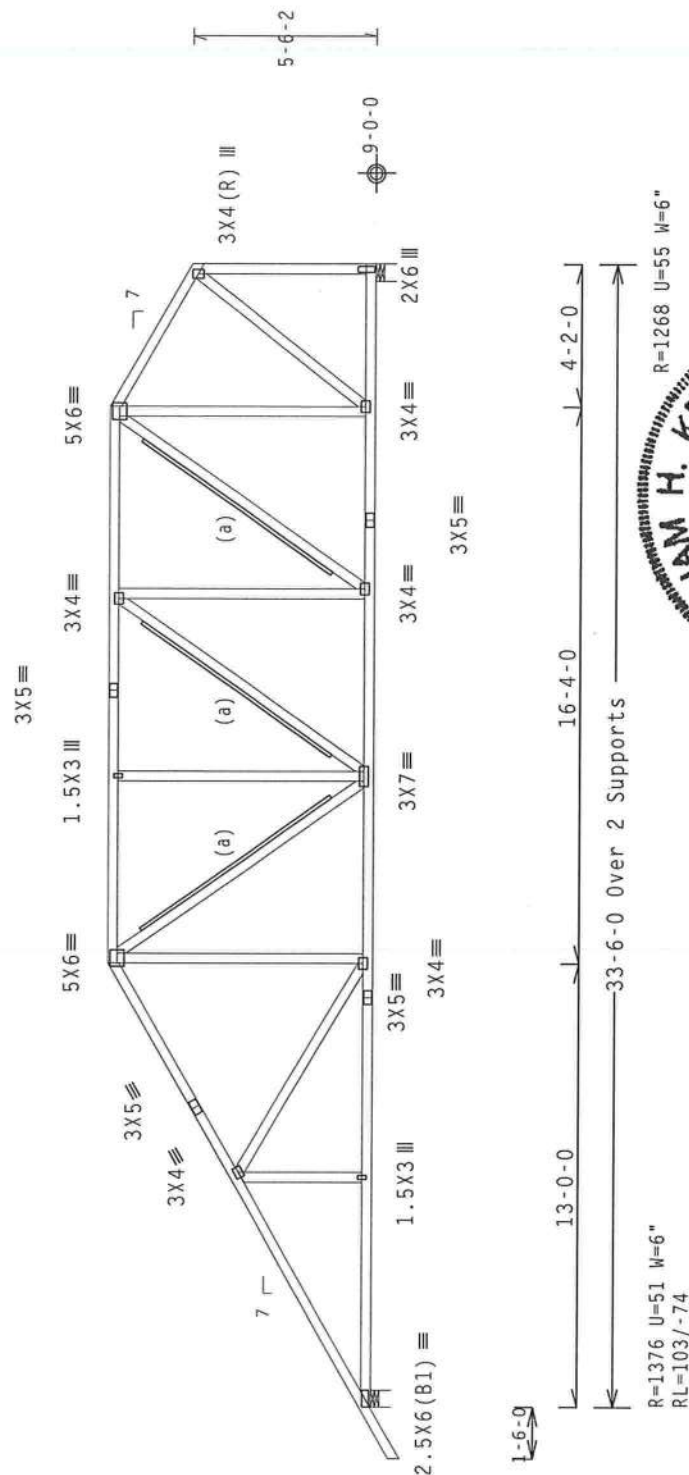
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCPI (+/-)=0.18

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

Right end vertical not exposed to wind pressure.

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

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



R=1376 U=51 W=6"
RL=103/-74

R=1268 U=55 W=6"

PLT TYP. Wave

Design Crit: FBC2010Res/TPI-2007 (STD
FT/RT=10%(0%) / 0(0)3C2010Res/TPI-2007(STD
FT/RT=10%(0%)/0(0)

Scale = .1875"/Ft.

TC LL	20.0	PSF	REF R487-- 65435
TC DL	7.0	PSF	DATE 10/01/12
BC DL	10.0	PSF	DRW HCUR487 12275090
BC LL	0.0	PSF	HC-ENG WHK/WHK
TOT.LD.	37.0	PSF	SEQN- 23434
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1UPY487_Z03

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. To avoid the possibility of injury or damage to the truss, follow the latest edition of the BCS Truss Installation Manual, published by PFI and AISC. The manual contains detailed instructions for forming, lifting, bracing, erecting, installing and bracing trusses. Installers shall comply with all practices noted prior to performing these functions. Trusses shall have a property attached structural sheathing and blocking chord shall have a property attached rigid ceiling. Locations shown for permanent lateral restraining bracing shall have bracing installed per BCS sections 83, 87 or 810, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any decision from any other party regarding the design or construction of a building system. In the event of any failure to build the truss in conformance with ANSI/TPI-1, or for handling, shipping, installing or packaging of trusses, Apply Plates to each face of truss and position as shown above and on the Job Order Form. Details, unless noted otherwise, Refer to drawings I60A-2 for standard plate positions. A seal on the bottom flange of the truss is required. Sealant must be applied to all fasteners. The manufacturer's responsibility solely for the design shown. Indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the user. See ITW Building Designer per ANSI/TPI-1 sec.2. For more information see: This Job's General Notes. E-mail: info@itwbcg.com; TOLL-FREE: 800-795-1100; FAX: 800-795-1100; WWW: www.itwbcg.com; ITW-800: [8007951100](tel:8007951100); WTC: www.aacindustries.com; GENERAL: [8007951100](tel:8007951100).



10/01/2012

This job's

REF- 1UPY487 Z03

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, 18.69 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=2.0 psf. GCpi (+/-)=0.18

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

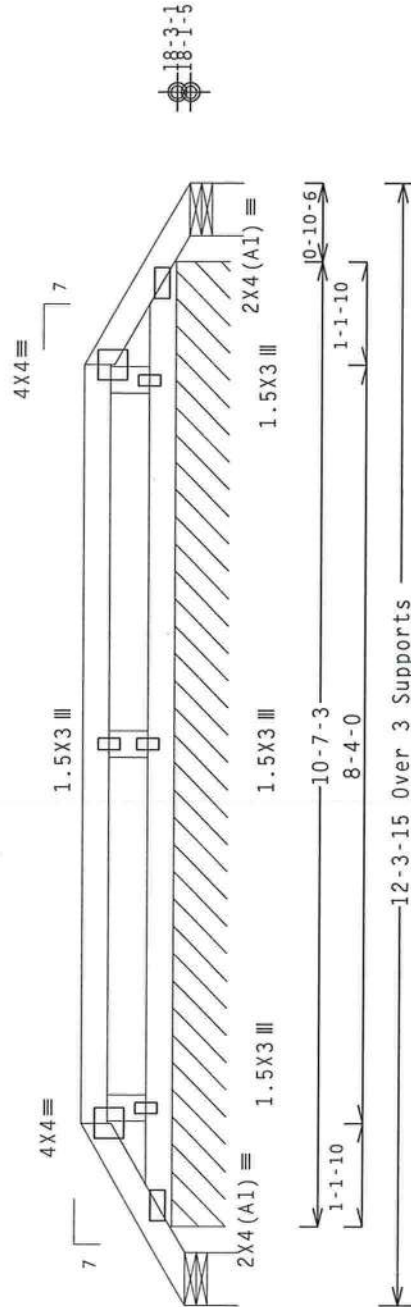
Special loads

Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 56 plf at 0.00 to 56 plf at 2.00
TC- From 56 plf at 2.00 to 56 plf at 10.33
TC- From 56 plf at 10.33 to 56 plf at 12.33
BC- From 4 plf at 0.00 to 4 plf at 12.33

In lieu of structural panels or rigid ceiling use purlins to brace all flat TC @ 24" OC, all BC @ 24" OC.

