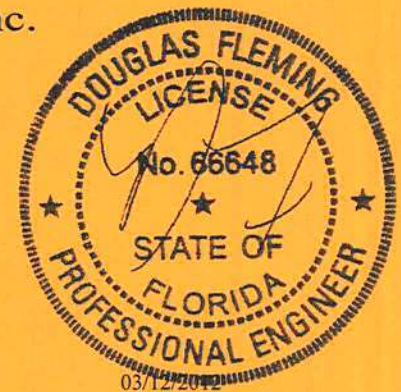


ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
 Florida Engineering Certificate of Authorization Number: 0 278
 Florida Certificate of Product Approval # FL1999
 Page 1 of 1 Document ID:1UKA487-Z0112073558



Truss Fabricator: Anderson Truss Company
 Job Identification: 12-051--Fill in later WESTSIDE COMMUNITY CENTER -- , **
 Truss Count: 69
 Model Code: Florida Building Code
 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
 the seal date per section 61G15-31.003(5a) of the FAC
 Address:
 Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
 Floor - N/A
 Wind - 120 MPH ASCE 7-10 -Closed

Notes:

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

Douglas Fleming
 -Truss Design Engineer-

1950 Marley Drive
 Haines City, FL 33844

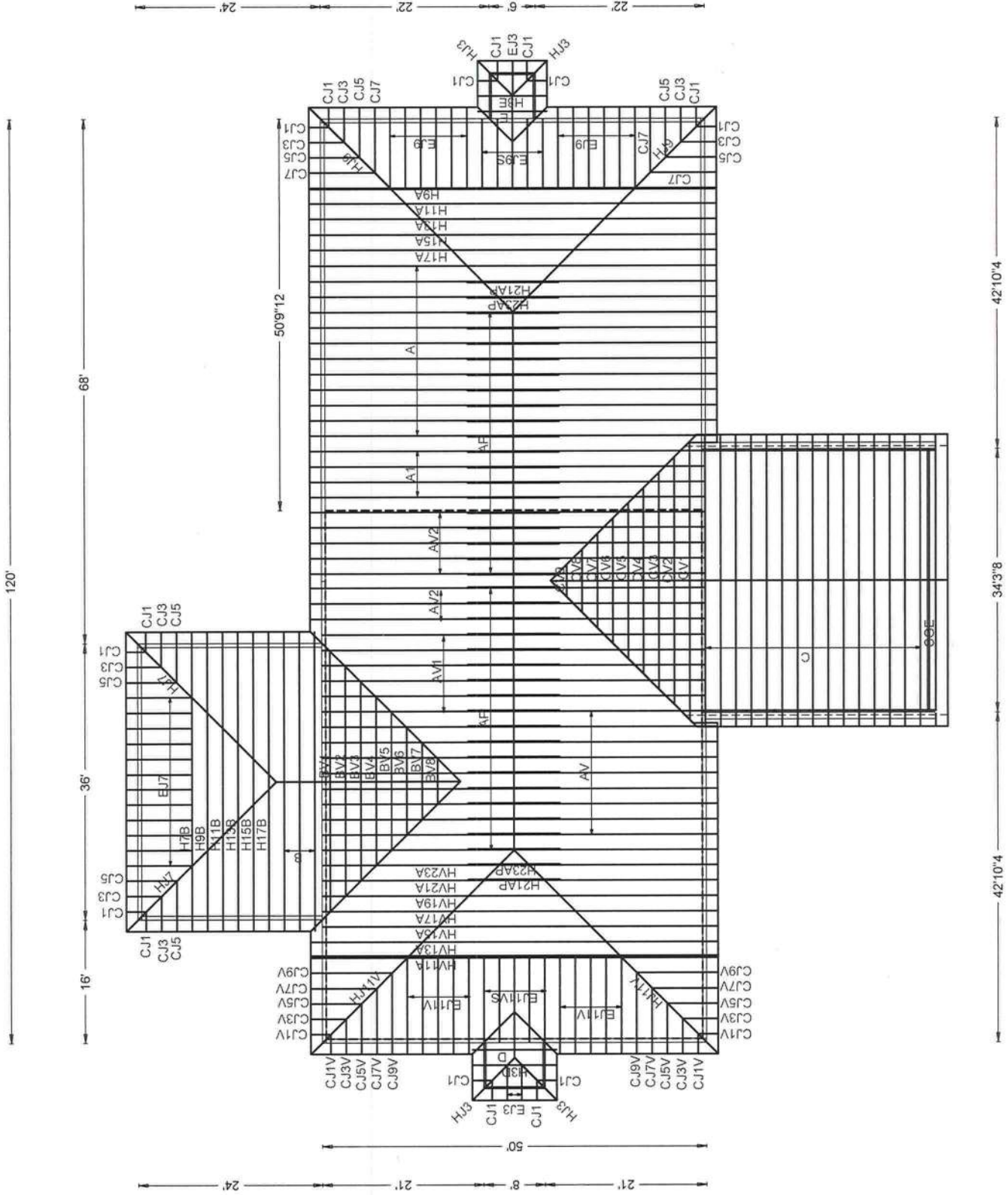
Details: BRCLBSUB-14030EC1-GBLLETIN-PB16010-VAL16010-

#	Ref	Description	Drawing#	Date
1	52858--H9A		12072067	03/12/12
2	52859--H11A		12072001	03/12/12
3	52860--H13A		12072002	03/12/12
4	52861--H15A		12072003	03/12/12
5	52862--H17A		12072004	03/12/12
6	52863--A		12072005	03/12/12
7	52864--A1		12072006	03/12/12
8	52865--HV11A		12072058	03/12/12
9	52866--HV13A		12072068	03/12/12
10	52867--HV15A		12072007	03/12/12
11	52868--HV19A		12072008	03/12/12
12	52869--HV21A		12072009	03/12/12
13	52870--HV23A		12072069	03/12/12
14	52871--AV		12072010	03/12/12
15	52872--AV1		12072011	03/12/12
16	52873--AV2		12072012	03/12/12
17	52874--HV17A		12072013	03/12/12
18	52875--H7B		12072059	03/12/12
19	52876--H9B		12072014	03/12/12
20	52877--H11B		12072015	03/12/12
21	52878--H13B		12072016	03/12/12
22	52879--H15B		12072017	03/12/12
23	52880--H17B		12072018	03/12/12
24	52881--B		12072019	03/12/12
25	52882--C		12072020	03/12/12
26	52883--CGE		12072060	03/12/12
27	52884--D		12072021	03/12/12
28	52885--H3D		12072061	03/12/12
29	52886--E		12072022	03/12/12
30	52887--H3E		12072065	03/12/12
31	52888--EJ3		12072023	03/12/12
32	52889--CJ1		12072024	03/12/12
33	52890--HJ3		12072062	03/12/12
34	52891--CJ3		12072025	03/12/12
35	52892--CJ5		12072026	03/12/12
36	52893--EJ7		12072027	03/12/12

#	Ref	Description	Drawing#	Date
37	52894--HJ7		12072063	03/12/12
38	52895--CJ7		12072028	03/12/12
39	52896--EJ9		12072029	03/12/12
40	52897--EJ9S		12072030	03/12/12
41	52898--HJ9		12072064	03/12/12
42	52899--CJ1V		12072031	03/12/12
43	52900--CJ3V		12072032	03/12/12
44	52901--CJ5V		12072033	03/12/12
45	52902--CJ7V		12072034	03/12/12
46	52903--CJ9V		12072035	03/12/12
47	52904--EJ11VS		12072036	03/12/12
48	52905--EJ11V		12072037	03/12/12
49	52906--HJ11V		12072066	03/12/12
50	52907--AP		12072038	03/12/12
51	52908--H23AP		12072039	03/12/12
52	52909--H21AP		12072040	03/12/12
53	52910--BV1		12072041	03/12/12
54	52911--BV2		12072042	03/12/12
55	52912--BV3		12072043	03/12/12
56	52913--BV4		12072044	03/12/12
57	52914--BV5		12072045	03/12/12
58	52915--BV6		12072046	03/12/12
59	52916--BV7		12072047	03/12/12
60	52917--BV8		12072048	03/12/12
61	52918--CV1		12072049	03/12/12
62	52919--CV2		12072050	03/12/12
63	52920--CV3		12072051	03/12/12
64	52921--CV4		12072052	03/12/12
65	52922--CV5		12072053	03/12/12
66	52923--CV6		12072054	03/12/12
67	52924--CV7		12072055	03/12/12
68	52925--CV8		12072056	03/12/12
69	52926--CV9		12072057	03/12/12



WESTSIDE COMMUNITY CENTER



ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Page 1 of 1 Document ID:1UKA487-Z0112073558

Truss Fabricator: Anderson Truss Company
Job Identification: 12-051--Fill in later WESTSIDE COMMUNITY CENTER -- , **
Truss Count: 8
Model Code: Florida Building Code
Truss Criteria: FBC2010Res/TPI-2007(STD)
Engineering Software: Alpine Software, Version 10.03.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 120 MPH ASCE 7-10 -Closed

Notes:

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

Revised Trusses

#	Ref	Description	Drawing#	Date
1	52866--	HV13A	12072068	03/12/12
2	52870--	HV23A	12072069	03/12/12
3	52875--	H7B	12072059	03/12/12
4	52885--	H3D	12072061	03/12/12
5	52887--	H3E	12072065	03/12/12
6	52890--	HJ3	12072062	03/12/12
7	52894--	HJ7	12072063	03/12/12
8	52898--	HJ9	12072064	03/12/12



-Truss Design Engineer-
Douglas Fleming

1950 Marley Drive
Haines City, FL 33844

(12-051--Fill) in later WESTSIDE COMMUNITY CENTER -- , ** - H9A)

Top chord 2x4 SP M-30 :T2, T3 2x6 SP #2:
Bot chord 2x6 SP #2 :B2, B3 2x6 SP #1 Dense:
Webs 2x4 SP #3

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=5.0 psf, wind BC
DL=5.0 psf. GCPI(+/-)-0.18

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

Calculated horizontal deflection is 0.12" due to live load and 0.19"
due to dead load.

#1 hip supports 9-0-0 jacks W/2 panel TC and no end vert.

Calculated vertical deflection is 0.52" due to live load and 0.83" due
to dead load at X = 21-9-15.

2 COMPLETE TRUSSES REQUIRED

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

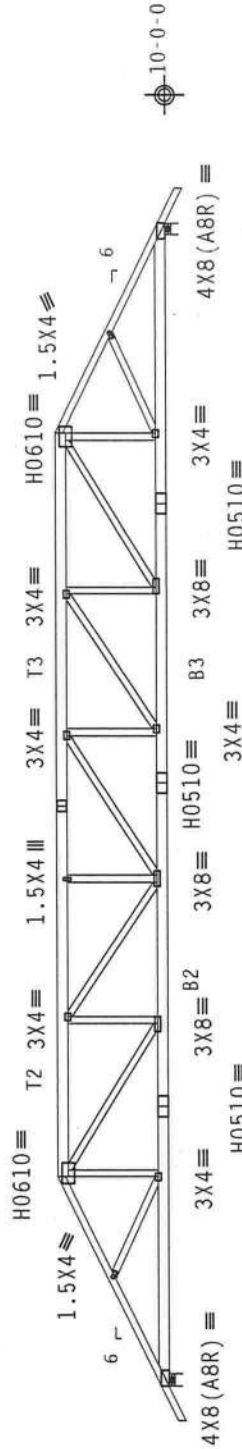
Roof overhang supports 2.00 psf soffit load.

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

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

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

5X6=



11'-6-10

9-0-0

32-0-0

9-0-0

11'-6-10

50'-0-0 Over 2 Supports

R=5185 U=0 W=6"

5185 U=0 W=6"

PLT TYP. 20 Gauge HS, Wave

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

Scale = .125"/Ft.

REF	R487--	52858
DATE	03/12/12	
DRW	HCUSR487 12072067	
HC-ENG	JB/DF	
SEQN	275762	
DUR.FAC.	1.25	
SPACING	24.0"	
JREF	1UKA487_Z01	

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 the latest edition of BCSI (Building Component Safety Information, by TPI and WCA) for best practices prior to performing these functions. Installers shall provide temporary bracing per local building codes. Top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint only. Trusses shall have bracing installed per BCSI sections B5, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design. Any failure to build the truss in accordance with ANSI/TPI 1, or for handling, shipping, installing, bracing of trusses. Apply plates and bracing as shown. Refer to drawings 1608-2 for standard plate positions. A seal on the drawing or cover page listing this design. Indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This job's general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; WCA: www.wcaindustry.com; ICC: www.iccsafe.org

ALPINE

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



(12-051--Fill) in later WESTSIDE COMMUNITY CENTER -- . ** - H13A)

Top chord 2x4 SP M-30
Bot chord 2x4 SP M-30
Webs 2x4 SP #3

Roof overhang supports 2.00 psf soffit load.

Calculated horizontal deflection is 0.11" due to live load and 0.17" due to dead load.

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

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

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

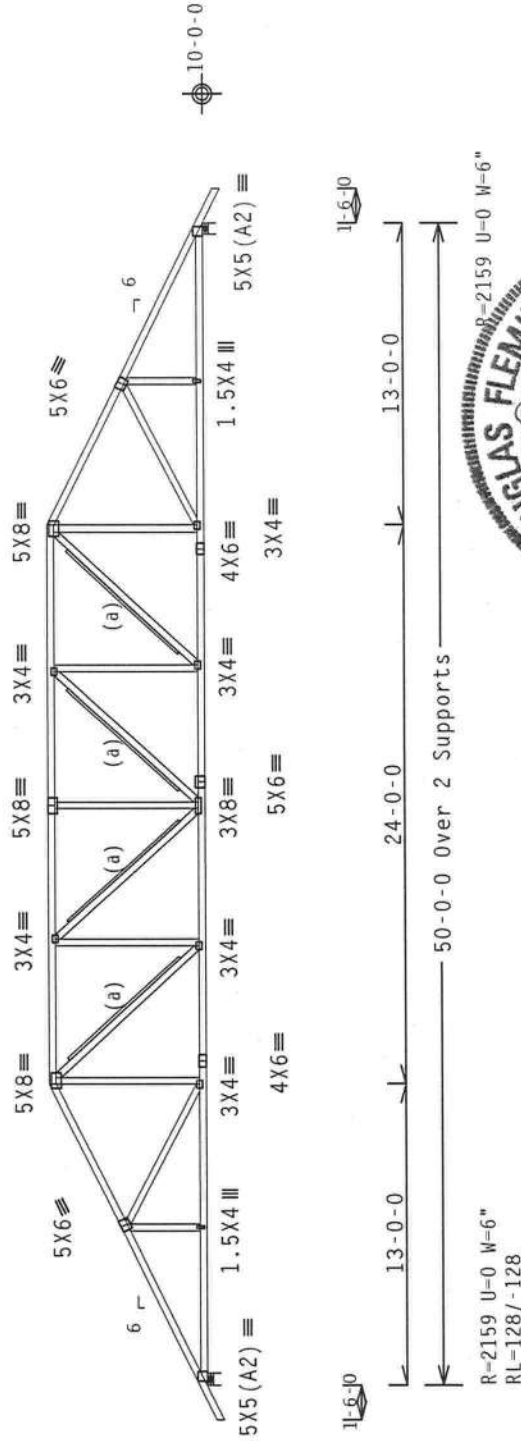
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 13.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf. GCPI (+/-)=0.18

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.

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



Design Crit: FBC2010Res/TPI-2007 (STD)

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

PLT TYP. Wave

Scale = .125"/Ft.

FL/-4/-/-R/-

QTY: 10.00 .11 0209.20

REF R487-- 52860

DATE 03/12/12

DRW HCUSR487 12072002

HC-ENG JB/DF

SEQN- 275774

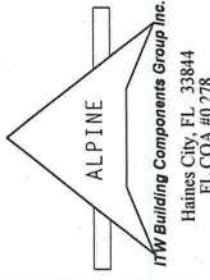
JREF- 1UKA487_Z01

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 the latest edition of BCSI (Building Component Safety Information, by TPI and WCA) for best practices prior to performing these functions. Installers shall provide temporary bracing per 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 B2, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design for any failure to build the truss in conformance with ANSI/APA 1.0 for handling, shipping, installing, bracing of trusses. Apply plates and bracing as shown on this drawing. Refer to drawings 1600-2 for standard plate positions. A seal on the drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/APA 1 Sec.2. For more information see: This job's general notes page: ITN-BCG: www.itwbcg.com; TPI: www.tpinst.org; WCA: www.bcsiindustry.com; ICC: www.iccsafe.org



Top	chord	2x4	SP	M-30
Bot	chord	2x4	SP	M-30
	webs	2x4	SP	#3

Roof overhang supports 2.00 psf soffit load.

Calculated horizontal deflection is 0.11" due to live load and 0.16" due to dead load.

(b) 2x4 #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" OC.

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

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

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 13.00 ft from roof edge, RISK CAT 11, EXP B, wind TC DL-5.0 psf, wind BC DL=5.0 psf. GCPI(+/-)=0.18

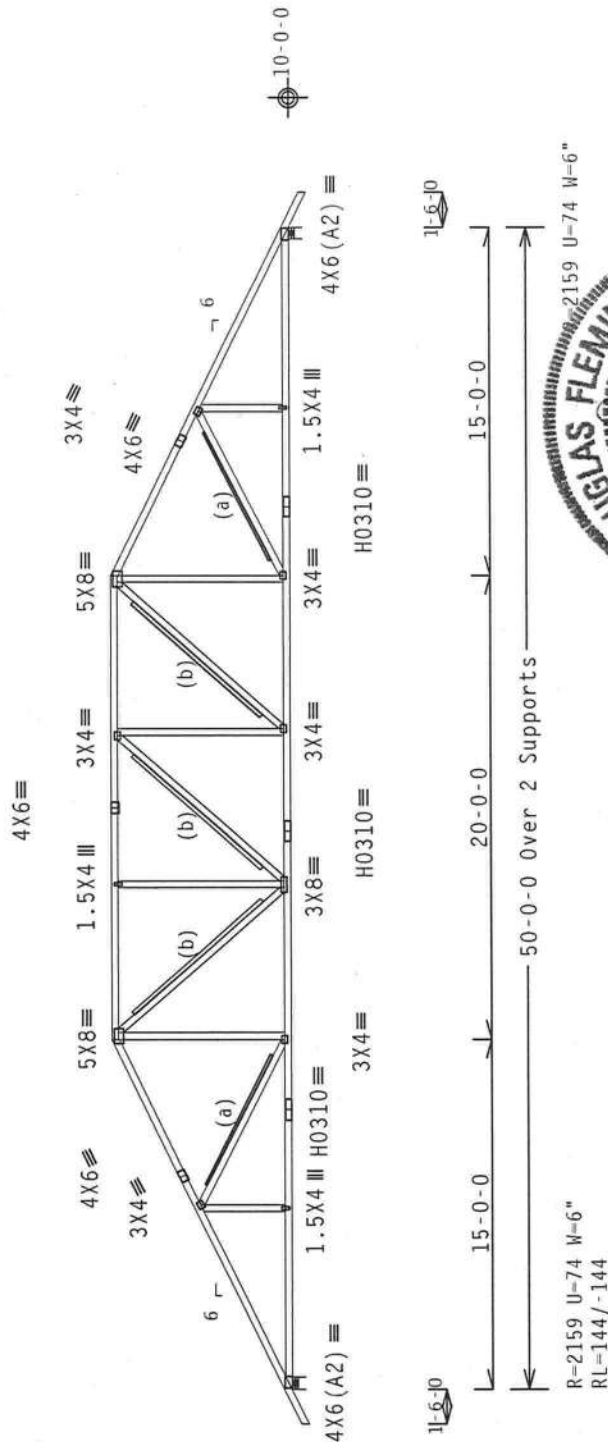
Wind loads and reactions based on MWFRS with additional C&C member design.

(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.

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.

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



R=2159 U=74 W=6"
RL=144/-144

PLT TYP. 20 Gauge HS, Wave

Design Crit: FBC2010Res/TPI-2007 (STD)

3CZOLURES/ IPI-200/
FT/RT=10%(0%) / 0(0)

Scale = .125"/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. Referring to the latest edition of BCSI (Building Component Safety) from IPI and WICA for specific practices prior to performing these functions. Install all sheathing and bottom chord bracing in accordance with the manufacturer's instructions. Sheathing and bottom chord bracing must be properly attached to the truss web members. The manufacturer's instructions noted otherwise, attached rigid ceiling. Locations shown for permanent lateral restraint shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

THE BUILDING COMPONENTS GROUP INC. (THBCG) shall not be responsible for any deviation from this drawing, specification or standard by any manufacturer or installer. The user of this drawing, specification or standard shall be responsible for its application to the particular circumstances of each case. Apply plates to each face of truss and position as shown above and on the joint between members. Refer to drawings T608-7 for standard plate positions. A seal on the metal, unless noted otherwise. Indicate acceptance of professional engineering responsibility by signing this drawing. The suitability and use of this design for any structure is the responsibility solely for the design shop. This drawing is the property of THE BUILDING COMPONENTS GROUP INC. (THBCG). No reproduction or use of this drawing without written permission of THBCG. For more information see: THIS JOB # _____
Name of Building Designer per ANSI/FP 1 Sec.2: _____
Name of Building Designer per ANSI/FP 1 Sec.2: _____
Name of Building Designer per ANSI/FP 1 Sec.2: _____
Name of Building Designer per ANSI/FP 1 Sec.2: _____

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844
FL COA #0278

SPACING 24.0"

Job's **03/12/2012**

API 1 Sec.2. For more information see:
 To find out: MICA: www.shcindustry.com

y of the Building Designer per
 ILLINOIS: www.illinois.com; IPI

the responsib

Haines City, FL 33844

(12-051--Fill in later WESTSIDE COMMUNITY CENTER --, ** - H17A)

Top chord 2x4 SP M-30
Bot chord 2x4 SP M-30
Webs 2x4 SP #3

Roof overhang supports 2.00 psf soffit load.

Calculated horizontal deflection is 0.10" due to live load and 0.16" due to dead load.

(b) 2x4 #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5", min.) nails @ 6" OC.

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

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

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

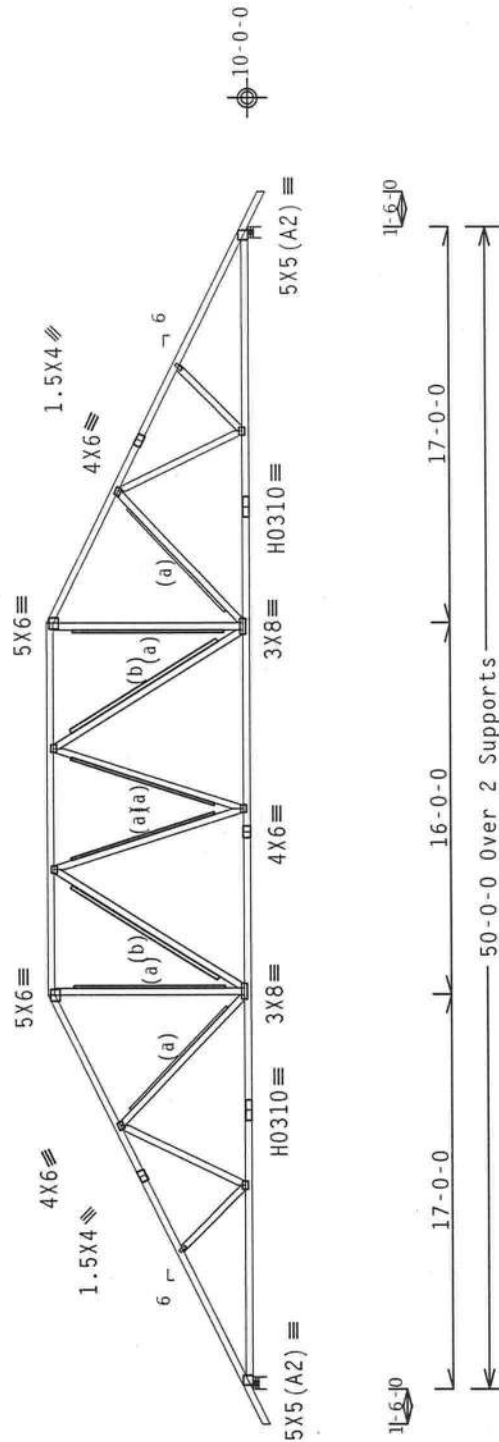
Wind loads and reactions based on MWFRS with additional C&C member design.

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

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

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.



R-2159 U=0 W=6"
RL-160/-160

Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2010Res/TPI-2007 (STD)

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

PLT TYP. 20 Gauge HS, Wave

Scale = .125"/Ft.

ALPINE ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0 278		Douglas Fleming Professional Engineer No. 66648 10.03.11.0209.20 R-2159 U=0 W=6"		TC LL 20.0 PSF	FL/-/4/-/-R/-	REF R487-- 52862
				TC DL 10.0 PSF		DATE 03/12/12
				BC DL 10.0 PSF		DRW HCUSR487 12072004
				BC LL 0.0 PSF		HC-ENG JB/DF
				TOT.L.D. 40.0 PSF		SEQN- 275784
				DUR.FAC. 1.25		JREF- 1UKA487_Z01
				SPACING 24.0"		

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

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

Calculated horizontal deflection is 0.10 due to live load and 0.13 due to dead load.

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

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

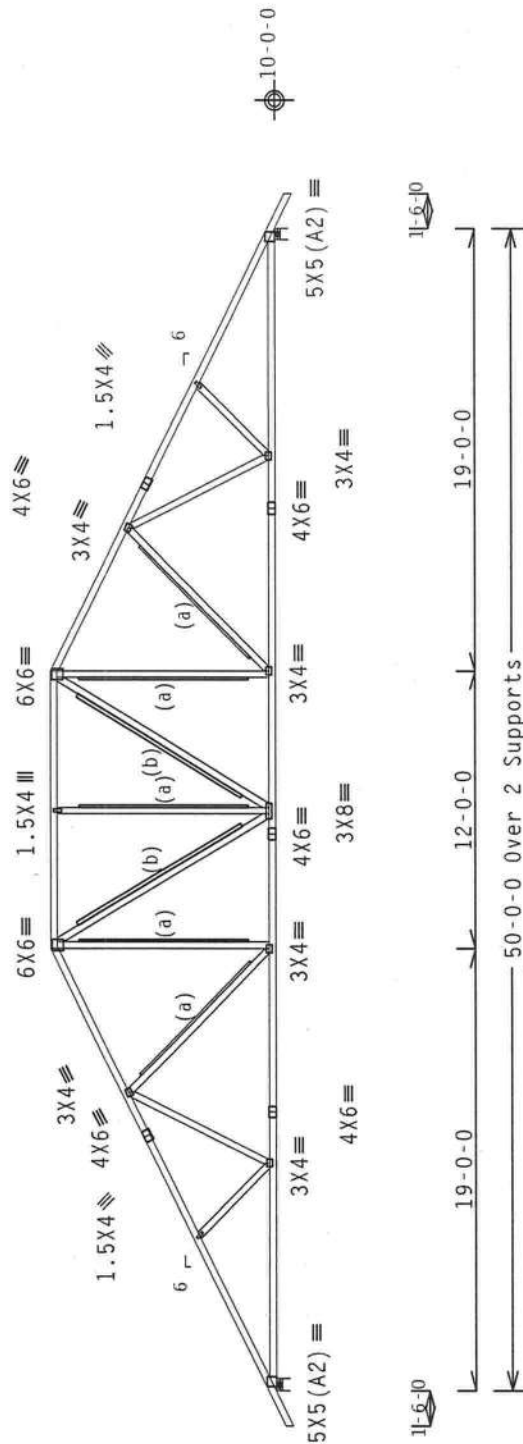
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

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

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

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.



R=2159 H=0 W=6"

R=2159 U=0 W=6"
RL=176/-176

Design Crit: FBC2010Res/TPI-2007 (STD)

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

Scale = .125"/Ft.

QTY 12 FL/-/4/-/-/R/-/

10.03.11/0209.20

(0)0/

FT/RT=10% (0%)

designer's choice.

PIT TYP. Wave

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

IMPORTANT FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

Trosses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSP (Building Component Safety Information, by IP1 and IBCA) recommendations for bracing of temporary structures prior to performing these functions. Installers shall provide temporary bracing and shoring in accordance with the design and specifications of the manufacturer. If the manufacturer's instructions do not address these functions, the contractor shall be responsible for providing the necessary bracing and shoring. The contractor shall have a properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint web bracing shall have bracing installed per BCSP sections 83, 87 or 810, as applicable.

LTV Building Components Group Inc. (LVBGCS) shall not be responsible for any deviation from the design shown on drawings or specifications, or for any failure to build the truss in conformance with ANSI TPI 1, or for handling, shipping, installation, erection, or use of the truss. The user assumes all liability for any damage to persons or property resulting from racing or trusses. Apply plates to each face of truss and position as shown above and on the Joist end view. Details, unless noted otherwise. Refer to drawings L60A-2 for standard plate positions. A Seal on the drawing or cover page listing this drawing. Indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI TPI Sec.2. For more information see: This Job's Specification. LVBGCS Website: www.lvbgs.com, TPI: www.tpi.net/org, WFLA: www.wfla.com/sec; 800-955-6674; Fax: 800-955-6674.

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

03/12/2012

information see: this.job.com
bciIndustry.com;

...tpinst.org; WTCA: www.s...

C&U: www.tlwbccg.com; TPI: www.tlwbccg.com

he responsibility of the
general notes page: ITW-B

44

Haines City, FL 338

(12-051--Fill in later WESTSIDE COMMUNITY CENTER -- , ** - A1)

Top chord 2x4 SP M-30
Bot chord 2x4 SP M-30
Webs 2x4 SP #3

Roof overhang supports 2.00 psf soffit load.

Calculated horizontal deflection is 0.10" due to live load and 0.16" due to dead load.

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

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

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

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

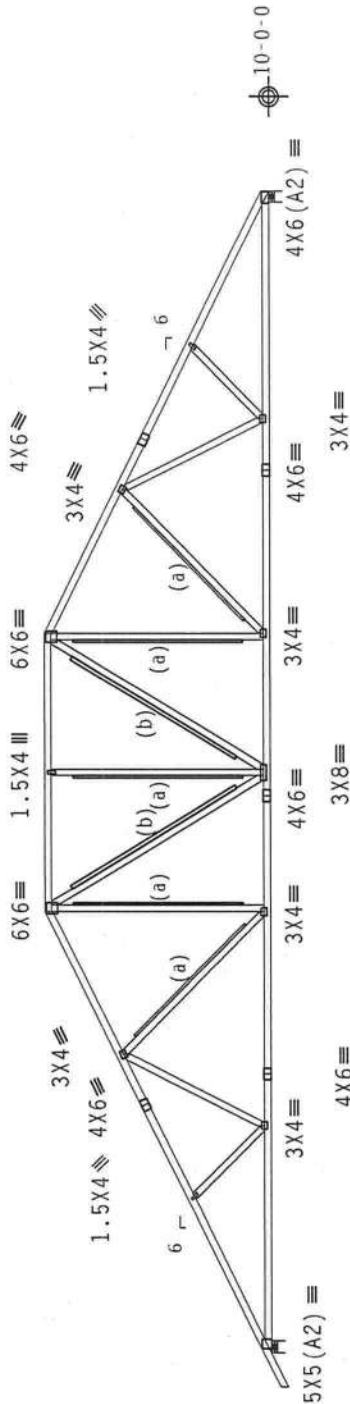
Wind loads and reactions based on MWFRS with additional C&C member design.

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

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

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.



11-6-10

19'-0'-0" 12'-0'-0" 19'-0'-0" 50'-0'-0" Over 2 Supports

R-2161 U=0 W=6"
RL-161/-168

R-2057 U=0 W=6"

Design Crit: FBC2010Res/TPI-2007 (STD)

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

Scale =.125"/Ft.

