

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 2 of 3 Document ID: IUS59114Z0519164141



Truss Fabricator: **Anderson Truss Company**
Job Identification: **120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills of Windsor**
Truss Count: **302**
Model Code: **Florida Building Code 2010**
Truss Criteria: **FBC2010Res/TPI-2007(STD)**
Engineering Software: **Alpine Software, Version 10.03.**
Structural Engineer of Record: **The identity of the structural EOR did not exist as of the seal date per section 61G15-31.003(5a) of the FAC**
Address: **Roof - 40.0 PSF @ 1.25 Duration**
Minimum Design Loads: **Floor - 55.0 PSF @ 1.00 Duration**
Wind - 120 MPH ASCE 7-10 -Closed

Notes:

- 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
- The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
- As shown on attached drawings; the drawing number is preceded by: HCUSR9114

Walter P. Finn
-Truss Design Engineer-

1950 Marley Drive
Haines City, FL 33844

Details: STRBRIBR-CNSY42PL-BRCLBSUB-PB16010-12030EC1-GBLLETIN-GABRST10-

#	Ref	Description	Drawing#	Date
115	87091--R7		12354132	12/19/12
116	87092--R8		12354133	12/19/12
117	87093--R9		12354134	12/19/12
118	87094--R10		12354135	12/19/12
119	87095--R11		12354136	12/19/12
120	87096--R12		12354137	12/19/12
121	87097--R13		12354138	12/19/12
122	87098--R14		12354139	12/19/12
123	87099--R15		12354140	12/19/12
124	87100--R16		12354141	12/19/12
125	87101--R17		12354142	12/19/12
126	87102--R18		12354143	12/19/12
127	87103--R19 2-PLY		12354260	12/19/12
128	87104--R20		12354261	12/19/12
129	87105--R21 2-PLY		12354262	12/19/12
130	87106--R22 2-PLY		12354263	12/19/12
131	87107--R23		12354264	12/19/12
132	87108--R24		12354265	12/19/12
133	87109--R25		12354295	12/19/12
134	87110--R26		12354197	12/19/12
135	87111--R27		12354198	12/19/12
136	87112--R28		12354199	12/19/12
137	87113--R29		12354200	12/19/12
138	87114--R30 2-PLY		12354296	12/19/12
139	87115--R31 2-PLY		12354297	12/19/12
140	87116--R32		12354298	12/19/12
141	87117--R32A		12354299	12/19/12
142	87118--R33		12354300	12/19/12
143	87119--R34		12354301	12/19/12
144	87120--R35		12354302	12/19/12
145	87121--R36		12354303	12/19/12
146	87122--R37		12354284	12/19/12
147	87123--R38		12354285	12/19/12
148	87124--R39		12354286	12/19/12
149	87125--R40		12354287	12/19/12
150	87126--R41		12354288	12/19/12
151	87127--R42		12354201	12/19/12
152	87128--R43		12354202	12/19/12

#	Ref	Description	Drawing#	Date
153	87129--R44		12354203	12/19/12
154	87130--R45 2-PLY 3572		12354289	12/19/12
155	87131--R46		12354290	12/19/12
156	87132--R47		12354291	12/19/12
157	87133--R48		12354292	12/19/12
158	87134--R49		12354275	12/19/12
159	87135--R50		12354219	12/19/12
160	87136--R51		12354220	12/19/12
161	87137--R52		12354221	12/19/12
162	87138--R53		12354195	12/19/12
163	87139--R54		12354196	12/19/12
164	87140--R55 2-PLY		12354276	12/19/12
165	87141--R56		12354277	12/19/12
166	87142--R57 2-PLY 933		12354278	12/19/12
167	87143--R58		12354279	12/19/12
168	87144--R59		12354280	12/19/12
169	87145--R60		12354281	12/19/12
170	87146--R61		12354282	12/19/12
171	87147--R62		12354229	12/19/12
172	87148--R63		12354230	12/19/12
173	87149--R64		12354283	12/19/12
174	87150--R65		12354231	12/19/12
175	87151--R66		12354232	12/19/12
176	87152--R67		12354222	12/19/12
177	87153--R68		12354223	12/19/12
178	87154--R69		12354224	12/19/12
179	87155--R70		12354225	12/19/12
180	87156--R71		12354226	12/19/12
181	87157--R72		12354227	12/19/12
182	87158--R73		12354228	12/19/12
183	87159--R74 2-PLY 738		12354305	12/19/12
184	87160--R75		12354233	12/19/12
185	87161--R76 2-PLY 750		12354306	12/19/12
186	87162--R77		12354258	12/19/12
187	87163--R78 2-PLY		12354304	12/19/12
188	87164--R79		12354293	12/19/12
189	87165--R80		12354250	12/19/12
190	87166--R81		12354251	12/19/12

#	Ref	Description	Drawing#	Date
191	87167--R82		12354252	12/19/12
192	87168--R83		12354253	12/19/12
193	87169--R84		12354254	12/19/12
194	87170--R85		12354234	12/19/12
195	87171--R86		12354235	12/19/12
196	87172--R87		12354236	12/19/12
197	87173--R88		12354237	12/19/12
198	87174--R89		12354204	12/19/12
199	87175--R90		12354205	12/19/12
200	87176--R91		12354206	12/19/12
201	87177--R92		12354268	12/19/12
202	87178--R93		12354207	12/19/12
203	87179--R94		12354208	12/19/12
204	87180--R95		12354209	12/19/12
205	87181--R96		12354210	12/19/12
206	87182--R97		12354211	12/19/12
207	87183--R98		12354181	12/19/12
208	87184--R99		12354126	12/19/12
209	87185--R100		12354127	12/19/12
210	87186--R101		12354212	12/19/12
211	87187--R102		12354213	12/19/12
212	87188--R103		12354214	12/19/12
213	87189--R104		12354215	12/19/12
214	87190--R105		12354178	12/19/12
215	87191--R106		12354179	12/19/12
216	87192--R107		12354180	12/19/12
217	87193--R108		12354216	12/19/12
218	87194--R109		12354190	12/19/12
219	87195--R110		12354191	12/19/12
220	87196--R111		12354192	12/19/12
221	87197--R112		12354193	12/19/12
222	87198--R113		12354194	12/19/12
223	87199--R114 2-PLY 890		12354269	12/19/12
224	87200--R115 2-PLY 1902		12354270	12/19/12
225	87201--R116		12354238	12/19/12
226	87202--R117		12354117	12/19/12
227	87203--R118		12354118	12/19/12
228	87204--R119		12354119	12/19/12



(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - R7)

Top chord 2x4 SP #2 12A
Bot chord 2x4 SP #2 12A
Webs 2x4 SP #2 12A

120 mph wind, 42.32 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

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

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

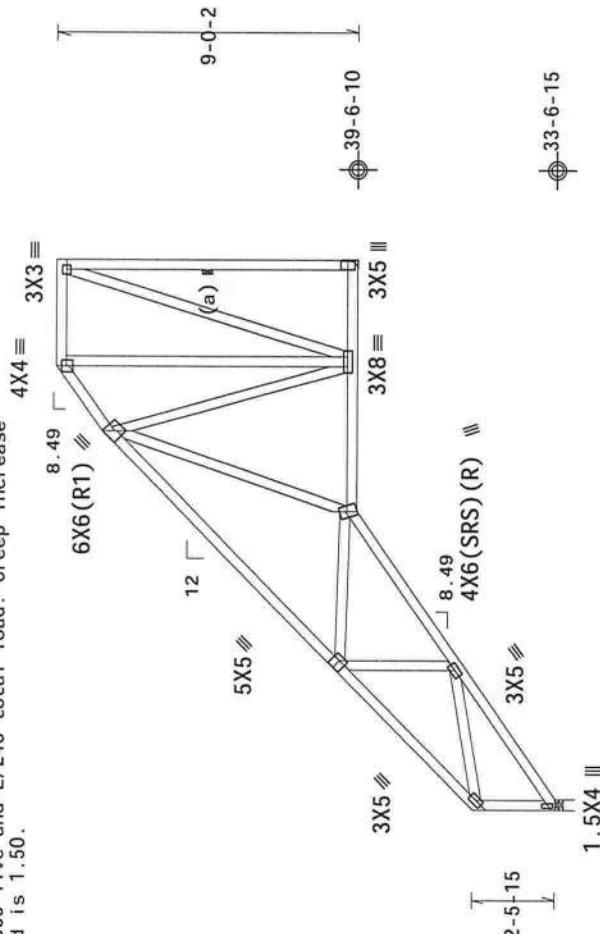
End verticals not exposed to wind pressure.

(HT) = (J) Hanger not calculated (2)2x6 SP #1_Dense_12A supporting member.

(a) Continuous lateral bracing equally spaced on member.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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



11-1-6
8-9-5
16-2-2 Over 2 Supports
1-11-5
7-4-12
3-1-6

R=740 U=0 W=4"
RL=428/-120

R=709 U=328
H=H1



PLT TYP. Wave

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

FL/-/5/-/-/R/- Scale = .1875"/Ft.

TC LL	20.0 PSF	REF	R9114- 87091
TC DL	10.0 PSF	DATE	12/19/12
BC DL	10.0 PSF	DRW	HCUSR9114 12354132
BC LL	0.0 PSF	HC-ENG	SSB/WPF
TOT. LD.	40.0 PSF	SEQN-	285468
DUR. FAC.	1.25	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05

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

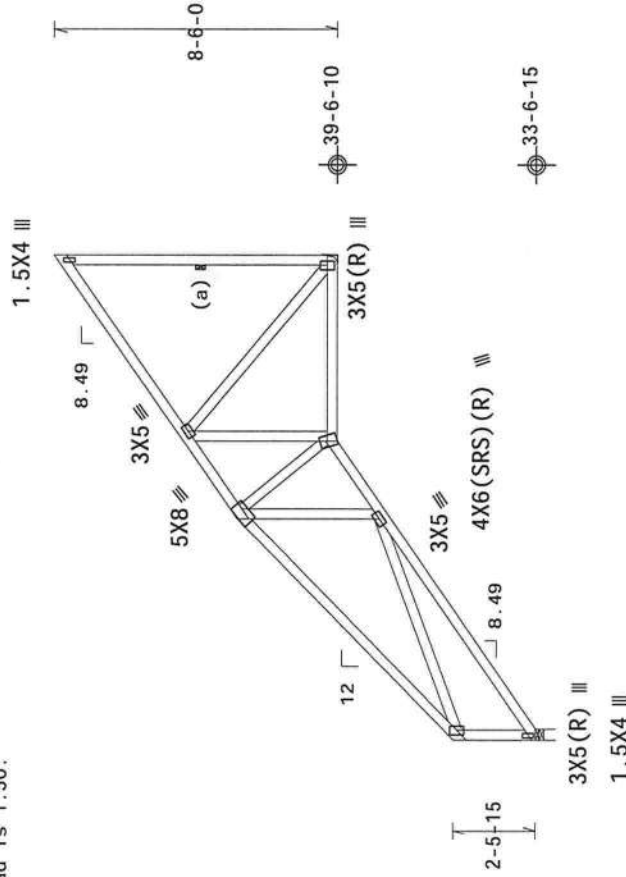
****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET!
****IMPORTANT**** FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the manufacturer's literature for detailed instructions. Do not alter the design or installation without the written approval of the manufacturer. The manufacturer shall have a properly attached rigid ceiling. Locations shown for permanent sheathing and bottom chord bracing shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & 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. A seal on this document is required for the manufacturer's liability. The suitability and use of this design for the 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.tpiinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

120 mph wind, 42.06 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.

(H1) = (J) Hanger not calculated (2)2x6 SP_#1_Dense_12A supporting member.

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



6'-5-14 8'-9-5 7'-9-4 5'-5-12
 14'-3-2 Over 2 Supports
 R=649 U=0 W=4"
 RL=410/-106
 R=620 U=324
 H=H1

Decision Crit.: EBC2010Dac/TBI 2007(STB)

BCZOTURES/ IP-1-2007 (S) 16.03.10 1223:10
FT/RT=20%(0%)/10(0)

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

Trussess 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 to be followed. The top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Brackets or shims for permanent lateral restraint of top chord shall have bracing installed per BCSI sections 83, 87 or 810, as applicable.

ITW Building Components Group Inc. (ITWBOD) shall not be responsible for any deviation from this document if such deviation results in failure of the building component. ITWBOD shall not be responsible for any failure to build the trusses in conformance with ANSI/TPI 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 Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. A seal on this 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 technical notes page, ITR-800; www.itwbcg.com; MTCC: www.sdcindustry.com; ITR-800; www.itwbcg.com; ITR-800; www.tpinet.org;

PLT TYP. Wave

ALPINE

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

FL/-/5/-/-/R/-		Scale = .1875"/Ft.
TC LL	20.0 PSF	REF R9114- 87092
TC DL	10.0 PSF	DATE 12/19/12
BC DL	10.0 PSF	DRW HCJUSR9114 12354133
BC LL	0.0 PSF	HC-ENG SSB/WPF
TOT. LD.	40.0 PSF	SEQN- 285469
DUR. FAC.	1.25	FROM SDY
SPACING	24.0"	JREF- 1US59114Z05

Top	chord	2x4	SP_#2	12A
Bot	chord	2x4	SP_#2	12A
	webs	2x4	SP_#2	12A

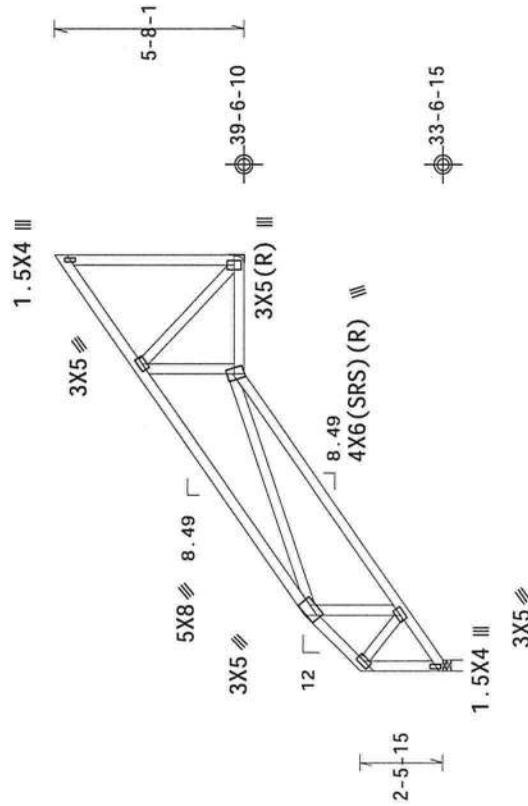
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

End verticals not exposed to wind pressure.

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

(H1) = (J) Hanger not calculated (2)2x6 SP_#1_Dense_12A supporting member.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



R=549 U=0 W=4"
RL=317/-79

Design Crit: FBC2010Res/TPI-2007(STD)
FT/RT=20%(0%)/10(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. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and WICA) and the manufacturer's instructions for proper bracing. The principal bracing methods are as follows. Unless noted otherwise, equipment shall have properly attached structural sheathing and bracing. Trusses shall have a properly attached rigid ceiling. Locations for permanent lateral restraint shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

THE Building Components Group Inc. (TIBCOC) shall not be responsible for any deviation from this drawing or specification. The user of this drawing or specification shall accept responsibility for verifying the accuracy, completeness, and applicability of the information shown hereon. The joint responsibility of the user and TIBCOC shall be to ensure that all drawings and specifications are complete, correct, and applicable to the project. A seal on this drawing or specification is required for all projects. Details, unless noted otherwise, refer to drawings 160A-Z for standard plate positions. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for your structure is the responsibility of the building designer per ANSI/AISC 1 Sec. 2. For more information see: This job's contract notes pages; THE-BECG; THE Building Designer.com; API; wpi@nsipr.org; WPCA; www.sbcindustry.com; IBCG.



12/19/2012

PLT TYP. Wave



ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

EL COA #L 278

design critic: Rbz020kres/1PI-2007(SBP)
FT/RT=20%(0%)/10(0) 1D.03.10.1223.10 QTV1

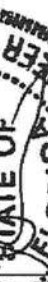
****WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET!**
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

Trussess require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSP (Building Component Safety Information, by TPI and WIGA) recommendations for bracing and handling. Trussess shall be handled and braced in accordance with the instructions on the drawings. 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 BCSP 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/TPI 1, or for handling, shipping, installation, bracing of trusses. Apply plates to each rafter of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: Building notes page: ITW-B60: www.itwbcg.com; TPI: www.tpinet.org; WIGA: www.sbcindustry.com; ICC: www.iccsafe.org

FL/-5/-/-/R/- Scale = .1875" / Ft.

TC LL	20.0 PSF	REF	R9114- 87093
TC DL	10.0 PSF	DATE	12/19/12
BC DL	10.0 PSF	DRW	HCUSR9114 12354134
BC LL	0.0 PSF	HC-ENG	SSB/WPF
TOT. LD.	40.0 PSF	SEQN-	285470
DUR. FAC.	1.25	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05



12/19/2012

120 mph wind, 39.24 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. GGpi (+/-)=0.18

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

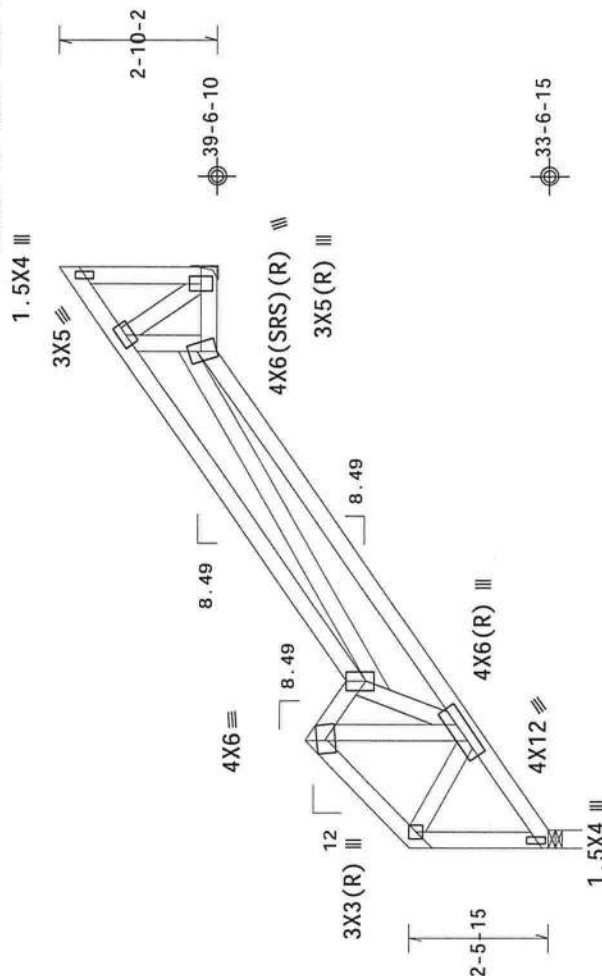
End verticals not exposed to wind pressure.

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

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

(H1) = (J) Hanger not calculated (2)2x6 SP_#1_Dense_12A supporting member.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



1-10-10 1-0-9 8-9-5 7-3-14

10-3-2 Over 2 Supports

R=462 U=0 W=4"
 RL=227/-78
 R=451 U=176
 H=H1

R=451 U=176
H=H1

PLT TYP. Wave

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

FL/-/5/-/-/ - /- / -
Scale = .3125" / Ft.

TC LL	20.0	PSF	REF R9114- 87094
TC DL	10.0	PSF	DATE 12/19/12
BC DL	10.0	PSF	DRW HCUSR9114 12354135
BC LL	0.0	PSF	HC-ENG SSB/WPF
TOT.LD.	40.0	PSF	SEQN- 285471
DUR.FAC.	1.25		FROM SDY
SPACING	24.0"		JREF- 1US59114Z05

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

12/19/2012

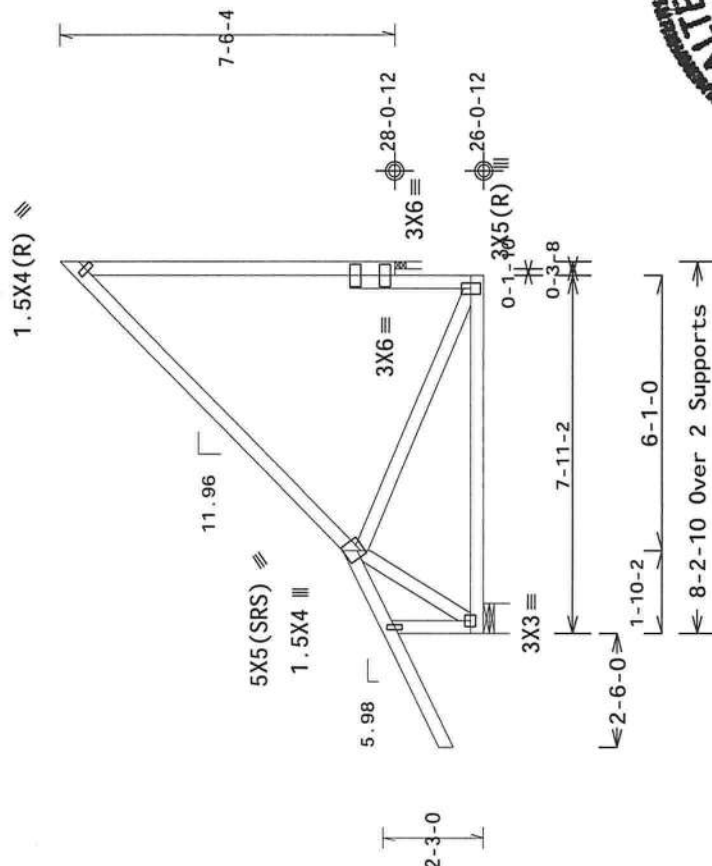
Details, unless noted otherwise. Refer to drawings 60M-2 for standard plate positions. A seal on this drawing or cover page listing this drawing. Indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TP 1 Sec.2. For more information see: general notes page: ITW-BGC; www.itw-bgc.com; TPI: www.tpiinst.org; WTC: www.abcindustry.com

120 mph wind, 31.32 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.

Bottom chord checked for 10,00 psf non-concurrent live load.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



R=542 U=0 W=8.025"
RL=248/-69

PLT TYP. Wave

Design Crit: FBC2010Res/TPI-2007(ST)
 $FT/RT=20\%(0\%)/10(0)$ FL/-/5/-/-/R/-
Scale = .25"/Ft.

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

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Read and follow the latest edition of BCSI (Building Component Safety Information, by IPI and WICA) for complete information regarding truss erection and bracing. Trusses shall be installed in accordance with the manufacturer's instructions. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of trusses shall have installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBGS) 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, installation & bracing of trusses. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the general obligation of the user. For more information see: This job's general specifications page. ITW BCS: www.itwinc.org TPI: www.tpi.net.org WICA: www.safetyinfo.com
ICE: www.icesafe.org

12/19/2012

TC LL	20.0 PSF	REF	R9114 - 87095
TC DL	10.0 PSF	DATE	12/19/12
BC DL	10.0 PSF	DRW	HCU9R114 12354136
BC LL	0.0 PSF	HC-ENG	SSB/WPF
TOT.LD.	40.0 PSF	SEQN-	285472
DUR.FAC.	1.25	FROM	SDY
SPACING	24'-0"	JREF-	1US59114Z05

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

120 mph wind, 31.42 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. GCpi (+/-)=0.18

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

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

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



No. 22839

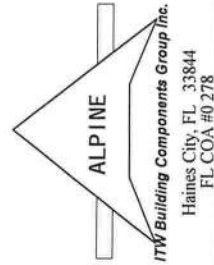
FL/-/5/-/-/R/-/-

Scale = .25"/Ft.

TC LL	20.0	PSF	REF	R9114- 87096
TC DL	10.0	PSF	DATE	12/19/12
BC DL	10.0	PSF	DRW	HCUSR9114 12354137
BC LL	0.0	PSF	HC-ENG	SSB/WPF
TOT.LD.	40.0	PSF	SEQN-	285473
DUR.FAC.	1.25		FROM	SDY
SPACING	24.0"		JREF-	1US59114Z05

12/19/2012

Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. A seal on this drawing or cover page listing this 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/TPI 1 Sec.2. For more information see: This job's general notes page; ITW-BCG: www.tbwcg.com; TPI: www.tpinet.net; WTCA: www.sbcindustry.com;



Top chord 2x4 SP #2 12A
Bot chord 2x4 SP #2 12A
Webs 2x4 SP #2 12A
:Rt Bearing Leg 2x4 SP #2 12A:

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

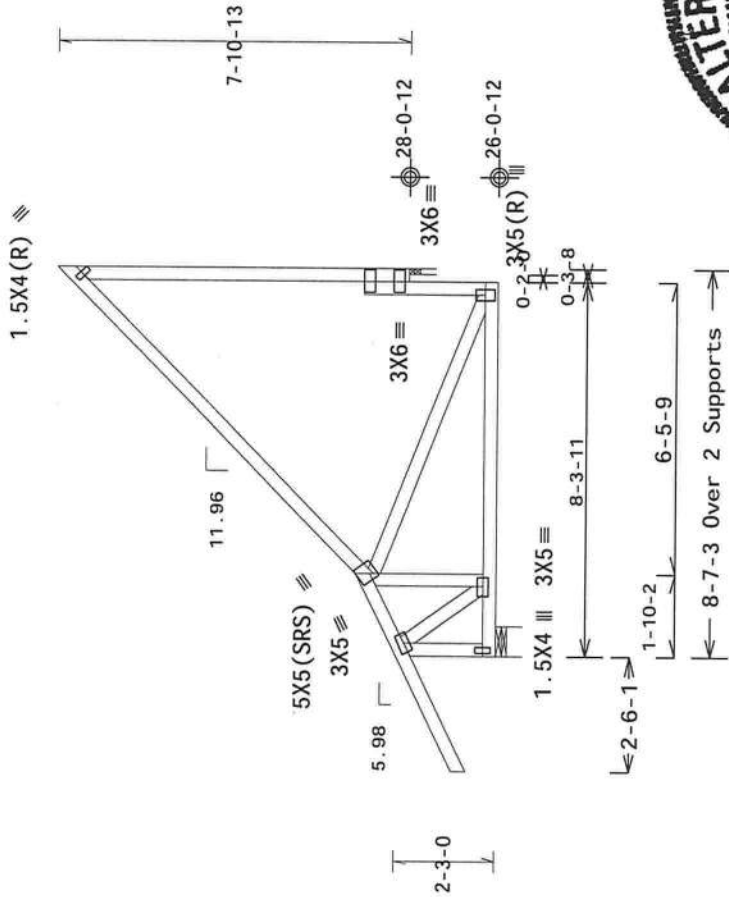
Left end vertical not exposed to wind pressure.

120 mph wind, 31.51 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.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



R=559 U=0 W=8.025"
RL=260/-72

R=351 U=197 W=1.51

PLT TYP. Wave

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

FL/-5/-/-R/- Scale =.25"/Ft.

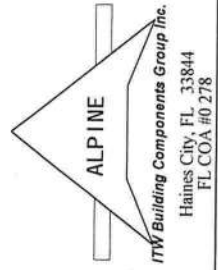
TC LL	20.0 PSF	REF	R9114- 87098
TC DL	10.0 PSF	DATE	12/19/12
BC DL	10.0 PSF	DRW	HCUSR9114 12354139
BC LL	0.0 PSF	HC-ENG	SSB/WPF
TOT. LD.	40.0 PSF	SEQN-	285668
DUR. FAC.	1.25	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05



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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Components Institute) for details and practices prior to performing these functions. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of trusses shall have bracing installed per BCSI 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, installation & bracing of trusses. Apply places to each face of truss and position as shown above and on the Joint Details of Trusses. Apply places to each face of truss and position as shown above and on the Joint Details of Trusses. Apply places to each face of truss and position as shown above and on the Joint 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.tpiinst.org; WTCA: www.wtcaindustry.com; ICC: www.iccsafe.org

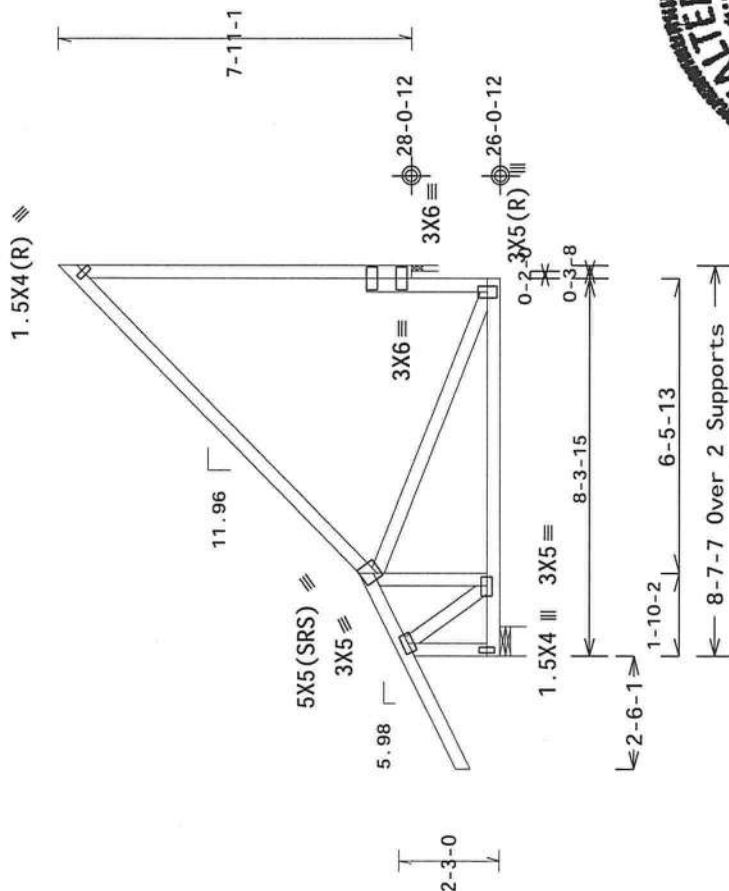


120 mph wind, 31.52 ft mean hgt., ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi (+/-)=0.18

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

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



R=560 U=0 W=8.025"
RL=261/-72

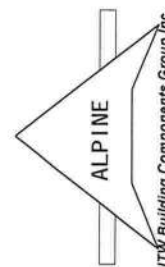
Design Crit: $\text{FBC2010Res/TPI-2007(STE)} / \text{FT/RT} = 20\%(0\%) / 10(0)$

****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 WCTCA) for all applicable details and specifications. Temporary bracing for all trusses shall be installed in accordance with the following notes otherwise noted otherwise. Temporary bracing shall be installed in accordance with the following notes otherwise noted otherwise. Locations shown for permanent lateral restraint of wall shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

IWB Building Components Group Inc. (IWBCCG) shall be responsible for any deviation from this design or any other feature to build the trusses shown above and on the Joint Plate drawings per ANSI/TPI-1 standard. IWBCCG shall be responsible for the design, engineering, manufacturing and erection of all steel framing members shown above and on the Joint Plate drawings per ANSI/TPI-1 standard. Refer to drawings 160A.2 for standard plate positions. A seal on this drawing certifies that the design complies with the applicable provisions of the American Institute of Steel Construction, Inc. (AISC) Specification for Structural Steel Buildings, 13th Edition, September 2005. The suitability and use of this design for any structure is the sole responsibility of the design engineer. For more information see: This Job's general notes page: IWB-BDG; www.iwbccg.com; TPI: www.tpiinc.org; WTC: www.abciindustries.com;

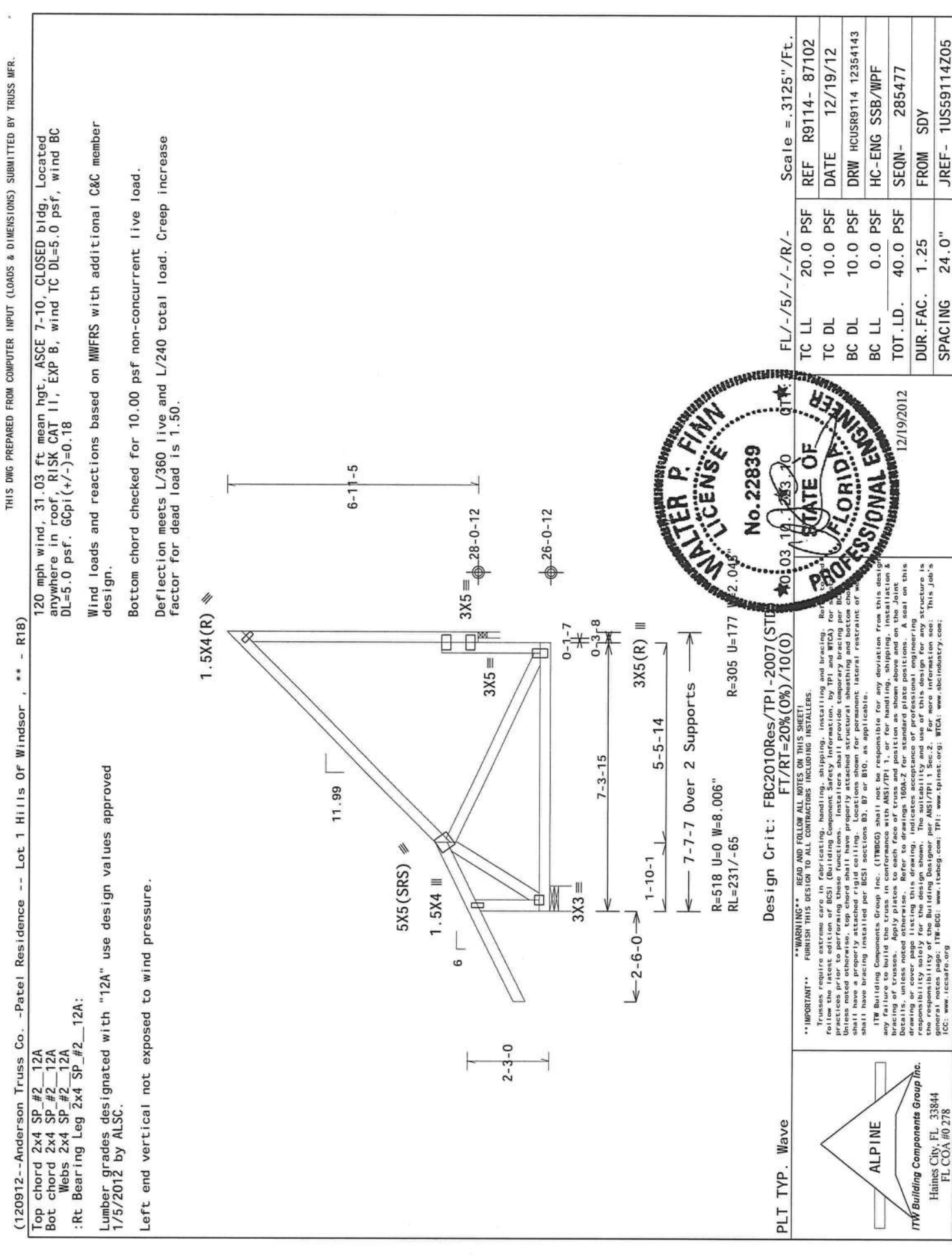
PLT TYP: Wave



Haines City, FL 33844
FL COA #0 278



FL/-/5/-/-/R/-		Scale = .25"/Ft.
TC LL	20.0 PSF	REF R9114- 87099
TC DL	10.0 PSF	DATE 12/19/12
BC DL	10.0 PSF	DRW HCUSR9114 12354140
BC LL	0.0 PSF	HC-ENG SSB/WPF
TOT.LD.	40.0 PSF	SEQN- 285673
DUR.FAC.	1.25	FROM SDY
SPACING	24.0"	JREF- 1US59114Z05



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

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - R18)

Top chord 2x4 SP #2_12A
Bot chord 2x4 SP #2_12A
Webs 2x4 SP #2_12A
:Rt Bearing Leg 2x4 SP #2_12A:
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.
Left end vertical not exposed to wind pressure.
Wind loads and reactions based on MMFRS with additional C&C member design.
Bottom chord checked for 10.00 psf non-concurrent live load.
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

120 mph wind, 31.03 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.
Bottom chord checked for 10.00 psf non-concurrent live load.
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

1.5X4(R) ≡

5X5(SRS) ≡

1.5X4 ≡

6

2-3-0

11.99

6-11-5

3X5 ≡

28-0-12

26-0-12

0-1-7

0-3-8

7-3-15

5-5-14

1-10-1

7-7-7 Over 2 Supports

R=518 U=0 W=8.006"

RL=231/-65

R=305 U=177 W=2.045

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

PLT TYP. Wave

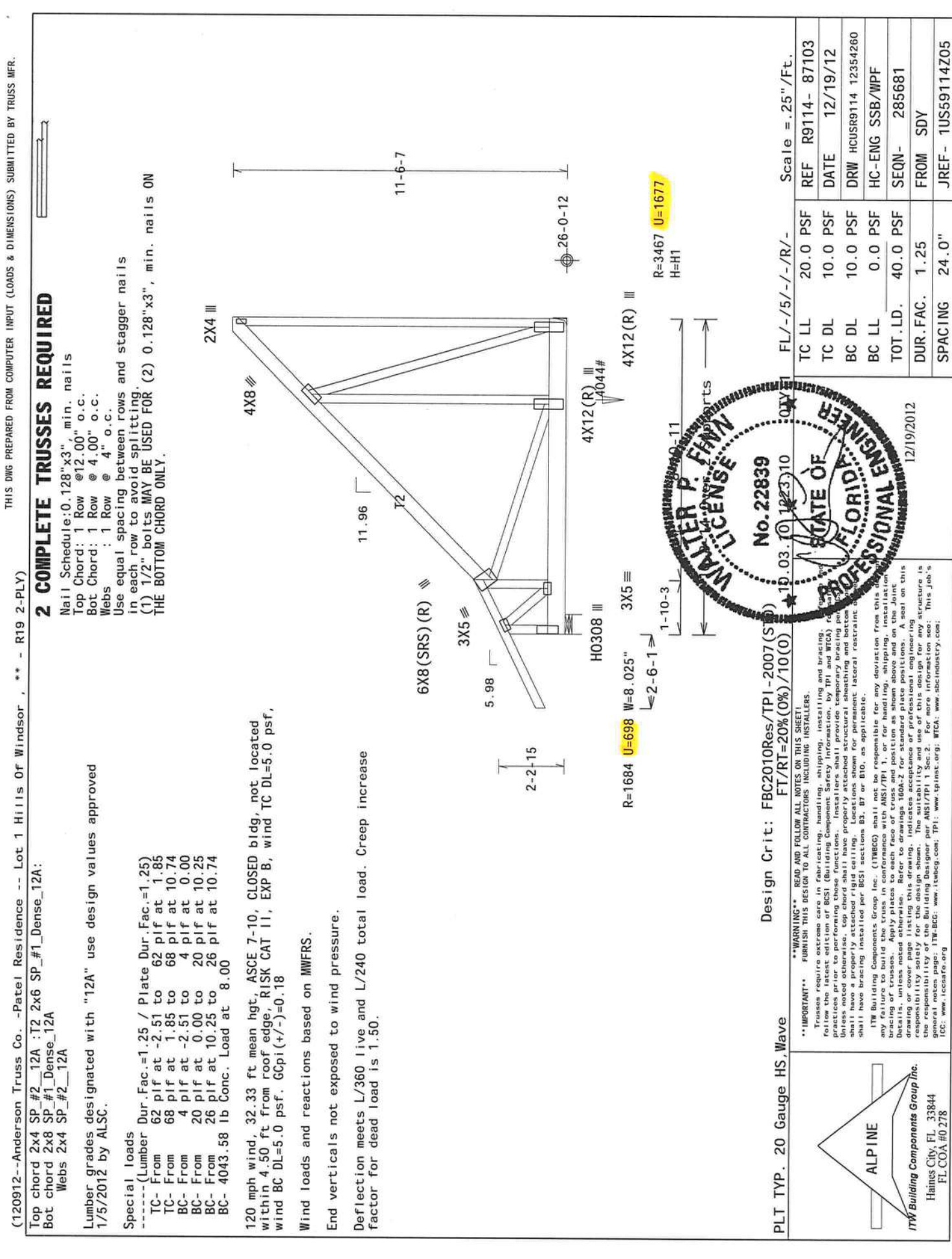
FL/-/5/-/-/R/- Scale = .3125"/Ft.

TC LL	20.0 PSF	REF	R9114- 87102
TC DL	10.0 PSF	DATE	12/19/12
BC DL	10.0 PSF	DRW	HCUSR9114 12354143
BC LL	0.0 PSF	HC-ENG	SSB/WPF
TOT.LD.	40.0 PSF	SEQN-	285477
DUR.FAC.	1.25	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05

12/19/2012

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

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



Top chord 2x4 SP #2_12A
Bot chord 2x8 SP #1_Dense_12A
Webs 2x4 SP #2_12A

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

Special loads

Dur.Fac.=1.25 / Plate Dur.Fac.=1.25
62 plf at -2.50 to 62 plf at 1.83
TC- From 68 plf at 1.83 to 68 plf at 7.46
TC- From 34 plf at 7.46 to 34 plf at 10.33
TC- From 34 plf at 10.33 to 34 plf at 13.21
TC- From 68 plf at 13.21 to 68 plf at 18.83
TC- From 62 plf at 18.83 to 62 plf at 23.17
BC- From 4 plf at -2.50 to 4 plf at 0.00
BC- From 20 plf at 0.00 to 20 plf at 7.46
BC- From 10 plf at 7.46 to 10 plf at 10.33
BC- From 10 plf at 10.33 to 10 plf at 13.21
BC- From 20 plf at 13.21 to 20 plf at 20.67
BC- From 4 plf at 20.67 to 4 plf at 23.17
BC- 1687.94 lb Conc. Load at 7.46, 13.21
BC- 3467.11 lb Conc. Load at 10.33

2 COMPLETE TRUSSES REQUIRED

Nail Schedule: 0.128"x3", min. nails
Top Chord: 1 Row @ 12.00" o.c.
Bot Chord: 1 Row @ 4.50" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.
(1) 1/2" bolts MAY BE USED FOR (2) 0.128"x3", min. nails ON THE BOTTOM CHORD ONLY.

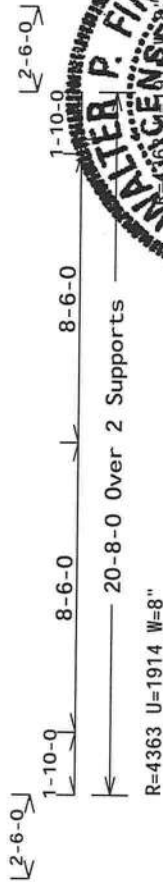
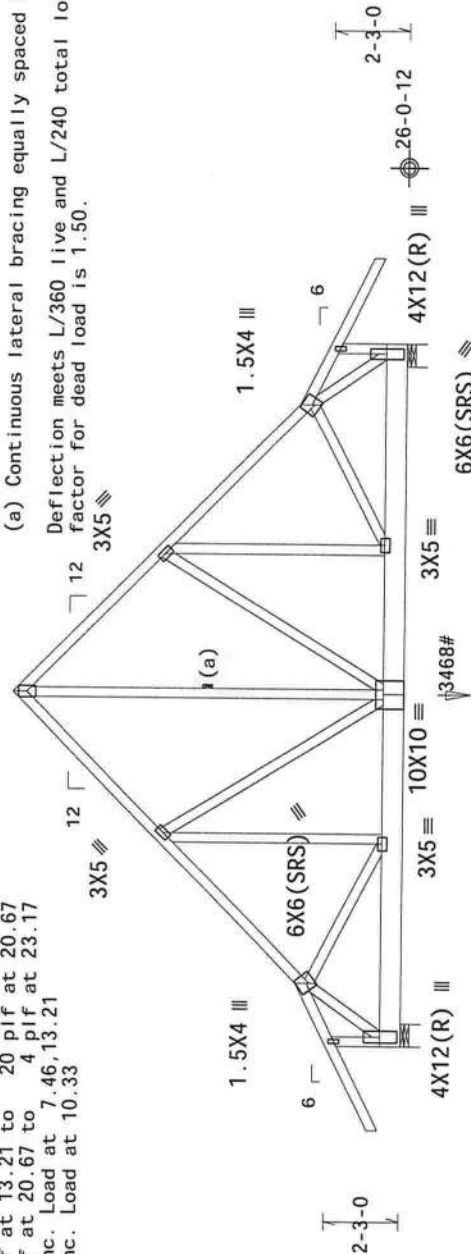
120 mph wind, 32.40 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 4.50 ft from roof edge, RISK CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MMFRS.

End verticals not exposed to wind pressure.

(a) Continuous lateral bracing equally spaced on member.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



PLT TYP. Wave

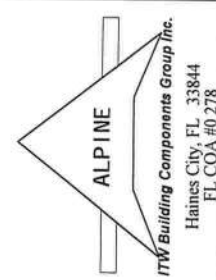
Design Crit: FBC2010Res/TPI-2007(ST) FT/RT=20%(0%)/10(0)

Scale = .1875"/Ft.

TC LL	20.0 PSF	REF	R9114- 87105
TC DL	10.0 PSF	DATE	12/19/12
BC DL	10.0 PSF	DRW	HCUSR9114 12354262
BC LL	0.0 PSF	HC-ENG	SSB/WPF
TOT. LD.	40.0 PSF	SEQN-	285683
DUR. FAC.	1.25	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05



****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET.
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Component Safety Information by TPI) for all practices prior to performing these functions. Installers shall provide temporary bracing for all trusses. Top chord shall have property attached structural sheathing and bottom chord shall have a property attached rigid ceiling. Locations shown for permanent lateral restraint of trusses shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
****IMPORTANT**** ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design. To build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of the truss, the user must refer to the ITWBCG website for all details. A seal on this drawing or cover page listing this design shows. 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 ITWBCG website. ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org



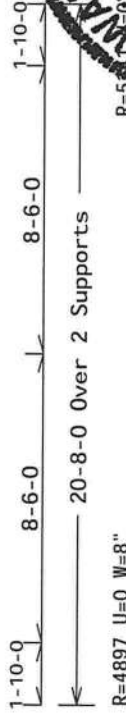
2 COMPLETE TRUSSES REQUIRED

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

(1) 1/2" bolts MAY BE USED FOR (2) 0.128"x3", min. nails ON THE BOTTOM CHORD ONLY.

Wind loads and reactions based on MWFRS.

End verticals not exposed to wind pressure.

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

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

TC LL	20.0	PSF	REF	R9114-	87106
TC DL	10.0	PSF	DATE	12/19/12	
BC DL	10.0	PSF	DRW	HCUSR9114	12354268
BC LL	0.0	PSF	HC-ENG	SSB/WPF	
TOT. LD.	40.0	PSF	SEQN-	285609	
DUR. FAC.	1.25		FROM	SDY	
SPACING	24.0"		JREF-	1US59114Z05	

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

Trusses require attention to detailing, bracing, sheathing, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Components Institute) standards for details and bracing practices prior to performing these functions. Installers shall provide temporary bracing for BCS1 unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of wall shall have bracing installed per BCS1 sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design. For details, drawings, specifications, MSDS/TP1, or for handling, shipping, installation or other questions, contact ITWBCG at 1-800-368-3636 or info@itwbcg.com.

Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the user. For more information see: This Job Order Form, Section 2.0, and the following information sources: ITWBCG website: www.itwbcg.com; general nicsafe.org; www.nicsafe.org; ITW: www.itw.com; WTCB: www.wtcb.com.