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

MMFRS loads based on trusses located at least 9.35 ft. from roof edge.



R=21 U=4 W=6.946"

R=63 PLF U=10 PLF W=10-7-3

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

PLT TYP. Wave

Scale = .5" / Ft.

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSP (Building Component Safety) practices prior to performing these functions. Installers shall provide temporary bracing for all trusses unless noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have bracing installed per BCSP sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design of trusses. Apply plates to each face of truss and position as shown above and on the back of trusses. Trusses shall be erected in accordance with drawings 1000-2 for standard plate positions. A seal shall be applied to the back of each truss. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This job's general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; MTEA: www.mteaindustry.com; ICCI: www.icc-safe.org

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



TC LL	20.0 PSF	REF	R487 --	65437
TC DL	7.0 PSF	DATE	10/01/12	
BC DL	10.0 PSF	DRW	HCUSR487	12275092
BC LL	0.0 PSF	HC-ENG	WHK/WHK	
TOT.LD.	37.0 PSF	SEQN-	23440	
DUR.FAC.	1.25	JREF-	LUPY487_Z03	
SPACING	24.0"			

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

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

20 mph wind, 19.28 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=2.0 psf. GCpi (+/-)=0.18

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

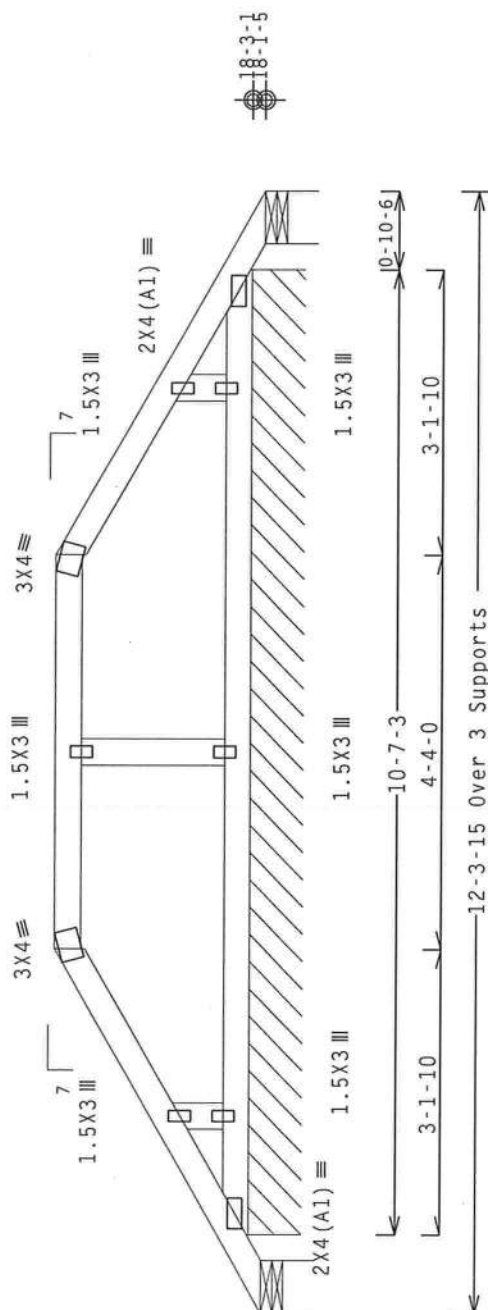
Special loads
----- (Lumber

----- (Lumber	Dur.Fac.=1.25 /	Plate	Dur.Fac.=1.25)
56 p1f at 0.00 to	56 p1f at 4.00		
56 p1f at 4.00 to	56 p1f at 8.33		
56 p1f at 8.33 to	56 p1f at 12.33		
56 p1f at 12.33 to	56 p1f at 12.33		

In lieu of structural panels or rigid ceiling use purlins to brace all flat TC @ 24" OC, all BC @ 24" OC.

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

MFERS loads based on trusses located at least 19.28 ft. from roof edge.



R=26 RW=29 U=13 W=6.946"
RL=34 / -B462 PLF U=6 PLF W

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

PLT TYP. Wave

Scale = .5"/Ft.

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

ALPINE

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

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

Trusses require extreme care in fabricating, shipping, handling, installing and bracing. Follow the latest edition of BCSP (Building Components Safety Program) and all applicable practices prior to performing these functions. Installers shall provide temporary bracing until the trusses are properly installed and braced. Trusses shall be installed in accordance with the design shown. The manufacturer shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of the trusses shall have bracing installed per BCSP sections 83, 87 or 810, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design shown. ITWBCG shall be responsible for the design of the trusses and the bracing of trusses. Apply plates to each face of truss and position as shown above and on the Job. Details, unless noted otherwise. Refer to drawings 100A-2 for standard plate positions. A seal of the manufacturer shall be provided on the design shown. The manufacturer shall be responsible for the responsibility solely for the design shown. The manufacturer shall be responsible for the responsibility of the Building Designer per ITWBCG 1.1 Sec.2. For more information see: This Job's general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpi.net.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

No. 70861

STATE OF FLORIDA

PROFESSIONAL ENGINEER

10/01/2012

REF	R487--	65438	PSF	20.0	LL	TC
DATE	10/01/12		PSF	7.0	DL	TC
DRW	HCU5R487	12275093	PSF	10.0	DL	BC
	HC-ENG	WHK/WHK	PSF	0.0	LL	BC
SEQN-	23439				TOT.LD.	37.0
					DUR.FAC.	1.25
JREF-	1UPY487	Z03			SPACING	24.0"

Special loads
----- (Lumber

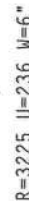
TC	From	28	at	1.00	to	28	at	21.00
BC	From	28	at	21.00	to	28	at	31.50
BC	From	5	at	-1.50	to	5	at	0.00
BC	From	20	at	0.00	to	20	at	7.03
BC	From	10	at	7.03	to	10	at	12.00
BC	From	10	at	12.00	to	10	at	24.00
BC	From	10	at	24.00	to	10	at	31.50

BC-From	20 plf at	0.00 to	20 plf at	7.03
BC-From	10 plf at	7.03 to	10 plf at	12.00
BC-From	10 plf at	12.00 to	10 plf at	24.00
BC-From	10 plf at	24.00 to	10 plf at	33.50

IC	246.19	1b	Conc.	Load at	7.03
TC	169.84	1b <th>Conc.</th> <td>Load at</td> <td>9.06, 11.06, 13.06, 15.06</td>	Conc.	Load at	9.06, 11.06, 13.06, 15.06
17.06, 19.06, 21.06, 23.06, 25.06, 27.06, 29.06, 31.06, 32.94					
BC	446.26	1b <th>Conc.</th> <td>Load at</td> <td>7.03</td>	Conc.	Load at	7.03

BC- 446.26 lb Conc.	Load at 7.03
BC- 127.38 lb Conc.	Load at 9.06, 11.06, 13.06, 15.06
17.06, 19.06, 21.06, 23.06, 25.06, 27.06, 29.06, 31.06, 32.94	

Right end vertical not exposed to wind pressure.



