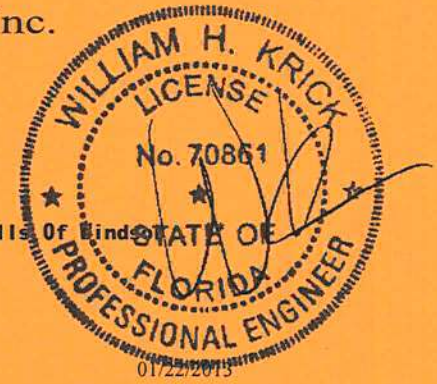


ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
 Florida Engineering Certificate of Authorization Number: 0 278
 Florida Certificate of Product Approval # FL1999
 Page 1 of 1 Document ID: IUT39114Z0322132240



Truss Fabricator: **Anderson Truss Company**
 Job Identification: **120912F--Anderson Truss Co. Patel Residence -- Lot 1 Hills Of Wind**
 Truss Count: **84**
 Model Code: **Florida Building Code 2010**
 Truss Criteria: **FBC2010Res/TPI-2007(STD)**
 Engineering Software: **Alpine Software, Version 10.03.**
 Structural Engineer of Record: **The identity of the structural EOR did not exist as of**
 Address: **the seal date per section 61615-31.003(5a) of the FAC**
 Minimum Design Loads: **Roof - N/A**
Floor - 55.0 PSF @ 1.00 Duration
Wind - No Wind

Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR9114

William H. Krick
 -Truss Design Engineer-

1950 Marley Drive
 Haines City, FL 33844

Details: STRBRIBR-CNSY42PL-

#	Ref	Description	Drawing#	Date
1	81482--F1		13022168	01/22/13
2	81483--F2		13022169	01/22/13
3	81484--F3		13022170	01/22/13
4	81485--F4		13022171	01/22/13
5	81486--F5		13022172	01/22/13
6	81487--F6		13022173	01/22/13
7	81488--F7		13022174	01/22/13
8	81489--F8		13022175	01/22/13
9	81490--F9		13021261	01/21/13
10	81491--F10 2-PLY		13021259	01/21/13
11	81492--F11		13021260	01/21/13
12	81493--F12		13022176	01/22/13
13	81494--F13		13022177	01/22/13
14	81495--F14		13022178	01/22/13
15	81496--F15		13022179	01/22/13
16	81497--F16		13022180	01/22/13
17	81498--F17		13022181	01/22/13
18	81499--F18		13022182	01/22/13
19	81500--F19		13022183	01/22/13
20	81501--F20		13022184	01/22/13
21	81502--F20A		13022185	01/22/13
22	81503--F21		13021236	01/21/13
23	81504--F22		13022186	01/22/13
24	81505--F23		13022187	01/22/13
25	81506--F26		13022188	01/22/13
26	81507--F27		13021238	01/21/13
27	81508--F28		13022189	01/22/13
28	81509--F29		13021237	01/21/13
29	81510--F30		13022190	01/22/13
30	81511--F31		13022191	01/22/13
31	81512--F32		13022192	01/22/13
32	81513--F33		13022193	01/22/13
33	81514--F34		13022194	01/22/13
34	81515--F35		13022195	01/22/13
35	81516--F36		13022196	01/22/13
36	81517--F37		13022197	01/22/13
37	81518--F38		13022198	01/22/13
38	81519--F39		13022199	01/22/13

#	Ref	Description	Drawing#	Date
39	81520--F40		13022200	01/22/13
40	81521--F41		13022201	01/22/13
41	81522--F42		13022202	01/22/13
42	81523--F43		13022203	01/22/13
43	81524--F44		13022204	01/22/13
44	81525--F45		13021239	01/21/13
45	81526--F46		13021246	01/21/13
46	81527--F47		13021244	01/21/13
47	81528--F48		13021241	01/21/13
48	81529--F49		13021243	01/21/13
49	81530--F50		13021240	01/21/13
50	81531--F51		13021242	01/21/13
51	81532--F52		13021247	01/21/13
52	81533--F53		13021258	01/21/13
53	81534--F54		13021248	01/21/13
54	81535--F55		13021245	01/21/13
55	81536--F56		13021226	01/21/13
56	81537--F57		13022205	01/22/13
57	81538--F58		13022206	01/22/13
58	81539--F59		13022207	01/22/13
59	81540--F60		13022208	01/22/13
60	81541--F61		13022209	01/22/13
61	81542--F62		13021249	01/21/13
62	81543--F63		13021250	01/21/13
63	81544--F64		13021251	01/21/13
64	81545--F65		13021252	01/21/13
65	81546--F66		13021253	01/21/13
66	81547--F67		13021254	01/21/13
67	81548--F68		13021255	01/21/13
68	81549--F69		13021256	01/21/13
69	81550--F70		13021257	01/21/13
70	81551--F71		13021224	01/21/13
71	81552--F72		13022210	01/22/13
72	81553--F73		13021221	01/21/13
73	81554--F89		13021225	01/21/13
74	81555--F90		13021223	01/21/13
75	81556--F91		13021222	01/21/13
76	81557--F92		13021227	01/21/13

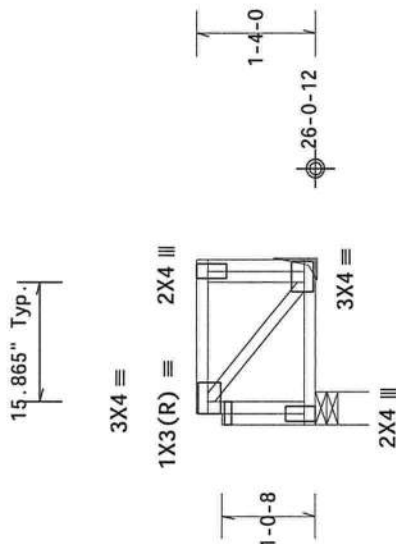
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78	81559--F94		13021229	01/21/13
79	81560--F95		13021230	01/21/13
80	81561--F96		13021231	01/21/13
81	81562--F97		13021232	01/21/13
82	81563--F98		13021233	01/21/13
83	81564--F99		13021234	01/21/13
84	81565--F100		13021235	01/21/13



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.

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



1-9-14 Over 2 Supports

R=86 W=4.325"
R=102
H=H1

PLT TYP. Wave

Design Crit: FBC2010Res/TPI-2007(STB)
FT/RT=12%(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 WCA) for more information. Trusses should have properly attached structural sheathing and bottom chords. Top 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. (ITWBGC) shall not be responsible for any deviation from this drawing or specification due to any failure to build the truss in conformance with ANSI/TPI 1-07 for handling, shipping, installation & bracing details. ITWBGC shall not be responsible for any deviation from this drawing or specification due to any failure to follow the design drawings, specifications, and/or cover plate listing this drawing. Indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Professional Engineer/Designer per ANSI/TPI 1 Sec.2. For more information call: This Job's Designer/Engineer: John.Donohue@itwbc.com; Website: www.itwbc.com; Toll Free: 800-695-7262; Fax: 800-695-7263; Email: sales@itwbc.com

Scale = .5"/Ft.

TC LL	40.0	PSF	REF	R9114- 81482
TC DL	10.0	PSF	DATE	01/22/13
BC DL	5.0	PSF	DRW	HCUSR9114 13022168
BC LL	0.0	PSF	HC-ENG	WHK/WHK
TOT.LD.	55.0	PSF	SEQN-	97174
DUR.FAC.	1.00		FROM	SDY
SPACING	24.0"		JREF-	1UT39114Z03

01/22/2013

Top chord	4x2	SP_#1_12A
Bot chord	4x2	SP_#1_12A
Webbs	4x2	SP_#3_12A

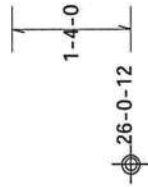
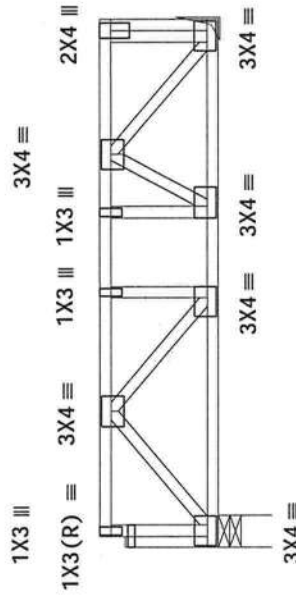
Deflection meets L/360 live and L/240 total load, Creep increase factor for dead load is 1.50.

Truss must be installed as shown with top chord up.

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



15" Typ. 1



5-9-14 Over 2 Supports

R=307 W=4.325"

R=321

PLT TYP.: Wave

Design Crit: $\text{FBC2010Res}/\text{TPI}-2007(\text{ST})$
 $\text{FT}/\text{RT}=12\%(0\%)/10(0)$

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

Contractors are advised to read the following information carefully. Contractors require extra care in fabricating, handling, shipping, installing and bracing. Refer to the following information for details. For more information, contact the manufacturer. For the latest edition of BCSI (Building Component Safety Information, by TPI and WICA) contact the Building Component Safety Institute, 10000 W. 16th Avenue, Suite 100, Golden, CO 80401. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached roof ceiling. Locations shown for permanent lateral restraint of 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 drawing. ITWBCG shall not be responsible for 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 T60A-Z for standard plate positions. A seal on this drawing or cover page limiting this design 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. This job is for information only. This job # is:

GENERAL NOTES: TPI: www.tpi.net; ITW-BDG: www.itwbuilding.com; WICA: www.abcindustry.com; www.1scsafety.org



FL/-/5/-/-/R/-	Scale = .5"/Ft.
TC LL 40.0 PSF	REF R9114- 81483
TC DL 10.0 PSF	DATE 01/22/13
BC DL 5.0 PSF	DRW HCUSR9114 13022169
BC LL 0.0 PSF	HC-ENG WHK/WHK
TOT.LD. 55.0 PSF	SEQN- 97175
DUR.FAC. 1.00	FROM SDY
SPACING 24.0"	JREF- 1UT39114Z03

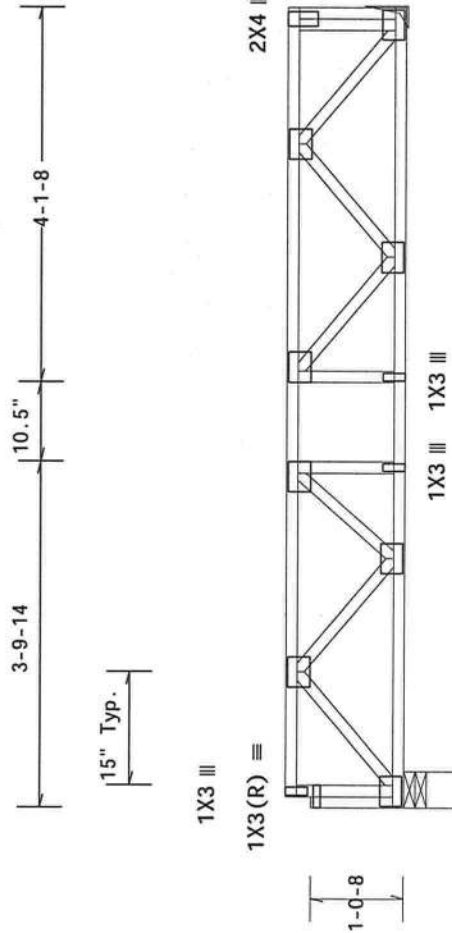
(120912F--Anderson Truss Co. Patel Residence -- Lot 1 Hills Of Windsor, ** - F3)

Top chord 4x2 SP #1_12A
Bot chord 4x2 SP #1_12A
Webs 4x2 SP #3_12A

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.

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



8-9-14 Over 2 Supports
R=472 W=4.875"

Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2010Res/TPI-2007(ST2)
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. Read and follow the latest edition of BCSS (Building Component Safety System) for details on 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 BCSS 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 Bracing of trusses. Trusses shall be installed in accordance with the standard plate positions. Drawing or cover page listing this drawing, indicates acceptance 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.tpinet.org; WCA: www.sbcindustry.com; ICC: www.iccsafe.org

TC LL	40.0 PSF	REF	R9114- 81484
TC DL	10.0 PSF	DATE	01/22/13
BC DL	5.0 PSF	DRW	HCUSR9114 13022170
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	55.0 PSF	SEQN-	97176
DUR.FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1UT39114Z03



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

Top chord	4x2	SP_#1_12A
Bot chord	4x2	SP_#1_12A
Webbs	4x2	SP_#3_12A

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

Truss must be installed as shown with top chord up.



Shown.

Design Crit: FBC2010Res/TPI-2007(ST

PLT TYP. Wave

Design CR: FBZOTURES/1
FT/RT=12%(C

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

Tunnels require extreme care in fabricating, handling, shipping, installing and bracing. Rortoft and his colleagues follow the following steps:

1. Obtain complete design information, by TPI and WICA, from the tunneling contractor.
2. Obtain complete information on the tunneling practices prior to performing these functions.
3. Obtain complete information on the tunneling practices noted otherwise.
4. Obtain complete information on the tunneling practices noted otherwise, top chord shall have a properly attached structural sheathing and bottom chord shall have a properly attached structural sheathing and bottom chord shall have bracing installed per BGCS sections B3, B7 or B10, as applicable.

THE Building Components Group Inc. (TBCG) shall not be responsible for any deviation from this document or any other drawings or specifications supplied by others. The responsibility for obtaining all applicable codes and standards, and for interpreting them, rests solely with the user. It is recommended that the user obtain a copy of the current editions of the International Building Code, International Mechanical Code, International Plumbing Code, International Fire Code, and International Electrical Code, published by the International Conference of Building Officials, Inc., 100 North LaSalle Street, Chicago, IL 60601-3987. For more information see: This job's specification section, Division 05 - Metals, Section 05 10 00 - Steel Decking, Part 1 - Summary, Item 1.01 - Related Sections, and Division 05 - Metals, Section 05 10 00 - Steel Decking, Part 2 - Materials, Items 2.01 - Decking, 2.02 - Welding, and 2.03 - Fasteners. TBCG does not warrant the accuracy or completeness of the information contained herein. © 2004 TBCG. All rights reserved. TBCG may be contacted at: TBCG, P.O. Box 1000, St. Louis, MO 63108-1000; Tel.: 314-241-1000; Fax: 314-241-1001; E-mail: sales@tbcg.com; Web: www.tbcg.com.