PLT TYP. Wave

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET! Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSP (Building Component Safety Information, by TPI and MICA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSP unless noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of web shall have bracing installed per BCSP sections 85, 87 or 810, as applicable. ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design or any failure to build the truss in accordance with ANSI/TPI 1, or for handling, shipping, installing and bracing of trusses. Refer to drawings 1608-2 for standard plate positions. A seal or cover page listing this drawing. Indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This job's general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; MICA: www.sbcindustry.com; ICCI: www.icc-safe.org		10.03.11.0209.20 Douglas Fleming No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER 01/12/2012		4	FL/-/4/-/R/-	TC LL	20.0 PSF	REF	R487--	52864
						TC DL	10.0 PSF	DATE	03/12/12	
						BC DL	10.0 PSF	DRW	HCUSR487	12072006
						BC LL	0.0 PSF	HC-ENG	JB/DF	
						TOT.LD.	40.0 PSF	SEQN-	276155	
						DUR.FAC.	1.25			
						SPACING	24.0"	JREF-	1UKA487_Z01	

(12-051--Fill) in later WESTSIDE COMMUNITY CENTER -- , ** - HV11A)

Top chord 2x6 SP M-26 :T1 2x4 SP M-30: :T6 2x4 SP #1:
Bot chord 2x6 SP M-26 :B1 2x8 SP #1 Dense:
:B4 2x8 SP 2400f-2.0E:
Webs 2x4 SP #3

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=5.0 psf, wind BC DL=5.0 psf. GCPI (+/-)-0.18

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

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

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

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

3 COMPLETE TRUSSES REQUIRED

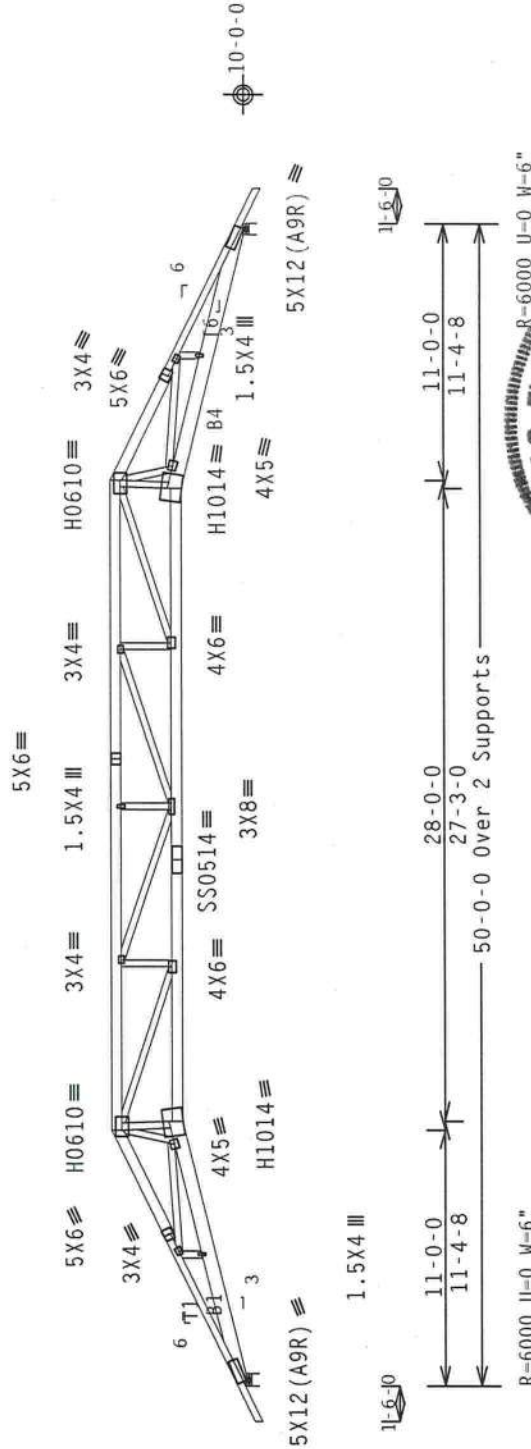
Nail Schedule: 0.131"x3" nails
Top Chord: 1 Row @12.00" O.C.
Bot Chord: 1 Row @12.00" O.C.
Webs : 1 Row @ 4" O.C.
Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting.

Roof overhang supports 2.00 psf soffit load.

Calculated horizontal deflection is 0.48" due to live load and 0.76" due to dead load.

#1 hip supports 11-0-0 jacks with no webs.

Calculated vertical deflection is 1.01" due to live load and 1.60" due to dead load at X = 24-11-7.



PLT TYP. 20 Gauge HS, 18 Gauge HS, Design Crit: FBC2010Res/TPI-2007 (STD)

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

Scale = .125"/Ft.

ALPINE ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0 278	FL/ - 4/ - / - R/ - TC LL 20.0 PSF TC DL 10.0 PSF BC DL 10.0 PSF BC LL 0.0 PSF TOT.LD. 40.0 PSF DUR.FAC. 1.25 SPACING 24.0"		REF R487-- 52865 DATE 03/12/12 DRW HCUSR487 12072058 HC-ENG JB/DF SEQN- 276152 JREF- 1UKA487_Z01	
	10.00.11.0208.20 No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER DOUGLAS FLEMING LICENSE		10.00.11.0208.20 No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER DOUGLAS FLEMING LICENSE	
	11-0-0 11-4-8 28-0-0 27-3-0 50-0-0 Over 2 Supports R-6000 U-0 W-6"		11-0-0 11-4-8 28-0-0 27-3-0 50-0-0 Over 2 Supports R-6000 U-0 W-6"	
	5X12 (A9R) 1.5X4 3X4 H0610 4X6 SS0514 3X8 4X5 H1014 5X12 (A9R)		5X12 (A9R) 1.5X4 3X4 H0610 4X6 SS0514 3X8 4X5 H1014 5X12 (A9R)	
	11-6-10 11-6-10		11-6-10 11-6-10	

IMPORTANT: READ AND FOLLOW ALL NOTES ON THIS SHEET.
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information, by TPI and NICA) for details and 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. Webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design 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 on the joint. The joint shall be braced with 2x4s or 2x6s. The plates shall be installed in the same manner as shown on the drawing or cover page listing this drawing. Indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This job's general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; NICA: www.sbcindustry.com; ICC: www.iccsafe.org

Top chord 2x6 SP #2 : T1, T6 2x4 SP M-30:

	#1	#2	:Tl,
Top chord	SP	2x6	Dense
Bot chord	SP	2x6	
Webs	SP	2x4	

Roof overhang supports 2.00 psf soffit load.

Calculated horizontal deflection is 0.48" due to live load and 0.76" due to dead load.

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

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

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

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

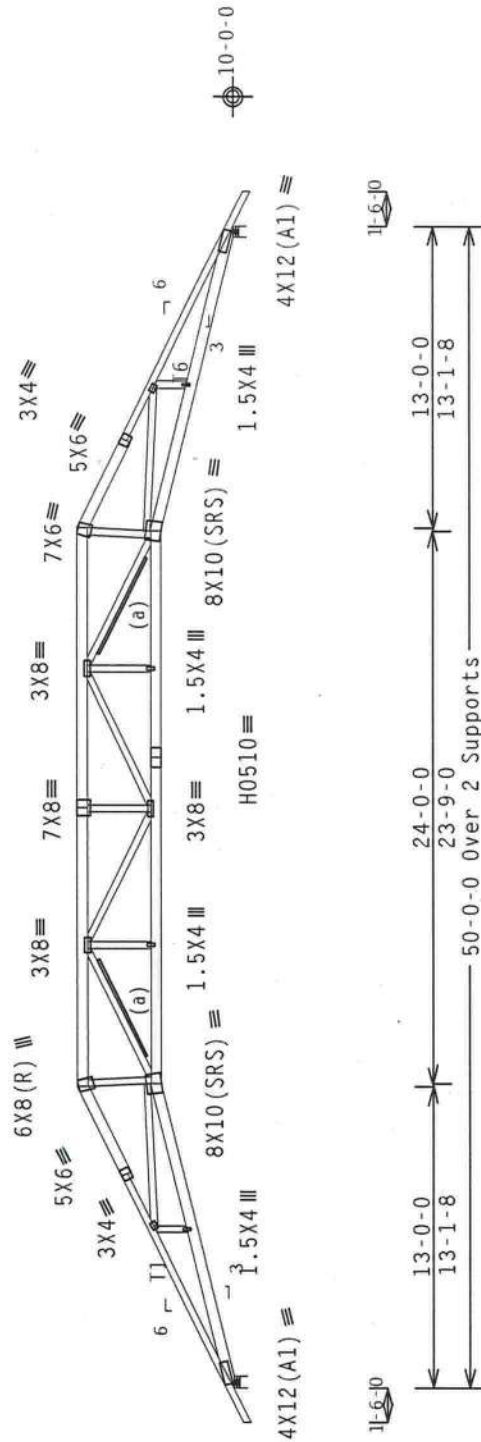
Wind loads and reactions based on MWFRS with additional C&C member design.

(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.

Calculated vertical deflection is 0.86" due to live load and 1.35" due to dead load at $X = 24-11-7$.

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



R=2166 U=0 W=6"
RL=128/-128

 $R=2166 \quad I=0 \quad W=6''$

PLT TYP. 20 Gauge HS. Wave

Design Crit: FBC2010Res/TPI-2007 (STD)

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

Scale = .125"/Ft.

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

TC LL	20.0 PSF
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REF R487 - - 52866

TC DI 10.0 PSE

DATE 03/12/12

10.0 1.0
10.0 0.0 DCE

DATE 05/12/12

DRM NUMBER 10070200

BC DL	10.0 F3F
1.1	0.0
1.2	0.0
1.3	0.0
1.4	0.0
1.5	0.0
1.6	0.0
1.7	0.0
1.8	0.0
1.9	0.0
2.0	0.0
2.1	0.0
2.2	0.0
2.3	0.0
2.4	0.0
2.5	0.0
2.6	0.0
2.7	0.0
2.8	0.0
2.9	0.0
3.0	0.0
3.1	0.0
3.2	0.0
3.3	0.0
3.4	0.0
3.5	0.0
3.6	0.0
3.7	0.0
3.8	0.0
3.9	0.0
4.0	0.0
4.1	0.0
4.2	0.0
4.3	0.0
4.4	0.0
4.5	0.0
4.6	0.0
4.7	0.0
4.8	0.0
4.9	0.0
5.0	0.0
5.1	0.0
5.2	0.0
5.3	0.0
5.4	0.0
5.5	0.0
5.6	0.0
5.7	0.0
5.8	0.0
5.9	0.0
6.0	0.0
6.1	0.0
6.2	0.0
6.3	0.0
6.4	0.0
6.5	0.0
6.6	0.0
6.7	0.0
6.8	0.0
6.9	0.0
7.0	0.0
7.1	0.0
7.2	0.0
7.3	0.0
7.4	0.0
7.5	0.0
7.6	0.0
7.7	0.0
7.8	0.0
7.9	0.0
8.0	0.0
8.1	0.0
8.2	0.0
8.3	0.0
8.4	0.0
8.5	0.0
8.6	0.0
8.7	0.0
8.8	0.0
8.9	0.0
9.0	0.0
9.1	0.0
9.2	0.0
9.3	0.0
9.4	0.0
9.5	0.0
9.6	0.0
9.7	0.0
9.8	0.0
9.9	0.0

DRW HCU5R48/ IZU72068

BC LL	0.0	PS4

HC-ENG JB/DF

TOT.LD. 40.0 PSF

SEQN- 1243 RE

DUR.FAC. 1.25

100

SPACING 24.0"

JREF- 1UKA487 Z01

1

Top chord 2x4 SP #1 : T1 2x4 SP M-30:
:T2, T5 2x6 SP #2:
Bot chord 2x6 SP SS :B4 2x6 SP M-26:
Webs 2x4 SP #3

Roof overhang supports 2.00 psf soffit load.

Calculated horizontal deflection is 0.48" due to live load and 0.76" due to dead load.

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

Calculated vertical deflection is 0.81" due to live load and 1.29" due to dead load at $X = 25-0-0$.

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

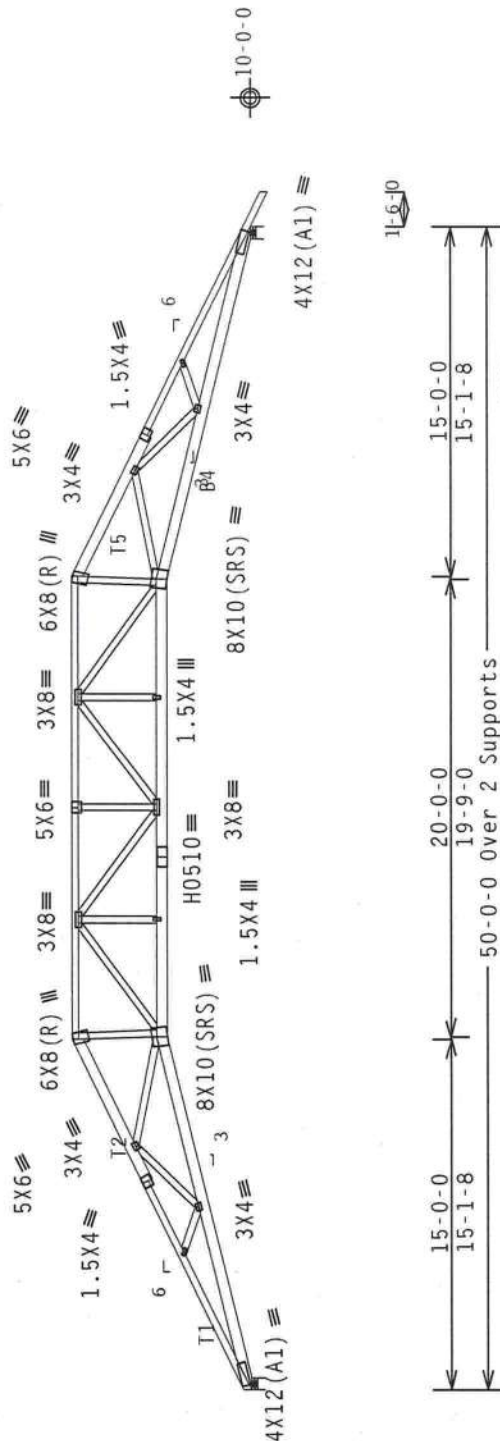
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 13.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. 60psi(+/-)=0.18

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

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

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

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



R=2067 U=0 W=6"
RL=136/-129

P.L.T. TYP. 20 Gauge HS.Wave

Design Crit: FBC2010Res/TPI-2007 (STD)

3CZOLUKES/ IPT-2007
FT/RT=10%(0%) / 0(0)

FL/-/4/-/-/R/-
Scale = .125"/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. Refer to the following information to ensure proper bracing of the latest edition of BCSI Building Component Safety Structure, by IPT and NICA for the design and construction of the trusses. The following information is for the design and construction of the trusses 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 83, 87 or B10, as applicable.

LTI Building Components Group Inc. (LTBCG) shall not be responsible for any deviation from this drawing. Any failure to build the truss in conformance with ANSI/PPI 1, or for handling, shipping, installation, or any other failure due to such factors as face type and position as shown above and on the Joint Detail Drawing, shall be the responsibility of the user. The user shall be responsible for all details, unless noted otherwise. Refer to Drawings 160A-2 for standard plate positions. A seal on the bottom flange of the top chord members is required. See the drawings for details. This job is for a roof truss. The design engineer is responsible for the design shown. The availability and use of this design for any structure is at the discretion of the user. LTBCG does not warrant the suitability of this design for any structure. General Inquiries: 800-975-1100; Fax: 800-975-1101; E-mail: sales@lbtci.com; Web: www.lbtci.com; PPI: www.ppi.net.org; NCA: www.abcnaiindustry.com; 1-800-368-3546.

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844
FL COA #0 278

03/12/2012

DUR.FAC. 1.25

SPACING 24.0"

JREF- 1UKA487 Z01

Top chord 2x4 SP M-30 : T5 2x4 SP #1:
Bot chord 2x6 SP SS : B5 2x6 SP M-26:
Webs 2x4 SP #3

Roof overhang supports 2.00 psf soffit load.

Calculated horizontal deflection is 0.48" due to live load and 0.76" due to dead load.

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

Calculated vertical deflection is 0.75" due to live load and 1.19" due to dead load at $X = 25.0-0$.

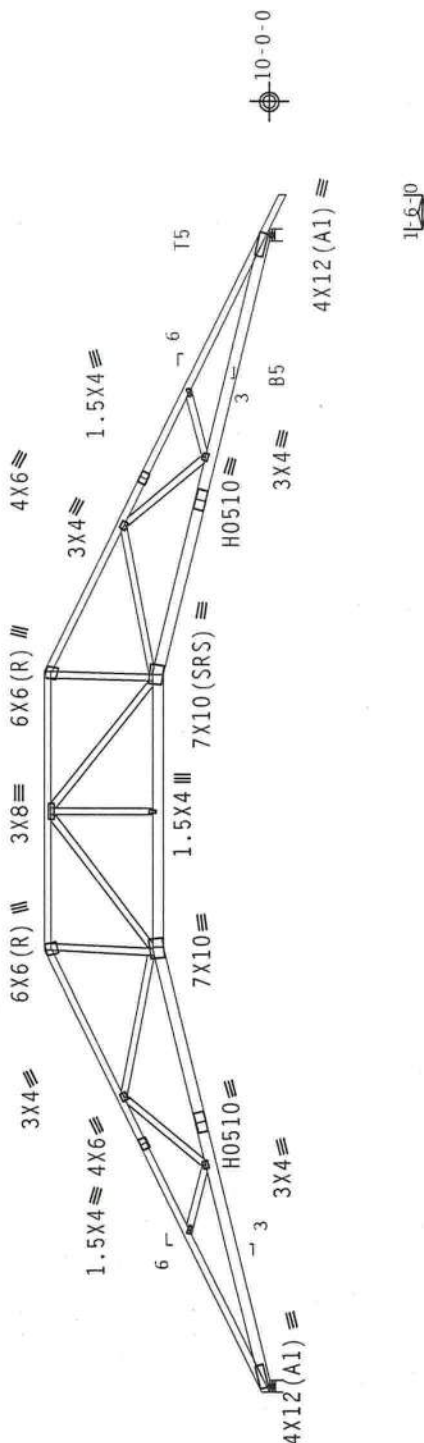
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpl (+/-)=0.18

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

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

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

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



R=2068 U=0 W=6"
RL=168/-161

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

PLT TYP. 20 Gauge HS. Wave

FL/-/4/-/-/R/-/
Scale = .125"/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. Please refer to the latest edition of BCSP Building Component Safety Information, by IP1 and HICA for safety practices prior to performing these functions. Installers shall provide temporary bracing and shoring to support the trusses until the roof is fully installed. Trusses shall be installed and shall have a properly attached roof ceiling. Locations shown for permanent lateral restraining web bracing shall have bracing installed per BCSP sections 83, 87 or B10, as applicable.

[illegible]

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

..... $R=2172$ $l=0$ $W=6''$

DOUGLAS FLEMING
LICENSE
003 11 0209 20
8-2172 U-0

The seal is circular with a double-lined border. Inside the border, the text "STATE OF FLORIDA" is written in a semi-circle at the top, and "PROFESSIONAL ENGINEER" is written in a semi-circle at the bottom. In the center, the number "No. 66848" is printed vertically. To the right of the number, the expiration date "12/2012" is printed. There are two five-pointed stars on the left side of the seal. A signature is written across the seal, overlapping the text and stars.

For more information see the responsibility of the building designer per ANSI/APT 1 Sec.2, general notes page; ITW-BCC: www.itwbcc.com; IPI: www.ipinst.org; NICA: www.sbclndustry.com; www.lccsafe.org

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=5.0 psf, wind BC DL=5.0 psf. GCpt (+/-)=0.18

Roof overhang supports 2.00 psf soffit load.

Calculated horizontal deflection is 0.48" due to live load and 0.76" due to dead load.

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

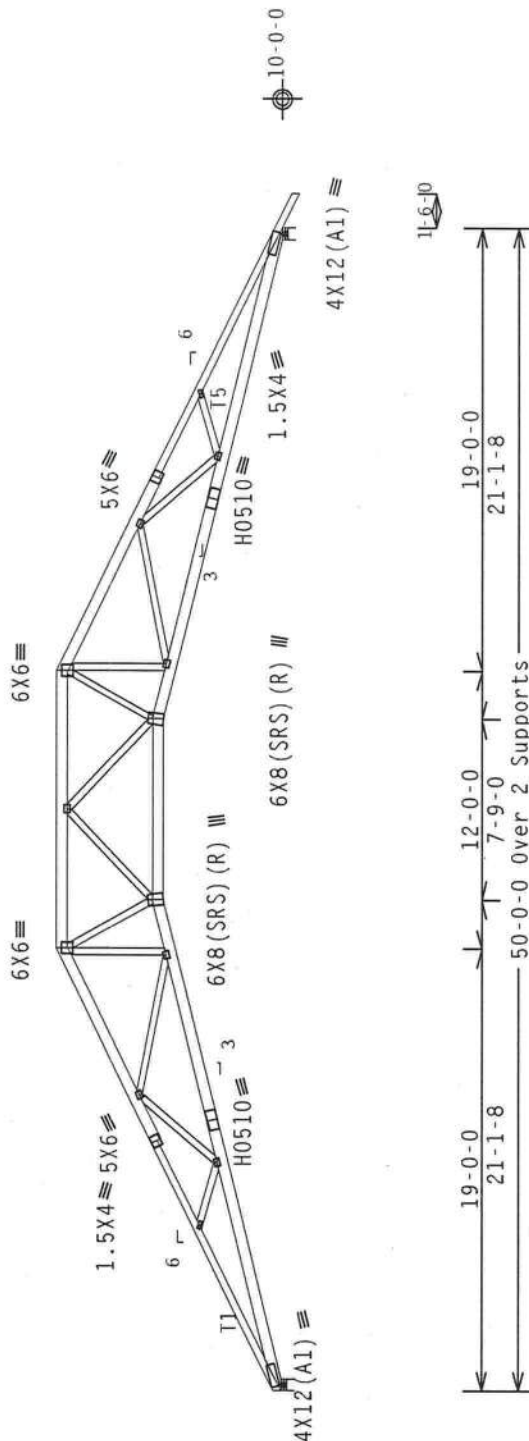
Calculated vertical deflection is 0.71" due to live load and 1.12" due to dead load at $X = 21$ -1-8.

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

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

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

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



R=2069 H=0 W=6"

RL=168/-161

Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2010Res/TPI-2007 (STD)

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

FL/-/4/-/-/R/-
Scale = .125"/Ft.

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

No. 66648	TC LL	20.0 PSF
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REF R487-- 52869

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Removal of the top chord and components attached to it, by TPI and H&A for example, is a very delicate operation. The trusses are to be installed in a manner that will not damage the trusses or the components attached to them. The trusses shall have a properly attached top chord sheathing and bottom chord sheathing. The trusses shall have a properly attached rafter ceiling. Locations shown for permanent lateral restraint shall have bracing installed per BCSS sections B3, B7 or B10, as applicable.

TC DL 10.0 PSF

practices prior to performing these functions. Installers shall provide temporary bracing per manufacturer's instructions. If temporary bracing is required, it shall be installed before the permanent lateral restraint is installed. If temporary bracing is used, it shall have a 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 BCSP sections B3, B7 or B10, as applicable.

RC DI 10 0 PSE

Chall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of Chall have bracing installed per BCSI sections 83, B7 or B10, as applicable.

STATE OF

[illegible]

BC LL 0.0 PST

bracing of trusses. Apply plates to each face of truss and position as shown above and on the details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal

TOT.LD. 40.0 PSF

drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the user.

DUR.FAC. 1.25

For more information see:
The responsibility of the Building Designer per ANSI/TPI 1 Sec.2.
General notes page: ITU-BCG: www.itubcg.com; TPI: www.tpinet.org; NICA: www.sbcindustry.com;
ICC: www.iccsafe.org

SPACING 24.0"

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Top chord 2x6 SP #2 : T1 2x4 SP M-30:
: T3 2x8 SP #1 Dense: : T5 2x4 SP #1:
Bot chord 2x6 SP SS : B5 2x6 SP M-26:
Webs 2x4 SP #3

Roof overhang supports 2.00 psf soffit load.

Calculated horizontal deflection is 0.48" due to live load and 0.77" due to dead load.

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

Calculated vertical deflection is 0.72" due to live load and 1.15" due to dead load at X = 23'-1-8".

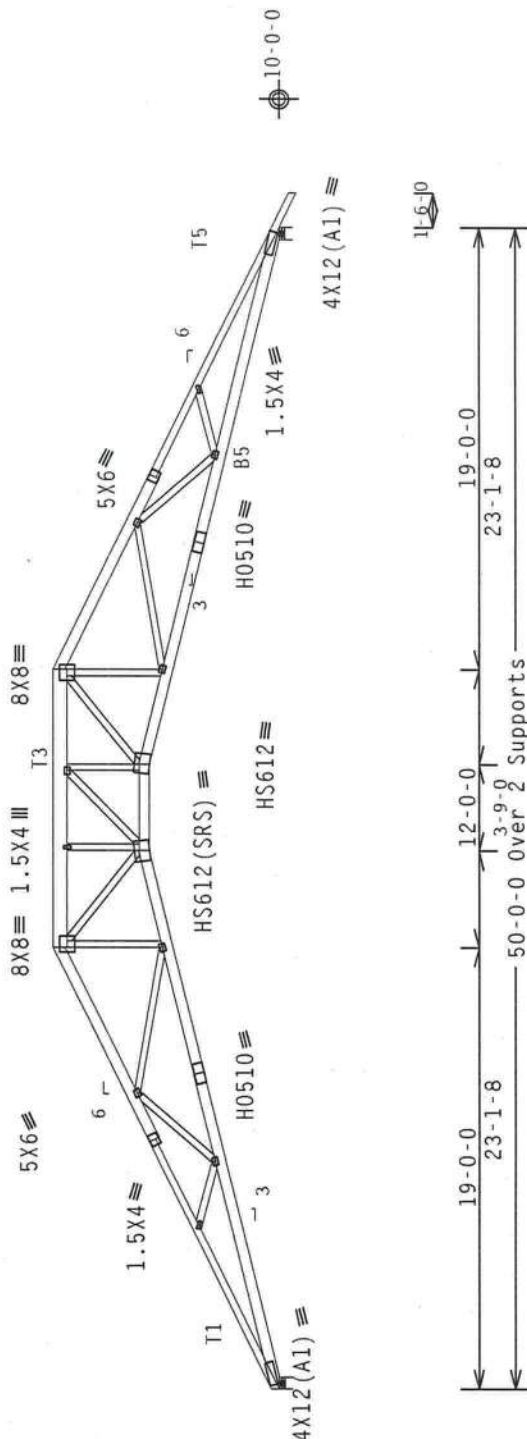
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf. GCp1 (+/-) = -0.18

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

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

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

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



R=2071 U=0 W=6"
RL=168/-161

Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2010Res/TPI-2007 (STD)

PLT TYP. 20 Gauge HS, Wave

FL/-/4/-/-/R/-/
Scale = .125"/Ft.

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

REF	R487--	52870
DATE	03/12/12	
DRW	HCUSR487	12072069
HC-ENG	JB/DF	
SEQN-	1245	REV
JUREF-	1UKA487	Z01

No. 66648
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
05/12/2012

****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. Refer to and obtain the latest edition of BECI (Building Components) information, by ITW Building Components, Inc., for complete details. Trusses shall be braced in accordance with the BECI information, unless noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations for permanent lateral restraint web bracing shall have bracing installed per BECI sections 83, 87 or 810, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or for any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing, fabricating or bracing of trusses. Apply plates to each face of truss and position as shown above and on the bottom chord details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on the bottom chord or cover plate listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the building designer per ANSI/TPI 1 sec.2. For more information see: This Job's general notes page: itw-bcg.com; www.itwbcg.com; www.pristi.org; www.sbcindusl.com;



ALPINE
Building Components Group Inc.
 Haines City, FL 33844
 Tel. 800 368 3729

(12-051--Fill in later WESTSIDE COMMUNITY CENTER -- ** - AV)

Top chord 2x6 SP M-26 :T1 2x4 SP M-30: :T5 2x4 SP #1:
Bot chord 2x6 SP M-26
Webs 2x4 SP #3

Roof overhang supports 2.00 psf soffit load.

Calculated horizontal deflection of 1.25" exceeds TPI limit of 1.25" due to total load. Building designer must determine that this movement is acceptable.

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

Calculated vertical deflection is 0.74" due to live load and 1.18" due to dead load at X = 25-0-0.

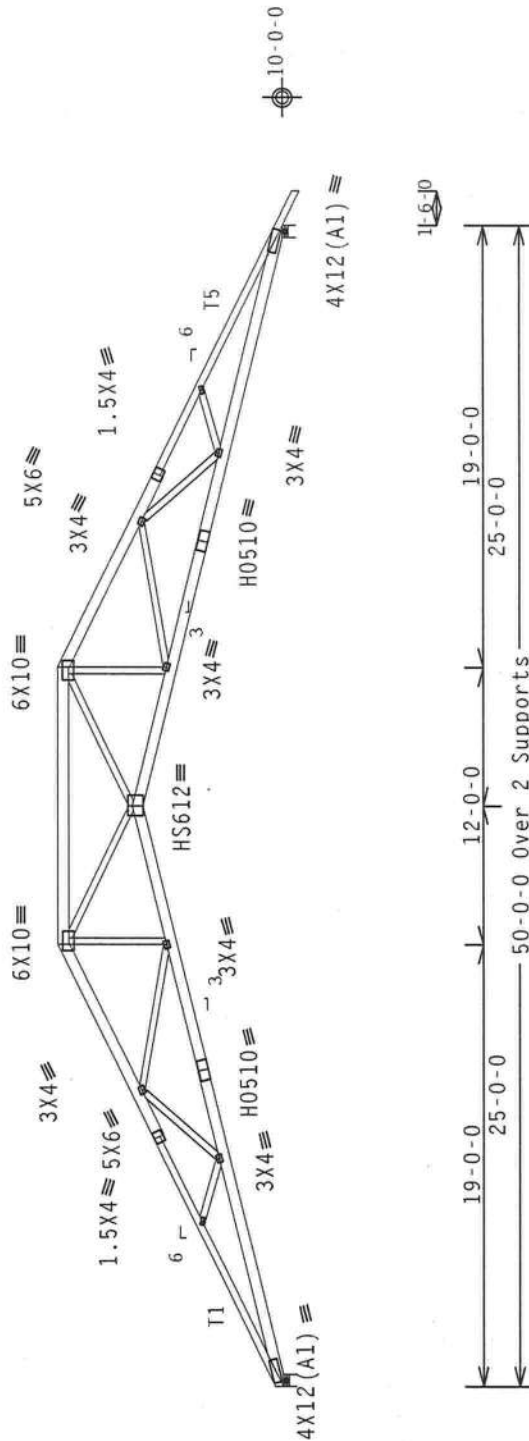
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpl(+/-)=0.18

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

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

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

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



R-2073 U=0 W=6"
RL=168/-161

PLT TYP. 20 Gauge HS, Wave
Design Crit: FBC2010Res/TPI-2007 (STD)
FT/RT=10%(0%)/0(0)

Scale = .125"/Ft.

TC LL	20.0 PSF	REF	R487-- 52871
TC DL	10.0 PSF	DATE	03/12/12
BC DL	10.0 PSF	DRW	HCUSR487 12072010
BC LL	0.0 PSF	HC-ENG	JB/DF
TOT.LD.	40.0 PSF	SEQN-	276083
DUR.FAC.	.1.25		
SPACING	24.0"	JREF-	1UKA487_Z01

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET.
****IMPORTANT**** FURNISH THIS SET TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the manufacturer's instructions for proper handling and bracing practices prior to performing these functions. Installers shall provide temporary bracing per the manufacturer's instructions. 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 BCS sections B3, B7 or B10, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this drawing or for 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 joint. Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on the drawing or cover page listing this drawing, indicates acceptance of professional engineering services by the responsible engineer of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This job's general notes page: ITN-BGG: www.itwbcg.com; TPI: www.tpinet.org; NICA: www.socindustry.com; ICC: www.iccsafe.org



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

Top chord 2x4 SP M-30 ; T3, T5 2x6 SP M-26:

: T4 2x8 SP #1 Dense:

Bot chord 2x6 SP M-26

Webs 2x4 SP #3

Calculated horizontal deflection is 0.47" due to live load and 0.76" due to dead load.

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.

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

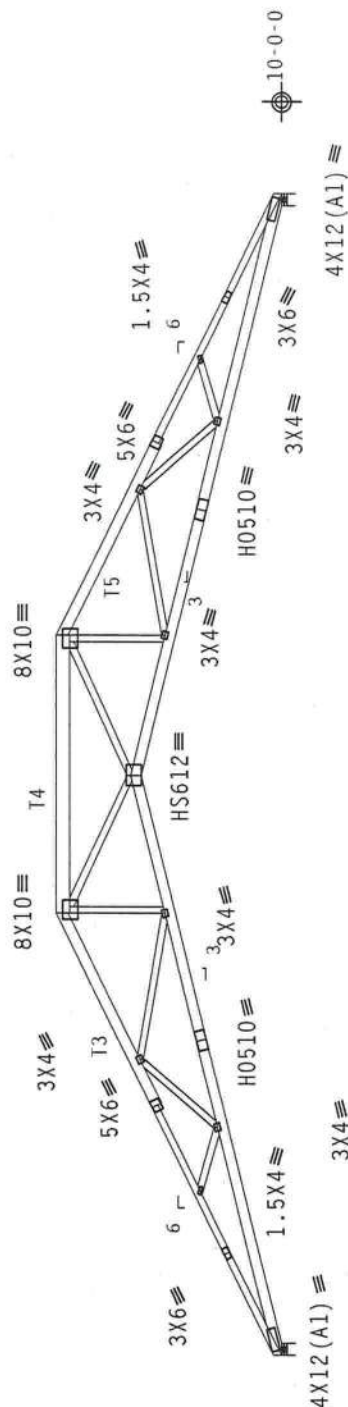


Diagram of a continuous beam with three supports. The beam is divided into four segments with lengths: 19'-0", 25'-0", 12'-0", and 19'-0". The total length is 75'-0". The beam is labeled "50'-0" Over 2 Supports".