R=2966 H=216 W=6"

33-6-0 Over 2 Supports

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

Scale = .1875"/Ft.

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

ALPINE ☐

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

Trusses require extreme care in fabricating, handling, installing and bracing. Refer to the latest edition of BCSI Building Components Inc. Trussing Manual for details. Unless noted otherwise, refer to drawings 180A-2 for standard plate positions. A seal of approval is required for all trusses. Trusses shall be installed in accordance with the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: general notes page; ITW-BCSI; www.itwbcg.com; TPI: www.tpinst.org; MTCA: www.sbcindustry.com; ICC: www.iccsafe.org

No. 70861 **STATE OF FLORIDA** **PROFESSIONAL ENGINEER** **10/01/2012**

REF	R487 --	65439	TC LL	20.0	PSF
DATE	10/01/12		TC DL	7.0	PSF
DRW	HCUSR487	12275094	BC DL	10.0	PSF
HC-ENG	WHK/WHK		BC LL	0.0	PSF
SEQN-	23431		TOT.LD.	37.0	PSF
DUR.	FAC.	1.25			
SPACING	24.0"				
JREF-	1UPY487_Z03				

2 COMPLETE TRUSSES REQUIRED

Nail Schedule: 0.131"x3", min. nails

Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @12.00" o.c.

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.

Use equal spacing between rows and stagger nails in each row to avoid splitting.

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 6,650 ft from roof edge, RISK CAT II, EXP 8, wind IC DL=3.5 psf, wind BC DL=5.0 psf, wind GCP(+/-)=0.18

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

in each row to avoid splitting.

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 B, wind TC DL=3.5 psf, Wind BC DL=5.0 psf. GCpf(+/-)=0.18

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

Calculated horizontal deflection is 0.17" due to live load and 0.21" due to dead load.

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

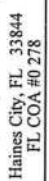
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

Calculated vertical deflection is 0.52" due to live load and 0.66" due to dead load at X = 21'-0".

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

Scale = .125"/Ft.



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

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

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

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

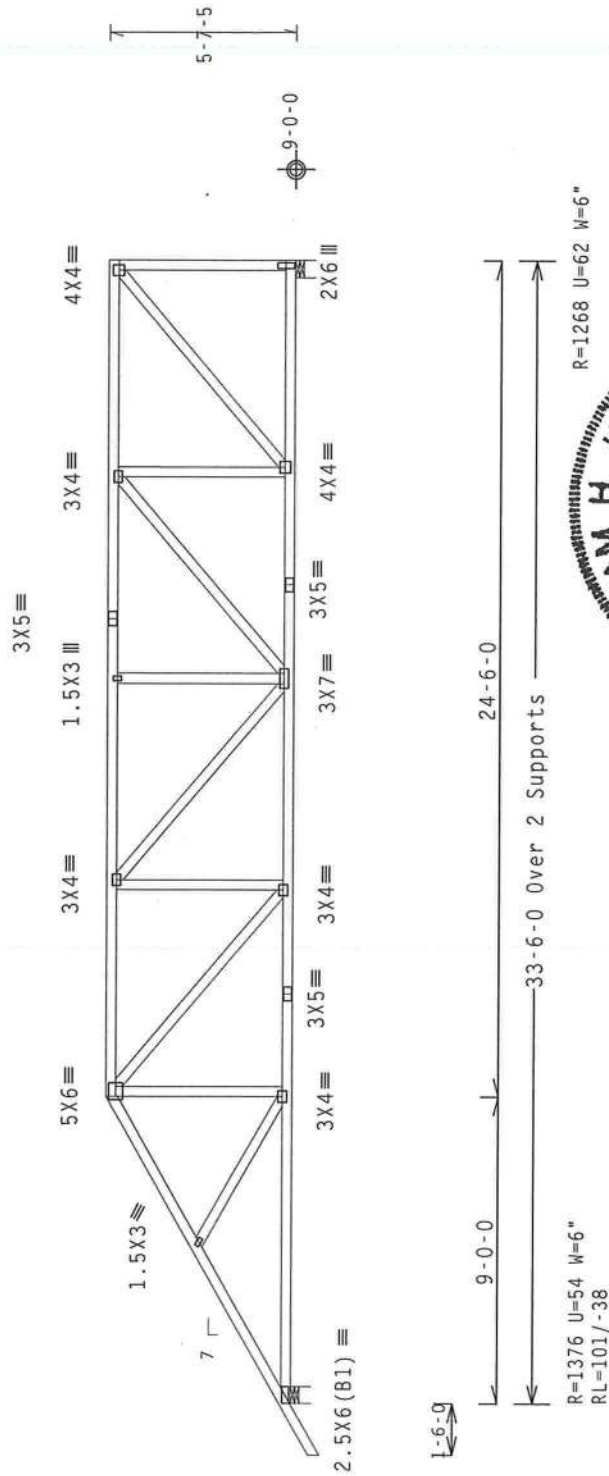
120 mph wind. 15.00 ft mean hgt., ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP 8, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCPI (+/-)=0.18

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

Right end vertical not exposed to wind pressure.

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.



PLT TYP. Wave

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

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

TC LL	20.0	PSF	REF R487-- 65441
TC DL	7.0	PSF	DATE 10/01/12
BC DL	10.0	PSF	DRW HCUR487 12275096
BC LL	0.0	PSF	HC-ENG WHK/WHK
TOT.LD.	37.0	PSF	SEQN- 23432
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1UPY487_Z03

No. 70851
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
10/01/2012

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Please follow the latest edition of BC31 (Building Component Safety Information, by TPI and MTCA) and the practices noted otherwise. Top Chord shall provide temporary bracing for the entire length of the truss. Trusses shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of wall shall have bracing installed per BC31 sections 83, 87 or 810, as applicable.