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844
FL COA #0278

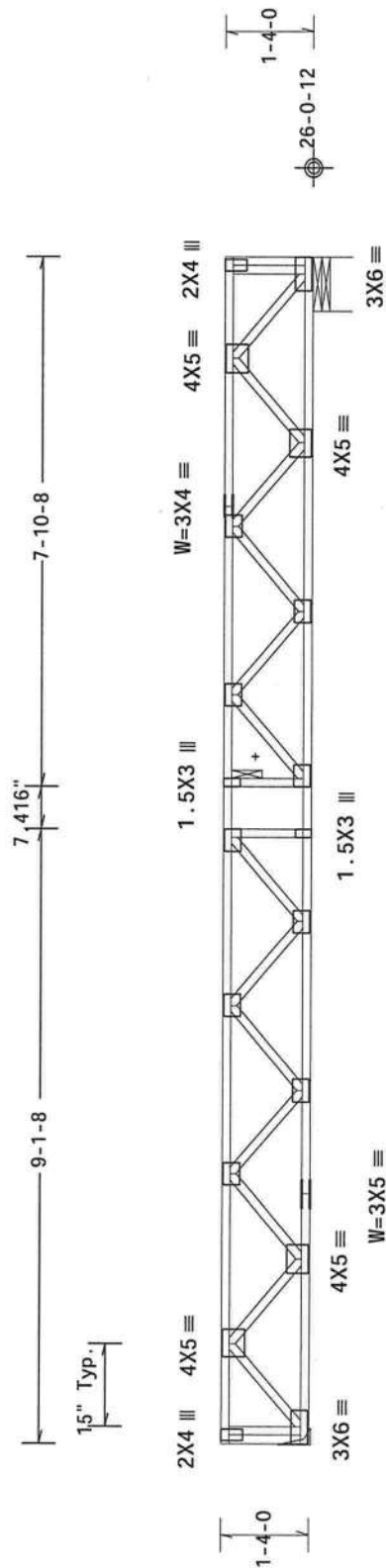
Scale - 375" / Ft+

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BC DL	5.0	PSF	DRW	HCUSR9114 13022172
BC LL	0.0	PSF	HC-ENG	WHK/WHK
TOT. LD.	55.0	PSF	SEQN-	97178
DUR. FAC.	1.00		FROM	SDY
SPACING	24.0"		JREF-	1UT39114Z03

Top chord 4x2 SP_#1_12A
Bot chord 4x2 SP_#1_12A
+ 2x6 continuous strongback. See detail STRBRIBR0211 for bracing and bridging recommendations.

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.



R-969

←—————→ 17-7-7 Over 2 Supports

ILLIAN H. KAPLAN
D-060 W-0 687"

Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP: Wave

Scale = .375"/Ft.

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844
FL COA #0 278

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

Trussess require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSP (Building Components) Specification for Trusses (BCTSP) and all applicable practices prior to performing these functions. Installers shall provide temporary bracing post-tensioning. 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 or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing, bracing of trusses. Apply plates to each face of truss and position as shown above and on the 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 and the responsibility of the Building Designer per ANSI/TPI 1 Sec. 2. For more information on the general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; WTCA: www.wtcaindustry.com; ICCES: www.icc-es.org

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TC DL	10.0	PSF	DATE	01/22/13
BC DL	5.0	PSF	DRW	HCUSR9114 13022173
BC LL	0.0	PSF	HC-ENG	WHK/WHK
TOT. LD.	55.0	PSF	SEQN-	97179
DUR. FAC.	1.00		FROM	SDY
SPACING	24.0"		JREF-	1UT39114Z03

Top chord 4x2 SP_#1_12A
Bot chord 4x2 SP_#1_12A
Webs 4x2 SP_#3_12A

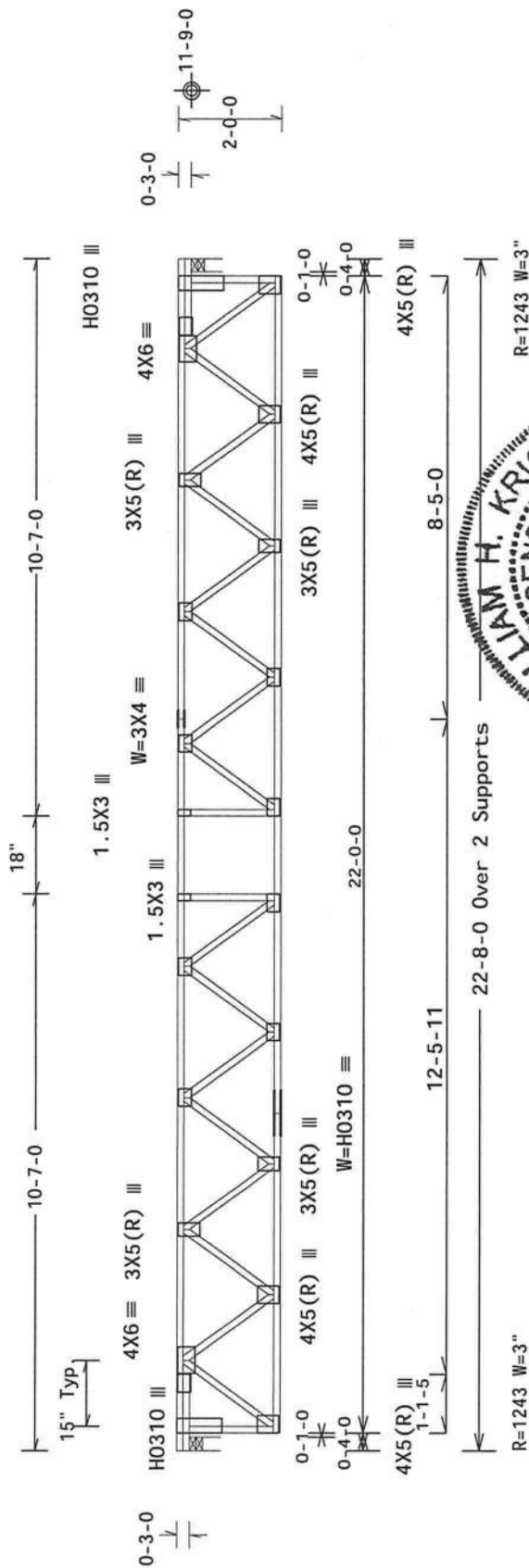
See detail STRBIBR0211 for bracing and bridging recommendations.

Max JT VERT DEFL: LL: 0.34" DL: 0.24" recommended camber 3/8"

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

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.



Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2010Res/TPI -2007(ST)

PLT TYP. 20 Gauge HS, Wave

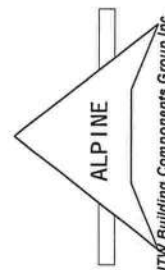
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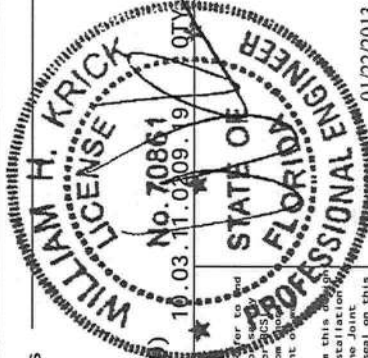
****WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.**

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. To avoid the latest edition of BCST (Building Component Safety Information, by TPI and WIGA) for more information on these practices prior to performing these functions. Installers shall provide temporary bracing per BCST (Building Component Safety Information, by TPI and WIGA) for all structural members. Trusses shall have a properly attached ridge ceiling. Trusses shall have bracing installed per BCST, B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (TWBCG) shall not be responsible for any deviation from this design or specification. ITW Building Components Group Inc. will not be responsible for any shipping, handling, packing, unloading, storage, installation, or other details, unless noted otherwise. Apply plates to each face of studs and position as shown on the joint drawings 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 notice page; www.itwbcg.com; www.tpi.com; www.primat.net; WTCA@www.abci-industries.com.



Haines City, FL 33844
 El COA #0278



TC LL	40.0	PSF	REF	R9114-	81488
TC DL	10.0	PSF	DATE	01/22/13	
BC DL	5.0	PSF	DRW	HCUSR9114	13022174
BC LL	0.0	PSF	HC-ENG	WHK/WHK	
TOT.LD.	55.0	PSF	SEQN-	97180	
DUR.FAC.	1.00		FROM	SDY	
SPACING	24.0"		JREE-	1UT39114	703

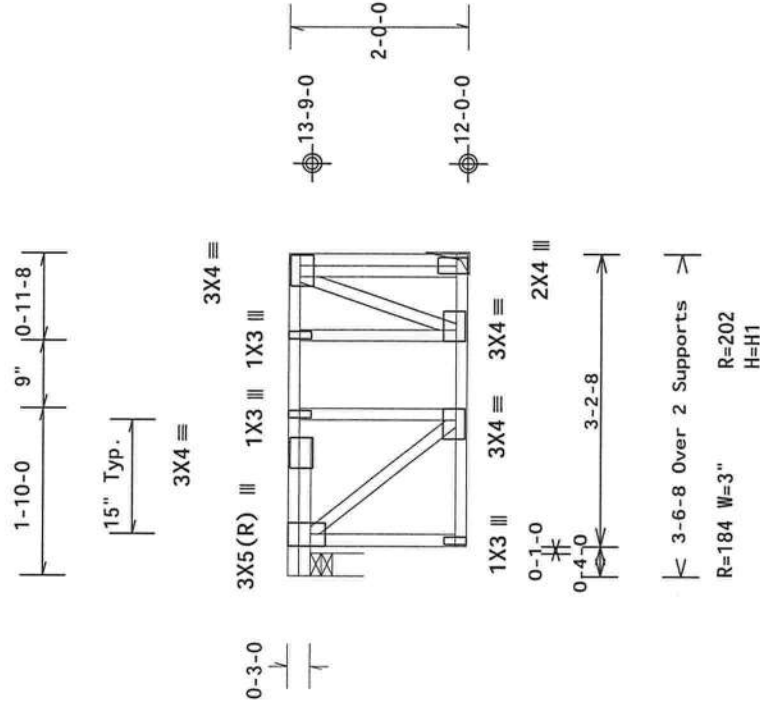
Top	chord	4x2	SP_#1_12A
Bot	chord	4x2	SP_#1_12A
	Webs	4x2	SP_#3_12A

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

(H1) = (J) Hanger not calculated (1)4x2 SP_#1_12A supporting member.

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.



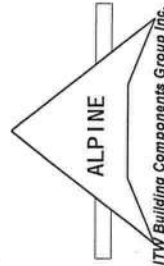
PLT TYP. Wave

Design Crit: FBC2010Res/TPI -2007 (STD)

Design of C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, AA, AB, AC, AD, AE, AF, AG, AH, AI, AJ, AK, AL, AM, AN, AO, AP, AQ, AR, AS, AT, AU, AV, AW, AX, AY, AZ, BA, BB, BC, BD, BE, BF, BG, BH, BI, BJ, BK, BL, BM, BN, BO, BP, BQ, BR, BS, BT, BU, BV, BW, BX, BY, BZ, CA, CB, CC, CD, CE, CF, CG, CH, CI, CJ, CK, CL, CM, CN, CO, CP, CQ, CR, CS, CT, CU, CV, CW, CX, CY, CZ, DA, DB, DC, DD, DE, DF, DG, DH, DI, DJ, DK, DL, DM, DN, DO, DP, DQ, DR, DS, DT, DU, DV, DW, DX, DY, DZ, EA, EB, EC, ED, EE, EF, EG, EH, EI, EJ, EK, EL, EM, EN, EO, EP, EQ, ER, ES, ET, EU, EV, EW, EX, EY, EZ, FA, FB, FC, FD, FE, FF, FG, FH, FI, FJ, FK, FL, FM, FN, FO, FP, FQ, FR, FS, FT, FU, FV, FW, FX, FY, FZ, GA, GB, GC, GD, GE, GF, GG, GH, GI, GJ, GK, GL, GM, GN, GO, GP, GQ, GR, GS, GT, GU, GV, GW, GX, GY, GZ, HA, HB, HC, HD, HE, HF, HG, HH, HI, HJ, HK, HL, HM, HN, HO, HP, HQ, HR, HS, HT, HU, HV, HW, HX, HY, HZ, IA, IB, IC, ID, IE, IF, IG, IH, II, IJ, IK, IL, IM, IN, IO, IP, IQ, IR, IS, IT, IU, IV, IW, IX, IY, IZ, JA, JB, JC, JD, JE, JF, JG, JH, JI, JJ, JK, JL, JM, JN, JO, JP, JQ, JR, JS, JT, JU, JV, JW, JX, JY, JZ, KA, KB, KC, KD, KE, KF, KG, KH, KI, KJ, KK, KL, KM, KN, KO, KP, KQ, KR, KS, KT, KU, KV, KW, KX, KY, KZ, LA, LB, LC, LD, LE, LF, LG, LH, LI, LJ, LK, LL, LM, LN, LO, LP, LQ, LR, LS, LT, LU, LV, LW, LX, LY, LZ, MA, MB, MC, MD, ME, MF, MG, MH, MI, MJ, MK, ML, MM, MN, MO, MP, MQ, MR, MS, MT, MU, MV, MW, MX, MY, MZ, NA, NB, NC, ND, NE, NF, NG, NH, NI, NJ, NK, NL, NM, NN, NO, NP, NQ, NR, NS, NT, NU, NV, NW, NX, NY, NZ, OA, OB, OC, OD, OE, OF, OG, OH, OI, OJ, OK, OL, OM, ON, OO, OP, OQ, OR, OS, OT, OU, OV, OW, OX, OY, OZ, PA, PB, PC, PD, PE, PF, PG, PH, PI, PJ, PK, PL, PM, PN, PO, PP, PQ, PR, PS, PT, PU, PV, PW, PX, PY, PZ, QA, QB, QC, QD, QE, QF, QG, QH, QI, QJ, QK, QL, QM, QN, QO, QP, QQ, QR, QS, QT, QU, QV, QW, QX, QY, QZ, RA, RB, RC, RD, RE, RF, RG, RH, RI, RJ, RK, RL, RM, RN, RO, RP, RQ, RR, RS, RT, RU, RV, RW, RX, RY, RZ, SA, SB, SC, SD, SE, SF, SG, SH, SI, SJ, SK, SL, SM, SN, SO, SP, SQ, SR, SS, ST, SU, SV, SW, SX, SY, SZ, TA, TB, TC, TD, TE, TF, TG, TH, TI, TJ, TK, TL, TM, TN, TO, TP, TQ, TR, TS, TT, TU, TV, TW, TX, TY, TZ, UA, UB, UC, UD, UE, UF, UG, UH, UI, UJ, UK, UL, UM, UN, UO, UP, UQ, UR, US, UT, UY, UV, UW, UX, UY, UZ, VA, VB, VC, VD, VE, VF, VG, VH, VI, VJ, VK, VL, VM, VN, VO, VP, VQ, VR, VS, VT, VU, VV, VW, VX, VY, VZ, WA, WB, WC, WD, WE, WF, WG, WH, WI, WJ, WK, WL, WM, WN, WO, WP, WQ, WR, WS, WT, WU, WV, WW, WX, WY, WZ, XA, XB, XC, XD, XE, XF, XG, XH, XI, XJ, XK, XL, XM, XN, XO, XP, XQ, XR, XS, XT, XU, XV, XW, XX, XY, XZ, YA, YB, YC, YD, YE, YF, YG, YH, YI, YJ, YK, YL, YM, YN, YO, YP, YQ, YR, YS, YT, YU, YV, YW, YX, YY, YZ, ZA, ZB, ZC, ZD, ZE, ZF, ZG, ZH, ZI, ZJ, ZK, ZL, ZM, ZN, ZO, ZP, ZQ, ZR, ZS, ZT, ZU, ZV, ZW, ZX, ZY, ZZ

Trusses require extra care in fabricating, handling, shipping, installing and bracing. Follow the section on BCS (floor joist) connections by TPI and WCA and use the practices prior to performing these functions. Installed truss structural connections, unless noted otherwise, cod 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 installed per BCS sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCC) shall not be responsible for any deviation from this manual. Any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on 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 drawing design engineer's name and title. For more information see: TPI: www.tpiinc.org; WCA: www.wcainc.com; ITWBCC: www.itwbcc.com; general notes page 10.