R-2074 U=0 W=6"

RL=153/-153

PLT TYP. 20 Gauge HS, Wave

Design Crit: FBC2010Res/TPI-2007(STD)

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

Scale = .125"/Ft.

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

*** * * IMPORTANT * ***

IMPORTANT: FURNISH THIS DESIGN TO ALL COMPANIES INCLUDING INSTALLERS.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the following for the latest edition of BECI (Building Component Safety Information), by IPI and BICA for safety practices prior to performing these functions. Installers shall provide temporary bracing per BECI 8.1.1.1. Trusses shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint are indicated by "X" and shall have bracing installed per BECI sections 8.3, 8.7 or 8.10, as applicable.

LTM Building Components Group Inc. (LTMBC) shall not be responsible for any deviation from the manufacturer's instructions or specifications for the use of its products, including, without limitation, any failure to build the truss in conformance with ANSI/APA-1, or for handling, shipping, installing, or placing of trusses. Apply plates to each face of truss and position as shown above and on the Jointing Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. A seal on the bottom flange of the top chord may be required for certain applications. See the LTMBC website for more information and cover page listing this drawing. Indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the building designer per ANSI/APA-1 Sec.2. For more information see: This Job Specification. LTM-BG-001; www.ltmcorp.com; APA; www.apa-truss.org; UFGC; www.ufgcindustry.org; UFGC; www.ufgcusa.org

ALPINE

NTW Building Components Group Inc.

Haines City, FL 33844

FL COA #0 278



(12-051--Fill in later WESTSIDE COMMUNITY CENTER -- ** - AV2)

Top chord 2x6 SP M-26 :T1 2x4 SP M-30: :T5 2x4 SP #1:
Bot chord 2x6 SP M-26
Webs 2x4 SP #3

Roof overhang supports 2.00 psf soffit load.

Calculated horizontal deflection of 1.25" exceeds TPI limit of 1.25" due to total load. Building designer must determine that this movement is acceptable.

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

Calculated vertical deflection is 0.74" due to live load and 1.18" due to dead load at X = 25-0-0.

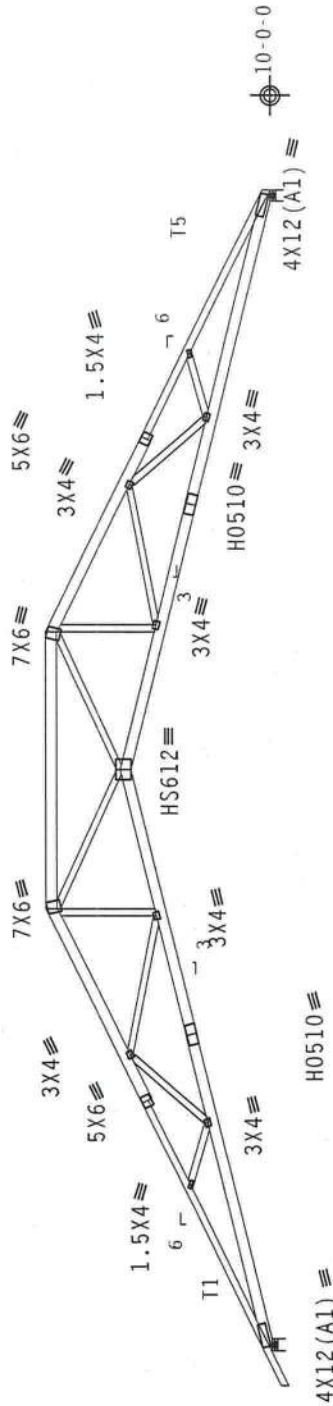
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, GCPI(+/-)=0.18

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

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

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

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



1/8"=1'-0"

19-0-0 25-0-0 50-0-0 Over 2 Supports 12-0-0 19-0-0 25-0-0

R-2176 U=0 W=6"
RL=161/-168

PLT TYP. 20 Gauge HS, Wave
Design Crit: FBC2010Res/TPI-2007 (STD)
FT/RT=10%(0%)/0(0)

Scale = .125"/Ft.

FL/-4/-/-R/-

TC LL 20.0 PSF

TC DL 10.0 PSF

BC DL 10.0 PSF

BC LL 0.0 PSF

TOT.L.D. 40.0 PSF

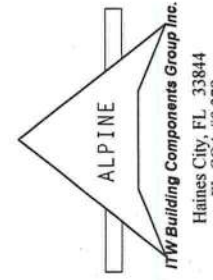
DUR.FAC. 1.25

SPACING 24.0"

REF R487-- 52873	DATE 03/12/12	DRW HCUSR487 12072012	HC-ENG JB/DF	SEQN- 276101	JREF- 1UKA487_Z01
TC LL 20.0 PSF	TC DL 10.0 PSF	BC DL 10.0 PSF	BC LL 0.0 PSF	TOT.L.D. 40.0 PSF	DUR.FAC. 1.25
SPACING 24.0"					



IMPORTANT: READ AND FOLLOW ALL NOTES ON THIS SHEET.
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI Building Component Safety Information, by TPI and NICA for best 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 web shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
TPI Building Components Group Inc. (TIBC-G) 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, unless noted otherwise. Refer to drawings BCSM-2 for standard plate positions. A seal on drawing BCSM-2 page 10 is required for the truss to be used in the field. The seal is the responsibility of the Building Designer per ANSI/TPI 1 Sec. 2. For more information see: This job's general notes page: TIB-BG; www.tibbg.com; TPI: www.tpinet.org; NICA: www.sbcindustry.com; ICC: www.iccsafe.org



(12-051--Fill in later WESTSIDE COMMUNITY CENTER -- , ** - HV17A)

Top chord 2x4 SP M-30 :T2, T4 2x6 SP #2:
Bot chord 2x6 SP SS
Webs 2x4 SP #3

Roof overhang supports 2.00 psf soffit load.

Calculated horizontal deflection is 0.47" due to live load and 0.75" due to dead load.

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

Calculated vertical deflection is 0.74" due to live load and 1.17" due to dead load at X = 22'-2".

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

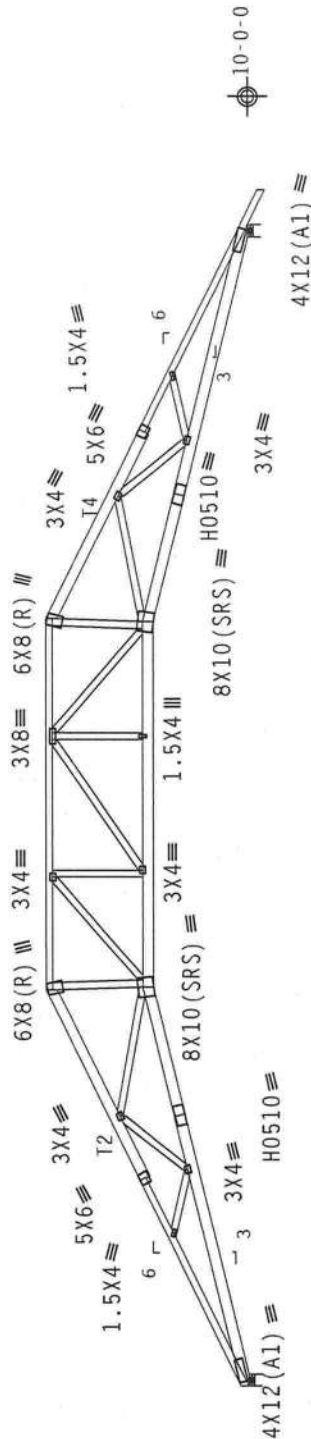
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 13.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCPI(+/-)=0.18

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

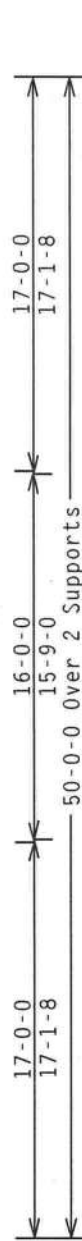
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

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



11-6-10



R-2068 U=0 W=6"
RL=152/-145

PLT TYP. 20 Gauge HS.Wave
Design Crit: FBC2010Res/TPI-2007 (STD)
FT/RT=10%(0%)/0(0)

Scale = .125"/Ft.

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

10.03.11.0203.20

10.03.11.0203.20

10.03.11.0203.20

10.03.11.0203.20

REF R487-- 52874	TC LL 20.0 PSF	FL/-/4/-/-/R/-	Scale = .125"/Ft.
DATE 03/12/12	TC DL 10.0 PSF		
DRW HCUSR487 12072013	BC DL 10.0 PSF		
HC-ENG JB/DF	BC LL 0.0 PSF		
SEQN- 275946	TOT.LD. 40.0 PSF		
	DUR.FAC. 1.25		
JREF- 1UKA487_Z01	SPACING 24.0"		



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Haines City, FL 33844
FL COA #0 278

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

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-5.0 psf, wind BC DL-5.0 psf. GCpt (+/-)=0.18

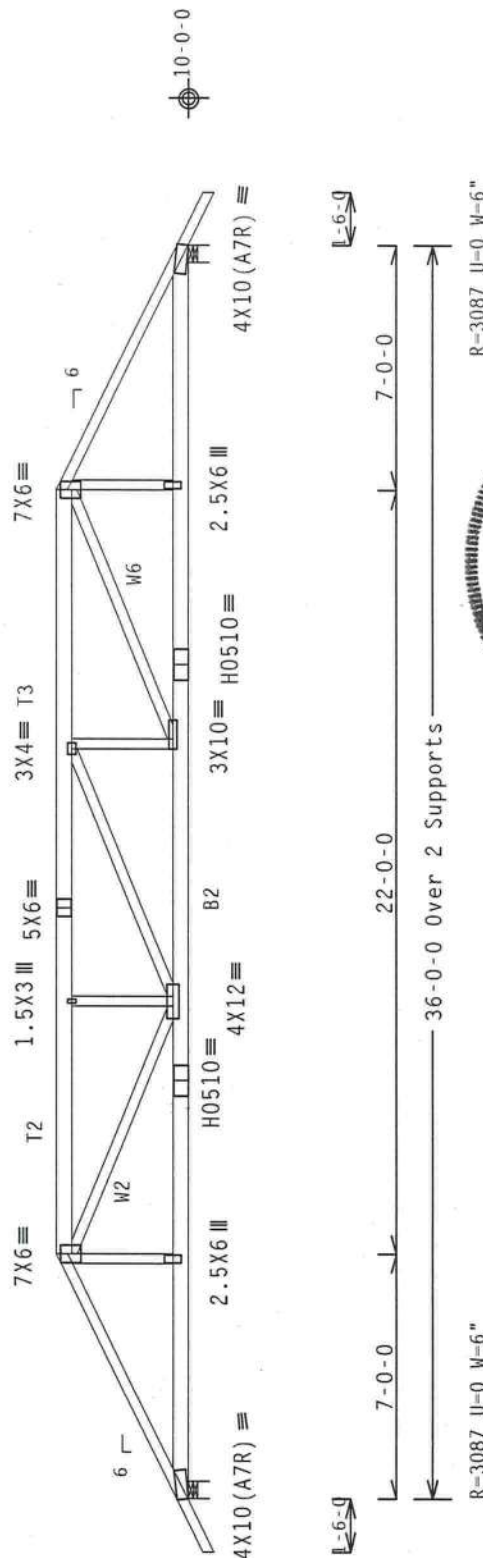
Roof overhang supports 2.00 psf soffit load.

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

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

#1 hip supports 7-0-0 jacks with no webs.

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



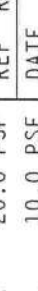
R=3087 U=0 W=6"

R-3087 U-0 W-6"

PLT TYP. 20 Gauge HS.Wave

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

Scale = .1875"/Ft.



ALPINE

nTW Building Components Group Inc.
Hanes City, FL 33844
FL COA #0 278

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

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to following details and notes for details of BCS1 (built-up chord), BCS2 (bracing), and BCS3 (bracing). Safe practices prior to performing these functions. Installers shall provide temporary bracing per 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 of webs shall have bracing installed per BCS1 sections B3, B7 or B10, as applicable.

nTW Building Components Group Inc. (nTWBCG) shall not be responsible for any deviation from the design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the job. Details, unless noted otherwise. Refer to drawings 1600-2 for standard plate positions. A seal on drawing or cover page listing this drawing, indicates acceptance of professional engineering and responsibility of the Building Division per ANSI/TPI 1 Sec. 2. For more information see: This Job's general notes page; T1H-BCG: www.t1hbcg.com; TPI: www.tpinet.org; VITA: www.vitaindustry.com; ICC: www.icc-are.org

1120 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=5.0 psf, wind BC DL=5.0 psf. GCp1 (+/-)=0.18

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

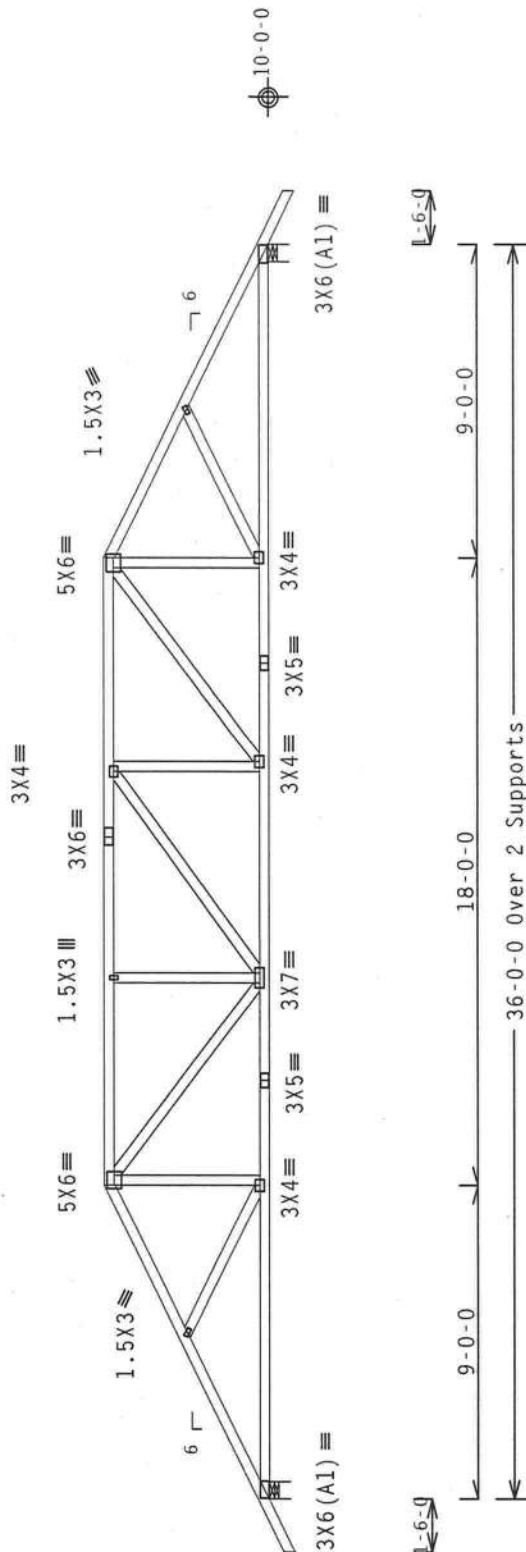
Bottom chord checked for 10.00 psf non-concurrent live load.

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

Top chord 2x4 SP M-30
Bot chord 2x4 SP M-30
Webs 2x4 SP #3

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

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



R=1583 U=4 W=6"
RL=91/-91

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

Scale = .1875"/Ft.

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

10.0d.11/0209.20 QTY:

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

Design Crit: F

PLT TYP. Wave

TC LL	20.0	PSF	REF	R487--	52876
TC DL	10.0	PSF	DATE	03/12/12	
BC DL	10.0	PSF	DRW	HCUSR487	12072014
BC LL	0.0	PSF	HC-ENG	JB/DF	
TOT.LD.	40.0	PSF	SEQN-	275589	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	1UKA487_Z01	

No. 66648
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
03/12/2012

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. Refer to the latest edition of BCSI Building Component Safety Information, by IPTI and NITCA, for complete details. Trusses are designed to be installed in a vertical position. Trusses are to be braced and braced only as 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 sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design, any failure to build the truss in conformance with ANSI/PPI 1, or for handling, shipping, installation or 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-2 for standard plate positions. A seal on the drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/PPI 1, Sec.2. The user must acknowledge that this job's responsibility is not ITWBCG. See www.itwbcg.com; IPTI: www.ipti.org; NITCA: www.nitca-industry.com; BCSI: www.bcsi.org.



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 Gaines City, FL 33844
 EL COA #0 278

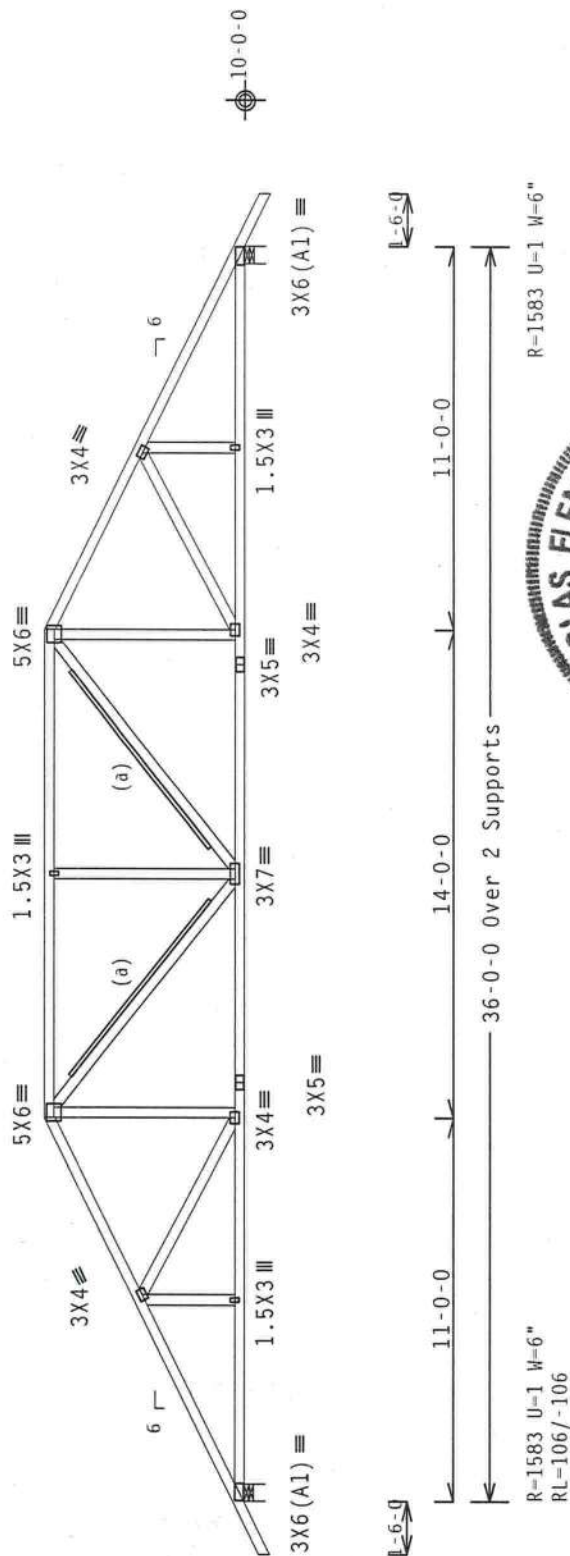
1120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCp1 (+/-)=-0.18

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

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

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

WFRS 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)

Scale = .1875"/Ft.

TC LL	20.0	PSF	REF R487 --	52877
TC DL	10.0	PSF	DATE	03/12/12
BC DL	10.0	PSF	DRW	HCUSR487 12072015
BC LL	0.0	PSF	HC-ENG	JB/DF
TOT.LD.	40.0	PSF	SEQN-	275594
DUR.FAC.	1.25			
SPACING	24.0"		JREF-	1UKA487 Z01

No. 66848
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
12/2012

****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. Plans are provided showing connections, components and details. Trussing practices prior to performing these functions must be followed. The installer shall provide temporary bracing per drawings. If the trusses are not installed as shown, the manufacturer assumes no responsibility. It is noted otherwise, top chord shall have properly attached sheathing and bottom chord shall have a properly attached rigid ceiling. Connections shown for permanent lateral restraint of walls shall have bracing installed per BCIS sections B3, E7 or B10, as applicable.

TW Building Components Group Inc. (TWBCG) shall not be responsible for any deviation from the design shown. TWBCG will not accept liability for any failure due to improper installation or manufacturing of trusses. Apply plates to each face of truss and position as shown above and on the back of this drawing. Refer to drawings 1609-1 for standard plate positions. A seal of the manufacturer or cover page listing this drawing, indicates acceptance of professional engineering responsibility by the building designer. The building designer shall assume full responsibility for the general notes page: TW-BCG; www.twbcg.com; IPI: www.ipiinst.org; WCA: www.sbcindustry.com; www.tccsa.org.



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

Top	chord	2x4	SP	M-30
Bot	chord	2x4	SP	M-30
	Webs	2x4	SP	#3

Roof overhang supports 2.00 psf soffit load.

(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.

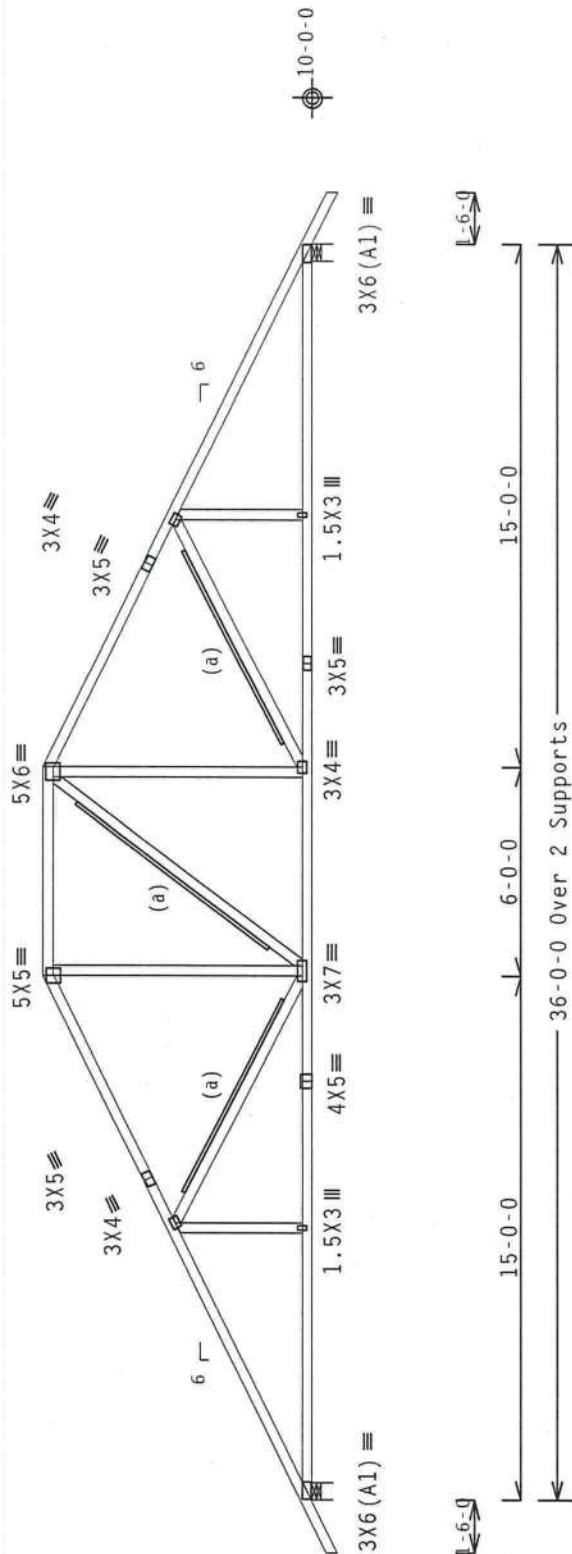
MMFRS loads based on trusses located at least 15.00 ft. from roof edge.

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

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

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

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



R=1583 U=0 W=6"
RL=137/-137

36-0-0 Over 2 Supports

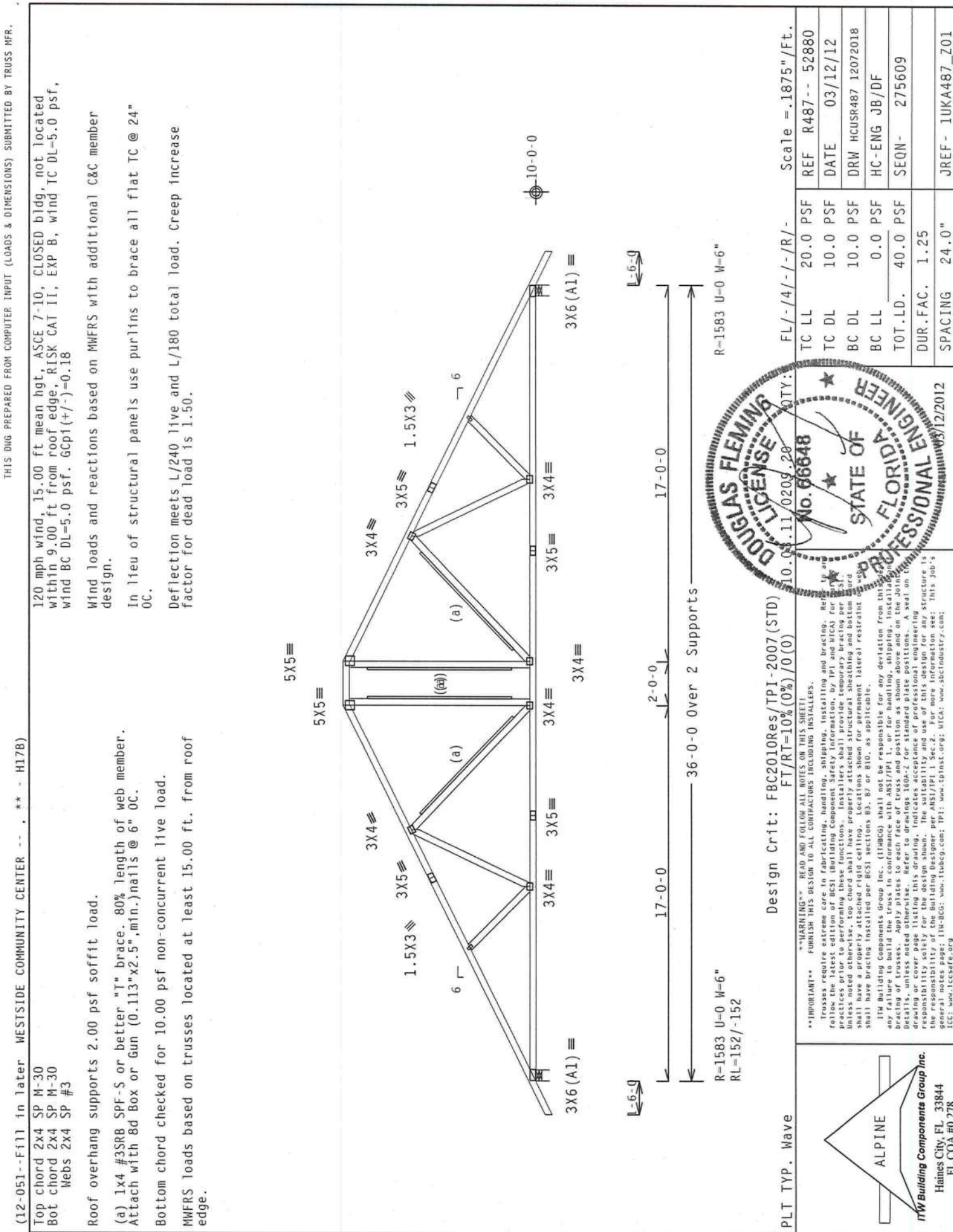
$\rho = 1583 \text{ kg/m}^3$ $l = 0.04 \text{ m}$ $W = 6 \text{ mm}$

PLT TYP. Wave

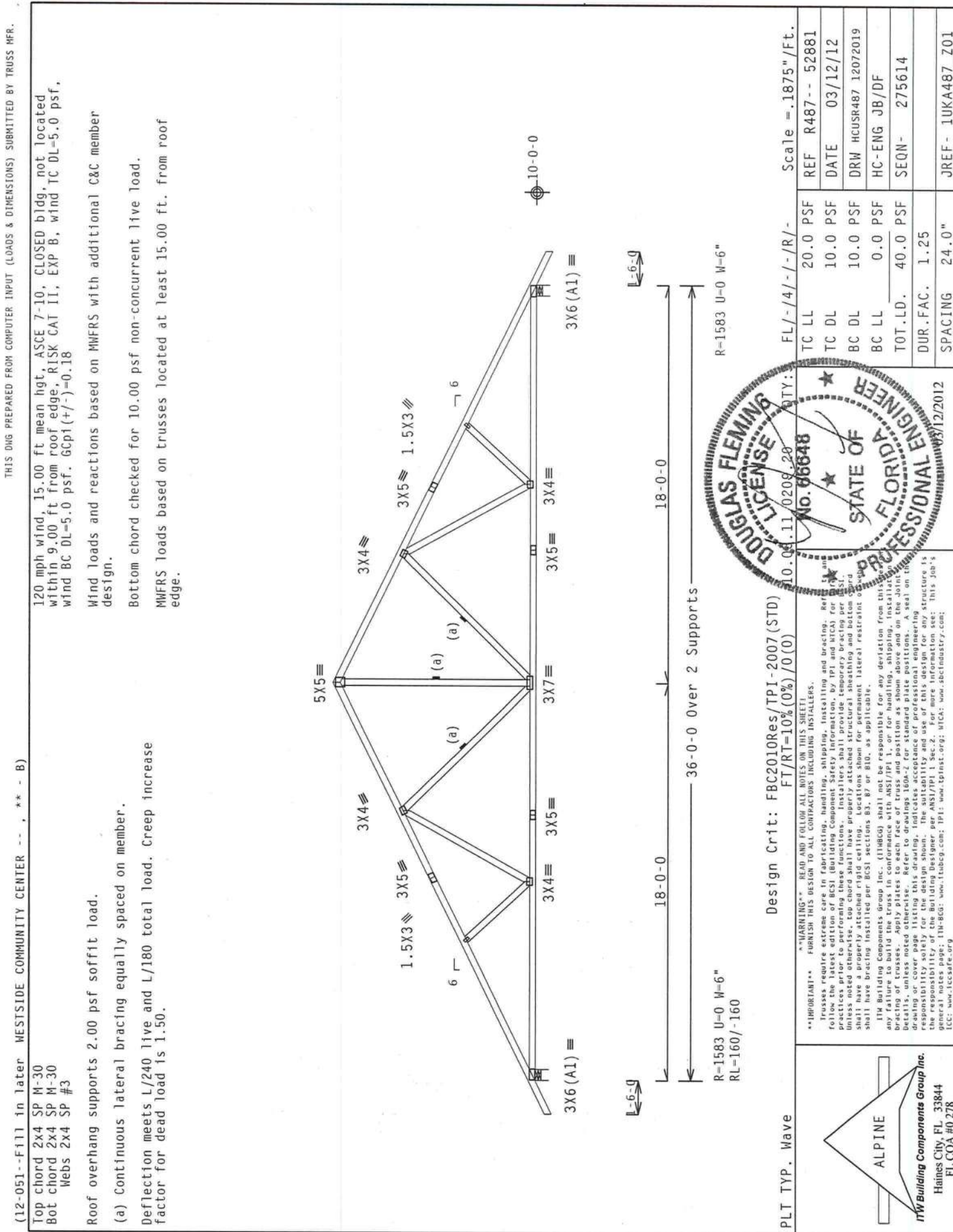
Design Crit: FBC2010Res/TPI-2007(STD)
FT/RT=10%(0%)/0(0)

Scale = .1875"/Ft.