ALPINE

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

Top chord 2x4 SP_#2__12A : T2 2x6 SP_#1_Dense_12A:

Bot	chord	2x4	SP_#2	12A
	Webs	2x4	SP_#2	12A

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

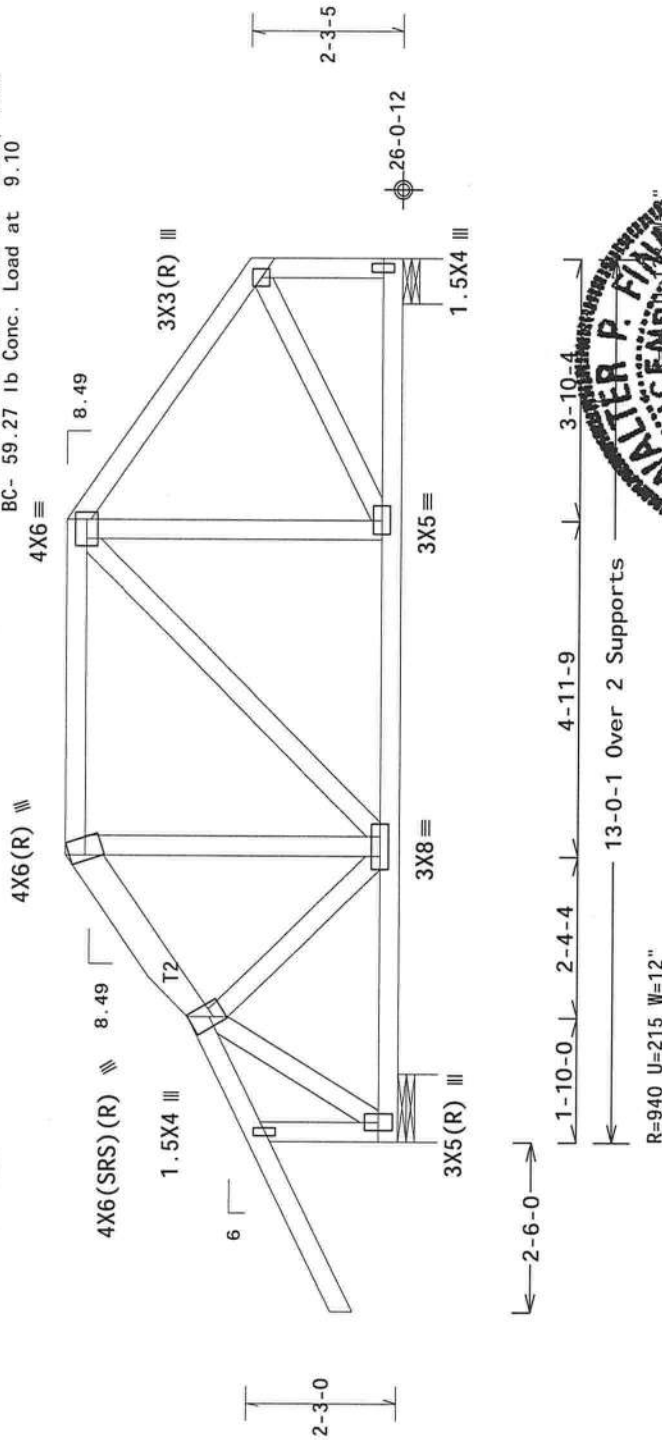
120 mph wind, 29.06 ft mean hgt., ASCE 7-10, CLOSED bldg, not located within 4.50 ft from roof edge, RISK CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, $G C p_i (+/-)=0.18$

Wind loads and reactions based on MWFRS.

End verticals not exposed to wind pressure.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



PLT TYP. Wave

Design Crit: FBC2010Res/TPI-2007(Std)
ET/PT-20%(0%)/10(0)FL/-/5/-/-/R/-
Scale = .375"/Ft.

TC LL	20.0	PSF	REF	R9114-	87107
TC DL	10.0	PSF	DATE	12/19/12	
BC DL	10.0	PSF	DRW	HCUSR9114	12354264
BC LL	0.0	PSF	HC-ENG	SSB/WPF	
TOT.LD.	40.0	PSF	SEQN-	2855685	
DUR.FAC.	1.25		FROM	SDY	
SPACING	24.0"		JREF-	1US59114Z05	

ALPINE

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

12/19/2012

12/19/2012

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

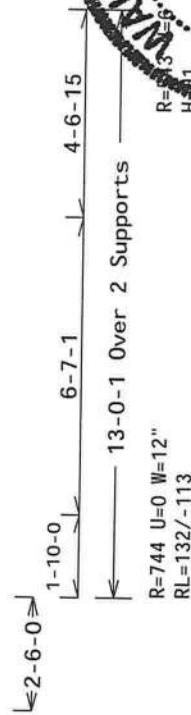
120 mph wind, 31.44 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi (+/-)=0.18

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

(H1) = (J) Hanger not calculated (1)2x6 SP_#1_Dense_12A supporting member.

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

MWFRS loads based on trusses located at least 31.44 ft. from roof edge.

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

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

****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 Truss Manufacturer's literature for complete details regarding design, erection and bracing practices for all trusses.

Unless noted otherwise, all BCSI Building Component Safety Information, by TPI and WTCFA for temporary bracing shall be followed. Installers shall provide temporary bracing per BCSI requirements. Temporary bracing shall be installed prior to erecting the roof system. The contractor shall have a properly attached rigid ceiling. Locations shown for temporary structural attaching and bottom chord bracing shall be followed. All bracing shall be installed per BCSI sections 83, 87 or 810, as applicable.

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

ITW Building Components Group Inc. (TWBCO) 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, installation or erection of trusses. Apply places to each face of truss and position as shown above and on the Joint Details, unless otherwise noted.

Drawings 1600-2 for standard plate positions. A seal on this drawing and cover page listing this design shown.

The suitability and use of this design and structure is the responsibility solely for the design shown. The suitability and use of this design and structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec. 2. For more information on this job's design, please call: TWBCO: www.twbco.com; TPI: www.tpi.net; or WTC: www.abcdindustries.com.

102: www.102steel.com



FL/-/5/-/-/R/-		Scale = .25"/Ft.
TC LL	20.0 PSF	REF R9114- 87110
TC DL	10.0 PSF	DATE 12/19/12
BC DL	10.0 PSF	DRW HCUSR9114 12354197
BC LL	0.0 PSF	HC-ENG SSB/WPF
TOT. LD.	40.0 PSF	SEQN- 285480
DUR. FAC.	1.25	FROM SDY
SPACING	24.0"	JREF- 1US59114Z05

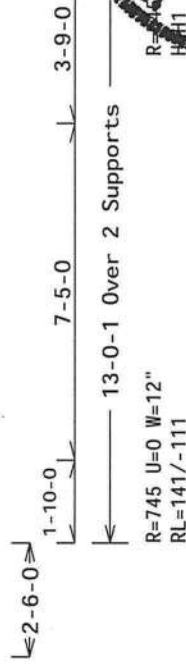
120 mph wind, 31.85 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi (+/-)=0.18

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

(H1) = (J) Hanger not calculated (1)2x6 SP_#1_Dense_12A supporting member.

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

MWFRS loads based on trusses located at least 31.85 ft. from roof edge.

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

TC LL	20.0	PSF	REF	R9114- 87111
TC DL	10.0	PSF	DATE	12/19/12
BC DL	10.0	PSF	DRW	HCUSR9114 12354198
BC LL	0.0	PSF	HC-ENG	SSB/WPFF
TOT.LD.	40.0	PSF	SEQN-	285481
DUR.FAC.	1.25		FROM	SDY
SPACING	24.0"		JREF-	1US59114Z05

****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. If trussing practices are not followed, the entire building may become unstable or collapse.

Installers shall provide temporary bracing prior to connecting these functions.

Unless noted otherwise, cop chord shall have properly attached structural sheathing and bottom chords shall have a properly attached rCSI ceiling.

Locations shown for permanent lateral restraint of walls shall have installed per RCSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCC) shall not be responsible for any deviation from this design if any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses. Apply plates to each face of truss and position as shown above positions. A seal on this details, unless noted otherwise. Refer to drawings 160A-Z for standard plate locations. A seal on this drawing or coverage page lifting this designer, indicates acceptance of professional engineering structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec. 2. For more information see: This Job's general notes or ITWBCC website at www.itwbcc.com; TPI: www.tpinet.org; WTCIA: www.sbcindustry.com; ICC-BOC: www.iccsafe.org.

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844
FL COA #0 278

	Top	chord	2x4	SP_#2	12A
Bot	chord	2x4	SP_#2	12A	
	Webbs	2x4	SP_#2	12A	

120 mph wind, 32.89 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

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

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

End verticals not exposed to wind pressure.

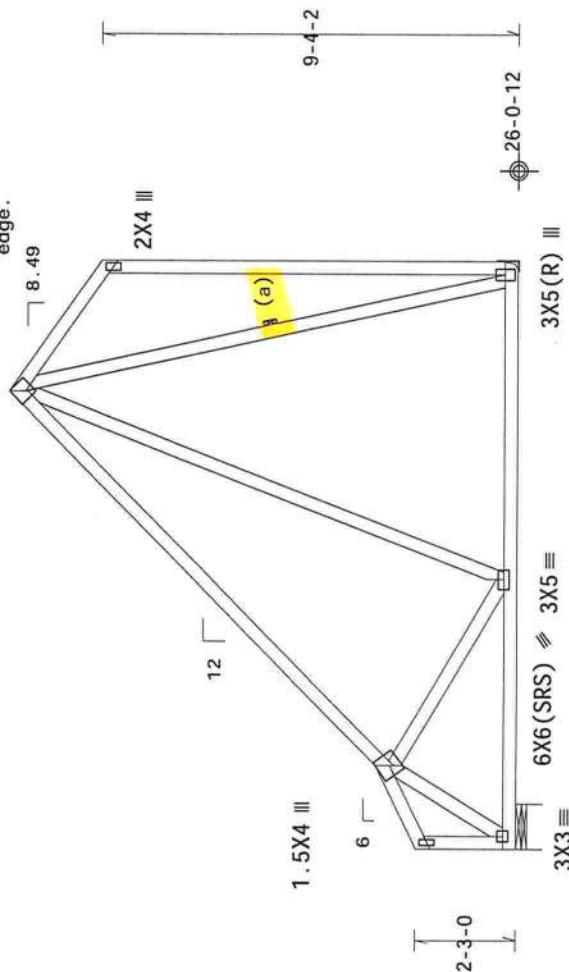
(H1) = (J) Hanger not calculated (1)2x6 SP_#1_Dense_12A supporting member.

(a) Continuous lateral bracing equally spaced on member.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

MMWFRS loads based on trusses located at least 16.45 ft. from roof edge.



1-10-0 8-2-15 2-11-1

← 13-0-1 Over 2 Supports →

R=563 U=0 W=12"
RL=134/-85

R=563 U=31
H=H1

PLOT TYP.: Wave

Design Crit: FBC2010Res/TPI-2007(STB)

FL/-/5/-/-/R/-/ - Scale = .25"/Ft.

TC LL	20.0	PSF	REF R9114- 87112
TC DL	10.0	PSF	DATE 12/19/12
BC DL	10.0	PSF	DRW HCUSR9114 12354199
BC LL	0.0	PSF	HC-ENG SSB/WPF
TOT.LD.	40.0	PSF	SEQN- 285482
DUR.FAC.	1.25		FROM SDY
SPACING	24.0"		JREF- 1US59114Z05

[illegible]

ITW Building Components Group Inc. (ITWBCG) shall be responsible for any deviation from this drawing. The manufacturer shall be responsible for any deviation from the erection and installation details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec. 2. For more information see: This job's technical notes page, ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; WCCA: www.wcca-industry.com.

ALPINE

TW Building Components Group Inc.
Haines City, FL 33844
FLCOA #0 278

12/19/2012

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

120 mph wind, 31.35 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

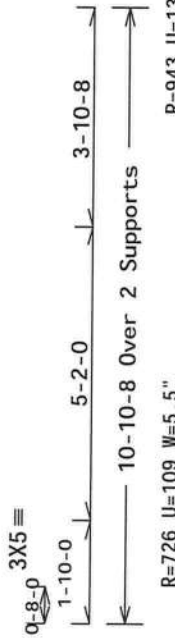
Wind loads and reactions based on MWFRS.

End verticals not exposed to wind pressure.

Left side jacks have 7-0-0 setback with 0-0-0 cant and 2-6-0 overhang.

Right side jacks have 0-0-0 setback with 0-0-0 cant and 0-0-0 overhang.

3X3(R) III



R=943 U=13
H=H1

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

★0:03.14.123.70

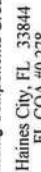
FL/-/5/-/-/R/-

Scale = .3125" / Ft.

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the following instructions for the installation of BESI (Building Component Safety Information, by TPI and WCA) for all trusses. Trusses shall be braced in accordance with the following instructions for all trusses noted otherwise, top chord shall have permanent lateral and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral bracing shall have bracing installed per BESI 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. The manufacturer shall be responsible for the design, engineering, shipping, installation and erection of the truss. Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on 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.tpi.net; WTC: www.sbcindustrial.com.



Haines City, FL 33844
FL COA #0379

JREF- 1US59114Z05

SPACING 24.0"

11

www.sbcindustries.com

www.tpinet.org; W

newbeg.com: TP

page: ITW-BCG:
fe.org

general n
ICC: www.

A #0 278

FL

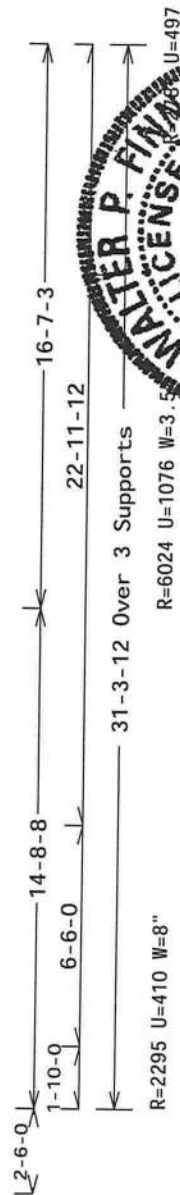
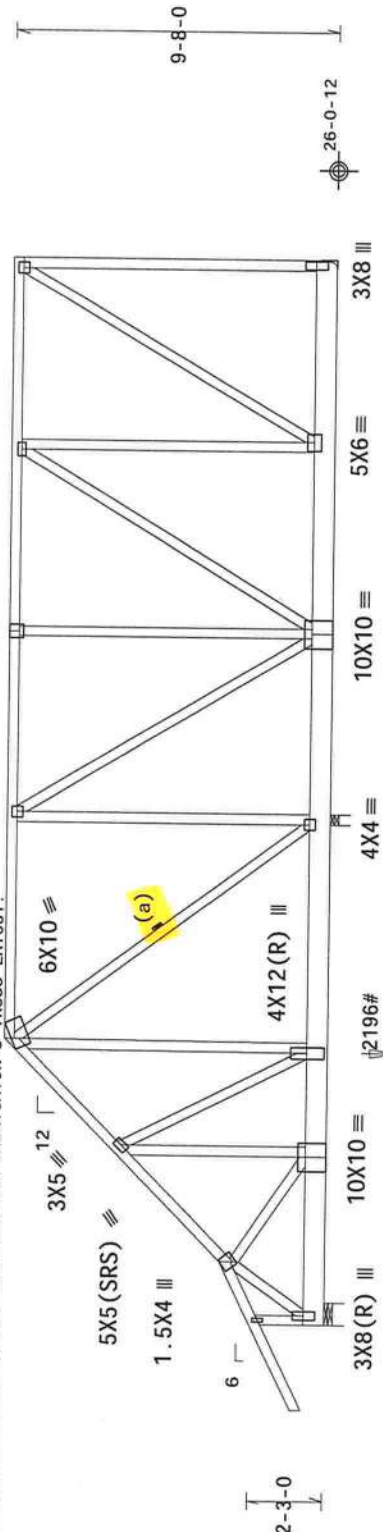
Top chord 2x4 SP #2 12A
Bot chord 2x8 SP #1 Dense_12A
Webs 2x4 SP #2 12A

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

Special loads

TC- From	Dur. Fac.=1.00 / Plate Dur. Fac.=1.00
TC- From	62 plf at -2.50 to 62 plf at 1.83
TC- From	68 plf at 1.83 to 68 plf at 8.33
TC- From	62 plf at 8.33 to 62 plf at 20.33
TC- From	62 plf at 20.33 to 62 plf at 31.31
TC- From	4 plf at -2.50 to 4 plf at 0.00
TC- From	20 plf at 0.00 to 20 plf at 4.94
TC- From	20 plf at 4.94 to 20 plf at 8.01
TC- From	176 plf at 8.01 to 176 plf at 20.33
TC- From	176 plf at 20.33 to 176 plf at 31.31
BC- 942.86 lb Conc. Load at 7.06	
BC- 2196.62 lb Conc. Load at 8.01	
BC- 101.99 lb Conc. Load at 20.51	
BC- 320.65 lb Conc. Load at 23.34	
BC- 485.44 lb Conc. Load at 26.17	
BC- 595.39 lb Conc. Load at 29.00	

IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER AND TRUSS FABRICATOR TO REVIEW THIS DWG PRIOR TO CUTTING LUMBER TO VERIFY THAT ALL DATA, INCLUDING DIMENSIONS AND LOADS, CONFORM TO THE ARCHITECTURAL PLANS/ SPECIFICATIONS AND FABRICATOR'S TRUSS LAYOUT.



PLT TYP. Wave

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

No. 22839

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

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 Building Code of America (BCA) for details of BCS (Building Component Safety Information, by TPI and WTCA) for practices prior to erection. Truss installers shall provide temporary bracing for the truss until it is permanently braced. Truss installers shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of the truss shall be followed. Truss installers shall have bracing installed per BCS sections B3, B7 or B10, as applicable. Truss Building Components Group Inc. (TBCG) 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, 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 160A-Z for standard plate positions. A seal on this drawing indicates the truss has been inspected and approved by a professional engineer. The responsibility of the Building Designer per ANSI/TPI 1.2, and use of this design for any structure is the responsibility of the Building Designer. For more information see: This job's general notes page: ITW-BGC: www.itwbgc.com; TPI: www.tpinet.org; WTCA: www.alcnafe.org; ICC: www.iccsafe.org



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

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

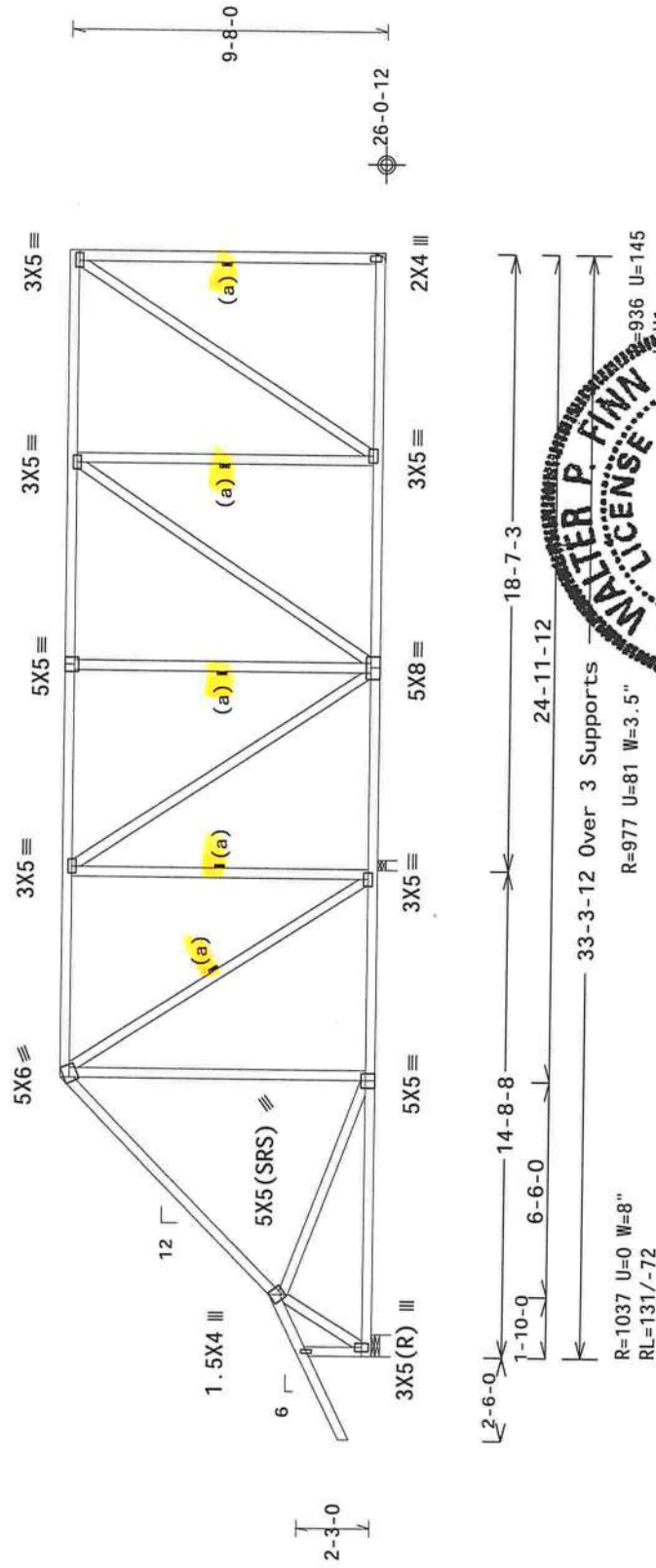
120 mph wind, 31.40 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi (+/-)=0.18

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

(H1) = (J) Hanger not calculated Unavailable supporting member.

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

MWFRS loads based on trusses located at least 31.40 ft. from roof edge.

Design Crit: $\text{FBC2010Res}/\text{TPI} - 2007(\text{STFT}/\text{RT} = 20\%(0\%)/10(0))$

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

Trussess require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the following information for details.

Follow the latest edition of BCSP (Building Component Suppliers) Temporary Bracing Practices for use to performing these functions. Installers should refer to the BCSP Temporary Bracing Practices for use to performing these functions. Top chord shall have properly attached structural bracing for the entire length of the truss. Bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of the truss shall have bracing installed per BCSP sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc.

Haines City, FL 33844
FL COA #0 278

FL/-/5/-/-/R/-		Scale = .1875"/Ft.
TC LL	20.0 PSF	REF R9114- 87116
TC DL	10.0 PSF	DATE 12/19/12
BC DL	10.0 PSF	DRW HCUSR9114 123542989
BC LL	0.0 PSF	HC-ENG SSB/WPF
TOT. LD.	40.0 PSF	SEQN - 285483
DUR. FAC.	1.25	FROM SDY
SPACING	24.0"	JREE- 1JIS59114705

06.03.16 08:30
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
12/19/2012

Top	chord	2x4	SP_#2	12A
Bot	chord	2x4	SP_#2	12A
	webs	2x4	SP_#2	12A

120 mph wind, 31.40 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

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

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

End verticals not exposed to wind pressure.

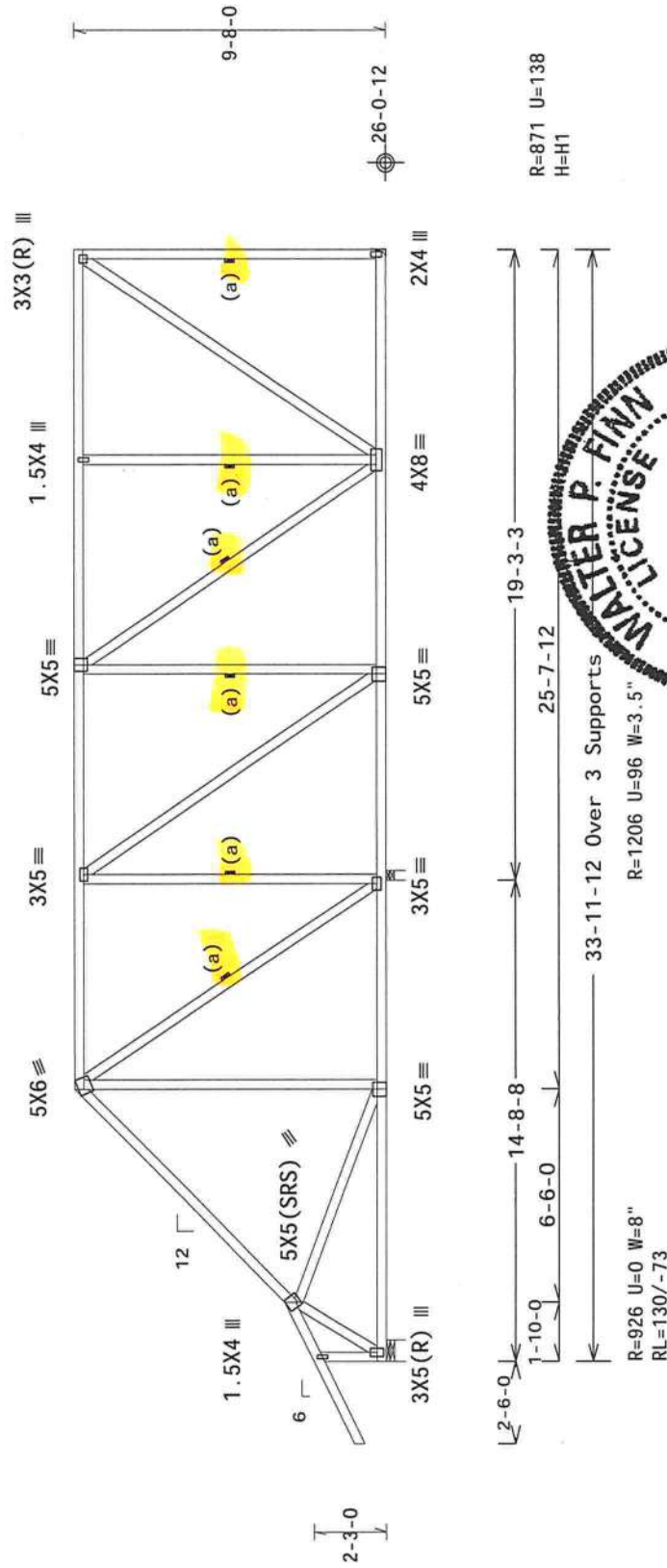
(H1) = (J) Hanger not calculated Unavailable supporting member.

(a) Continuous lateral bracing equally spaced on member.

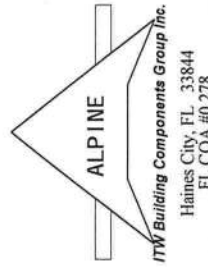
Bottom chord checked for 10.00 psf non-concurrent live load.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

MWFRS loads based on trusses located at least 31.40 ft. from roof edge.



PLT TYP. Wave



Design Crit.: FBC2010Res/TPI-2007(ST)

Scale = .1875"/Ft.

TC LL	20.0	PSF	REF	R9114-	87117
TC DL	10.0	PSF	DATE	12/19/12	
BC DL	10.0	PSF	DRW	HCUSR9114	12354299
BC LL	0.0	PSF	HC-ENG	SSB/WPF	
TOT. LD.	40.0	PSF	SEQN-	285484	
DUR. FAC.	1.25		FROM	SDY	
SPACING	24.0"		JREF-	1US59141Z05	

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - R33)

Top	chord	2x4	SP_#2	12A
Bot	chord	2x4	SP_#2	12A
	Webs	2x4	SP_#2	12A

120 mph wind, 31.40 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

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

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

End verticals not exposed to wind pressure.

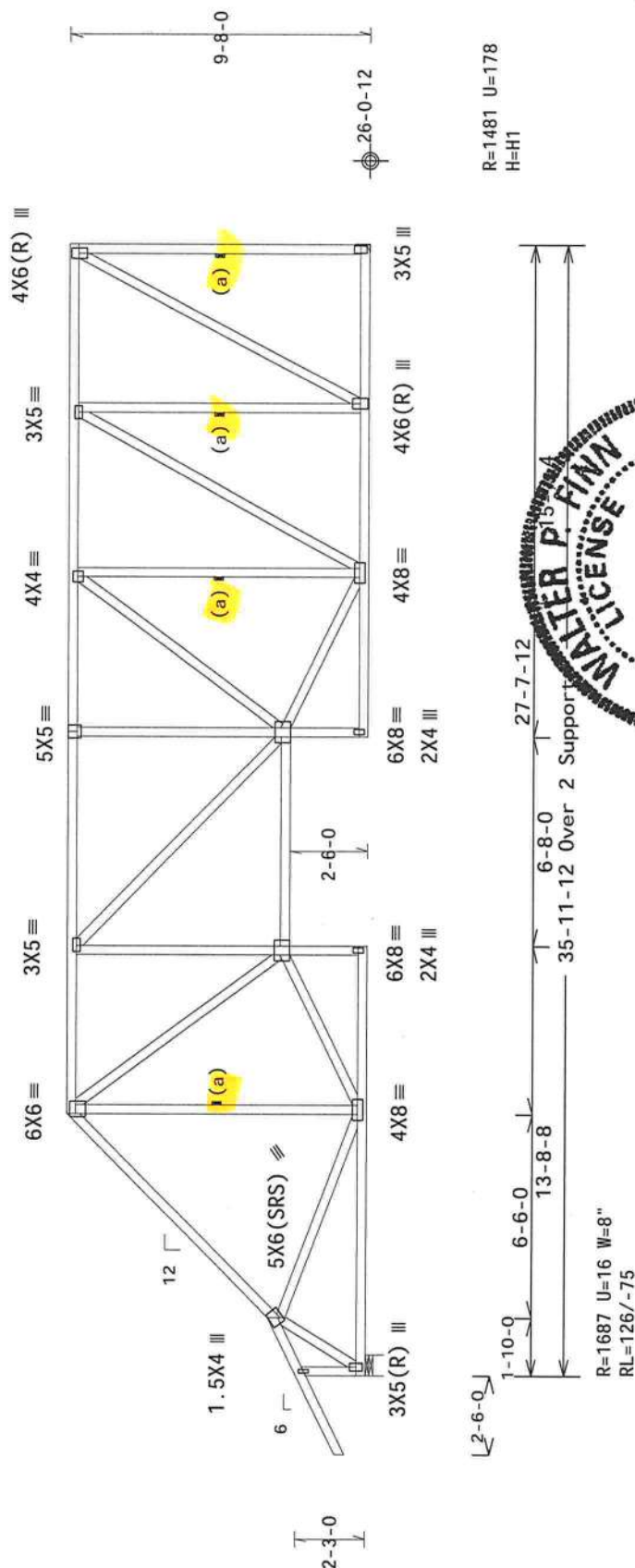
(H1) = (J) Hanger not calculated Unavailable supporting member.

(a) Continuous lateral bracing equally spaced on member.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

MMWFRS loads based on trusses located at least 31.40 ft. from roof edge.



PLT TYP. Wave

Design Crit: FBC2010Res/TPI-2007(STB
FT/RT=20%(0%)/10(0)FL/-/5/-/-/R/-
Scale = .1875"/Ft.

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

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

****IMPORTANT!**** Trusses require extreme care in fabricating, shipping, installing and bracing. Review the latest edition of BCST (Building Components Safety Information) by TPI and WCA for more information. Truss installers shall provide temporary bracing per the notes and drawings. Truss installers shall provide lateral restraint or bracing for all trusses. Trusses shall have a properly attached top chord. Trusses shall have bracing installed per BCST sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCO) cannot be responsible for any deviation from this design. The user assumes all responsibility for the design. The user's responsibility includes, but is not limited to, the following: (1) the user's failure to build the truss in conformance with ANSI/TPI 1, or for handling, supporting and erecting details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility 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 ITWBCO: www.itwbcogroup.com; ITWBCO: www.itwbcogroup.com; WIDA: www.sbcindustries.com; ICC: www.ICCSafe.org.

12/19/2012

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

12/19/2012

DUR.FAC.	1.25	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor, ** - R34)

Top	chord	2x4	SP_#2	12A
Bot	chord	2x4	SP_#2	12A
	Webbs	2x4	SP_#2	12A

120 mph wind, 31.40 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

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

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

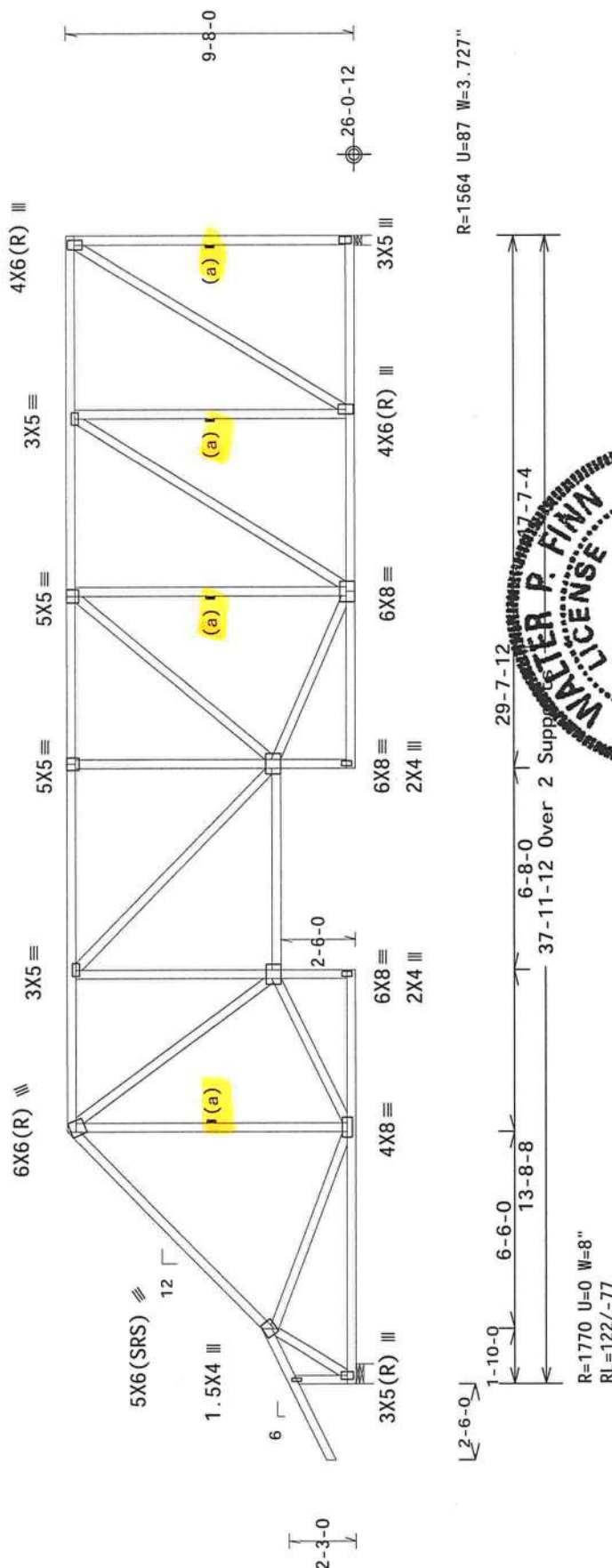
End verticals not exposed to wind pressure.

(a) Continuous lateral bracing equally spaced on member.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

WWFERS loads based on trusses located at least 31.40 ft. from roof edge.



PLT TYP. Wave

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

FL/-/5/-/-/R/-
Scale = .1875"/Ft.

REF	R9114-	87119
DATE	12/19/12	
DRW	HCUSR9114	12354301
HC-ENG	SSB-/WPF	
SEQN-	285486	
FROM	SDY	
JREF-	1US59114Z05	

****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. The contractor must follow the latest edition of BCSI (Building Components Safety Information, by TPI and WCA) for all details. If more information is needed, contact TPI at 800-999-6789 or visit our website at www.tpi.com. If you need more information see: ANSI/TPI 1 Sec.2. We can provide more information see: www.tpi.com, www.trussinfo.com, www.wca-usa.com/wca-usa/index.cfm.

ITW Building Components Group Inc. (ITWBGC) shall not be responsible for any deviation from this design due to improper installation or failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation or packaging 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 this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the building designer. See also: ANSI/TPI 1 Sec.2. We can provide more information see: www.tpi.com, www.trussinfo.com, www.wca-usa.com/wca-usa/index.cfm.

12/19/2012

STATE OF FLORIDA
PROFESSIONAL ENGINEER

ALPINE

TW Building Components Group Inc.

Haines City, FL 33844
FL COA #0278

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor, ** - R35)

Top	chord	2x4	SP_#2	12A
Bot	chord	2x4	SP_#2	12A
	Webs	2x4	SP_#2	12A

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

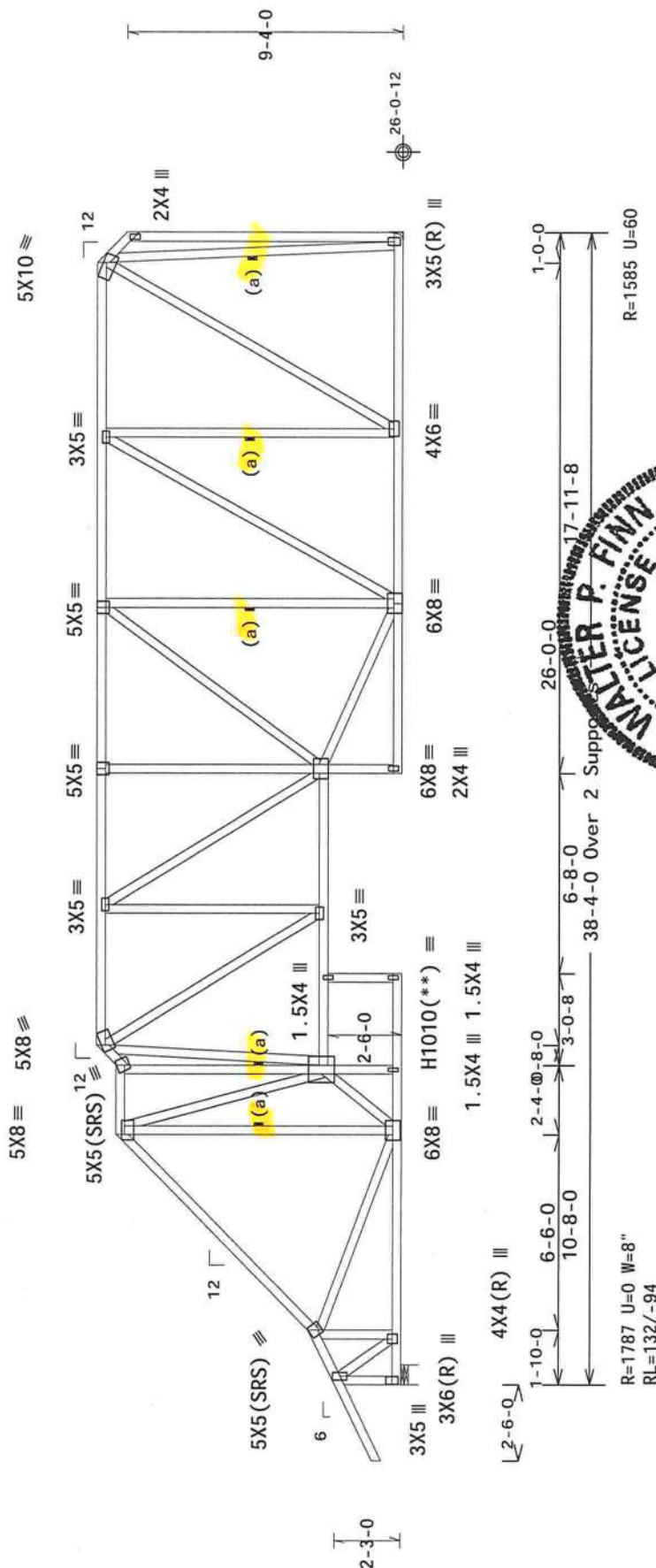
End verticals not exposed to wind pressure.

Calculated horizontal deflection is 0.10" due to live load and 0.15" due to dead load.

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

SNWFRS loads based on trusses located at least 31.73 ft. from roof edge.

Laterally brace BC above filler @ 24" O.C. (or as designed) including a brace on BC directly above both ends of filler (if no rigid diaphragm exists at that point)



PLT TYP. 20 Gauge HS Wave

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

Scale = .1875"/Ft.

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

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

Trusses require extra care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA)

practices prior to performing these functions. Installers shall provide temporary bracing unless noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have properly attached structural sheathing and bracing.

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

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

any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, or for handling, shipping.

Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. Apply plates to each face of truss and position as shown above and on framing or trusses.

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

the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see

CC: www.iccsafo.org
 generate a nucleus page. www.itwocg.com; www.gpinst.org; www.socindustry.co.uk;

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

FL COA #0 278

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - R36)

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

Top	chord	2x4	SP_#2	12A
Bot	chord	2x4	SP_#2	12A
	Webs	2x4	SP_#2	12A

120 mph wind, 31.73 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

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

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

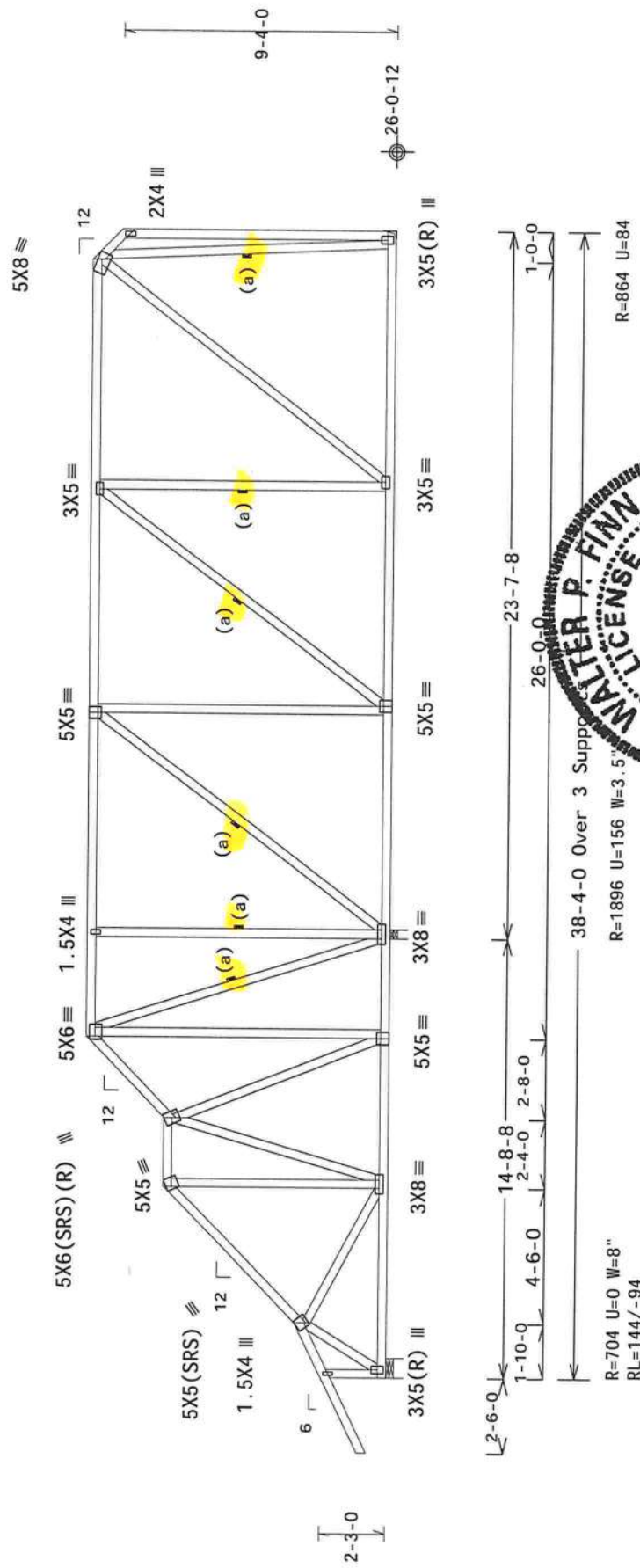
End verticals not exposed to wind pressure.

(a) Continuous lateral bracing equally spaced on member.

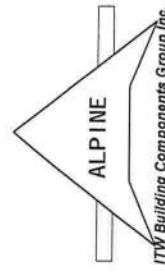
Bottom chord checked for 10.00 psf non-concurrent live load.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

MWFRS loads based on trusses located at least 15.86 ft. from roof edge.



PLT TYP.: Wave

Design Crit: FBC2010Res/TPI-2007(STP)
ET/PT-20W(OW)/10/0

FT/RT=20%(0%

12/19/2012

STATE OF FLORIDA
PROFESSIONAL ENGINEER

12/19/2012

FL/-/5/-/-/R/-		Scale = .1875"/Ft.
TC LL	20.0 PSF	REF R9114- 87121
TC DL	10.0 PSF	DATE 12/19/12
BC DL	10.0 PSF	DRW HCURSR9114 12354303
BC LL	0.0 PSF	HC-ENG SSB/WPF
TOT.LD.	40.0 PSF	SEQN- 285488
DUR.FAC.	1.25	FROM SDY
SPACING	24.0"	JREF- 1US59114Z05

Top	chord	2x4	SP_#2	12A
Bot	chord	2x4	SP_#2	12A
	Webbs	2x4	SP_#2	12A

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

120 mph wind, 31.73 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. GCpl(+/-)=0.18

Wind loads and reactions based on MWFRS.

End verticals not exposed to wind pressure.

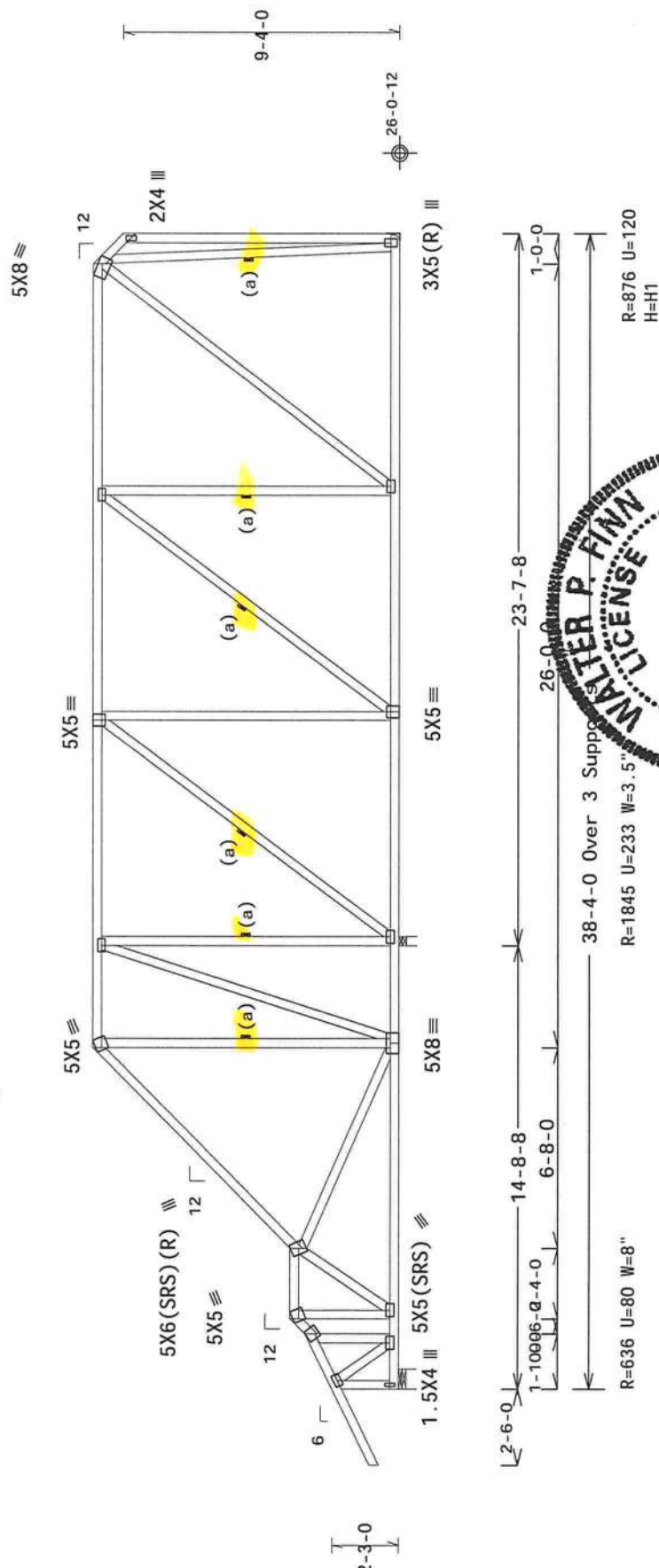
(H1) = (J) Hanger not calculated (2)2x6 SP_#1_Dense_12A supporting member.

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

Special loads
----- (Lumber[illegible]

(a) Continuous lateral bracing equally spaced on member.

Reflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Note: All Plates Are 3X5 Except As Shown.

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

PLT TYP. Wave

Scale = .1875"/Ft.

• IMPORTANT •

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

FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

Trusses require extreme care in fabricating, shipping, installing and bracing. Read and follow the latest edition of BCSI (Building Component Safety Information), by TPI and WTCA for the most current practices prior to performing these functions. Installers shall provide temporary bracing per the BCSI instructions. The BCSI instructions include information on bracing and erecting of trusses. 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. The user of this design shall be responsible for the engineering, shipping, and handling of the product. The user shall place orders for the product in accordance with the instructions on the product, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec. 2. For more information see: This Job's general notes page: ITW-BCG; www.itwbcg.com; TPI: www.tpinet.org; WCA: www.elcindustry.com

ALPINE

ITW Building Components Group Inc.
Haines City, FL 33844
Tel. 800.440.278

12/19/2012

Joint seal on this

TOT.LD.	40.0 PSF	SEQN-	285614
DUR.FAC.	1.25	FROM	SDY
SPACING	24 0"	IRFF-	11IS59114705

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor, ** - R39)

Top chord 2x4 SP_#2_12A :T5 2x4 SP_#1_Dense_12A:
Bot chord 2x6 SP_#1_Dense_12A
Webs 2x4 SP_#2_12A

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

120 mph wind, 31.35 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.