ITW Building Components Group Inc. (INBGC) shall not be responsible for any deviation from the design shown. INBGC shall be responsible for any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or bracing the truss. Apply plates to each face of truss and position as shown above and on the back of the truss. Details are subject to change without notice. See also the drawing or cover page placing this design shown. Indicates acceptance of professional 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.tpinet.org; MTCA: www.sociindustry.com; ICC'sa: www.iccsa.org

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844
FL COA #0 278

(12-269--Doug Edgley Curtis & Tanya Neeley Res -- Lake City, FL - H9AT)

Top chord 2x4 SP_#1_12A
Bot chord 2x4 SP_#1_12A
Webs 2x4 SP_#3_12A :W2 2x8 SP_#1_Dense_12A:
:W7 2x4 SP_#1_12A:

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

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

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

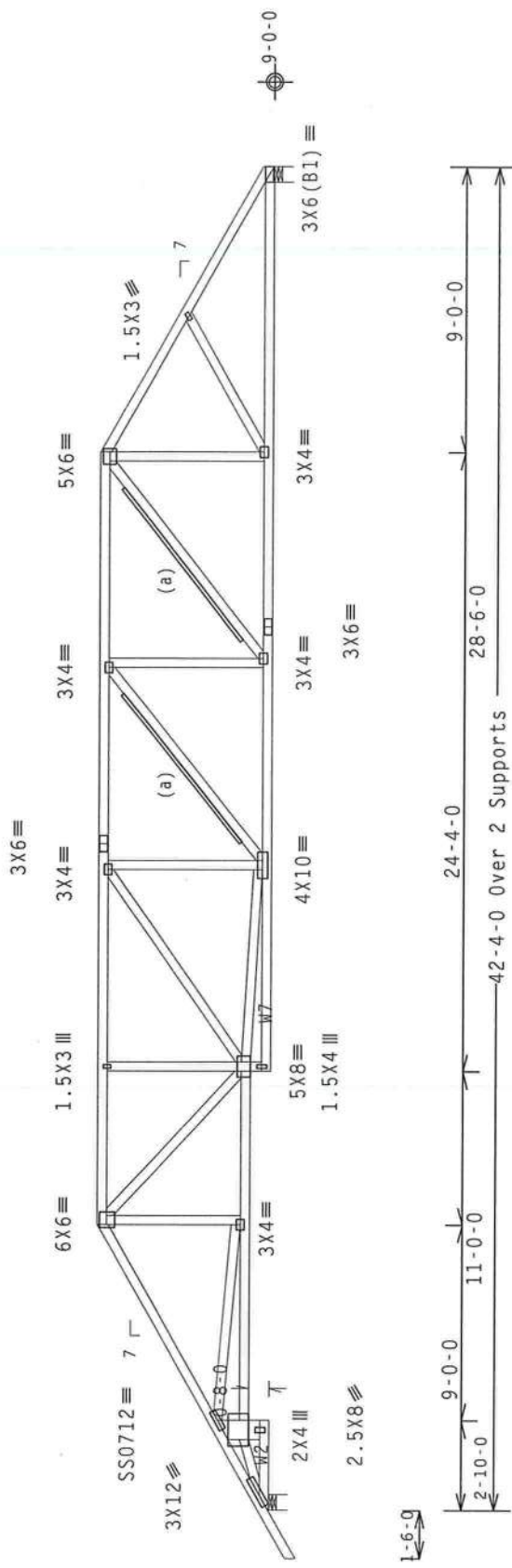
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

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

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

(a) 1x4 #3SR8 SPF-S or better "I" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

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



R=1716 U=72 W=6"
RL=92/-100

R=1601 U=60 W=6"

PLT TYP. 18 Gauge HS.Wave

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

Scale =.1875"/Ft.

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

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET.
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Components Safety Institute) Manual for details and practices prior to performing these functions. Installers shall provide temporary bracing for all trusses. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of web members shall have bracing installed per BCSI sections B2, B7 or B10, as applicable.
****IMPORTANT**** ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design of trusses. Apply plates to each face of truss and position as shown above and on the details. Unless noted otherwise, refer to drawings 100A-2 for standard plate positions. A seal of approval is provided for the design shown. The responsibility of the Professional Engineer is to ensure 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.tpinet.org; MICA: www.sbciindustry.com; ICC: www.iccsafe.org

WILLIAM H. KRICK
LICENSE
No. 70861
STATE OF FLORIDA
PROFESSIONAL ENGINEER
10/01/2012

TC LL	20.0 PSF	REF	R487--	65442
TC DL	7.0 PSF	DATE	10/01/12	
BC DL	10.0 PSF	DRW	HCU487	12275097
BC LL	0.0 PSF	HC-ENG	WHK/WHK	
TOT.LD.	37.0 PSF	SEQN-	23423	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	LUPY487_Z03	

(12-269--Doug Edgley Curtis & Tanya Neeley Res -- Lake City, FL - HJ7)

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

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

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

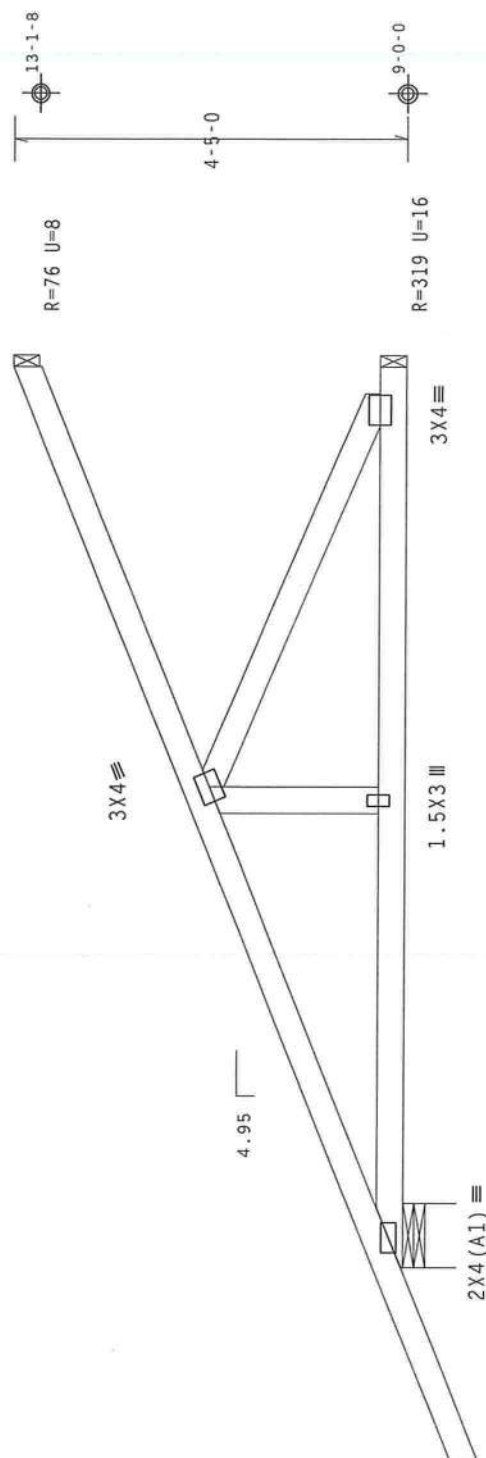
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Special loads

---	(Number	=1.25 /	Plate	Dur.Fac.=1.25)
Tc	from	0 pif at -2.12	to	5 pif at 0.00
Tc	from	2 pif at -2.12	to	2 pif at 9.50
Bc	from	0 pif at -2.12	to	2 pif at 0.00
Bc	from	2 pif at -2.12	to	2 pif at 9.50
Tc	134.50 lb Conc.	Load at 1.48		
Tc	112.23 lb Conc.	Load at 4.31		
Tc	231.20 lb Conc.	Load at 7.13		
Bc	15.56 lb Conc.	Load at 1.48		
Bc	100.05 lb Conc.	Load at 4.31		
Bc	178.17 lb Conc.	Load at 7.13		

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

Provide { 2 } 16d common nails (0.162"x3.5"). toe nailed at Top chord.
Provide { 3 } 16d common nails (0.162"x3.5"). toe nailed at Bot chord.


$$\overleftrightarrow{2-1-7}$$

9-10-13 Over 3 Supports

2=323 11=95 W=8 485"

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

PLOT TYP. Wave

Scale = .5"/Ft.