[illegible]



PLT TYP. Wave	ALPINE iTW Building Components Group Inc. Haines City, FL 33844 FL COA #0 278	Design Crit: FBC2010Res/TPI-2007 (STD) FT/RT=10%(0%)/0(0)	10.03.11 0209.20 No. 66848 STATE OF FLORIDA PROFESSIONAL ENGINEER DOUGLAS FLEMING LICENSE 12/2012	FL/-/4/-/-/R/- Scale = .1875"/Ft.	REF R487 -- 52880 DATE 03/12/12 DRW HCUR487 12072018 HC-ENG JB/DF SEQN- 275609 DUR.FAC. 1.25 SPACING 24.0"	JREF- 1UKA487_Z01
PLT TYP. Wave	ALPINE iTW Building Components Group Inc. Haines City, FL 33844 FL COA #0 278	Design Crit: FBC2010Res/TPI-2007 (STD) FT/RT=10%(0%)/0(0)	10.03.11 0209.20 No. 66848 STATE OF FLORIDA PROFESSIONAL ENGINEER DOUGLAS FLEMING LICENSE 12/2012	FL/-/4/-/-/R/- Scale = .1875"/Ft.	REF R487 -- 52880 DATE 03/12/12 DRW HCUR487 12072018 HC-ENG JB/DF SEQN- 275609 DUR.FAC. 1.25 SPACING 24.0"	JREF- 1UKA487_Z01



(12-051--Fill in later WESTSIDE COMMUNITY CENTER -- , ** - C)

Top chord 2x4 SP M-30
Bot chord 2x4 SP M-30
Webs 2x4 SP #3

120 mph wind, 15.68 ft mean hgt, ASCE 7-10, PART-ENC. bldg, located anywhere in roof, RISK CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpf(+/-)=0.55

Left and right cantilevers are exposed to wind

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

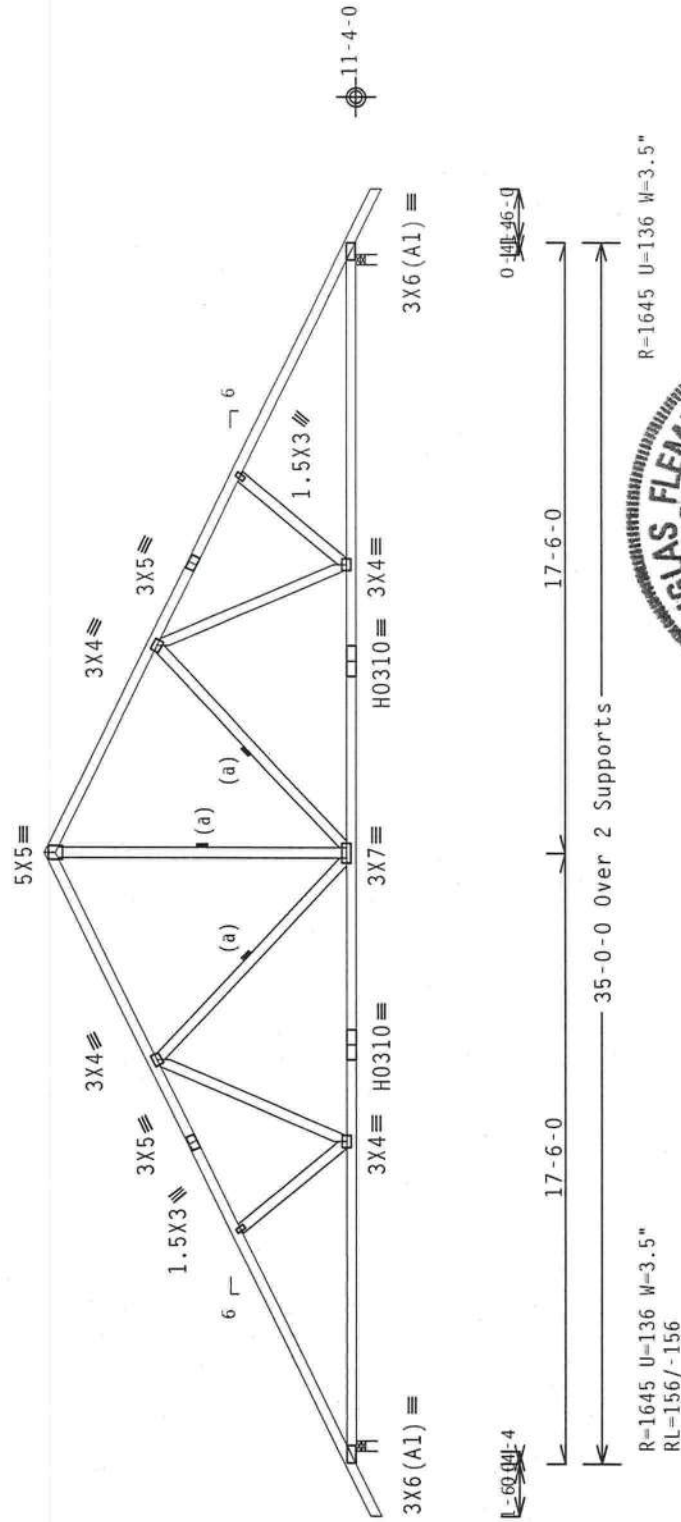
Roof overhang supports 2.00 psf soffit load.

(a) Continuous lateral bracing equally spaced on member.

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

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.



PLT TYP. 20 Gauge HS, Wave

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

Scale = .1875"/Ft.

TC LL	20.0 PSF
TC DL	10.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	40.0 PSF
DUR.FAC.	1.25
SPACING	24.0"

REF	R487 -- 52882
DATE	03/12/12
DRW	HCSR487 12072020
HC-ENG	JB/DF
SEQN	275684
JREF	1UKA487_Z01

ALPINE

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

DOUGLAS FLEMING
LICENSE
No. 66648
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
03/12/2012

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. Refer to and follow the erection instructions of the Building Components Group Inc. (ITWBCG) for proper bracing and installation. The installer shall provide temporary bracing per the instructions of the Building Components Group Inc. (ITWBCG) for proper bracing and installation. The installer shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint shall have bracing installed per BCS sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on drawing or cover page listing this drawing. Indicates acceptance of professional engineering structure by the responsible engineer of the Building Components Group Inc. (ITWBCG) for professional engineering structure. For general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; NCA: www.sbcindustry.com; ICC: www.iccsafe.org

Top chord 2x4 SP M-30
Bot chord 2x4 SP M-30
Webs 2x4 SP #3

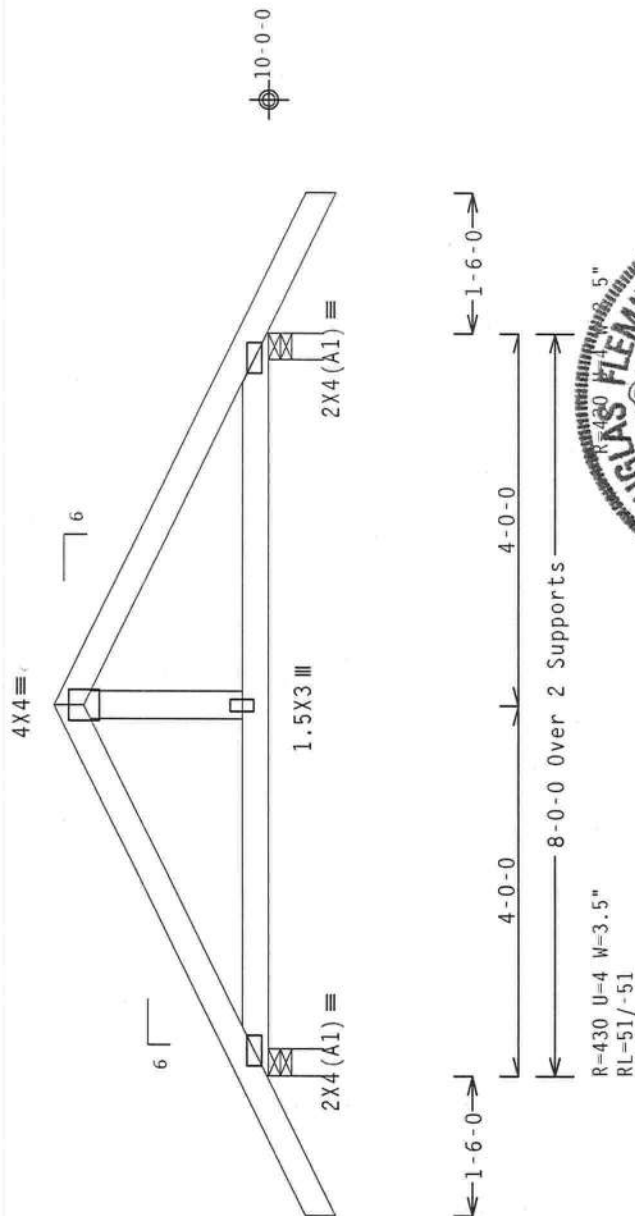
Roof overhang supports 2.00 psf soffit load.

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

1120 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=5.0 psf, wind BC DL=5.0 psf. GCpt (+/-)=-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=430 U=4 W=3.5"
RL=51/-51

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.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI's Building Component Safety Information, by TPI and Hilti, for the following installation details. Trusses shall have properly attached structural sheathing and bottom chord bracing. Trusses shall have a properly attached roof ceiling. Locations shown for permanent lateral restraint shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

[illegible]

TC LL 20.0 PSF

TC DI 10 0 PSE

	10	Df	10	0	dF
	10	C	10	0	dC

70 10.0 PSF

BC LL 0.0 PSF

TOT.LD. 40.0 PSF

OUR.FAC. 1.25

SPACING 24.0"

REF R487-- 52884

DATE 03/12/12

31/31/20	31/31/20
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DKW HCUR48/ 12072021

HC-ENG JB/DF

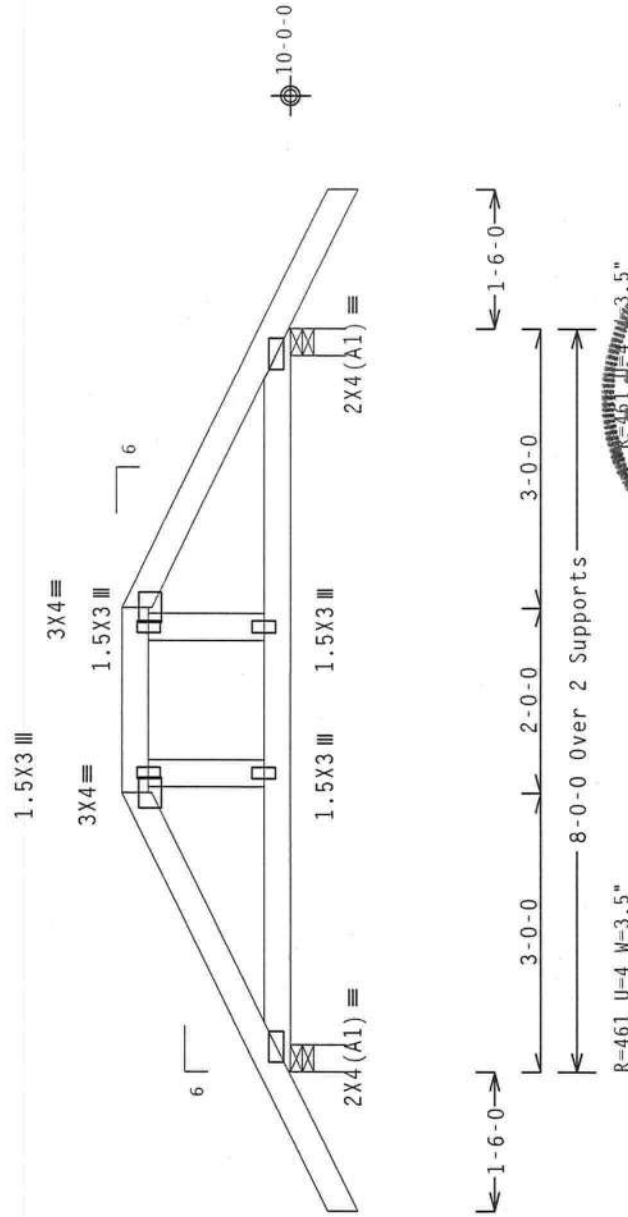
SEQN- 275658

JREF- 1UKA487 Z01

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT 11, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpf (+/-) = 0.18

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

#1 hip supports 3-0-0 jacks with no webs.



3 50

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

Scale = .5"/Ft.

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

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. Refer to the latest edition of BCS1 (Building Component Safety Information, by TPI and NITCA) for detailed practices prior to performing these functions. Installers shall provide temporary bracing per BCS1. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have bracing installed per BCS1. Sections 83, 87 or B10, as applicable.
The Building Components Group Inc. (BCGI) shall not be responsible for any deviation from the design. In the event of any failure to build the truss in conformance with ANSI/TPI 1-1 for handling, shipping, installing and bracing of trusses. Apply plates to each face of truss and position as shown above and on the following details, unless noted otherwise. Refer to Drawings 100A-2 for standard plate positions. A seal on the drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility of the Building Designer per ANSI/TPI 1 Sec.2, for the design of the truss. This job's general notes page: 11N-BG02; www.bcg9.com; TPI: www.tpi.net; NITCA: www.abcfund.com;

REF R487-- 52885

DATE 03/12/12

NRW HCUSR487 12072061

HC - ENG JB / DE

Year	1992	1993	1994
1992	1993	1994	1995

201	CC7T	ND7C
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PLT TYP. Wave

ALPINE

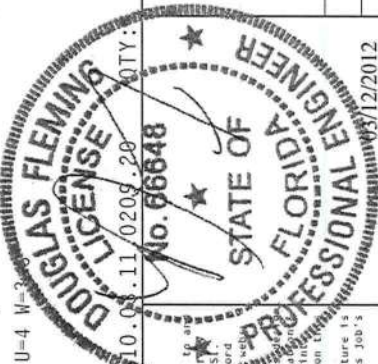
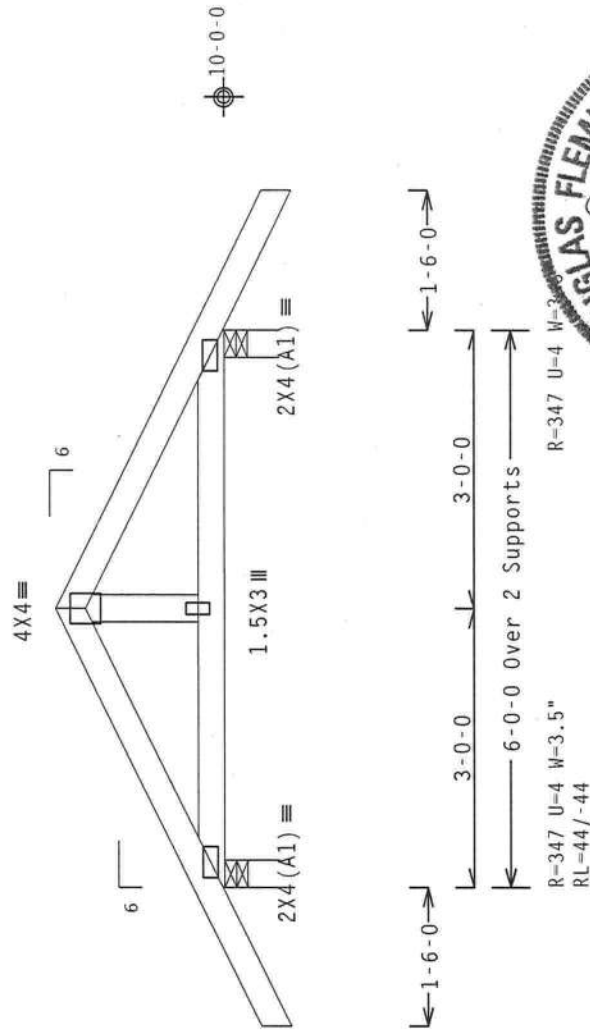
ITW Building Components Group Inc.

Haines City, FL 33844

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=5.0 psf, wind BC DL=5.0 psf. GCpf (+/-)=0.18

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

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

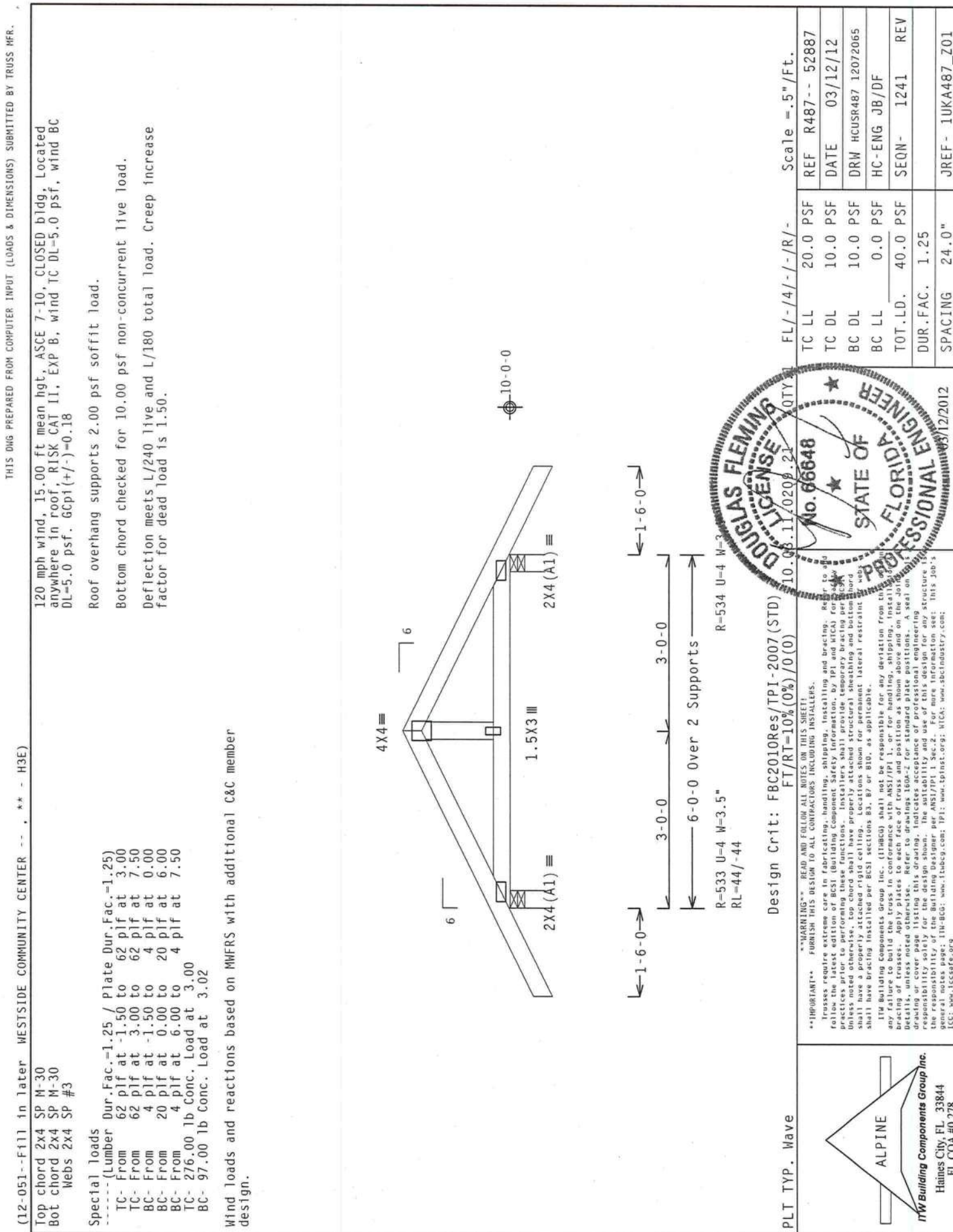


PLT TYP. Wave

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

FL/-/4/-/-/R/-/
Scale = .5"/Ft.

TC LL	20.0	PSF	REF R487-- 52886
TC DL	10.0	PSF	DATE 03/12/12
BC DL	10.0	PSF	DRW HCUSR487 12072022
BC LL	0.0	PSF	HC-ENG JB/DF
TOT.LD.	40.0	PSF	SEQN- 275664
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1UKA487_Z01

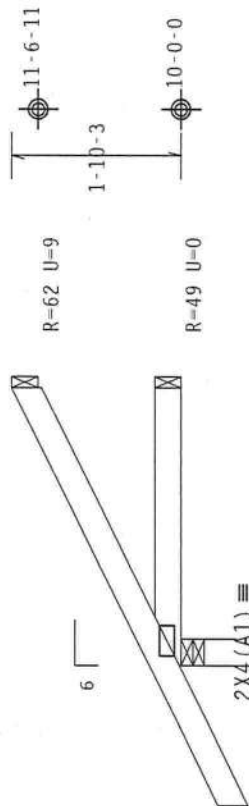


PLT TYP. Wave	Design Crit: FBC2010Res/TPI-2007 (STD) FT/RT=10%(0%)/0(0)	Scale = .5" / Ft.
ALPINE ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0 278	TC LL 20.0 PSF	REF R487-- 52887
	TC DL 10.0 PSF	DATE 03/12/12
	BC DL 10.0 PSF	DRW HCUSR487 12072065
	BC LL 0.0 PSF	HC-ENG JB/DF
	TOT.LD. 40.0 PSF	SEQN- 1241 REV
	DUR.FAC. 1.25	
	SPACING 24.0"	JREF- 1UKA487_Z01

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=5.0 psf, wind BC DL=5.0 psf. GCpf(+/-)=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.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.



$\overleftrightarrow{1-6-0}$
 $\overleftrightarrow{3-0-0 \text{ Over } 3 \text{ Supports}}$

R-262 U-2 W-3.5"
RL=37Design Crit: FBC2010Res/TPI -2007 (STD)
FT/RT=10%(0%) /0(0)

PLT TYP. Wave

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

10.03.11 0209.20 QTY:

Scale = .5"/Ft.

TC LL	20.0	PSF	REF R487-- 52888
TC DL	10.0	PSF	DATE 03/12/12
BC DL	10.0	PSF	DRW HCUR487 12072023
BC LL	0.0	PSF	HC-ENG JB/DF
TOT.LD.	40.0	PSF	SEQN- 275649
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1UKA487 Z01

****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. Refer to the following notes regarding truss construction and bracing. Review the latest edition of Building Code Requirements for Wood Construction by American Institute of Timber Construction, Inc., for complete details concerning all building code requirements for wood trusses. If you are unable to obtain this information, contact your local building department for more information. The undersigned hereby certifies that the design shown herein complies with the applicable provisions of the International Building Code, unless noted otherwise. No chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of the chord shall have bracing installed per BC91 sections B3, B7 or B10, as applicable.

LIT Building Components Group Inc. (LUBCOG) shall not be responsible for any deviation from this design which may result in failure to build the truss in conformance with ANSI/P1 or for handling, shipping, installation or any factoring of trusses. Apply plates to each face of truss and position as shown above and on the joint details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on the underside of the truss showing the LUBCOG logo and the words "LUBCOG TRUSS MANUFACTURING COMPANY" is required for warranty or cover plate listing this drawing. Indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/P1 Sec.2. For more information see: This job's general notes page; LIN-BGC0; www.lubco.com; TPI: www.tpi.net.org; NTC: www.ntcinfo.com;



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

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=5.0 psf, wind BC DL=5.0 psf. GCpt (+/-)=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.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

R=-.56 RW=16 U=40

R=5 RW=10 U=10



← 1-6-0 →
1-0-0 over 3 Supports

R-254 U-22 W-3.5"
RL=20

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

PLT TYP. Wave

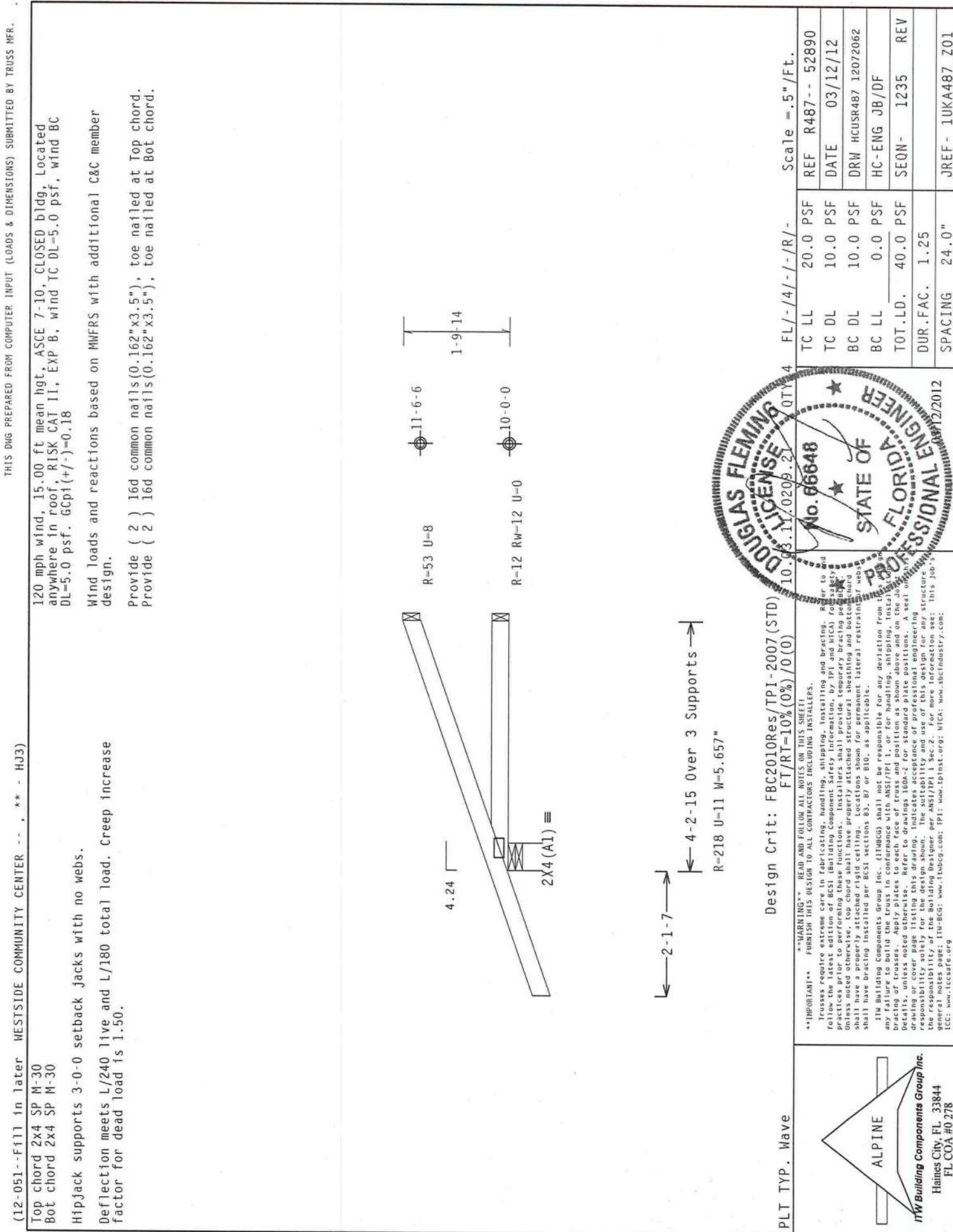
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TC LL	20.0 PSF	REF	R487--	52889
TC DL	10.0 PSF	DATE	03/12/12	
BC DL	10.0 PSF	DRW	HCUSR487	12072024
BC LL	0.0 PSF	HC-ENG	JB/DF	
TOT.LD.	40.0 PSF	SEQN-	275564	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1UKA487	Z01

The seal is circular with a double-lined border. The outer border contains the text "STATE OF FLORIDA" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by stars. The inner circle contains the text "No. 65648" on the left and "03/12/2012" on the right. A signature is written across the center of the seal.

[illegible]

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



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

(12-051--Fill in later WESTSIDE COMMUNITY CENTER -- ** - HJ3)

Top chord 2x4 SP M-30
Bot chord 2x4 SP M-30

Htpjack supports 3-0-0 setback jacks with no webs.

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

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=5.0 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.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

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

DOUGLAS FLEMING
LICENSE
No. 66648
STATE OF FLORIDA
PROFESSIONAL ENGINEER
10-03-11/0209.21
QTY 4

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

Scale = .5" / Ft.

TC LL	20.0 PSF	REF	R487 -- 52890
TC DL	10.0 PSF	DATE	03/12/12
BC DL	10.0 PSF	DRW	HCUSR487 12072062
BC LL	0.0 PSF	HC-ENG	JB/DF
TOT.LD.	40.0 PSF	SEQN-	1235 REV
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UKA487_Z01

(12-051--Fill in later WESTSIDE COMMUNITY CENTER -- ** - CJ3)

Top chord 2x4 SP M-30
Bot chord 2x4 SP M-30

Roof overhang supports 2.00 psf soffit load.

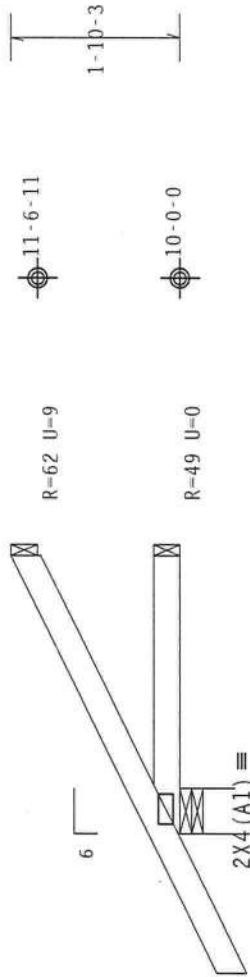
Bottom chord checked for 10.00 psf non-concurrent live load.

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

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

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

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" →
3'-0" 0" Over 3 Supports
R-262 U-2 W-6"
RL-37

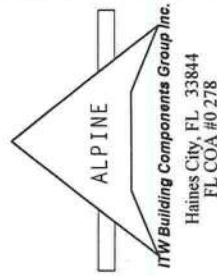
PLT TYP. Wave

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

FL/-/4/-/-/R/- Scale =.5"/Ft.

TC LL	20.0 PSF	REF R487-- 52891
TC DL	10.0 PSF	DATE 03/12/12
BC DL	10.0 PSF	DRW HCUSR487 12072025
BC LL	0.0 PSF	HC-ENG JB/DF
TOT.LD.	40.0 PSF	SEQN- 275567
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1UKA487_Z01

****HARNING**** 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. Refer to the latest edition of BCSI (Building Component Safety Information, by TPI and NICA) for BCSI 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 83, 87 or 810, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design for any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing, bracing or trusses. Apply plates to each face of truss and position as shown above and on the joint. Details, unless noted otherwise. Refer to drawings 1606-2 for standard plate positions. A seal on the bottom chord is required for the design shown. The sealability 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; NICA: www.sbcindustry.com; ICC: www.iccsafe.org



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=5.0 psf, wind BC DL=5.0 psf, GCpt (+/-)=0.18

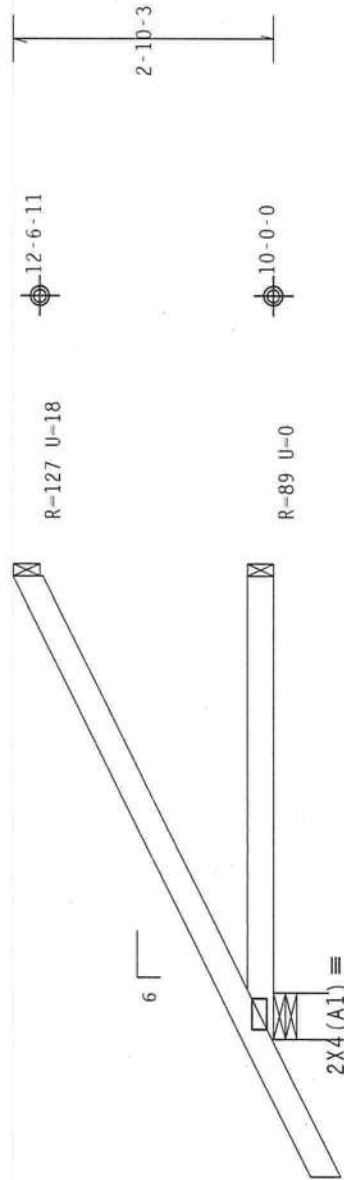
Roof overhang supports 2.00 psf soffit load.

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.

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



1-6-07

5-0-0 Over 3 Supports

R=331 U=0 W=6"
RL=53/-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!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

* * * IMPORTANT * *

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the following instructions for the correct installation of the RGS1 (anti-distortion) TPI truss system. The following instructions shall be followed in the order listed. If the instructions are not followed, the truss system may be damaged and the warranty voided. The contractor shall provide temporary bracing per SCS and shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint shall have bracing installed per RGS1 sections 83, 8 or B10, as applicable.

LTM Building Components Group Inc. (LTHBQG) shall not be responsible for any deviation from the design shown or any failure to build the truss in conformance with ANSI/IPE 101-2 for handling, shipping, installation or any reworking of the trusses. Apply plates to each face of truss and position as shown above and on the following drawings. The drawings show standard details, unless noted otherwise. Refer to drawings I600-2 for standard plate positions. A seal on the drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the user. LTHBQG does not warrant the quality of its products. This job's general notes apply. LTH-BQG: www.ltbqg.com; IPE: www.ipeinst.org; NICA: www.nicaindustry.com; CCC: www.cccsafe.org

ALPINE
NW Building Components Group Inc.