Haines City, FL 33844
FL COA #0278

Scale = .5"/Ft.

TC LL	40.0	PSF	REF R9114- 81489
TC DL	10.0	PSF	DATE 01/22/13
BC DL	5.0	PSF	DRW HCUR9114 13022175
BC LL	0.0	PSF	HC-ENG WHK/WHK
TOT.LD.	55.0	PSF	SEQN- 97181
DUR.FAC.	1.00		FROM SDY
SPACING	24.0"		JREF- 1UT39114Z03

Top chord	4x2	SP_#1_12A
Bot chord	4x2	SP_#1_12A
Webbs	4x2	SP_#3_12A

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

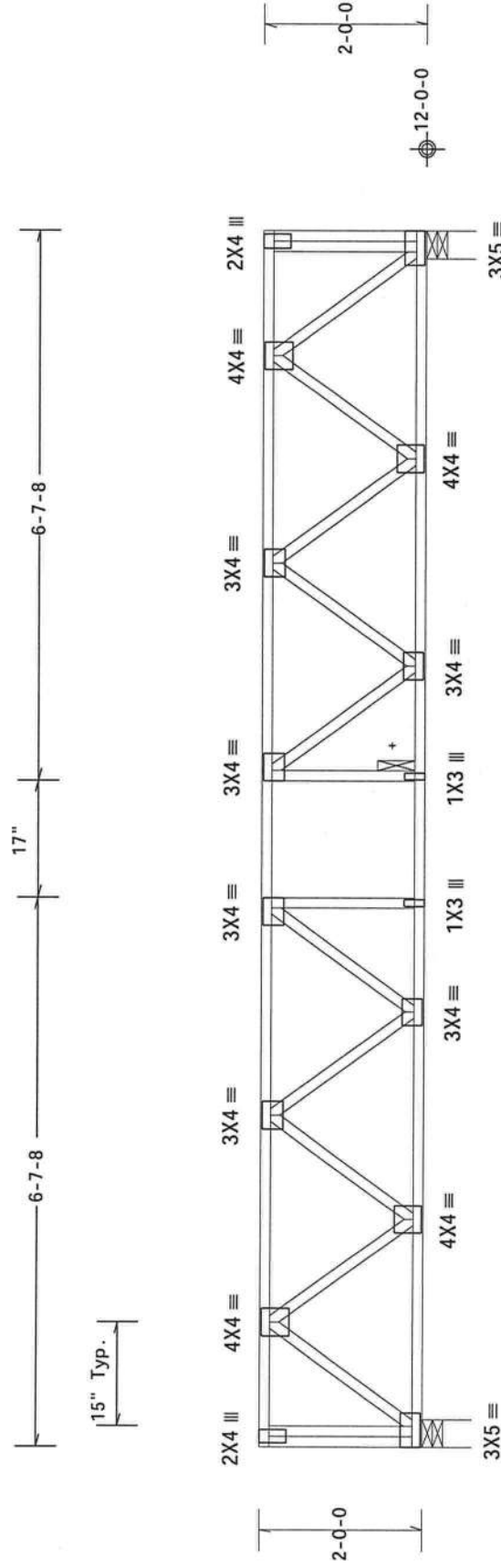
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

Truss must be installed as shown with top chord up.

+ 2x6 continuous strongback. See detail STRBR/BR0211 for bracing and bridging recommendations.

Special loads

	(Lumber Dur. Fac.=1.00 / Plate Dur. Fac.=1.00)
TC-From	100 pif at 0.00 to 100 pif at 4.31
TC-From	50 pif at 4.31 to 50 pif at 12.31
TC-From	100 pif at 12.31 to 100 pif at 14.67
BC-From	10 pif at 0.00 to 10 pif at 4.31
BC-From	5 pif at 4.31 to 5 pif at 12.31
BC-From	10 pif at 12.31 to 10 pif at 14.67
TC- 202.44 lb Conc. Load at 4.31, 6.31, 8.31, 10.31, 12.31	



14-8-0 Over 2 Supports

 $R=1053 \text{ W}=4"$

PLT TYP. Wave

Design Crit: FBC2010Res/TPI-2007(ST
FT/RT=12%(0%)/10(0)

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

****IMPORTANT****

FT/RT=12%(0%)/10(0)

Trusses require extreme care in fabricating, handling, shipping, installing, bracing, erecting and maintaining. The manufacturer shall follow the latest edition of BCSP (Building Code Safety Practices) prior to performing those functions. Installers shall provide temporary bracing per drawings. Truss manufacturers shall have a properly attached structural steel chord shall have a properly attached top chord shall have a properly attached bottom chord shall have installed par BGSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (TWBCG) shall not be responsible for any deviation from this document's failure to build the truss in conformance with ANSI/TPI 1-1 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 T60A-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. Please contact your local engineer for more information on seal: This job's general notes apply. TWBCG: www.twbcg.com; TPI: wtpi.net; email: twc@twbcg.com; WTCG: www.sealinfo.org

Scale = 5"/Ft.

TC LL	40.0	PSF	REF	R9114- 81490
TC DL	10.0	PSF	DATE	01/21/13
BC DL	5.0	PSF	DRW	HCUSR9114 13021261
BC LL	0.0	PSF	HC-ENG	JB/AP
TOT.LD.	55.0	PSF	SEQN-	46855
DUR.FAC.	1.00		FROM	SDY
SPACING	24.0"		JREF-	1UT39114Z03

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844
FL COA #0278

(120912F--Anderson Truss Co. Patel Residence -- Lot 1 Hills Of Windsor , ** - F11)

Top chord 4x2 SP_#1_12A
Bot chord 4x2 SP_#1_12A
Webs 4x2 SP_#3_12A

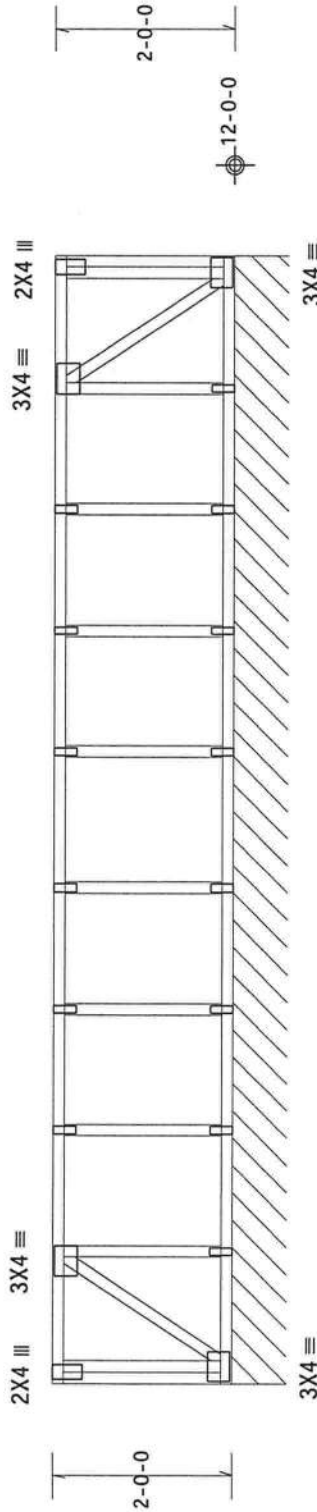
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

Sheathing is required for any longitudinal (drag) forces. All connections to be designed by the building designer.

See detail STRBRI8R0211 for bracing and bridging recommendations.

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.



12-5-0 Over Continuous Support

R=110 PLF W=12-5-0

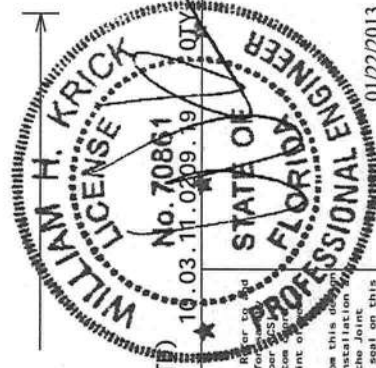
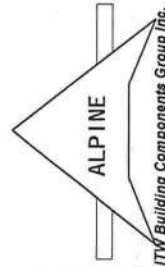
Note: All Plates Are 1X3 Except As Shown.

Design Crit: FBC2010Res/TPI-2007(STB)
FT/RT=12%(0%)/10(0)

PLT TYP. Wave

****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 more information on proper practices prior to performing these functions. Installers shall provide temporary bracing per BCSI and shall have a properly attached rigid lateral bracing and bottom chord 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-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. For more information see: This Job's general notes page: ITW-BCSI: www.itwbcg.com; TPI: www.tpi.net; WTCA: www.wtcaindustry.com; ICC: www.iccsafe.org



Scale = 5"/Ft.

TC LL	40.0 PSF	REF	R9114- 81492
TC DL	10.0 PSF	DATE	01/21/13
BC DL	5.0 PSF	DRW	HCUSR9114 13021260
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	55.0 PSF	SEQN-	46787
DUR.FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1UT39114Z03

(120912F--Anderson Truss Co. Patel Residence -- Lot 1 Hills Of Windsor, ** - F12)

Top chord 4x2 SP_#1_12A
Bot chord 4x2 SP_#1_12A
Webs 4x2 SP_#3_12A

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

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

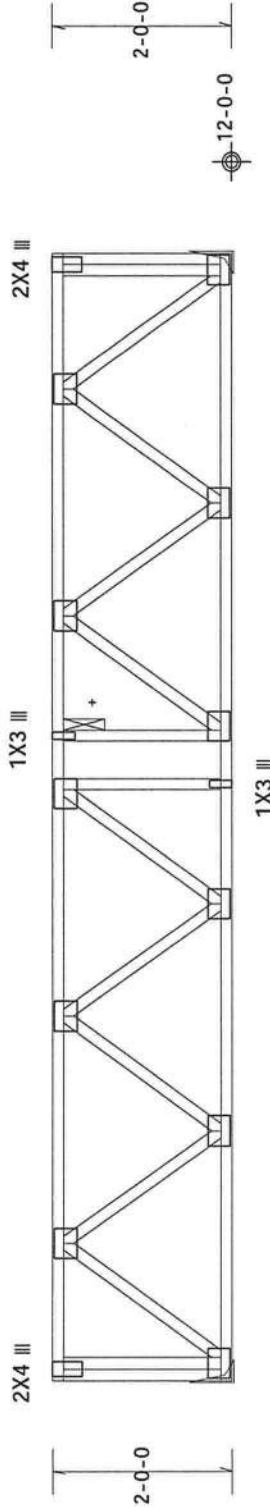
+ 2x6 continuous strongback. See detail STRB1BR0211 for bracing and bridging recommendations.

(H1) = (J) Hanger not calculated (2)4x2 SP_#1_12A supporting member.
(H2) = (J) Hanger not calculated (2)4x2 SP_#1_12A supporting member.

Truss must be installed as shown with top chord up.



15" Typ.



12-5-0 Over 2 Supports

R=683
H=H1

Note: All Plates Are 3X4 Except As Shown.

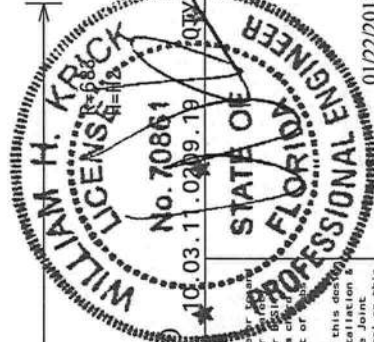
Design Crit: FBC2010Res/TPI-2007(STB)
FT/RT=12%(0%)/10(0)

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 best 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 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 accordance 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 Building Designer per ANSI/TPI Sec.2. For more information see: This Job's ICC: www.iccsafe.org ITW-BCSI: www.itwbcg.com; TPI: www.tpiinc.org; WTCA: www.wtcaindustry.com

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



Scale = .5"/Ft.

TC LL	40.0 PSF	REF	R9114- 81493
TC DL	10.0 PSF	DATE	01/22/13
BC DL	5.0 PSF	DRW	HCUSR9114 13022176
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	55.0 PSF	SEQN-	97185
DUR.FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1UT39114Z03

(120912F--Anderson Truss Co. Patel Residence -- Lot 1 Hills Of Windsor, ** - F13)

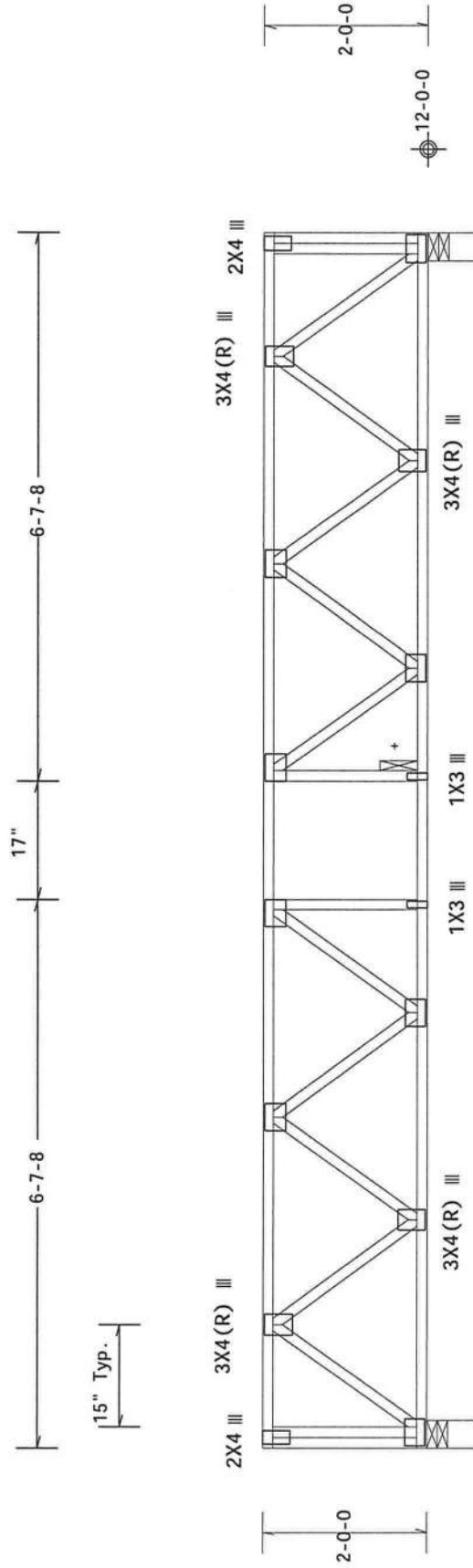
Top chord 4x2 SP_#1_12A
Bot chord 4x2 SP_#1_12A
Webs 4x2 SP_#3_12A

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

+ 2x6 continuous strongback. See detail STRBR1BR0211 for bracing and bridging recommendations.