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

QT: 2

Y1.0209.20

03.

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

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PLT TYP. Wā

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing.

allow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for 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 walls.

shall have bracing installed per BCS sections 85, 87 or 810, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design or installation instructions provided by ITWBCG. ITWBCG shall not be responsible for any failure due to any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing, or for any other reason.

acing of trusses. Apply plates to each face of truss and position as shown above and on the Joists. Unless noted otherwise. Refer to drawings 1604-2 for standard plate connections. A

listing this drawing. Indicates acceptance of professional engineering drawing or cover page listing this drawing.

responsibility solely for the design known. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This job's

general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com;
CC: www.1ccsafe.org

Top chord 2x4 SP_#1_12A
Bot chord 2x4 SP_#1_12A
Webs 2x4 SP_#1_12A :W2 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 B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCPI(+/-)=0.18

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

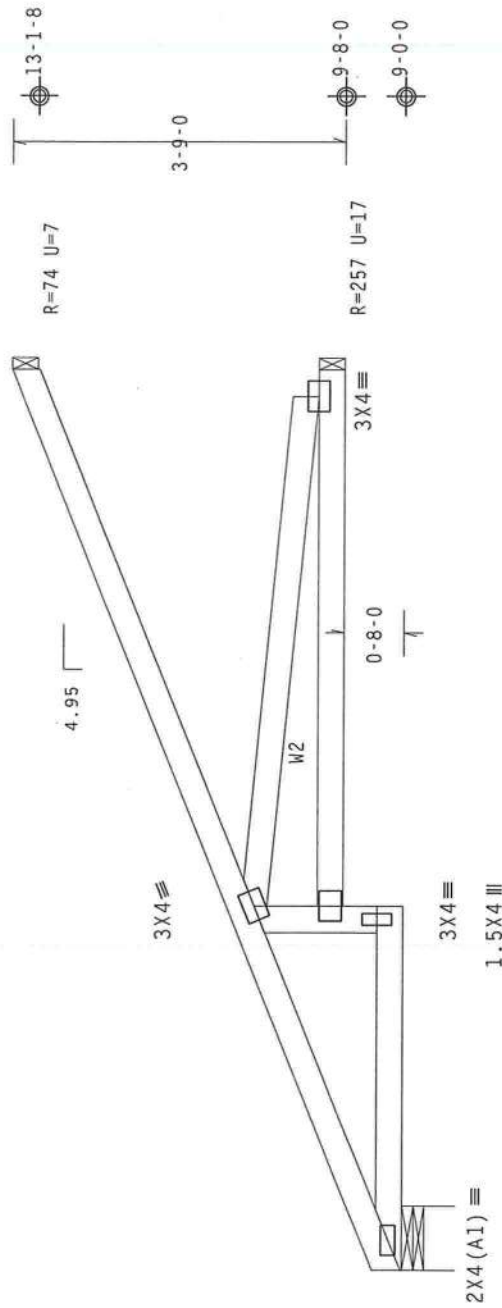
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Special loads

-----Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25
TC- From 2 plf at 0.00 to 2 plf at 9.90
BC- From 2 plf at 0.00 to 2 plf at 4.01
TC- From 2 plf at 4.01 to 2 plf at 9.90
TC- 34.50 lb Conc. Load at 1.48
TC- 135.63 lb Conc. Load at 4.31
TC- 124.25 lb Conc. Load at 7.13
BC- 15.56 lb Conc. Load at 1.48
BC- 28.22 lb Conc. Load at 4.31
BC- 217.04 lb Conc. Load at 7.13

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

Provide { 2 } 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide { 2 } 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

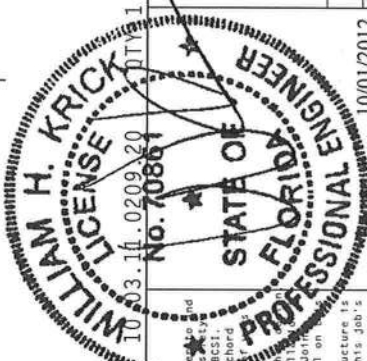


4-0-1 5-10-11
9-10-13 Over 3 Supports
R=277 U=77 W=8.485"

PLT TYP. Wave

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

Scale = 5"/Ft.



WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET.
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. The contractor shall follow the latest edition of BCSI (Building Components Safety Institute) 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 restraining shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing, bracing of trusses. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 100A-2 for standard plate positions. A seal on the bottom chord of the truss shall be provided by the contractor. The contractor shall be responsible for 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.tpinet.org; MCA: www.sbcindustry.com; ICC: www.iccsafe.org

REF	R487--	65444
DATE	10/01/12	
DRW	HCUSR487	12275099
HC-ENG	WHK/WHK	
SEQN	23426	
TOT.LD.	37.0	PSF
DUR.FAC.	1.25	
SPACING	24.0"	

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

10/01/2012

JREF- LUPY487_Z03

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 11/5/2012 by ALSC.

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

In lieu of rigid ceiling use purlins to brace BC @ 24" OC.

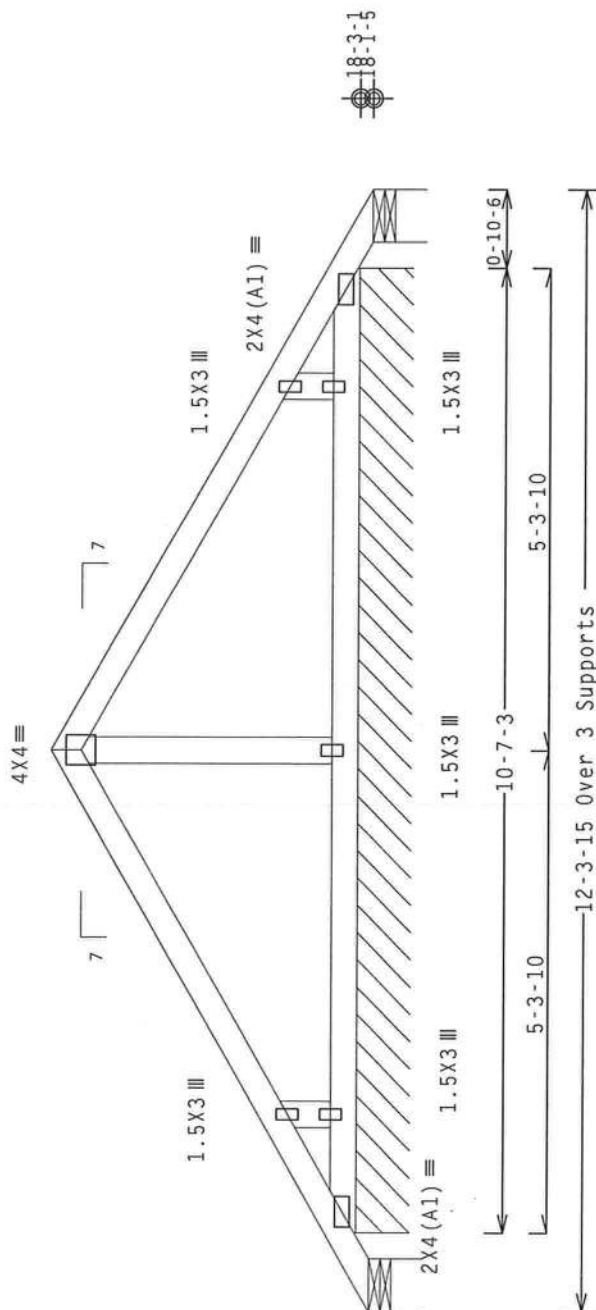
WMFRS Loads based on trusses located at least 19.91 ft. from roof edge.