Haines City, FL 33844
FL COA #0278

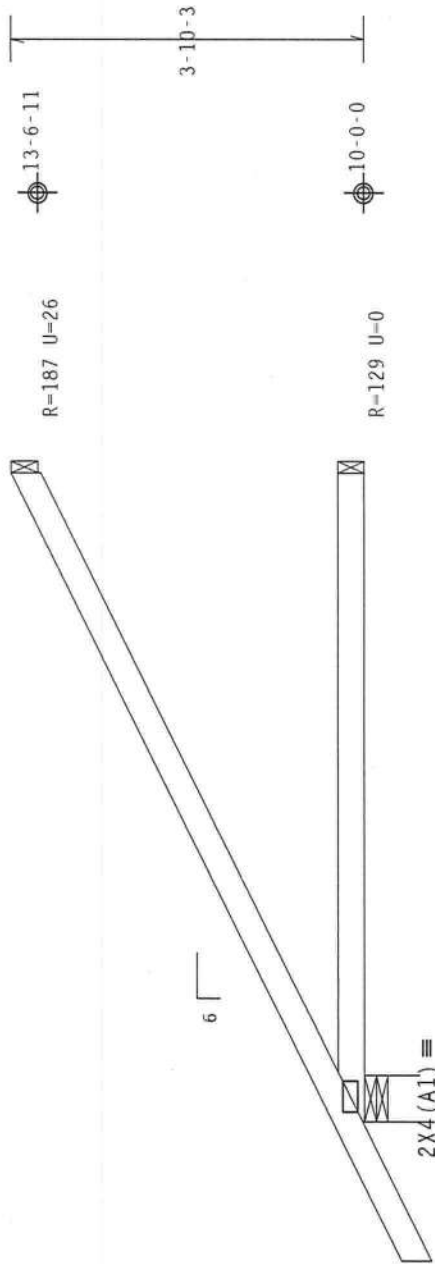
CC: www.tccsafe.org
 general notes page: www.itubcg.com; www.tpinst.org; www.sbcindustry.com;
 the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see:
 the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see:
 the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see:



(12-051--Fill in later WESTSIDE COMMUNITY CENTER -- ** - EJ7)

Top chord 2x4 SP M-30
Bot chord 2x4 SP M-30
Roof overhang supports 2.00 psf soffit load.
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.
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=5.0 psf, wind BC DL=5.0 psf. GCPI(+/-)=0.18
Wind loads and reactions based on MWFRS with additional C&C member design.
MWFRS loads based on trusses located at least 7.50 ft. from roof edge.



1-6-0
7-0-0 Over 3 Supports
R-408 U-0 W-6"
RL=70/-27

PLT TYP. Wave

Design Crit: FBC2010Res/TPI-2007 (STD)

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

Scale = .5"/Ft.

ALPINE ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0278		DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER 03/12/2012		TC LL	20.0 PSF	FL/-4/-1-R/-	REF R487--	52893
				TC DL	10.0 PSF		DATE	03/12/12
				BC DL	10.0 PSF		DRW	HCUSR487 12072027
				BC LL	0.0 PSF		HC-ENG	JB/DF
				TOT.LD.	40.0 PSF		SEQN-	275573
				DUR.FAC.	1.25		JREF-	1UKA487_Z01
				SPACING	24.0"			

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET.
****IMPORTANT**** FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information, by TPI and NICA) for best 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 83, 87 or 810, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design for 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 between trusses. Unless noted otherwise, all trusses shall be installed in accordance with the design shown. 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; NICA: www.sciindustry.com; ICC: www.iccsafe.org

(12-051--Fill in later WESTSIDE COMMUNITY CENTER -- , ** - HJ7)

Top chord 2x4 SP M-30
Bot chord 2x4 SP M-30
Webs 2x4 SP #3

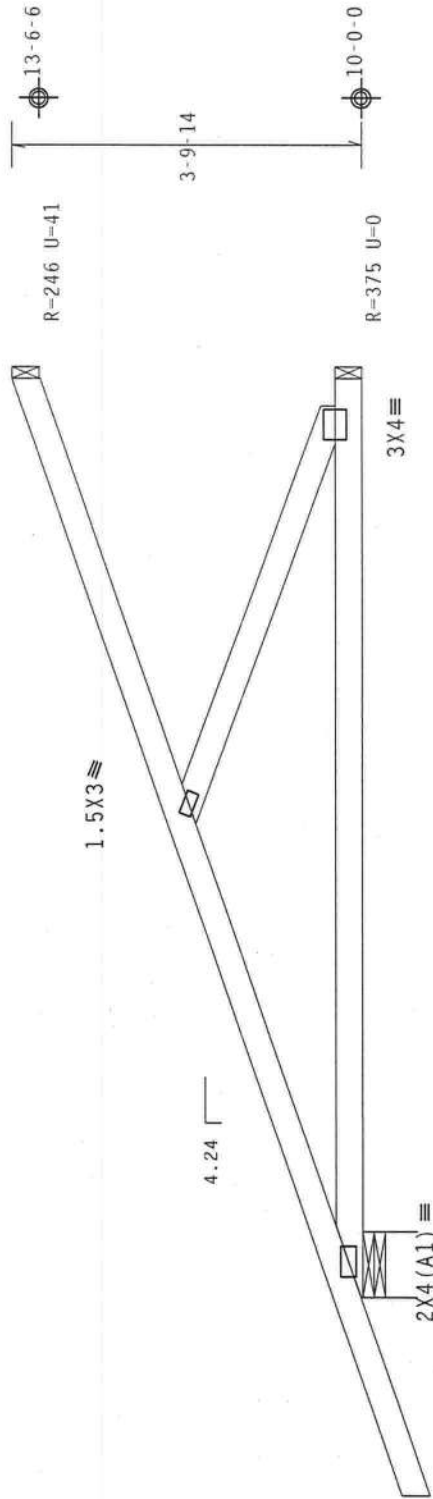
Hipjack supports 7-0-0 setback jacks with no webs.

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

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=5.0 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.
Provide (3) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.



2-1-7
9-10-13 Over 3 Supports
R=461 U=7 W=8.485"

PLT TYP. Wave

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

Scale =.5"/Ft.

FL/-/4/-/R/-

QTY 2

10.03.11.0208.21

REF R487-- 52894

DATE 03/12/12

DRW HCUSR487 12072063

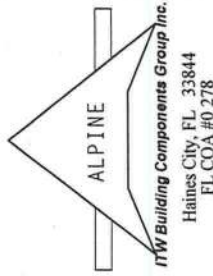
HC-ENG JB/DF

SEQN- 1237 REV

TC LL	20.0 PSF
TC DL	10.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	40.0 PSF
DUR.FAC.	1.25
SPACING	24.0"
JREF	1UKA487_Z01



****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET
****IMPORTANT**** FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information, by TPI and NICA) 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 web shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from 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 for details. The responsibility of the designer 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; NICA: www.sbcindustry.com; ICC: www.iccsafe.org



(12-051--Fill in later WESTSIDE COMMUNITY CENTER -- , ** - CJ7)

Top chord 2x4 SP M-30
Bot chord 2x4 SP M-30

Roof overhang supports 2.00 psf soffit load.

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

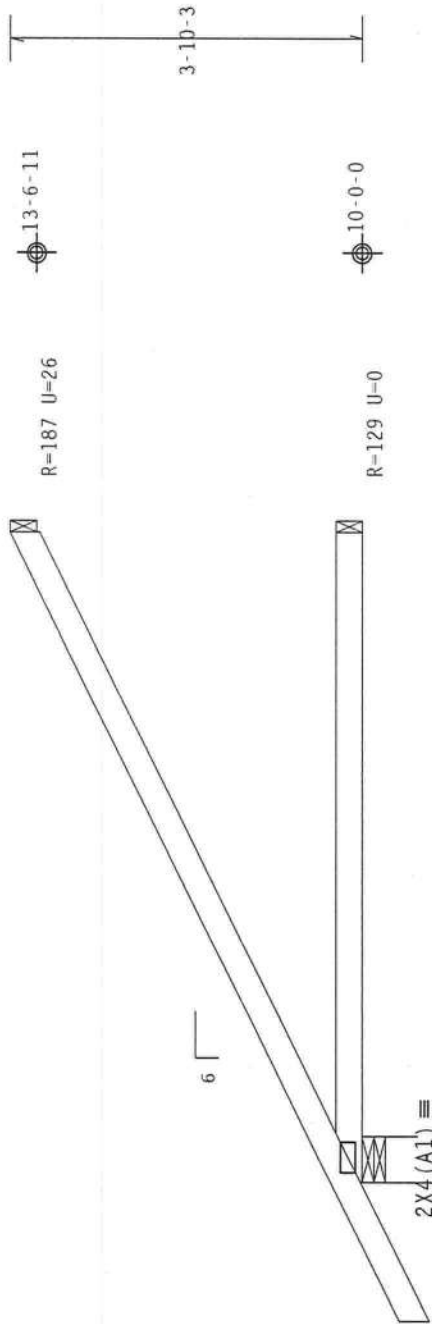
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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=5.0 psf, wind BC DL=5.0 psf. GCp1(+/-)=0.18

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

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



1-6-0
7-0-0 Over 3 Supports
R=408 U=0 W=6"
RL=70/-27

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

PLT TYP. Wave

Scale =.5"/Ft.

FL/-4/-/-R/-

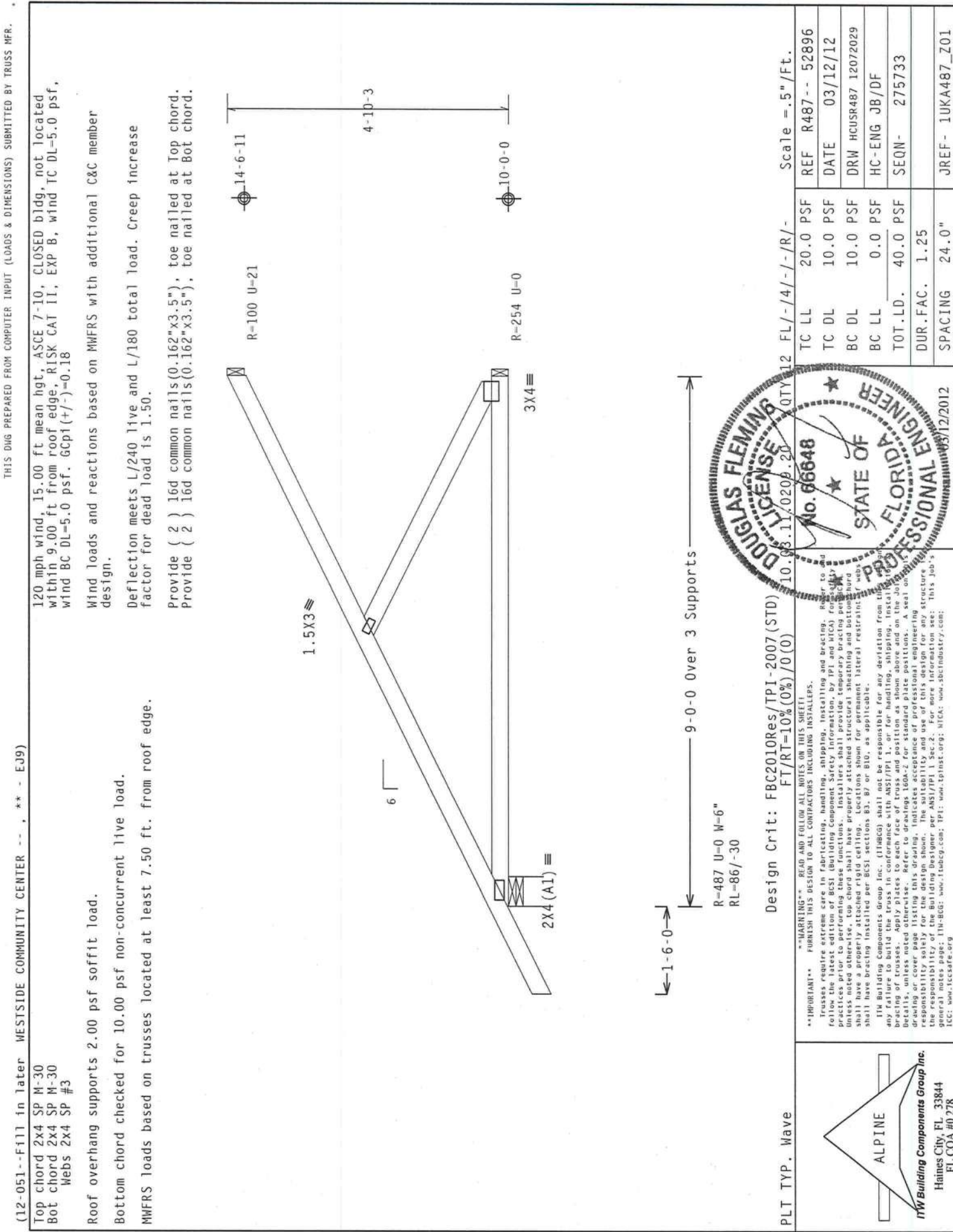
TC LL 20.0 PSF
TC DL 10.0 PSF
BC DL 10.0 PSF
BC LL 0.0 PSF
TOT.LD. 40.0 PSF
DUR.FAC. 1.25
SPACING 24.0"

REF	R487--	52895
DATE	03/12/12	
DRW	HCUSR487	12072028
HC-ENG	JB/DF	
SEQN-	275722	
JREF-	1UKA487_Z01	

10.03.11 0203.20
No. 66848
STATE OF FLORIDA
PROFESSIONAL ENGINEER
03/12/2012

DOUGLAS FLEMING
LICENSE
No. 66848
STATE OF FLORIDA
PROFESSIONAL ENGINEER
03/12/2012

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



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

(12-051--Fill in later WESTSIDE COMMUNITY CENTER --, ** - EJ9)

Top chord 2x4 SP M-30
Bot chord 2x4 SP M-30
Webs 2x4 SP #3

Roof overhang supports 2.00 psf soffit load.

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

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

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

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.

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

Scale = .5" / Ft.

TC LL	20.0 PSF	REF	R487 -- 52896
TC DL	10.0 PSF	DATE	03/12/12
BC DL	10.0 PSF	DRW	HCU8487 12072029
BC LL	0.0 PSF	HC-ENG	JB/DF
TOT.LD.	40.0 PSF	SEQN-	275733
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UKA487_Z01

DOUGLAS FLEMING
LICENSE
No. 66648
STATE OF FLORIDA
PROFESSIONAL ENGINEER
03/12/2012

****IMPORTANT****
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the following instructions for proper handling, shipping, installing and bracing practices prior to performing these functions. Installers shall provide temporary bracing per the instructions 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. (ITWBCGI) 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 Job. A seal on the drawing or cover page listing this drawing, indicates acceptance of professional engineering structure. The responsibility of the Building Designer per ANSI/TPI 1, Sec. 2. For more information see: This job's general notes page: ITW-BCGI: www.itwbcgi.com; TPI: www.tpinet.org; NICA: www.sbcindustry.com; ICC: www.iccsafe.org

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

Top chord	2x4	SP	M-30
Bot chord	2x4	SP	M-30
Web	2x4	SP	#3

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

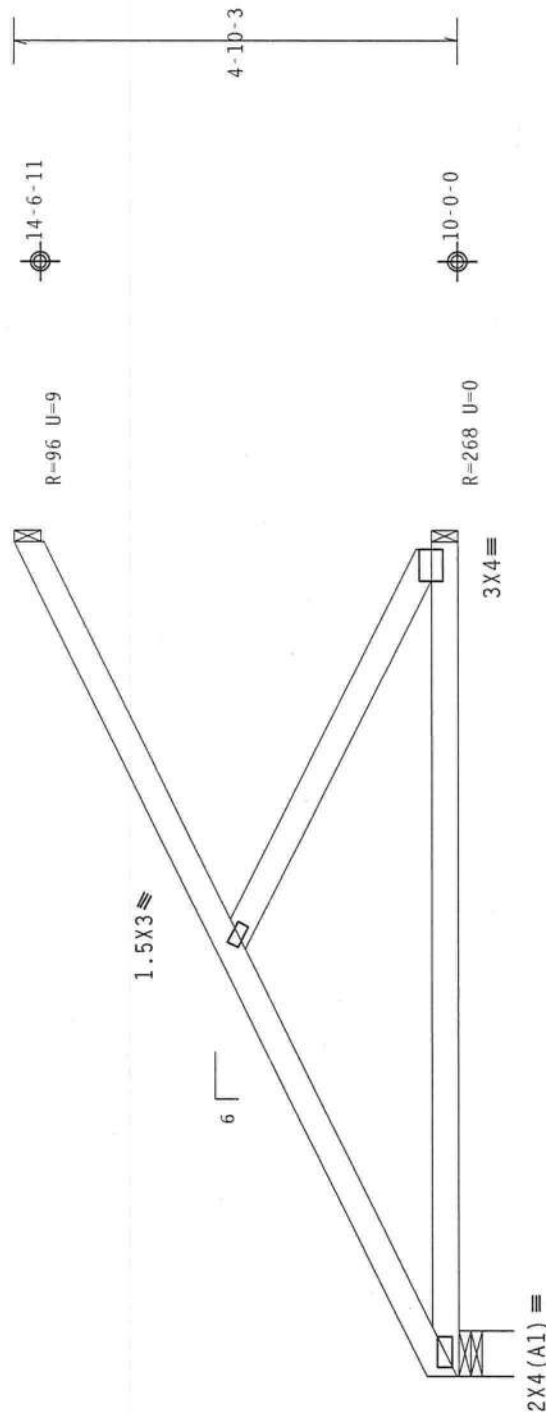
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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.

1120 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=5.0 psf, wind BC DL=5.0 psf. GCpt (+/-)=0.18

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

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



9-0-0 Over 3 Supports

R=377 U=0 W=6"
RI=49Design Crit: FBC2010Res/TPI-2007(STD)
FT/RT=10%(0%)/0(0)

PLT TYP. Wave

Scale = .5"/Ft.

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

QTY 5

10.93.11.0209.20

(nic)

3CZOLURES/IFI-200/
FT/RT=10%(0%) / 0 (0)

Design Crit: F...

PLT TYP.: Wave

TC LL	20.0 PSF	REF	R487--	52897
TC DL	10.0 PSF	DATE	03/12/12	
BC DL	10.0 PSF	DRW	HCUSR487	12072030
BC LL	0.0 PSF	HC-ENG	JB/DF	
TOT.LD.	40.0 PSF	SEQN-	275736	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1UKA487	Z01

No. 66648
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
09/12/2012

****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. Please refer to and follow the latest edition of BCSP (Building Component Safety) information, by IPI and MICA for safety and erection details. Trusses are designed to be installed with temporary bracing per the BCSP information. 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 web bracing 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 this design due to any failure to build the truss in conformance with ANSI/IPI 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 for erection details, unless noted otherwise. Refer to drawings 160A-2 For standard plate positions. A seal on the drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/IPI 1 Sec.2. For more information see: This Job's General notes page: I1U-BCG0: www.bdcg.com; IPI: www.ipiinst.org; MICA: www.bchindustry.com;



ALPINE
Building Components Group Inc.
 Haines City, FL 33844

(12-051--Fill in later WESTSIDE COMMUNITY CENTER --, ** - CJ1V)

Top chord 2x4 SP M-30
Bot chord 2x4 SP M-30
Roof overhang supports 2.00 psf soffit load.
Bottom chord checked for 10.00 psf non-concurrent live load.
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf, GCPI(+/-)-0.18
Wind loads and reactions based on MMFRS with additional C&C member design.
Shim all supports to solid bearing.
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.

R=-49 Rw=14 U=36



R=2 Rw=10 U=14

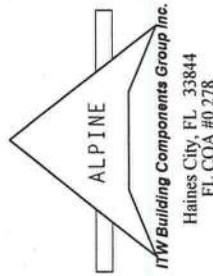
1-6-0-0
1-0-0 Over 3 Supports
R=254 U=24 W=6"
RL=21

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

PLT TYP. Wave	FL/-4/-/-R/-	Scale =.5"/Ft.
TC LL	20.0 PSF	REF R487-- 52899
TC DL	10.0 PSF	DATE 03/12/12
BC DL	10.0 PSF	DRW HCUSR487 12072031
BC LL	0.0 PSF	HC-ENG JB/DF
TOT.LD.	40.0 PSF	SEQN- 275809
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1UKA487_Z01

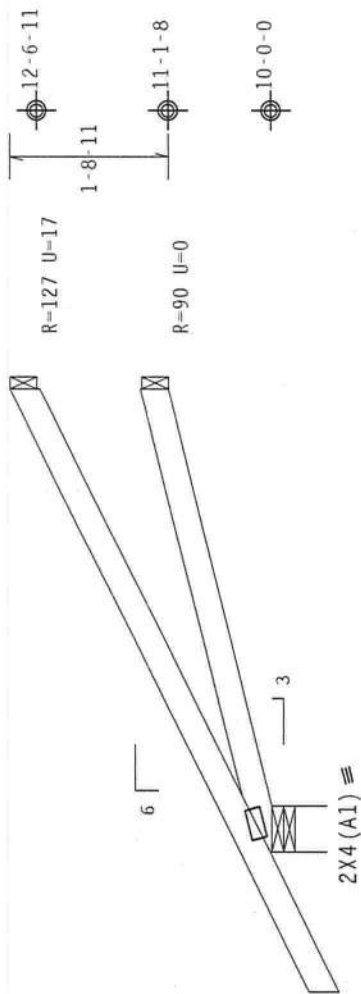


****HARMING**** READ AND FOLLOW ALL NOTES ON THIS SHEET!
****IMPORTANT**** FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information, by TPI and NICA) for best 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 this design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the joint details, unless noted otherwise. Refer to drawings 10062 for standard details.
The undersigned hereby certifies that he/she is a duly Licensed Professional Engineer, and that the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This job's general notes page: IIN-BCG: www.itwbcg.com; TPI: www.tpinst.org; NICA: www.sbcindustry.com; ICC: www.iccsafe.org



(12-051--Fill in later WESTSIDE COMMUNITY CENTER -- ** - CJ5V)

Top chord 2x4 SP M-30
Bot chord 2x4 SP M-30
Roof overhang supports 2.00 psf soffit load.
Bottom chord checked for 10.00 psf non-concurrent live load.
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpl(+/-)=0.18
Wind loads and reactions based on MHFRS with additional C&C member design.
Shim all supports to solid bearing.
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.



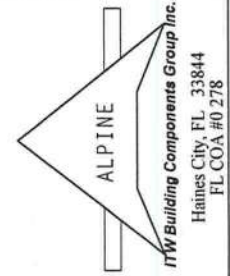
1-6-0
5-0-0 Over 3 Supports
R=332 U=0 W=6"
RL=58/-27

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

PLT TYP. Wave	FL/-4/-/-R/-	Scale =.5"/Ft.
TC LL	20.0 PSF	REF R487-- 52901
TC DL	10.0 PSF	DATE 03/12/12
BC DL	10.0 PSF	DRW HCUSR487 12072033
BC LL	0.0 PSF	HC-ENG JB/DF
TOT.LD.	40.0 PSF	SEQN- 275815
DUR.FAC.	1.25	JREF- 1UKA487_Z01
SPACING	24.0"	



****IMPORTANT**** FURNISH THIS DESIGN TO ALL COMPARTMENTS 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 NICA) for best 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 89, 87 or 810, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design for 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 drawing or truss, indicating this drawing, is required for the 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; NICA: www.sciindustry.com; ICC: www.iccsafe.org



(12-051--Fill in later WESTSIDE COMMUNITY CENTER -- ** - CJ7V)

Top chord 2x4 SP M-30
Bot chord 2x4 SP M-30

Roof overhang supports 2.00 psf soffit load.

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

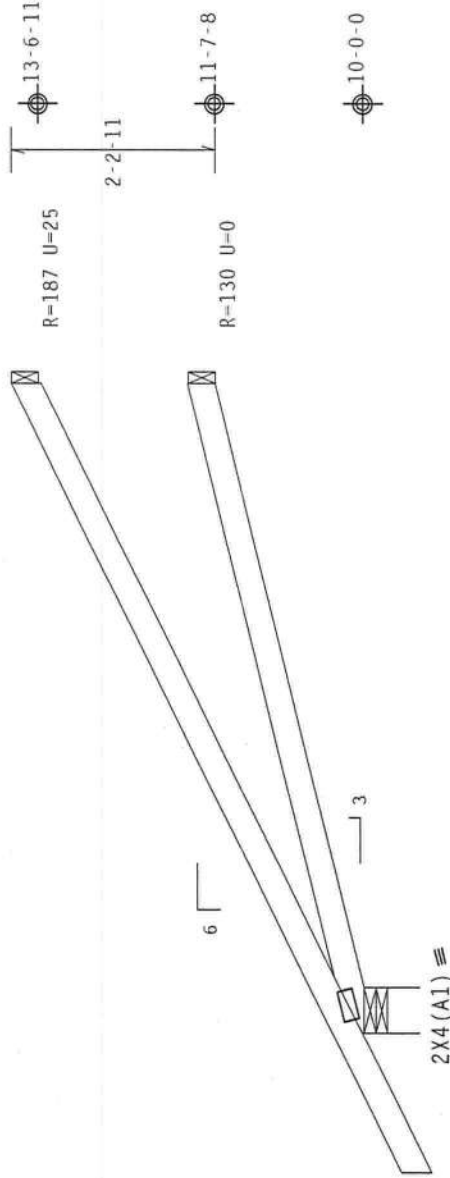
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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

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

Shim all supports to solid bearing.

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.

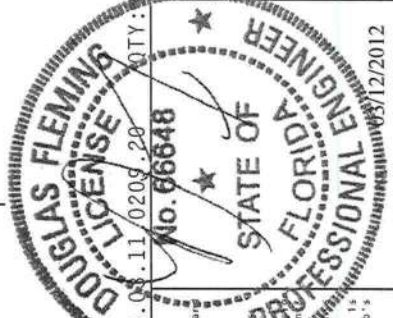


1-6-0
7-0-0 Over 3 Supports
R-410 U-0 W-6"
RL-76/-33

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

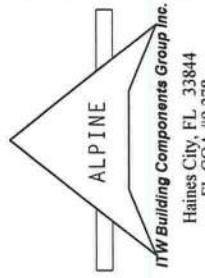
PLT TYP. Wave

Scale =.5"/Ft.



****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET.
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
****IMPORTANT**** 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 WCA) for practices prior to performing these functions. Installers shall provide temporary bracing per details, unless noted otherwise. Refer to drawings 1004-2 for standard plate positions. Seal on the 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. (IIBC) shall not be responsible for any deviation from this design for 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 1004-2 for standard plate positions. Seal on the 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.
The responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This Job's general notes page: IIB-BCG: www.itwbcg.com; TPI: www.tpinet.org; WCA: www.sbcindustry.com; ICC: www.iccsafe.org

TC LL	20.0 PSF	FL/-4/-/-R/-	REF R487--	52902
TC DL	10.0 PSF		DATE	03/12/12
BC DL	10.0 PSF		DRW HCUSR487	12072034
BC LL	0.0 PSF		HC-ENG JB/DF	
TOT.LD.	40.0 PSF		SEQN-	275818
DUR.FAC.	1.25			
SPACING	24.0"		JREF-	1UKA487_Z01



(12-051--Fill in later WESTSIDE COMMUNITY CENTER -- ** - CJ9V)

Top chord 2x4 SP M-30
Bot chord 2x4 SP M-30
Webs 2x4 SP #3

Roof overhang supports 2.00 psf soffit load.

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

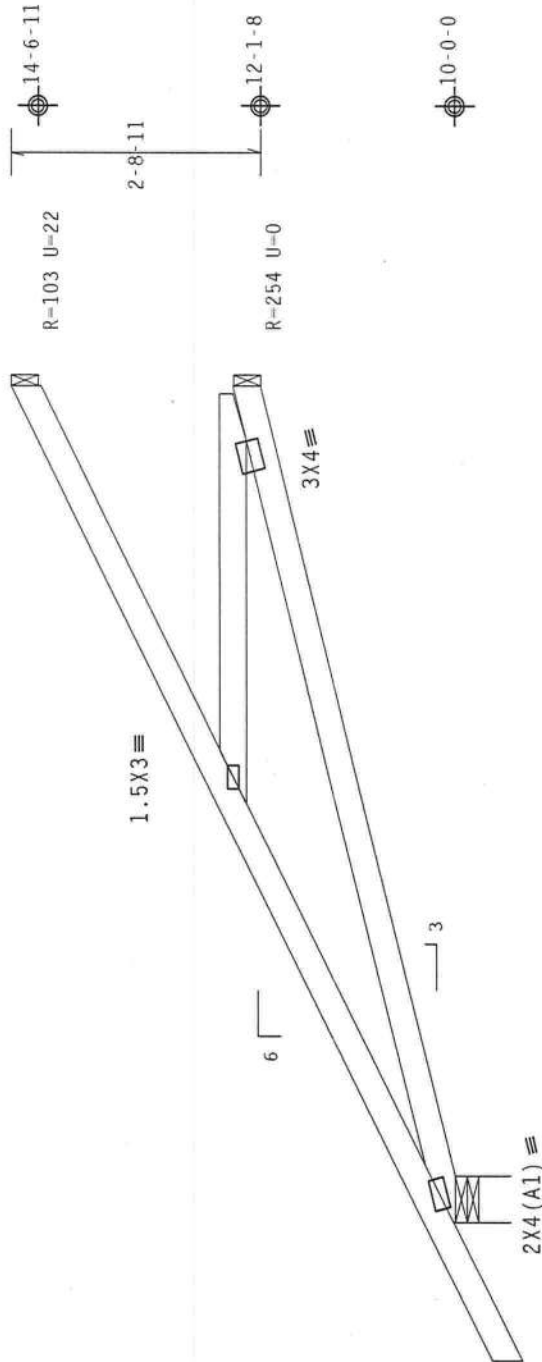
Shim all supports to solid bearing.

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=5.0 psf, wind BC DL=5.0 psf, GCpf(+/-)=0.18

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

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



1'-6" 0" 9'-0" Over 3 Supports

R=490 U=0 W=6"
RL=95/-39

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	**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 the latest edition of BCSI Building Component Safety Information, by TPI and NICA 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 shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.					
	ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design for any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing, bracing or trusses. Apply plates to each face of truss and position as shown above and on the joint between members, unless noted otherwise. This drawing indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This job's general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinat.org; NICA: www.sbcindustry.com; ICC: www.iccsafe.org					
	No. 66648					TC LL 20.0 PSF
	DOUGLAS FLEMING LICENSE No. 66648					TC DL 10.0 PSF
STATE OF FLORIDA PROFESSIONAL ENGINEER						BC DL 10.0 PSF
						BC LL 0.0 PSF
						TOT.LD. 40.0 PSF
						DUR.FAC. 1.25
						SPACING 24.0"
						REF R487-- 52903
						DATE 03/12/12
						DRW HCUSR487 12072035
						HC-ENG JB/DF
						SEQN- 275823
						JREF- 1UKA487_Z01

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=5.0 psf, wind BC DL=5.0 psf. GCPI (+/-)=0.18

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

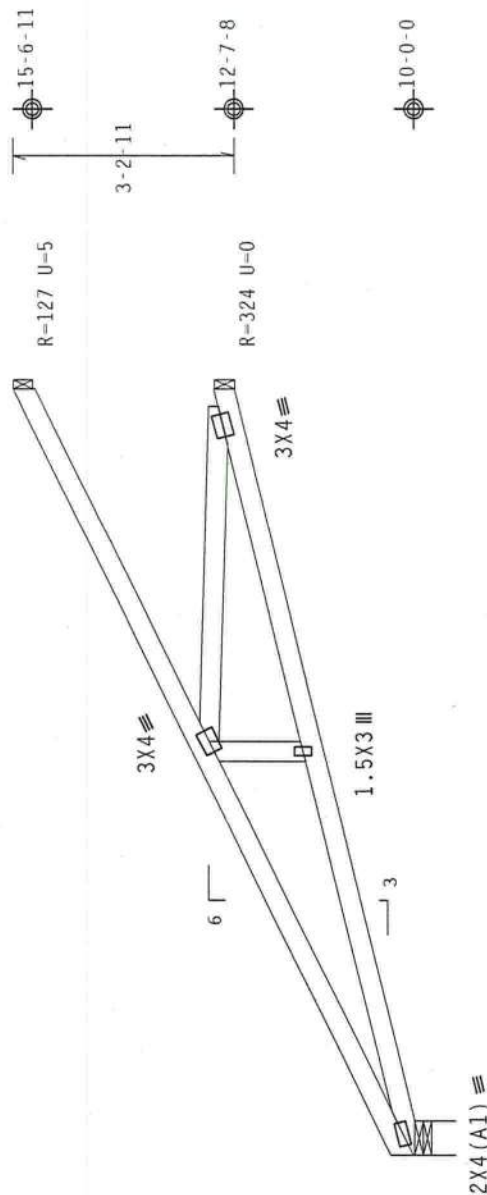
Shim all supports to solid bearing.

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.

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.

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



← 11-0-0 Over 3 Supports.

$P=463$ $II=0$ $W=6''$

RL-70/-30

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

PLT TYP. Wave

Scale = .375"/Ft.

EF R487-- 52904

DATE 03/12/12

NAME	00/25/25
UPL	HC115P497 12072036

120/2030
10/05

IC-ENG JB/DF

EQN- 275865

REF- 1UKA487_Z01

1000

(12-051--Fill in later WESTSIDE COMMUNITY CENTER -- ** - EJ11V)

Top chord 2x4 SP M-30
Bot chord 2x4 SP M-30
Webs 2x4 SP #3

Roof overhang supports 2.00 psf soffit load.