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.



14-8-0 Over 2 Supports
R=807 W=4"

Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2010Res/TPI-2007(Std)
FT/RT=12%(0%)/10(0)

PLT TYP. Wave

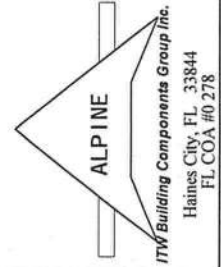
FL/-5/-/-R/-

Scale = .5"/Ft.

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET

FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for best 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 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 or install the truss as shown. ITWBCG shall not be responsible for any failure to brace or install the truss 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: This job's drawings and specifications. ITWBCG: www.itwbcg.com; TPI: www.tpiinc.org; WTCA: www.alcindustry.com; ICC: www.iccsafe.org



TC LL	40.0 PSF	REF	R9114- 81494
TC DL	10.0 PSF	DATE	01/22/13
BC DL	5.0 PSF	DRW	HCUSR9114 13022177
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	55.0 PSF	SEQN-	97186
DUR.FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1UT39114Z03

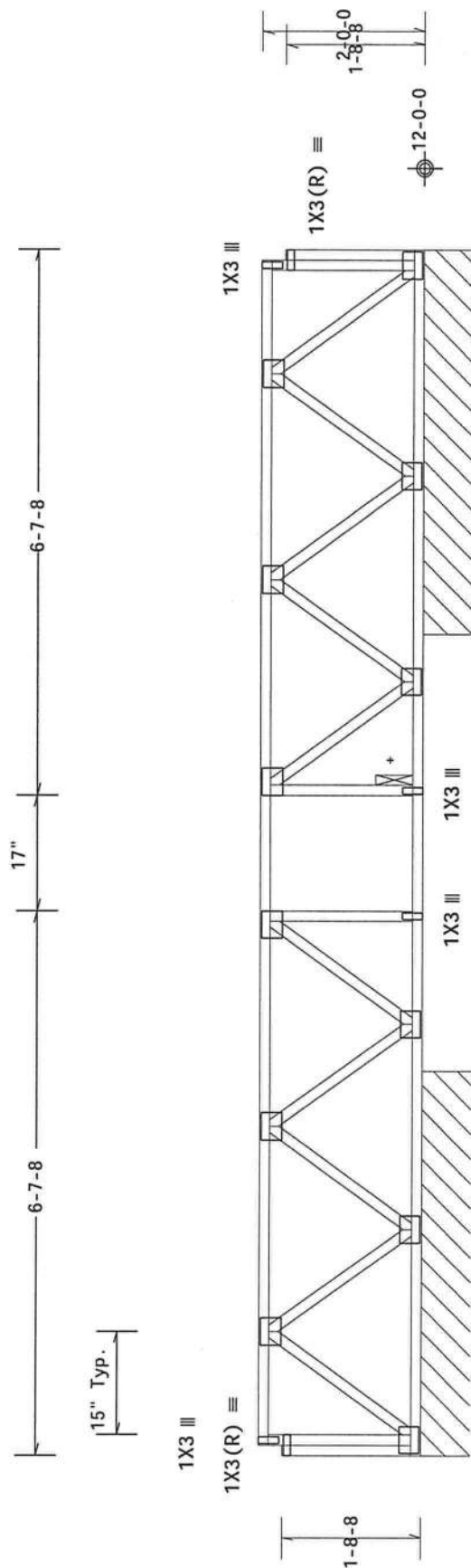
Top	chord	4x2	SP_#1_12A
Bot	chord	4x2	SP_#1_12A
	Webbs	4x2	SP_#3_12A

+ 2x6 continuous strongback. See detail STRBRIBR0211 for bracing and bridging recommendations.

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.

Truss must be installed as shown with top chord up.



14-8-0 Over 2 Supports

R=170 PLF W=4-8-0

Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2010Res/TPI -2007(STD)

PLT TYP. Wave

Scale = .5"/Ft.

TC LL	40.0 PSF	REF R9114- 81495
TC DL	10.0 PSF	DATE 01/22/13
BC DL	5.0 PSF	DRW HCUSR9114 13022178
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	55.0 PSF	SEQN- 97187
DUR.FAC.	1.00	FROM SDY
SPACING	24.0"	JREF- 1UT39114Z03



****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. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and WCA) for details on proper practices for performing these functions. Installers shall provide temporary bracing for all trusses until the permanent structural bracing and bottom chord bracing is in place. Trusses shall have bracing installed per BCSI Sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (TWBCG) 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 or use of the Truss. The user of this drawing shall be responsible for obtaining all necessary details, unless noted otherwise. Refer to drawings, 1603-T for standard place 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 seal and notes page. TW-Building: www.twbldg.com; TPI: www.tpi.net; WTC: www.abciindustries.com; ECF: www.ecf.com

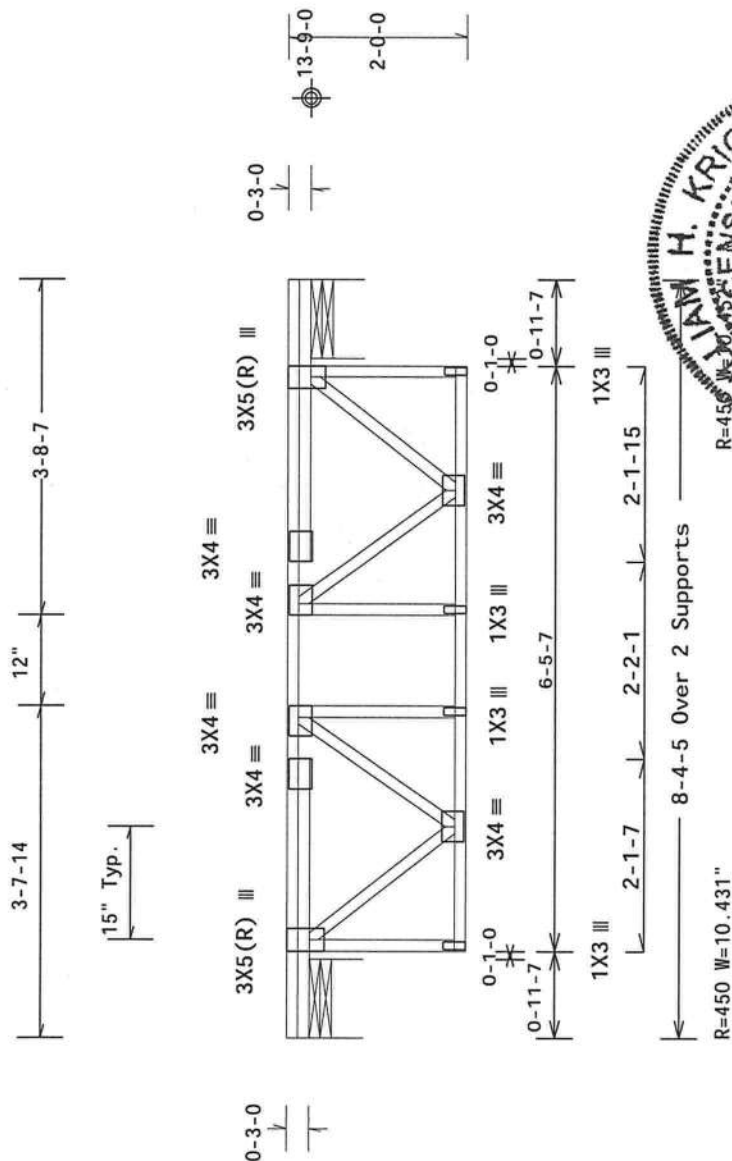
ALPINE
TW Building Components Group Inc.

Haines City, FL 33844
FL COA #0278

Top chord	4x2 SP #1_12A	Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.
Bot chord	4x2 SP #1_12A	

Truss must be installed as shown with top chord up.

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



PLT TYP. Wave

Design Crit: $\text{FBC2010Res/TPI-2007(STI FT/RT=12\%(0\%)/10(0\%))}$

Scale = .5"/Ft.

TC LL	40.0	PSF	REF R9114- 81496
TC DL	10.0	PSF	DATE 01/22/13
BC DL	5.0	PSF	DRW HCUR9114 13022179
BC LL	0.0	PSF	HC-ENG WHK/WHK
TOT.LD.	55.0	PSF	SEQN- 97188
DUR.FAC.	1.00		FROM SDY
SPACING	24.0"		JREF- 1UT39114Z03

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the following latest edition of BCSI (Building Component Safety Information, by TPI and WCA) for information on proper installation. Installers shall provide temporary bracing per the manufacturer's instructions. Trusses shall be protected from weathering and bottom chord bracing shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

TW Building Components Group Inc. (TWBCG) shall not be responsible for any deviation from this document or any failure to build the Truss in conformance with ANSI/TPI 1, or for handling, shipping, installation or use of the Truss without first consulting with TWBCG regarding details, unless noted otherwise. A warning 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; TW-BDCG; www.twbcg.com; TPI: www.tpi.org; WDC: www.sbcindustry.com;

01/22/2013

1000

15 JULY 2004

(120912F--Anderson Truss Co. Patel Residence -- Lot 1 Hills Of Windsor, ** - F16)

Top chord 4x2 SP_#1_12A
Bot chord 4x2 SP_#1_12A
Webs 4x2 SP_#3_12A

+ 2x6 continuous strongback. See detail STRB1BR0211 for bracing and bridging recommendations.

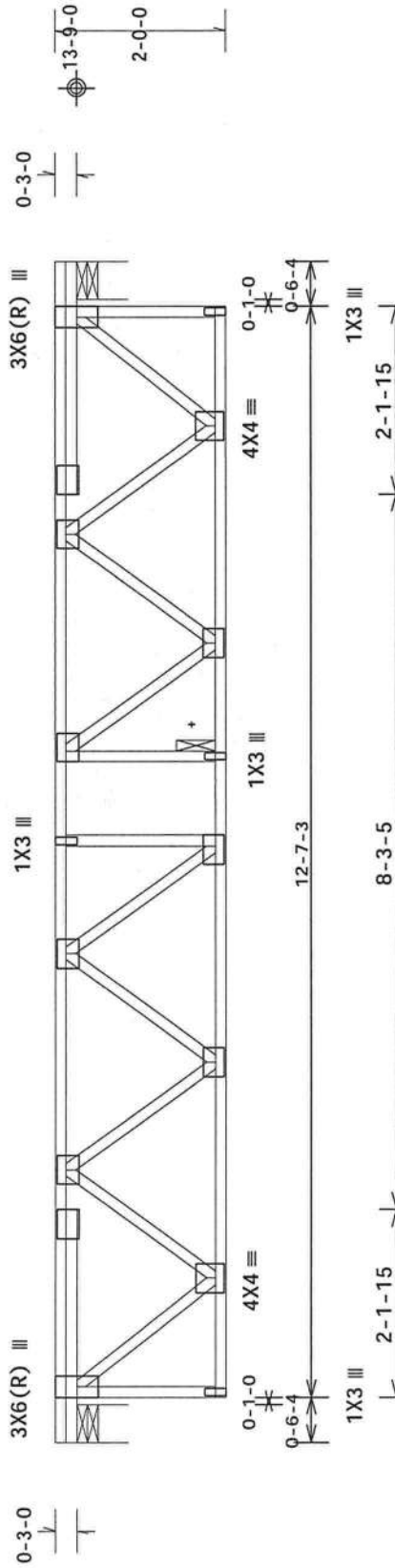
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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

Truss must be installed as shown with top chord up.



15" Typ.



R=745 W=5.26"

Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2010Res/TPI-2007(S10)

FT/RT=12%(0%)/10(0)

PLT TYP. Wave

Scale = .5"/Ft.

REF R9114- 81497

DATE 01/22/13

DRW HCUSR9114 13022180

HC-ENG WHK/WHK

SEQN- 97189

FROM SDY

JREF- 1UT39114Z03

TC LL 40.0 PSF

TC DL 10.0 PSF

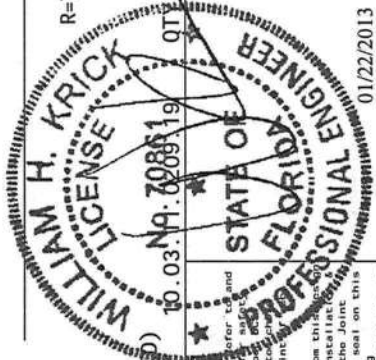
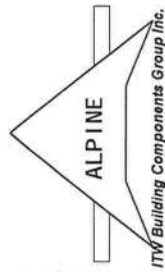
BC DL 5.0 PSF

BC LL 0.0 PSF

TOT.LD. 55.0 PSF

DUR.FAC. 1.00

SPACING 24.0"



****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET.
****IMPORTANT**** FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information, by TPI and WCA) for details. Unless noted otherwise, top chord shall have properly attached structural sheathing and 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. Any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing, bracing of trusses. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 1004-Z for standard plate positions. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering and 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.tpiint.org; WCA: www.wcaindustry.com; ICC: www.iccsafe.org

(120912F--Anderson Truss Co. Patel Residence -- Lot 1 Hills Of Windsor, ** - F17)

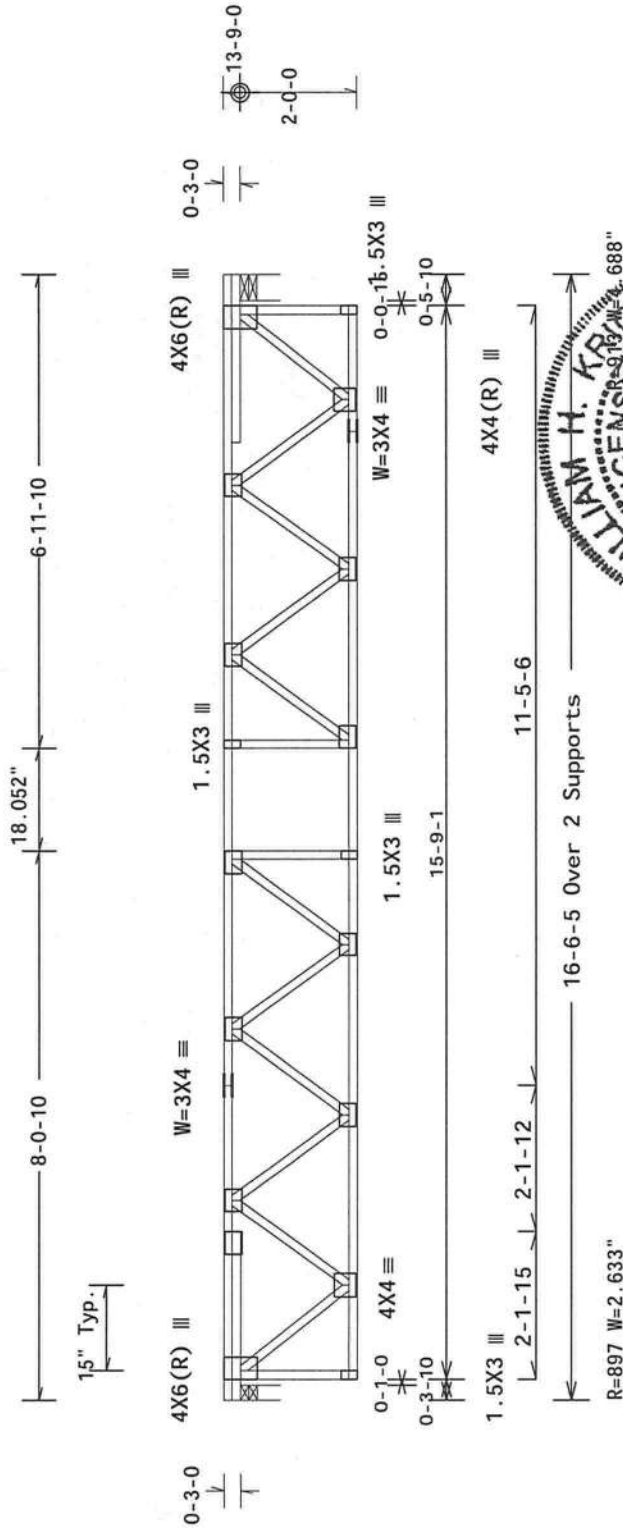
Top chord 4x2 SP_#1_12A
Bot chord 4x2 SP_#1_12A
Webs 4x2 SP_#3_12A

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

See detail STRBRIBR0211 for bracing and bridging recommendations.