Special loads

----- (Lumber	Dur.Fac.=1.25 /	Plate	Dur.Fac.=1.25)
TC- From	56 plf at	0.00 to	56 plf at 6.17
TC- From	56 plf at	6.17 to	56 plf at 12.33
BC- From	4 plf at	0.00 to	4 plf at 12.33

120 mph wind, 19.91 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=2.0 psf. GCp1 (+/-)=0.18

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



R=24 R_w=39 U=23 W=6.946"

RL=55/-B562 PLF U=3 PLF W=10-7-3

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

PLT TYP. Wave

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

Scale = .5"/Ft.

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

IMPORTANT: FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS. Trusses require extreme care in fabricating, handling, shipping, installing and bracing.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. The following guidelines are intended to assist in the design and construction of trusses. Trusses should be designed and constructed in accordance with the following guidelines:

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design shown on drawings or specifications. The user assumes full responsibility for any failure to build the truss in conformance with ANSI/TPI-1 standards. ITWBCG does not warrant details, unless stated otherwise. Refer to drawings 160A-Z for standard plate positions. A seal on each end of the chord indicates the position of the top and bottom chords as shown above and on the drawing. The user must follow the manufacturer's instructions regarding the use of the product. The responsibility for the design shown on drawings or cover page listing this drawing, the suitability and use of this design for any structure is solely the responsibility of the design engineer. The responsibility of the building designer per ANSI/TPI-1 Sec.2. For more information see: This Job's Specifications, Page 17.
ITW-Bldg.: www.itwbuilding.com TPI: www.tpi-int.org WCA: www.sbcinfocenter.com
www.160series.com

No. 70861

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STATE OF

STAIR

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SECRET

PERSONAL EX

11/23/2011 10:01:11 AM

Top chord 2x4 SP-#112A
Bot chord 2x4 SP-#112A
Webs 2x4 SP-#312A

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

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

In lieu of rigid ceiling use purlins to brace BC @ 24" OC.

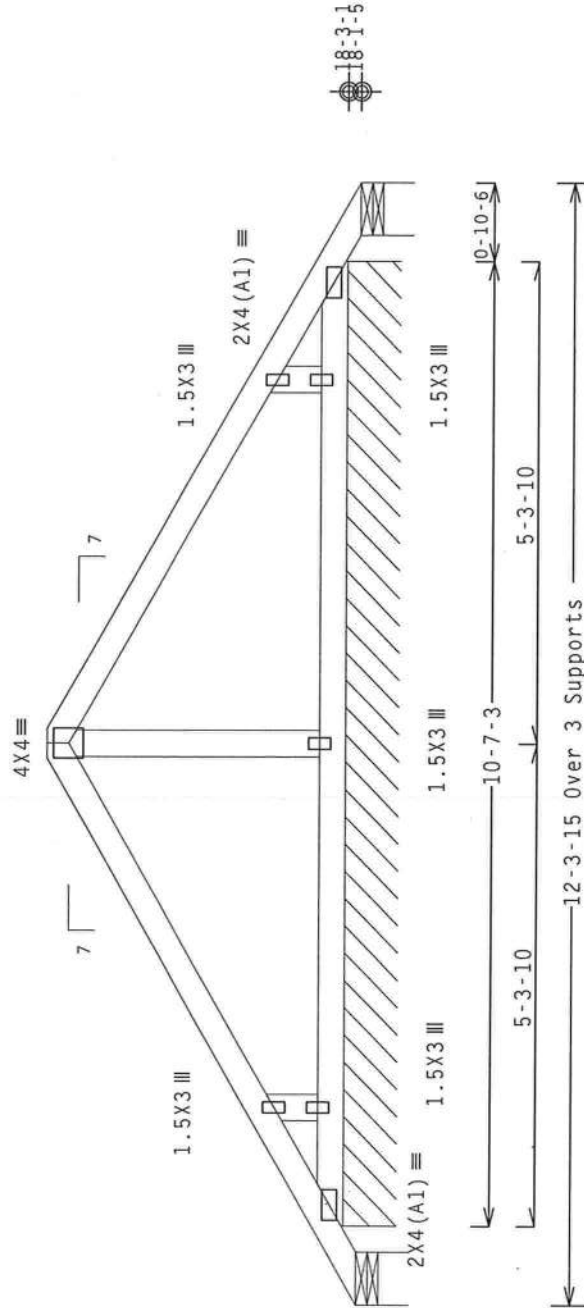
MMFRS loads based on trusses located at least 19.86 ft. from roof edge.

Special loads

Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25
TC- From 56 plf at 0.00 to 56 plf at 6.17
BC- From 56 plf at 6.17 to 56 plf at 12.33
BC- From 4 plf at 0.00 to 4 plf at 12.33

120 mph wind, 19.86 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=2.0 psf, GCPI(+/-)=0.18

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



R=24 R_w=39 U=23 W=6.946"
RL=54/-5462 PLF U=3 PLF W=10-7-3

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

PLT TYP. Wave

ALPINE

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

****IMPORTANT****
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information, by TPI and WTC) for proper installation and bracing details. Truss installers shall provide temporary bracing and bracing details. Truss installers shall have a properly attached rind setting. Locations shown for permanent lateral bracing shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the bracing details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. A seal on the drawing or cover page listing this design shown. The suitability and use of this design for any structure is the responsibility of the user. For more information see: This job's general notes page: ITW-BCSI: www.itwbcg.com; TPI: www.tpiinc.org; WTC: www.tccsafe.org
ICC: www.iccsafe.org

WILLIAM H. KRICK
LICENSE
No. 70861
03.1.0209.20
FLORIDA
PROFESSIONAL ENGINEER
10/01/2012

Scale = 5"/Ft.	REF	R487--	65446
	DATE	10/01/12	
	DRW	HCUSR487	12275101
	HC-ENG	WHK/WHK	
	SEQN	23437	
	DUR.FAC.	1.25	
	SPACING	24.0"	
	JREF	1UPY487_Z03	

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.

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

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

WEB MEMBER SIZE	SPECIFIED CLB BRACING	T OR L-BRACE	ALTERNATIVE BRACING SCAB BRACE
2X3 DR 2X4	1 ROW	2X4	1-2X4
2X3 DR 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.