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

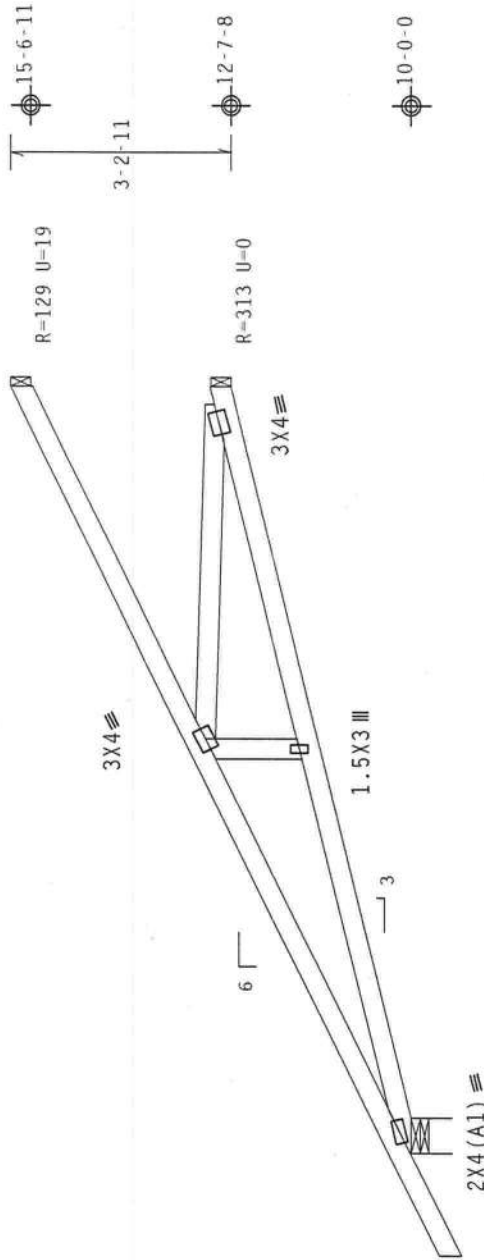
Shim all supports to solid bearing.

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.

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=5.0 psf, wind BC DL=5.0 psf. GCpf (+/-)=0.18

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

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



1-6-0

11-0-0 Over 3 Supports

R-571 U=0 W=6"
RL=113/-44

PLT TYP. Wave

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

Scale = .375"/Ft.

ALPINE ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0278	**WARNINGS** READ AND FOLLOW ALL NOTES ON THIS SHEET. FURNISH THIS DESIGN TO ALL COMPACTORS INCLUDING INSTALLERS.		No. 66648		TC LL	20.0	PSF
	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 BCSI) for details. 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.		★		TC DL	10.0	PSF
	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 Job. Details, unless noted otherwise, shall be in accordance with the latest edition of BCSI (Building Component Safety Information, by TPI and BCSI) for details. 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.tpiinst.org; WICA: www.sbcindustry.com; ICC: www.iccsafe.org		STATE OF FLORIDA		BC DL	10.0	PSF
			PROFESSIONAL ENGINEER		BC LL	0.0	PSF
			03/12/2012		TOT.LD.	40.0	PSF
					DUR.FAC.	1.25	
					SPACING	24.0"	
				JREF-	1UKA487_Z01		

(12-051--Fill in later WESTSIDE COMMUNITY CENTER -- , ** - HJ11V)

Top chord 2x4 SP M-30
Bot chord 2x6 SP SS
Webs 2x4 SP #3

Roof overhang supports 2.00 psf soffit load.

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

Hip/jack supports 11-0-0 setback jacks. Jacks up to 7' have no webs. Longer jacks supported to BC.

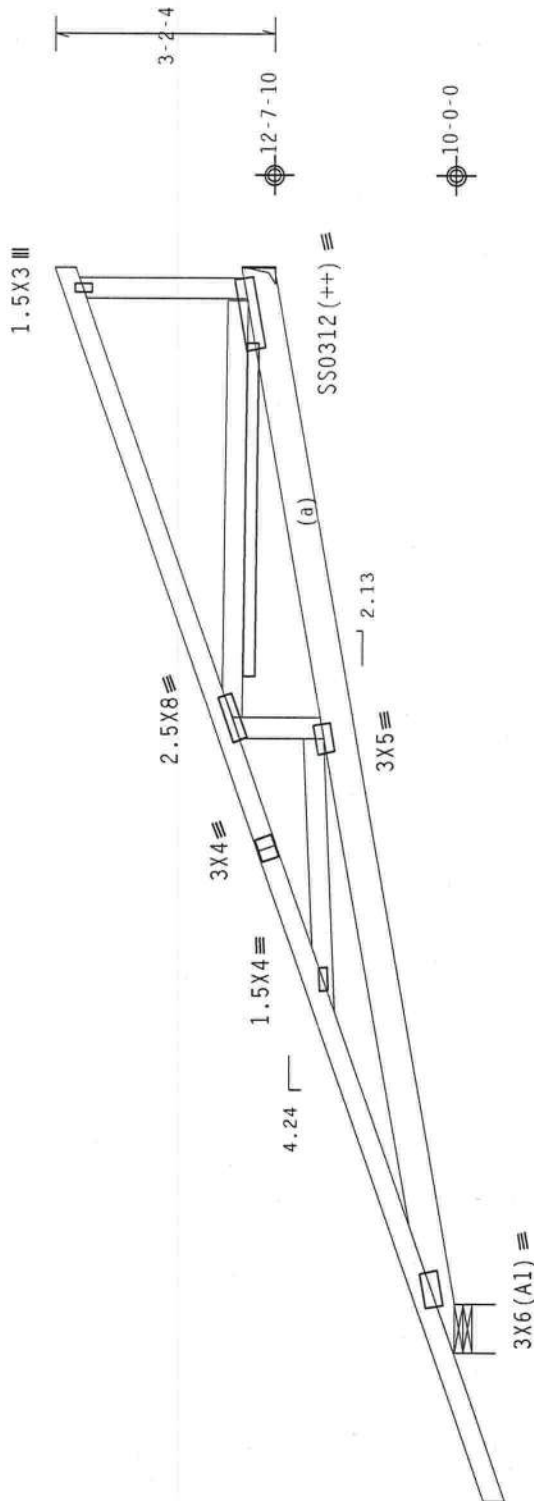
(++) - This plate works for both joints covered.

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

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

Right end vertical not exposed to wind pressure.

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



15-6-11 Over 2 Supports
R-932 U=2 W=8.485"
R-1584 U=0

Design Crit: FBC2010Res/TPI-2007 (STD)

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

PLT TYP. 18 Gauge HS, Wave

Scale = .375"/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, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and NICA) practices prior to performing these functions. Installers shall provide temporary bracing per the drawing or cover page listing this drawing. 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 web shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the general notes page; ITH-BCG: www.ithbcg.com; TPI: www.tpi.net; NICA: www.nicaindustry.com; ICC: www.iccsafe.org



TC LL	20.0 PSF
TC DL	10.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	40.0 PSF
DUR.FAC.	1.25
SPACING	24.0"

REF	R487--	52906
DATE	03/12/12	
DRW	HCUSR487	12072066
HC-ENG	JB/DF	
SEQN	275857	
JREF	1UKA487_Z01	

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

Top	chord	2x4	SP	M-30
Bot	chord	2x4	SP	M-30
	webs	2x4	SP	#3

120 mph wind, 21.35 ft mean ht., ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf. GCpi(+/-)=0.18

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

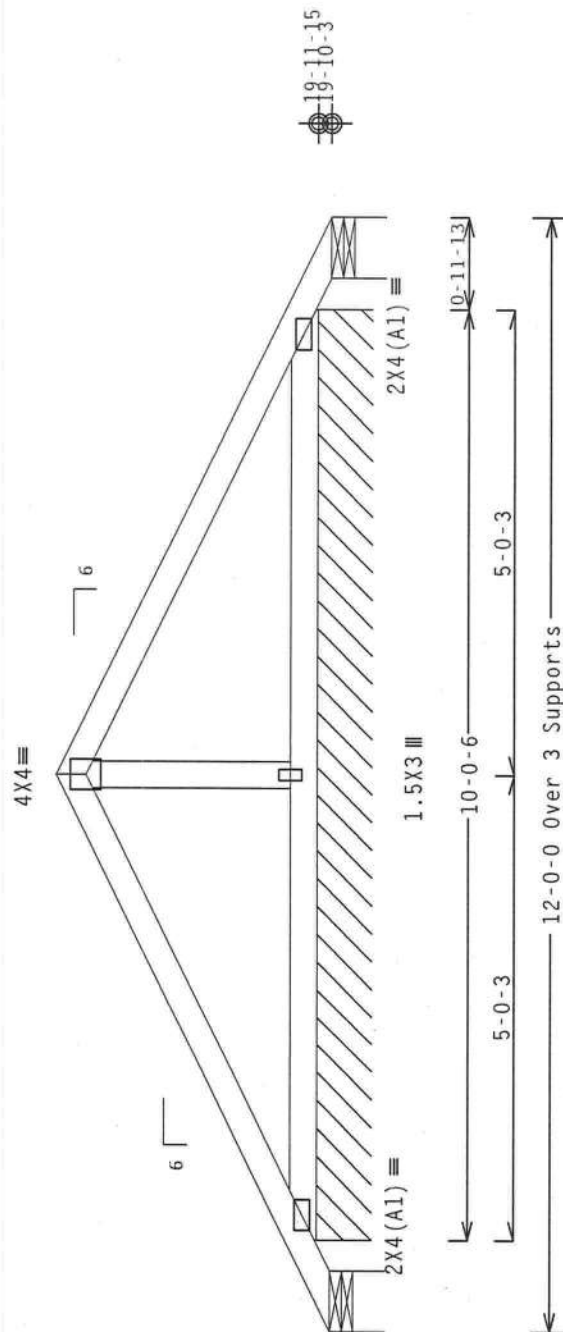
Refer to DWG PB160100212 for piggyback details.

Special loads

	Dur. Fac. = 1.25 / Plate Dur. Fac. = 1.25		
----- (Lumber			
TC- From	62 plf at 0.00 to	62 plf at 6.00	
TC- From	62 plf at 6.00 to	62 plf at 12.00	
8C- From	4 plf at 0.00 to	4 plf at 12.00	

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

WMFERS loads based on trusses located at least 21.35 ft. from roof edge.



R=-.87 RW=32 U=70 W=7.826"
RL=43/-43

R-89 PLF U=2 PLF W=10-0-6

12-0-0 Over 3 Supports

WAVE TYP.

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

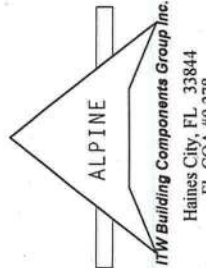
Scale = .5"/Ft.

TC LL	20.0	PSF	REF	R487--	52907
TC DL	10.0	PSF	DATE	03/12/12	
BC DL	10.0	PSF	DRW	HCUSR487	12072038
BC LL	0.0	PSF	HC-ENG	JB/DF	
TOT.LD.	40.0	PSF	SEQN-	275806	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	1UKA487_Z01	

****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 information was obtained from RCSI Building Component Safety Information, by IPI and NICKA Research Corporation, regarding truss erection practices. Otherwise, the following information may not otherwise be known or noted elsewhere. No chord shall have a properly attached structural sheathing at both ends. All chords shall have a properly attached lateral restraint at each end. All chords shall have bracing installed per RCSI section L33, L87 or B10, as applicable.

ITW Building Components Group, Inc. (ITWBCG) shall be responsible for any deviation from the design of any factory built truss. ITWBCG shall be responsible for the design, engineering, manufacturing of trusses. Apply plates to each face of truss and position as shown on the drawings. Seal all joints with a 1/2" thick bead of 100% silicone sealant. Refer to drawings 160A-2 for standard plate details, unless noted otherwise. Indicates acceptance of professional engineering drawing or cover page listing this design drawing. The suitability and use of this design for any structure is the 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/SPRI 1 Sec.2. For more information see: This Job's general notes page: 11W-Bldg: www.itw-bcg.com; TPI: www.tpi1.net.org; MICA: www.abctmfrust.com;



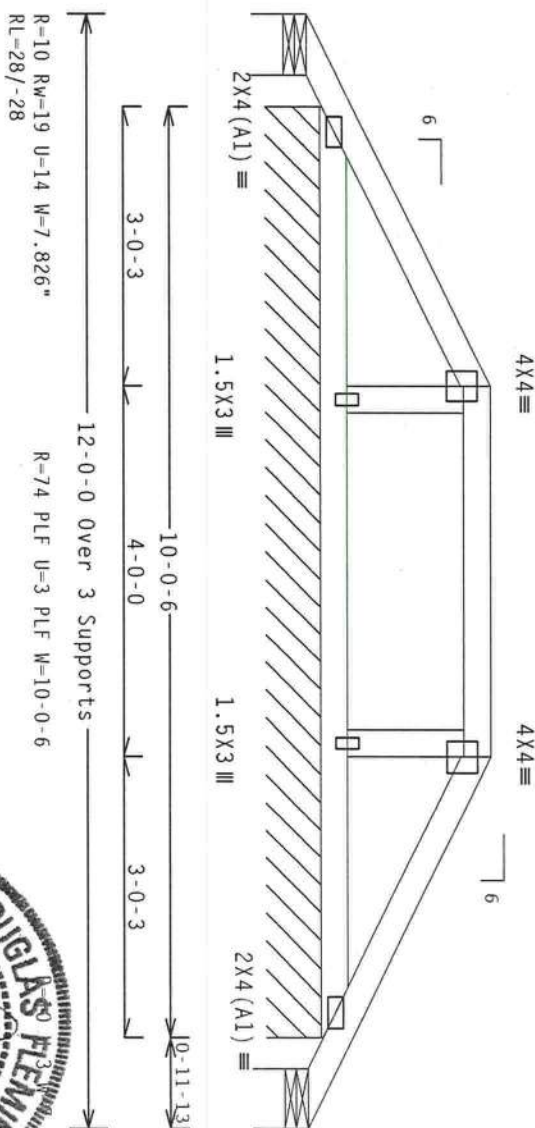
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

120 mph wind, 20.85 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=5.0 psf, wind BC DL=2.0 psf, Gcpl(+/-)=0.18

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

MFERS loads based on trusses located at least 20.85 ft. from roof edge.

Refer to DWG PB160100212 for piggyback details.



19-10-35

PLT TYP. Wave

Design Crit: FBC2010Res/TP1-2007 (STD)
FT/RT=10%(0%)/0(0)

QTY: 10.03.11/0209.20

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

Scale = .5"/Ft.

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

ITW Building Components Group Inc.

Haines City, FL 33844
FL COA #0278

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI Building Component Safety Information, by IPI and WICA for the practices 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 sections B3, B7, or B10, as applicable.

The Building Components Group, Inc. (IBBG) shall not be responsible for any deviation from this document due to failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or bracing of trusses. Applying plates, per the drawings, is the responsibility of the fabricator. The fabricator shall be responsible for obtaining proper permits. Refer to sections 1000-2 for standard plate positions. A seal on the drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The ANSI/TPI 1 Sec.2. For more information see: The responsibility of the Building Designer, per AIA/IBBG, www.1ibcc.org; WICA, www.wicaindustry.com; general notes page: IIBBG: www.1ibcc.org; IPI: www.tpinet.org; WICA: www.wicaindustry.com; www.1ibcc.org

Special Joists			
	Dur.Fac.-1.25 /	plate	Dur.Fac.-1.25)
TC- From	62 pif at 0.00 to	62 pif at	4.00
TC- From	62 pif at 4.00 to	62 pif at	8.00
TC- From	62 pif at 8.00 to	62 pif at	12.00
BC- From	4 pif at 0.00 to	4 pif at	12.00

In lieu of structural panels use purtins 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.

TC-From	Dur.Fac.=1.25 /	Plate Dur.Fac.=1.25
TC-From	62 pif at 0.00 to	62 pif at 4.00
TC-From	62 pif at 4.00 to	62 pif at 8.00
TC-From	62 pif at 8.00 to	62 pif at 12.00
BC-From	4 pif at 0.00 to	4 pif at 12.00

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

05/12/2012

TC LL	20.0 PSF	REF R487-- 52908
TC DL	10.0 PSF	DATE 03/12/12
BC DL	10.0 PSF	DRW HCUR487 12072035
BC LL	0.0 PSF	HC-ENG JB/DF
TOT.LD.	40.0 PSF	SEQN- 275803
DUR.FAC.	1.25	
SPACING	24.0"	JREF - 1UKA487_201

JREF - 1UKA487_Z01

Top chord 2x4 SP M-30
Bot chord 2x4 SP M-30
Webs 2x4 SP #3

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

120 mph wind, 20.35 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=5.0 psf,
wind BC DL=2.0 psf. GCpt(+/-)=0.18

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

Refer to DWG PB160100212 for piggyback details.

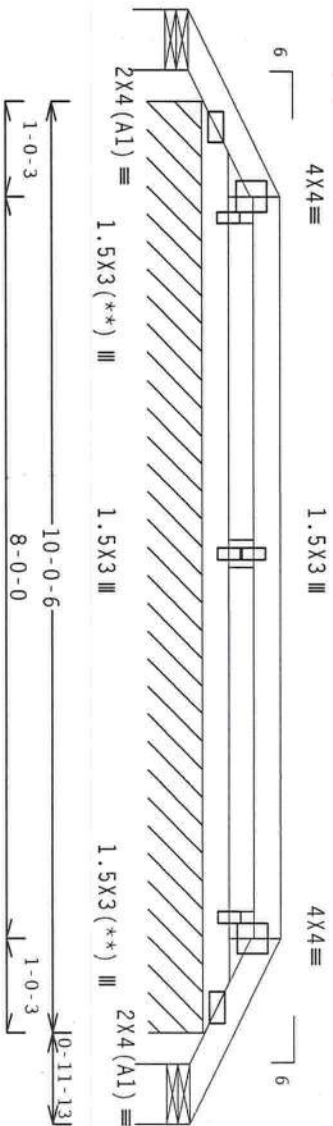
Special loads

TC- From	Dur.Fac.-1.25 / Plate Dur.Fac.-1.25
62 pif at 0.00 to 62 pif at 2.00	
TC- From	62 pif at 2.00 to 62 pif at 10.00
TC- From	62 pif at 10.00 to 62 pif at 12.00
BC- From	4 pif at 0.00 to 4 pif at 12.00

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

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

MWFRS loads based on trusses located at least 20.35 ft. from roof
edge.



19'-10'-35

PLT TYP. Wave

Design Crit: FBC2010Res/TP1-2007(STD)
FT/RT=10%(0%)/0(0)

10'-0'-3" W=7.826"

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

Scale =.5"/ft.

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

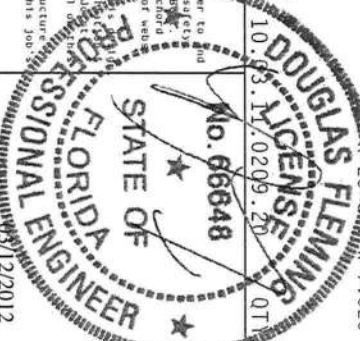
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the
fabricator's manual for details of BCSI (Building Components Group Inc.) truss erection and
practices prior to performing these functions. Installers shall provide temporary bracing per
unless noted otherwise. Top chord shall have properly attached structural sheathing and bottom
shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

The Building Components Group Inc. (BCSI) shall not be responsible for any deviation from the
any failure to build the truss in conformance with ANSI/TP1 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 joint
details, unless noted otherwise. Refer to drawings 100-2 for standard plate positions. A seal of
drawing or cover page fitting this drawing. Indicates acceptance of professional engineering
the responsibility of the Building Designer per ANSI/TP1 1 Sec 2. For more information see: This job
general notes page: 111-BCSI: www.bcsig.com; TP1: www.tp1inst.org; WICA: www.sectindustry.com;
ICC: www.iccsafe.org

ALPINE

NTW Building Components Group Inc.

Haines City, FL 33844
FL COA #0 278



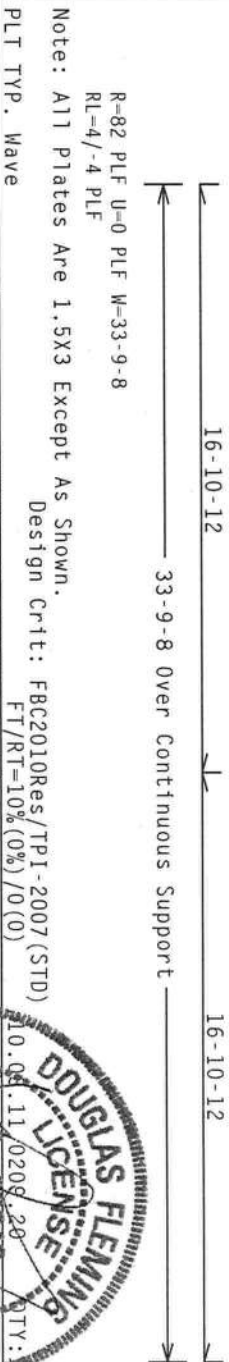
TC LL	20.0 PSF	REF R487- 52909
TC DL	10.0 PSF	DATE 03/12/12
BC DL	10.0 PSF	DRW HCSR487 12072040
BC LL	0.0 PSF	HC-ENG JB/DF
TOT.LD.	40.0 PSF	SEQN- 275800
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1UKA487_201

120 mph wind, 15.26 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=5.0 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.

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



R=82 PLF U=0 PLF W=33-9-8
RL=4/-4 PLF

Note: All Plates Are 1.5X3 Except As Shown.

Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave

$$\text{FT/RT} = 10\% (0\%) / 0 (0)$$

10.06.11/0209.20 QTY:

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

Scale = .1875"/Ft.

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

ITW Building Components Group Inc.

Haines City, FL 33844

FL COA #0 278

Trusses, including crown crane, are to carry framing, handling, shipping, installing and protecting. Refer to the following latest edition of BCSI Building Component Safety Information, by IP1 and NICA for details and practices related 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 installed rigid ceiling. Locations shown for permanent lateral restraint shall have bracing installed per BCSI sections 8.3, 8.7 or 8.10, as applicable.

ITW Building Components Group, Inc. (IBCG) shall not be responsible for any deviation from this specification or any failure to build the truss in conformance with ANSI/P1.1, or for handling, shipping, installing or bracing details, unless noted otherwise. Refer to drawings 1604-2 for standard plate positions. A seal on the drawing or cover page listing this drawing, indicating the date of the last revision, shall be required for the responsibility of the building designer per ANSI/P1.1 Sec.2. For more information see: This job's general notes page; ITW-BCSI: www.itwinc.com; IP1: www.ip1inst.org; NICA: www.bcsindustry.com; CCSI: www.ccsai.org

GLASS FLEMING
LICENSE
11/0209-20
No. 66648
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
03/12/2012

TC LL	20.0 PSF	REF R487-- 52910
TC DL	10.0 PSF	DATE 03/12/12
BC DL	10.0 PSF	DRW HCUR487 12072041
BC LL	0.0 PSF	HC-ENG JB/DF
TOT.LD.	40.0 PSF	SEQN- 275619
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1UKA487_Z01

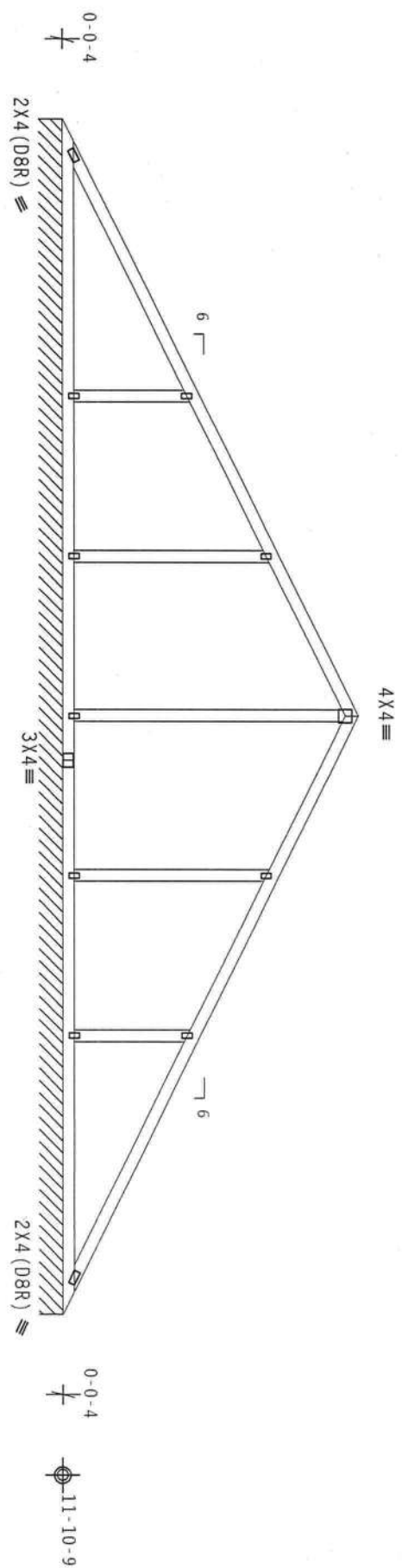
Top chord 2x4 SP M-30
Bot chord 2x4 SP M-30
Webs 2x4 SP #3

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

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

MMFRS loads based on trusses located at least 15.77 ft. from roof edge.

120 mph wind, 15.77 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-5.0 psf, wind BC DL-5.0 psf, GCP1(+/-)-0.18
Wind loads and reactions based on MMFRS with additional C&C member design.
See DWG VAL160100212 for valley details.



R-82 PLF U=0 PLF W=29-9-8
RL=4/-4 PLF

Note: All Plates Are 1.5X3 Except As Shown.

PLT TYP. Wave

Design Crit: FBC2010Res/TP1-2007(STD)
FT/RT=10%(0%)/0(0)

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

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844
FL COA #0278



FL/-/4/-/-/R/-	Scale = .25"/Ft.
TC LL	20.0 PSF
TC DL	10.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	40.0 PSF
DUR.FAC.	1.25
SPACING	24.0"
JREF - 1UKA487_201	

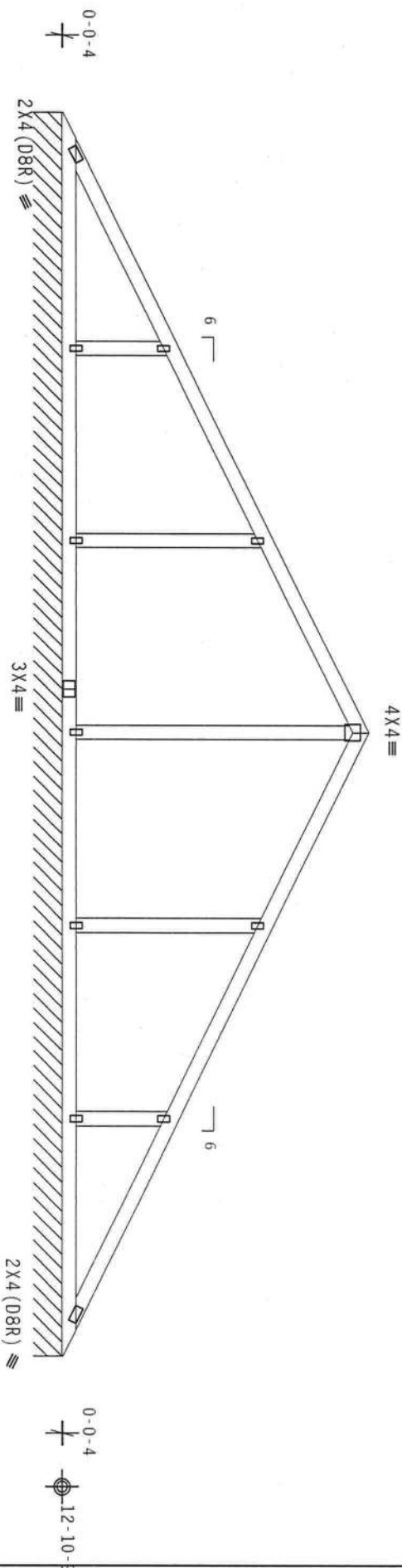
Top chord 2x4 SP M-30
Bot chord 2x4 SP M-30
Webs 2x4 SP #3

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

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

MMFRS loads based on trusses located at least 16.26 ft. from roof edge.

120 mph wind, 16.26 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=5.0 psf, wind BC DL=5.0 psf, GCPI (+/-)=0.18
Wind loads and reactions based on MMFRS with additional C&C member design.
See DWG VAL160100212 for valley details.



R-82 PLF U=0 PLF W=25-9-8
RL=4/-4 PLF

Note: All Plates Are 1.5X3 Except As Shown.

PLT TYP. Wave

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

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

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing, or bracing of trusses. Apply plates to each face of truss and position as shown above and on the job. 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; NICKA: www.structure.com; ICC: www.iccsafe.org

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844
FL COA #0278



FL/-/4/-/R/-

Scale = .3125"/ft.

TC LL	20.0 PSF	REF R487-- 52912
TC DL	10.0 PSF	DATE 03/12/12
BC DL	10.0 PSF	DRW HCSR487 12072043
BC LL	0.0 PSF	HC-ENG JB/DF
TOT.LD.	40.0 PSF	SEQN- 275625
DUR.FAC.	1.25	
SPACING	24.0"	JREF - 1UKA487_201

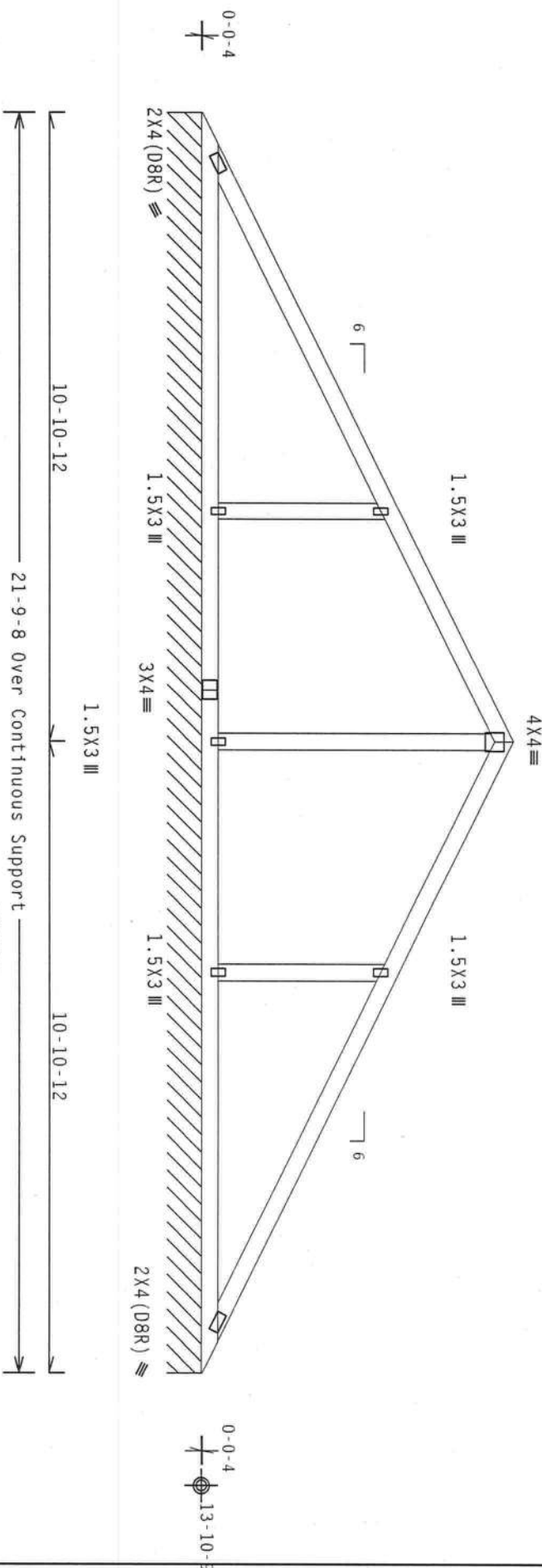
Top chord 2x4 SP M-30
Bot chord 2x4 SP M-30
Webs 2x4 SP #3

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

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

MMFRS loads based on trusses located at least 16.76 ft. from roof edge.

120 mph wind, 16.76 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=5.0 psf, wind BC DL=5.0 psf, 6Cp1(+/-)=0.18
Wind loads and reactions based on MMFRS with additional C&C member design.
See DWG VALL60100212 for valley details.



R=82 PLF U=0 PLF W=21-9-8
RL=3/-3 PLF

PLT TYP. Wave

Design Crit: FBC2010Res/TP1-2007(STD)
FT/RT=10%(0%)/0(0)

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



ITW Building Components Group Inc.