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.



Note: All Plates Are 3X4 Except As Shown.

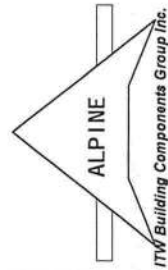
Design Crit: FBC2010Res/TPI-2007(STB)
FT/RT=12%(0%)/10(0)

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. 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 requirements. Trusses shall be properly braced during shipping and handling. Trusses shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of trusses shall be 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, indicating acceptance of professional engineering responsibility solely for this design, shall be provided by the user of this design for any structure is constructed in accordance with this design. This seal shall be provided by the user of this design. This job's general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org



TC LL	40.0 PSF	FL/-5/-/-R/-	Scale = .375"/Ft.
TC DL	10.0 PSF	REF	R9114- 81498
BC DL	5.0 PSF	DATE	01/22/13
BC LL	0.0 PSF	DRW	HCUSR9114 13022181
TOT.LD.	55.0 PSF	HC-ENG	WHK/WHK
DUR.FAC.	1.00	SEQN-	97190
SPACING	24.0"	FROM	SDY
		JREF-	1UT39114Z03

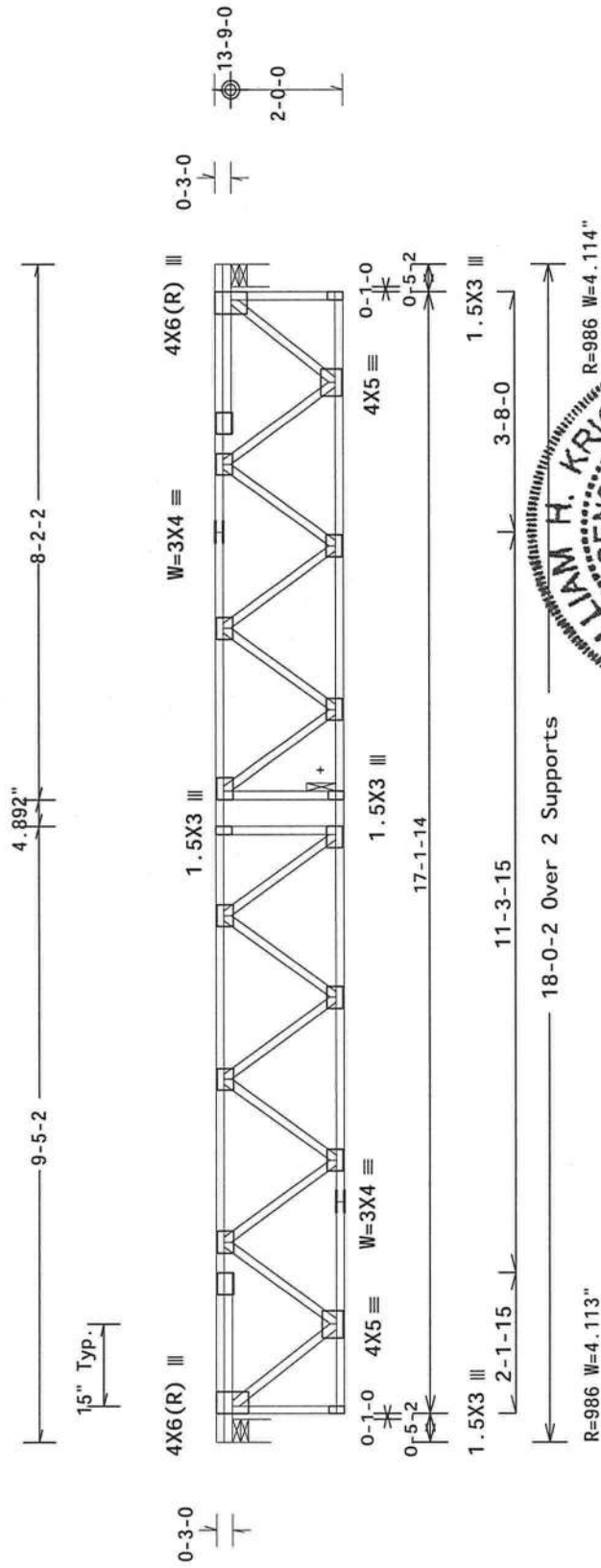
Top chord	4x2 SP #1.12A	+ 2x6 continuous strongback. See detail STRBRI0211 for bracing and bridging recommendations.
Bot chord	4x2 SP #1.12A	

new 4x2 31'x13' 12A

Lumber grades designated with "12A" use design values approved

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.



Note: All Plates Are 3X4 Except As Shown.

Design Crit: $\text{FBC2010Res/TPI-2007(STB)}_{\text{FT/RT}} = 12\%(0\%) / 10(0\%)$

PLT TYP.: Wave.

Scale = .375"/Ft.

ALPINE

ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 2788

****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 and follow the latest edition of BCST (Building Component Safety Information, by TPI and WICA) for safety practices prior to performing these operations. Installers shall be responsible for ensuring that all bracing locations shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint shall have bracing installed per BCST sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBGS) shall not be responsible for any deviation from this design, any failure to build the truss in conformance with ANSI/TPA 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 responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the user. Do not alter or modify this design without the written approval of ITW. For general notes, please refer to: ITW-BGCS: www.itwbgc.com; TPI: www.tpi.net; WICA: www.bcindustry.org; ICC: www.iccsafe.org

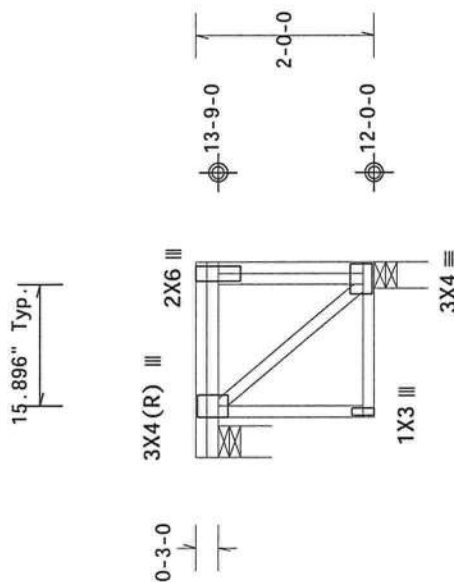
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TC DL	10.0 PSF	DATE	01/22/13
BC DL	5.0 PSF	DRW	HCUSR9114 13022182
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT. LD.	55.0 PSF	SEQN-	97191
DUR. FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1UT39114Z03

Top chord 4x2 SP_#1_12A
Bot chord 4x2 SP_#1_12A
Webs 4x2 SP_#3_12A

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

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.



2-1-12 Over 2 Supports

R=99 W=4.243"
R=133 W=3.5"

PLT TYP. Wave

Design Crit: FBC2010Res/TPI-2007(STP)

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

Trausers require extreme care in fabricating, handling, shipping, installing and tracing. We follow the latest edition of BESI (Building Component Safety Information, by FPI and WIGA) instructions as well as those from the manufacturer. In addition, we attach structural sheathing and bottom chord bracing to pierce through shell openings. The drawings show the locations of the lateral restraint bracing installed per BSCL sections B3, B7 or B10, as applicable.

[illegible]

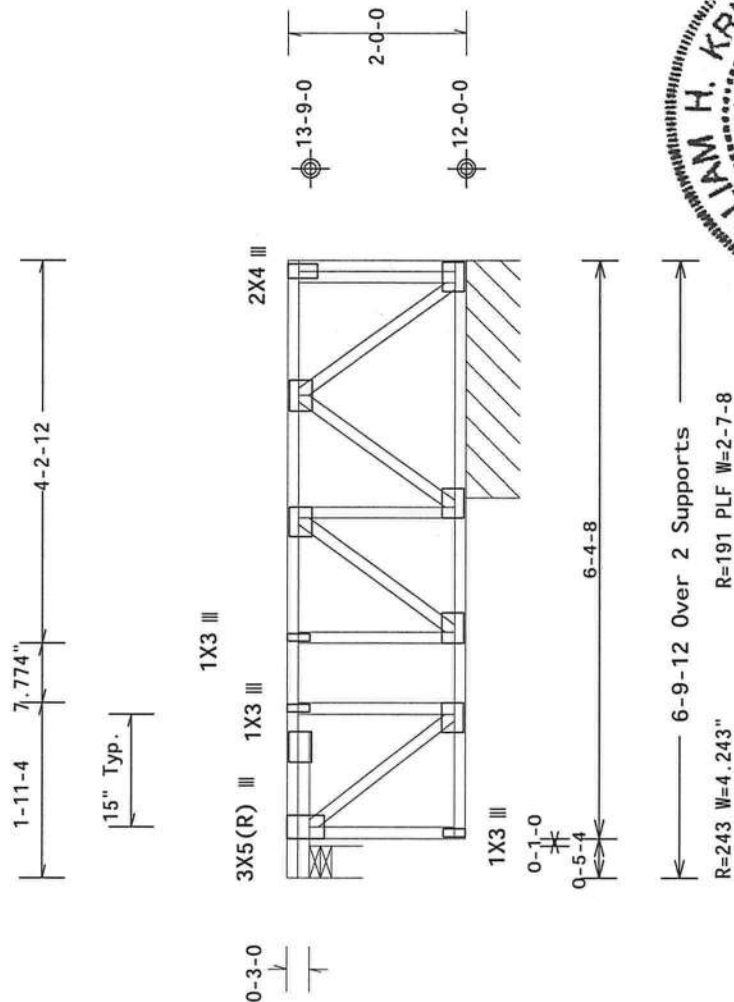
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BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	55.0 PSF	SEQN-	97193
DUR.FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1UT39114Z03

	Top	chord	4x2	SP_#1	12A
	Bot	chord	4x2	SP_#1	12A
		Webs	4x2	SP_#3	12A

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.

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



Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2010Res/TPI-2007(Std)

PLT TYP. Wave

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

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for safety and bracing details. Truss fabricators and installers shall provide temporary bracing for all trusses. Trusses shall be braced in accordance with the details shown on this drawing. Unless noted otherwise, top chord shall have temporary lateral bracing. Trusses shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint shall have trusses installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components, Group Inc. (ITWBCCI) shall not be responsible for any deviation from the 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: www.itw-bcci.com; www.tpiinc.org; WTCA: www.sbcindustry.com; www.lesaffroy.org

01/22/2013

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

01/22/2013

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for safety and bracing details. Truss fabricators and installers shall provide temporary bracing for all trusses. Trusses shall be braced in accordance with the details shown on this drawing. Unless noted otherwise, top chord shall have temporary lateral bracing. Trusses shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint shall have trusses installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components, Group Inc. (ITWBCCI) shall not be responsible for any deviation from the 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: www.itw-bcci.com; www.tpiinc.org; WTCA: www.sbcindustry.com; www.lesaffroy.org

01/22/2013

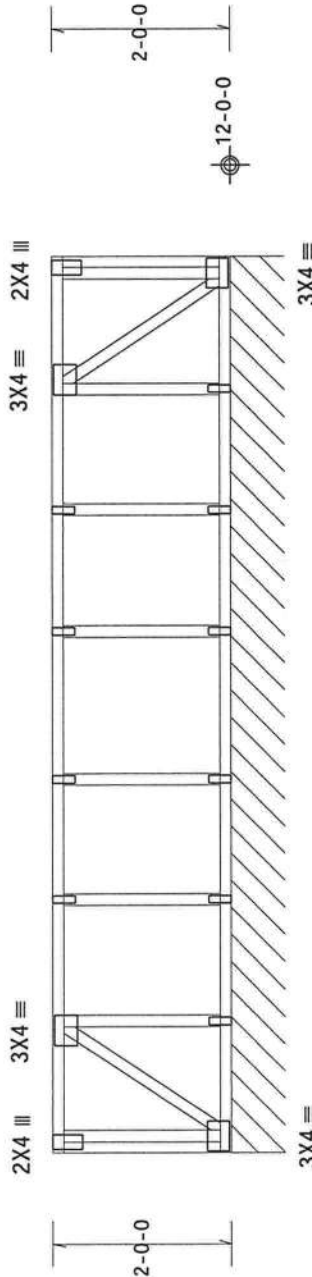
(120912F--Anderson Truss Co. Patel Residence -- Lot 1 Hills Of Windsor , ** - F21)

Top chord 4x2 SP_#1_12A
Bot chord 4x2 SP_#1_12A
Webs 4x2 SP_#3_12A

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

Truss must be installed as shown with top chord up.

Sheathing is required for any longitudinal(drag) forces. All connections to be designed by the building designer.



9-10-8 Over Continuous Support

R=110 PLF W=9-10-8

Note: All Plates Are 1X3 Except As Shown.

Design Crit: FBC2010Res/TPI-2007(SUB)
FT/RT=12%(0%)/10(0)

PLT TYP. Wave

Scale = .5"/Ft.