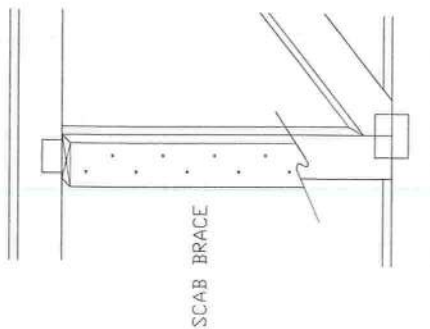
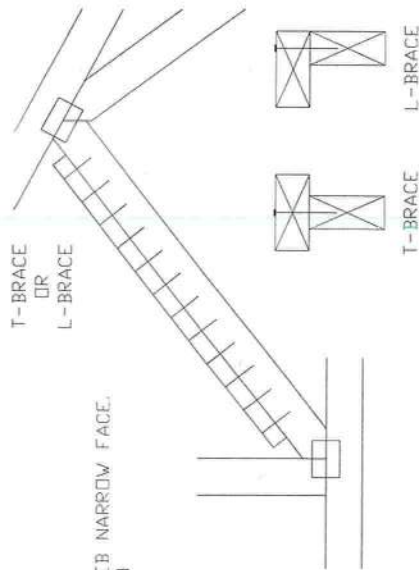
T-BRACING
OR
L-BRACING:

APPLY TO EITHER SIDE OF WEB NARROW FACE.
ATTACH WITH 10d BOX OR GUN
(X.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,
NOT MORE THAN (1) SCAB PER FACE,
ATTACH WITH 10d BOX OR GUN
NAIL. (0.128" x 3", MIN) NAILS.
AT 6" O.C.
BRACE IS A MINIMUM
80% OF WEB MEMBER LENGTH



www.admnic.com | 800.441.4444 | 813.949.4444

[illegible]

*****IMPORTANT*** FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR.**

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design, any failure to build the truss in conformance with 191, or fabricating, handling, shipping, installing, or erecting the truss. ITWBCG connector plates are made of 2018/160A (W4/W4X) and upgrade 37/40/41 (W4/W4X) gdw. steel. Apply plates to each face of truss, positioned as shown on end joint Details.

17W-BEG: www.tbccg.com; TPI: www.tpinet.com; VITA: www.sbcindstry.com; ICC: www.iccsafe.org



TWN
Building Components Group Inc.

Building Components Group Inc.

Earth City, MO 63045

REF CLB SUBST.

DATE 1/1/09

DRWG BRCLBSUB0109

PSE

328

DUR. FAC.

SPACING

10/01/2012

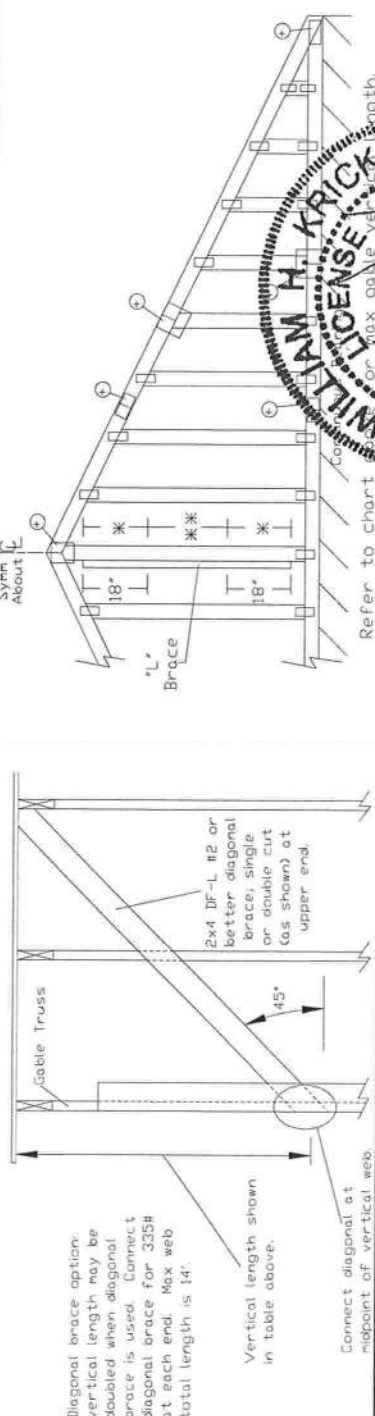
ASCE 7-10: 120 mph Wind Speed, 15' Mean Height, Enclosed, Exposure C, Kzt = 1.00

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

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

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

1x4 Braces shall be S8B (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 3S pif over continuous bearing (3 psf TC Dead Load).
 Gable end supports load from 4' 0" outloak with 2' 0" overhang, or 12" plywood overhang.
 So. Pine lumber design values based on the ALSC January, 2012 rule.
 Attach "L" braces with 10d (0.128"x30" 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.



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

Vertical length shown in table above.

Connect diagonal at midpoint of vertical web

Refer to chart for max gable vertical length.

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

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING
 IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.
 Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI Building Component Safety Information by TPI and VTCO for proper practices prior to performing these functions. Installers shall provide temporary bracing unless noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have properly attached rigid insulation. Locations shown for permanent lateral restraint of each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions.
 ITT Building Components Group, Inc. shall not be responsible for any deviation from this drawing. Failure to buy, handle, install or brace trusses in accordance with this drawing is the responsibility 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:
 TPI: www.tpiinc.com, TPI: www.tpiinc.org, VTCO: www.vtcocorp.org, ICC: www.iccsafe.org

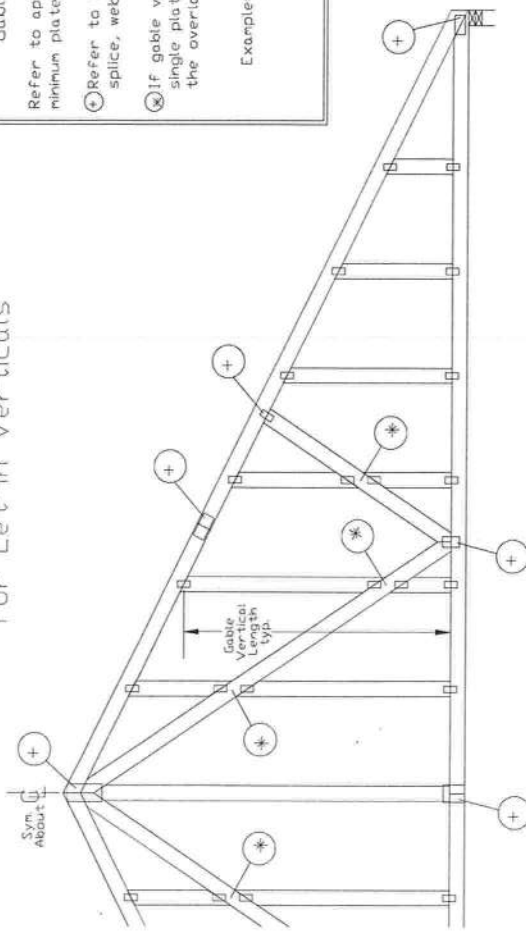
Building Components Group Inc.
 Earth City, MO 63045

REF: ASCE7-10-GABI2015
 DATE: 2/14/12
 DRWG: A12015ENC100212

MAX. TOT. L.D. 60 PSF
 MAX. SPACING 24'0"

10/6/2012

Gable Detail For Let-in Verticals



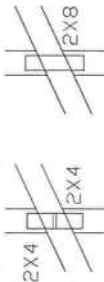
Gable Truss Plate Sizes

Refer to appropriate ITV 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:



T Reinforcement Attachment Detail



To convert from 'L' to 'T' reinforcing members, multiply 'T' increase by length (based on appropriate ITV 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. Mar. Size	*T* Increase
2x4	30 %
2x6	20 %

Example:

ASCE 7-10 Wind Speed = 120 mph

Mean Roof Height = 30 ft, Kzt = 100

Gable Vertical = 24' o.c. SP #3

T Reinforcing Member Size = 2x4

(1) 2x4 'L' Brace Length = 8' 7"

Maximum 'T' Reinforced Gable Vertical Length

1.30 x 8' 7" = 11' 2"

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"x 3" min) Toenails at 4" o.c. plus

(4) toenails in the top and bottom chords.