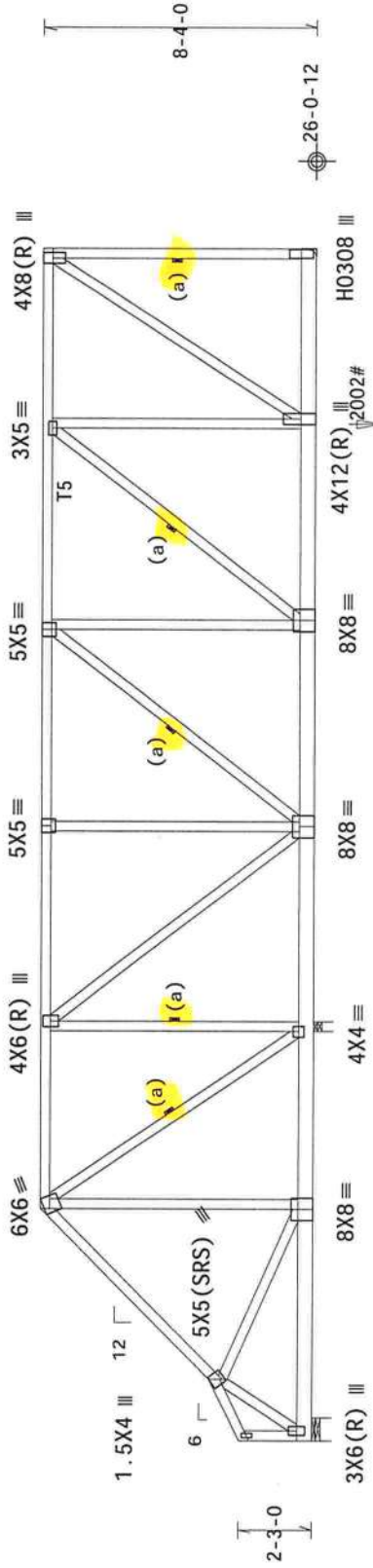
End verticals not exposed to wind pressure.

(H1) = (J) Hanger not calculated (2)2x6 SP_#1_Dense_12A supporting member.

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

(a) Continuous lateral bracing equally spaced on member.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



1-10-0 5-2-0 12-4-8 23-7-8 29-0-0
R=725 U=180 W=7.995"
R=3319 U=731 W=3.5"
R=2887 U=597



PLT TYP. 20 Gauge HS, Wave	Design Crit: FBC2010Res/TPI-2007(STP) FT/RT=20%(0%)/10(0)	FL/-/5/-/-/R/-	Scale =.1875"/Ft.
ALPINE	ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0278	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 R9114- 87124 DATE 12/19/12 DRW HCUSR9114 12354286 HC-ENG SSB/WPF SEQN- 285615 FROM SDY JREF- 1US59114Z05

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor, ** - R40)

Top chord 2x4 SP_#2_12A
Bot chord 2x8 SP_#1_Dense_12A
Webs 2x4 SP_#2_12A

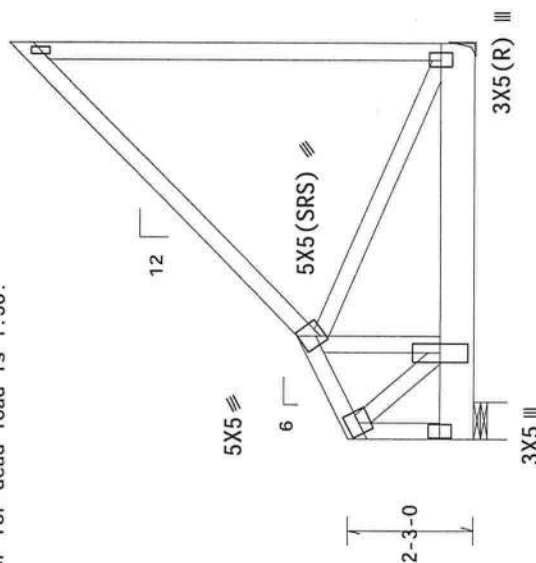
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

120 mph wind, 31.35 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

(H1) = (J) Hanger not calculated (1)2x6 SP_#1_Dense_12A supporting member.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

1.5X4 III



4X12 (R) III

1-10-0

5-2-0

7-0-0 Over 2 Supports

R=1269 U=34 W=8"

H=H1

PLT TYP. Wave

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

Scale = .3125"/Ft.

TC LL	20.0 PSF	FL/-/5/-/-/R/-	REF	R9114-	87125
TC DL	10.0 PSF		DATE	12/19/12	
BC DL	10.0 PSF		DRW	HCU9114	12354287
BC LL	0.0 PSF		HC-ENG	SSB/WPF	
TOT. LD.	40.0 PSF		SEQN-	285616	
DUR. FAC.	1.25		FROM	SDY	
SPACING	24.0"		JREF-	1U559114Z05	

WALTER P. FINN
LICENSE
No. 22839
10.03.10 1223.10
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
12/19/2012

WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and WCA) practices prior to performing these functions. Installers shall provide temporary bracing and bracing details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This Job's TPI-BCSI: www.tpiinc.com, TPI: www.tpinet.org, WCA: www.alcindustry.com, ICC: www.iccsafe.org

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

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor, ** - R41)

Top	chord	2x4	SP_#2	12A
Bot	chord	2x4	SP_#2	12A
	Webs	2x4	SP_#2	12A

120 mph wind, 33.02 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

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

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

End verticals not exposed to wind pressure.

Left cantilever is exposed to wind

(H1) = (J) Hanger not calculated (1)2x8 SP_#1_Dense_12A supporting member.

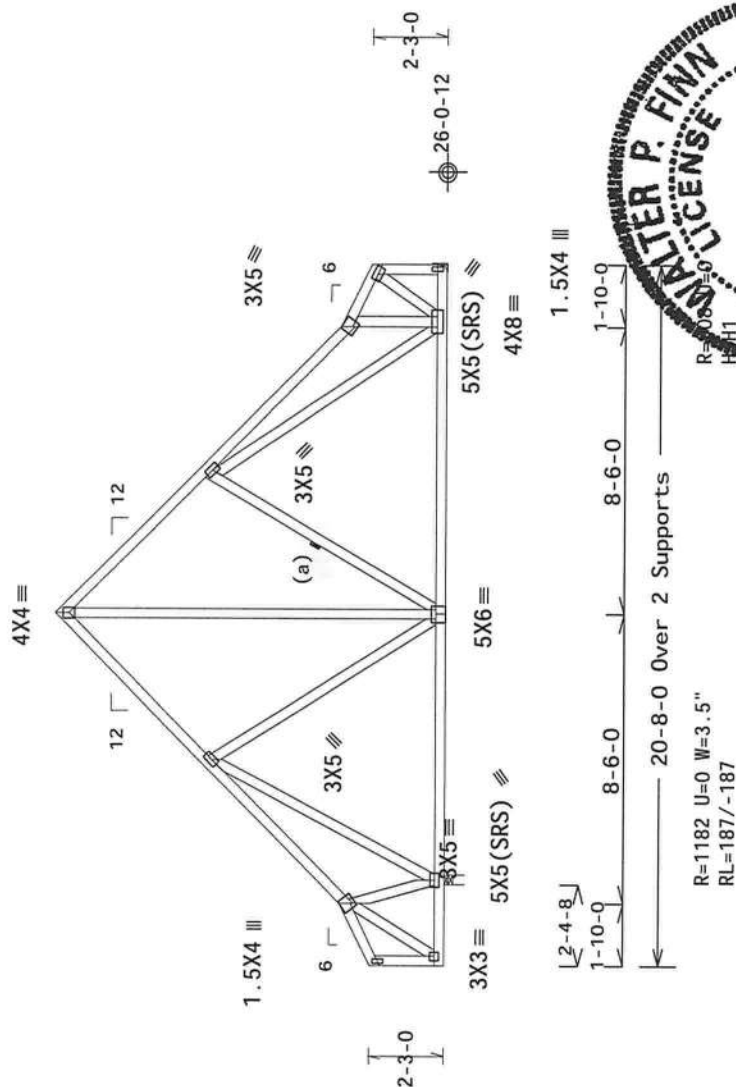
(a) Continuous lateral bracing equally spaced on member.

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

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

MINWFRS loads based on trusses located at least 16.51 ft. from roof edge.



R=1182 U=0 W=3.5"
RL=187/-187

PLT TYP. Wave

Design Crit: FBC2010Res/TPI-2007(STE
ET/RT-20%(0%)/10(0)FL/-/5/-/-/R/-
Scale = .1875"/Ft.

TC LL	20.0	PSF	REF	R9114-	87126
TC DL	10.0	PSF	DATE	12/19/12	
BC DL	10.0	PSF	DRW	HCUSR9114	12354288
BC LL	0.0	PSF	HC-ENG	SSB/WPF	
TOT.LD.	40.0	PSF	SEQN-	285490	
DUR.FAC.	1.25		FROM	SDY	
SPACING	24.0"		JREF-	1US59114Z05	

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

Trusses require someone care in fabricating, handling, shipping, installing and bracing. For more information on the design, fabrication, installation, bracing and testing of roof trusses, contact the American Institute of Steel Construction, Inc., 100 North Dearborn Street, Chicago, IL 60610, (312) 670-1300. For more information on the design, fabrication, installation, bracing and testing of roof trusses, contact the American Institute of Steel Construction, Inc., 100 North Dearborn Street, Chicago, IL 60610, (312) 670-1300.

ITW Building Components Group Inc. (ITWBCC) shall not be responsible for any deviation from this design or specification. ITWBCC shall not be responsible for any failure to build the truss in accordance with ANSI/TPI-1 standards or for any damage resulting from misreading of details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. A seal on the drawing or cover page listing this drawing indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the building designer per ANSI/TPI-1 Sec. 2. For more information see: This Job's ITWBCC: www.itwbc.com; ITWBCC: www@itwbc.net; ITWBCC: www.sdcindustries.com; CC: www.LEESEA@aig.org.

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

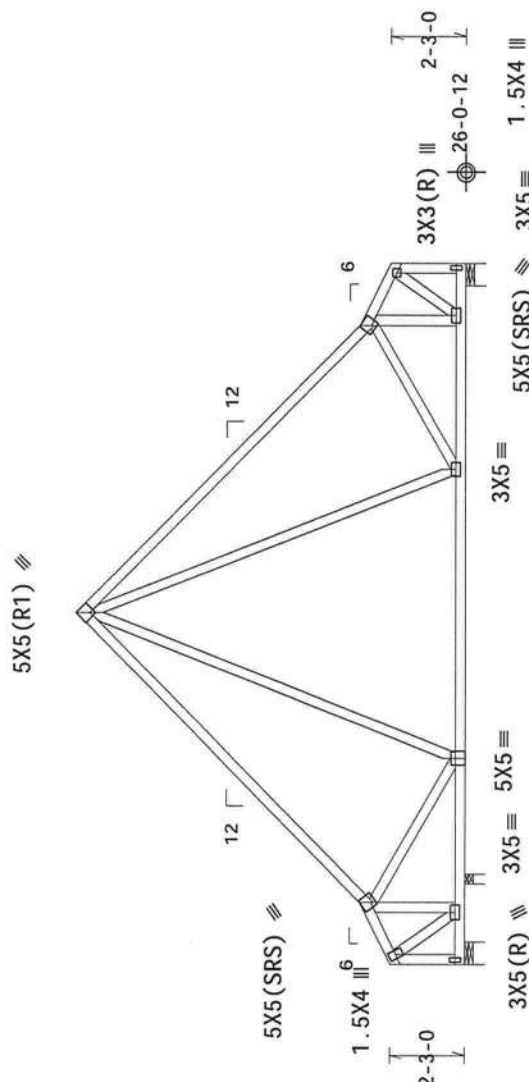
12/19/2012

120 mph wind, 33.02 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.

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

MMWFRS loads based on trusses located at least 16.51 ft. from roof edge.



2-4-8 | 18-3-8 | 1-10-0

10-0 | 8-6-0 | 8-6-0

20-8-0 Over 3 Supports

 $R=177 \quad U=3 \quad W=3.5$ Design Crit: FBC2010Res/TPI-2007(STB)
ET/RT=20%(0%)/10(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 BCS1 (Building Component Safety Information, by TPI and WTCFA) for complete details. Trusses must be braced in accordance with the design and bracing instructions included otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have bracing installed per BCS1 sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (TWBC) shall not be responsible for any deviation from this drawing or specification unless specifically noted by TWBC. All dimensions are given as approximate dimensions. The user must verify all dimensions before fabricating or installing. Apply plates to each face of truss and position as shown above and on the joint details. Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. A seal on this responsibility solely for the design shown. Indicates acceptance of professional engineering responsibility for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per AISI S100, Part 1 Sec. 2. For more information see: www.twbc.com, page TW-BCC-001; www.twbc.com; twb@twbc.com; www.twbc.com; www.twbc.com.



FL/-/5/-/-/R/-		Scale = .1875"/Ft.
TC LL	20.0 PSF	REF R9114- 87127
TC DL	10.0 PSF	DATE 12/19/12
BC DL	10.0 PSF	DRW HCUSR9114 12354201
BC LL	0.0 PSF	HC-ENG SSB/WPF
TOT.LD.	40.0 PSF	SEQN- 285491
DUR.FAC.	1.25	FROM SDY
SPACING	24.0"	JREF- 1US59114Z05

Top	chord	2x4	SP_#2	12A
Bot	chord	2x4	SP_#2	12A
	Webs	2x4	SP_#2	12A

120 mph wind, 32.40 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

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

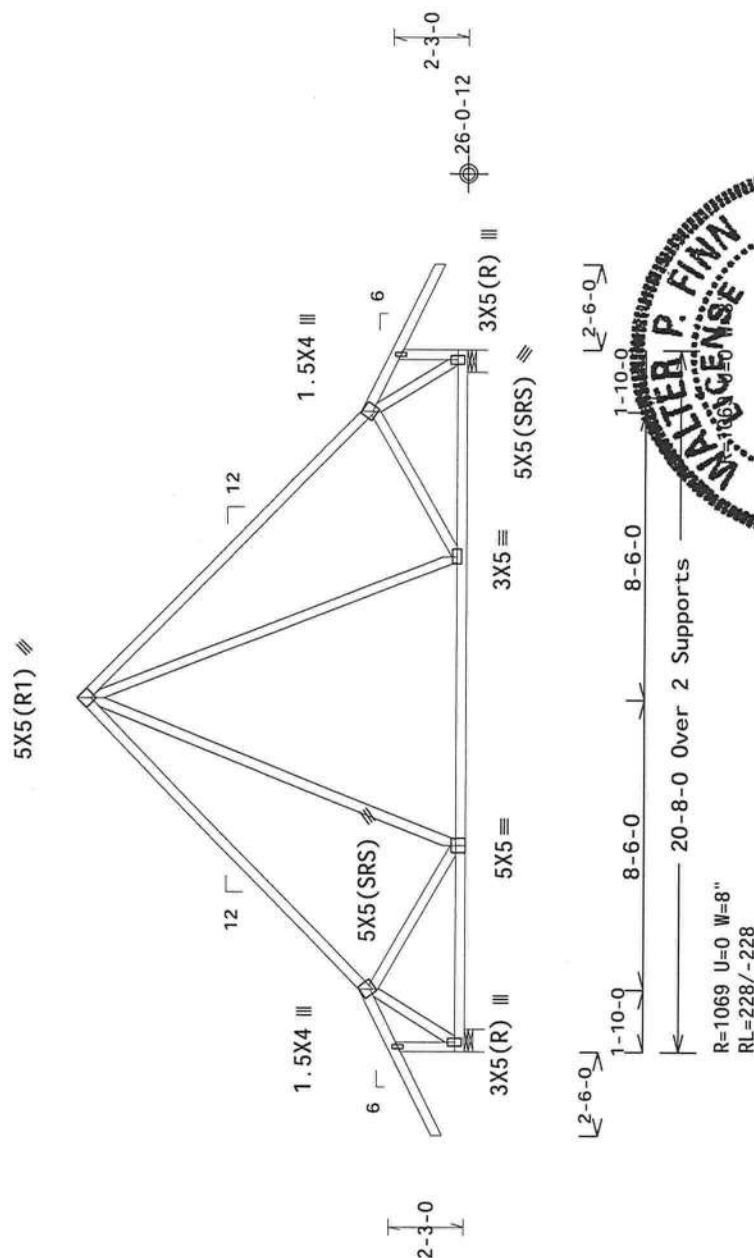
Wind loads and reactions based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

MMFRS loads based on trusses located at least 16.20 ft. from roof edge.



PLT TYP. Wave

Design Crit: FBC2010Res/TPI-2007(ST)
FT/RT=20%(0%)/10(0)FL/-/5/-/-/R/-
Scale = .1875"/Ft.

TC LL	20.0	PSF	REF R9114- 87128
TC DL	10.0	PSF	DATE 12/19/12
BC DL	10.0	PSF	DRW HCUSR9114 12354202
BC LL	0.0	PSF	HC-ENG SSB/WPF
TOT.LD.	40.0	PSF	SEQN- 285492
DUR.FAC.	1.25		FROM SDY
SPACING	24.0"		JREF- 1US59114Z05

STATE OF FLORIDA
PROFESSIONAL ENGINEER
12199
DAVID A. HINES
12/19/2012

12/19/2012

TW Building Components Group Inc.
Haines City, FL 33844
Tel: 800 440 9278

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - R44)

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

120 mph wind, 32.40 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

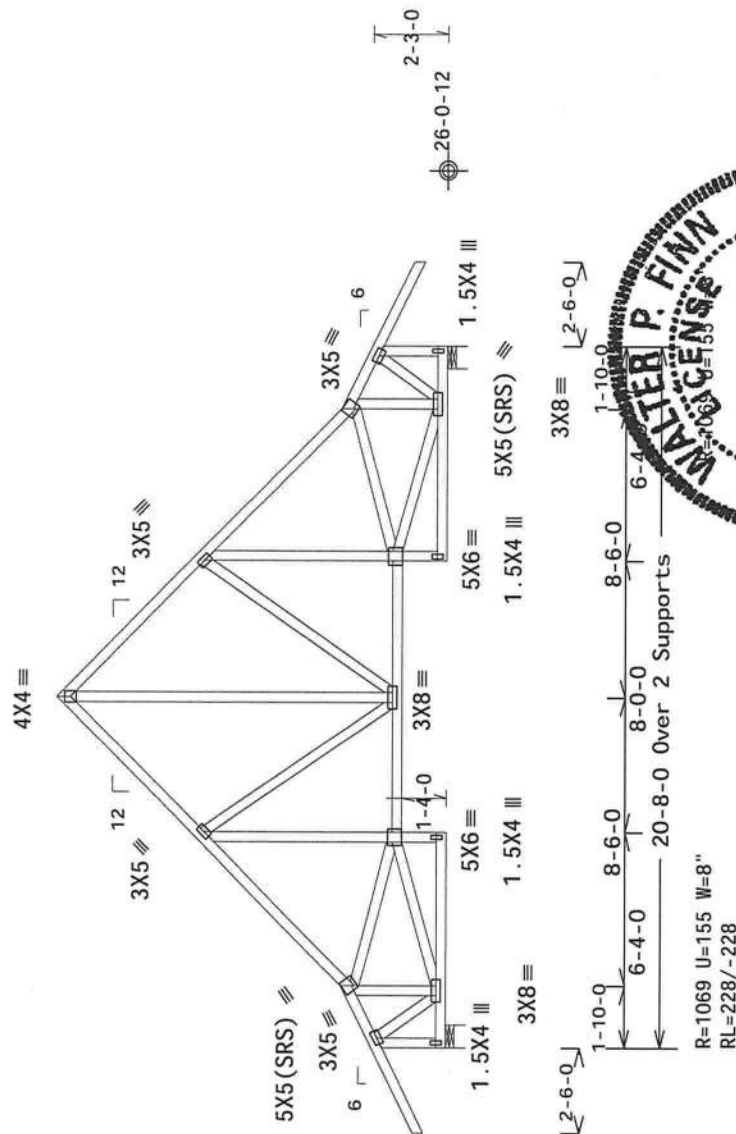
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

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

End verticals not exposed to wind pressure.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



PLT TYP. Wave

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

Scale = .1875"/Ft.

TC LL	20.0 PSF	REF	R9114- 87129
TC DL	10.0 PSF	DATE	12/19/12
BC DL	10.0 PSF	DRW	HCUSR9114 12354203
BC LL	0.0 PSF	HC-ENG	SSB/WPF
TOT. LD.	40.0 PSF	SEQN-	285493
DUR. FAC.	1.25	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05

ALPINE

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

STATE OF FLORIDA
PROFESSIONAL ENGINEER
No. 22839
WALTER P. FINN
12/19/2012

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 BCS1 (Building Component Safety Information, by TPI and WTA) for practices prior to performing these functions. Installers shall provide temporary bracing per BCS1 and have properly attached structural sheathing and bottom chord bracing. Trusses shall have bracing installed per BCS1 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, including installation & bracing of trusses. Apply plates to each face of truss and position as shown above and on the joint details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the building designer per ANSI/TPI 1 Sec.2. For more information see: This job's general notes page. ITW-BCG: www.itwbcg.com, TPI: www.tpiinc.org, WTA: www.structure.com, ICC: www.iccsafe.org.

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - R46)

Top chord 2x6 SP_#1_Dense_12A
Bot chord 2x4 SP_#2_12A
Webs 2x4 SP_#2_12A

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

120 mph wind, 28.06 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.

(H1) = (J) Hanger not calculated (2)2x8 SP_#1_Dense_12A supporting member.
(H2) = (J) Hanger not calculated (2)2x8 SP_#1_Dense_12A supporting member.

Truss must be installed as shown with top chord up.

Special loads

TC- From 60 plf at 0.00 to 60 plf at 3.82	Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
BC- From 20 plf at 0.00 to 20 plf at 3.82	
TC- 338.36 lb Conc. Load at 0.28, 2.77	
TC- 347.79 lb Conc. Load at 0.67, 2.40	
TC- 353.16 lb Conc. Load at 0.97, 2.08	
TC- 356.33 lb Conc. Load at 1.26, 1.80	
TC- 357.34 lb Conc. Load at 1.52	
TC- 309.70 lb Conc. Load at 3.67	

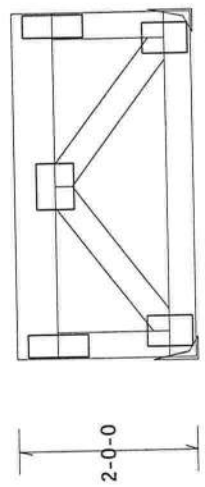
End verticals not exposed to wind pressure.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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

3X8 III 5X6 III 3X8 III



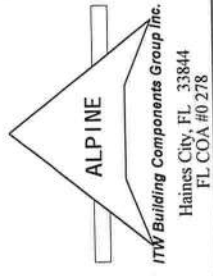
4X6(R) III 4X6(R) III

< 3-9-13 Over 2 Supports >

R=2053 U=1031
H=H1
R=1710 U=852
H=H2

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

PLT TYP. Wave



IMPORTANT: READ AND FOLLOW ALL NOTES ON THIS SHEET

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. R... follow the IBC and BCS (Building Component Safety Information, by TPI and WTCA) for... Unless noted otherwise, top chord shall have properly attached structural sheathing and... 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... any failure to build the truss in conformance with ANSI/TPI 1, or for any deviation from this... Bracing of trusses. Apply places to each face of top chord as shown above and on the Joint... Details, unless noted otherwise, shall be in accordance with the IBC and BCS for standard plate positions. A seal on this... drawing is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information... general notes page: ITR-BCG: www.itwbcg.com; TPI: www.tpiinst.org; WTCA: www.sectabody.com; ICC: www.iccsafe.org

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

TC LL	20.0 PSF	REF	R9114- 87131
TC DL	10.0 PSF	DATE	12/19/12
BC DL	10.0 PSF	DRW	HCUSR9114 12354290
BC LL	0.0 PSF	HC-ENG	SSB/WPF
TOT.LD.	40.0 PSF	SEQN-	285618
DUR.FAC.	1.25	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - R47)

Top chord 2x4 SP_#2_12A
Bot chord 2x4 SP_#2_12A
Webs 2x4 SP_#2_12A
:Rt Bearing Leg 2x4 SP_#2_12A:

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

Left end vertical not exposed to wind pressure.

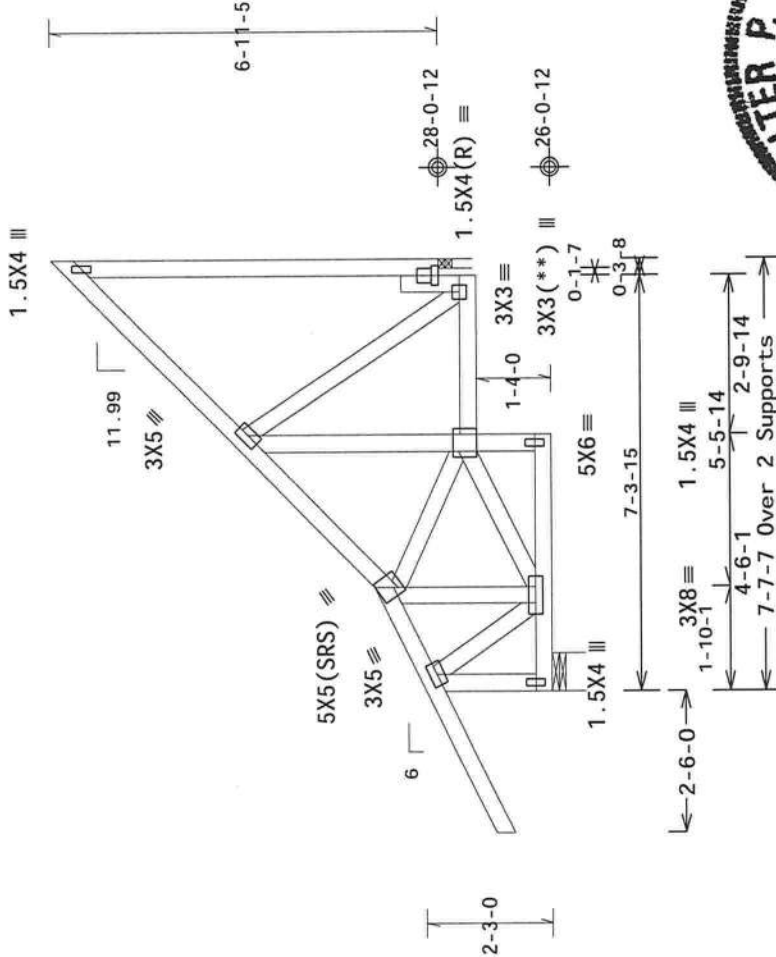
Bottom chord checked for 10.00 psf non-concurrent live load.

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

120 mph wind, 31.03 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

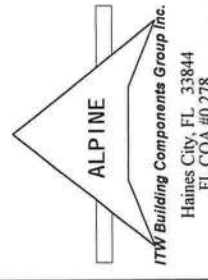
Wind loads and reactions based on MWFRS with additional C&C member design.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET!
****IMPORTANT**** FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Component Safety) Information, by TPI and WCA. 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. The user of this design shall be responsible for the design of the truss and the installation of the truss and the design of the building. Refer to drawings 160A-2 for standard plate positions. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec. 2. For more information see: This Job's general notes page; ITW-BCG: www.fcbcg.com; TPI: www.tpiinc.org; WCA: www.alcindustry.com; ICC: www.iccsafe.org

PLT TYP. Wave



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

R=503 U=0 W=8.006"
RL=222/-63
R=310 U=168

Scale = .3125"/Ft.

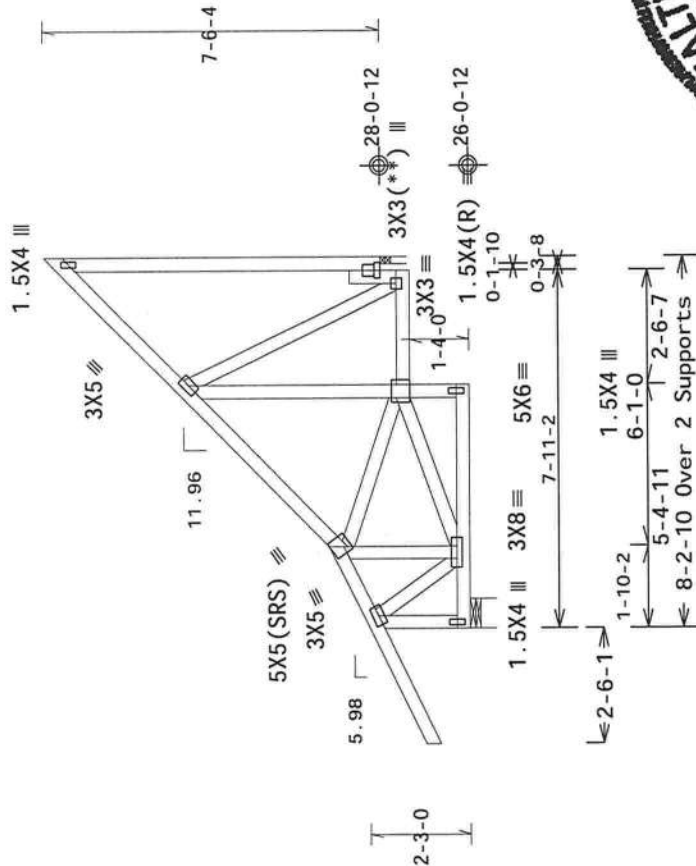
TC LL	20.0 PSF	FL/-/5/-/-/R/-	REF	R9114- 87132
TC DL	10.0 PSF		DATE	12/19/12
BC DL	10.0 PSF		DRW	HCUSR9114 12354291
BC LL	0.0 PSF		HC-ENG	SSB/WPF
TOT.LD.	40.0 PSF		SEQN-	285494
DUR.FAC.	1.25		FROM	SDY
SPACING	24.0"		JREF-	1US59114Z05

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

120 mph wind, 31.32 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.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



R=528 U=0 W=8.007"
RL=240/-66
R=338 U=180 W=1.854"

PLT TYP. Wave

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

FL/-/5/-/-/R/-/
Scale = .25"/Ft.

TC LL	20.0	PSF	REF	R9114-	87133
TC DL	10.0	PSF	DATE	12/19/12	
BC DL	10.0	PSF	DRW	HCUSR9114	12354292
BC LL	0.0	PSF	HC-ENG	SSB/WPF	
TOT.LD.	40.0	PSF	SEQN-	285495	
DUR.FAC.	1.25		FROM	SDY	
SPACING	24.0"		JREF-	1US9114Z05	

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

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

Trussess require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BC51 (Building Component Safety Information, by TPI and WITCA) for all bracing and installation details. Trussess shall provide temporary bracing per the details shown. Trussess shall provide all other details shown for permanent lateral restraint of the trusses.

Business noted otherwise, top chord shall have proportions shown for permanent lateral restraint of the trusses installed per BC51 sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design. ITWBCG shall be responsible, along with ANSI/TPI 1, for handling, shipping, installation & unloading of crusses. Apply plates to each face of cruss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec. 2, or more information, call: This job's general notes page, ITW-BGCG: www.itwbcg.com. For more information, call: www.itwbcg.com. ITWBCG: www.itwbcg.com.



12/19/2012

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

Top chord 2x4 SP #2 12A
Bot chord 2x4 SP #2 12A
Webs 2x4 SP #2 12A
Rt Bearing Leg 2x4 SP #2 12A:

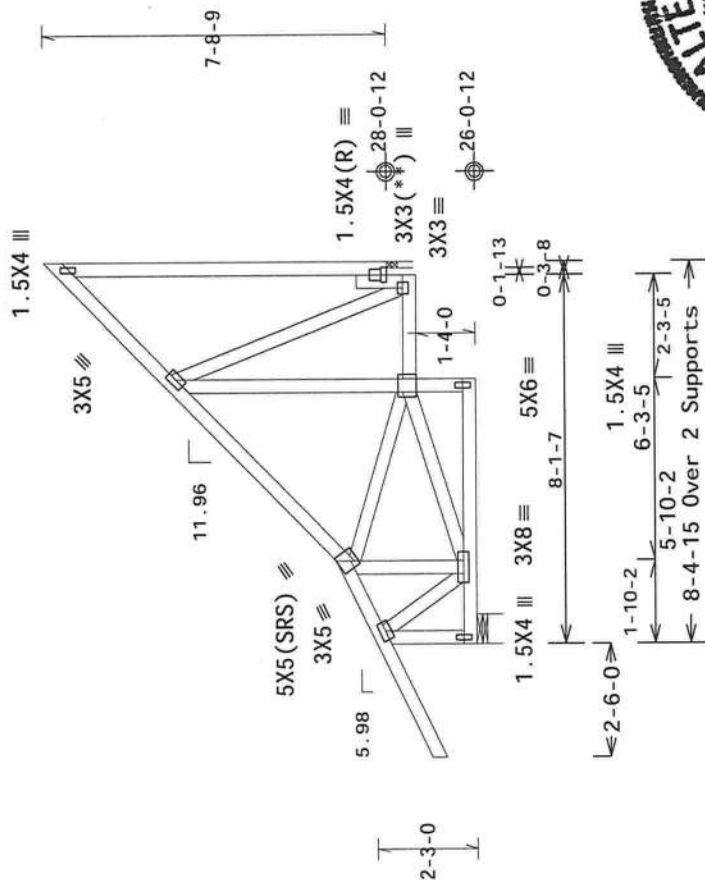
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

Left end vertical not exposed to wind pressure.

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

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



R=535 U=0 W=8.006"

RL=246/-68

R=348 U=184 W=1.684

RL=246/-68

PLT TYP. Wave

Design Crit: $\text{FBC2010Res/TPI-2007(ST)}_{\text{FT/RT}=20\%(0\%)/10(0)}$

FL/-/5/-/-/R/-
Scale = .25"/Ft.

REF	R9114 -	87134
DATE	12/19/12	
DRW	HCUSR9114	12354275
HC-ENG	SSB/WPF	
SEQN -	285496	
FROM	SDY	
JREF -	1US59114Z05	

••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. Follow the latest edition of BCSP (Building Component Safety Information), by following all safety practices prior to performing these functions. Installers shall provide competent personnel to install trusses. Trusses shall be installed in accordance with the instructions noted otherwise, top chord shall have properly attached structural sheathing. Trusses shall have a properly attached rigid ceiling. Locations shown for permanent bracing shall have bracing installed per BCSP sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBC) shall be responsible for any deviation from this design. Only the design of the building structure is covered by this specification. ITWBC shall be responsible for any deviation from this design. Only the design of the building structure is covered by this specification. ITWBC shall be responsible for any deviation from this design. Only the design of the building structure is covered by this specification.



12/19/2012

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

(120912--Anderson Truss Co. --Patel Residence -- Lot 1 Hills Of Windsor , ** - R50)

Top chord 2x4 SP_#2_12A
Bot chord 2x4 SP_#2_12A
Webs 2x4 SP_#2_12A
:Rt Bearing Leg 2x4 SP_#2_12A:

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

Left end vertical not exposed to wind pressure.

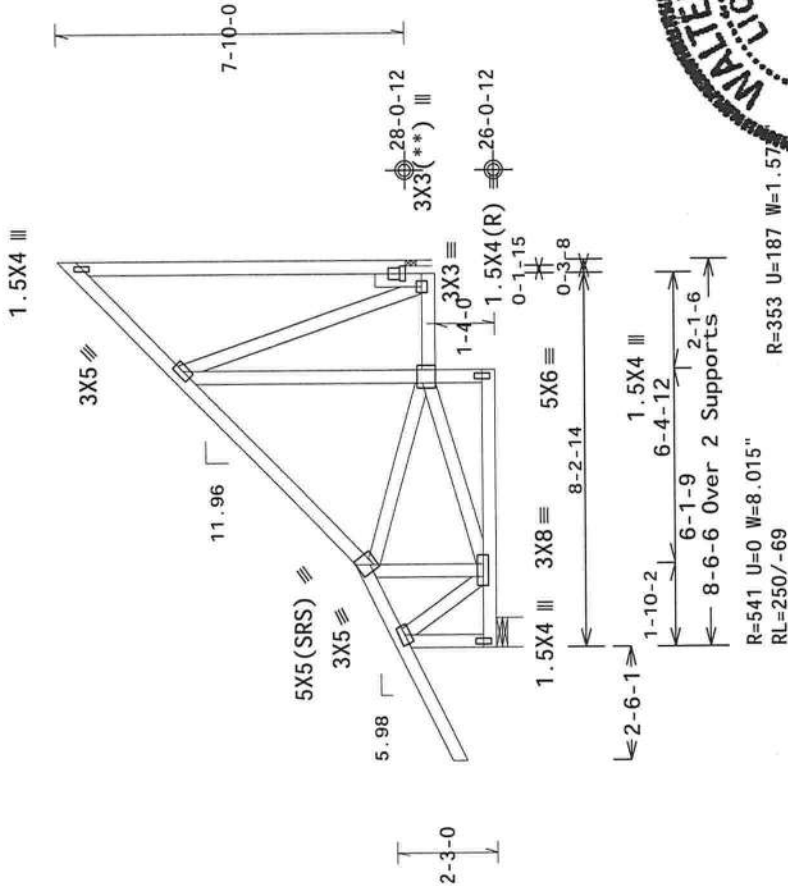
Bottom chord checked for 10.00 psf non-concurrent live load.

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

120 mph wind, 31.48 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.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



PLT TYP. Wave

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

R=353 U=187 W=1.57
RL=250/-69

Scale = .25" /Ft.

FL/-/5/-/-/R/-	REF	R9114- 87135
TC LL	20.0 PSF	
TC DL	10.0 PSF	DATE 12/19/12
BC DL	10.0 PSF	DRW HCUSR9114 12354219
BC LL	0.0 PSF	HC-ENG SSB/WPF
TOT.LD.	40.0 PSF	SEQN- 285497
DUR.FAC.	1.25	FROM SDY
SPACING	24.0"	JREF- 1US9114Z05

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. Be sure to follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for practices prior to performing these functions. Installers shall provide temporary bracing per 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-B60; www.itw-b60.com; TPI: www.tpiinc.org; WTCA: www.slciindustry.com; ICC: www.iccsafe.org

ALPINE

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

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - R51)

Top chord 2x4 SP_#2_12A
Bot chord 2x4 SP_#2_12A
Webs 2x4 SP_#2_12A
:Rt Bearing Leg 2x4 SP_#2_12A:

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

Left end vertical not exposed to wind pressure.

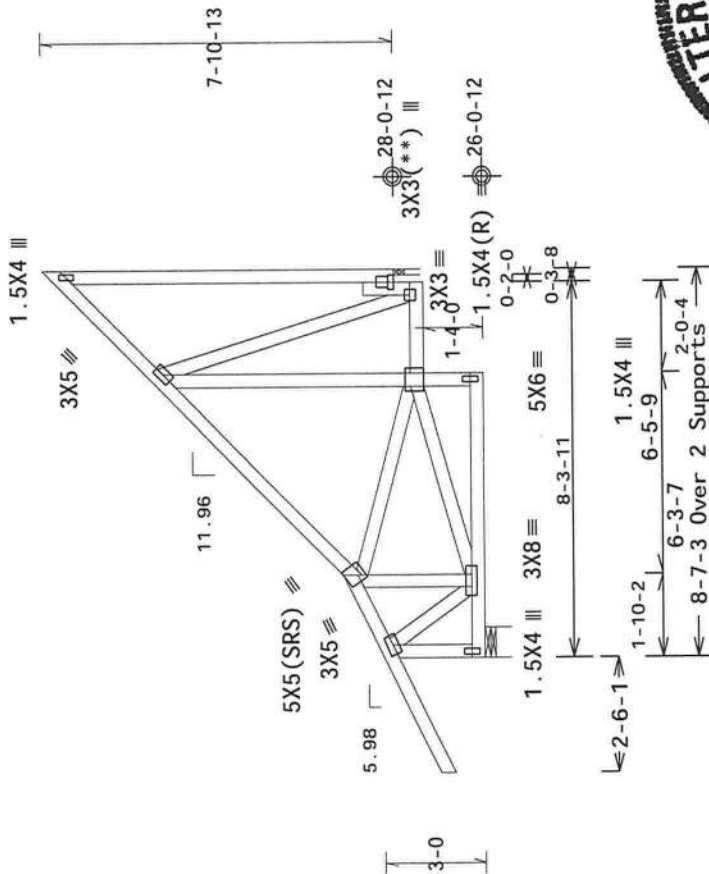
Bottom chord checked for 10.00 psf non-concurrent live load.

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

120 mph wind, 31.51 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.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



R=543 U=0 W=8.004"
RL=252/-69

R=356 U=188 W=1.5

PLT TYP. Wave

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

Scale = .25" / Ft.

REF	R9114- 87136
DATE	12/19/12
DRW	HCUSR9114 12354220
HC-ENG	SSB/WPF
SEQN-	285498
FROM	SDY
JREF-	1US59114Z05

ALPINE

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

STATE OF FLORIDA

PROFESSIONAL ENGINEER

WALTER P. FINN

LICENSE

No. 22839

12/19/2012

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the instructions and details provided in the drawings and specifications. Do not alter or modify the design without the written approval of the designer. The designer is not responsible for the adequacy of the design for any structure other than that shown on this drawing. The designer is not responsible for the adequacy of the design for any structure other than that shown on this drawing. The designer is not responsible for the adequacy of the design for any structure other than that shown on this drawing.

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, installation, 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 1800-2, 1800-3, 1800-4, 1800-5, 1800-6, 1800-7, 1800-8, 1800-9, 1800-10, 1800-11, 1800-12, 1800-13, 1800-14, 1800-15, 1800-16, 1800-17, 1800-18, 1800-19, 1800-20, 1800-21, 1800-22, 1800-23, 1800-24, 1800-25, 1800-26, 1800-27, 1800-28, 1800-29, 1800-30, 1800-31, 1800-32, 1800-33, 1800-34, 1800-35, 1800-36, 1800-37, 1800-38, 1800-39, 1800-40, 1800-41, 1800-42, 1800-43, 1800-44, 1800-45, 1800-46, 1800-47, 1800-48, 1800-49, 1800-50, 1800-51, 1800-52, 1800-53, 1800-54, 1800-55, 1800-56, 1800-57, 1800-58, 1800-59, 1800-60, 1800-61, 1800-62, 1800-63, 1800-64, 1800-65, 1800-66, 1800-67, 1800-68, 1800-69, 1800-70, 1800-71, 1800-72, 1800-73, 1800-74, 1800-75, 1800-76, 1800-77, 1800-78, 1800-79, 1800-80, 1800-81, 1800-82, 1800-83, 1800-84, 1800-85, 1800-86, 1800-87, 1800-88, 1800-89, 1800-90, 1800-91, 1800-92, 1800-93, 1800-94, 1800-95, 1800-96, 1800-97, 1800-98, 1800-99, 1800-100, 1800-101, 1800-102, 1800-103, 1800-104, 1800-105, 1800-106, 1800-107, 1800-108, 1800-109, 1800-110, 1800-111, 1800-112, 1800-113, 1800-114, 1800-115, 1800-116, 1800-117, 1800-118, 1800-119, 1800-120, 1800-121, 1800-122, 1800-123, 1800-124, 1800-125, 1800-126, 1800-127, 1800-128, 1800-129, 1800-130, 1800-131, 1800-132, 1800-133, 1800-134, 1800-135, 1800-136, 1800-137, 1800-138, 1800-139, 1800-140, 1800-141, 1800-142, 1800-143, 1800-144, 1800-145, 1800-146, 1800-147, 1800-148, 1800-149, 1800-150, 1800-151, 1800-152, 1800-153, 1800-154, 1800-155, 1800-156, 1800-157, 1800-158, 1800-159, 1800-160, 1800-161, 1800-162, 1800-163, 1800-164, 1800-165, 1800-166, 1800-167, 1800-168, 1800-169, 1800-170, 1800-171, 1800-172, 1800-173, 1800-174, 1800-175, 1800-176, 1800-177, 1800-178, 1800-179, 1800-180, 1800-181, 1800-182, 1800-183, 1800-184, 1800-185, 1800-186, 1800-187, 1800-188, 1800-189, 1800-190, 1800-191, 1800-192, 1800-193, 1800-194, 1800-195, 1800-196, 1800-197, 1800-198, 1800-199, 1800-200, 1800-201, 1800-202, 1800-203, 1800-204, 1800-205, 1800-206, 1800-207, 1800-208, 1800-209, 1800-210, 1800-211, 1800-212, 1800-213, 1800-214, 1800-215, 1800-216, 1800-217, 1800-218, 1800-219, 1800-220, 1800-221, 1800-222, 1800-223, 1800-224, 1800-225, 1800-226, 1800-227, 1800-228, 1800-229, 1800-230, 1800-231, 1800-232, 1800-233, 1800-234, 1800-235, 1800-236, 1800-237, 1800-238, 1800-239, 1800-240, 1800-241, 1800-242, 1800-243, 1800-244, 1800-245, 1800-246, 1800-247, 1800-248, 1800-249, 1800-250, 1800-251, 1800-252, 1800-253, 1800-254, 1800-255, 1800-256, 1800-257, 1800-258, 1800-259, 1800-260, 1800-261, 1800-262, 1800-263, 1800-264, 1800-265, 1800-266, 1800-267, 1800-268, 1800-269, 1800-270, 1800-271, 1800-272, 1800-273, 1800-274, 1800-275, 1800-276, 1800-277, 1800-278, 1800-279, 1800-280, 1800-281, 1800-282, 1800-283, 1800-284, 1800-285, 1800-286, 1800-287, 1800-288, 1800-289, 1800-290, 1800-291, 1800-292, 1800-293, 1800-294, 1800-295, 1800-296, 1800-297, 1800-298, 1800-299, 1800-300, 1800-301, 1800-302, 1800-303, 1800-304, 1800-305, 1800-306, 1800-307, 1800-308, 1800-309, 1800-310, 1800-311, 1800-312, 1800-313, 1800-314, 1800-315, 1800-316, 1800-317, 1800-318, 1800-319, 1800-320, 1800-321, 1800-322, 1800-323, 1800-324, 1800-325, 1800-326, 1800-327, 1800-328, 1800-329, 1800-330, 1800-331, 1800-332, 1800-333, 1800-334, 1800-335, 1800-336, 1800-337, 1800-338, 1800-339, 1800-340, 1800-341, 1800-342, 1800-343, 1800-344, 1800-345, 1800-346, 1800-347, 1800-348, 1800-349, 1800-350, 1800-351, 1800-352, 1800-353, 1800-354, 1800-355, 1800-356, 1800-357, 1800-358, 1800-359, 1800-360, 1800-361, 1800-362, 1800-363, 1800-364, 1800-365, 1800-366, 1800-367, 1800-368, 1800-369, 1800-370, 1800-371, 1800-372, 1800-373, 1800-374, 1800-375, 1800-376, 1800-377, 1800-378, 1800-379, 1800-380, 1800-381, 1800-382, 1800-383, 1800-384, 1800-385, 1800-386, 1800-387, 1800-388, 1800-389, 1800-390, 1800-391, 1800-392, 1800-393, 1800-394, 1800-395, 1800-396, 1800-397, 1800-398, 1800-399, 1800-400, 1800-401, 1800-402, 1800-403, 1800-404, 1800-405, 1800-406, 1800-407, 1800-408, 1800-409, 1800-410, 1800-411, 1800-412, 1800-413, 1800-414, 1800-415, 1800-416, 1800-417, 1800-418, 1800-419, 1800-420, 1800-421, 1800-422, 1800-423, 1800-424, 1800-425, 1800-426, 1800-427, 1800-428, 1800-429, 1800-430, 1800-431, 1800-432, 1800-433, 1800-434, 1800-435, 1800-436, 1800-437, 1800-438, 1800-439, 1800-440, 1800-441, 1800-442, 1800-443, 1800-444, 1800-445, 1800-446, 1800-447, 1800-448, 1800-449, 1800-450, 1800-451, 1800-452, 1800-453, 1800-454, 1800-455, 1800-456, 1800-457, 1800-458, 1800-459, 1800-460, 1800-461, 1800-462, 1800-463, 1800-464, 1800-465, 1800-466, 1800-467, 1800-468, 1800-469, 1800-470, 1800-471, 1800-472, 1800-473, 1800-474, 1800-475, 1800-476, 1800-477, 1800-478, 1800-479, 1800-480, 1800-481, 1800-482, 1800-483, 1800-484, 1800-485, 1800-486, 1800-487, 1800-488, 1800-489, 1800-490, 1800-491, 1800-492, 1800-493, 1800-494, 1800-495, 1800-496, 1800-497, 1800-498, 1800-499, 1800-500, 1800-501, 1800-502, 1800-503, 1800-504, 1800-505, 1800-506, 1800-507, 1800-508, 1800-509, 1800-510, 1800-511, 1800-512, 1800-513, 1800-514, 1800-515, 1800-516, 1800-517, 1800-518, 1800-519, 1800-520, 1800-521, 1800-522, 1800-523, 1800-524, 1800-525, 1800-526, 1800-527, 1800-528, 1800-529, 1800-530, 1800-531, 1800-532, 1800-533, 1800-534, 1800-535, 1800-536, 1800-537, 1800-538, 1800-539, 1800-540, 1800-541, 1800-542, 1800-543, 1800-544, 1800-545, 1800-546, 1800-547, 1800-548, 1800-549, 1800-550, 1800-551, 1800-552, 1800-553, 1800-554, 1800-555, 1800-556, 1800-557, 1800-558, 1800-559, 1800-560, 1800-561, 1800-562, 1800-563, 1800-564, 1800-565, 1800-566, 1800-567, 1800-568, 1800-569, 1800-570, 1800-571, 1800-572, 1800-573, 1800-574, 1800-575, 1800-576, 1800-577, 1800-578, 1800-579, 1800-580, 1800-581, 1800-582, 1800-583, 1800-584, 1800-585, 1800-586, 1800-587, 1800-588, 1800-589, 1800-590, 1800-591, 1800-592, 1800-593, 1800-594, 1800-595, 1800-596, 1800-597, 1800-598, 1800-599, 1800-600, 1800-601, 1800-602, 1800-603, 1800-604, 1800-605, 1800-606, 1800-607, 1800-608, 1800-609, 1800-610, 1800-611, 1800-612, 1800-613, 1800-614, 1800-615, 1800-616, 1800-617, 1800-618, 1800-619, 1800-620, 1800-621, 1800-622, 1800-623, 1800-624, 1800-625, 1800-626, 1800-627, 1800-628, 1800-629, 1800-630, 1800-631, 1800-632, 1800-633, 1800-634, 1800-635, 1800-636, 1800-637, 1800-638, 1800-639, 1800-640, 1800-641, 1800-642, 1800-643, 1800-644, 1800-645, 1800-646, 1800-647, 1800-648, 1800-649, 1800-650, 1800-651, 1800-652, 1800-653, 1800-654, 1800-655, 1800-656, 1800-657, 1800-658, 1800-659, 1800-660, 1800-661, 1800-662, 1800-663, 1800-664, 1800-665, 1800-666, 1800-667, 1800-668, 1800-669, 1800-670, 1800-671, 1800-672, 1800-673, 1800-674, 1800-675, 1800-676, 1800-677, 1800-678, 1800-679, 1800-680, 1800-681, 1800-682, 1800-683, 1800-684, 1800-685, 1800-686, 1800-687, 1800-688, 1800-689, 1800-690, 1800-691, 1800-692, 1800-693, 1800-694, 1800-695, 1800-696, 1800-697, 1800-698, 1800-699, 1800-700, 1800-701, 1800-702, 1800-703, 1800-704, 1800-705, 1800-706, 1800-707, 1800-708, 1800-709, 1800-710, 1800-711, 1800-712, 1800-713, 1800-714, 1800-715, 1800-716, 1800-717, 1800-718, 1800-719, 1800-720, 1800-721, 1800-722, 1800-723, 1800-724, 1800-725, 1800-726, 1800-727, 1800-728, 1800-729, 1800-730, 1800-731, 1800-732, 1800-733, 1800-734, 1800-735, 1800-736, 1800-737, 1800-738, 1800-739, 1800-740, 1800-741, 1800-742, 1800-743, 1800-744, 1800-745, 1800-746, 1800-747, 1800-748, 1800-749, 1800-750, 1800-751, 1800-752, 1800-753, 1800-754, 1800-755, 1800-756, 1800-757, 1800-758, 1800-759, 1800-760, 1800-761, 1800-762, 1800-763, 1800-764, 1800-765, 1800-766, 1800-767, 1800-768, 1800-769, 1800-770, 1800-771, 1800-772, 1800-773, 1800-774, 1800-775, 1800-776, 1800-777, 1800-778, 1800-779, 1800-780, 1800-781, 1800-782, 1800-783, 1800-784, 1800-785, 1800-786, 1800-787, 1800-788, 1800-789, 1800-790, 1800-791, 1800-792, 1800-793, 1800-794, 1800-795, 1800-796, 1800-797, 1800-798, 1800-799, 1800-800, 1800-801, 1800-802, 1800-803, 1800-804, 1800-805, 1800-806, 1800-807, 1800-808, 1800-809, 1800-810, 1800-811, 1800-812, 1800-813, 1800-814, 1800-815, 1800-816, 1800-817, 1800-818, 1800-819, 1800-820, 1800-821, 1800-822, 1800-823, 1800-824, 1800-825, 1800-826, 1800-827, 1800-828, 1800-829, 1800-830, 1800-831, 1800-832, 1800-833, 1800-834, 1800-835, 1800-836, 1800-837, 1800-838, 1800-839, 1800-840, 1800-841, 1800-842, 1800-843, 1800-844, 1800-845, 1800-846, 1800-847, 1800-848, 1800-849, 1800-850, 1800-851, 1800-852, 1800-853, 1800-854, 1800-855, 1800-856, 1800-857, 1800-858, 1800-859, 1800-860, 1800-861, 1800-862, 1800-863, 1800-864, 1800-865, 1800-866, 1800-867, 1800-868, 1800-869, 1800-870, 1800-871, 1800-872, 1800-873, 1800-874, 1800-875, 1800-876, 1800-877, 1800-878, 1800-879, 1800-880, 1800-881, 1800-882, 1800-883, 1800-884, 1800-885, 1800-886, 1800-887, 1800-888, 1800-889, 1800-890, 1800-891, 1800-892, 1800-893, 1800-894, 1800-895, 1800-896, 1800-897, 1800-898, 1800-899, 1800-900, 1800-901, 1800-902, 1800-903, 1800-904, 1800-905, 1800-906, 1800-907, 1800-908, 1800-909, 1800-910, 1800-911, 1800-912, 1800-913, 1800-914, 1800-915, 1800-916, 1800-917, 1800-918, 1800-919, 1800-920, 1800-921, 1800-922, 1800-923, 1800-924, 1800-925, 1800-926, 1800-927, 1800-928, 1800-929, 1800-930, 1800-931, 1800-932, 1800-933, 1800-934, 1800-935, 1800-936, 1800-937, 1800-938, 1800-939, 1800-940, 1800-941, 1800-942, 1800-943, 1800-944, 1800-945, 1800-946, 1800-947, 1800-948, 1800-949, 1800-950, 1800-951, 1800-952, 1800-953, 1800-954, 1800-955, 1800-956, 1800-957, 1800-958, 1800-959, 1800-960, 1800-961, 1800-962, 1800-963, 1800-964, 1800-965, 1800-966, 1800-967, 1800-968, 1800-969, 1800-970, 1800-971, 1800-972, 1800-973, 1800-974, 1800-975, 1800-976, 1800-977, 1800-978, 1800-979, 1800-980, 1800-981, 1800-982, 1800-983, 1800-984, 1800-985, 1800-986, 1800-987, 1800-988, 1800-989, 1800-990, 1800-991, 1800-992, 1800-993, 1800-994, 1800-995, 1800-996, 1800-997, 1800-998, 1800-999, 1800-1000, 1800-1001, 1800-1002, 1800-1003, 1800-1004, 1800-1005, 1800-1006, 1800-1007, 1800-1008, 1800-1009, 1800-1010, 1800-1011, 1800-1012, 1800-1013, 1800-1014, 1800-1015, 1800-1016, 1800-1017, 1800-1018, 1800-1019, 1800-1020, 1800-1021, 1800-1022, 1800-1023, 1800-1024, 1800-1025, 1800-1026, 1800-1027, 1800-1028, 1800-1029, 1800-1030, 1800-1031, 1800-1032, 1800-1033, 1800-1034, 1800-1035, 1800-1036, 1800-1037, 1800-1038, 1800-1039, 1800-1040, 1800-1041, 1800-1042, 1800-1043, 1800-1044, 1800-1045, 1800-

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - R52)

Top chord 2x4 SP #2_12A
Bot chord 2x4 SP #2_12A
Webs 2x4 SP #2_12A
:Rt Bearing Leg 2x4 SP #2_12A:

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

Left end vertical not exposed to wind pressure.