 ALPINE ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0 278	**WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WGA) recommendations prior to performing these functions. Trusses are not to be used for any purpose other than that for which they were designed. 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 drawing or cover page listing this drawing. Indicates acceptance of professional engineering responsibility solely for the design shown. Do not use for this project any information other than that contained in this drawing. For more information visit: www.alpineindustry.com LIC: www.iccsafe.org		TC LL 40.0 PSF	REF R9114- 81503
	IMPORTANT	TC DL 10.0 PSF	DATE 01/21/13	
		BC DL 5.0 PSF	DRW HCUSR9114 13021236	
		BC LL 0.0 PSF	HC-ENG JB/AP	
		TOT.LD. 55.0 PSF	SEQN- 46798	
		DUR.FAC. 1.00	FROM SDY	
	SPACING 24.0"	JREF- 1UT39114Z03		

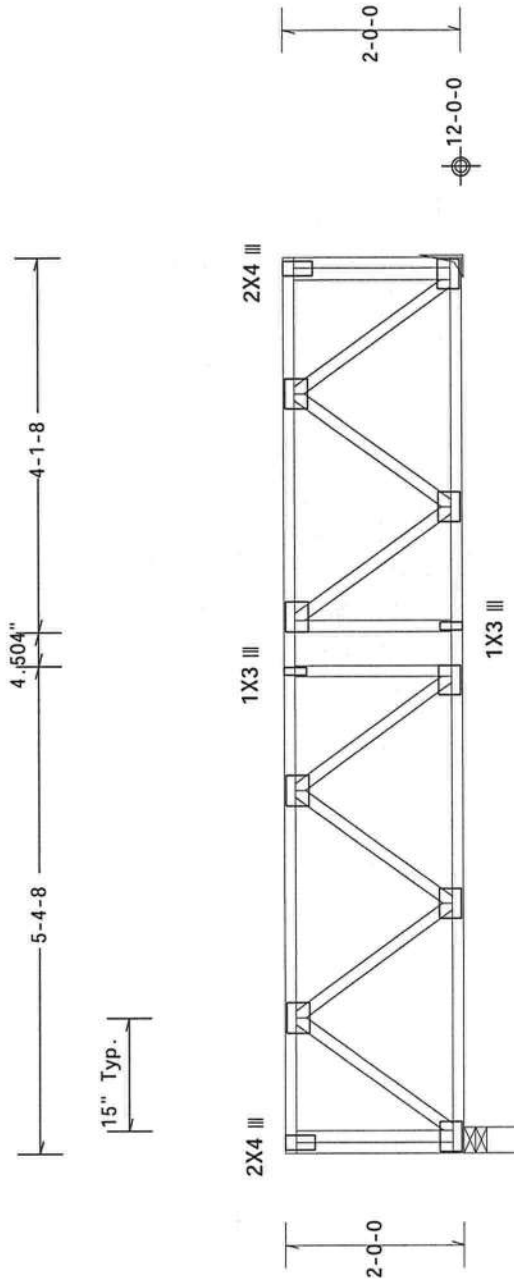
(120912F--Anderson Truss Co. Patel Residence -- Lot 1 Hills Of Windsor, ** - F22)

Top chord 4x2 SP_#1_12A
Bot chord 4x2 SP_#1_12A
Webs 4x2 SP_#3_12A

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.

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



9-10-8 Over 2 Supports
R=543 W=3.5"

Note: All Plates Are 3x4 Except As Shown.

Design Crit: FBC2010Res/TPI-2007(STP)
FT/RT=12%(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 BCS1 (Building Component Safety Information, by TPI and WICA) for best practices prior to performing these functions. Installers shall provide temporary bracing per BCS1 unless noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Trusses shall be installed in accordance with the manufacturer's instructions and 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 of the truss system. The user of this design shall be responsible for the installation and bracing of the truss. 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; TPI: www.tpinet.org; WICA: www.aluminum.org; IBC: www.ircsource.org

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



TC LL	40.0 PSF	FL/-/5/-/-/R/-	Scale = .5"/Ft.
TC DL	10.0 PSF	REF	R9114- 81504
BC DL	5.0 PSF	DATE	01/22/13
BC LL	0.0 PSF	DRW	HCUSR9114 13022186
TOT.LD.	55.0 PSF	HC-ENG	WHK/WHK
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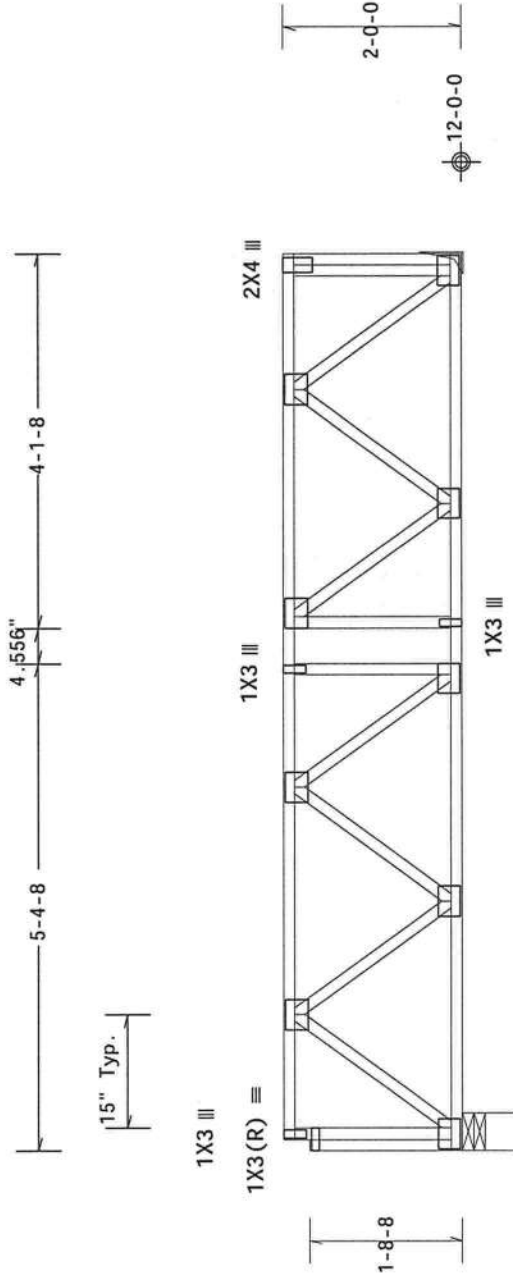
(120912F--Anderson Truss Co. Patel Residence -- Lot 1 Hills Of Windsor, ** - F23)

Top chord 4x2 SP_#1_12A
Bot chord 4x2 SP_#1_12A
Webs 4x2 SP_#3_12A

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.

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



9-10-9 Over 2 Supports

R=531 W=5"

Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2010Res/TPI-2007(SID)

FT/RT=12%(0%)/10(0)

PLT TYP. Wave

Scale = .5"/Ft.

REF R9114- 81505

DATE 01/22/13

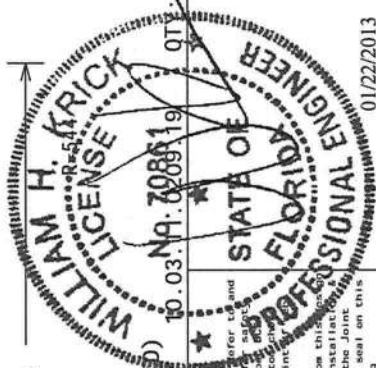
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HC-ENG WHK/WHK

SEQN- 97197

FROM SDY

JREF- 1UT39114Z03

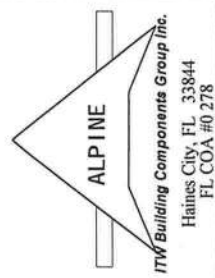


WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET

FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTGA) 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 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 of the building due to non-compliance with ANSI/TPI 1 or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-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 IFC: www.itscinfo.org; TPI: www.tpiinc.com; WTGA: www.bcsindustry.com;



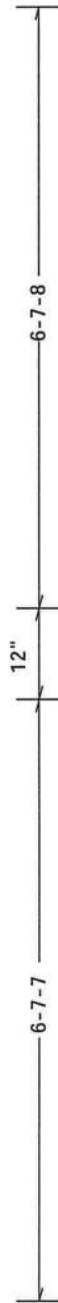
(120912F--Anderson Truss Co. Patel Residence -- Lot 1 Hills Of Windsor, ** - F26)

Top chord 4x2 SP_#1_12A
Bot chord 4x2 SP_#1_12A
Webs 4x2 SP_#3_12A

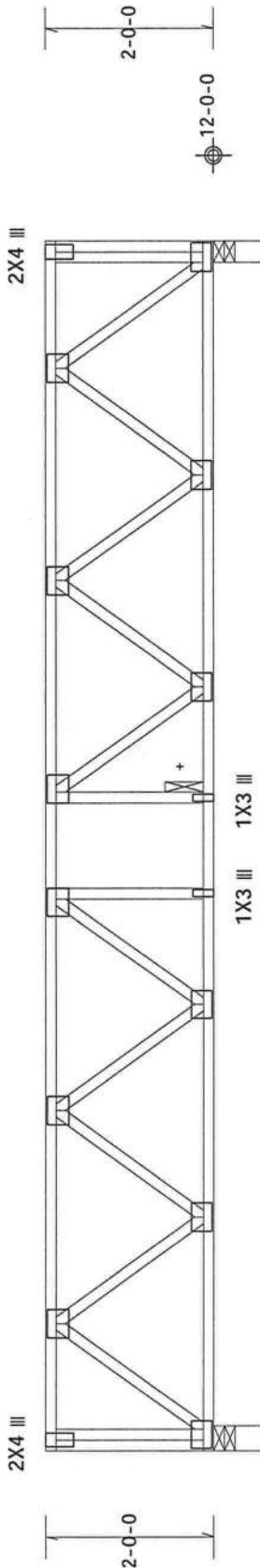
+ 2x6 continuous strongback. See detail STRB1BR0211 for bracing and bridging recommendations.

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.



15" Typ.



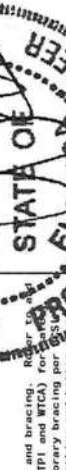
Note: All Plates Are 3x4 Except As Shown.

Design Crit: FBC2010Res/TPI-2007(STB)
FT/RT=12%(0%)/10(0)

PLT TYP. Wave

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

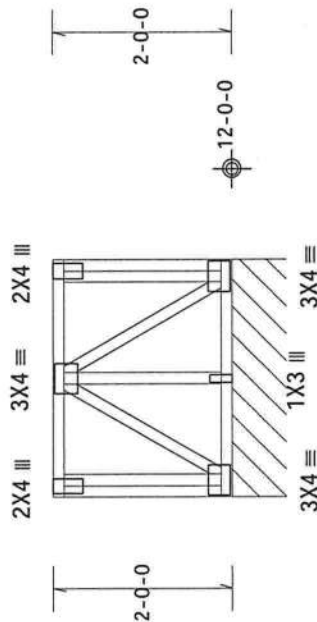
Scale = .5"/Ft.

ALPINE ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0 278	**WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET! FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.			TC LL	40.0 PSF	REF	R9114- 81506
	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 best practices prior to performing these functions. Installers shall provide temporary bracing per practices noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.			TC DL	10.0 PSF	DATE	01/22/13
	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-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. Use of this design for any other purpose without the written consent of ITWBCG is prohibited. ITWBCG: www.itwbcg.com; TPI: www.tpi.net.org; WTCA: www.structure.com; ICC: www.iccsafe.org			BC DL	5.0 PSF	DRW	HCUSR9114 13022188
				BC LL	0.0 PSF	HC-ENG	WHK/WHK
				TOT.LD.	55.0 PSF	SEQN-	97198
				DUR.FAC.	1.00	FROM	SDY
			SPACING	24.0"	JREF-	1UT39114Z03	

Top chord	4x2 SP #1 12A	Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.
Bot chord	4x2 SP #1 12A	

Truss must be installed as shown with top chord up.

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



2-7- β _Over Continuous Support

R=110 PLF W=2-7-8

PLT TYP. Wave

Design Crit: FBC2010Res/TPI-2007(STD)
FT/RT=12%(0%)/10(0)

IMPORTANT

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

FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

Trusses require extra care in fabricating, handling, shipping, installing and bracing. Please refer to the latest edition of BCSI Building Components Safety Information by TPI and BCSI for more information. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

LTV Building Components Group Inc. (LTVBGC) shall not be responsible for any deviation from this specification. All failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation or bracing of trusses. Apply plates to each rafter of truss and position as above points 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; LTV-BG0; Building Designation # LTV1; wvspnprint.org; WTA; www.ltvinfo.com;



ALPINE

ITW Building Components Group Inc.
Haines City, FL 33844
Tel. 800.440.2729

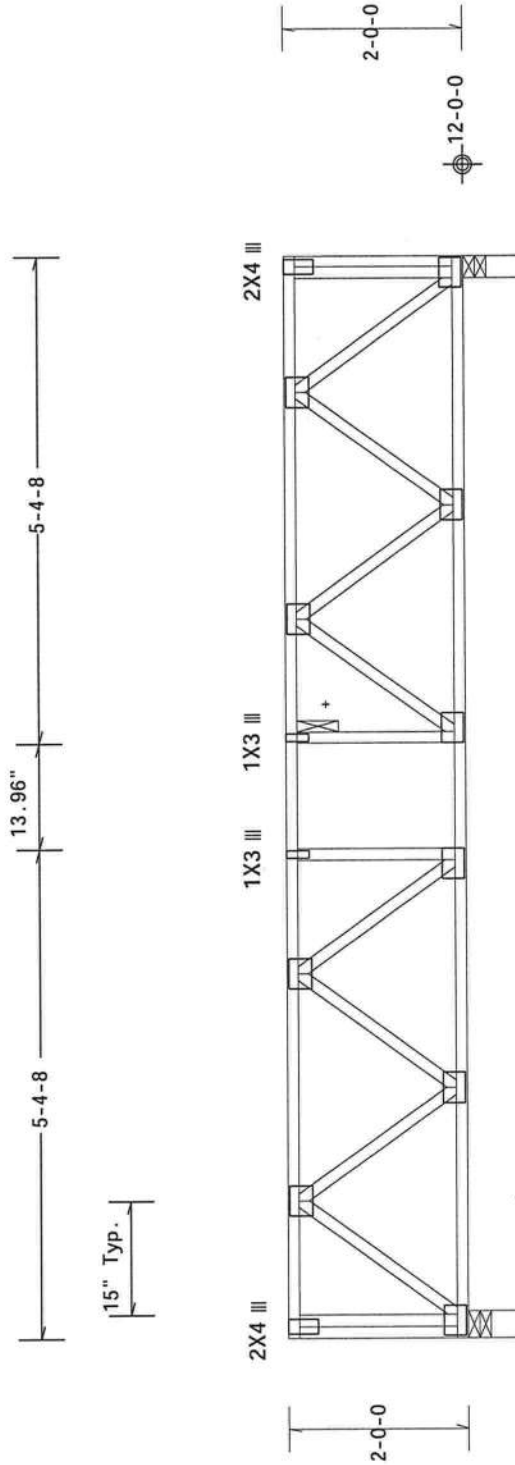
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TC DL	10.0 PSF	DATE	01/21/13	
BC DL	5.0 PSF	DRW	HCUSR9114	13021238
BC LL	0.0 PSF	HC-ENG	JB/AP	
TOT. LD.	55.0 PSF	SEQN-	46802	
DUR. FAC.	1.00	FROM	SDY	
SPACING	24.0"	JREF-	1UT39114Z03	

(120912F--Anderson Truss Co. Patel Residence -- Lot 1 Hills Of Windsor, ** - F28)

Top chord 4x2 SP_#1_12A
Bot chord 4x2 SP_#1_12A
Webs 4x2 SP_#3_12A

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

Truss must be installed as shown with top chord up.