Haines City, FL 33844
FL COA #0278

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information, by IPI and NICA) for best 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 details, unless noted otherwise. Refer to drawings 100-1 for standard plate positions. A seal on the bottom chord of the truss shall be provided. The seal shall be provided by the manufacturer of the truss. The responsibility of the Building Designer per ANSI/TP1 1 Sec.2. For more information see: the general notes page: ITH-BG0: www.ithbg.com; IPI: www.ipiintl.org; NICA: www.sectindustry.com; ICC: www.iccsafe.org



FL/-/4/-/-/R/-		Scale = .375"/Ft.	
TC LL	20.0 PSF	REF	R487-- 52913
TC DL	10.0 PSF	DATE	03/12/12
BC DL	10.0 PSF	DRW	HGUSR487 12072044
BC LL	0.0 PSF	HC-ENG	JB/DF
TOT.LD.	40.0 PSF	SEQN-	275628
DUR.FAC.	1.25		
SPACING	24.0"	JREF	1UKA487_201

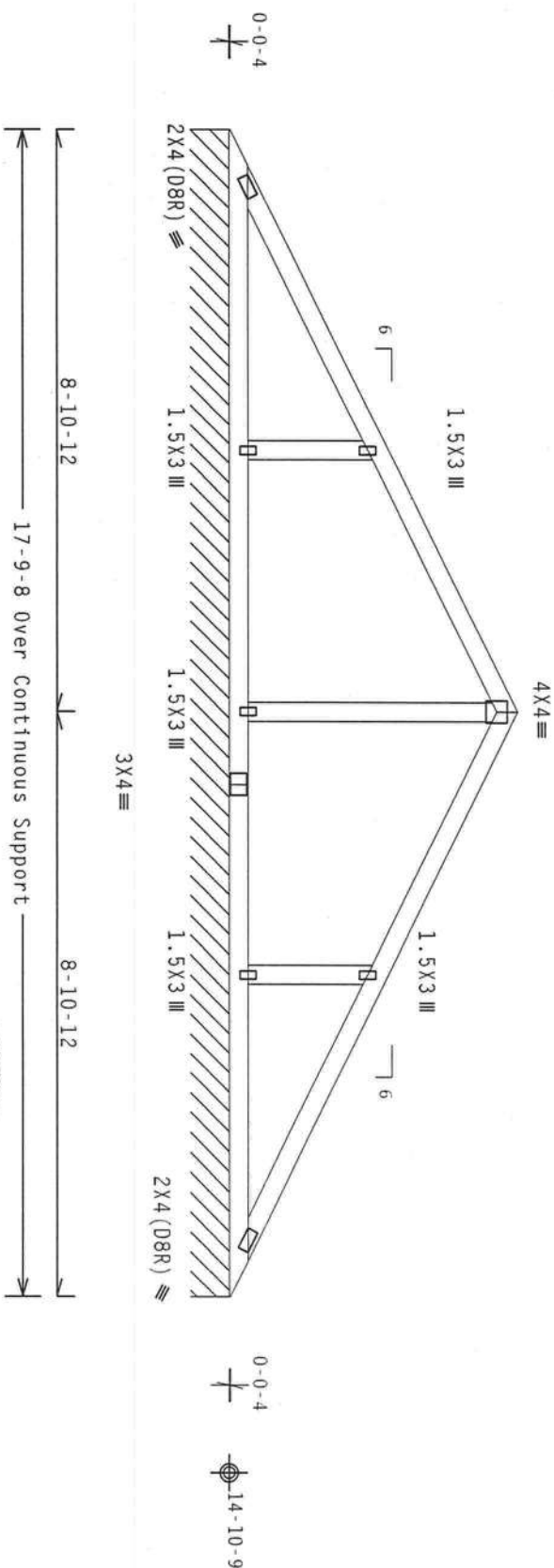
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

120 mph wind, 17.26 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=5.0 psf, wind BC DL=5.0 psf, $G_{Cp1}(+/-)=0.18$

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

See DWG VAL160100212 for valley details.

MFERS loads based on trusses located at least 34.52 ft. from roof edge.



R=82 PLF U=0 PLF W=17-9-8
RL=3/-3 PLF

PLT TYP. Wave

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

10.03.11/0209.20 QTY:

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

Scale = .375"/Ft.

FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

ITW Building Components Group Inc.

Haines City, FL 33844
FL COA #0278

Trusses requiring extreme care in fabricating, handling, shipping, installing and bracing. Refer to a qualified professional engineer for design and engineering. Follow the latest edition of BC31 (Building Component Safety Information, by IPI and WICA) for design and engineering practices prior to performing these functions. Installers shall provide temporary bracing per BC31 and shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint need not be braced. Trusses shall have a bracing installed per BC31 sections B3, E3 or B10, as applicable.

ITW Building Components Group Inc. (IBCG) shall not be responsible for any deviation from this specification. The responsibility for the design and engineering of the trusses shall remain with the building designer. Any failure to build the truss in conformance with ANSI/P1.1, or for handling, shipping, installing, or bracing of trusses. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings B00-2 for standard plate positions. A seal on the bottom flange of the truss shall be applied to the bottom flange of the truss.

IBCG is not responsible for the design, engineering, or use of this design for any structure. The responsibility for the building designer per ANSI/P1.1 Sec.2. For more information see: This Job's general notes page; ITW-BCG: www.itwbcg.com; IPI: www.ipiinst.org; WICA: www.stcindustry.com; ICC: www.iccsafe.org

FLORIDA
STATE OF
PROFESSIONAL ENGINEER
No. 66648
11/02/09, 2010
GLAS FLEMING
LICENSE

TC LL	20.0 PSF	REF	R487-- 52914
TC DL	10.0 PSF	DATE	03/12/12
BC DL	10.0 PSF	DRW	HCSUR487 12072045
BC LL	0.0 PSF	HC-ENG	JB/DF
TOT.LD.	40.0 PSF	SEQN-	275633
DUR.FAC.	1.25		
SPACING	24.0"	JREF -	1UKA487_201

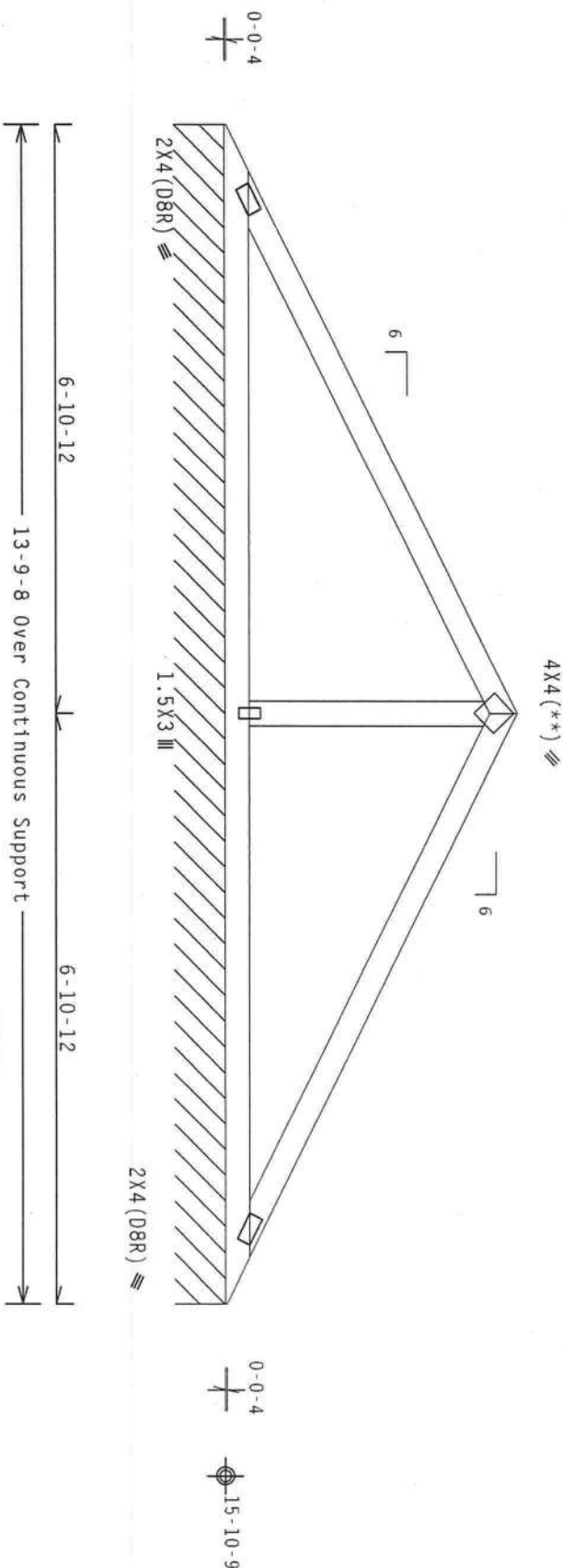
Bottom chord checked for 10.00 psf non-concurrent live load.

See DWG VAL160100212 for valley details.

120 mph wind, 17.76 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=5.0 psf, wind BC DL=5.0 psf, Gcpl (+/-)=0.18

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

MUFRS loads based on trusses located at least 35.52 ft. from roof edge.



Design Crit: FBC2010Res/TP1-2007 (STD)

$$\frac{FT}{RT} = 10\% (0\%) / 0 (0)$$

10.03.11.0209.20 QTY 1

FL/-/4/-/1-/R/-/

Scale = .5"/Ft.

No. 66648

TC LL	20.0 PSF
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TC DL 10.0 PSF

BC DL 10.0 PSF

BC LL 0.0 PSF

TOT ID 40.0 PSE

DIR EAC 1 25

CONTACT NO. 24 011

0.47 DNT 32 Jc

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. Refer to the latest edition of BCSI (Building Component Suppliers' Information, by JPI and NICA) for best practices prior to performing these functions. Installers shall provide temporary bracing and bracing 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 8.67 or B10, as applicable.

11M Building Components Group Inc. (11MBCG) shall not be responsible for any deviation from the instructions, drawings, specifications, and/or details of the product, or for any damage, injury, or loss resulting from the use of the product. The responsibility for the design, construction, and use of this device for any application is the responsibility of the Building Designer. Per ANSI/FP-1 Sec.2. For more information see: This Job's general notes page: 11M-BDG: www.11mcoy.com; www.fpintl.org; www.stcindustry.com; www.11mccare.org

No. 66648

Page 01 of 05

STATE OF NEW YORK
IN SENATE
January 10, 1907.
REPORT
OF THE
COMMISSIONERS OF THE LAND OFFICE,
IN ANSWER TO A RESOLUTION PASSED BY THE SENATE
MAY 18, 1906.
ALBANY:
JAMES BRONKHORST & SONS, PRINTERS.
1907.

STATE OF

FLORIDA

Professional

Journal of the American Statistical Association

	C0-ccccccccc
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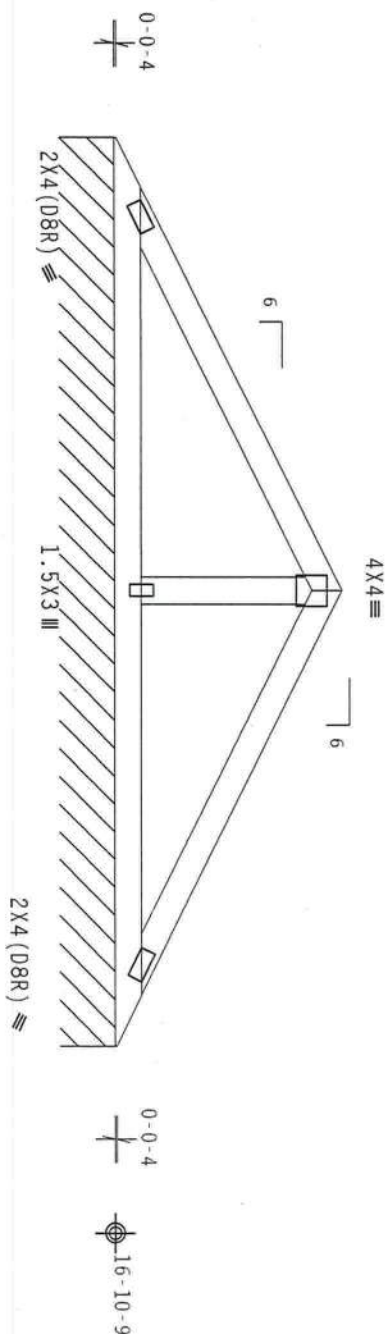
Top chord 2x4 SP M-30
Bot chord 2x4 SP M-30
Webs 2x4 SP #3

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

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

MMFRS loads based on trusses located at least 36.52 ft. from roof edge.

120 mph wind, 18.26 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-5.0 psf, wind BC DL-5.0 psf, GCpt (+/-)-0.18
Wind loads and reactions based on MMFRS with additional C&C member design.
See DWG VAL160100212 for valley details.



R=82 PLF U-0 PLF M=9-9-8
RL=3/-3 PLF

PLT TYP. Wave

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

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 the latest edition of BCSI (Building Component Safety Information, by TPI and NICA) for practices prior to performing these functions. Installers shall provide temporary bracing per code unless noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have bracing installed per BCSI sections 83, 87 or 810, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design of trusses. Apply plates to each end of truss and position as shown and on the joint. ITWBCG shall not be responsible for any deviation from the design of trusses. 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: the general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpiinc.org; NICA: www.stcindustry.com; ITC: www.itcinfo.org

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844
FL COA #0278



FL/-/4/-/-/R/-	Scale = .5"/ft.
TC LL 20.0 PSF	REF R487-- 52916
TC DL 10.0 PSF	DATE 03/12/12
BC DL 10.0 PSF	DRW HCUR487 12072047
BC LL 0.0 PSF	HC-ENG JB/DF
TOT.LD. 40.0 PSF	SEQN- 275643
DUR.FAC. 1.25	
SPACING 24.0"	JREF- 1UKA487_201

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

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

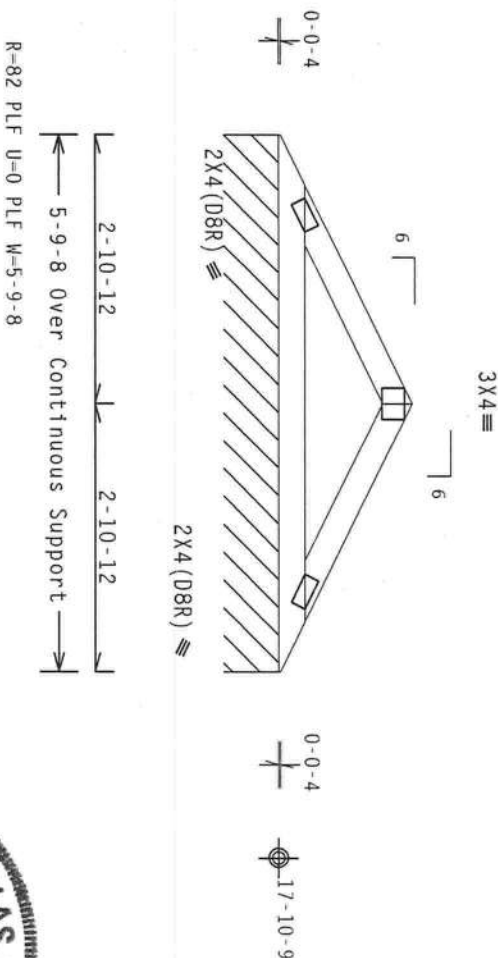
Deflection meets $L/240$ live and $L/180$ total load. Creep increase factor for dead load is 1.50.

MMFRS loads based on trusses located at least 18.76 ft. from roof edge.

120 mph wind, 18.76 ft mean ht, ASCE 7-10, CLOSED bldg, located anywhere in roof, RISK CAT II, Exp B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Gcpl(+/-)=0.18

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

See DWG VAL160100212 for valley details.



PLT TYP. Wave

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

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

Insurers requiring extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BC31 (Building Component Safety Information, by IPI and NICA) for best practices noted or to performing these functions. Installers shall provide temporary bracing per the manufacturer's instructions. If the manufacturer's instructions do not specify bracing, the contractor shall have a property attached rigid ceiling. Locations shown for permanent lateral restraint shall have bracing installed per BC31 sections B3, B or B10, as applicable.

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844
FL COA #0278

[illegible]

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

Scale = .5" / Ft.

TC LL	20.0 PSF	REF	R487-- 52917
TC DL	10.0 PSF	DATE	03/12/12
BC DL	10.0 PSF	DRW	HCSR487 12072048
BC LL	0.0 PSF	HC-ENG	JB/DF
TOT.LD.	40.0 PSF	SEON-	275646
DUR.FAC.	1.25		
SPACING	24.0"	JREF -	1UKA487_201

Top chord 2x4 SP M-30
Bot chord 2x4 SP M-30
Webs 2x4 SP #3

(a) Continuous lateral bracing equally spaced on member.

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

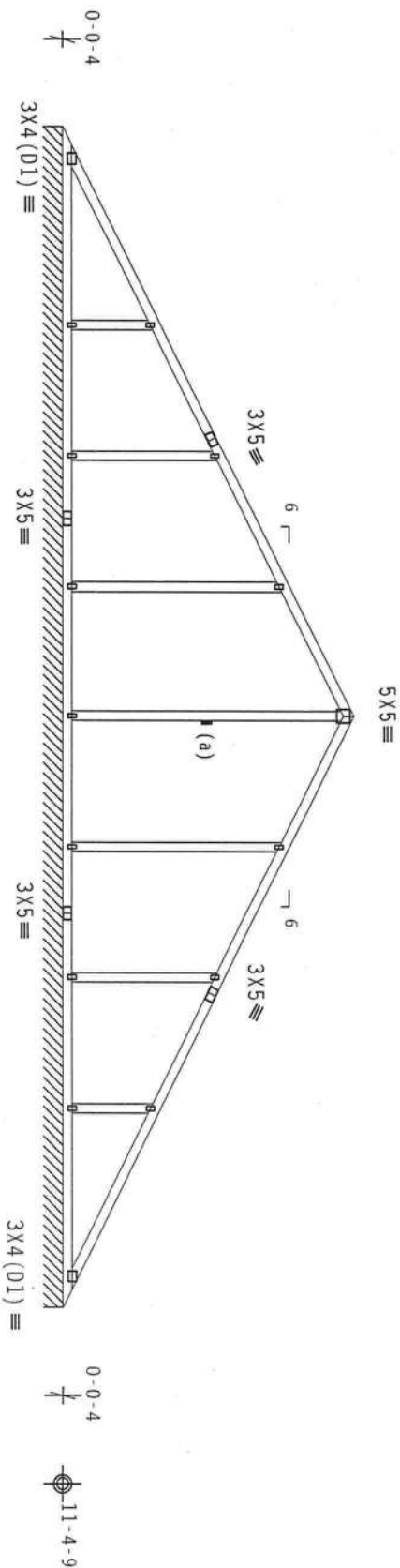
See DWG VAL160100212 for valley details.

MMFRS loads based on trusses located at least 32.10 ft. from roof edge.

120 mph wind, 16.05 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-5.0 psf, wind BC DL-5.0 psf. GCpt (+/-)-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.



R-82 PLF U=0 PLF W=36-1-8
RL=4/-4 PLF

Note: All Plates Are 1.5X3 Except As Shown.

Design Crit: FBC2010Res/TP1-2007(STD)

PLT TYP. Wave

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information, by IPI and NICA) for 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 or shall have bracing installed per BCSI sections 83, 87 or 810, as applicable.

The Building Components Group Inc. (IBCG) shall not be responsible for any deviation from this design or for any failure of the truss in accordance with ASCE/TP1-1, or for handling, shipping, installing, or bracing of the truss. The user of this design shall be responsible for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ASCE/TP1 1 Sec.2. For more information see: This Job's general notes page: IBCG: www.ibcg.com; IPI: www.ipiinst.org; NICA: www.abctindustry.com; IBC: www.ibcsafe.org

ALPINE

ntw Building Components Group Inc.

Haines City, FL 33844
FL COA #0 278

10.00.11.0209.20
No. 066848
DOUGLAS FLEMING
LICENSE
STATE OF FLORIDA
PROFESSIONAL ENGINEER
03/12/2012

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

Scale = .1875"/ft.

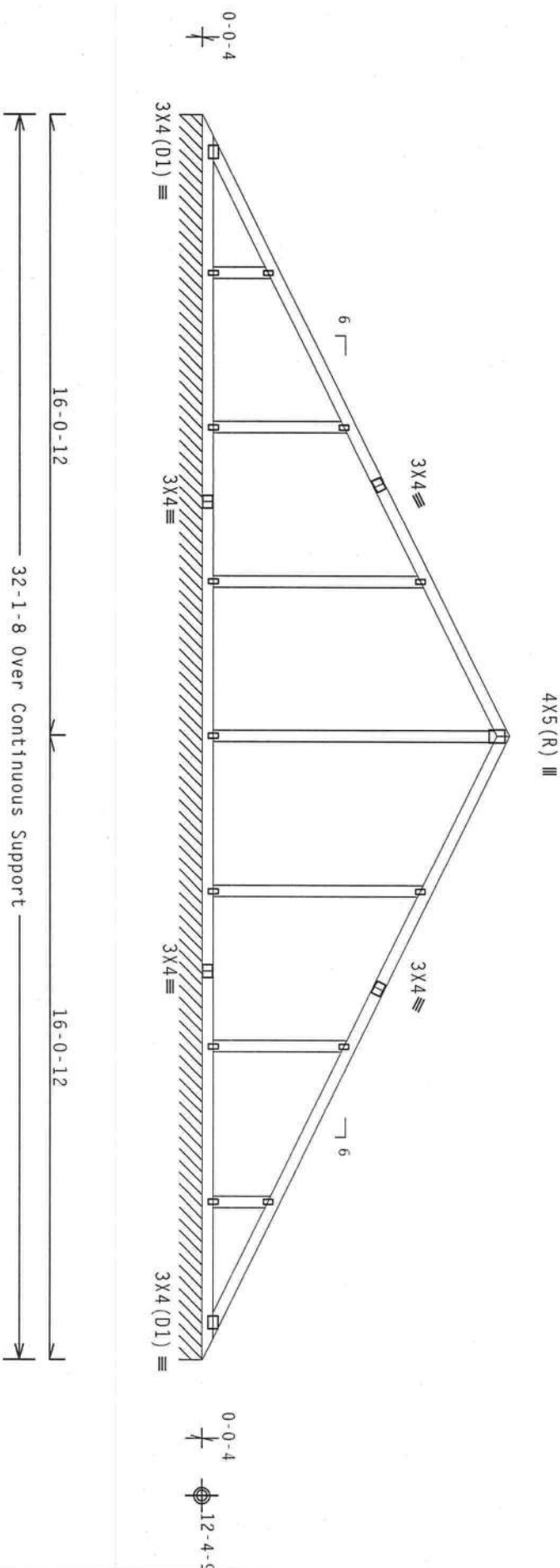
TC LL	20.0 PSF	REF R487-- 52918
TC DL	10.0 PSF	DATE 03/12/12
BC DL	10.0 PSF	DRW HCUSR487 12072049
BC LL	0.0 PSF	HC-ENG JB/DF
TOT.LD.	40.0 PSF	SEON- 275691
DUR.FAC.	1.25	
SPACING	24.0"	JREF - 1UKA487_201

120 mph wind, 16.55 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-5.0 psf Wind BC DL=5.0 psf. Gcpl(+/-)=0.18

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

See DWG VAL160100212 for valley details.

MFERS loads based on trusses located at least 33.10 ft. from roof edge.



Scale = .25" / Ft.

REF R487-- 529

ITW Building Components Group Inc.

Haines City, FL 33844
FL COA #0278

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSP (Building Component Safety) Information, by TPI and WCA, for safety practices prior to performing these functions. Installer shall provide temporary bracing protecting the trusses until the roof sheathing is installed. Trusses shall be braced in accordance with the following: Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have bracing installed per BCSP sections 85, 87 or B10, as applicable.

11th Building Components Group, Inc. (11thBG) shall not be responsible for any deviation from any failure to build the truss in conformance with ANSI/P1, 1 or for handling, shipping, installing or bracing of trusses. 11thBG shall not be responsible for any deviation from the design, drafting or cover plans. Listing of trusses on the 11thBG website does not constitute an endorsement or cover plans listing this design. The availability and use of this design 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; 11thBG: www.11thbg.com; TPI: www.tpinet.org; WCA: www.sectindustry.com; ICC: www.iccsafe.org

STATE OF FLORIDA
PROFESSIONAL ENGINEER
No. 12507
12/2/2012

TC LL	20.0 PSF	REF R487-- 52919
TC DL	10.0 PSF	DATE 03/12/12
BC DL	10.0 PSF	DRM HCUR487 12072050
BC LL	0.0 PSF	HC-ENG JB/DF
TOT.LD.	40.0 PSF	SEQN- 275694
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1UKA487_201

120 mph wind, 17.05 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=5.0 psf wind BC DL=5.0 psf. GCPI(+/-)=0.18

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

See DWG VAL160100212 for valley details.

MFIRS loads based on trusses located at least 34.10 ft. from roof edge.



Design Crit: FBC2010Res/TPI-2007(Std)

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

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

Scale = .25"/Ft.

FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

Insurers requiring extreme care in fabricating, handling, shipping, installing and practicing. Refer to the latest edition of BCSI (Building Component Safety Information, by JPI and NICA) for detailed 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 web shall have bracing installed per BCSI sections 8. 67 or B10, as applicable.

ITW Building Components Group Inc.

Haines City, FL 33844
FL COA #0278



TC LL	20.0 PSF	REF R487-- 52920
TC DL	10.0 PSF	DATE 03/12/12
BC DL	10.0 PSF	DRM HCUR487 12072051
BC LL	0.0 PSF	HC-ENG JB/DF
TOT.LD.	40.0 PSF	SEQN- 275697
DUR.FAC.	1.25	
SPACING	24.0"	JREF - IUKA487_201

120 mph wind, 17.55 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=5.0 psf, wind BC DL=5.0 psf, GCp1 (+/-)=0.18

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

See DWG VAL160100212 for valley details.

MMFRS loads based on trusses located at least 35.10 ft. from roof edge.

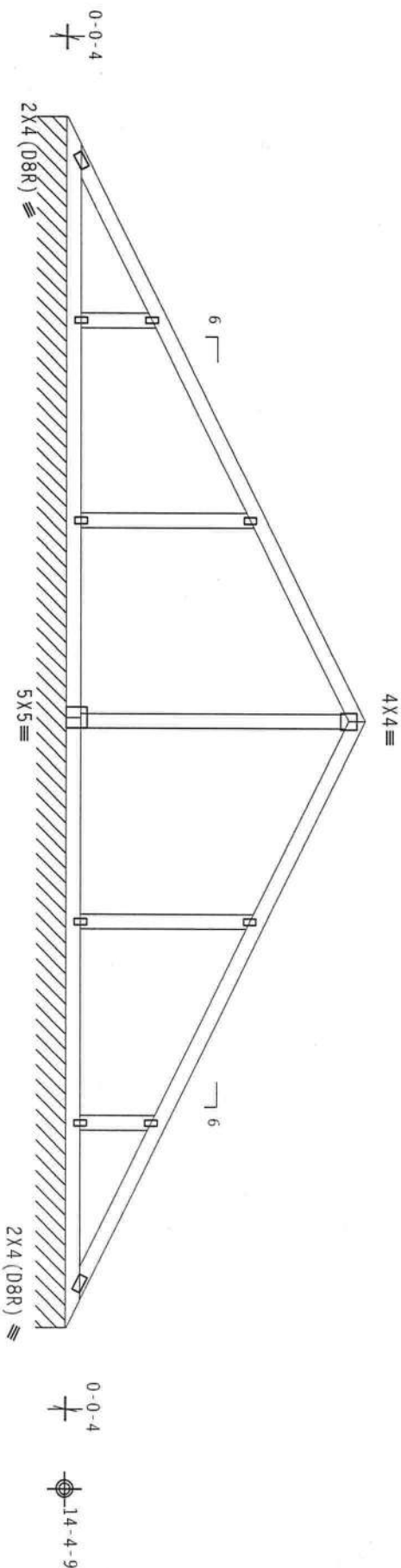


Diagram of a continuous beam with three supports. The beam is divided into two equal spans of 12'-0" each. The left span is labeled "12-0-12" and the right span is labeled "12-0-12". The entire beam is labeled "24-1-8 Over Continuous Support".

Design Crit: FBC2010Res/TP1-2007 (STD)

$$\overline{FT/RT}=10\%(0\%)/0(0)$$

10:03.11/0209.20 QT

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

Scale = .3125" / Ft.

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

Insurers require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information, by IPI and IBCA) for best practices prior to performing these functions. Installers shall provide temporary bracing per code unless noted otherwise. Two chord walls have property attached structural sheathing and bracing and shall have bracing installed per BCSI section B3. B3 or B10, as applicable.

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844
FL COA #0278

general notes page: 11W-8CG: www.11w8cg.com; FPI: www.fpiinst.org; NICA: www.sbcindustry.com
ICC: www.iccsafe.org

No. 66648
 STATE OF
 FLORIDA
 PROFESSIONAL ENGINEER
 09/22/2012

TC LL	20.0 PSF	REF R487-- 52921
TC DL	10.0 PSF	DATE 03/12/12
BC DL	10.0 PSF	DRW HCUSR487 12072052
BC LL	0.0 PSF	HC-ENG JB/DF
TOT.LD.	40.0 PSF	SEON- 275702
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1UKA487_201

Top chord 2x4 SP M-30
Bot chord 2x4 SP M-30
Webs 2x4 SP #3

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

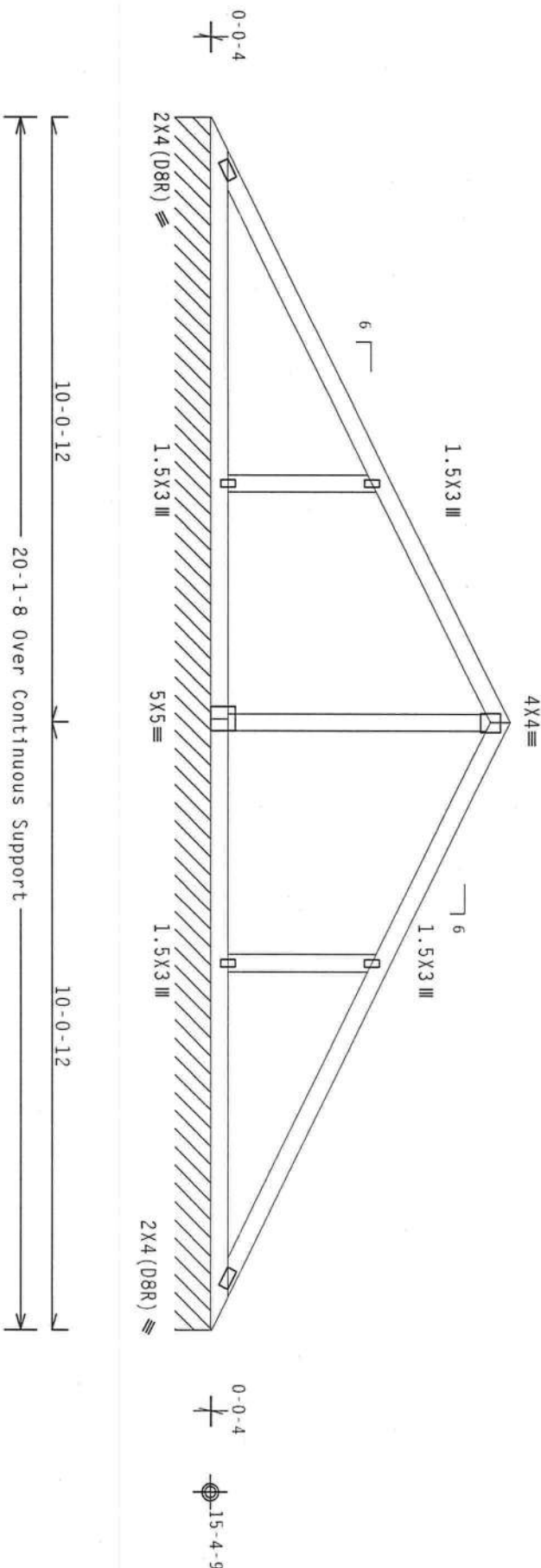
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

MMFRS loads based on trusses located at least 36.10 ft. from roof edge.

120 mph wind, 18.05 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=5.0 psf, wind BC DL=5.0 psf, GCPI(+/-)=0.18

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

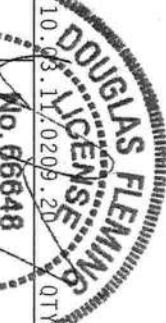
See DWG VAL160100212 for valley details.



R=82 PLF U=0 PLF W=20-1-8
RL=3/-3 PLF

PLT TYP. Wave

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



TC LL	20.0 PSF	REF R487-- 52922
TC DL	10.0 PSF	DATE 03/12/12
BC DL	10.0 PSF	DRW HCUR487 12072053
BC LL	0.0 PSF	HC-ENG JB/DF
TOT.LD.	40.0 PSF	SEQN- 2/5/07
DUR.FAC.	1.25	
SPACING	24.0"	JREF - 1UKA487_201

Scale = .375"/ft.