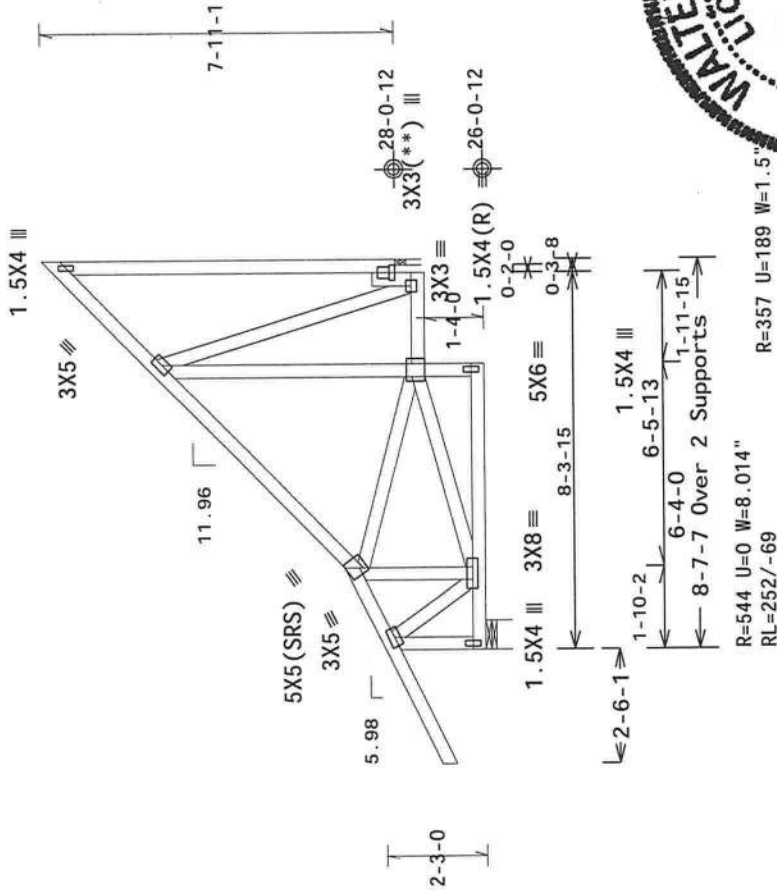
Bottom chord checked for 10.00 psf non-concurrent live load.

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

120 mph wind, 31.52 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.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



PLT TYP. Wave

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

FL/-/5/-/-/R/- Scale =.25"/Ft.

TC LL	20.0 PSF	REF	R9114- 87137
TC DL	10.0 PSF	DATE	12/19/12
BC DL	10.0 PSF	DRW	HCUSR9114 12354221
BC LL	0.0 PSF	HC-ENG	SSB/WPF
TOT.LD.	40.0 PSF	SEQN-	285499
DUR.FAC.	1.25	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05



****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 the International Building Components Group Inc. (ITWBCG) for details and practices prior to performing any work. The truss manufacturer shall have a properly attached rigid collar. Locations shown for permanent lateral restraint of the truss 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, installation & 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 this drawing or cover page listing this drawing, indicates acceptance of professional responsibility for this design for any structure is the responsibility solely 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; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

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

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

120 mph wind, 31.42 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

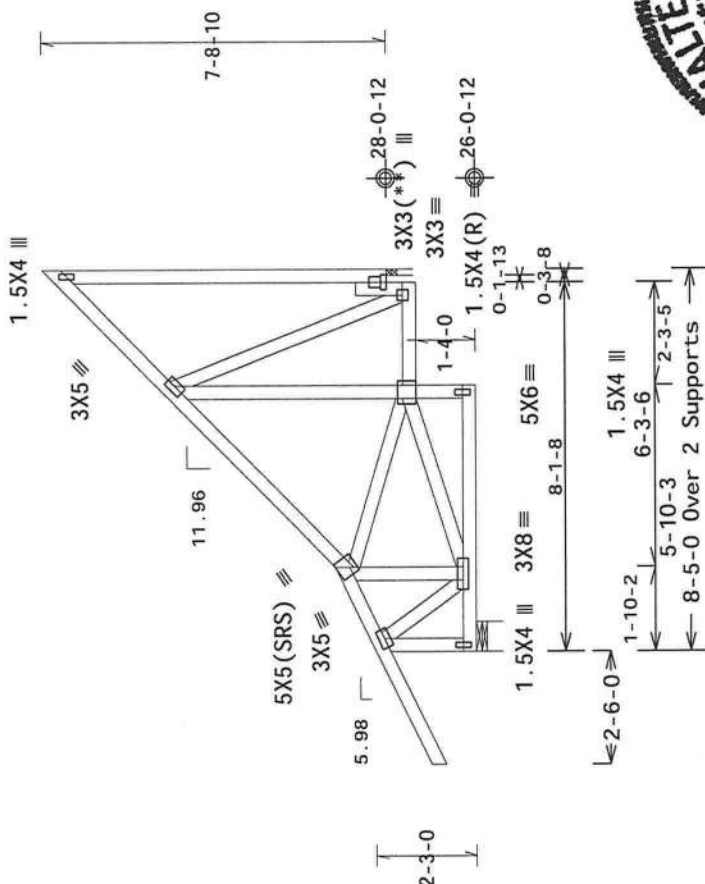
Wind loads and reactions based on MWFRS with additional C&C member design.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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

Left end vertical not exposed to wind pressure.

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



R=535 U=0 W=8.009"
RL=246/-68

R=348 H=185 W=1685

PLT TYP. Wave

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

FL/-/5/-/-/R/-/
Scale = .25"/Ft.

TC LL	20.0	PSF	REF	R9114-	87138
TC DL	10.0	PSF	DATE	12/19/12	
BC DL	10.0	PSF	DRW	HCUSR9114	12354195
BC LL	0.0	PSF	HC-ENG	SSB/WPF	
TOT.LD.	40.0	PSF	SEQN-	285500	
DUR.FAC.	1.25		FROM	SDY	
SPACING	24.0"		IREF-	1US59114Z05	

****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 WCA) for all details and instructions pertaining to the design and installation of trusses. Truss installers shall provide temporary bracing per BCSI requirements until permanent bracing has been installed. Truss installers are responsible for providing lateral restraint at all locations shown for permanent lateral restraint of the trusses. Trusses must have bracing installed per BCSI Sections B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall be responsible for any deviation from this design. ITWBCG shall be responsible for the design of the truss, including the design of the truss members, bracing of trusses, unless noted otherwise. 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 this drawing or cover page listing this drawing. Indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This job's general notes page. ITW-BCG: www.itwbcg.com; ITW: www.itwinc.com; WTA: www.wta-inc.com.



12/19/2012

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

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

120 mph wind, 31.32 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.

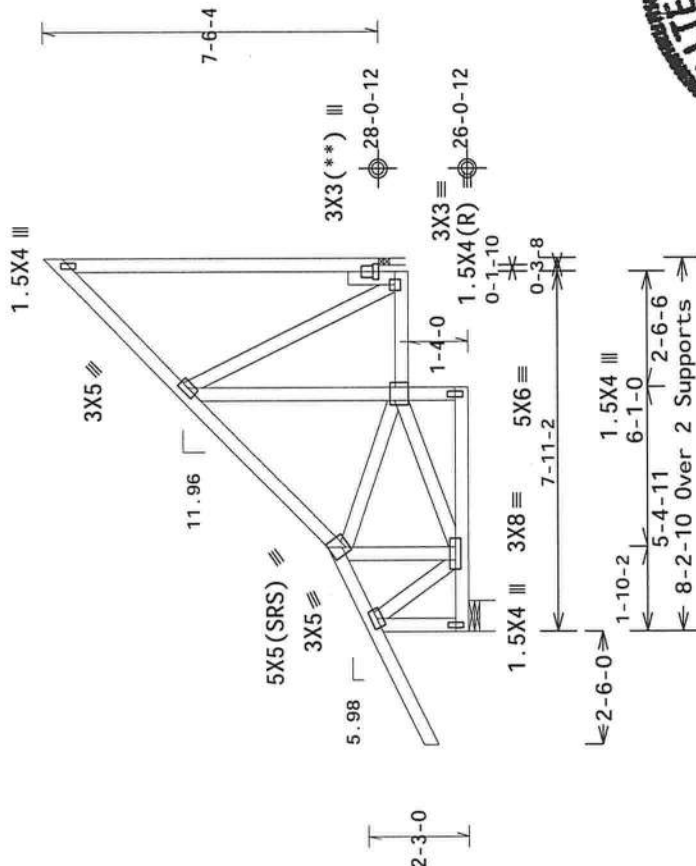
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

Top chord 2x4 SP #2 12A
Bot chord 2x4 SP #2 12A
Webs 2x4 SP #2 12A
Rt Bearing Leg 2x4 SP #2 12A:

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

Left end vertical not exposed to wind pressure.

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



R=527 U=0 W=8.025"
RL=240/-66

R=338 U=180 W=1.854

PLOT TYP.: Wave

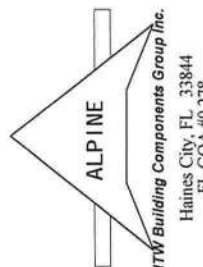
Design Crit: FBC2010Res/TPI-2007(STD)
 $FT/RT=20\%(0\%)/10(0)$ FL/-/5/-/-/R/-
Scale = .25"/Ft.

TC LL	20.0	PSF	REF	R9114-	87139
TC DL	10.0	PSF	DATE	12/19/12	
BC DL	10.0	PSF	DRW	HCUSR9114	12354196
BC LL	0.0	PSF	HC-ENG	SSB/WPF	
TOT.LD.	40.0	PSF	SEQN-	285501	
DUR.FAC.	1.25		FROM	SDY	
SPACING	24.0"		JREF-	1US59114Z05	



12/19/2012

ITW Building Components Group Inc. (TWBCG) shall not be responsible for any deviation from this design due to the use of unapproved materials. The manufacturer shall be responsible for providing complete instructions for proper installation. Any failure to build the truss in conformance with ANSI and positive and negative bending moments shown on the joint drawings shall be the responsibility of the fabricator. The manufacturer shall be responsible for providing complete instructions for proper installation. Any failure to build the truss in conformance with ANSI and positive and negative bending moments shown on the joint drawings shall be the responsibility of the fabricator. The manufacturer shall be responsible for providing complete instructions for proper installation. Any failure to build the truss in conformance with ANSI and positive and negative bending moments shown on the joint drawings shall be the responsibility of the fabricator.



2 COMPLETE TRUSSES REQUIRED

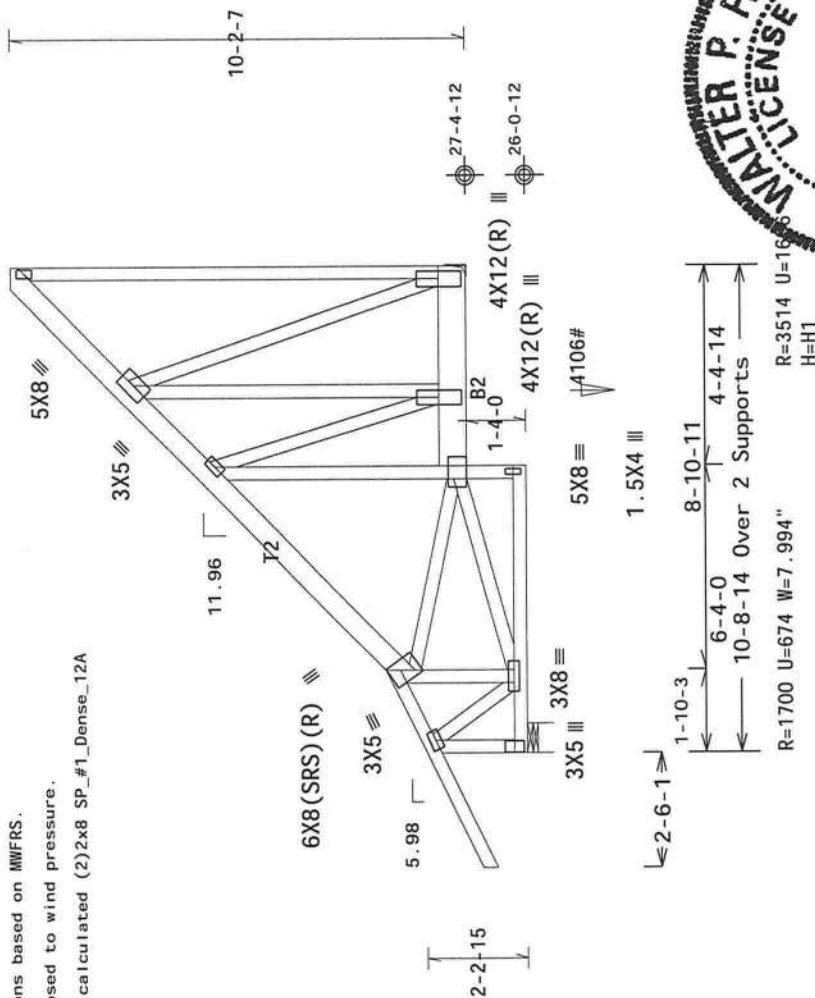
Nail Schedule: 0.128"x3", min. nails
Top Chord: 1 Row @ 12.00" o.c.
Bot Chord: 1 Row @ 3.75" o.c.
Webs: 1 Row @ 4" o.c.

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

120 mph wind, 32.33 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.

Deflection meets L/360 live and L/240 total load. Creep increase

factor for dead load is 1.50.



Design Crit: $\text{FBC2010Res}/\text{TPI}-2007(\text{STE})$
 $\text{FT}/\text{RT}=20\%(0\%)/10(0\%)$

PLT TYP. Wave

Scale = .25"/Ft.

TC LL	20.0	PSF	REF	R9114-	87140
TC DL	10.0	PSF	DATE	12/19/12	
BC DL	10.0	PSF	DRW	HGUSR9114	12354276
BC LL	0.0	PSF	HC-ENG	SSB/WPF	
TOT. LD.	40.0	PSF	SEQN-	285619	
DUR. FAC.	1.25		FROM	SDY	
SPACING	24.0"		JREF-	1US59114Z05	

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

Trusses require extreme care in fabricating, handling, shipping, installing and erecting. For more information, contact BCSI at 1-800-368-7273. Please follow the latest edition of BCSI (Building Component Safety Information, by BCSI) instructions prior to performing these functions. Installers shall provide temporary bracing and shoring for all trusses until the permanent bracing is in place. Trusses noted otherwise, top chord shall have properly attached structural sheathing and shall have a properly attached rigid ceiling. Locations shown for permanent bracing shall have bracing installed per BCSI sections 83, 87 or 810, as applicable.

ITW Building Components Group Inc. (TWBCG) shall be responsible for any deviation from this design or specification and shall be held liable for all damages caused by such deviations. ITW-Building Components Group Inc. shall be responsible for any ANSI/TPI 1 or for handling, shipping, installation & details, unless noted otherwise. Apply places to each face of braces and position as shown above and on the Joint. Refer to drawings 160A-2 For standard plate positions. A seal on this drawing or cover page listing this drawing. Indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec 2. For more information see: This job's general notes page. ITW-BCG: www.itwbcg.com; TWBC: www.primacorp.com; WTC: www.sdcindustrial.com

12/19/2012

ture is

Job's

Trance Co -Patel Residence -- Lot 1 Hills Of Windsor , ** - R56)

120 mph wind, 30.23 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

Bot chord 2x4 SP_#2_12A
Webs 2x4 SP_#2_12A

not vertical: not exposed to wind pressure.

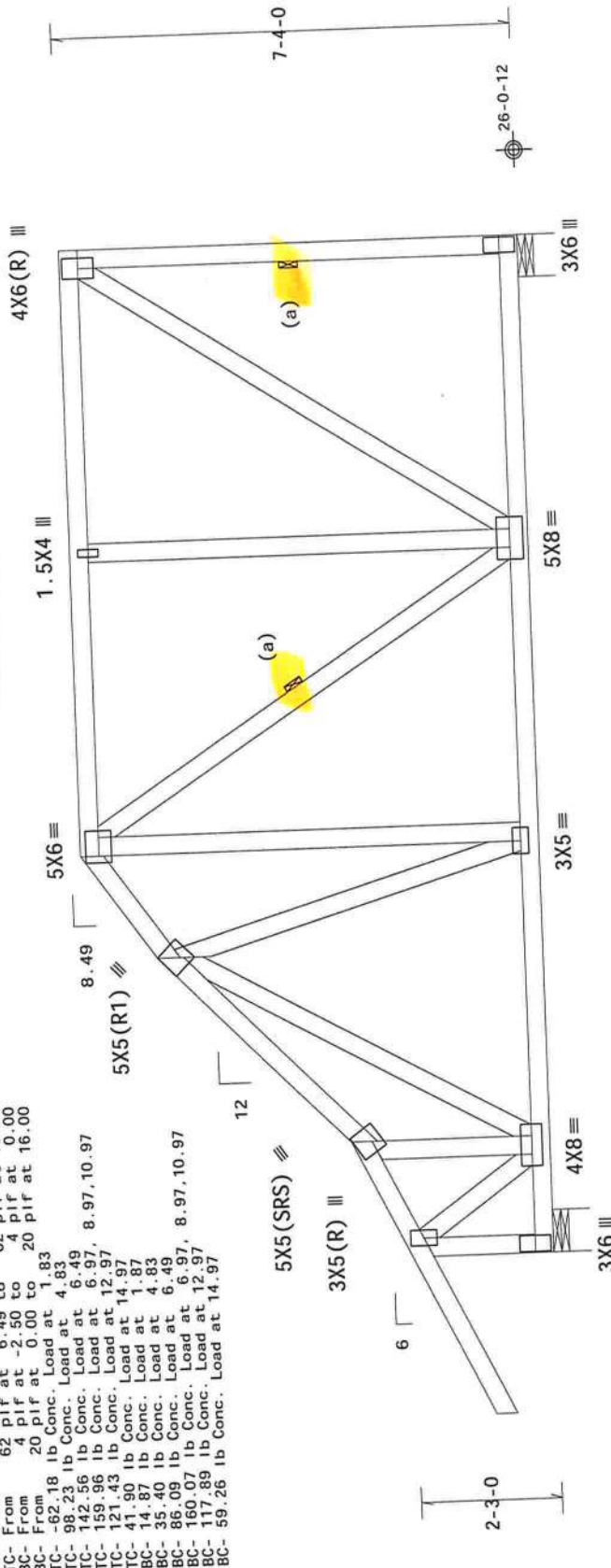
End verticals not exposed to wind pressure.

... equally spaced on member.

(a) Continuous lateral bracing.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



1-10-0 | 2-11-15 | 1-7-14 | 9-6-2000
16-0-0 Over 2 Support
WALTER P. FINN
LIC
1516 IL-382 W=8"
2-1606 IL-398 W=8"

$$scale = 375"/Ft.$$

FL/-/5/-/-/K/-	TC LL	20.0 PSF	REF	R9114- 87141
	TC DL	10.0 PSF	DATE	12/19/12
	BC DL	10.0 PSF	DRW	HCUSR9114 12354277
	BC LL	0.0 PSF	HC-ENG	SSB/WPF
	TOT.LD.	40.0 PSF	SEQN-	285724
	DUR.FAC.	1.25	FROM	SDY
	SPACING	24.0"	REF-	1US59114Z05

Design Crit: FBC2010Res/TPI-2007(S)
 $\frac{FT/DT-20\%(0\%)/10(0)}{10.03.10.133.10}$

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

[illegible]

50811 have bracing installed per BCSI sections 62, 67 or 69. From this date forward, ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design. ITWBCG shall not be responsible for any handling, shipping, installation & erection of the braces and position as shown above and on the Joint Bracing Detail. The contractor shall ensure that all braces are installed in accordance with the design drawings and specifications.

12/19/2012

Bracing of trusses. Apply plates to each face of every chord member at least one-third of the way between panel points. Refer to drawings otherwise. Indicates acceptance of professional engineering details, unless noted drawing or cover page listing this design shown. The suitability and use of this design for any structure is the responsibility solely of the Building Designer per ANSI/TPI-1 Sec. 2. For more information see: This job's specifications, project info; WTCA: www.sbcindustries.com

general notes page: ITW-BLC; www.itwblc.com; IP: www.ipmcs.org
ICC: www.iccsafe.org

100% (continued)

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - R57 2-PLY)

2 COMPLETE TRUSSES REQUIRED

Nail Schedule: 0.128"x3", min. nails

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

Bot Chord: 1 Row @ 3.25" o.c.

Webs : 1 Row @ 4" o.c.

Use equal spacing between rows and stagger nails

in each row to avoid splitting.

(1) 1/2" bolts MAY BE USED FOR (2) 0.128"x3", min. nails ON THE BOTTOM CHORD ONLY.

120 mph wind, 31.10 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.

End verticals not exposed to wind pressure.

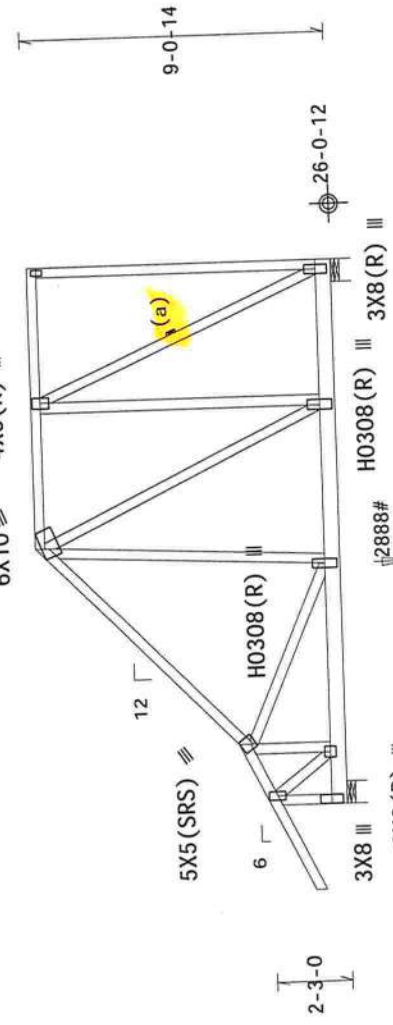
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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

Special loads
Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
-----Lumber
TC- From 62 pif at -2.50 to 62 pif at 1.83
TC- From 68 pif at 1.83 to 68 pif at 7.74
TC- From 62 pif at 7.74 to 62 pif at 16.00
BC- From 4 pif at -2.50 to 4 pif at 0.00
BC- From 20 pif at 0.00 to 20 pif at 16.00
BC- From 2887.44 lb Conc. Load at 7.06
BC- 876.27 lb Conc. Load at 9.06
BC- 884.25 lb Conc. Load at 11.06
BC- 885.30 lb Conc. Load at 13.06
BC- 1585.00 lb Conc. Load at 15.06

(a) Continuous lateral bracing equally spaced on member.

6X10 ≡ 4X6(R) ≡ 2X4 ≡



2-3-0
5X5 (SRS)
12
6
3X8
3X6 (R)
4X4 (R)
1-10-0
5-10-14
8-3-2
16-0-0 Over 2 Supports
R=3385 U=601 W=8"
R=5253 U=933 W=8"

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

Scale = .1875"/Ft.

PLT TYP. 20 Gauge HS, Wave

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

FL COA #0278

FL COA #0278

FL COA #0278

FL COA #0278



FL/-/5/-/R/-	FL/-/5/-/R/-	FL/-/5/-/R/-
TC LL	20.0 PSF	REF R9114- 87142
TC DL	10.0 PSF	DATE 12/19/12
BC DL	10.0 PSF	DRW HCUSR9114 12354278
BC LL	0.0 PSF	HC-ENG SSB/WPF
TOT.LD.	40.0 PSF	SEQN- 285694
DUR.FAC.	1.25	FROM SDY
SPACING	24.0"	JREF- 1US59114Z05

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - R58)

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

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

End verticals not exposed to wind pressure.

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

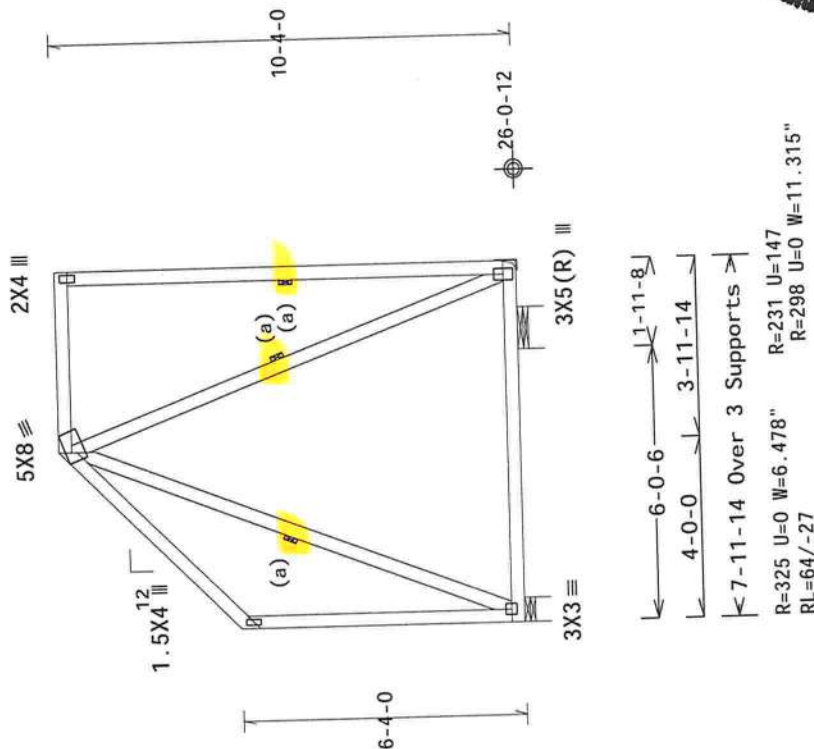
MWFRS loads based on trusses located at least 34.40 ft. from roof edge.

120 mph wind, 34.40 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.

(a) Continuous lateral bracing equally spaced on member.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Design Crit: FBC2010Res/TPI-2007(STB)

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

Follow the latest edition of BCSI (Building Component Safety Information) by the WCA (Wood

practices prior to performing these functions. Installers shall use temporary bracing per

Unless noted otherwise, top chord shall have proper bracing and bottom chord shall

shall have a properly attached ridge beam. 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

any failure to build the truss in accordance with ANSI/TPI 1, or for handling, shipping, installation

bracing of trusses and other components. Refer to drawings 160A-2 for standard plate positions and on this

drawing or cover page listing this design. The drawings 160A-2 for standard plate positions and on this

responsibility solely of the Building Designer. The drawings 160A-2 for standard plate positions and on this

general notes page. ITW-BDG: www.itwbdg.com, TPI: www.tpi.net.org, WCA: www.alcindustry.com; ICC: www.iccsafe.org

PLT TYP. Wave

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

FL COA #0 278



Scale = .25"/Ft.

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

TC LL	20.0 PSF	REF	R9114- 87143
TC DL	10.0 PSF	DATE	12/19/12
BC DL	10.0 PSF	DRW	HOURS9114 12354279
BC LL	0.0 PSF	HC-ENG	SSB/WPF
TOT.LD.	40.0 PSF	SEQN-	285502
DUR.FAC.	1.25	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05

Trans Co - Patel Residence -- Lot 1 Hills Of Windsor , ** - R59)

120 mph wind, 32.35 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, and RC DL=5.0 psf. GCpl (+/-)=0.18

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

Left cantilever is exposed to wind

continuous lateral bracing equally spaced on member.

(a) concurrent live load, 10 00 psf non-concurrent live load.

Bottom chord checked for: at least 64 71 ft from roof

MWFRS 10: 2X4 ||| edge.

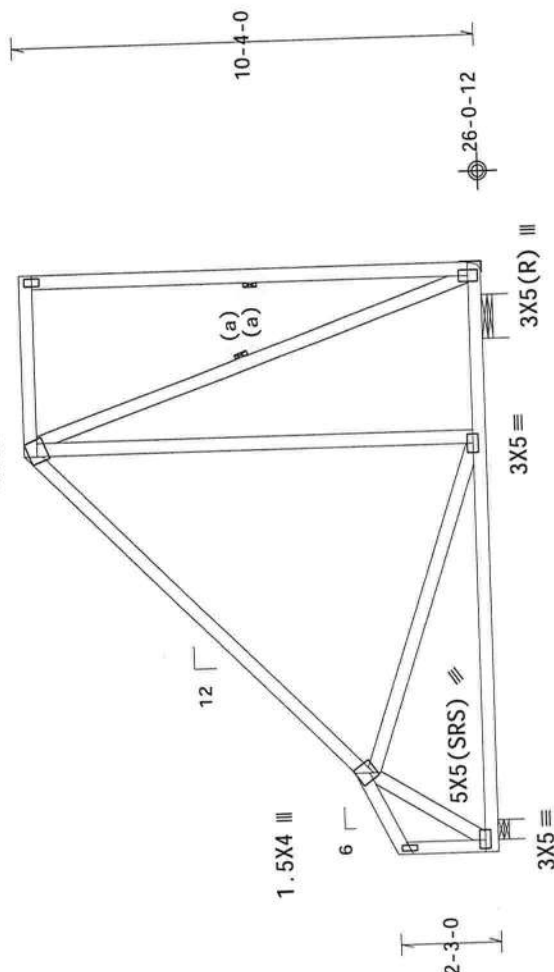


Diagram of a continuous beam with 3 supports. The beam is divided into four spans. The first span is 11-0-8, the second is 7-2-0, the third is 3-11-13, and the fourth is 12-11-14. The total length is 36-0-0. The beam is supported at the ends and at the junctions of the spans. The diagram shows the beam with its supports and the spans labeled with their lengths in feet, inches, and eighths.

0-6-6 11-0-8 7-2-0 3-11-13 12-11-14 Over 3 Supports

1-10-0 1-7-15

R=561 U=0 W=5.25" R=67 U=

RL=127/-50 R=571 U=71

U=H1

[illegible][illegible]

Scale = .25"/Ft.

$\frac{1}{D} \quad \frac{1}{E} \quad \frac{1}{F}$

OFF P9114- 87144

DATE	12/19/12
------	----------

DATE 12/15/12
 12/15/12 12:25:28

DRW HCUSR9114 12354280

HC-ENG SSB/WPF

SEQN-	285503
-------	--------

FROM SDY

JREF- 1US59114Z05

PI T TYP. Wave

ALPINE

ITW Building Components Group Inc.

Haines City FL 33844

FL COA #0 278

120 mph wind, 31.73 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.

Left cantilever is exposed to wind

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

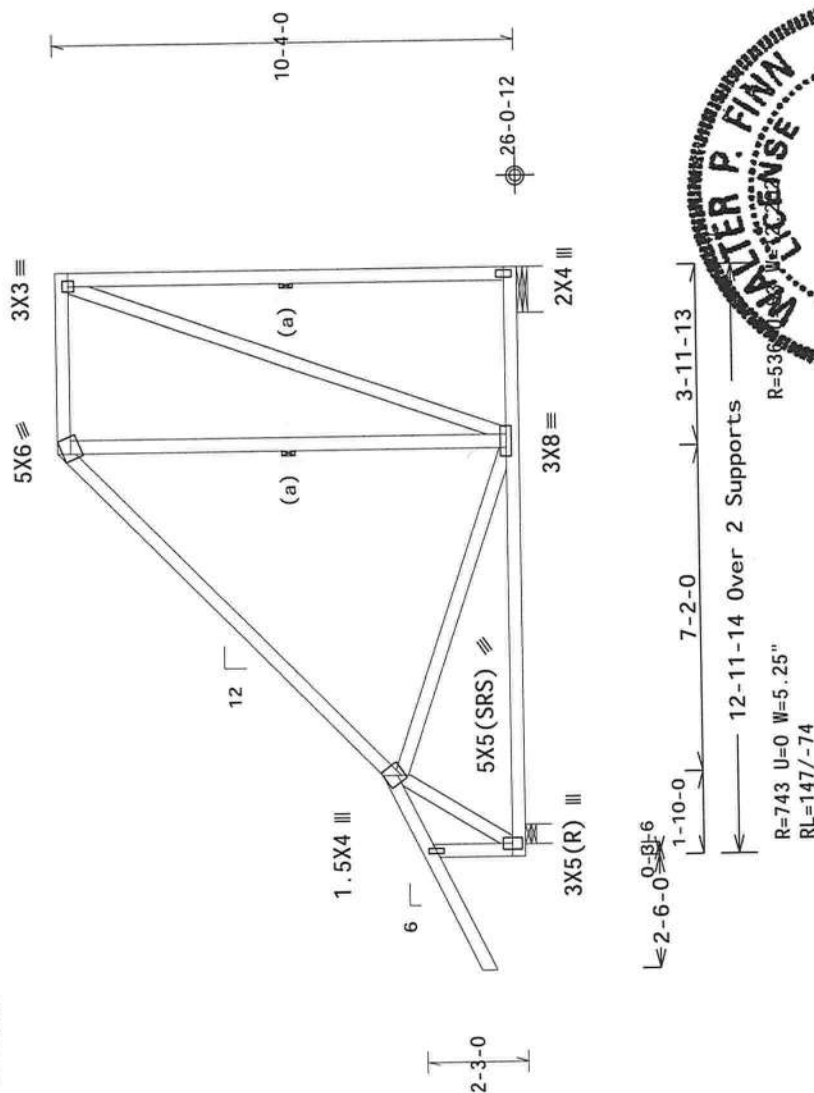
MWFRS loads based on trusses located at least 31.73 ft. from roof edge.

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

End verticals not exposed to wind pressure.

(a) Continuous lateral bracing equally spaced on member.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



R=743 U=0 W=5.25"
RL=147/-74

Scale = .25"/Ft.

EI / - / 5 / - / - / P / -

NO. 42032
128110

Design Crit: FBC2010Res/TPI-2007(SID)

PLOT TYP. Wave

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

****WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET!**
INSTALLER: THIS DESIGN IS FOR CONTRACTORS INCLUDING INSTALLERS.

[illegible]

ITW Building Bracing Installed per IBC§ sections 4.01, 4.02, 4.03, 4.04, 4.05, 4.06, 4.07, 4.08, 4.09, 4.10, 4.11, 4.12, 4.13, 4.14, 4.15, 4.16, 4.17, 4.18, 4.19, 4.20, 4.21, 4.22, 4.23, 4.24, 4.25, 4.26, 4.27, 4.28, 4.29, 4.30, 4.31, 4.32, 4.33, 4.34, 4.35, 4.36, 4.37, 4.38, 4.39, 4.40, 4.41, 4.42, 4.43, 4.44, 4.45, 4.46, 4.47, 4.48, 4.49, 4.50, 4.51, 4.52, 4.53, 4.54, 4.55, 4.56, 4.57, 4.58, 4.59, 4.60, 4.61, 4.62, 4.63, 4.64, 4.65, 4.66, 4.67, 4.68, 4.69, 4.70, 4.71, 4.72, 4.73, 4.74, 4.75, 4.76, 4.77, 4.78, 4.79, 4.80, 4.81, 4.82, 4.83, 4.84, 4.85, 4.86, 4.87, 4.88, 4.89, 4.90, 4.91, 4.92, 4.93, 4.94, 4.95, 4.96, 4.97, 4.98, 4.99, 5.00, 5.01, 5.02, 5.03, 5.04, 5.05, 5.06, 5.07, 5.08, 5.09, 5.10, 5.11, 5.12, 5.13, 5.14, 5.15, 5.16, 5.17, 5.18, 5.19, 5.20, 5.21, 5.22, 5.23, 5.24, 5.25, 5.26, 5.27, 5.28, 5.29, 5.30, 5.31, 5.32, 5.33, 5.34, 5.35, 5.36, 5.37, 5.38, 5.39, 5.40, 5.41, 5.42, 5.43, 5.44, 5.45, 5.46, 5.47, 5.48, 5.49, 5.50, 5.51, 5.52, 5.53, 5.54, 5.55, 5.56, 5.57, 5.58, 5.59, 5.60, 5.61, 5.62, 5.63, 5.64, 5.65, 5.66, 5.67, 5.68, 5.69, 5.70, 5.71, 5.72, 5.73, 5.74, 5.75, 5.76, 5.77, 5.78, 5.79, 5.80, 5.81, 5.82, 5.83, 5.84, 5.85, 5.86, 5.87, 5.88, 5.89, 5.90, 5.91, 5.92, 5.93, 5.94, 5.95, 5.96, 5.97, 5.98, 5.99, 6.00, 6.01, 6.02, 6.03, 6.04, 6.05, 6.06, 6.07, 6.08, 6.09, 6.10, 6.11, 6.12, 6.13, 6.14, 6.15, 6.16, 6.17, 6.18, 6.19, 6.20, 6.21, 6.22, 6.23, 6.24, 6.25, 6.26, 6.27, 6.28, 6.29, 6.30, 6.31, 6.32, 6.33, 6.34, 6.35, 6.36, 6.37, 6.38, 6.39, 6.40, 6.41, 6.42, 6.43, 6.44, 6.45, 6.46, 6.47, 6.48, 6.49, 6.50, 6.51, 6.52, 6.53, 6.54, 6.55, 6.56, 6.57, 6.58, 6.59, 6.60, 6.61, 6.62, 6.63, 6.64, 6.65, 6.66, 6.67, 6.68, 6.69, 6.70, 6.71, 6.72, 6.73, 6.74, 6.75, 6.76, 6.77, 6.78, 6.79, 6.80, 6.81, 6.82, 6.83, 6.84, 6.85, 6.86, 6.87, 6.88, 6.89, 6.90, 6.91, 6.92, 6.93, 6.94, 6.95, 6.96, 6.97, 6.98, 6.99, 7.00, 7.01, 7.02, 7.03, 7.04, 7.05, 7.06, 7.07, 7.08, 7.09, 7.10, 7.11, 7.12, 7.13, 7.14, 7.15, 7.16, 7.17, 7.18, 7.19, 7.20, 7.21, 7.22, 7.23, 7.24, 7.25, 7.26, 7.27, 7.28, 7.29, 7.30, 7.31, 7.32, 7.33, 7.34, 7.35, 7.36, 7.37, 7.38, 7.39, 7.40, 7.41, 7.42, 7.43, 7.44, 7.45, 7.46, 7.47, 7.48, 7.49, 7.50, 7.51, 7.52, 7.53, 7.54, 7.55, 7.56, 7.57, 7.58, 7.59, 7.60, 7.61, 7.62, 7.63, 7.64, 7.65, 7.66, 7.67, 7.68, 7.69, 7.70, 7.71, 7.72, 7.73, 7.74, 7.75, 7.76, 7.77, 7.78, 7.79, 7.80, 7.81, 7.82, 7.83, 7.84, 7.85, 7.86, 7.87, 7.88, 7.89, 7.90, 7.91, 7.92, 7.93, 7.94, 7.95, 7.96, 7.97, 7.98, 7.99, 8.00, 8.01, 8.02, 8.03, 8.04, 8.05, 8.06, 8.07, 8.08, 8.09, 8.10, 8.11, 8.12, 8.13, 8.14, 8.15, 8.16, 8.17, 8.18, 8.19, 8.20, 8.21, 8.22, 8.23, 8.24, 8.25, 8.26, 8.27, 8.28, 8.29, 8.30, 8.31, 8.32, 8.33, 8.34, 8.35, 8.36, 8.37, 8.38, 8.39, 8.40, 8.41, 8.42, 8.43, 8.44, 8.45, 8.46, 8.47, 8.48, 8.49, 8.50, 8.51, 8.52, 8.53, 8.54, 8.55, 8.56, 8.57, 8.58, 8.59, 8.60, 8.61, 8.62, 8.63, 8.64, 8.65, 8.66, 8.67, 8.68, 8.69, 8.70, 8.71, 8.72, 8.73, 8.74, 8.75, 8.76, 8.77, 8.78, 8.79, 8.80, 8.81, 8.82, 8.83, 8.84, 8.85, 8.86, 8.87, 8.88, 8.89, 8.90, 8.91, 8.92, 8.93, 8.94, 8.95, 8.96, 8.97, 8.98, 8.99, 9.00, 9.01, 9.02, 9.03, 9.04, 9.05, 9.06, 9.07, 9.08, 9.09, 9.10, 9.11, 9.12, 9.13, 9.14, 9.15, 9.16, 9.17, 9.18, 9.19, 9.20, 9.21, 9.22, 9.23, 9.24, 9.25, 9.26, 9.27, 9.28, 9.29, 9.30, 9.31, 9.32, 9.33, 9.34, 9.35, 9.36, 9.37, 9.38, 9.39, 9.40, 9.41, 9.42, 9.43, 9.44, 9.45, 9.46, 9.47, 9.48, 9.49, 9.50, 9.51, 9.52, 9.53, 9.54, 9.55, 9.56, 9.57, 9.58, 9.59, 9.60, 9.61, 9.62, 9.63, 9.64, 9.65, 9.66, 9.67, 9.68, 9.69, 9.70, 9.71, 9.72, 9.73, 9.74, 9.75, 9.76, 9.77, 9.78, 9.79, 9.80, 9.81, 9.82, 9.83, 9.84, 9.85, 9.86, 9.87, 9.88, 9.89, 9.90, 9.91, 9.92, 9.93, 9.94, 9.95, 9.96, 9.97, 9.98, 9.99, 10.00, 10.01, 10.02, 10.03, 10.04, 10.05, 10.06, 10.07, 10.08, 10.09, 10.10, 10.11, 10.12, 10.13, 10.14, 10.15, 10.16, 10.17, 10.18, 10.19, 10.20, 10.21, 10.22, 10.23, 10.24, 10.25, 10.26, 10.27, 10.28, 10.29, 10.30, 10.31, 10.32, 10.33, 10.34, 10.35, 10.36, 10.37, 10.38, 10.39, 10.40, 10.41, 10.42, 10.43, 10.44, 10.45, 10.46, 10.47, 10.48, 10.49, 10.50, 10.51, 10.52, 10.53, 10.54, 10.55, 10.56, 10.57, 10.58, 10.59, 10.60, 10.61, 10.62, 10.63, 10.64, 10.65, 10.66, 10.67, 10.68, 10.69

general notes page; ICC: www.iccsafe.org.