11-10-15 Over 2 Supports

R=655 W=3.5"

Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2010Res/TPI-2007(STB)
FT/RT=12%(0%)/10(0)

PLT TYP. Wave

Scale = .5" / Ft.

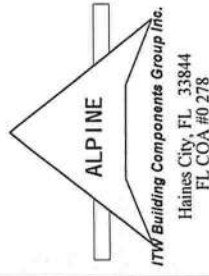
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TC DL	10.0 PSF	DATE	01/22/13
BC DL	5.0 PSF	DRW	HCUSR9114 13022189
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT. LD.	55.0 PSF	SEQN-	97200
DUR. FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1UT39114Z03



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 best practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, 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 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, handling, or installation of trusses. Design of trusses shall be the responsibility of the Building Designer. 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.tpiinc.org; WTCA: www.alcindustry.com; ICC: www.iccsafe.org



(120912F--Anderson Truss Co. Patel Residence -- Lot 1 Hills Of Windsor , ** - F29)

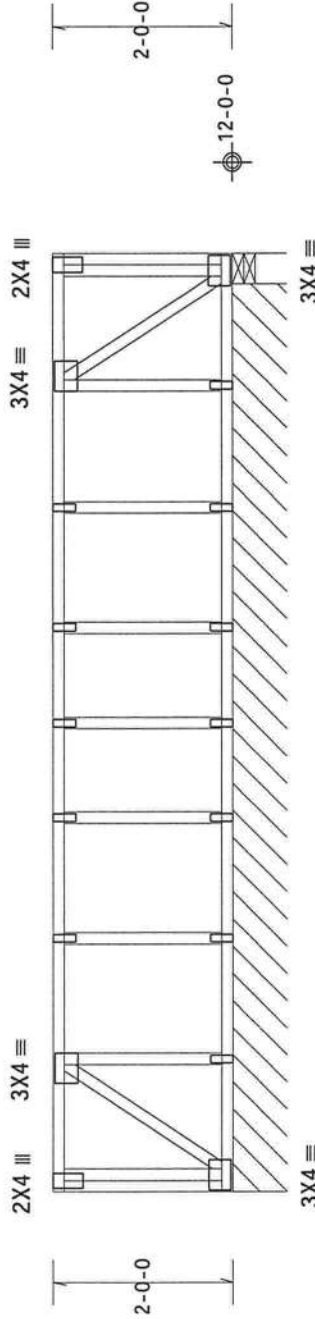
Top chord 4x2 SP_#1_12A
Bot chord 4x2 SP_#1_12A
Webs 4x2 SP_#3_12A

See detail STRBR1BR0211 for bracing and bridging recommendations.

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.

Truss must be installed as shown with top chord up.



R=93 W=4"

10-4-0 Over 2 Supports

R=104 PLF W=10-0-0

Note: All Plates Are 1X3 Except As Shown.

Design Crit: FBC2010Res/TPI-2007(STP)

FT/RT=12%(0%)/10(0)

PLT TYP. Wave

Scale = .5" / Ft.

REF R9114- 81509

DATE 01/21/13

DRW HCUSR9114 13021237

HC-ENG JB/AP

SEQN- 46804

FROM SDY

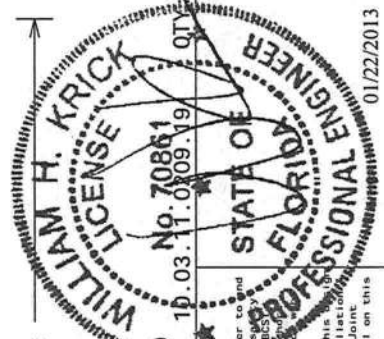
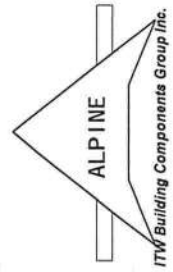
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10.03.11.09.19

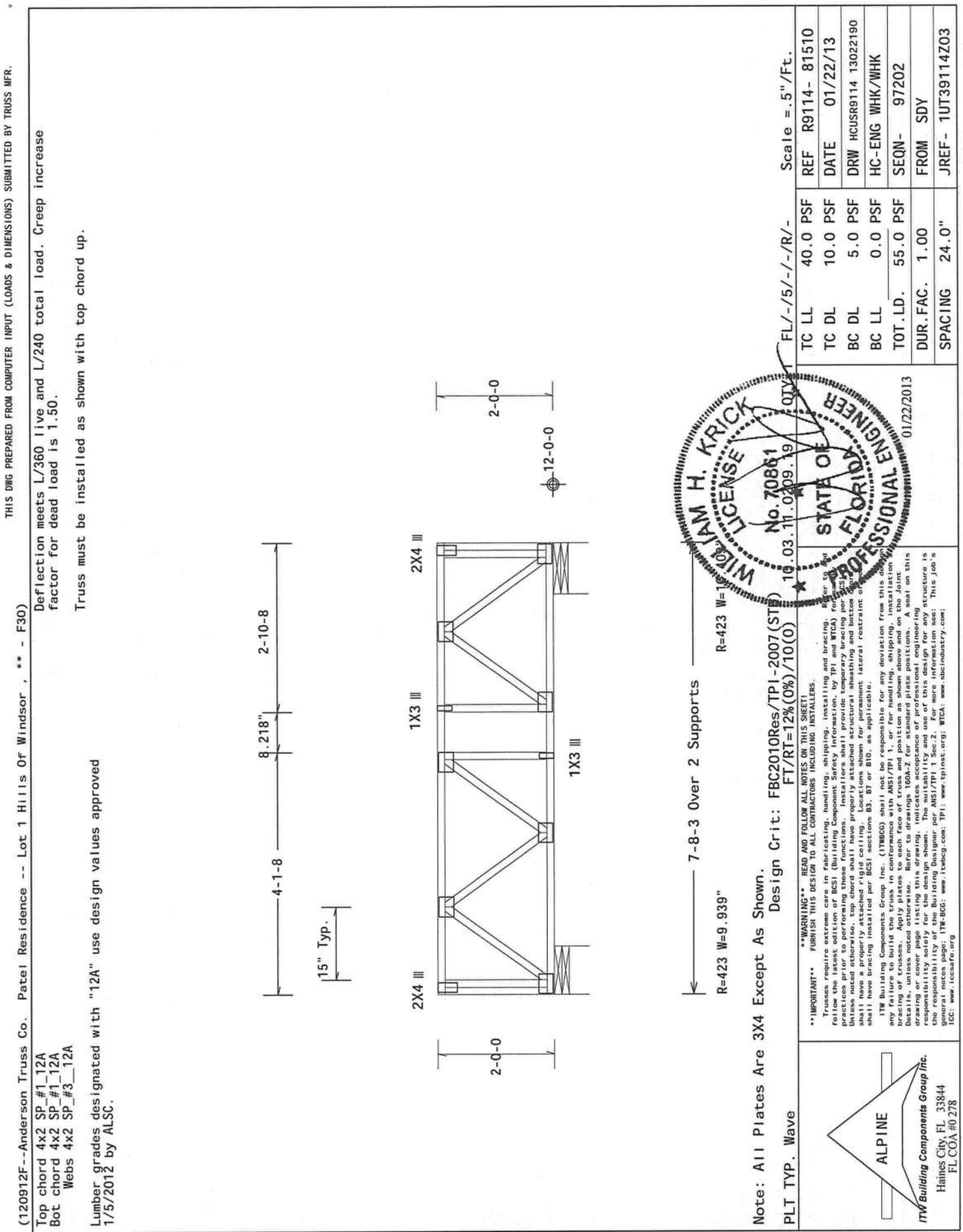
10.03.11.09.19

10.03.11.09.19

10.03.11.09.19



****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) recommended practices prior to performing these functions. Installers shall provide temporary bracing and shoring for all trusses until they are properly attached to the building structure. Trusses shall have a properly attached rigid collar. 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 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. This seal is not valid unless the engineer's name and title are on the drawing. For more information, see the general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpiinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org



(120912F--Anderson Truss Co. Patel Residence -- Lot 1 Hills Of Windsor, ** - F30)
Top chord 4x2 SP_#1_12A
Bot chord 4x2 SP_#1_12A
Webs 4x2 SP_#3_12A
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.
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.

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

Note: All Plates Are 3X4 Except As Shown.
Design Crit: FBC2010Res/TPI-2007(STB)
FT/RT=12%(0%)/10(0)

PLT TYP. Wave
Scale = .5"/Ft.

REF R9114- 81510
DATE 01/22/13
DRW HCUSR9114 13022190
HC-ENG WHK/WHK
SEQN- 97202
FROM SDY
JREF- 1UT39114Z03

William H. Krick
Professional Engineer
No. 70861
10.03.11.0209.9
10/22/2013

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

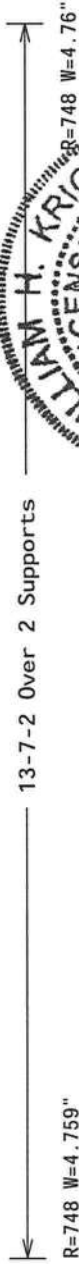
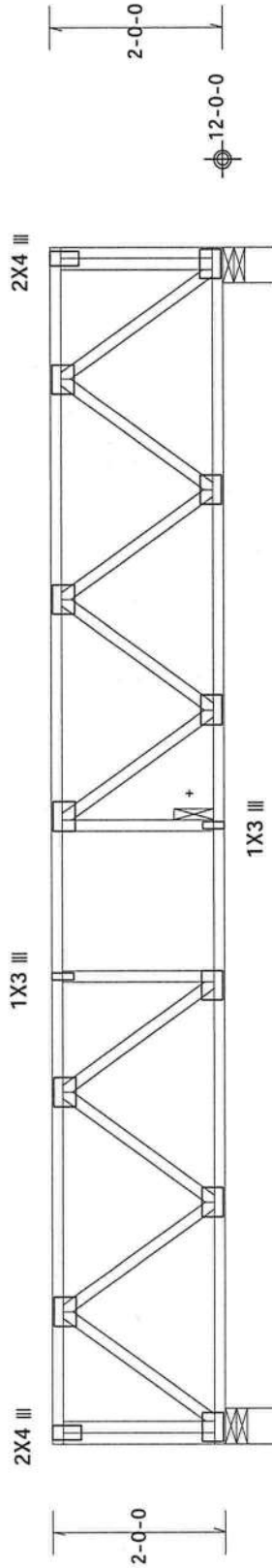
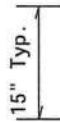
IMPORTANT** READ AND FOLLOW ALL NOTES ON THIS SHEET
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information, by TPI and WTC) for best practices prior to performing these functions. Installers shall provide temporary bracing per BCSI unless noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have 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 for any damage to the truss or its components. The user of this design shall be responsible for the safety of the truss and its components. The user shall be responsible for the safety of the truss and its components. The user shall be responsible for the safety of the truss and its components.
100: www.itscrafo.org

(120912F--Anderson Truss Co. Patel Residence -- Lot 1 Hills Of Windsor, ** - F31)

Top chord 4x2 SP_#1_12A
Bot chord 4x2 SP_#1_12A
Webs 4x2 SP_#3_12A

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

Truss must be installed as shown with top chord up.



Note: All Plates Are 3x4 Except As Shown.

PLT TYP. Wave

Design Crit: FBC2010Res/TPI-2007(STB)
FT/RT=12%(0%)/10(0)

Scale = .5" / Ft.

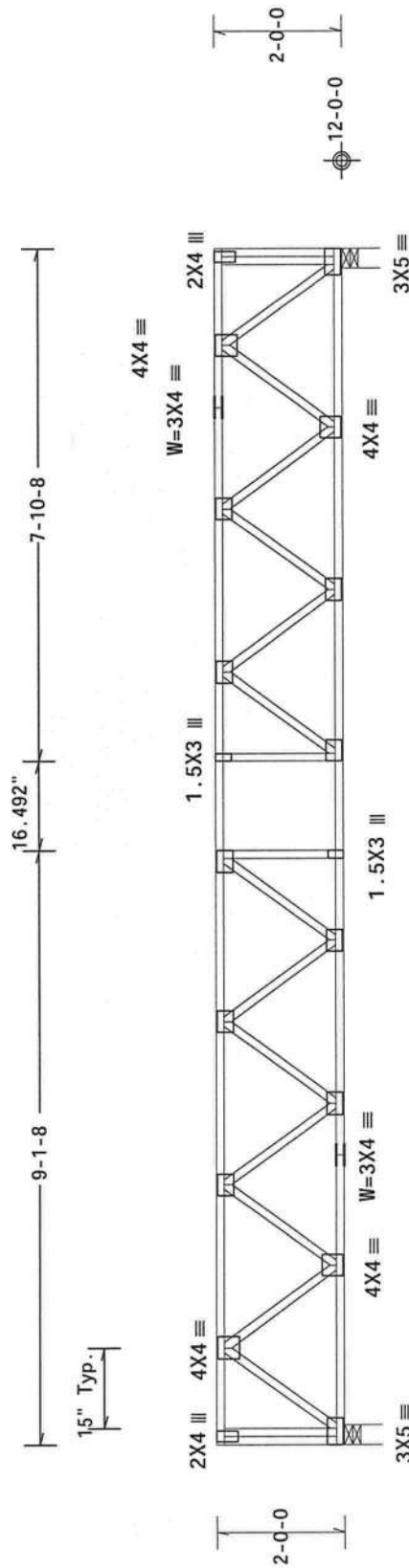
 ALPINE ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0 278	**IMPORTANT** **WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET! FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for details and 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 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-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-BGC: www.itwbcg.com; TPI: www.tpinet.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org  01/22/2013										TC LL	40.0 PSF	REF R9114- 81511
	TC DL	10.0 PSF	DATE 01/22/13										
	BC DL	5.0 PSF	DRW HCUSR9114 13022191										
	BC LL	0.0 PSF	HC-ENG WHK/WHK										
	TOT. LD.	55.0 PSF	SEQN- 97203										
	DUR. FAC.	1.00	FROM SDY										
SPACING	24.0"	JREF- 1UT39114Z03											

Top chord 4x2 SP_#1_12A
Bot chord 4x2 SP_#1_12A
Webs 4x2 SP_#3_12A

See detail STRRIBRO211 for bracing and bridging recommendations.
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead loads 1.50.

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

Truss must be installed as shown with top chord up.



18-4-8 Over 2 Supports

R=1011 W=3.613"

Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2010Res/TPI-2007(STB)

PLT TYP. Wave

Scale = .375"/Ft.