ALPINE

RTW 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 the latest edition of BCSI (Building Component Safety) Information, by TPI and WICKI for detailed 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 8.1, 8.2 or 8.10, as applicable.
The Building Components Group Inc. (BCSI) shall not be responsible for any deviation from the manufacturer's instructions for handling, shipping, installing, or bracing of the trusses. The manufacturer's instructions shall be followed for all details, unless noted otherwise. Refer to drawings 1600-2 for standard plate positions. A seal of approval is provided 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; TPI-BCSI: www.tpi-bcsi.com; TPI: www.tpiinc.org; WICKI: www.wickiindustry.com; BCSI: www.bcsi.org

Top	chord	2x4	SP	M-30
Bot	chord	2x4	SP	M-30
	webs	2x4	SP	#3

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

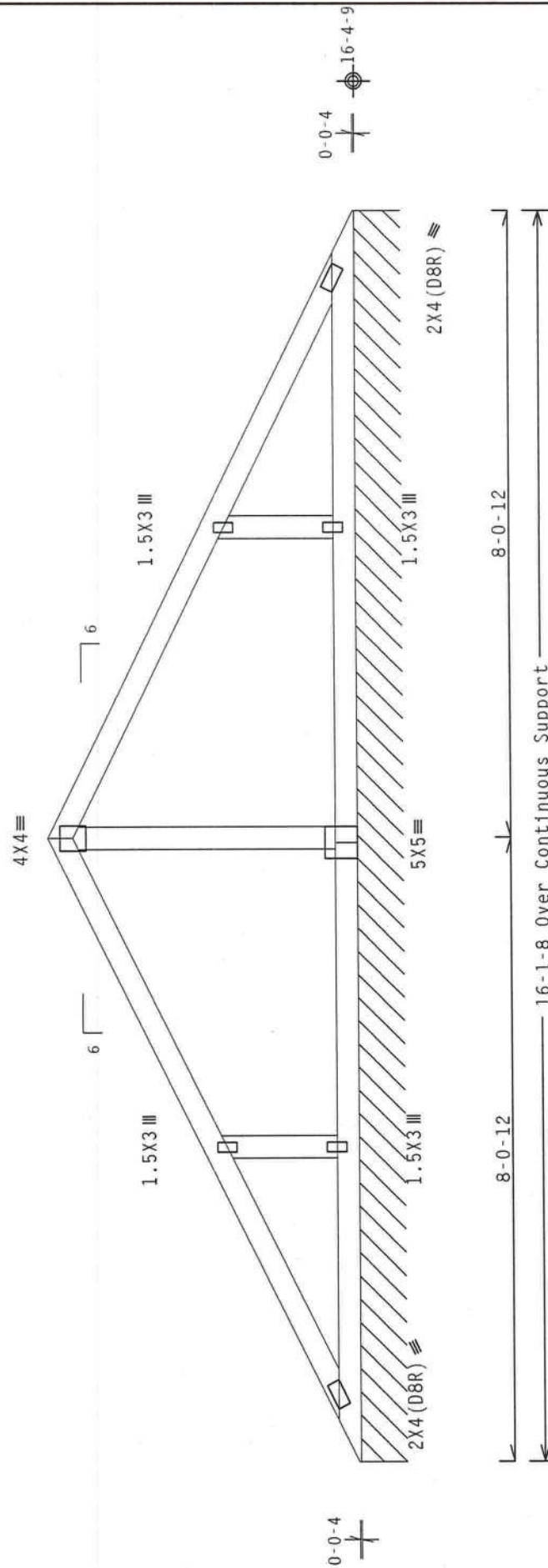
Deflection meets L/240^{live} and L/180 total load. Creep increase factor for dead load is 1.50.

MMWFRS loads based on trusses located at least 37.10 ft. from roof edge.

120 mph wind, 18.55 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=5.0 psf, wind BC DL=5.0 psf. GCpf (+/-)=0.18

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

See DWG VAL160100212 for valley details.



R=82 PLF U=0 PLF W=16-1-8
RL=3/-3 PLF

PLT TYP. Wave

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

FL / - / 4 / - / - / R / - Scale = .5" / Ft.

PLI ITP. Wave

ALPINE

ITW Building Components Group Inc.
Haines City, FL 33844

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information, by IPI and NICA) for best practices prior to performing these functions. Installers shall provide temporary bracing per NICA unless noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. All locations noted for structural lateral restraint shall have bracing installed per BCSI Section B3.5, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design or any failure to build the truss in accordance with the design. The responsibility of professional engineering rests with the engineer of record. The responsibility 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 drawing or cover page listing this drawing. Indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/IPI 1 Sec.2. For more information see: This Job's general notes page: ITW-BCG: www.itwbcg.com; NICA: www.nicaindustry.com;

No. 66648

STATE OF FLORIDA

PROFESSIONAL ENGINEER

REGISTERED TO SEAL
EXPIRATION DATE 03/12/2012

TC LL	20.0	PSF	REF	R487 --	52923
TC DL	10.0	PSF	DATE	03/12/12	
BC DL	10.0	PSF	DRW	HCUSR487	12072054
BC LL	0.0	PSF	HC-ENG	JB/DF	
TOT.LD.	40.0	PSF	SEQN-	275710	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	1UKA487_Z01	

(12-051--Fill in later WESTSIDE COMMUNITY CENTER --, ** - CV7)

Top chord 2x4 SP M-30
Bot chord 2x4 SP M-30
Webs 2x4 SP #3

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

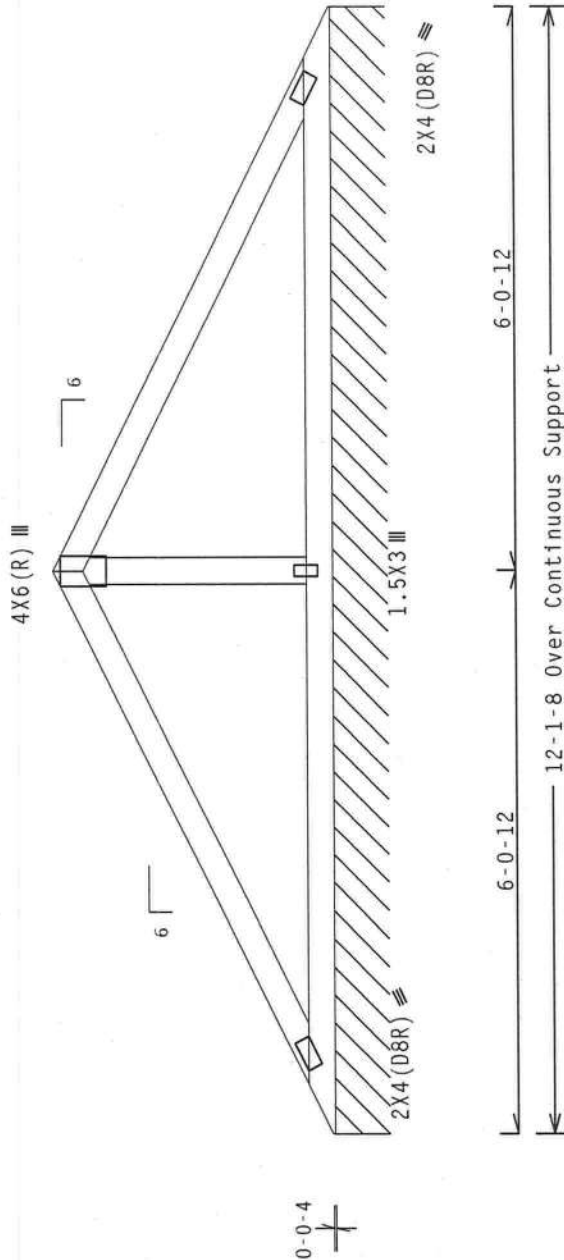
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

MWFRS loads based on trusses located at least 19.05 ft. from roof edge.

120 mph wind, 19.05 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=5.0 psf, wind BC DL=5.0 psf. GCPI(+/-)=0.18

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

See DWG VAL160100212 for valley details.



R-82 PLF U=0 PLF W=12-1-8
RL=3/-3 PLF

PLT TYP. Wave

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

Scale = .5" / Ft.

FL/-4/-/-R/-

TC LL	20.0 PSF	REF	R487-- 52924
TC DL	10.0 PSF	DATE	03/12/12
BC DL	10.0 PSF	DRW	HCUSR487 12072055
BC LL	0.0 PSF	HC-ENG	JB/DF
TOT.LD.	40.0 PSF	SEQN	275713
DUR.FAC.	1.25		
SPACING	24.0"	JREF	1UKA487_Z01

DOUGLAS FLEMING
LICENSE
No. 66648
STATE OF FLORIDA
PROFESSIONAL ENGINEER
08/12/2012

IMPORTANT** READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the manufacturer's instructions for detailed information. BCS (Building Component Safety Information, by TPI and NICA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per the manufacturer's instructions. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have bracing installed per BCS sections B3, B7 or B10, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing, bracing or covering the truss. Apply plates to each face of truss and position as shown above and on the job. Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on the drawing or cover page listing this drawing. The manufacturer's name and address. The manufacturer's 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; NICA: www.nicaindstry.com; ICC: www.iccsafe.org

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

(12-051--Fill in later WESTSIDE COMMUNITY CENTER --, ** - CV8)

Top chord 2x4 SP M-30
Bot chord 2x4 SP M-30
Webs 2x4 SP #3

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

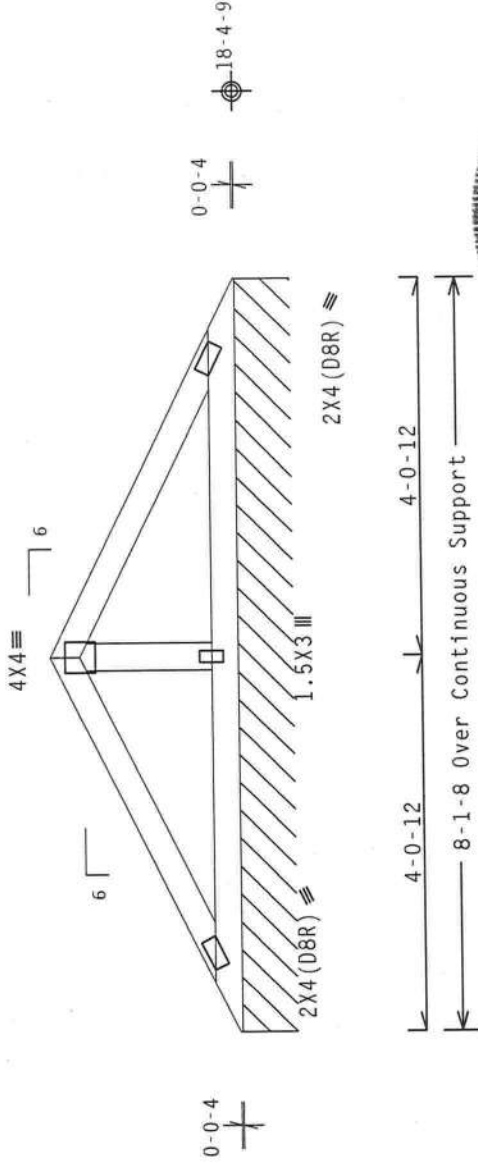
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

MWFRS loads based on trusses located at least 19.55 ft. from roof edge.

120 mph wind, 19.55 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, GCPI(+/-)-0.18

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

See DWG VAL160100212 for valley details.



R-82 PLF U-0 PLF W-8-1-8
RL=3/-3 PLF

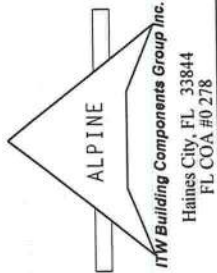
Design Crit: FBC2010Res/TPI-2007(STD)
FT/RT=10%(0%) / 0(0)

PLT TYP. Wave

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET.

IMPORTANT FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information) for details on bracing practices prior to performing these functions. Installers must follow the bracing per BCSI unless noted otherwise. Trusses are not to be used for any other purpose. Trusses shall have bracing installed per BCSI sections 83, 87 or 810, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or any other deviation from the design shown. The suitability and use of this information is the responsibility of the Building Designer. Refer to the BCSI website for more information. This Job's general notes page: <http://www.itwbcg.com>; TPI: www.tpinat.org; NICA: www.nicaindustry.com; ICC: www.iccsafe.org



Scale = .5"/Ft.

FL / - / 4 / - / - / R / -	TC LL	20.0 PSF	REF	R487 - -	52925
	TC DL	10.0 PSF	DATE	03/12/12	
	BC DL	10.0 PSF	DRW	HCUSR487	12072056
	BC LL	0.0 PSF	HC-ENG	JB/DF	
	TOT.LD.	40.0 PSF	SEQN-	275716	
	DUR.FAC.	1.25			
	SPACING	24.0"	JREF-	1UKA487_Z01	

(12-051--Fill in later WESTSIDE COMMUNITY CENTER --, ** - CV9)

Top chord 2x4 SP M-30
Bot chord 2x4 SP M-30

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

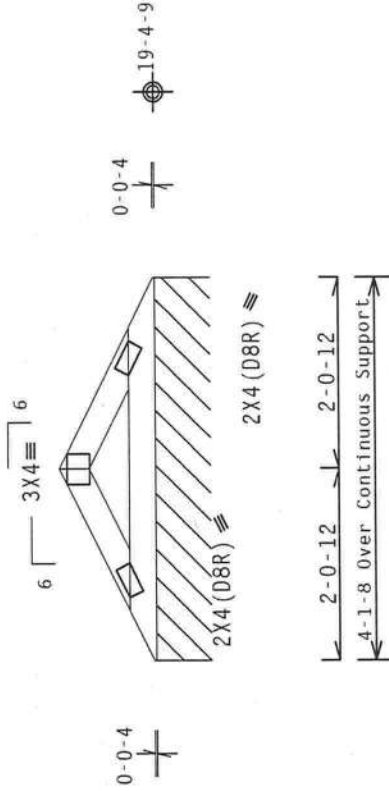
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

MWFRS loads based on trusses located at least 20.05 ft. from roof edge.

120 mph wind, 20.05 ft mean hgt, ASCE 7-10, CLOSED bldg, located anywhere in roof. RISK CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCPI(+/-)=0.18

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

See DWG VALL60100212 for valley details.



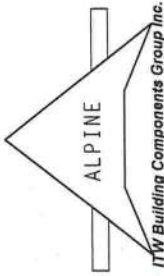
R-82 PLF U=0 PLF W=4-1-8

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

PLT TYP. Wave

FL/-4/-/-R/-

Scale = .5" / Ft.

 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 the notes on this drawing for details of BCSI Building Component Safety Information, by TPI and NICA for best 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 this design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the joint. Details, unless noted otherwise. Refer to drawings 1004-2 for standard plate positions. This drawing or cover page listing this drawing. 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; NICA: www.sbcindustry.com; ICC: www.iccsafe.org				QTY: 10.08.11.0208.20							
	DOUGLAS FLEMING LICENSE No. 66648				FL/ - 4 / - / - R / -							
	STATE OF FLORIDA PROFESSIONAL ENGINEER				TC LL 20.0 PSF							
	12/2012				TC DL 10.0 PSF							
					BC DL 10.0 PSF							
					BC LL 0.0 PSF							
					TOT.LD. 40.0 PSF							
					DUR.FAC. 1.25							
					SPACING 24.0"							
					JREF - 1UKA487_Z01							

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	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.

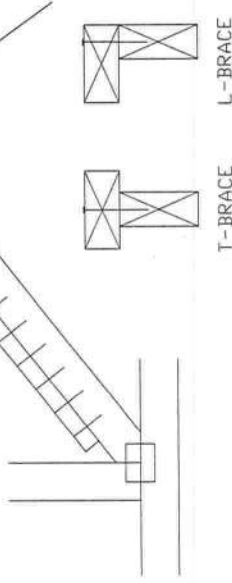
(*) CENTER SCAB ON WIDE FACE OF WEB. APPLY (1) SCAB TO EACH FACE OF WEB.

T-BRACING

OR

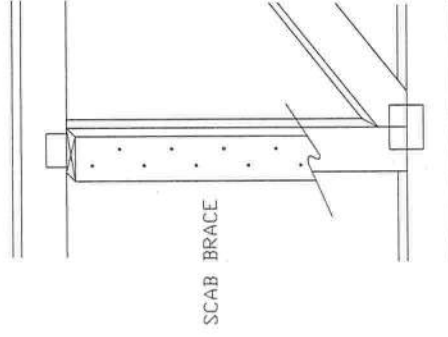
L-BRACING:

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



Building Components Group Inc.

Earth City, MO 63045

*****WARNING***** READ AND FOLLOW ALL NOTES ON THIS SHEET. Trusses require extreme care in handling, shipping, installing and bracing. Refer to and follow the manufacturer's instructions for proper handling, shipping, installing and bracing. Trusses are not to be used for any purpose other than that for which they were designed. Trusses are not to be used for any purpose other than that for which they were designed. Trusses are not to be used for any purpose other than that for which they were designed.

*****IMPORTANT***** FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design, any failure to build the truss in conformance with TPI, or fabrication, handling, shipping, installing & bracing of trusses. ITWBCG connector plates are made of 2018/16GA (24H/5X) ASTM A36 steel and on this design or cover page indicates acceptance and professional engineering responsibility solely for the truss component design shown. The suitability and use of this component for any building is the responsibility of the Building Designer per ANSI/TPI 1 Sec 2.

ITW-BCG ***itwbcg.com, TPI ***tpinet.com, VTC ***www.structure.com, ICC ***iccsafe.org



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			

Gable Stud Reinforcement Detail

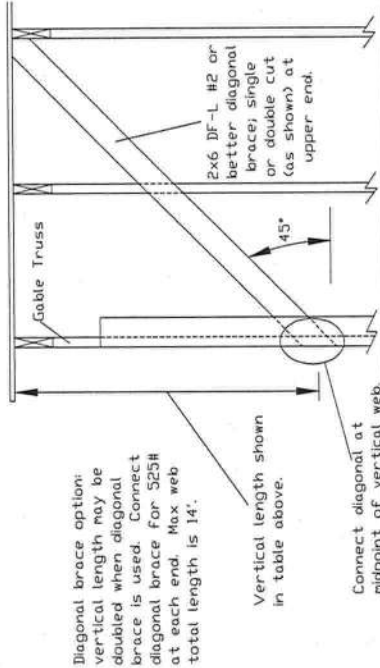
ASCE 7-10: 140 mph Wind Speed, 30' Mean Height, Enclosed, Exposure C, Kzt = 1.00

Or: 120 mph Wind Speed, 30' Mean Height, Partially Enclosed, Exposure C, Kzt = 1.00

Or: 120 mph Wind Speed, 30' Mean Height, Enclosed, Exposure D, Kzt = 1.00

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

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



Refer to chart above for max gable vertical length.

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

IMPORTANT: 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 VITA) 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 insulation and sheathing. 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.

ITV Building Components Group Inc. shall not be responsible for any deviation from this drawing, or failure to build the truss according to the ANSI/TPI 1 for handling, shipping, installation & bracing. The responsibility for the accuracy of this drawing and 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: www.itvbcg.com, www.tpi.org, www.vita.org, www.bcsi.org, www.woodcraft.org, www.woodcraft.org



Building Components Group Inc.

Earth City, MO 63045

Bracing Group Species and Grades:	
Group A:	
Spruce-Pine-Fir	Hen-Fir
#1 / #2	#2
Standard	Standard
Douglas Fir-Larch	Southern Pine***
#3	#3
Standard	Standard
Group B:	
Spruce-Pine-Fir	Hen-Fir
#1 & Btr	#1
Douglas Fir-Larch	Southern Pine***
#1	#1
#2	#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 100 plf over continuous bearing (3 psf TC Dead Load).
- Gable end supports load from 4' o'c outliners with 2' o' overhang, or 12' plywood overhang.
- So. Pine lumber design values based on the ALSC January, 2012 rule.
- 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"	15X4
Greater than 4' 0", but less than 11' 6"	25X4
Greater than 11' 6"	35X4
+ Refer to common truss design for peak, splice, and heel plates.	

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

REF	ASCE7-10-GABI4030
DATE	2/14/12
DRWG	A14030ENC100212

MAX. TOT. LD.	60 PSF
MAX. SPACING	24.0"

Piggyback Detail - ASCE 7-10: 160 mph, 30' Mean Height, Enclosed, Exposure C, Kzt=1.00

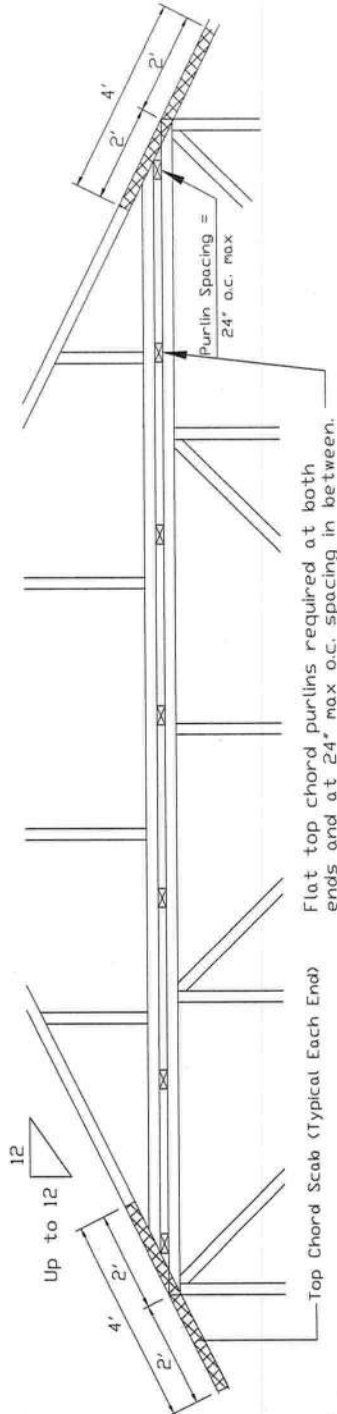
160 mph Wind, 30.00 Ft Mean Hgt, ASCE 7-10, Enclosed Bldg, located anywhere in roof, Exp C, Wind DL = 5.0 psf (min), Kzt=1.0, Dr-140 mph wind, 30.00 Ft Mean Hgt, ASCE 7-10, Enclosed Bldg, located anywhere in roof, Exp D, wind DL = 5.0 psf (min), Kzt=1.0.

Note: Top chords of trusses supporting piggyback cap trusses must be adequately braced by sheathing or purlins. The building Engineer of Record shall provide diagonal bracing or any other suitable anchorage to permanently restrain purlins, and lateral bracing for out of plane loads over gable ends.

Maximum truss spacing is 24' o.c. detail is not applicable if cap supports additional loads such as cupola, steeple, chimney or drag strut loads.

Refer to Engineer's sealed truss design drawing for piggyback and base truss specifications.

Detail A : Purlin Spacing = 24" o.c. or less

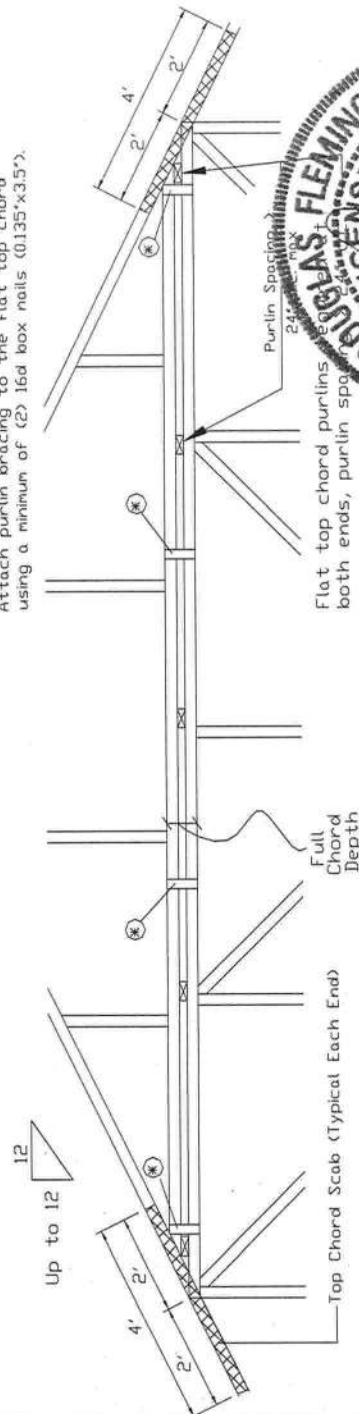


Piggyback cap truss slant nailed to all top chord purlin bracing with (2) 16d box nails (0.135"x3.5") and secure top chord with 2x4 #3 grade scab (1 side only at each end) attached with 2 rows of 10d box nails (0.128"x3") at 4' o.c.

Attach purlin bracing to the flat top chord using (2) 16d box nails (0.135"x3.5").

The top chord #3 grade 2x4 scab may be replaced with either of the following: (1) 3X8 Trulux plate attached with (8) 0.120"x1.375" nails, (4) into cap TC & (4) into base truss TC or (1) 28PB wave piggyback plate attached to the piggyback truss TC and attached to the base truss TC with (4) 0.120"x1.375" nails. Note: Nailing thru holes of wave plate is acceptable.

Detail B : Purlin Spacing > 24" o.c.



Piggyback cap truss slant nailed to all top chord purlin bracing with (2) 16d box nails (0.135"x3.5") and secure top chord with 2x4 #3 grade scab (1 side only at each end) attached with 2 rows of 10d box nails (0.128"x3") at 4' o.c.

Attach purlin bracing to the flat top chord using a minimum of (2) 16d box nails (0.135"x3.5").

* In addition, provide connection with one of the following methods:

Trulux
Use 3X8 Trulux plates for 2x4 chord member, and 3X10 Trulux plates for 2x6 and larger chord members. Attach to each face @ 8' o.c. with (4) 0.120"x1.375" nails into cap bottom chord and (4) in base truss top chord. Trulux plates may be staggered 4' o.c. front to back faces.

APA Rated Gusset
8"x8"x7/16" (min) APA rated sheathing gussets (each face). Attach @ 8' o.c. with (8) 6d common (0.113"x2") nails per gusset, (4) in cap bottom chord and (4) in base truss top chord. Gussets may be staggered 4' o.c. front to back faces.

2x4 Vertical Scabs
2x4 SPF #2, full chord depth scabs (each face). Attach @ 8' o.c. with (6) 10d box nails (0.128"x3") per scab, (3) in cap bottom chord and (3) in base truss top chord. Scabs may be staggered 4' o.c. front to back faces.

28PB Wave Piggyback Plate
One 28PB wave piggyback plate to each face @ 8' o.c. Attach to cap bottom chord at time of fabrication. Attach to supporting truss with (4) 0.120"x1.375" nails per face per ply. Piggyback plates may be staggered 4' o.c. front to back faces.

Note: If purlins or sheathing are not specified on the flat top of the base truss, purlins must be installed at 24" o.c. max. and use Detail A.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSP (Building Component Safety Information, by IP1 and VICA) for practices prior to performing these functions. Installers shall provide temporary bracing unless noted otherwise. Top chord bracing shall be provided for all trusses and bottom chord bracing shall be provided for all trusses. Locations shown for permanent lateral resistance of webs shall have bracing installed per BCSP 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, or failure to build the truss in conformance with ANSI/IP1 1, or for handling, shipping, installation, or 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/IP1 1 Sec2. For more information see this job's general notes pages and drawings. ITWBCG #siteinfo@itwbcg.com, IP1: www.ip1.com, VICA: www.vicaindustrial.org, ICC: www.iccsafe.org



Building Components Group Inc.

Earth City, MO 63045

REF PIGGYBACK
DATE 2/14/12
DRWG PB160100212

SPACING 24.0"

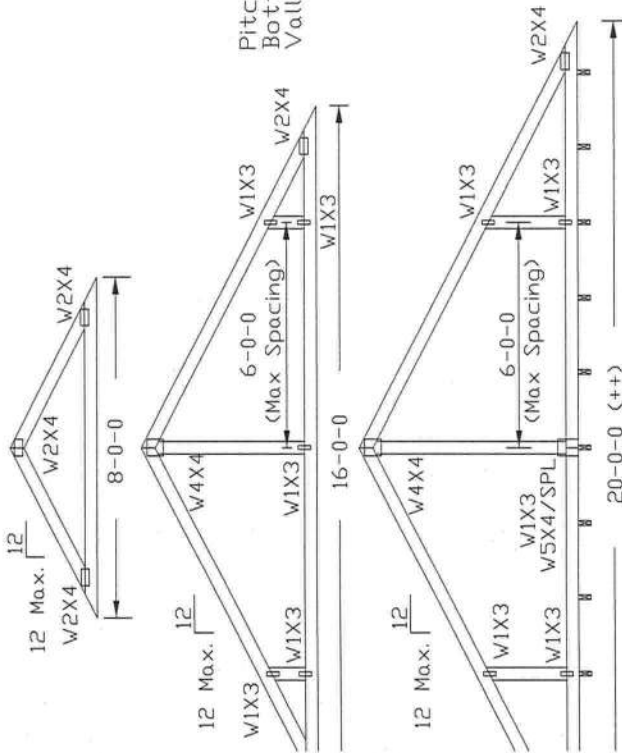


Valley Detail - ASCE 7-10: 160 mph, 30' Mean Height, Enclosed, Exp. C, Kzt=1.00

Top Chord 2x4 SP #2N, SPF #1/#2, DF-L #2 or better.
 Bot Chord 2x4 SP #2N or SPF #1/#2 or better.
 Webs 2x4 SP #3, SPF #1/#2, DF-L #2 or better.

** Attach each valley to every supporting truss with:
 (2) 16d box (0.135" x 3.5") nails toe-nailed for
 ASCE 7-10 160 mph. 30' Mean Height, Enclosed
 Building, Exp. C, Wind TC DL=5 psf, Kzt = 1.00
 Or
 ASCE 7-10 140 mph. 30' Mean Height, Enclosed
 Building, Exp. D, Wind TC DL=5 psf, Kzt = 1.00

Cut from 2x6 or
 larger as req'd



Supporting trusses at 24' o.c. maximum spacing.

Unless specified on engineer's sealed design, apply 1x4 "T" brace, 80% length of web, same species and SRB grade or better, attached with 8d box (0.113" x 2.5") nails at 6" o.c., or continuous lateral bracing, equally spaced, for vertical valley webs greater than 7'-9".

For verticals over 10'-0" tall, apply (2) 1x4 "T" braces, 80% length of web, same species and SRB grade or better, attached with 8d box (0.113" x 2.5") nails @ 6" o.

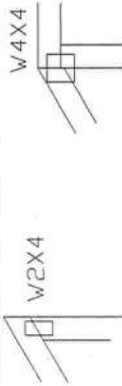
Top chord of truss beneath valley set must be braced with: properly attached, rated sheathing applied prior to valley truss installation.

Or
 Purlins at 24" o.c. or as otherwise specified on Engineer's sealed design
 Or
 By valley trusses used in lieu of purlin spacing as specified on Engineer's sealed design.

*** Note that the purlin spacing for bracing the top chord of the truss beneath the valley is measured along the slope of the top chord.

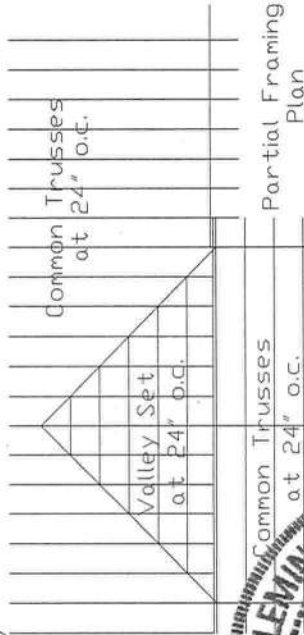
** Larger spans may be built as long as the vertical height does not exceed 14'-0".

Bottom chord may be square or pitched cut as shown.



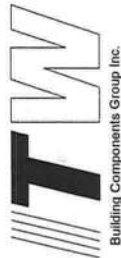
Pitched Cut Bottom Valley
 Square Cut Bottom Valley
 Toe-nailed
 Purlin Spacing

Stubbed Valley End Detail
 Optional Hip Joint 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 and follow the latest edition of BCSI Building Component Safety Information, by and for the Building Components Group Inc. for all details and instructions. Trusses shall be installed in accordance with the design shown. The suitability and use of this drawing for any other purpose than that intended is the responsibility of the user. For more information see this job's general notes page and these web sites: ITVBGSG: www.itvbgs.com, TPI: www.tpinet.org, VITCA: www.vitcaindustry.org, ICC: www.iccsafe.org



Earth City, MO 63045

TC	LL	30	40	PSF	REF	VALLEY	DETAIL
TC	DL	20	15	7	PSF	DATE	2/14/12
BC	DL	10	10	10	PSF	DRWG	VAL160100212
BC	LL	0	0	0	PSF		
TOT.	L.D.	60	55	57	PSF		
DURFAC	1.25/1.33	1.15	1.15				
SPACING				24.0"			