ALPINE

QUALITY Building Components Group Inc.

...ing components of

City, FL 338
FL COA #0278

PLC0440 4/10 2/10

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - R63)

Top chord 2x4 SP #2_12A
Bot chord 2x4 SP #2_12A
Webs 2x4 SP #2_12A

120 mph wind, 31.73 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

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

End verticals not exposed to wind pressure.

(H1) = (J) Hanger not calculated (3)2x8 SP_#1_Dense_12A supporting member.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

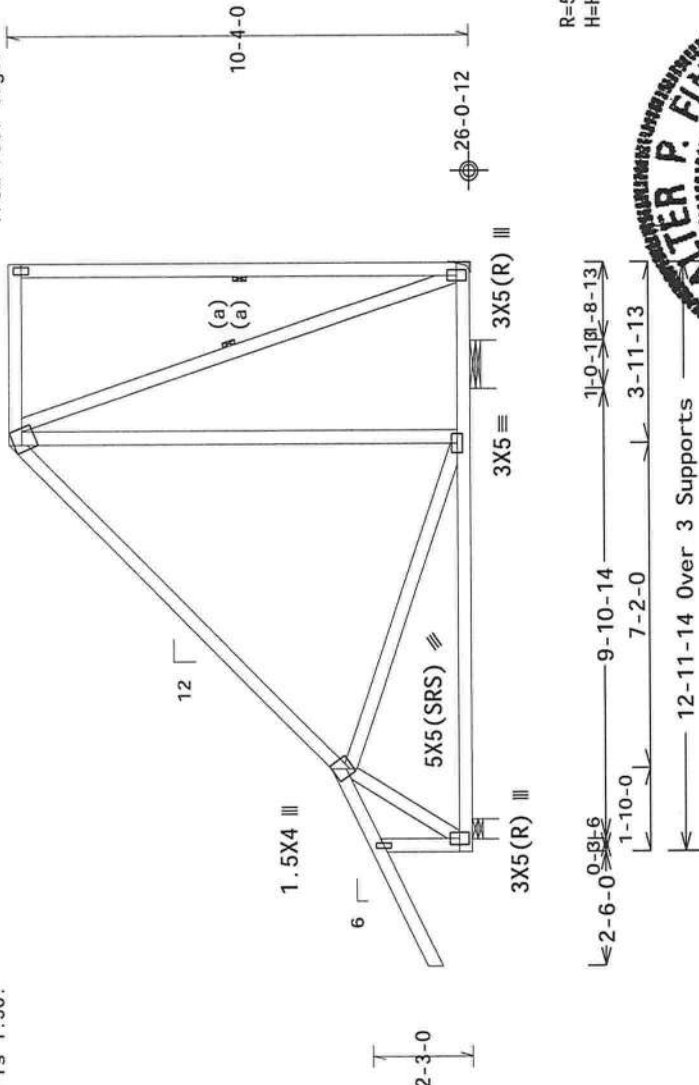
Wind loads and reactions based on MWFRS with additional C&C member design.

Left cantilever is exposed to wind

(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.

2X4 MWFRS loads based on trusses located at least 31.73 ft. from roof edge.



R=569 U=69
H=H1

R=752 U=0 W=5.25"
RL=147/-74



PLT TYP. Wave

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

FL/-/5/-/-/R/- Scale = .25"/Ft.

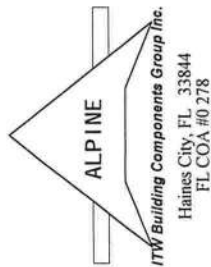
TC LL	20.0 PSF	REF	R9114- 87148
TC DL	10.0 PSF	DATE	12/19/12
BC DL	10.0 PSF	DRW	HCUSR9114 12354230
BC LL	0.0 PSF	HC-ENG	SSB/WPF
TOT.LD.	40.0 PSF	SEQN-	285507
DUR.FAC.	1.25	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05

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 WTCA for practices prior to performing these functions. Installers shall provide temporary bracing per WTCA. 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 or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses. Apply plates and bolts in accordance with the design. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec. 2. For more information see: This Job's general notes page; ITW-BCG; www.itwbcg.com; TPI: www.tpiinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org



Top chord	2x4	SP_#2	12A
Bot chord	2x4	SP_#2	12A
Webbs	2x4	SP_#2	12A

120 mph wind, 31.73 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

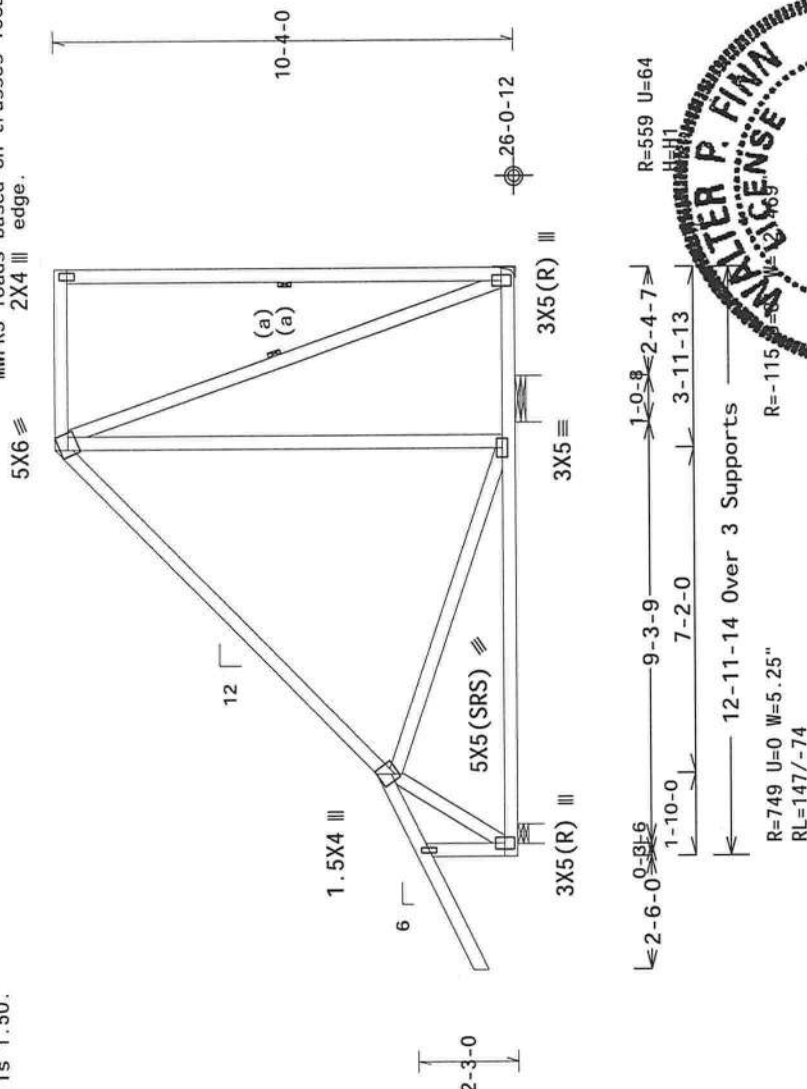
Wind loads and reactions based on MWFRS with additional C&C member design.

Left cantilever is exposed to wind

(a) Continuous lateral bracing equally spaced on member.

Bottom chord checked for 10,00 psf non-concurrent live load.

WWFRS loads based on trusses located at least 31.73 ft. from roof 2X4 ||| edge.



PI T TYP Wave

Design Crit: $\text{FBC2010Res}/\text{TPI} - 2007(\text{STI})$
 $\text{FT}/\text{RT} = 20\%(0\%)/10(0)$

Scale = .25"/Ft.

TC LL	20.0	PSF	REF R9114- 87149
TC DL	10.0	PSF	DATE 12/19/12
BC DL	10.0	PSF	DRW HCUSR9114 12354283
BC LL	0.0	PSF	HC-ENG SSB/WPF
TOT.LD.	40.0	PSF	SEQN- 285508
DUR.FAC.	1.25		FROM SDY
SPACING	24.0"		JREF- 1US59114Z05



STATE OF
FLORIDA
PROFESSIONAL ENGINEER
No. 12191
DAVID A. HINES

ALPINE

ITW Building Components Group Inc.

Jaines City, FL 33844

FL COA #0 278

...nes City, FL 338
...FL COA #0 278

(120912--Anderson Truss Co. --Patel Residence -- Lot 1 Hills Of Windsor , ** - R66)

Top chord 2x4 SP #2_12A
Bot chord 2x4 SP #2_12A
Webs 2x4 SP #2_12A

120 mph wind, 31.73 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

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

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

End verticals not exposed to wind pressure.

Left cantilever is exposed to wind

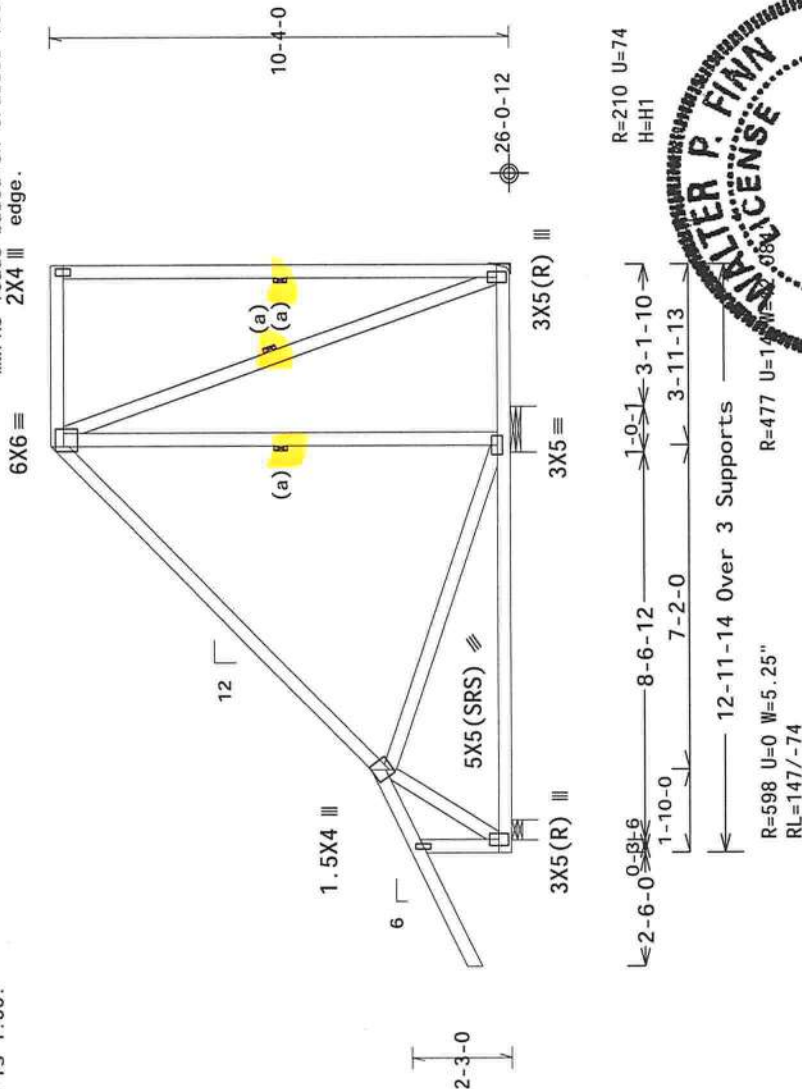
(H1) = (J) Hanger not calculated (3)2x8 SP #1_Dense_12A supporting member.

(a) Continuous lateral bracing equally spaced on member.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

MWFRS loads based on trusses located at least 31.73 ft. from roof 2X4 edge.



PLT TYP. Wave

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

FL/-/5/-/-/R/-
Scale = .25"/Ft.

TC LL	20.0 PSF	REF	R9114- 87151
TC DL	10.0 PSF	DATE	12/19/12
BC DL	10.0 PSF	DRW	HCU9114 12354232
BC LL	0.0 PSF	HC-ENG	SSB/WPF
TOT.LD.	40.0 PSF	SEQN-	285510
DUR.FAC.	1.25	FROM	SDY
SPACING	24.0"	JREF-	1US69114Z05

ALPINE

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

STATE OF FLORIDA

PROFESSIONAL ENGINEER

WALTER P. FINN

License No. 22839

12/19/2012

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

Trusses require erection care in fabricating, handling, shipping, installing and bracing. Be sure to follow the erection and bracing instructions provided with the truss. Do not alter the truss or its bracing without the approval of the designer. The designer is not responsible for the safety of the truss if it is altered without the approval of the designer. The designer is not responsible for the safety of the truss if it is altered without the approval of the designer. The designer is not responsible for the safety of the truss if it is altered without the approval of the designer.

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - R67)

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

120 mph wind, 31.73 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. $G_{CPI}(+/-)=0.18$

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

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

End verticals not exposed to wind pressure.

Left cantilever is exposed to wind

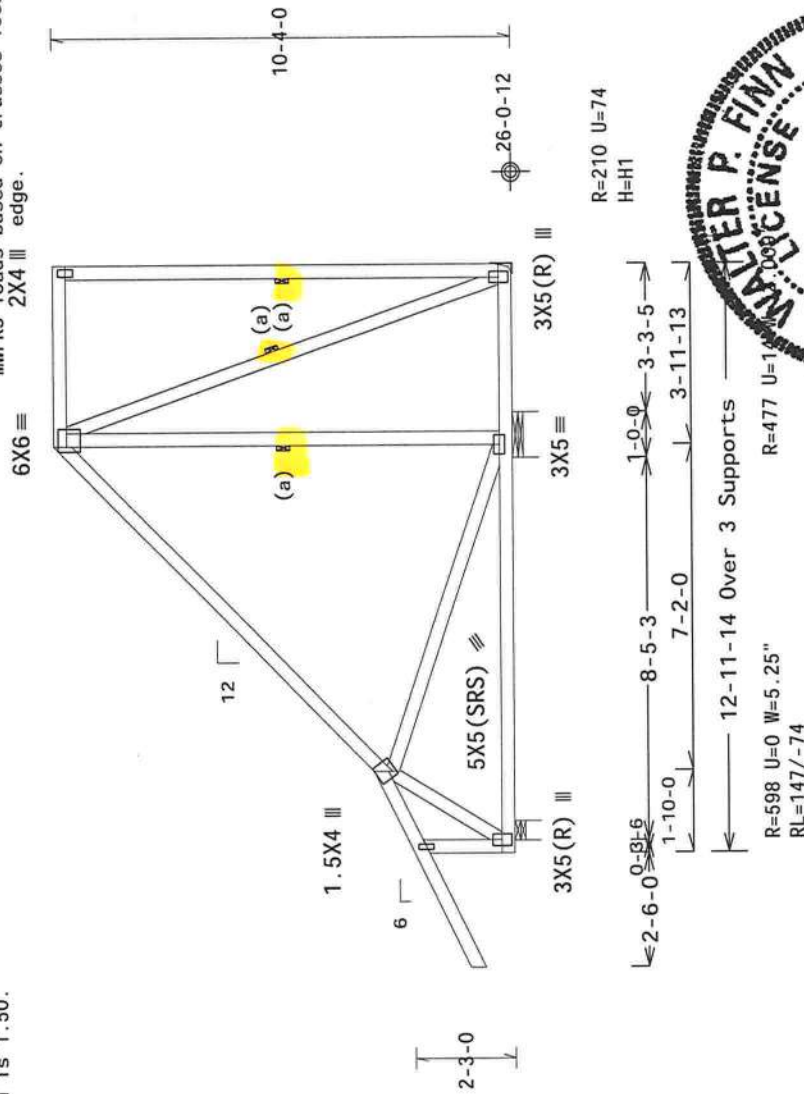
(H1) = (J) Hanger not calculated (3)2x8 SP_#1_Dense_12A supporting member.

(a) Continuous lateral bracing equally spaced on member.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

MWFRS loads based on trusses located at least 31.73 ft. from roof 2X4 III edge.



R=598 U=0 W=5.25"

RL=147/-74

12-11-14 Over 3 Supports

R=477 U=1

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

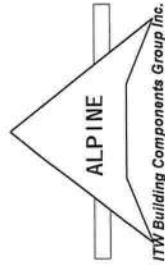
PLT TYP. Wave

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

Scale = .25"/Ft.

TC LL	20.0 PSF	REF	R9114- 87152
TC DL	10.0 PSF	DATE	12/19/12
BC DL	10.0 PSF	DRW	HCUSR9114 12354222
BC LL	0.0 PSF	HC-ENG	SSB/WPF
TOT.LD.	40.0 PSF	SEQN-	285511
DUR.FAC.	1.25	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05

****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 Components Safety Institute) Trussing Manual. Practice proper bracing techniques. Temporary bracing shall be provided for all trusses. Trusses 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, installation, 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 160K-2 for standard plate positions. A seal on this drawing or cover page listing this drawing, indicating 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; WTCA: www.sbcindustry.com; TCC: www.tccsafe.org



(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - R68)

Top chord 2x4 SP #2_12A :T1 2x6 SP #1_Dense_12A:

Bot chord 2x4 SP #2_12A

Webs 2x4 SP #2_12A

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

120 mph wind, 30.23 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, GCpl (+/-)=0.18

Wind loads and reactions based on MWFRS.

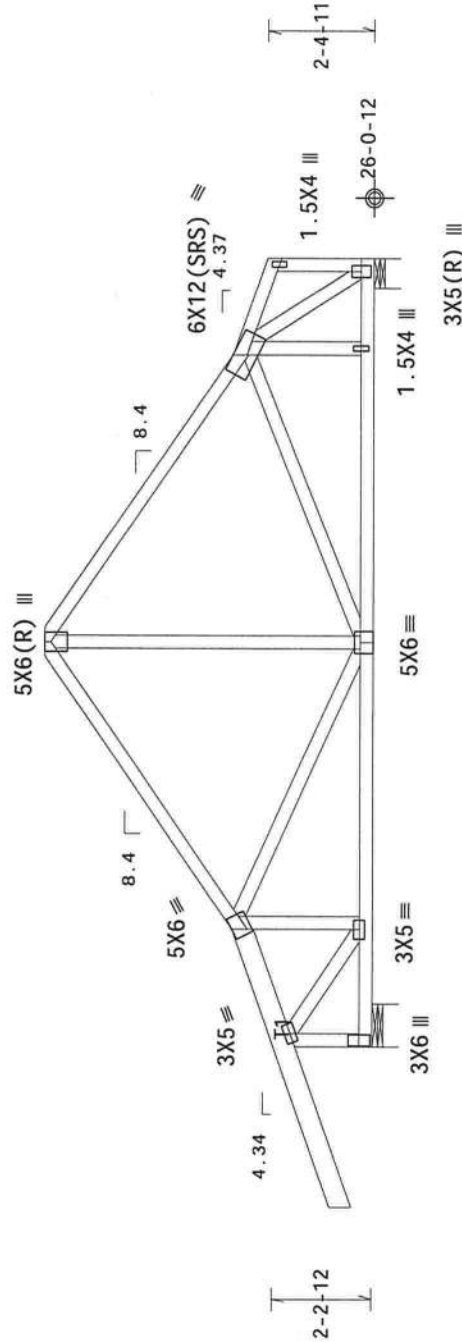
End verticals not exposed to wind pressure.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

Special loads

-----Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 61 pif at -3.54 to 61 pif at 2.59
TC- From 32 pif at 2.59 to 32 pif at 8.94
TC- From 32 pif at 8.94 to 32 pif at 15.28
TC- From 61 pif at 15.28 to 61 pif at 17.42
BC- From 4 pif at -3.54 to 4 pif at 0.00
BC- From 20 pif at 0.00 to 20 pif at 3.63
BC- From 10 pif at 3.63 to 10 pif at 8.94
BC- From 10 pif at 8.94 to 10 pif at 14.26
BC- From 20 pif at 14.26 to 20 pif at 17.42
TC- 29.33 lb Conc. Load at 3.63, 14.26
TC- 100.56 lb Conc. Load at 6.46, 11.43
TC- 145.50 lb Conc. Load at 8.62, 9.26
BC- 17.99 lb Conc. Load at 3.63, 14.26
BC- 77.57 lb Conc. Load at 6.46, 11.43
BC- 87.86 lb Conc. Load at 8.62, 9.26



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

PLT TYP. Wave

ALPINE

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

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET.
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and WCA) 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 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/TPI 1, or for handling, shipping, installation & bracing. The truss shall be installed in the position as shown above and on the Joint Details, unless noted otherwise. Refer to design 160A-2 for details of the truss and its bracing. This drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This Job's general notes page. ITW-BCG: www.itwbcg.com; TPI: www.tpiinc.org; WCA: www.sbcindustry.com; ICC: www.iccsafe.org

FL/-/5/-/-/R/-		Scale = .25" /Ft.	
TC LL	20.0 PSF	REF	R9114- 87153
TC DL	10.0 PSF	DATE	12/19/12
BC DL	10.0 PSF	DRW	HCU9R9114 12354223
BC LL	0.0 PSF	HC-ENG	SSB/WPF
TOT.LD.	40.0 PSF	SEQN-	285620
DUR.FAC.	1.25	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor, ** - R69)

Top chord 2x4 SP_#2_12A :T2 2x6 SP_#1_Dense_12A:

Bot chord 2x4 SP_#2_12A
Webs 2x4 SP_#2_12A

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

120 mph wind, 31.07 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.

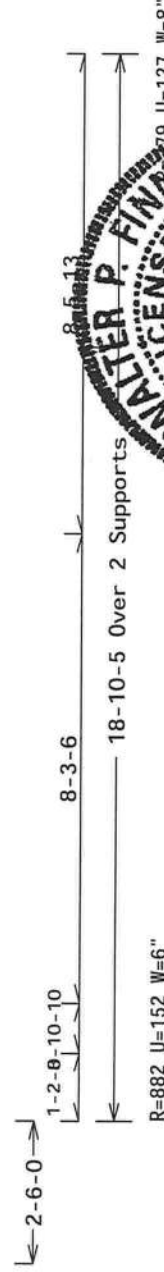
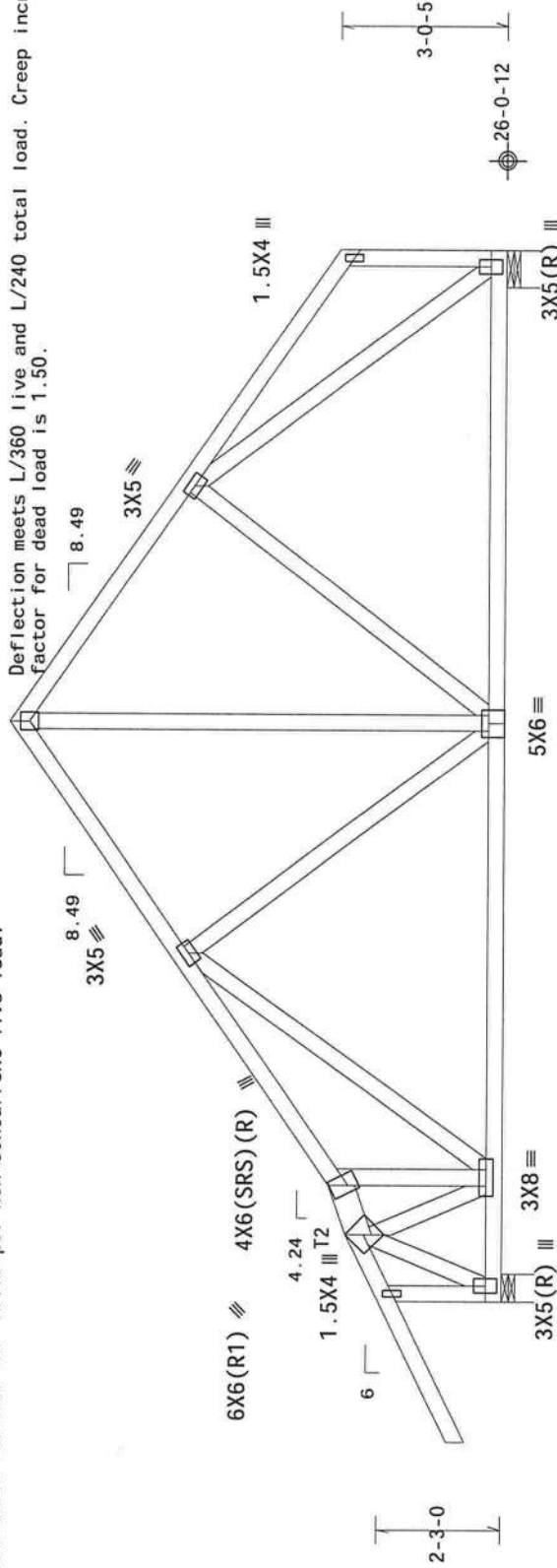
Bottom chord checked for 10.00 psf non-concurrent live load.

4X4 End verticals not exposed to wind pressure.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

Special loads

-----Lumber Dur. Fac.=1.25 / Plate Dur. Fac.=1.25)
TC- From 62 plf at -2.50 to 62 plf at 1.21
TC- From 61 plf at 1.21 to 61 plf at 2.09
TC- From 64 plf at 2.09 to 64 plf at 10.38
TC- From 64 plf at 10.38 to 64 plf at 18.86
BC- From 4 plf at -2.50 to 4 plf at 0.00
BC- From 20 plf at 0.00 to 20 plf at 10.38
BC- From 20 plf at 10.38 to 20 plf at 18.86
TC- -94.55 lb Conc. Load at 1.21
BC- 0.93 lb Conc. Load at 1.21



R=882 U=152 W=6"

U=127 W=8"

PLT TYP. Wave

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

FL/-5/-/-/R/- Scale = .3125"/Ft.

TC LL	20.0 PSF	REF	R9114- 87154
TC DL	10.0 PSF	DATE	12/19/12
BC DL	10.0 PSF	DRW	HCUSR9114 12354224
BC LL	0.0 PSF	HC-ENG	SSB/WPF
TOT.LD.	40.0 PSF	SEQN-	285621
DUR.FAC.	1.25	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05

WALTER P. FINN
LICENSE
No. 22839
STATE OF FLORIDA
PROFESSIONAL ENGINEER
12/19/2012

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 WTA) for practices prior to performing these functions. Installers shall provide temporary bracing per the drawings. Trusses shall be properly attached to the building structure. Trusses shall have a properly attached structural sheathing and bottom chord bracing. 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 or any failure to build the truss in conformance with ANSI/TPI 1. Trusses shall be installed in accordance with the details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the user. For more information see: This job's general notes page. ITW-BCG: www.itwbcg.com, TPI: www.tpiinc.org, WTA: www.sbsindustry.com, ICC: www.iccsafe.org

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

Top	chord	2x4	SP_#2	12A
Bot	chord	2x4	SP_#2	12A
	Webs	2x4	SP_#2	12A

120 mph wind, 31.73 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

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

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

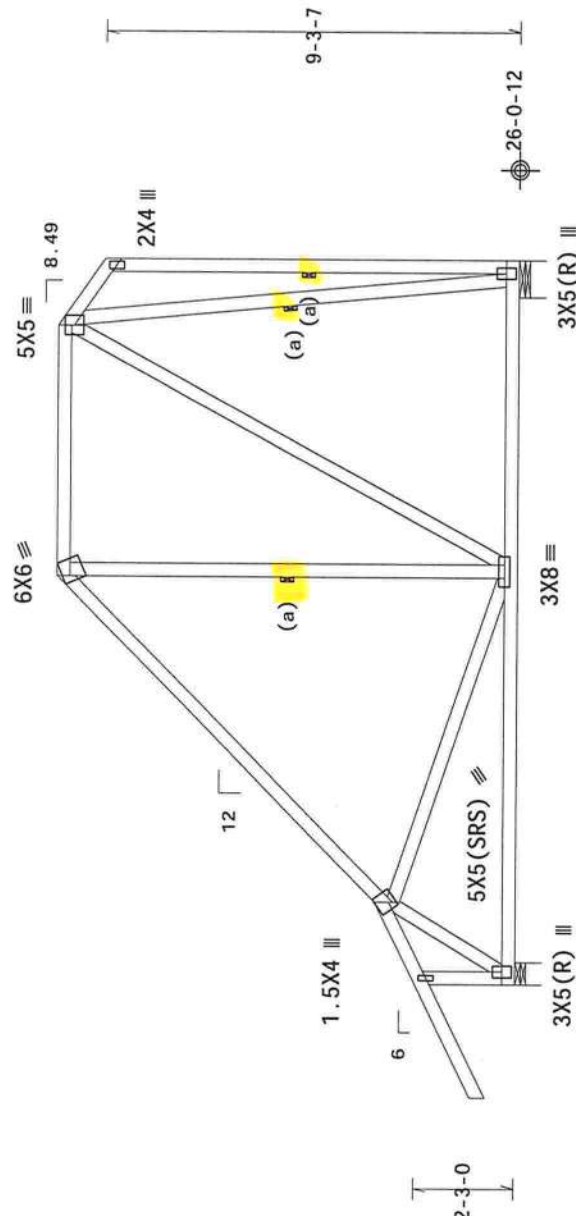
End verticals not exposed to wind pressure.

(a) Continuous lateral bracing equally spaced on member.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

WWFRS loads based on trusses located at least 15.86 ft. from roof edge.

[illegible]

R=867 U=0 W=6"
RL=131/-88

PLT TYP. Wave

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

FL/-/5/-/-/R/-/-
Scale = .25"/Ft.

TC LL	20.0 PSF	REF	P9114- 871157
-------	----------	-----	---------------

TC DI	10 0 PSE	DATE	13/10/13
		REL	K3114- 07107

10 DL	10:0 F3F	DATE	12/19/12
20	10		
30	20		
40	30		
50	40		
60	50		
70	60		
80	70		
90	80		
100	90		
110	100		
120	110		
130	120		
140	130		
150	140		
160	150		
170	160		
180	170		
190	180		
200	190		
210	200		
220	210		
230	220		
240	230		
250	240		
260	250		
270	260		
280	270		
290	280		
300	290		
310	300		
320	310		
330	320		
340	330		
350	340		
360	350		
370	360		
380	370		
390	380		
400	390		
410	400		
420	410		
430	420		
440	430		
450	440		
460	450		
470	460		
480	470		
490	480		
500	490		
510	500		
520	510		
530	520		
540	530		
550	540		
560	550		
570	560		
580	570		
590	580		
600	590		
610	600		
620	610		
630	620		
640	630		
650	640		
660	650		
670	660		
680	670		
690	680		
700	690		
710	700		
720	710		
730	720		
740	730		
750	740		
760	750		
770	760		
780	770		
790	780		
800	790		
810	800		
820	810		
830	820		
840	830		
850	840		
860	850		
870	860		
880	870		
890	880		
900	890		
910	900		
920	910		
930	920		
940	930		
950	940		
960	950		
970	960		
980	970		
990	980		
1000	990		

BC DL	10.0 PSF	DRW	HCUSR9114	12354227
-------	----------	-----	-----------	----------

BC LL	0.0 PSF	HC-ENG SSB/WPF

TOT.LD.	40.0 PSF	SEQN-	285514
---------	----------	-------	--------

FROM	SDV
1 25	
FROM	SDV

SPACING	34.0"	1 KWH	JDT
		IDFF	11USFO1470F

****IMPORTANT**** Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Read and follow the latest edition of BCSI (Building Component Safety) information, by TPI and WTCFA for these trusses. Truss installers shall provide temporary bracing per the erection instructions noted otherwise, top chord bracing shall be provided for all trusses. Trusses shall have a properly attached ridge capping. Locations shown for permanent lateral restraint of trusses shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

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

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design, or any failure to build the trusses in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses. Apply plates to each face of trusses and position as shown above and on the Joint Detail. Refer to drawings, 1606-2 for standard plate positions. A seal on this drawing or cover page listing this design shall be required for all trusses. 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: the general notes page, ITW-BCG-001 www.itwbcg.com; TPI: www.tpi.net; WTCFA: www.sabcindustries.com;

ALPINE

TW Building Components Group Inc.

Haines City, FL 33844

FL COA #0 278

	2x4	SP_#2	12A
Top chord	2x4	SP_#2	12A
Bot chord	2x4	SP_#2	12A
Web	2x4	SP_#2	12A

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

End verticals not exposed to wind pressure.

(H1) = (J) Hanger not calculated (2)2x8 SP_#1_Dense_12A supporting member.

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

UNIFORMS loads based on trusses located at least 15.86 ft. from roof edge.

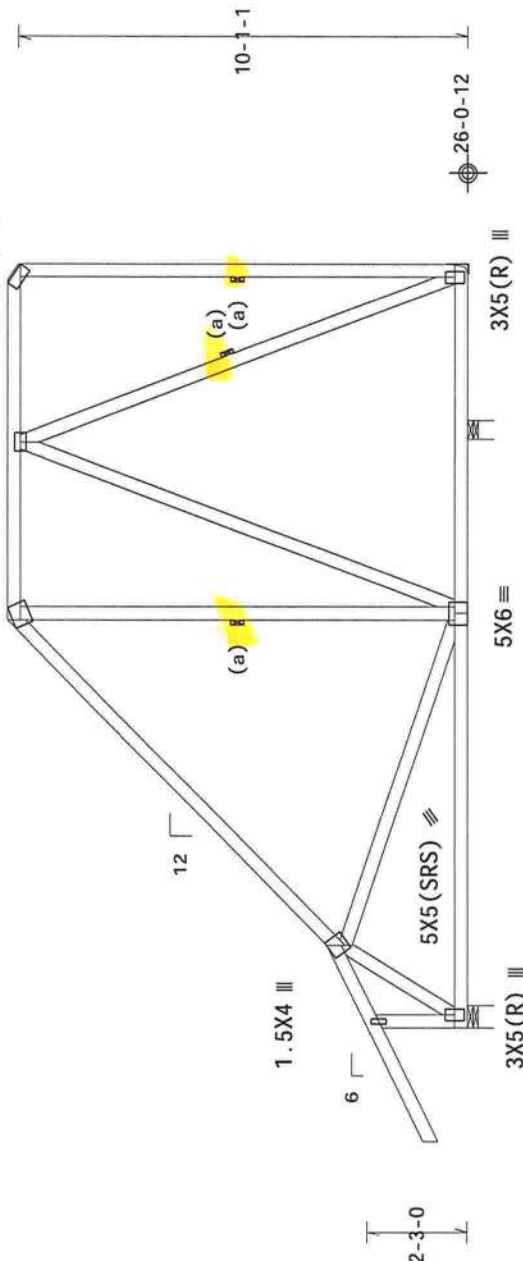
(**) 1 plate(s) require special positioning. Refer to scaled plate lot details for special positioning requirements.

120 mph wind, 31.73 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.

(a) Continuous lateral bracing equally spaced on member.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

R=655 U=112
H=H1

Elevation view of the bridge deck showing dimensions and support locations. The deck is supported by three supports. The dimensions are as follows:

- Span 1: 13-0-1
- Span 2: 7-2-0
- Span 3: 16-10-8
- Over 3 Supports: 16-10-8
- Dimensions from left to right: 2-6-0, 1-10-0, 13-0-1, 7-2-0, 7-10-8, 3-10-6

R=892 U=0 W=6"
RL=147/-74

PLT TYP. Wave

Design Crit: FBC2010Res/TPI-2007(STP)

101323.10 QTY

Scale = .25"/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. To insure proper installation, please refer to the latest edition of BCSI (Building Component Safety Information, by TPI and WTCFA) for proper installation practices prior to performing these functions. Installers shall provide temporary bracing for all trusses until they are properly attached to structural sheathing and bottom chord shall have properly attached lateral bracing. Trusses shall be installed lateral bracing shall have properly attached lateral bracing. BSI (Building Component Safety Information, by TPI and WTCFA) shall have properly attached lateral bracing. BSI (Building Component Safety Information, by TPI and WTCFA) shall have properly attached lateral bracing.

[illegible]

ALPINE

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

12/19/2012

SPACING	24.0"	JREF - 1US59114Z05
---------	-------	--------------------

Top chord	2x4	SP_#2	12A
Bot chord	2x8	SP_#1	Dense_12A
Webs	2x4	SP_#2	12A

2 COMPLETE TRUSSES REQUIRED

1/2" x 3" x 36" ALUMINUM STAGGER NAILS

Top Chord: 1 Row @ 12" o.c.
Bot. Chord: 1 Row @ 8" o.c.
Webs: 1 Row @ 4" o.c.

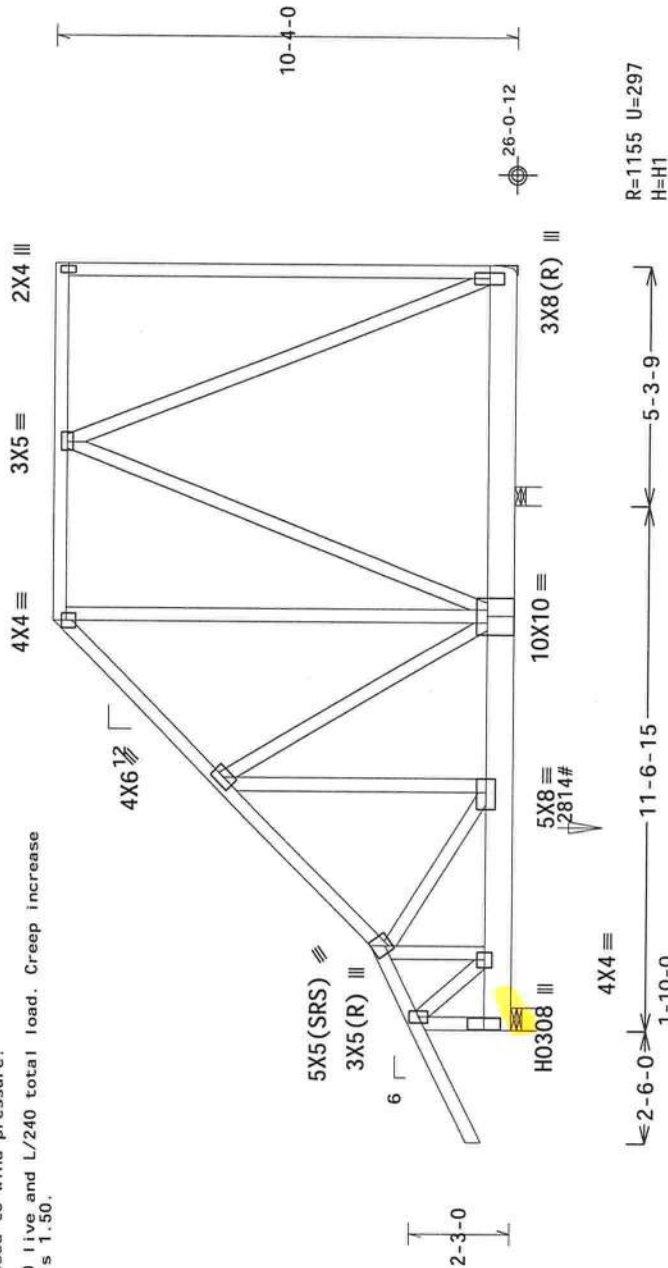
Use equal spacing between rows and stagger nails in each row to avoid splitting.
(1) 1/2" bolts MAY BE USED FOR (2) 0.128"x3", min. THE BOTTOM CHORD ONLY.

Special loads

	Dur.	Fac.	=	2-50	/	Plate	Dur.	Fac.	=	1.25	
TC-	From	62	pif	at	-	50	to	62	pif	at	1.83
TC-	From	68	pif	at	1.83	to	68	pif	at	9.00	
TC-	From	62	pif	at	9.00	to	62	pif	at	16.87	
BC-	From	4	pif	at	-	50	to	4	pif	at	0.00
BC-	From	20	pif	at	0.00	to	20	pif	at	9.15	
BC-	From	20	pif	at	9.15	to	20	pif	at	16.87	
BC-	2814.75	lb	Conc.	Load	at	4.50					

End verticals not exposed to wind pressure.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



R=1155 U=297
H=H1

16-10-8 Over 3 Supports

R=2840 I=738 W=6"

PLT TYP. 20 Gauge HS, Wave

Design Crit: FBC2010Res/TP1-2007(STA
FT/RT=20%(0%)/10(0)FL/-/5/-/-/R/-
Scale = .25"/Ft.

TC LL	20.0	PSF	REF	R9114-	87159
TC DL	10.0	PSF	DATE	12/19/12	
BC DL	10.0	PSF	DRW	HCUSR9114	12354305
BC LL	0.0	PSF	HC-ENG	SSB/WPF	
TOT.LD.	40.0	PSF	SEQN-	285622	
DUR.FAC.	1.25		FROM	SDY	
SPACING	24.0"		JREF-	1US59114Z05	

..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 the following for the latest edition of BCST (Building Component Safety Information, by TPI and WTCA) for details on proper bracing practices prior to performing these functions. Installers shall provide temporary bracing per BCST section 83, B7 or B10, as applicable. All bracing shall be properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of bracing shall have bracing installed per BCST sections 83, B7 or B10, as applicable.

ITB Building Components Group Inc. (ITB/BCG) shall not be responsible for any deviation from this design and/or drawings. ITB/BCG shall not be responsible for any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & erection of the truss in conformance with ANSI/TPI 1. The truss is to be installed in the position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings T601-7 through T601-12 for more information on this drawing or cover page listing this drawing. Indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This Job's ITB-B602. www.venlog.com; TPI: www.tpiinc.net; WICA: www.sdcindustry.com; IBC: www.icbca.org

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

FL COA #0 278

Top chord 2x4 SP_#2__12A : T2 2x4 SP_#1_Dense_12A:

Bot chord 2x4 SP #2 12A

Webs 2x4 SP_#2_12A

: Lt Slider 2x4 SP_#2_12A: BLOCK LENGTH = 1.690'

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

(H1) = (J) Hanger not calculated (2)2x8 SP_#1 Dense_12A

supporting member.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

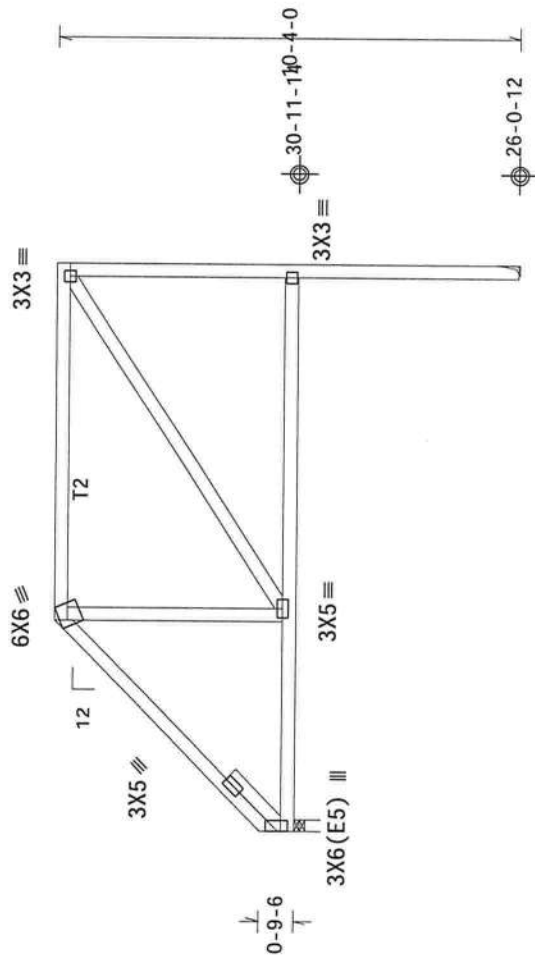
120 mph wind, 34.08 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi (+/-)=0.18

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

Right end vertical not exposed to wind pressure.

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

MMWFRS loads based on trusses located at least 17.04 ft. from roof edge.



4-7-8	7-10-8
-------	--------

← 12-6-0 Over 2 Supports

R=545 U=0 W=3 125"

RL=98/-56

00-11 655-0

$$H=H_1$$

PLT TYP. Wave

Design Crit: FBC2010Res/TPI-2007(ST
FT/PT-20%(0%)/10(0))

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. The Building Component Safety Information, by TPI and WTCFA for the wood truss industry, contains the following information:

1. Truss bracing must be installed in accordance with the manufacturer's prior to performing the erection.

2. Trusses must be braced in accordance with the manufacturer's erection instructions noted otherwise, top chord shall have property attached structural bracing per the manufacturer's instructions.

3. Trusses shall have a property attached rigid ceiling.

4. Trusses shall have bracing installed per BCS sections B3, B7 or B10, as applicable.

Intel will have training installed per BCS' sections B3, B7 or B10, as applicable.

The Building Components Group Inc. (TBWCO) shall not be responsible for any deviation from this design. The responsibility of the Building Designer per ANSI/TPI 1 Sec. 2. For more information see:

If any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & unloading of trusses. Apply plates to each face of truss and position as shown above and on the Joint Detail Drawing. Refer to drawings 180A-2 for standard plate positions. A seal on this drawing or copy listing this disclaimer is required.

For more information see: TBWCO's website at www.tbwco.com

General notes page: The Building Designer per ANSI/TPI 1 Sec. 2. For more information see: This job's general notes page: www.tbwco.com; www.tpi.com; ITWC: www.itwc.net; WTA: www.sbcindustrial.com.



FL/-/5/-/-/R/-		Scale = .25"/Ft.
TC LL	20.0 PSF	REF R9114- 87160
TC DL	10.0 PSF	DATE 12/19/12
BC DL	10.0 PSF	DRW HCURS9114 12354233
BC LL	0.0 PSF	HC-ENG SSB/WPF
TOT.LD.	40.0 PSF	SEQN- 285516
DUR.FAC.	1.25	FROM SDY
SPACING	24.0"	JREF- 1US59114Z05

Top chord	2x4	SP_#2_12A
Bot chord	2x8	SP_#1_Dense_12A
Webbs	2x4	SP_#2_12A

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

2 COMPLETE TRUSSES REQUIRED

Nail Schedule: 0.128"x3", min. nails
Top Chord: 1 Row @ 12.00" o.c.
Bot Chord: 1 Row @ 8.75" o.c.
Webs : 1 Row @ 4" o.c.

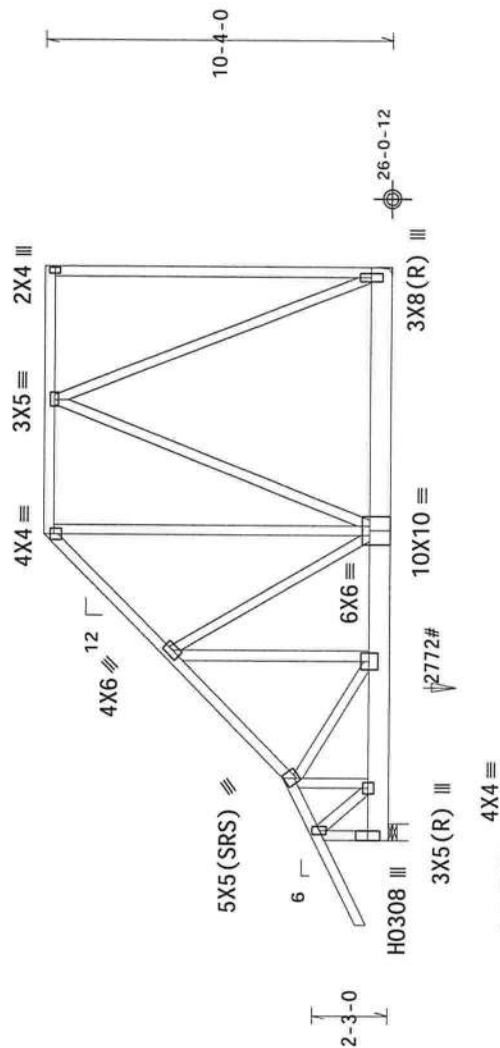
Use equal spacing between rows and stagger nails in each row to avoid splitting.

(1) 1/2" bolts MAY BE USED FOR (2) 0.128"x3", min. nails ON THE BOTTOM CHORD ONLY.

120 mph wind, 31.73 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.

(H1) = (J) Hanger not calculated (2)2x8 SP_#1_Dense_12A supporting member.

[illegible]

PLT TYP. 20 Gauge HS, Wave

Design Crit: FBC2010Res/TPI-2007(STD
FT/RT=20%(0%)/10(0)FL/-/5/-/-/R/-
Scale = .1875"/Ft

TC LL	20.0	PSF	REF R9114- 87161
TC DL	10.0	PSF	DATE 12/19/12
BC DL	10.0	PSF	DRW HCUSR9114 12354306
BC LL	0.0	PSF	HC-ENG SSB/WPF
TOT.LD.	40.0	PSF	SEQN- 285623
DUR.FAC.	1.25		FROM SDY
SPACING	24.0"		JREF- 1US59114Z05

STATE OF
FLORIDA
PROFESSIONAL ENGINEER

12/19/2012

ALPINE

TW Building Components Group Inc.