This detail to be used with the appropriate ITV 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,

A1303020109, A1203020109, A1103020109, A1003020109

ASCE 7-05 Gable Detail Drawings

A13015050109, A12015050109, A11015050109, A10015050109,

A1303050109, A1203050109, A1103050109, A1003050109

ASCE 7-10 Gable Detail Drawings

A131515ENC100212, A12015ENC100212, A11015ENC100212,

A10015ENC100212, A20015ENC100212, A20015ENC100212,

A1530ENC100212, A12030ENC100212, A14030ENC100212,

A18030ENC100212, A20030ENC100212, A20030ENC100212.

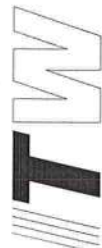
See appropriate ITV gable detail for maximum length.

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information) by TPI and VTC for practices prior to performing these functions. Installers shall provide temporary bracing unless noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid sheathing. Locations shown for permanent lateral bracing of each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 150A-Z for standard plate positions.

ITV Building Components Group Inc. shall not be responsible for any deviation from this drawing. Trusses shall be installed in accordance with the manufacturer's instructions for the bracing of trusses. A seal on this drawing or cover sheet shall be provided by the 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: <http://www.bcsi.org>, <http://www.tpi.org>, <http://www.sdcindustry.org>, <http://www.aiaa.com>



Building Components Group Inc.

Earth City, MO 63045

No. 70861

STATE OF FLORIDA
PROFESSIONAL ENGINEER

10/01/2012

REF LET-IN VERT

DATE 2/16/12

DRWG GBLLETIN0212

MAX. TOT. LD. 60 PSF

DUR. FAC. ANY

MAX. SPACING 24.0"

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
 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.

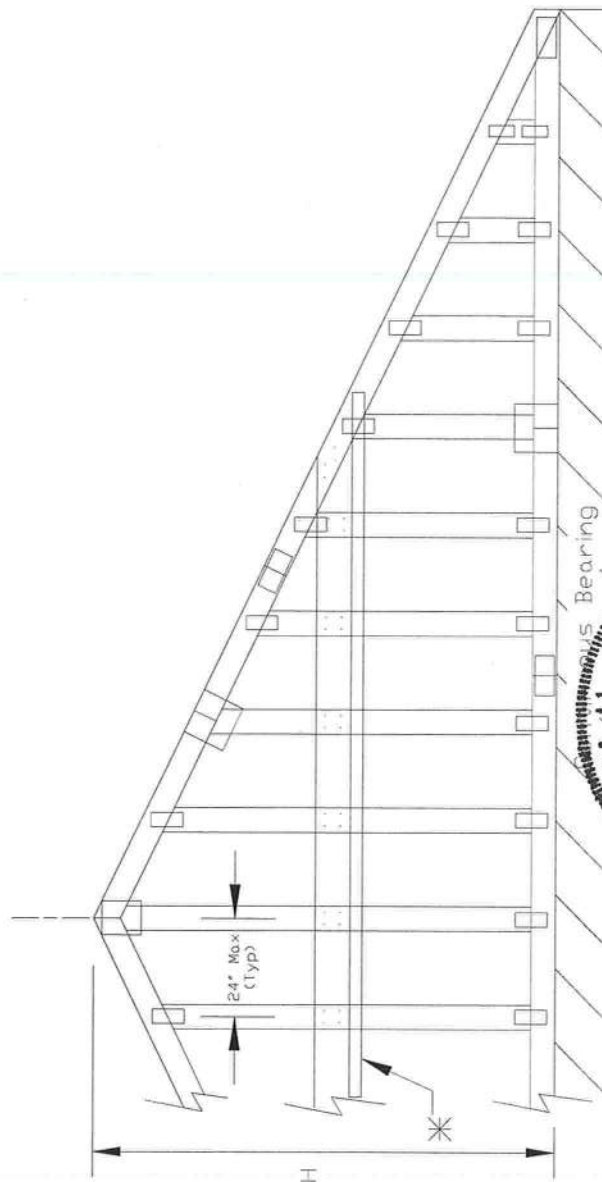
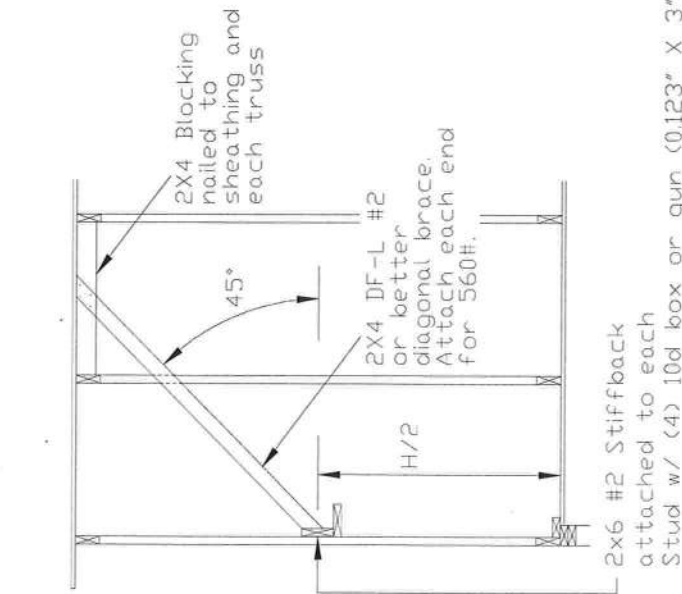
Nails: 10d box or gun (0.128" x 3", min) nails.

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 A1030ENC10).

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

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



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

[illegible]

ITV Building Components Group Inc. shall not be responsible for any deviation from this drawing. Any failure to build the truss in conformance with ANSI/P1-1 or for handling, shipping, installation & erection of this truss is the responsibility of the user. The user is responsible for the use of this drawing for professional engineering responsibility solely for the user. The user is responsible for the use of this drawing for any structure is the responsibility of the Building Designer per ANSI/P1-1 SEC. 2. For more information see this job's general notes page and these web sites:

W T

Earth City, MO 63045

No 20861

10. 11. 1944

STATE OF

FILED



SIGNAL

REF GE WHAI FR

DATE 2/14/12

DBP/C GAPBCT100213

MAX. TPT. 1 D. 60 PSE

MAX. SPACING