Haines City, FL 33844

FL COA #0 278

Top chord 2x6 SP_#1_Dense_12A
Bot chord 2x6 SP_#1_Dense_12A
Webs 2x4 SP_#2_12A

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

Special loads

----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 30 pif at 0.00 to 30 pif at 14.25
BC- From 10 pif at 0.00 to 10 pif at 14.25
TC- 641.94 lb Conc. Load at 1.93, 3.93, 5.93, 8.32
10.32, 12.32
TC- 96.74 lb Conc. Load at 6.32
TC- 545.20 lb Conc. Load at 7.93
BC- 74.79 lb Conc. Load at 1.93, 3.93, 5.93, 8.32
8.32, 10.32, 12.32

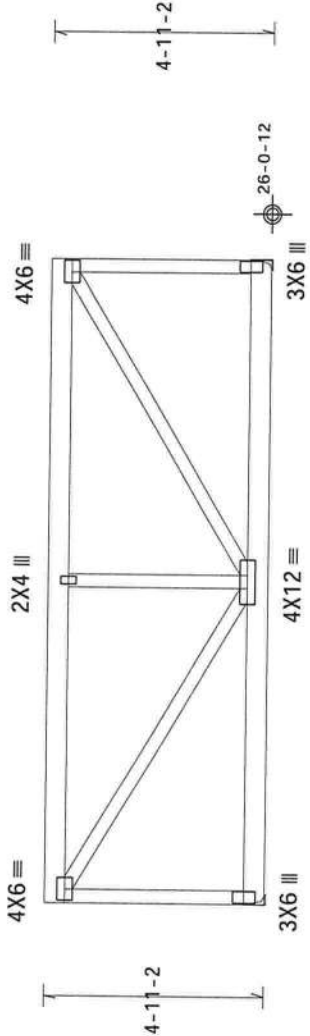
(H1) = (J) Hanger not calculated (2)2x8 SP_#1_Dense_12A supporting member.

(H2) = (J) Hanger not calculated (2)2x8 SP_#1_Dense_12A supporting member.

IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER AND TRUSS FABRICATOR TO REVIEW THIS DWG PRIOR TO CUTTING LUMBER TO VERIFY THAT ALL DATA, INCLUDING DIMENSIONS AND LOADS, CONFORM TO THE ARCHITECTURAL PLANS/ SPECIFICATIONS AND FABRICATOR'S TRUSS LAYOUT.

2 COMPLETE TRUSSES REQUIRED

Nail Schedule: 0.128"x3", min. nails
Top Chord: 1 Row @ 4.50" 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.
(1) 1/2" bolts MAY BE USED FOR (2) 0.128"x3", min. nails ON EITHER THE TOP OR BOTTOM CHORDS.
120 mph wind, 30.99 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.
End verticals not exposed to wind pressure.
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.
Truss must be installed as shown with top chord up.



14-3-0 Over 2 Supports
R=2772 U=351 H=H1
R=2815 U=340 H=H2

PLT TYP. Wave

Design Crit: FBC2010Res/TP1-2007(ST) FT/RT=20%(0%)/10(0)

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



TC LL	20.0 PSF	FL/-/5/-/-/R/-	Scale = .25"/Ft.
TC DL	10.0 PSF	REF	R9114- 87163
BC DL	10.0 PSF	DATE	12/19/12
BC LL	0.0 PSF	DRW	HCUSR9114 12354304
TOT.LD.	40.0 PSF	HC-ENG	SSB/WPF
DUR.FAC.	1.25	SEQN-	285624
SPACING	24.0"	FROM	SDY
		JREF-	1US59114Z05

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 the ITW Building Components Group Inc. (ITWBCG) Truss Installation Manual for detailed instructions. Unless noted otherwise, top chord shall have properly attached structural sheathing per ITWBCG specifications. The suitability of the truss for any application 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.tpinat.org; WTCA: www.abciindustry.com; ICC: www.iccsafe.org

Top chord 2x4 SP #2_12A
Bot chord 2x4 SP #2_12A
Webs 2x4 SP #2_12A

120 mph wind, 30.73 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

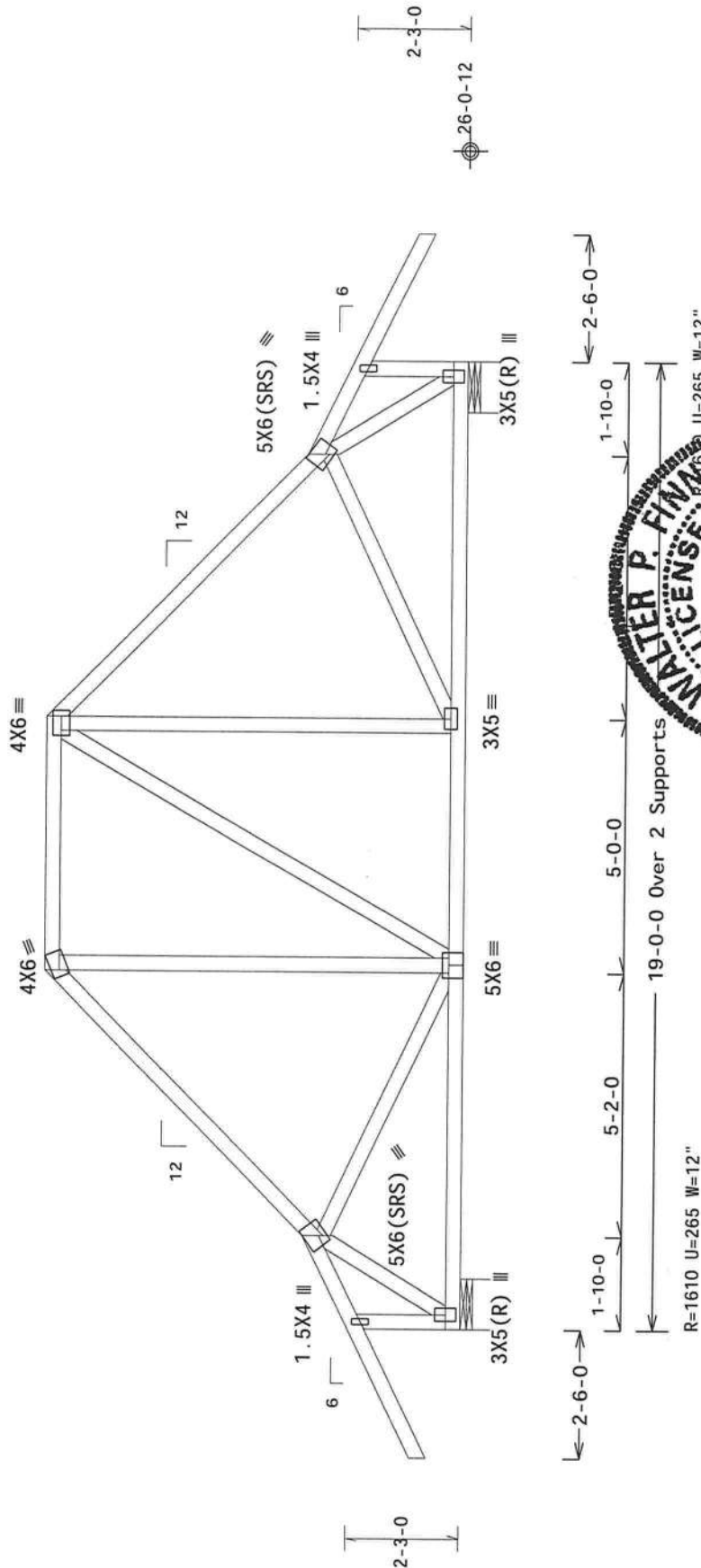
Lumber grades designated with "12A" use design values approved
1/5/2012 by ALSC.

Wind loads and reactions based on MMFRS.

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

End verticals not exposed to wind pressure.

Deflection meets L/360 live and L/240 total load. Creep increase
factor for dead load is 1.50.



PLT TYP. Wave

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

Scale = .3125"/Ft.

TC LL	20.0 PSF	REF	R9114- 87164
TC DL	10.0 PSF	DATE	12/19/12
BC DL	10.0 PSF	DRW	HCUSR9114 12354293
BC LL	0.0 PSF	HC-ENG	SSB/WPF
TOT.LD.	40.0 PSF	SEQN-	285625
DUR.FAC.	1.25	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05

****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) 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 of web shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing. The face of the truss shall be positioned as shown above and on the Joint. Details, unless noted otherwise, shall be as shown. Refer to the ITWBCG 2006-2 drawing or cover page listing this 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 detail notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinat.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

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

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor, ** - R80)

Top chord 2x4 SP #2_12A
Bot chord 2x4 SP #2_12A
Webs 2x4 SP #2_12A

120 mph wind, 31.73 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

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

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

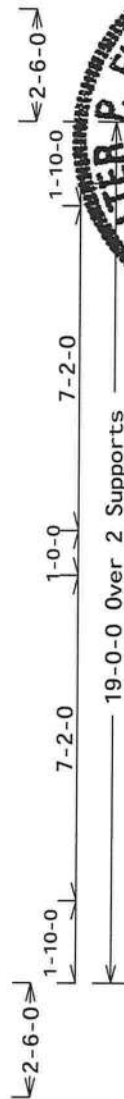
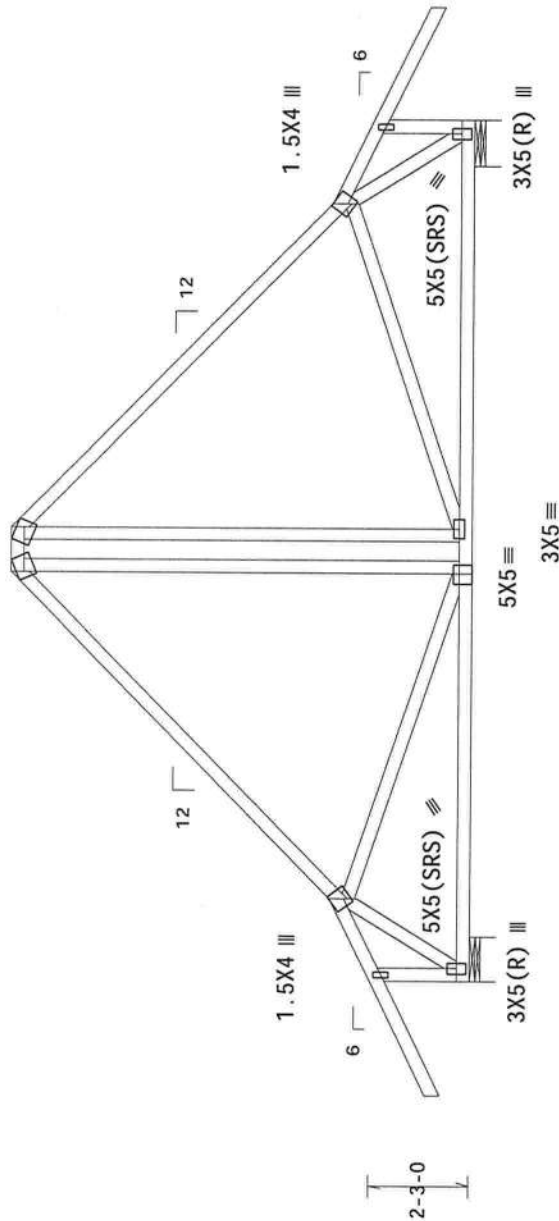
End verticals not exposed to wind pressure.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

5X6 ≡

5X6 ≡



R=992 U=147 W=11.999"
RL=200/-200

PLT TYP. Wave

Design Crit: FBC2010Res/TPI-2007(STB)
FT/RT=20%(0%)/10(O) ★10.03.10.12.23.10

FL/-/5/-/-/R/- Scale = .25"/Ft.

TC LL	20.0 PSF	REF	R9114- 87165
TC DL	10.0 PSF	DATE	12/19/12
BC DL	10.0 PSF	DRW	HCUSR9114 12354250
BC LL	0.0 PSF	HC-ENG	SSB/WPF
TOT. LD.	40.0 PSF	SEQN-	285518
DUR. FAC.	1.25	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05

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

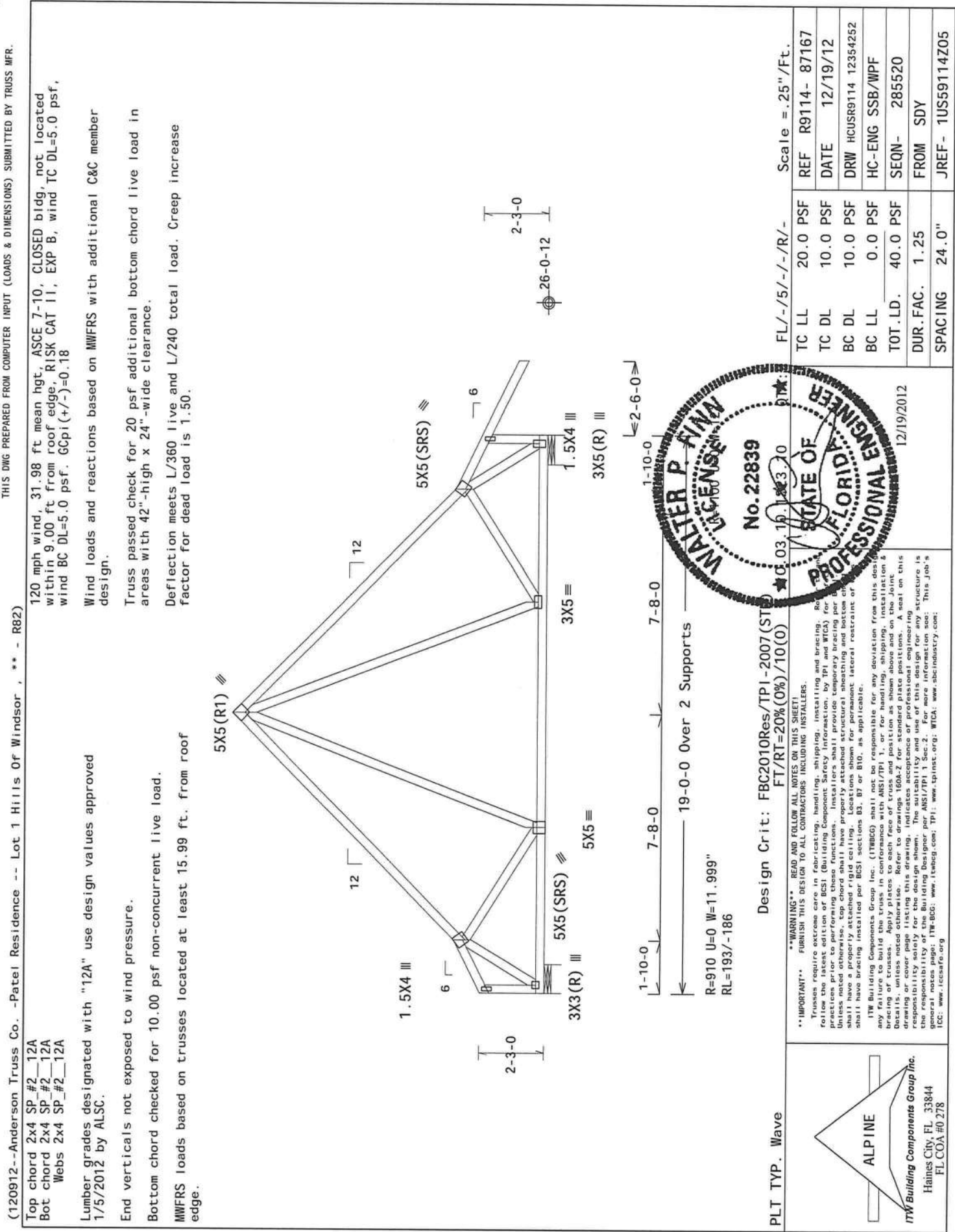
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Components Systems Inc.) Manual for proper practices prior to performing these functions. Installers shall provide temporary bracing for all trusses unless noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of trusses shall have bracing installed per BCSI 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, installation or bracing of trusses. Apply places to each face of truss and position as shown above and on the Joint Detail. Trusses shall be installed in accordance with the design shown. The suitability and use of this design for any structure is the responsibility solely 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.tpi.net.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org



ALPINE

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



Top chord	2x4	SP_#2	12A
Bot chord	2x4	SP_#2	12A
Webbs	2x4	SP_#2	12A

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

End verticals not exposed to wind pressure.

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

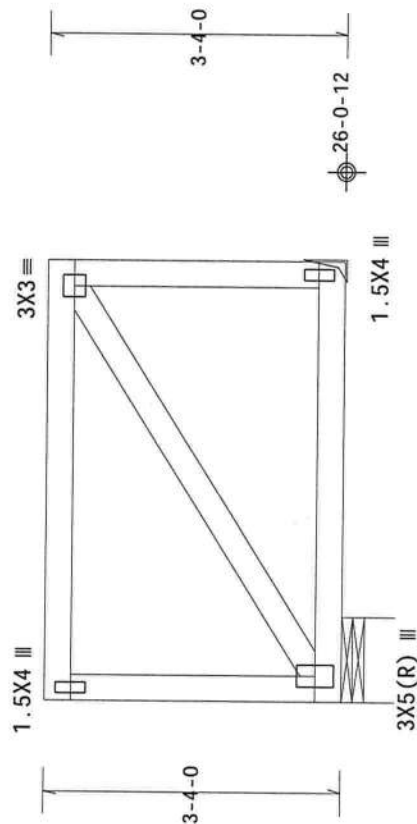
Truss must be installed as shown with top chord up.

120 mph wind, 29.40 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.

(H1) = (J) Hanger not calculated (4)2x8 SP_#1_Dense_12A supporting member.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



← 4-10-6 Over 2 Supports →
R=195 U=32 W=11.314"
R=195 U=32
H=H1

PLT TYP. Wave

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

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

Access to the ceiling cavity shall be provided to all components including installers. The installers require access in fabricating, handling, shipping, installing and bracing. Refer to the following for details: (1) Bracing: The Building Component Safety Structure, by TPI and WTCFA for all bracing. (2) Temporary bracing: The Temporary Bracing Manual, by TPI and WTCFA. (3) Permanent lateral restraint: The Permanent Lateral Restraint Manual, by TPI and WTCFA. Unless noted otherwise, top chord shall have properly attached structural steel bracing. The top chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of the top chord shall have bracing installed per BCSS sections B3, B7 or B10, as applicable.

TPI Building Components Group Inc. (TWBC02) 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, installation & 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 this fastening device is required. Indicated acceptance of professional engineering responsibility is given by the undersigned engineer for the suitability and use of this design for any structure in accordance with the provisions of the Building Code, Chapter 22, Section 22.2.2. For more information see: This job's general notes pages: TPI-BG05, www.tpiinc.com, TPI: www.tpinet.org, WPCA, www.sdsiindustries.com, ICC, www.iccsafe.org



FL/-/5/-/-/R/-		Scale = .5"/Ft.
TC LL	20.0 PSF	REF R9114- 87168
TC DL	10.0 PSF	DATE 12/19/12
BC DL	10.0 PSF	DRW HCUSR9114 12354253
BC LL	0.0 PSF	HC-ENG SSB/WPF
TOT.LD.	40.0 PSF	SEQN- 285521
DUR.FAC.	1.25	FROM SDY
SPACING	24.0"	JREF- 1US59114Z05

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - R84)

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

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

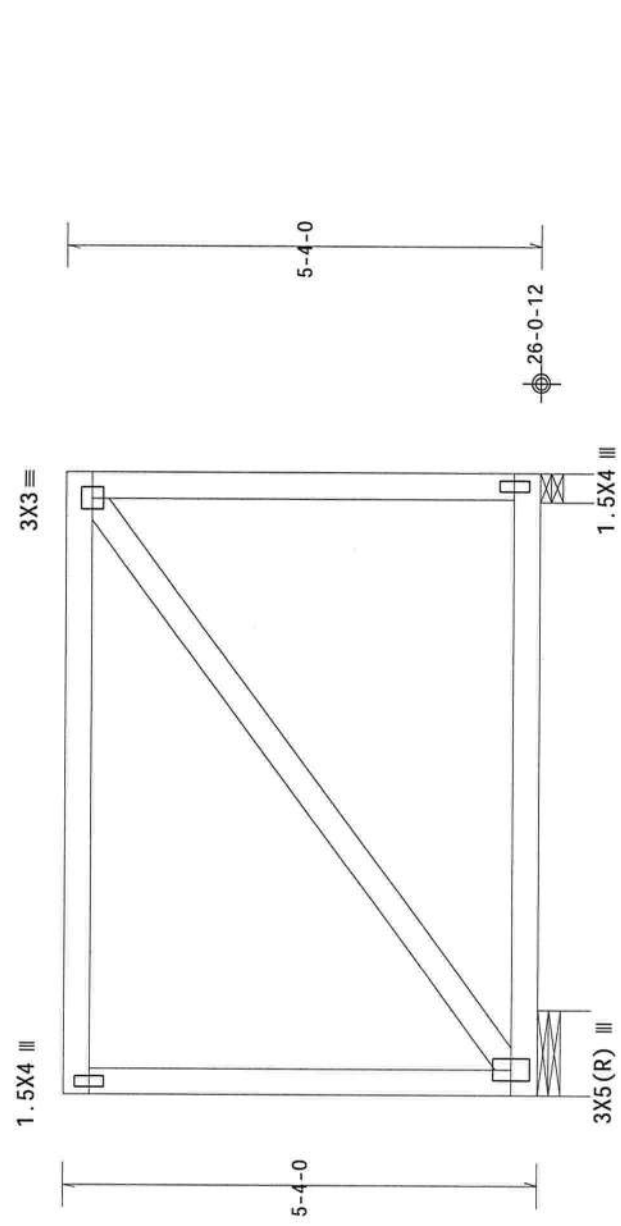
End verticals not exposed to wind pressure.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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

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

Truss must be installed as shown with top chord up.



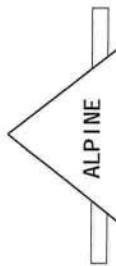
6-10-6 Over 2 Supports
R=275 U=49 W=11.314"
R=275 U=49

PLT TYP. Wave

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

No. 22839
03.19.2012

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

 ALPINE ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0 278	TC LL 20.0 PSF		REF R9114- 87169
	TC DL 10.0 PSF		DATE 12/19/12
	BC DL 10.0 PSF		DRW HCUSR9114 12354254
	BC LL 0.0 PSF		HC-ENG SSB/WPF
	TOT.LD. 40.0 PSF		SEQN- 285522
12/19/2012	DUR.FAC. 1.25		FROM SDY
	SPACING 24.0"		JREF- 1US59114Z05



****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 WGA) for practices prior to performing these functions. Installers shall provide temporary bracing per BCSI specifications. Top chord shall have properly attached structural sheathing and bottom chord shall have bracing installed per BCSI sections B3 B7 or B10, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or any failure to build the truss in conformance with the design. The user of this design shall be responsible for obtaining all necessary permits and approvals. Details, unless noted otherwise, Refer to drawings 160A-2 for standard plate positions. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This Job's general notes and drawings.
ITW BCG: www.itwbcg.com, TPI: www.tpiinc.org, WGA: www.sbcindustry.com
ICC: www.iccsafe.org

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - R85)

Top chord 2x4 SP #2_12A
Bot chord 2x4 SP #2_12A
Webs 2x4 SP #2_12A

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

End verticals not exposed to wind pressure.

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

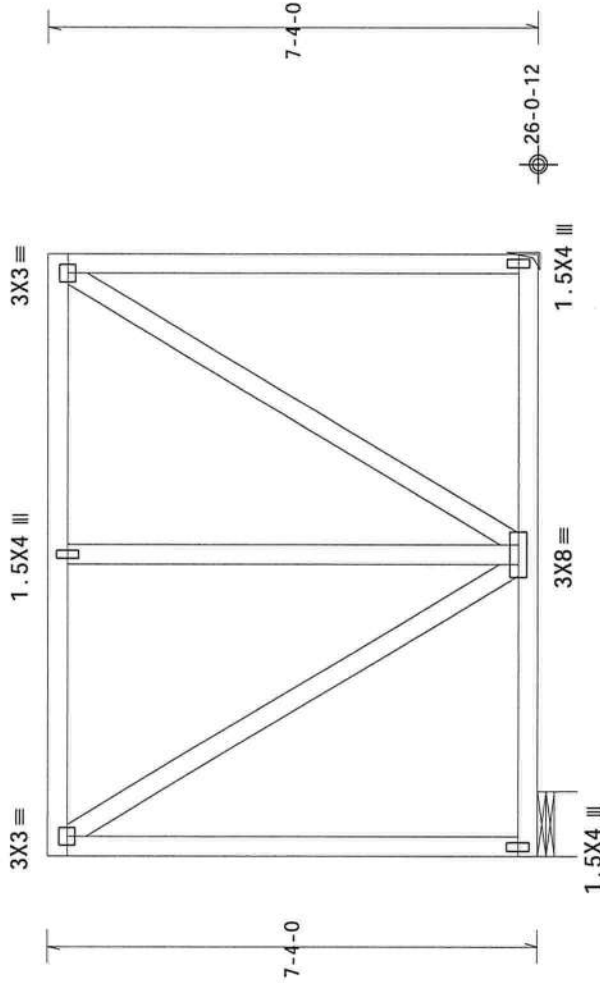
Truss must be installed as shown with top chord up.

120 mph wind, 33.40 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.

(H1) = (J) Hanger not calculated (4)2x8 SP #1_Dense_12A supporting member.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



8-10-6 Over 2 Supports
R=355 U=66 W=11.314"
R=355 U=66 H=H1

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

PLT TYP. Wave

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



FL/-/5/-/-/R/- Scale = .375"/Ft.

TC LL	20.0 PSF	REF	R9114-	87170
TC DL	10.0 PSF	DATE	12/19/12	
BC DL	10.0 PSF	DRW	HCUSR9114	12354234
BC LL	0.0 PSF	HC-ENG	SSB/WPF	
TOT. LD.	40.0 PSF	SEQN-	285523	
DUR. FAC.	1.25	FROM	SDY	
SPACING	24.0"	JREF-	1US59114Z05	

(120912--Anderson Truss Co. -- Lot 1 Hills Of Windsor , ** - R86)

Top chord 2x4 SP #2_12A
Bot chord 2x4 SP #2_12A
Webs 2x4 SP #2_12A

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

End verticals not exposed to wind pressure.

(a) Continuous lateral bracing equally spaced on member.

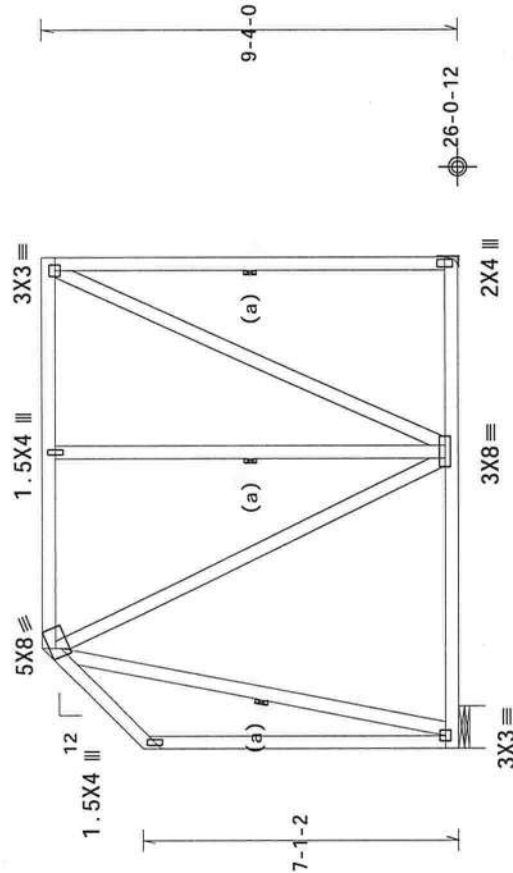
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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

(H1) = (J) Hanger not calculated (4)2x8 SP #1_Dense_12A supporting member.

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

MMFRS loads based on trusses located at least 17.14 ft. from roof edge.



2-2-15
10-10-6 Over 2 Supports
R=480 U=18 W=11.314"
RL=35
R=480 U=100
H=H1

PLT TYP. Wave

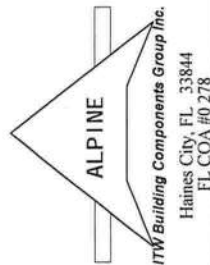
Design Crit: FBC2010Res/TPI-2007(STB)
FT/RT=20%(0%)/10(0)

FL/-/5/-/-/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"

REF	R9114- 87171
DATE	12/19/12
DRW	HCU9114 12354235
HC-ENG	SSB/WPF
SEQN-	285524
FROM	SDY
JREF-	1US59114Z05



****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET.
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for practices prior to performing these functions. Installers shall provide temporary bracing per the drawings and specifications. 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 B1, B7 or B10, as applicable.
ITE 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, installation & bracing of trusses. Apply plates to each face of truss in position as shown and on the truss. A detail on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely 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; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org



Top chord 2x4 SP #2 12A :T2 2x6 SP #1 Dense 12A:

Top	Chord	2x4	SP_#2_12A
Bot	chord	2x4	SP_#2_12A
	Webs	2x4	SP_#2_12A

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

End verticals not exposed to wind pressure.

(a) Continuous lateral bracing equally spaced on member.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

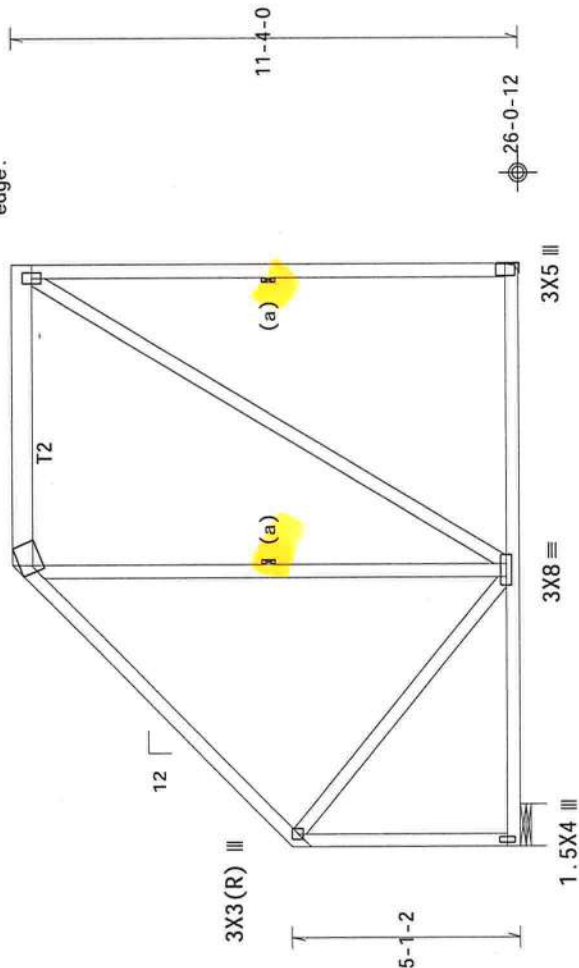
120 mph wind, 34.27 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi (+/-)=0.18.

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

(H1) = (J) Hanger not calculated (4)2x8 SP_#1_Dense_12A supporting member.

Bottom chord checked for 10,00 psf non-concurrent live load.

III MWFRS loads based on trusses located at least 17.14 ft. from roof edge.



6-2-15 6-7-7
12-10-6 Over 2 Supports
R=568 U=0 W=11.314"
RL=100/-43
R=568 U=119
H=H1

R=568 U=119
H=H1

Design Crit: FBC2010Res/TPI - 2007 (Std)
No. 22839
FT/RT=20%(0%)/10(0)
10.03.10 1223.10

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

IMPORTANT FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

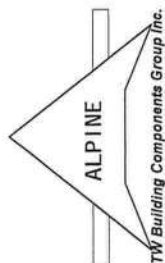
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BGSI (Building Component Safety Information, by TPI and WCA) practices prior to performing these functions. Installers shall provide temporary bracing and shoring as required. Trusses shall be installed in accordance with the following instructions. Trusses shall have a properly attached rigid ceiling. Locations for perimeter lateral restraint shall be indicated on the drawings. Batten locations shall be indicated on the drawings.

ITW Building Components Group Inc. (TWBCG) shall not be responsible for any deviation from this drawing. The user of this drawing shall be responsible for any deviation from the installation instructions. TWBCG shall not be responsible for any deviation from the installation instructions. This job's drawings are the property of TWBCG. All rights reserved. TWBCG. www.itwbuildingcomponents.com



12/19/2012

PLT TYP. Wave



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

FL/-/5/-/-/R/-			Scale = .25"/Ft.
TC LL	20.0	PSF	REF R9114- 87172
TC DL	10.0	PSF	DATE 12/19/12
BC DL	10.0	PSF	DRW HCUR9114 12354236
BC LL	0.0	PSF	HC-ENG SSB/WPF
TOT. LD.	40.0	PSF	SEQN- 285700
DUR. FAC.	1.25		FROM SDY
SPACING	24.0"		JREF- 1US9114Z05

(120912--Anderson Truss C

120 mph wind, 32.23 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

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

End verticals not exposed to wind pressure.

(a) Continuous lateral bracing equally spaced on member.

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

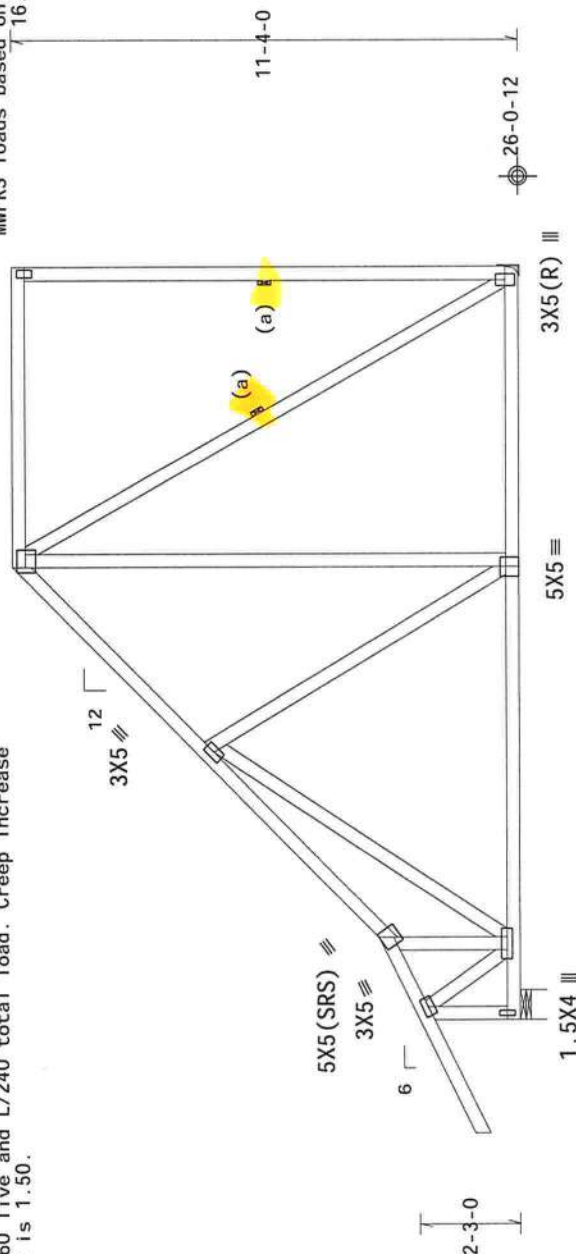
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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

(H1) = (J) Hanger not calculated (4)2x8 SP_#1_Dense_12A supporting member.

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

MWFRS loads based on trusses located at least 16.11 ft. from roof edge.


$$3 \times 8 = 24$$

1-10-0
R=1024 U=0 W=8"
RL=163/-81

16-7-7 Over 2 Supports

R=1024 U=0 W=8"
RL=163/-81

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

PLT TYP. Wave

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

Scale = .25"/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. Please refer to the latest edition of BCSP (Building Component Safety Information, by TPI and WCA) for complete instructions and details for proper installation. Installers shall provide temporary bracing for all trusses noted otherwise, top chord shall have property attached structural sheathing and bottom chord shall have property attached structural sheathing. Trusses shall be installed on a level and secure base. Trusses shall be installed per BCSP sections B3-87, B3-88, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall be responsible for any deviation from this drawing or specification by any building material used in conformance with ANSI/TPI-1 or for handling, shipping, installation, packaging, or unloading of materials, unless noted otherwise. Apply plates to each face of truss and position as shown above and on the Joint Detail Drawing. The plates must be installed in accordance with the design drawings and specifications. Refer to drawings 160A-Z for standard plate positions. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The applicability and use of this design for any structure is the responsibility of the user. This job is subject to change without notice. This job is controlled under patent # 5,879,122. **ANSI/TPI-1** www.tpi.net.org; **VITA**: www.sbcindustry.com; **CC**: www.1ccsa46.org
ITW BCG: www.itwbcg.com; **TPI**: www.tpinet.org; **VITA**: www.sbcindustry.com;

ALPINE

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

12/19/2012

FROM	CDV
------	-----

REF - 1US59114Z05

JREF- 1US59114Z05

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - R89)

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

120 mph wind, 32.85 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=5.0 psf. GCpi(+/-)=0.18

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

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

End verticals not exposed to wind pressure.

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

(a) Continuous lateral bracing equally spaced on member.

MWFRS loads based on trusses located at least 32.85 ft. from roof edge.

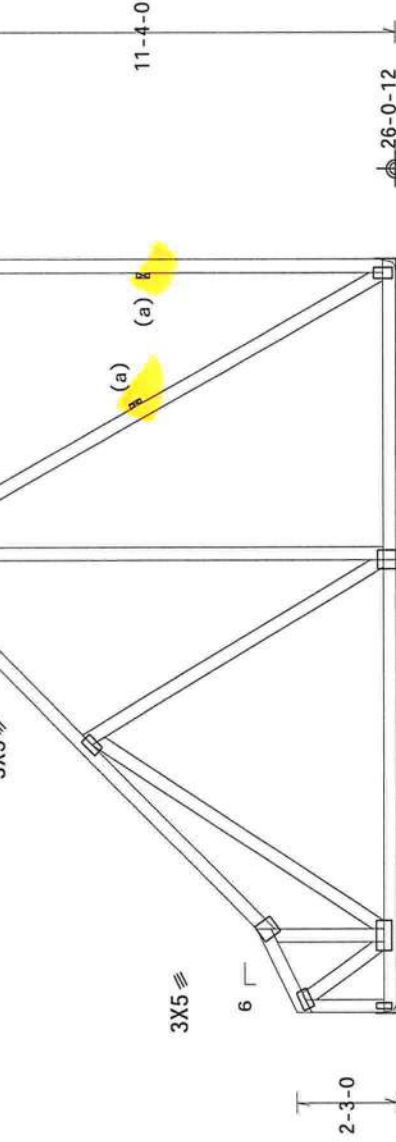
Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

2X4 III

5X6 III

12
3X5 III



1.5X4 III 5X5 (SRS) III

5X5 III

3X5 (R) III

4X8 III

1-10-0 8-2-0 6-7-7

16-7-7 Over 2 Supports

R=844 U=0

RL=144/-57

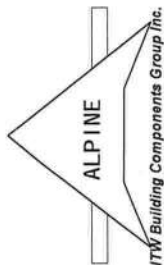
H=H1

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

PLT TYP. Wave

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for practices prior to performing these functions. Installers shall provide temporary bracing and bracing as noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have properly attached structural sheathing. 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. Trusses shall be built in accordance with ANSI/TPI 1 or for handling, shipping, installation and bracing of trusses. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on this drawing or cover page listing this drawing. Indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1, Sec. 2. For more information see: ITW-806: www.itwbcg.com, TPI: www.tpiinc.org, WTCA: www.asce.org
ICC: www.iccsafe.org



Scale = .25" / Ft.

TC LL	20.0 PSF	REF	R9114- 87174
TC DL	10.0 PSF	DATE	12/19/12
BC DL	10.0 PSF	DRW	HCUSR9114 12354204
BC LL	0.0 PSF	HC-ENG	SSB/WPF
TOT.LD.	40.0 PSF	SEQN-	285527
DUR.FAC.	1.25	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05

(120912--Anderson Truss Co. --Pate! Residence -- Lot 1 Hills Of Windsor , ** - R90)

Top chord 2x4 SP #2 12A
Bot chord 2x4 SP #2 12A
Webs 2x4 SP #2 12A

120 mph wind, 32.85 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=5.0 psf. GCpi(+/-)=0.18

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

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

End verticals not exposed to wind pressure.

(H1) = (J) Hanger not calculated (4)2x8 SP #1_Dense_12A supporting member.

(a) Continuous lateral bracing equally spaced on member.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

2X4 || MWFRS loads based on trusses located at least 32.85 ft. from roof edge.

5X6 ≡

12

3X5 ≡

6

3X3 ≡

1.5X4 ≡

3X8 ≡

5X5 (SRS) ≡

5X5 ≡

3X5 (R) ≡

26-0-12

11-4-0

2-3-0

3-9-13

1-10-0

8-2-0

10-1-11

6-7-7

16-7-7 Over 4 Supports

R=637 U=0 W=8"

RL=144/-57

R=112 U=0 W=11.321"

R=72 U=0 W=11.314"

Design Crit: FBC2010Res/TPI-2007(SD)

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

No.22839

10.03.10

12/23/10

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

Scale = .25" /Ft.

REF R9114- 87175

DATE 12/19/12

DRW HCUSR9114 12354205

HC-ENG SSB/WPF

SEQN- 285528

FROM SDY

JREF- 1US59114Z05

SPACING 24.0"

DUR.FAC. 1.25

TOT.LD. 40.0 PSF

BC LL 0.0 PSF

BC DL 10.0 PSF

TC DL 10.0 PSF

TC LL 20.0 PSF

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

PLT TYP. Wave

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

FL COA #0 278

12/19/2012

Professional Engineer

STATE OF FLORIDA

No.22839

10.03.10

12/23/10

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

Scale = .25" /Ft.

REF R9114- 87175

DATE 12/19/12

DRW HCUSR9114 12354205

HC-ENG SSB/WPF

SEQN- 285528

FROM SDY

JREF- 1US59114Z05

SPACING 24.0"

DUR.FAC. 1.25

TOT.LD. 40.0 PSF

BC LL 0.0 PSF

BC DL 10.0 PSF

TC DL 10.0 PSF

TC LL 20.0 PSF

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

PLT TYP. Wave

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

FL COA #0 278

12/19/2012

Professional Engineer

STATE OF FLORIDA

No.22839

10.03.10

12/23/10

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

Scale = .25" /Ft.

REF R9114- 87175

DATE 12/19/12

DRW HCUSR9114 12354205

HC-ENG SSB/WPF

SEQN- 285528

FROM SDY

JREF- 1US59114Z05

SPACING 24.0"

DUR.FAC. 1.25

TOT.LD. 40.0 PSF

BC LL 0.0 PSF

BC DL 10.0 PSF

TC DL 10.0 PSF

TC LL 20.0 PSF

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

PLT TYP. Wave

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

FL COA #0 278

12/19/2012

Professional Engineer

STATE OF FLORIDA

No.22839

10.03.10

12/23/10

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

Scale = .25" /Ft.

REF R9114- 87175

DATE 12/19/12

DRW HCUSR9114 12354205

HC-ENG SSB/WPF

SEQN- 285528

FROM SDY

JREF- 1US59114Z05

SPACING 24.0"

DUR.FAC. 1.25

TOT.LD. 40.0 PSF

BC LL 0.0 PSF

BC DL 10.0 PSF

TC DL 10.0 PSF

TC LL 20.0 PSF

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

PLT TYP. Wave

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

FL COA #0 278

12/19/2012

Professional Engineer

STATE OF FLORIDA

No.22839

10.03.10

12/23/10

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

Scale = .25" /Ft.

REF R9114- 87175

DATE 12/19/12

DRW HCUSR9114 12354205

HC-ENG SSB/WPF

SEQN- 285528

FROM SDY

JREF- 1US59114Z05

SPACING 24.0"

DUR.FAC. 1.25

TOT.LD. 40.0 PSF

BC LL 0.0 PSF

BC DL 10.0 PSF

TC DL 10.0 PSF

TC LL 20.0 PSF

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

PLT TYP. Wave

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

FL COA #0 278

12/19/2012

Professional Engineer

STATE OF FLORIDA

No.22839

10.03.10

12/23/10

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

Scale = .25" /Ft.

REF R9114- 87175

DATE 12/19/12

DRW HCUSR9114 12354205

HC-ENG SSB/WPF

SEQN- 285528

FROM SDY

JREF- 1US59114Z05

SPACING 24.0"

DUR.FAC. 1.25

TOT.LD. 40.0 PSF

BC LL 0.0 PSF

BC DL 10.0 PSF

TC DL 10.0 PSF

TC LL 20.0 PSF

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

PLT TYP. Wave

ALPINE

120 mph wind, 32.23 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.

(H1) = (J) Hanger not calculated (4)2x8 SP_#1_Dense_12A supporting member.

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

2X4 ||| MWFRS loads based on trusses located at least 32.23 ft. from roof edge.

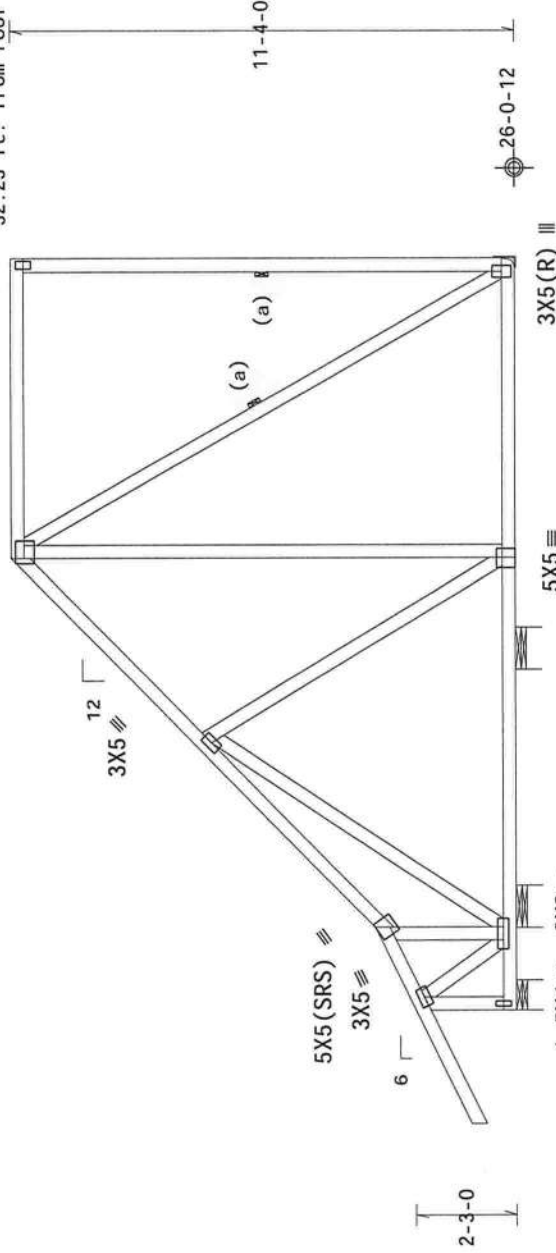


Diagram illustrating the dimensions and support locations for a bridge deck. The deck is divided into segments with the following dimensions (from left to right):

- 2-6-0
- 1-9-12
- 6-8-0
- 8-2-0
- 6-7-7
- 16-7-7

The total length of the deck is 8-1-11. The bridge is supported by 4 supports, with the first support located 1-10-0 from the left end and the last support located 16-7-7 from the right end. The text "INTER P.A." is visible on the right side of the diagram.

R=645 U=0 W=8"
RI=163/-81

P-320 II-0 W-11 321"

R=118 U=0 W=11

R-320 11-0 W=11 321"

PLT TYP. Wave

Design Crit: FBC2010Res/TPI-2007(STP
FT/RT=20%(0%)/10(0)FI /- /5 /- /- /R /-
Scale = .25"/Ft.

TC LL	20.0	PSF	REF	R9114-	87176
TC DL	10.0	PSF	DATE	12/19/12	
BC DL	10.0	PSF	DRW	HCUSR9114	12354206
BC LL	0.0	PSF	HC-ENG	SSB/WIPF	
TOT.LD.	40.0	PSF	SEQN-	285529	
DUR.FAC.	1.25		FROM	SDY	
SPACING	24.0"		JREF-	1US59114Z05	

12/19/2012

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; ITB-BGC; www.itbwcg.com; TPI: www.tpinet.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

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

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - R92)

Top chord 2x4 SP #2 12A
Bot chord 2x4 SP #2 12A
Webs 2x4 SP #2 12A

120 mph wind, 32.85 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=5.0 psf. GCpi(+/-)=0.18

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

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

End verticals not exposed to wind pressure.

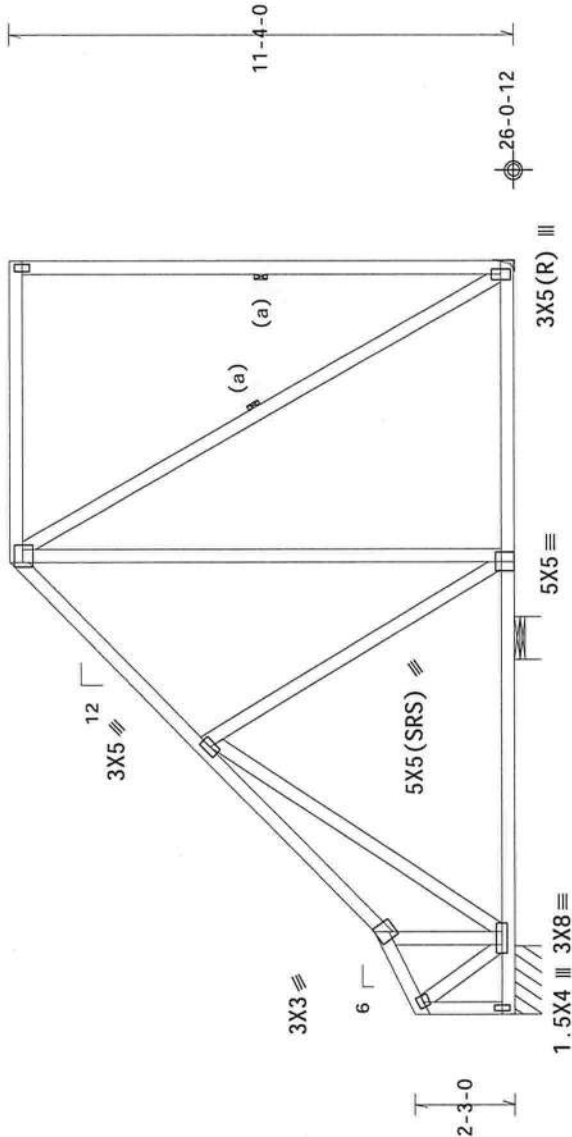
(a) Continuous lateral bracing equally spaced on member.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

MWFRS loads based on trusses located at least 16.43 ft. from roof edge.

5X6 ≡ 2X4 ≡



1-10-0 7-9-15 8-2-0 8-9-8 6-7-7

16-7-7 Over 3 Supports

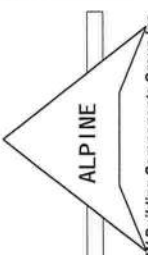
R=433 PLF U=0 PLF W=1-6-5

RL=94/-37 PLF R=171 U=0 W=11.314"

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

PLT TYP. Wave

Scale = .25" / Ft.

 ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0278	FL/ - / 5 / - / - / R / -		REF R9114- 87177
	TC LL	20.0 PSF	DATE 12/19/12
	TC DL	10.0 PSF	DRW HCUSR9114 12354268
	BC DL	10.0 PSF	HC-ENG SSB/WPF
	BC LL	0.0 PSF	SEQN- 285530
	TOT. LD.	40.0 PSF	FROM SDY
DUR. FAC. 1.25		SPACING 24.0"	JREF- 1US59114Z05



****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 WTCA) for practices prior to performing these functions. Installers shall provide temporary bracing per details noted elsewhere. Top chord shall have properly attached structural sheathing and bottom chord shall have properly attached structural sheathing. Lateral restraint of trusses shall be provided by 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 and specifications. 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 this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec. 2. For more information see: ITW-BCG: www.fcbg.com, TPI: www.tpiinc.org, WTCA: www.alcusafo.org

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - R93)

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

120 mph wind, 35.31 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

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

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

End verticals not exposed to wind pressure.

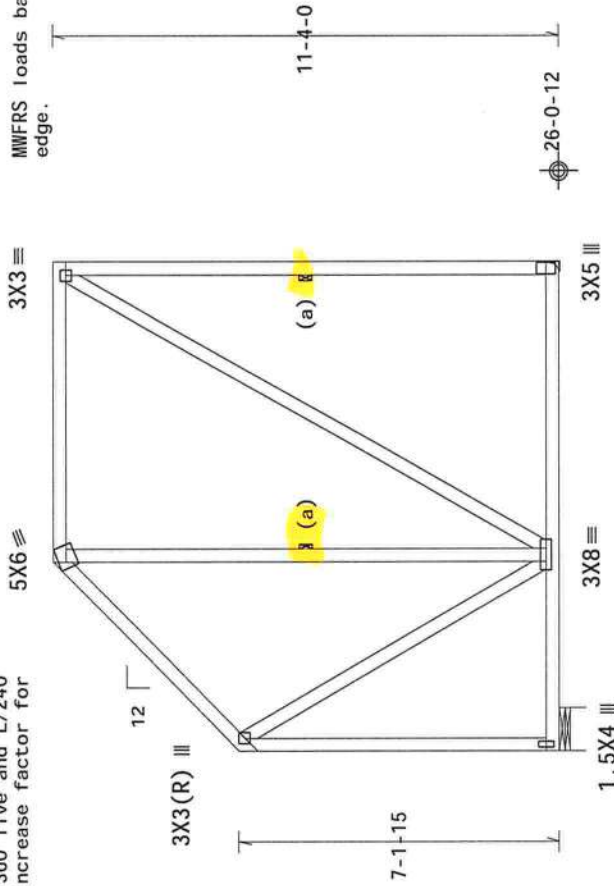
(H1) = (J) Hanger not calculated (4)2x8 SP_#1_Dense_12A supporting member.

(a) Continuous lateral bracing equally spaced on member.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

MWFRS loads based on trusses located at least 17.66 ft. from roof edge.



4-2-1 6-7-7
10-9-8 Over 2 Supports
R=476 U=0 W=11.314"
RL=67/-29
R=476 U=115
H=H1

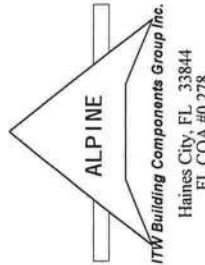
Design Crit: FBC2010Res/TPI-2007(ST) FT/RT=20%(0%)/10(0)

PLT TYP. Wave

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for practices prior to performing these functions. Installers shall provide temporary bracing per the needed references. The truss shall be installed in accordance with the manufacturer's instructions. The truss 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 and any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the user. ITWBCG does not warrant the design for any specific use. This job is the property of ITWBCG. ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; WTCA: www.abcdindustry.com; ICC: www.iccsafe.org



FL/-/5/-/-/R/- Scale = .25" /Ft.

TC LL	20.0 PSF	REF	R9114- 87178
TC DL	10.0 PSF	DATE	12/19/12
BC DL	10.0 PSF	DRW	HCUSR9114 12354207
BC LL	0.0 PSF	HC-ENG	SSB/WPF
TOT.LD.	40.0 PSF	SEQN-	285531
DUR.FAC.	1.25	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - R94)

Top chord 2x4 SP #2_12A
Bot chord 2x6 SP #1_Dense_12A
Webs 2x4 SP #2_12A

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

Left end vertical not exposed to wind pressure.

(H1) = (J) Hanger not calculated (1)2x6 SP #1_Dense_12A supporting member.

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

MWFRS loads based on trusses located at least 18.14 ft. from roof edge.

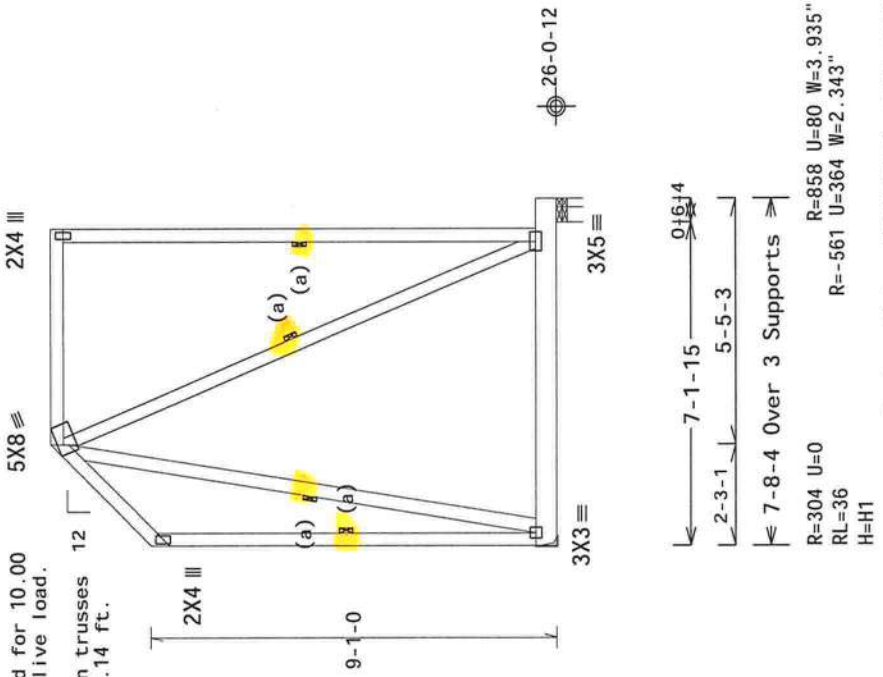
Negative reaction(s) of -561# MAX. (See below) from a non-wind load case requires uplift connection.

120 mph wind, 36.27 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.

(a) Continuous lateral bracing equally spaced on member.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



R=304 U=0
RL=36
H=H1
R=858 U=80 W=3.935"
R=-561 U=364 W=2.343"

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

PLT TYP. Wave

ALPINE

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

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET.
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
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 WTCA) for practices prior to performing these functions. Installers shall provide temporary bracing per details 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 B1, 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, installation or use of the truss. ITWBCG shall not be responsible for any damage to property or injury to persons resulting from the use of the truss. Refer to drawings 160A-2 for standard plate positions. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: general notes page; ITW-BCG; www.itwbcg.com; TPI: www.tpinet.org; WTCA: www.alcindustry.com; ICC: www.iccsafe.org



FL/-/5/-/-/R/-		Scale = .25"/Ft.		
TC LL	20.0 PSF	REF	R9114-	87179
TC DL	10.0 PSF	DATE	12/19/12	
BC DL	10.0 PSF	DRW	HCUSR9114	12354208
BC LL	0.0 PSF	HC-ENG	SSB/WPF	
TOT.LD.	40.0 PSF	SEQN-	285532	
DUR.FAC.	1.25	FROM	SDY	
SPACING	24.0"	JREF-	1US59114Z05	

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - R95)

Top chord 2x4 SP #2_12A
Bot chord 2x6 SP #1_Dense_12A
Webs 2x4 SP #2_12A

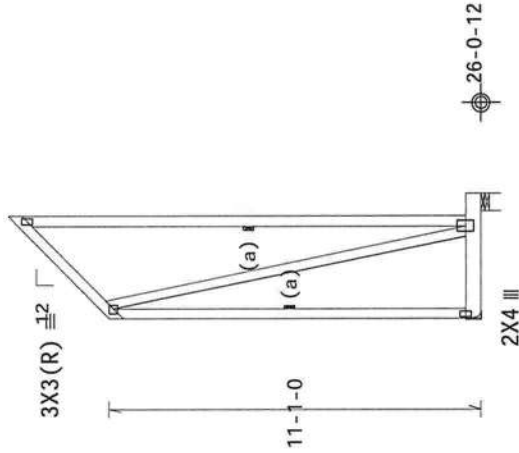
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

Left end vertical not exposed to wind pressure.

(a) Continuous lateral bracing equally spaced on member.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

2X4



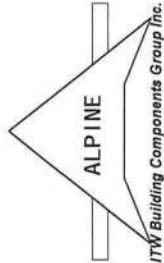
R=162 Rw=231 U=23
RL=49/-21
H=H1

4X6(R)

3-8-4 over 2 Supports

R=158 Rw=160 U=157 W=6.278"

PLT TYP. Wave



Design Crit: FBC2010Res/TPI-2007(STIP)
FT/RT=20%(0%)/10(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. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of truss shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
****IMPORTANT**** ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or any failure to build and install trusses in accordance with this design. 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 ANSI/TPI 1 Sec.2. For more information see: This job's general notes page; ITW-BCG: www.itwbcg.com; TPI: www.tpiinc.org; WTCA: www.sdcindustry.com; IBC: www.iccsafe.org



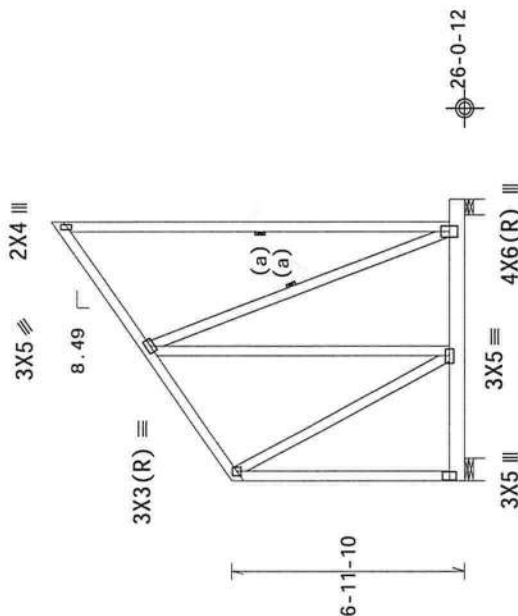
FL/-/5/-/-/R/-	Scale = .1875"/Ft.
TC LL 20.0 PSF	REF R9114- 87180
TC DL 10.0 PSF	DATE 12/19/12
BC DL 10.0 PSF	DRW HCUSR9114 12354209
BC LL 0.0 PSF	HC-ENG SSB/WPF
TOT.LD. 40.0 PSF	SEQN- 285533
DUR.FAC. 1.25	FROM SDY
SPACING 24.0"	JREF- 1US59114Z05

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

Wind loads and reactions based on MWFRS.

(a) Continuous lateral bracing equally spaced on member.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



8-3-9 Over 2 Supports

R=589 U=82 W=8" R=547 U=75 W=5.5"

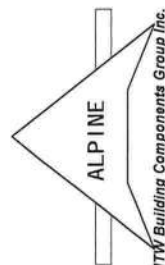
PLT TYP: Wave

Design Crit: FBC2010Res/TPI-2007(STD)
FT/RT=20%(0%)/10(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. The following information is provided for the use of the contractor. The contractor shall follow the latest edition of BCSI (Building Component Safety Information, by TPI and WICA) practices prior to performing these functions. Installers shall provide temporary bracing post and brace as needed. Trusses shall be braced in accordance with the manufacturer's instructions 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. (**TWBC**) shall be responsible for any deviation from this specification due to manufacturing or assembly failure to build the truss in conformance with ANSI/TPI-1, or for handling, shipping, installation or unloading practices. Apply plates to each face of trusses and position as shown above and on the Joint Detailing Drawing. The drawings are subject to change without notice. All dimensions are nominal.
Detailed Description: Decals, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on 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 specifications page TW-802; www.ltwinc.com; TPI: www.tpi.net; ITW: www.itwbuilding.com;
[CFC]



Haines City, FL 33844
FL COA #0 278



12/19/2012

FL/-/5/-/-/R/-		Scale = .1875"/Ft.
TC LL	20.0 PSF	REF R9114- 87181
TC DL	10.0 PSF	DATE 12/19/12
BC DL	10.0 PSF	DRW HCUSR9114 12354210
BC LL	0.0 PSF	HC-ENG SSB/WPF
TOT.LD.	40.0 PSF	SEQN- 285626
DUR.FAC.	1.25	FROM SDY
SPACING	24.0"	JREF- 1U559114Z05

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - R97)

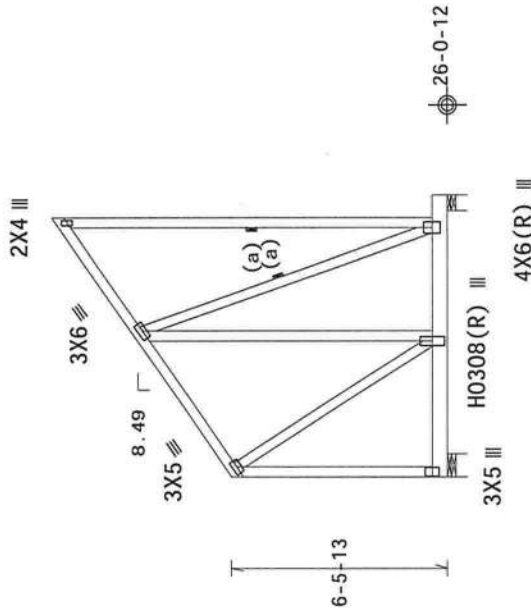
Top chord 2x4 SP #2_12A
Bot chord 2x6 SP #1_Dense_12A
Webs 2x4 SP #2_12A

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

120 mph wind, 35.24 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

Left end vertical not exposed to wind pressure.

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



8-3-9 Over 2 Supports
R=1462 U=107 W=8"
R=1345 U=117 W=5.5"

PLT TYP. 20 Gauge HS, Wave

Design Crit: FBC2010Res/TPI-2007(S10)
FT/RT=20%(0%)/10(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. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and WCA) practices prior to performing these functions. Installers shall provide temporary bracing per details, unless noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have properly attached structural sheathing. Lateral restraint shall be provided by 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 installation. ITWBCG shall not be responsible for any deviation from this design or installation. Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per AISI/TPI 1 Sec.2. For more information see: This job's ICC: www.iccsafe.org TPI: www.tpi.com WCA: www.wcaindustry.com



Special loads
----- (Lumber Dur. Fac.=1.25 / Plate Dur. Fac.=1.25)
TC- From 64 plf at 0.00 to 64 plf at 7.63
BC- From 10 plf at 0.00 to 10 plf at 7.63
BC- From 70 plf at 7.63 to 70 plf at 8.29
BC- 540.92 lb Conc. Load at 0.90
BC- 542.85 lb Conc. Load at 2.90
BC- 544.99 lb Conc. Load at 4.90
BC- 563.38 lb Conc. Load at 6.90

Wind loads and reactions based on MWFRS.

(a) Continuous lateral bracing equally spaced on member.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

TC LL	20.0 PSF	FL/-/5/-/-/R/-	Scale = .1875"/Ft.
TC DL	10.0 PSF	REF	R9114- 87182
BC DL	10.0 PSF	DATE	12/19/12
BC LL	0.0 PSF	DRW	HCUSR9114 12354211
TOT. LD.	40.0 PSF	HC-ENG	SSB/WPF
DUR. FAC.	1.25	SEQN-	285627
SPACING	24.0"	FROM	SDY
		JREF-	1US59114Z05

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - R98)

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

120 mph wind, 26.73 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

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

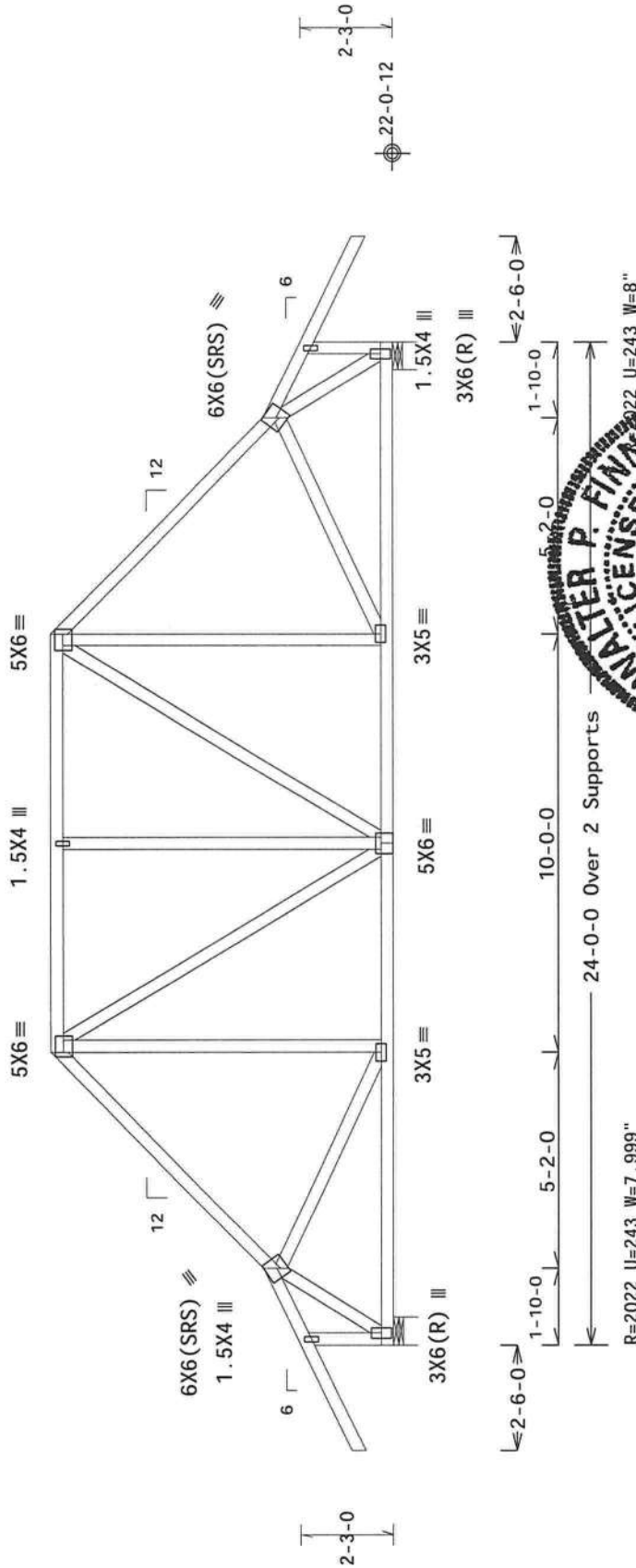
Wind loads and reactions based on MWFRS.

End verticals not exposed to wind pressure.

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

Deflection meets L/360 live and L/240 total load. Creep increase
factor for dead load is 1.50.

Left side jacks have 7-0-0 setback with 0-0-0 cant and 2-6-0 overhang.
End jacks have 7-0-0 setback with 0-0-0 cant and 2-6-0 overhang.
Right side jacks have 7-0-0 setback with 0-0-0 cant and 2-6-0
overhang.



PLT TYP. Wave

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

Scale = .25" /Ft.

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

REF R9114- 87183

DATE 12/19/12

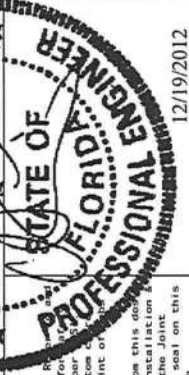
DRW HCUSR9114 12354181

HC-ENG SSB/WPF

SEQN- 285628

FROM SDY

JREF- 1US59114Z05



****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. Read and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for proper practices prior to performing these functions. Installers shall provide temporary bracing per the drawings. Trusses 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 or any failure to build the truss in conformance with ANSI/TPI 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 Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the user. For more information, contact ITW Building Components Group Inc. general notices page: ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; WTCA: www.sbcindustry.com; ITC: www.itcnafe.org

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

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - R99)

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

120 mph wind, 27.73 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

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

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

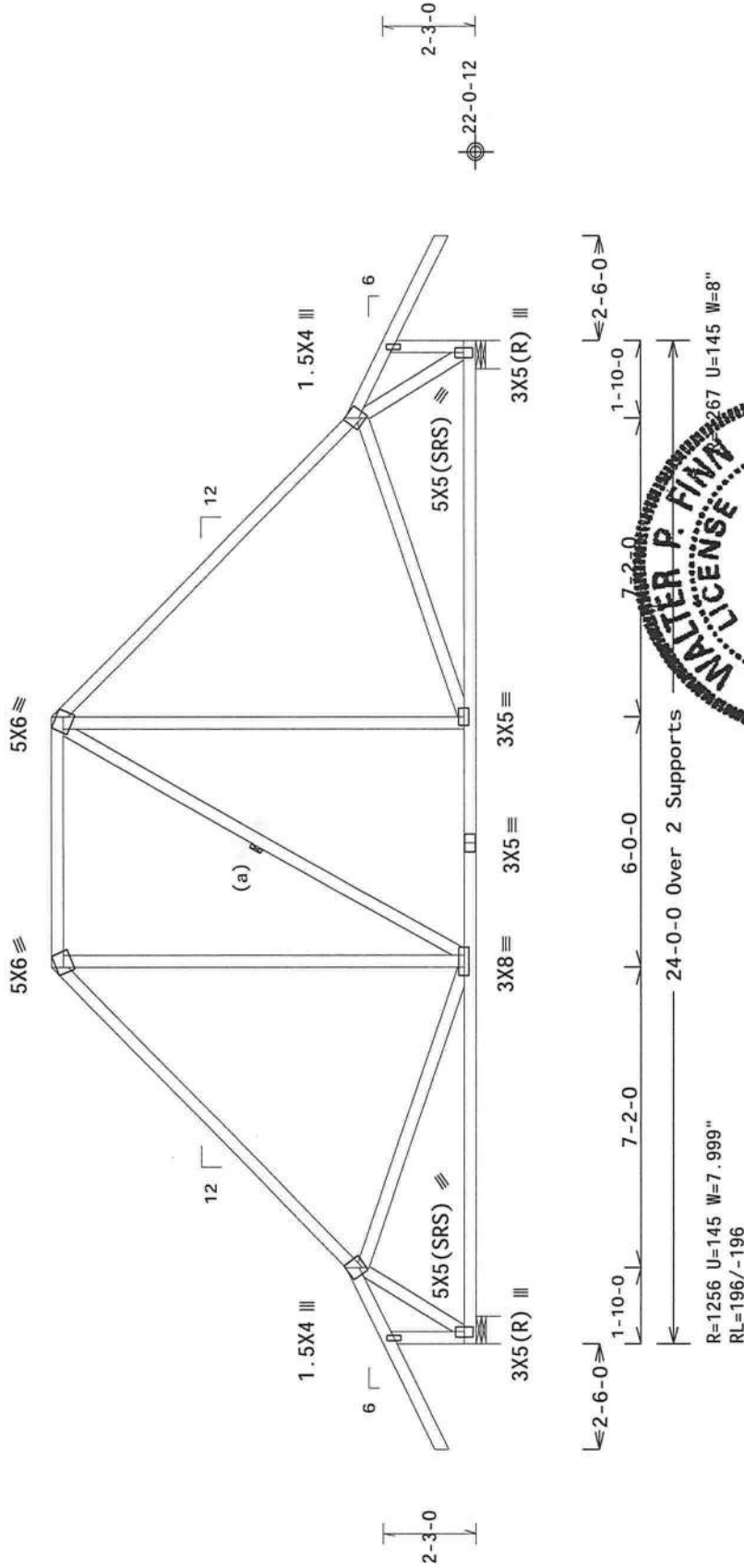
End verticals not exposed to wind pressure.

(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/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



PLT TYP. Wave

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

Scale = .25" / Ft.

TC LL	20.0 PSF	REF	R9114- 87184
TC DL	10.0 PSF	DATE	12/19/12
BC DL	10.0 PSF	DRW	HCUSR9114 12354126
BC LL	0.0 PSF	HC-ENG	SSB/WPF
TOT.LD.	40.0 PSF	SEQN-	285534
DUR.FAC.	1.25	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05

****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 WTCA) for practices prior to performing these functions. Installers shall provide temporary bracing per BCSI 160A-2 for all trusses. Trusses shall be braced in accordance with BCSI 160A-2. Trusses 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 or any failure to build the truss in conformance with ANSI/TPI 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 Joint Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on this drawing or cover page listing this drawing. Indicates acceptance of professional engineering responsibility solely for the design shown. The use of this design for any structure is the responsibility of the user. Building Code Official (BCO) shall not be responsible for this job's general needs page: ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; WTCA: www.industry.com; TCC: www.tccsafe.org



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

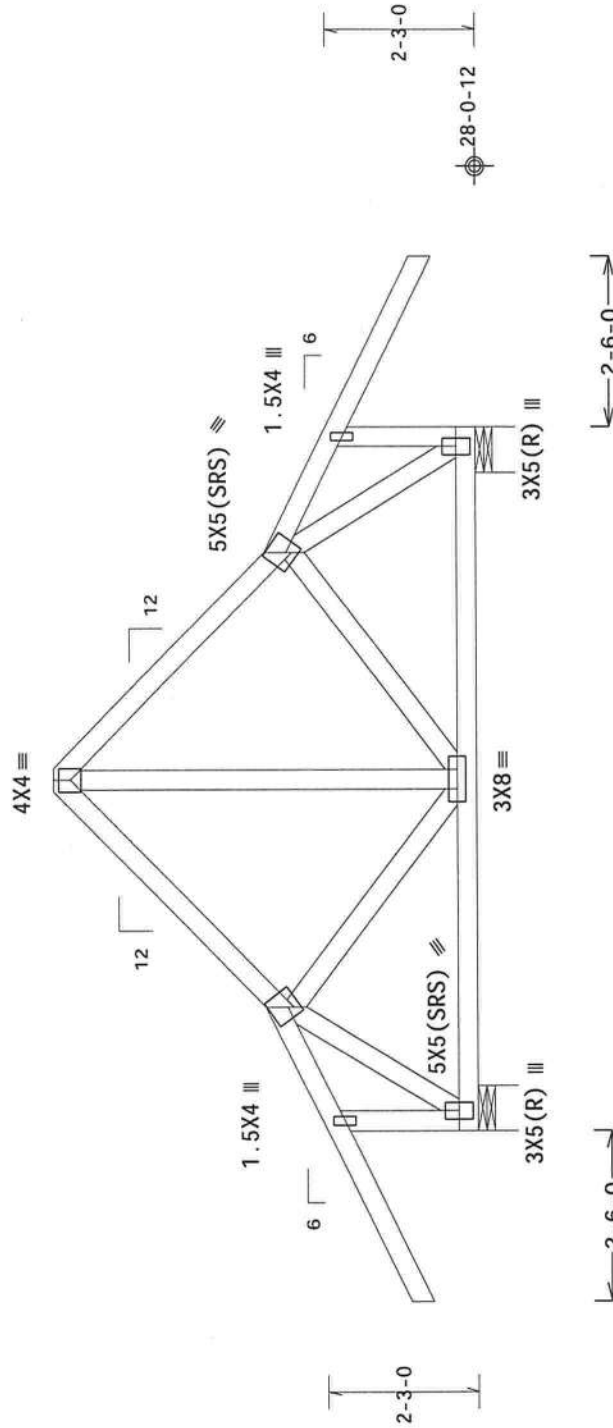
120 mph wind, 31.73 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi (+/-)=0.18

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

Wind loads and reactions based on MWFRS.

End verticals not exposed to wind pressure.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



10-4-0 Over 2 Supports

R=746 II=135 W=8"

Design Crit: $\text{FBC2010Res/TPI-2007(STD FT/RT=20\%(0\%)/10(0))}$

PLT TYP. Wave

Scale = .375"/Ft.

TC LL	20.0	PSF	REF	R9114- 87185
TC DL	10.0	PSF	DATE	12/19/12
BC DL	10.0	PSF	DRW	HCUSR9114 12354127
BC LL	0.0	PSF	HC-ENG	SSB/WPF
TOT.LD.	40.0	PSF	SEQN-	285629
DUR.FAC.	1.25		FROM	SDY
SPACING	24.0"		JREF-	1US59114Z05

STATE OF FLORIDA
PROFESSIONAL ENGINEER
No. 12512
DAVID A. HINES

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSP (Building Components Specifications) for all details. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid soiling. Locations shown for permanent lateral restraint of wall shall have bracing installed per BCSP sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or any failure to build the truss in conformance with ANSI/TPI 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 Joint Details, unless noted otherwise. Refer to drawings 1600-2 for standard plate positions. Refer to this drawing for coverage of top chord and bottom chord. The liability 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. ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; WTCA: www.abctindustry.com; www.1ccsaafe.org

ALPINE

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

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - R101)

Top chord 2x6 SP_#1_Dense_12A
Bot chord 2x4 SP_#2_12A
Webs 2x4 SP_#2_12A

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

120 mph wind, 28.06 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

(H1) = (J) Hanger not calculated (1)2x6 SP_#1_Dense_12A supporting member.

Truss must be installed as shown with top chord up.

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

IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER AND TRUSS FABRICATOR TO REVIEW THIS DWG PRIOR TO CUTTING LUMBER TO VERIFY THAT ALL DATA, INCLUDING DIMENSIONS AND LOADS, CONFORM TO THE ARCHITECTURAL PLANS/ SPECIFICATIONS AND FABRICATOR'S TRUSS LAYOUT.

Special loads

-----Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 60 plf at 0.00 to 60 plf at 4.48
BC- From 20 plf at 0.00 to 20 plf at 4.48
TC- 361.59 lb Conc. Load at 1.45
TC- 41.19 lb Conc. Load at 3.45

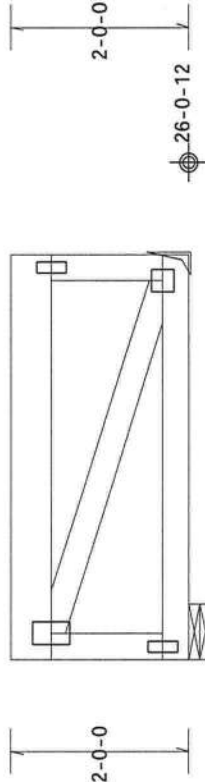
Wind loads and reactions based on MWFRS.

End verticals not exposed to wind pressure.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

3X5(R) III 1.5X4 III



4-5-12 Over 2 Supports
R=433 U=49 W=7.25" R=328 U=43
H=H1

Design Crit: FBC2010Res/TPI-2007(S10)
FT/RT=20%(0%)/10(0)

PLT TYP. Wave

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

TC LL	20.0 PSF	REF	R9114- 87186
TC DL	10.0 PSF	DATE	12/19/12
BC DL	10.0 PSF	DRW	HCUSR9114 12354212
BC LL	0.0 PSF	HC-ENG	SSB/WPF
TOT.LD.	40.0 PSF	SEQN-	285630
DUR.FAC.	1.25	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05

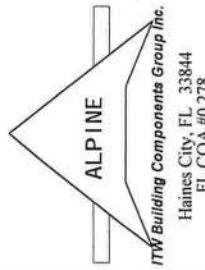


WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET

FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Component Safety) Information, by TPI and WCA. 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 drawing or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation, 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 this drawing or cover page listing this drawing, indicates acceptance of professional engineering. 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.icc-cca.org



(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - R102)

Top chord 2x6 SP_#1_Dense_12A
Bot chord 2x6 SP_#1_Dense_12A
Webs 2x4 SP_#2_12A

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

120 mph wind, 28.06 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

End verticals not exposed to wind pressure.

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

Truss must be installed as shown with top chord up.

IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER AND TRUSS FABRICATOR TO REVIEW THIS DWG PRIOR TO CUTTING LUMBER TO VERIFY THAT ALL DATA, INCLUDING DIMENSIONS AND LOADS, CONFORM TO THE ARCHITECTURAL PLANS/ SPECIFICATIONS AND FABRICATOR'S TRUSS LAYOUT.

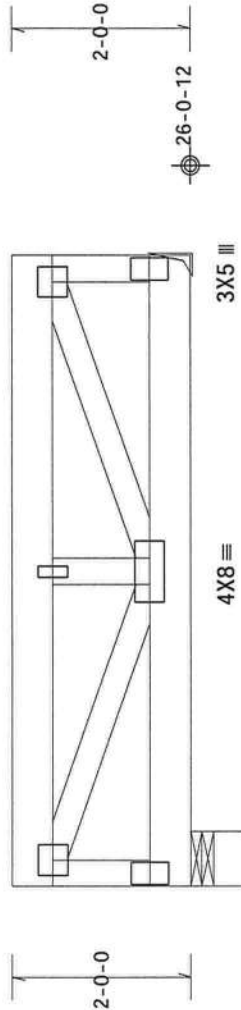
Special loads
-----Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 60 plf at 0.00 to 60 plf at 6.94
BC- From 20 plf at 0.00 to 20 plf at 6.94
TC- 361.59 lb Conc. Load at 2.12
TC- 41.19 lb Conc. Load at 4.12
TC- 161.58 lb Conc. Load at 5.21
BC- 328.22 lb Conc. Load at 5.15

Wind loads and reactions based on MWFRS.

(H1) = (J) Hanger not calculated (1)2x6 SP_#1_Dense_12A supporting member.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

4X4 ≡ 1.5X4 III 4X4 ≡



6-11-4 Over 2 Supports
R=670 U=94 W=7.25"
R=777 U=1
H=H1

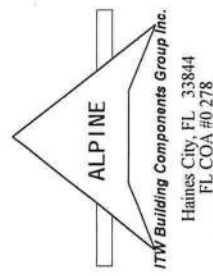
Design Crit: FBC2010Res/TPI-2007(STP)
FT/RT=20%(0%)/10(0)

PLT TYP. Wave

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

TC LL	20.0 PSF	REF	R9114- 87187
TC DL	10.0 PSF	DATE	12/19/12
BC DL	10.0 PSF	DRW	HCUSR9114 12354213
BC LL	0.0 PSF	HC-ENG	SSB/WPF
TOT.LD.	40.0 PSF	SEQN-	285631
DUR.FAC.	1.25	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05

****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 WTCA for all practices prior to performing these functions. Installers shall provide temporary bracing per the BCSI information and shall have a properly attached rigid collar. 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 or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & 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 this drawing or cover page listing this drawing, indicating acceptance of professional engineering responsibility is hereby provided. This drawing is the property of ITW Building Components Group Inc. and shall not be reproduced without the written permission of ITW Building Components Group Inc. For more information see: This job's general notes page, ITW-BCG: www.itwbcg.com, TPI: www.tpiinc.org, WTCA: www.sbcindustry.com; ICC: www.iccsafe.org



(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - R104)

Top chord 2x4 SP #2_12A
Bot chord 2x4 SP #2_12A
Webs 2x4 SP #2_12A

120 mph wind, 30.73 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

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

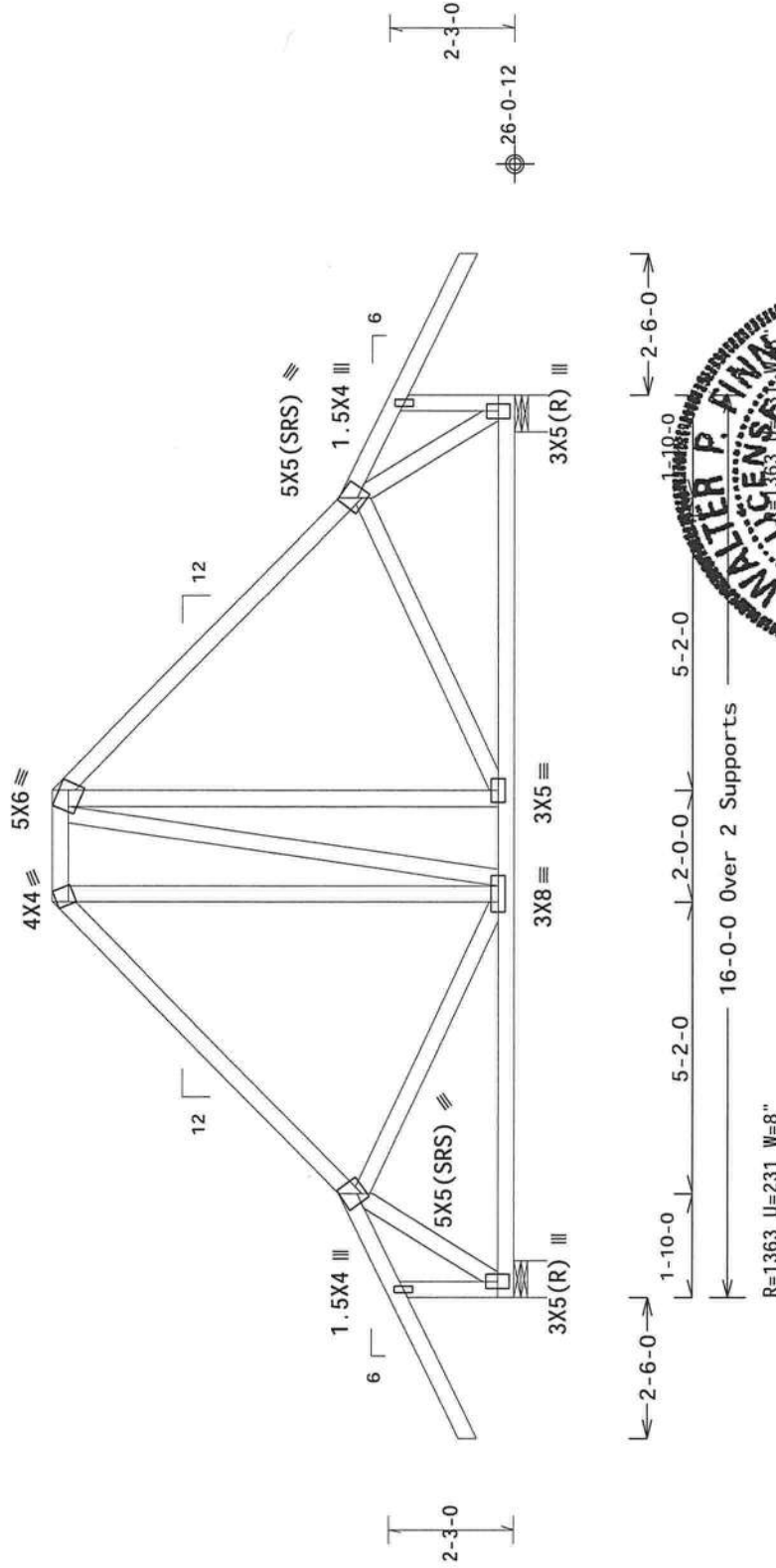
Wind loads and reactions based on MWFRS.

End verticals not exposed to wind pressure.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

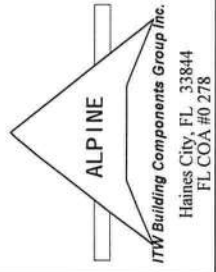
Left side jacks have 7-0-0 setback with 0-0-0 cant and 2-6-0 overhang.
End jacks have 7-0-0 setback with 0-0-0 cant and 2-6-0 overhang.
Right side jacks have 7-0-0 setback with 0-0-0 cant and 2-6-0 overhang.



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

TC LL	20.0 PSF	FL/-/5/-/-/R/-	Scale = .3125"/Ft.
TC DL	10.0 PSF		REF R9114- 87189
BC DL	10.0 PSF		DATE 12/19/12
BC LL	0.0 PSF		DRW HCUSR9114 12354215
TOT.LD.	40.0 PSF		HC-ENG SSB/WPF
DUR.FAC.	1.25		SEQN- 285633
SPACING	24.0"		FROM SDV
			JREF- 1US59114Z05

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, by TPI and WCA) 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 or any failure to build the Truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing. The user of this design shall 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, installation & bracing. Refer to drawings 160A-2 for standard plate positions. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: general notes page. ITW-BCG: www.itwbcg.com, TPI: www.tpiinst.org, WCA: www.sbcindustry.com, IBC: www.ircsaife.org

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - R105)

Top chord 2x4 SP #2_12A
Bot chord 2x4 SP #2_12A
Webs 2x4 SP #2_12A

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

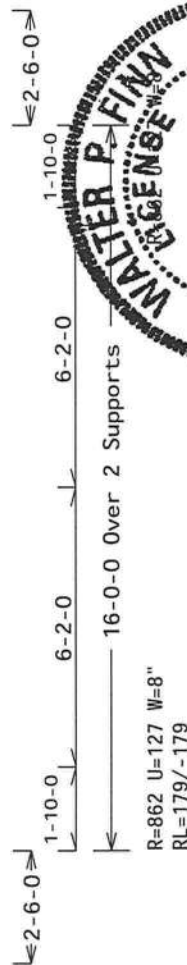
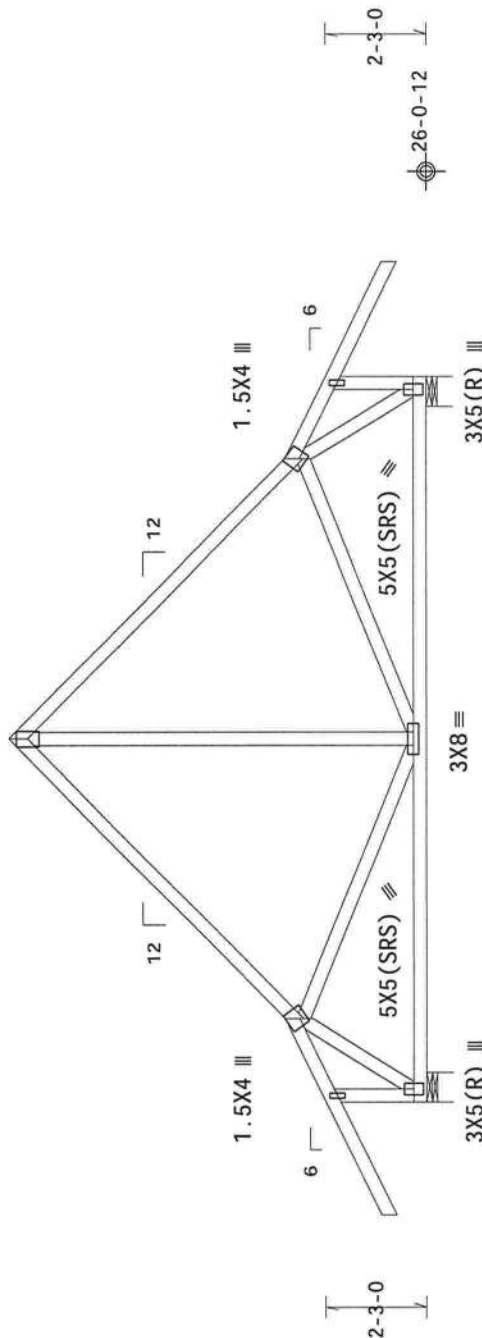
End verticals not exposed to wind pressure.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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

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

4X6(R) III



R=862 U=127 W=8"
RL=179/-179

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

PLT TYP. Wave

FL/-/5/-/-/R/- Scale = .25"/Ft.

TC LL	20.0 PSF	REF	R9114- 87190
TC DL	10.0 PSF	DATE	12/19/12
BC DL	10.0 PSF	DRW	HCUSR9114 12354178
BC LL	0.0 PSF	HC-ENG	SSB/WPF
TOT.LD.	40.0 PSF	SEQN-	285535
DUR.FAC.	1.25	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05

WATER P. FINN
ENGINEER
No. 22839
03.10.12
STATE OF FLORIDA
PROFESSIONAL ENGINEER
12/19/2012

****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. It is the responsibility of the truss manufacturer to provide complete and detailed instructions for the proper installation and bracing of the truss. The truss manufacturer shall be responsible for providing the necessary bracing and instructions for the proper installation and bracing of the truss. The truss manufacturer shall be responsible for providing the necessary bracing and instructions for the proper installation and bracing of the truss. The truss manufacturer shall be responsible for providing the necessary bracing and instructions for the proper installation and bracing of the truss.

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, installation & 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 1000-2 for standard plate positions and details. The truss manufacturer shall be responsible for providing the necessary bracing and instructions for the proper installation and bracing of the truss. The truss manufacturer shall be responsible for providing the necessary bracing and instructions for the proper installation and bracing of the truss. The truss manufacturer shall be responsible for providing the necessary bracing and instructions for the proper installation and bracing of the truss.

ICC: www.iccsafe.org

ALPINE

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

(120912--Anderson Truss Co. --Patel Residence -- Lot 1 Hills Of Windsor , ** - R106)

Top chord 2x4 SP #2 12A
Bot chord 2x4 SP #2 12A
Webs 2x4 SP #2 12A

120 mph wind, 17.67 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

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

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

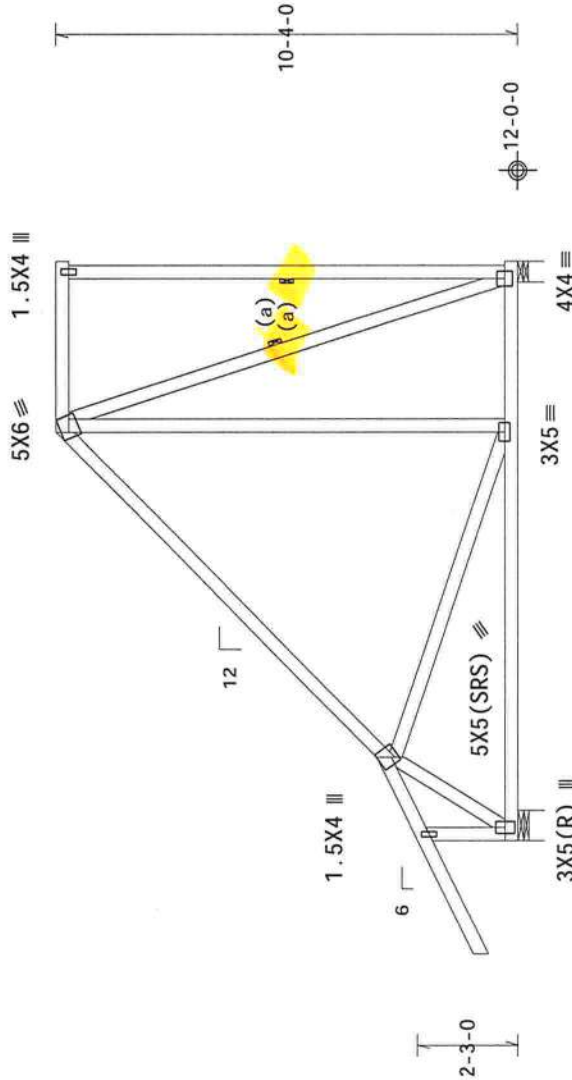
End verticals not exposed to wind pressure.

(a) Continuous lateral bracing equally spaced on member.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

MMFRS loads based on trusses located at least 8.83 ft. from roof edge.



1-10-0 7-2-0 3-9-0
12-9-0 Over 2 Supports
R=5
R=729 U=0 W=8"
RL=153/-79

PLT TYP. Wave

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

FL/-/5/-/-/R/- Scale = .25"/Ft.

TC LL	20.0 PSF	REF	R9114- 87191
TC DL	10.0 PSF	DATE	12/19/12
BC DL	10.0 PSF	DRW	HCUSR9114 12354179
BC LL	0.0 PSF	HC-ENG	SSB/WPF
TOT.LD.	40.0 PSF	SEQN-	285536
DUR.FAC.	1.25	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05



****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 WTCA. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of trusses shall have bracing installed per BCSI 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, installation or bracing of trusses. Apply plates to each face of truss and position as shown above and on the joint. The responsibility of the Building Designer 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; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

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

(120912--Anderson Truss Co. --Patel Residence -- Lot 1 Hills Of Windsor , ** - R107)

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

120 mph wind, 17.67 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

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

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

End verticals not exposed to wind pressure.

(a) Continuous lateral bracing equally spaced on member.

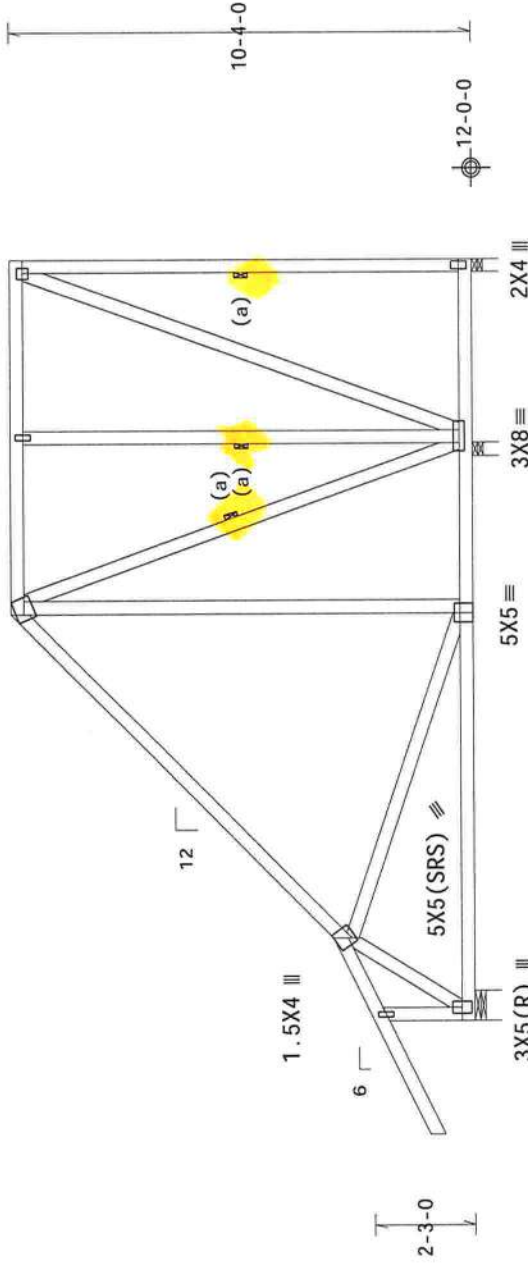
Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

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

MWFRS loads based on trusses located at least 8.83 ft. from roof edge.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

5X6 ≡ 1.5X4 ≡ 3X3 ≡



1-10-0 12-5-8 7-2-0 4-3-14 7-9-6
16-9-6 Over 3 Supports
R=815 U=0 W=8"
RL=153/-79

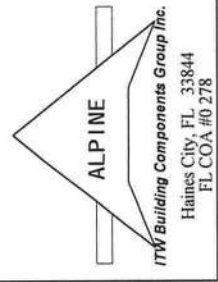
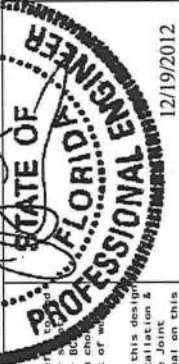
Design Crit: FBC2010Res/TPI-2007(STB)
FT/RT=20%(0%)/10(0)

PLT TYP. Wave

FL/-/5/-/-/R/- Scale = .25"/Ft.

TC LL	20.0 PSF	REF	R9114- 87192
TC DL	10.0 PSF	DATE	12/19/12
BC DL	10.0 PSF	DRW	HCU9114 12354180
BC LL	0.0 PSF	HC-ENG	SSB/WPF
TOT LD.	40.0 PSF	SEQN-	285537
DUR.FAC.	1.25	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05

****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 follow the instructions for proper installation and bracing. The top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of web members shall have bracing installed per BCSI sections 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, installation & 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 1604-Z for standard plate positions. A seal on this drawing or cover page listing this drawing, indicating the 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.tpiinst.org; WTCA: www.abcindustry.com; ICC: www.iccsafe.org



Top chord 2x4 SP #2 12A : T3 2x4 SP #1 Dense 12A:

Bot chord 2x6 SP_#1_Dense_12A

Webs 2x4 SP_#2_12A

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

120 mph wind, 16.67 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

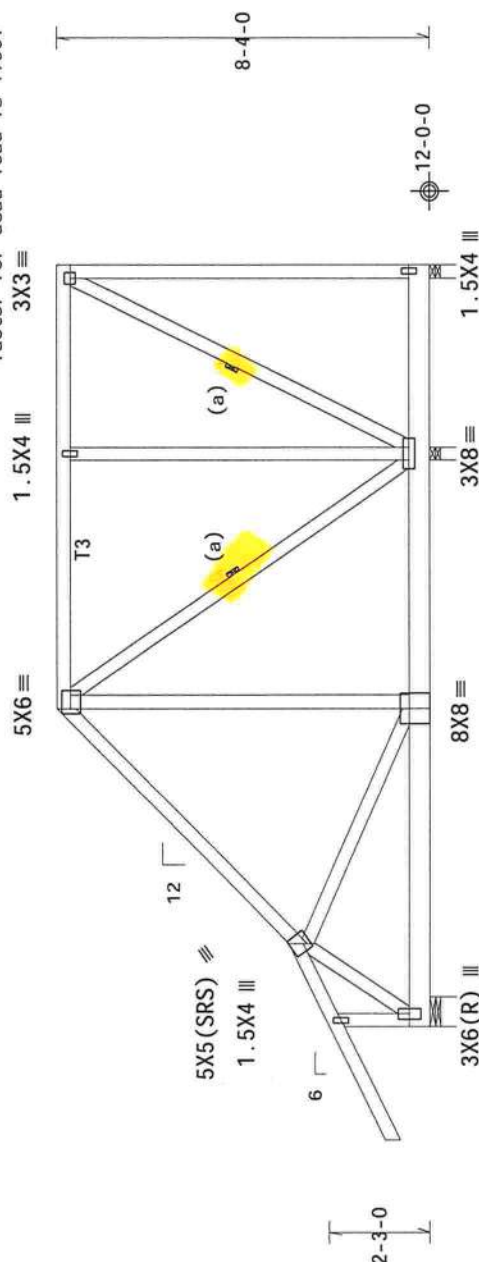
Wind loads and reactions based on MWFRS.

End verticals not exposed to wind pressure.

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

(a) Continuous lateral bracing equally spaced on member.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



R=228 U=0 W=3.5"

16-9-6 Over 3 Supports

R=1067 U=143 W=8"

R=1913 U=50

PLT TYP. Wave

Design Crit.: FRC2010Res/TPI-2007(STB)

ITY

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

Scale = .25"/Ft.

TC LL	20.0	PSF	REF R9114- 87193
TC DL	10.0	PSF	DATE 12/19/12
BC DL	10.0	PSF	DRW HCUSR9114 12354216
BC LL	0.0	PSF	HC-ENG SSB/WPF
TOT.LD.	40.0	PSF	SEQN- 286020
DUR.FAC.	1.25		FROM SDY
SPACING	24.0"		JREF- 1US59114Z05

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

[illegible][illegible]

ALPINE

TW Building Components Group Inc.

Haines City, FL 33814

nes City, FL 33844
FL COA #0 278

12/19/2012



120 mph wind, 15.67 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 BC DL=5.0 psf. $GCPI(+/-)=0.18$

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

(H1) = (J) Hanger not calculated (1)2x8 SP_#1_Dense_12A supporting member.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

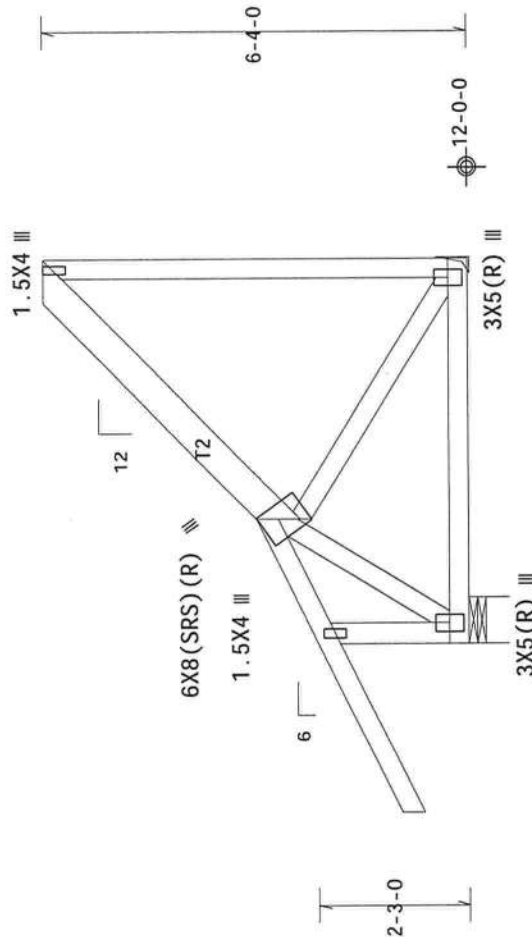


Diagram showing the layout of the bridge deck with dimensions: 2-6-0, 1-10-0, 3-10-0, and 5-8-0 Over 2 Supports.

R=445 U=0 W=8"
R=206 U=41
RI=90/-49

Design Crit: $\text{FBC2010Res}/\text{TPI}-2007(\text{STD FT}/\text{RT}=20\%(0\%))/10(0)$

PLT_TYP: Wave

Scale = .375"/Ft.

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET!
 PLEASE READ THESE INSTRUCTIONS CAREFULLY BEFORE INSTALLING THE UNIT.
 IF YOU DO NOT FOLLOW THESE INSTRUCTIONS, THE WARRANTY WILL BE VOID.

[illegible]

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any direction from this drawing. The user of this drawing shall be responsible for any failure to build to code. ITWBCG shall not be responsible for any failure to follow the installation and application instructions. Apply plates to each face and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the building designer. Please contact ITWBCG for more information. This job is for ITWBCG: Building Division, Dept. 171, www.itw.com, ITWBCG, www.saciindustry.com, ITWBCG, www.usaifa.org

ALPINE

TW Building Components Group Inc.

Haines City, FL 33844

FL COA #0 278



12/19/2012

PACING	24 0"	JREF- 1US59114Z05
--------	-------	-------------------

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - R1110)

Top chord 2x4 SP #2_12A
Bot chord 2x4 SP #2_12A
Webs 2x4 SP #2_12A

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

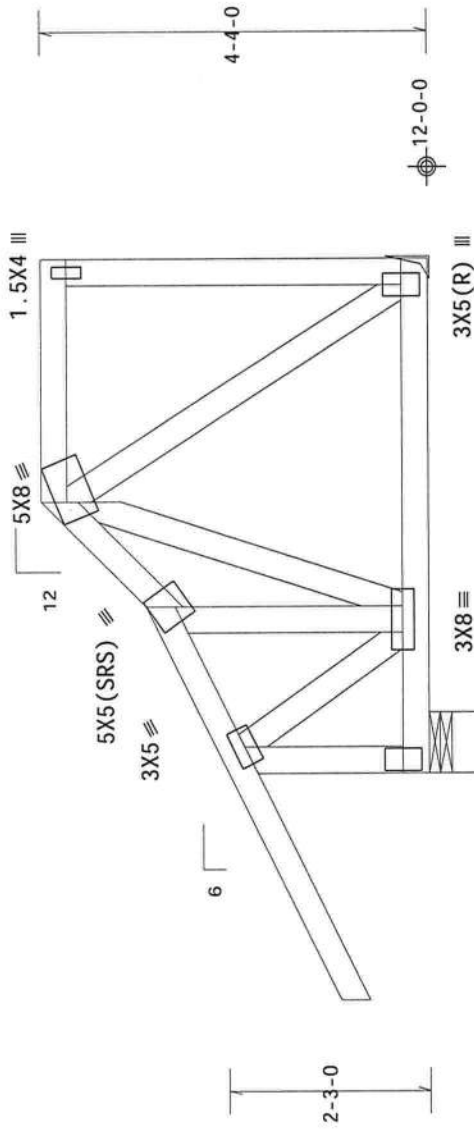
End verticals not exposed to wind pressure.

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

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

(H1) = (J) Hanger not calculated (1)2x8 SP #1_Dense_12A supporting member.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



2-6-0
1-10-0 1-2-0 2-8-0
5-8-0 Over 2 Supports
R=441 U=0 W=8"
RL=53/-34

PLT TYP. Wave

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

Scale = .5"/Ft.

TC LL	20.0 PSF	REF	R9114- 87195
TC DL	10.0 PSF	DATE	12/19/12
BC DL	10.0 PSF	DRW	HCUSR9114 12354191
BC LL	0.0 PSF	HC-ENG	SSB/WPF
TOT.LD.	40.0 PSF	SEQN-	285539
DUR.FAC.	1.25	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05

****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 WTCA) practices prior to performing these functions. Installers shall provide temporary bracing and bracing 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 for any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation, bracing of trusses. Apply places each place of use. For more information, visit www.itwbcg.com.
This drawing is the property of ITW Building Components Group Inc. It is to be used for the project and location shown on the drawing or cover page listing this drawing. Indicates acceptance of professional engineering 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/TPI 1 Sec. 2. For more information see: This job's general notes page; ITW-BCG; www.itwbcg.com; TPI: www.tpiinst.org; WTCA: www.sdcindustry.com; ICC: www.iccsafe.org



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

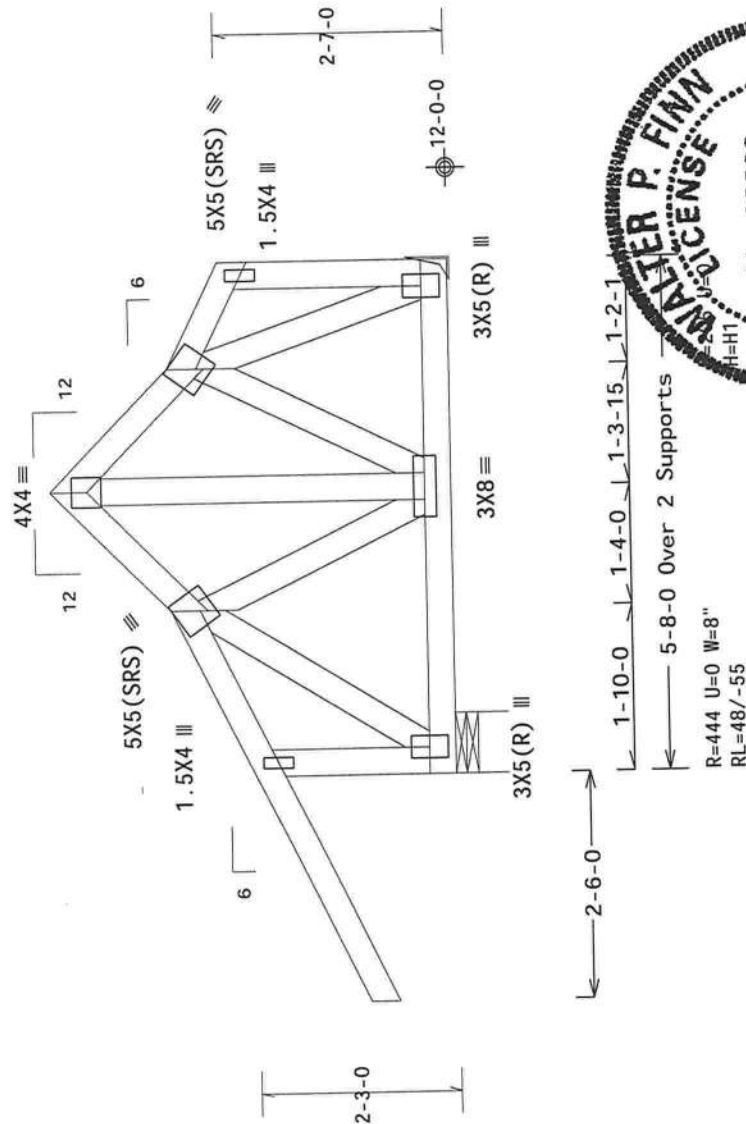
Parcel Residence -- lot 1 Hills Of Windsor , ** - R111)

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.

(H1) = (J) Hanger not calculated (1)2x8 SP_#1_Dense_12A supporting member.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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

Scale = .5"/Ft.

TC LL	20.0	PSF	REF	R9114- 87196
TC DL	10.0	PSF	DATE	12/19/12
BC DL	10.0	PSF	DRW	HCUSR9114 12354192
BC LL	0.0	PSF	HC-ENG	SSB/WP/
TOT. LD.	40.0	PSF	SEQN-	285540
DUR. FAC.	1.25		FROM	SDY
SPACING	24.0"		JREF-	1US59114Z05

PLT TYP. Wave

••WARNING•• READ AND FOLLOW ALL NOTES ON THIS SHEET
SECTION 20 ALL CONTRACTORS INCLUDING INSTALLERS.

IMPORTANT FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

IMPORTANT require extreme care in fabricating, handling, shipping, installing and tracing. For details of proper installation, refer to the latest edition of BESI (Building Component Safety Information, by TPI and WCA) for the following practices prior to performing these functions. Installers shall provide temporary bracing and lateral restraint of the chord otherwise, top chord shall have properly attached structural bracing and lateral restraint of the chord. The chord shall have a properly attached rigid collar. Locations are not applicable.

[illegible]

12/19/2012

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

	Top chord	2x4	SP_#2_12A
Bot chord	2x8	SP_#1_Dense_12A	
Webbs	2x4	SP_#2_12A	

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

120 mph wind, 16.00 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.

(H1) = (J) Hanger not calculated (1)2x6 SP_#1_Dense_12A supporting member.

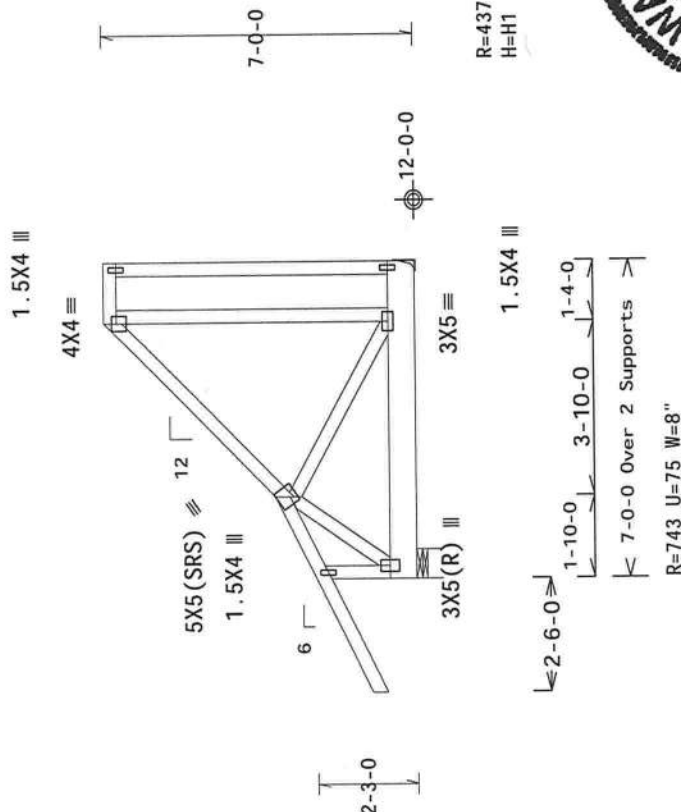
Special loads

Species	Load (Lumber)	Dur. Fac.=1.25 /	Plate Dur. Fac.=1.25)
TC-From	62 plf at -2.50 to	62 plf at	1.83
TC-From	34 plf at 1.83 to	34 plf at	5.67
TC-From	62 plf at 5.67 to	62 plf at	7.00
BC-From	4 plf at -2.50 to	4 plf at	0.00
BC-From	10 plf at 0.00 to	10 plf at	7.00
BC-205.30	1b Conc. Load at	1.06	
BC-199.45	1b Conc. Load at	3.06	
BC-206.33	1b Conc. Load at	5.06	

End verticals not exposed to wind pressure.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



PLT TYP. Wave

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

****WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET!**
 MATERIALS SHALL BE SUPPLIED TO ALL CONTRACTORS INCLUDING INSTALLERS

[illegible][illegible]

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



FL/-/5/-/-/R/-		Scale = .25"/Ft.
TTC LL	20.0 PSF	REF R9114- 87197
TC DL	10.0 PSF	DATE 12/19/12
BC DL	10.0 PSF	DRW HCURSR9114 12354193
BC LL	0.0 PSF	HC-ENG SSB/WPF
TOT. LD.	40.0 PSF	SEQN- 285635
DUR. FAC.	1.25	FROM SDY
SPACING	24.0"	JREF- 1US9114Z05

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - R113)

Top chord 2x4 SP #2_12A
Bot chord 2x4 SP #2_12A
Webs 2x4 SP #2_12A
:Rt Bearing Leg 2x4 SP #2_12A:
120 mph wind, 17.61 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.

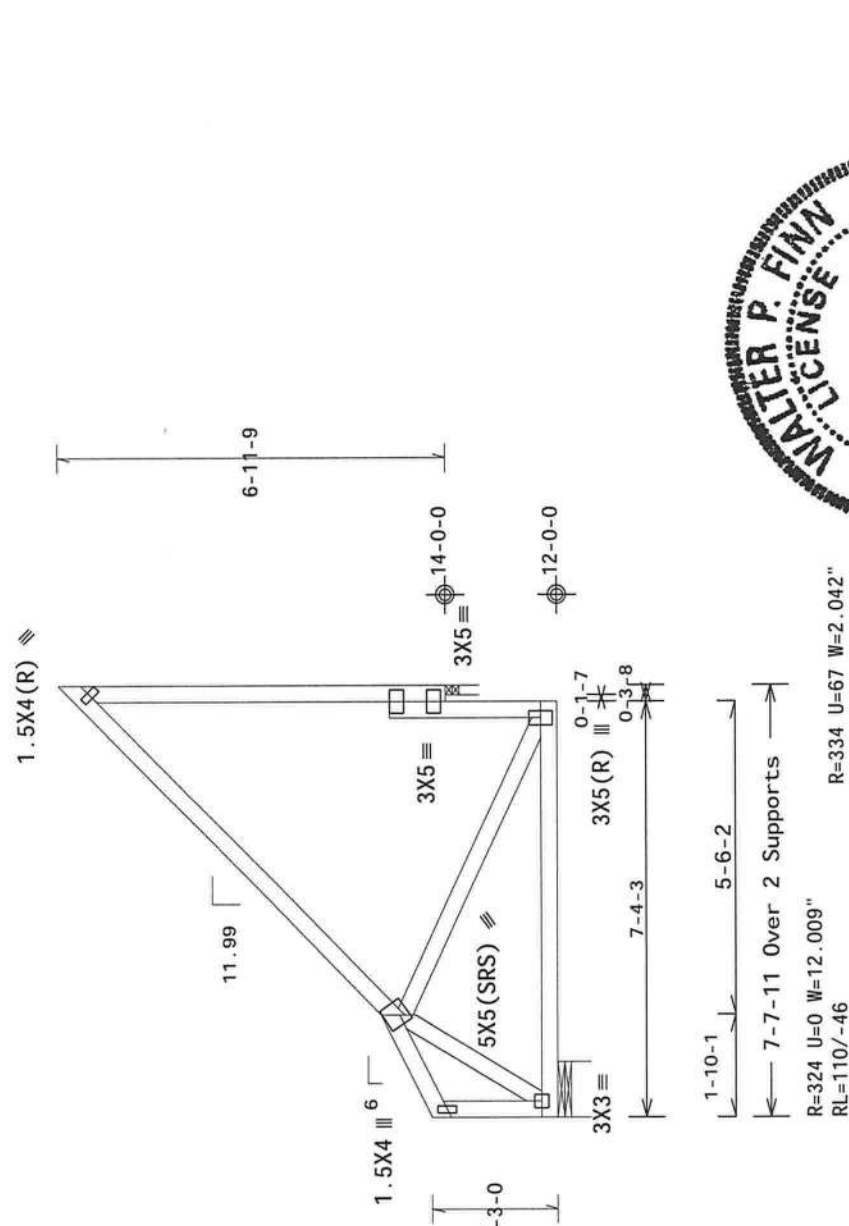
Bottom chord checked for 10.00 psf non-concurrent live load.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

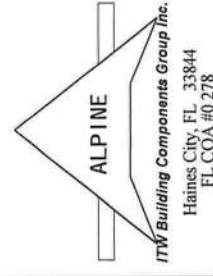
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

Left end vertical not exposed to wind pressure.

MWFRS loads based on trusses located at least 8.80 ft. from roof edge.



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 TPI and WTCA) for practices prior to performing these functions. Installers shall provide temporary bracing per details shown on this drawing. Trusses shall be 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 B1, 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 accordance with the design shown on this drawing. 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; WTCA: www.sdcindustry.com; ICC: www.iccsafe.org

FL/-/5/-/-/R/-		Scale = .3125"/Ft.	
TC LL	20.0 PSF	REF	R9114- 87198
TC DL	10.0 PSF	DATE	12/19/12
BC DL	10.0 PSF	DRW	HCUSR9114 12354194
BC LL	0.0 PSF	HC-ENG	SSB/WPF
TOT.LD.	40.0 PSF	SEQN-	285541
DUR.FAC.	1.25	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - R114 2-PLY)

Top chord 2x4 SP #2_12A :T2 2x6 SP_#1_Dense_12A:
Bot chord 2x8 SP_#1_Dense_12A
Webs 2x4 SP_#2_12A

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

Special loads

-----Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25
TC- From 62 plf at -2.51 to 62 plf at 1.85
TC- From 68 plf at 1.85 to 68 plf at 10.74
BC- From 4 plf at -2.51 to 4 plf at 0.00
BC- From 20 plf at 0.00 to 20 plf at 10.25
BC- From 26 plf at 10.25 to 26 plf at 10.74
BC- 4464.70 lb Conc. Load at 8.00

Wind loads and reactions based on MWFRS.

End verticals not exposed to wind pressure.

(a) Continuous lateral bracing equally spaced on member.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

2 COMPLETE TRUSSES REQUIRED

Nail Schedule: 0.128"x3", min. nails

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

Bot Chord: 1 Row @ 3.50" o.c.

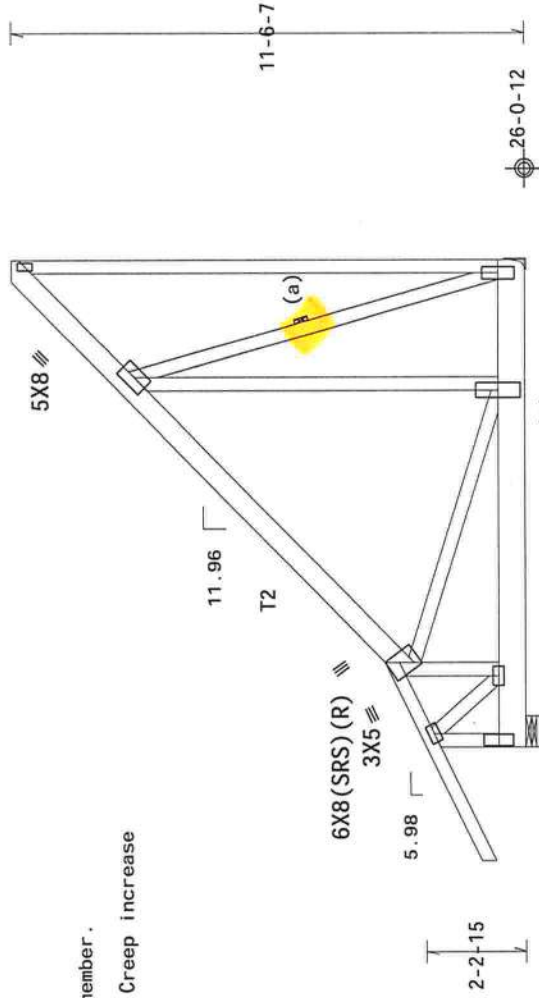
Webs : 1 Row @ 4" o.c.

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

(1) 1/2" bolts MAY BE USED FOR (2) 0.128"x3", min. nails ON THE BOTTOM CHORD ONLY.

120 mph wind, 32.33 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

2X4 III



R=3780 U=890
H=H1

6X8(SRS)(R) III
3X5 III
5.98
2-2-15
4X12(R) III
4464#
H0308(R) III
R=1791 U=428 W=8.025"
3X8 III
3X5 III
1-10-3
10'-6-14 Over 2 Supports
11-6-7
26-0-12



PLT TYP. 20 Gauge HS.Wave

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

Scale = .25"/Ft.

TC LL	20.0 PSF	REF	R9114- 87199
TC DL	10.0 PSF	DATE	12/19/12
BC DL	10.0 PSF	DRW	HCUSR9114 12354269
BC LL	0.0 PSF	HC-ENG	SSB/WPF
TOT.LD.	40.0 PSF	SEQN-	285702
DUR.FAC.	1.25	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05

ALPINE

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

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET.
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
****IMPORTANT**** Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) 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 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 or bracing. Details shall be installed as shown. Refer to drawings 160A-2 for standard plate positions. A seal on this drawing or cover page listing this drawing. Indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: general notes page. ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; WTCA: www.alcindustry.com; ICC: www.iccsafe.org

2 COMPLETE TRUSSES REQUIRED

Nail Schedule: 0.128"x3", min. nails
Top Chord: 1 Row @ 12.00" o.c.
Bot Chord: 1 Row @ 4.25" o.c.
Webs : 1 Row @ 4" o.c.

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

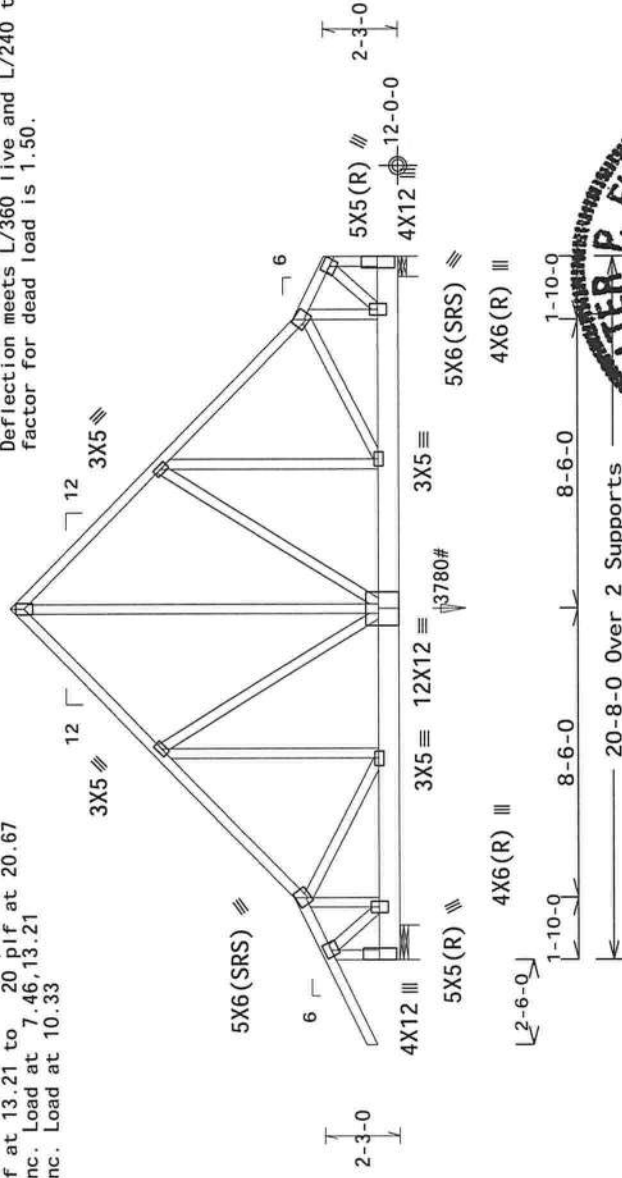
(1) 1/2" bolts MAY BE USED FOR (2) 0.128"x3", min. nails ON THE BOTTOM CHORD ONLY.

120 mph wind, 18.33 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:

End verticals not exposed to wind pressure.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



R=4530 H=1402 W=11 998"

PLT TYP. Wave

Design Crit: FBC2010Res/TPI-2007(STB)

FL/-/5/-/-/R/-
Scale = .1875"/Ft.

TC LL	20.0	PSF	REF	R9114-	87200
TC DL	10.0	PSF	DATE	12/19/12	
BC DL	10.0	PSF	DRW	HCUSR9114	123542707
BC LL	0.0	PSF	HC-ENG	SSB/WPFF	
TOT.LD.	40.0	PSF	SEQN-	285704	
DUR.FAC.	1.25		FROM	SDY	
SPACING	24.0"		JREF-	1US59114Z05	

****WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET!**
FURNISH EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING
TRUSSES TO PREVENT DAMAGE TO THE TRUSSES. THE FOLLOWING ARE THE MINIMUM
PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. INSTALLERS SHALL PROVIDE TEMPORARY BRACING FOR ALL
TRUSSES UNLESS OTHERWISE SPECIFIED. CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL SHEATHING AND BOTTOM
CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. LOCATIONS SHOWN FOR PERMANENT LATERAL RESTRAINT OF
CHORD SHALL HAVE INSTALLED PER AISI/TCG sections B3, B7 OR B10, as applicable.

****IMPORTANT****
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 AISI/TPI 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 Joint
Details, unless noted otherwise. Refer to drawings 100A-2 for standard plate positions. A seal on this
drawing is required for the design engineer. The suitability and use of this design for any structure is
the responsibility of the Building Designer per AISI/TPI 1 Sec.2. For more information see: This Job's
GENERAL NOTES page. ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; WTCA: www.sbcindustry.com;
ICC: www.iccsafe.org

ALPINE

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

(120912--Anderson Truss Co. --Patel Residence -- Lot 1 Hills Of Windsor , ** - R1116)

Top chord 2x4 SP #2_12A
Bot chord 2x4 SP #2_12A
Webs 2x4 SP #2_12A

120 mph wind, 18.33 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

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

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

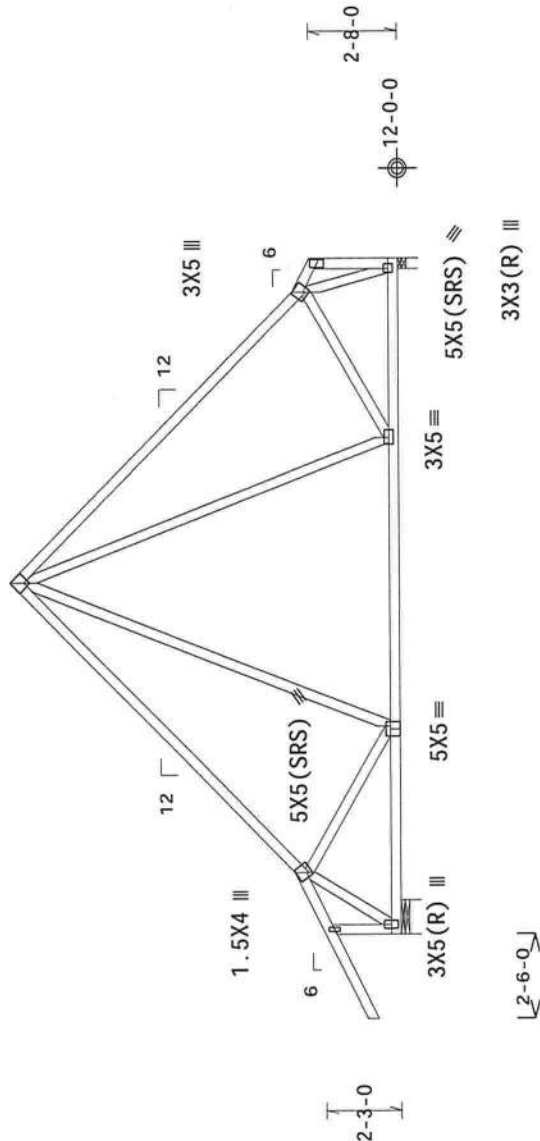
End verticals not exposed to wind pressure.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

MWFRS loads based on trusses located at least 9.17 ft. from roof edge.

5X5(R1) ≡



R=1043 U=0 W=12"

RL=186/-192

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

PLT TYP. Wave

FL/-/5/-/-/R/- Scale =.1875"/Ft.

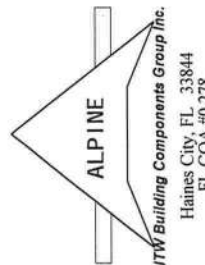
TC LL	20.0 PSF	REF	R9114- 87201
TC DL	10.0 PSF	DATE	12/19/12
BC DL	10.0 PSF	DRW	HCUSR9114 12354238
BC LL	0.0 PSF	HC-ENG	SSB/WPF
TOT.LD.	40.0 PSF	SEQN-	285542
DUR.FAC.	1.25	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05

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. Buyer must follow the latest edition of BCS (Building Components Systems) for details and bracing. Buyer must provide temporary bracing and bottom chord bracing. Buyer must provide temporary bracing and bottom chord bracing. Buyer must provide temporary bracing and bottom chord bracing.

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, installation & 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 1604-2 for standard plate positioning and seal on this drawing or cover page for details. 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; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org



(120912--Anderson Truss Co. --Patel Residence -- Lot 1 Hills Of Windsor , ** - R117)

Top chord 2x4 SP #2_12A
Bot chord 2x4 SP #1_Dense_12A
Webs 2x4 SP #2_12A

120 mph wind, 18.55 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

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

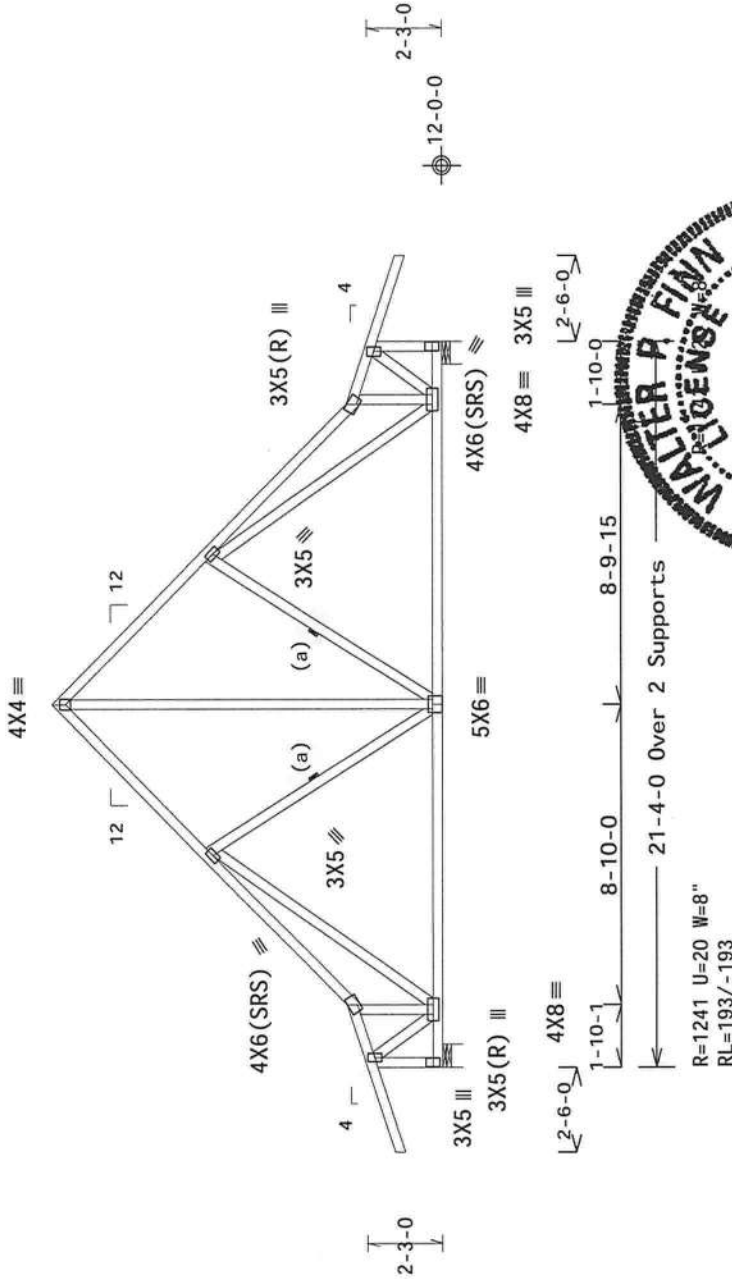
Wind loads and reactions based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

(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/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



PLT TYP. Wave

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

Scale = .1875"/Ft.

TC LL	20.0 PSF	REF	R9114- 87202
TC DL	10.0 PSF	DATE	12/19/12
BC DL	10.0 PSF	DRW	HCUSR9114 12354117
BC LL	0.0 PSF	HC-ENG	SSB/WPF
TOT.LD.	40.0 PSF	SEQN-	285543
DUR.FAC.	1.25	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET.
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and WCA) practices prior to performing these functions. Installers shall provide temporary bracing per the notes on 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 of the truss 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, installation or bracing of trusses. Apply plates to each face of truss members at all joints and end connections. Use a minimum of 2 plates per joint. A detail on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: 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

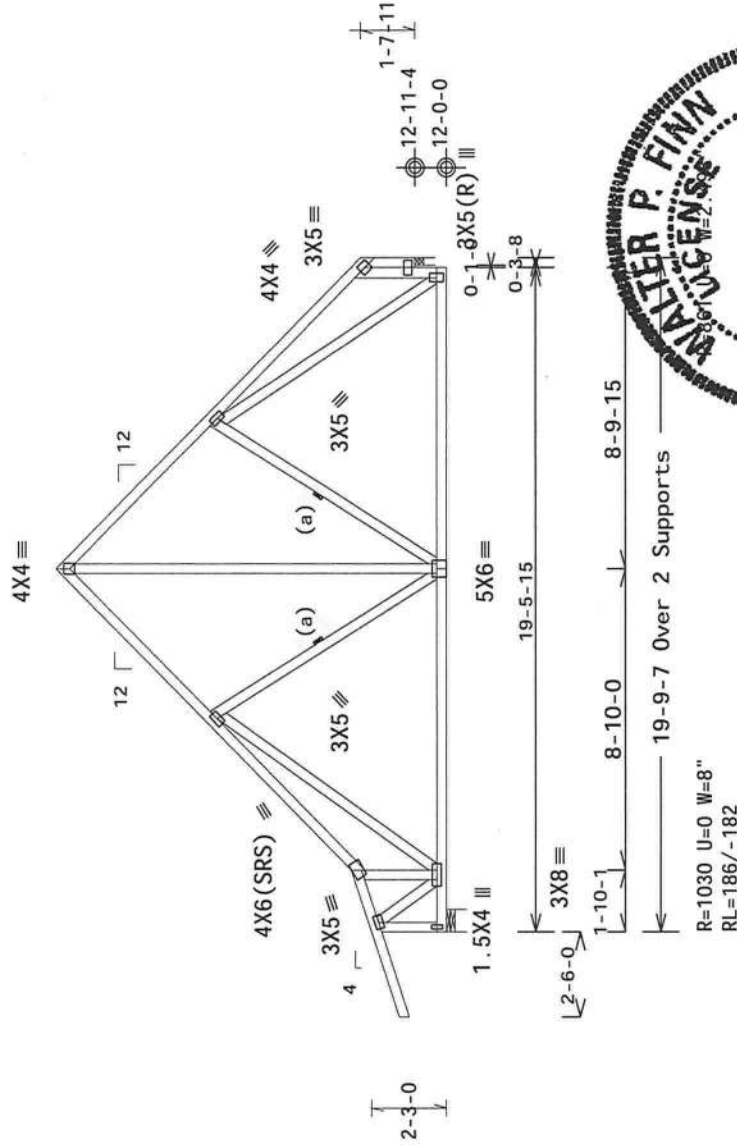
120 mph wind, 18.55 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi (+/-)=0.18

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

(a) Continuous lateral bracing equally spaced on member.

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

MWFRS loads based on trusses located at least 9.28 ft. from roof edge.



PLT TYP. Wave

Design Crit: FBC2010Res/TPI-2007(STA
ET/RT=20%(0%)/10(0)FL/-/5/-/-/R/-
Scale = .1875"/Ft.

TC LL	20.0	PSF	REF	R9114- 87203
TC DL	10.0	PSF	DATE	12/19/12
BC DL	10.0	PSF	DRW	HCUSR9114 12354118
BC LL	0.0	PSF	HC-ENG	SSB/WPFF
TOT.LD.	40.0	PSF	SEQN-	285544
DUR.FAC.	1.25		FROM	SDY
SPACING	24.0"		JREF-	1US59114Z05

STATE OF FLORIDA
PROFESSIONAL ENGINEER
No. 12199
12/19/2012

ALPINE

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

(120912--Anderson Truss Co. --Patel Residence -- Lot 1 Hills Of Windsor , ** - R1119)

120 mph wind, 18.55 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, GCpl(+/-)=0.18

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

(a) Continuous lateral bracing equally spaced on member.

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

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

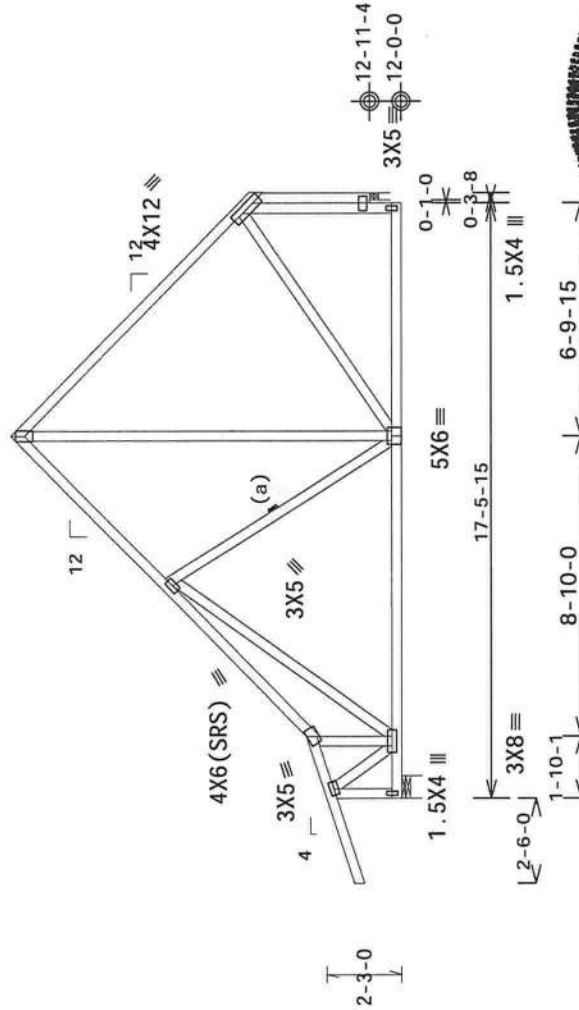
Left end vertical not exposed to wind pressure.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

Rt Bearing Leg 2x4 SP_#2_12A:

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

4X6(R) III



R=943 U=13 W=8"

RL=171/-158

R=

PLT TYP. Wave

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

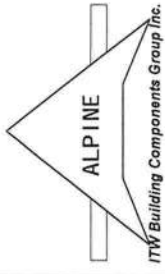
FL/-/5/-/-/R/- Scale = .1875"/Ft.

TC LL	20.0 PSF	REF	R9114- 87204
TC DL	10.0 PSF	DATE	12/19/12
BC DL	10.0 PSF	DRW	HCU9R9114 12354119
BC LL	0.0 PSF	HC-ENG	SSB/WPF
TOT.LD.	40.0 PSF	SEQN-	285545
DUR.FAC.	1.25	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05

IMPORTANT READ AND FOLLOW ALL NOTES ON THIS SHEET.

FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for practices prior to performing these functions. Installers shall provide temporary bracing and bottom chord bracing. 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 or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses. Apply plates to each face of truss and position as shown above and on the Joint. Drawing on this note shall not be used to fabricate or install trusses without the seal on this drawing. Under no circumstances shall the use of this drawing indicate 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; WTCA: www.alcindustry.com; ICC: www.iccsafe.org



Haines City, FL 33844
FL COA #0278