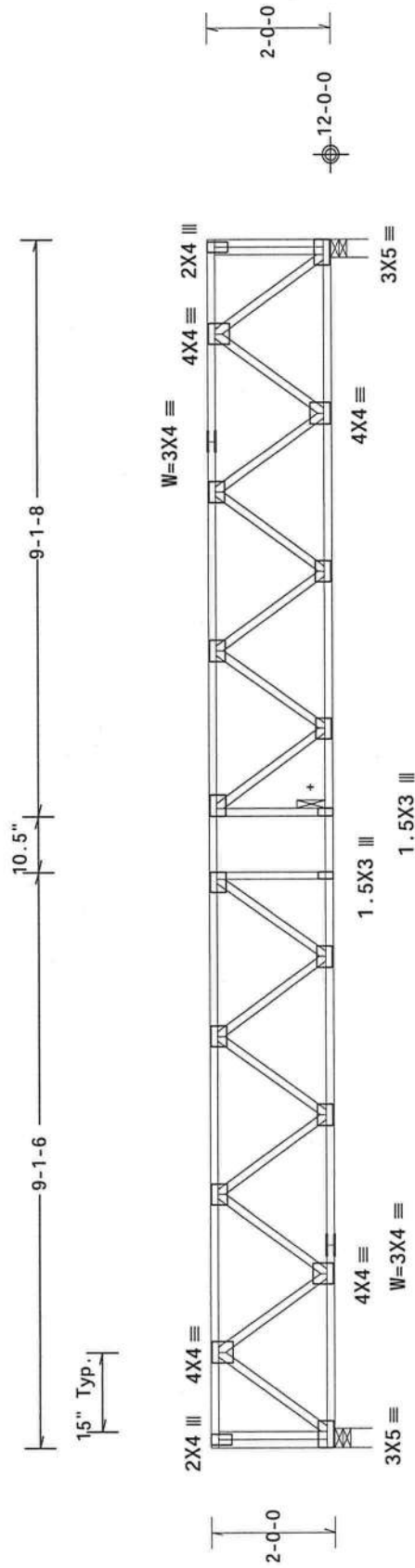
 ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0 278	**IMPORTANT** FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS. Trussess require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTC) for all details, unless noted otherwise. Refer to drawings 100K-2 for standard place positions. A seal on this drawing indicates that it was prepared by a Professional Engineer or Registered Architect. This job's responsibility solely for the design shown. The suitability and use of this information see: This Job's general notes page: ITW-BCSI; www.itwinc.com; TPI: www.tpinet.org; WTC: www.sbcindustry.com; ICC: www.iccsafe.org	**WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET!	01/22/2013 PROFESSIONAL ENGINEER FLORIDA STATE OF	REF R9114- 81513 DATE 01/22/13 DRW HCUSR9114 13022193 HC-ENG WHK/WHK SEQN- 97205 FROM SDY JREF- 1UT39114Z03
			TC LL 40.0 PSF TC DL 10.0 PSF BC DL 5.0 PSF BC LL 0.0 PSF TOT.LD. 55.0 PSF DUR.FAC. 1.00 SPACING 24.0"	

+ 2x6 continuous strongback. See detail STRBRIBRO211 for bracing and bridging recommendations.

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.

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



19-1-6 Over 2 Supports

R=1051 W=3.512"

Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2010Res/TPI -2007 (STU)

PLT TYP. Wave

Scale = .375"/Ft.

ALPINE

ITW Building Components Group Inc.

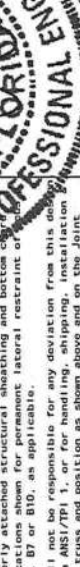
Haines City, FL 33844
FL COA #0 278

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

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Components Systems Inc.) Trussing Manual for details. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have 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 for complete details of all connections. ITWBCG shall not be responsible for the design shown. The suitability and use of this design for any structure is the responsibility solely for 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.abcdindustry.com; ICC: www.iccsafe.org



01/22/2013

TC LL	40.0 PSF	REF R9114- 81514
TC DL	10.0 PSF	DATE 01/22/13
BC DL	5.0 PSF	DRW HCUR9114 13022194
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT. LD.	55.0 PSF	SEQN- 97206
DUR. FAC.	1.00	FROM SDY
SPACING	24.0"	JREF- 1UT39114Z03

(120912F--Anderson Truss Co. Patel Residence -- Lot 1 Hills Of Windsor , ** - F35)

Top chord 4x2 SP #1_12A
Bot chord 4x2 SP #1_12A
Webs 4x2 SP #3_12A

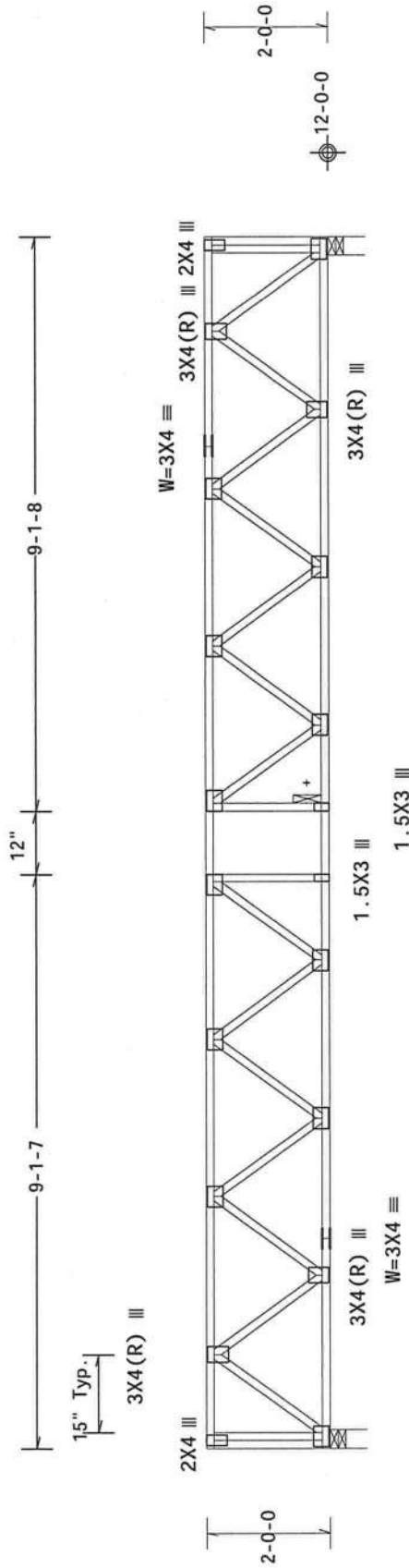
+ 2x6 continuous strongback. See detail STRBRIBR0211 for bracing and bridging recommendations.

Trusses to be spaced at 16.0" OC maximum.

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

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.



19-2-15 Over 2 Supports

R=706 W=3.5"

R=706 W=3.465"

Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2010Res/TPI-2007(STD)
FT/RT=12%(0%)/10(0)

PLT TYP. Wave

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

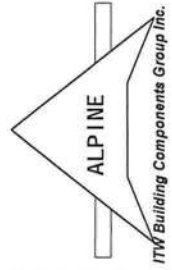
Scale = .375"/Ft.

IMPORTANT** READ AND FOLLOW ALL NOTES ON THIS SHEET

FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

Trusses require extreme care in fabrication, handling, shipping, installing and bracing. For to build trusses, the truss manufacturer must follow the BCS (Building Component Safety Information, by TPI and WTCA) for safe practices prior to performing these functions. Installers shall provide temporary bracing per BCS. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid collar. Locations shown for permanent lateral restraint and bracing shall have bracing installed per BCS sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design. 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, trusses shall be installed in accordance with the details 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.sbcindustry.com; ICC: www.iccsafe.org



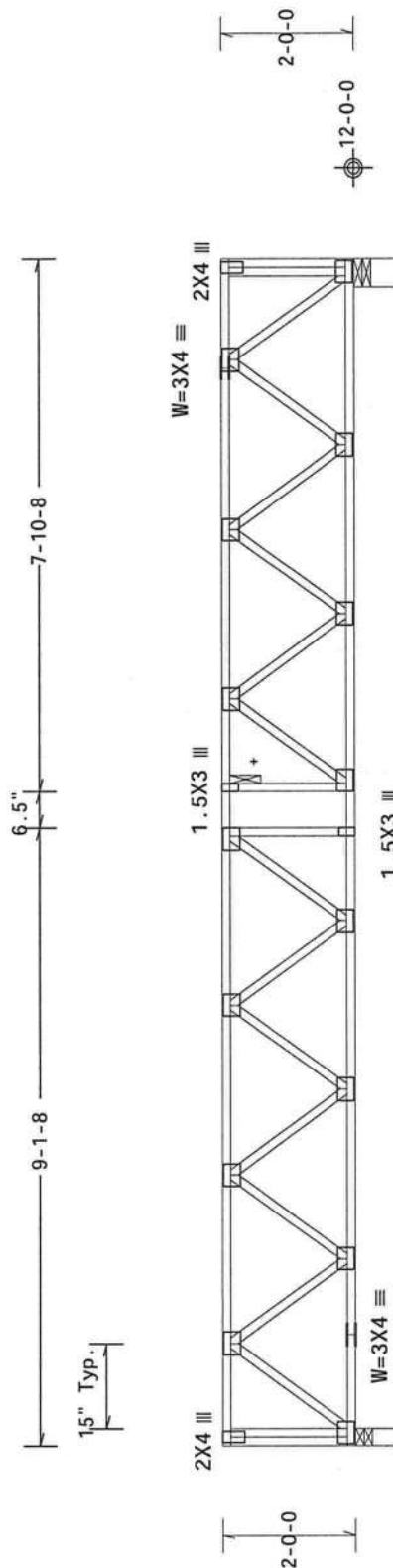
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TC DL	10.0 PSF	DATE	01/22/13
BC DL	5.0 PSF	DRW	HCUSR9114 13022195
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	55.0 PSF	SEQN-	97207
DUR.FAC.	1.00	FROM	SDY
SPACING	16.0"	JREF-	1UT39114Z03

Top chord	4x2 SP #1_12A	+ 2x6 continuous strongback. See detail STRBR BR0211 for bracing and bridging recommendations.
Bot chord	4x2 SP #1_12A	

Trusses to be spaced at 16.0" OC maximum.

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

Truss must be installed as shown with top chord up.



17-6-8 Over 2 Supports

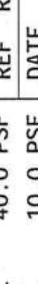
R=643 W=3"

Note: All Plates Are 3X4 Except As Shown.

PLT TYP	Wave	Design Crit:	FBC2010Res/TPI -2007 (ST
			FT/RT=12%(0%)/10(0)

PLT TYP. Wave

Scale = .375"/Ft.



ALPINE

ITW Building Components Group Inc.
 Haines City, FL 33844
 Tel. 888.444.2278

****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 following the latest edition of BCSI (Building Component Safety Information, by TPI and WITCA) for instructions prior to performing these functions. Trusses are designed for structural sheathing and bottom chord bracing. Trusses shall be installed in accordance with the manufacturer's instructions. 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 Building Designer per ANSI/TPI 1 Sec. 2. For more information see: This job's structural notes page, ITW-BCSI: www.itwbcg.com, www.dspint.org, WITCA: www.fabricindustry.com, ICF: www.icfusa.com

01/22/2013

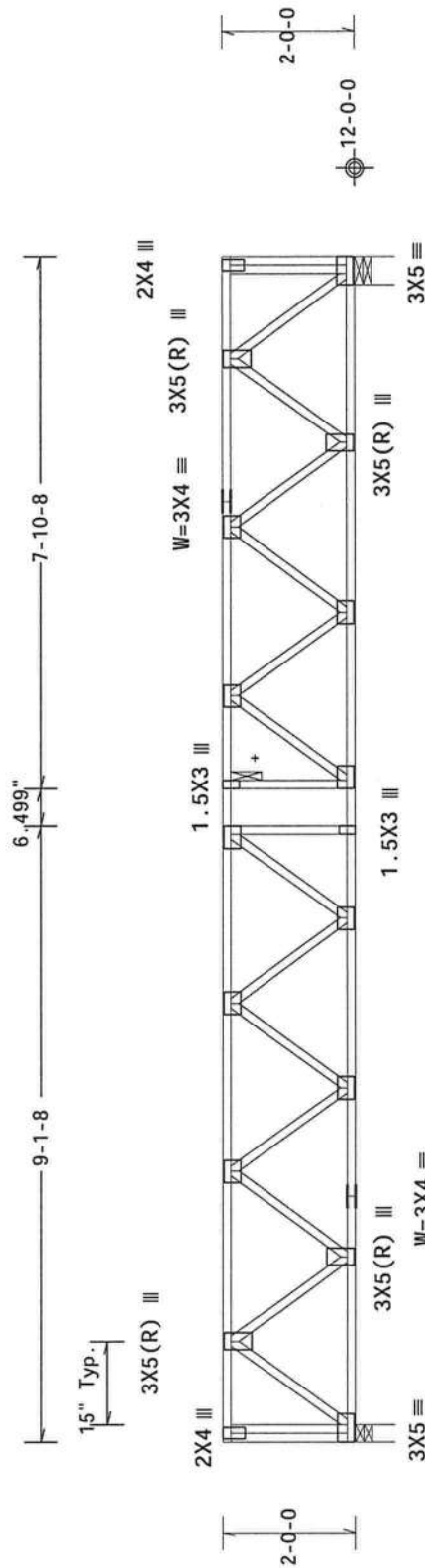
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TC DL	10.0	PSF	DATE	01/22/13
BC DL	5.0	PSF	DRW	HCUSR9114 13022196
BC LL	0.0	PSF	HC-ENG	WHK/WHK
TOT. LD.	55.0	PSF	SEQN-	97208
DUR. FAC.	1.00		FROM	SDY
SPACING	16.0"		JREF-	1UT39114Z03

+ 2x6 continuous strongback. See detail STRBRIBR0211 for bracing and bridging recommendations.

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.

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



17-6-8 Over 2 Supports

R=965 W=3"

Note: All Plates Are 3X4 Except As Shown.

PLT TYP. Wave

Scale = .375"/Ft.

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

★

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TC LL	40.0 F
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FS

REF

11

R9

177

4-

8

151

17

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extreme care in fabricating, handling, shipping, installing and bracing. For more information, contact the nearest TPI distributor. For a complete edition of BECS (Building Component Safety Information), by TPI and WITCA, contact TPI at (800) 368-7263. TPI's new product literature, including information on permanently attached structural sheathing and bracing, is available at www.tpiinc.com. For more information on the new permanently attached rigid ceiling, locations shown for permanent lateral restraint (permanently attached per BECS sections B3, B7 or B10, as applicable).

STATE OF FLORIDA
PROFESSIONAL ENGINEER
01/22/2013

TC DL	10.0 PSF
BC DL	5.0 PSF
BC LL	0.0 PSF
TOT.LD.	55.0 PSF
DUR.FAC.	1.00
SPACING	24.0"

[illegible]

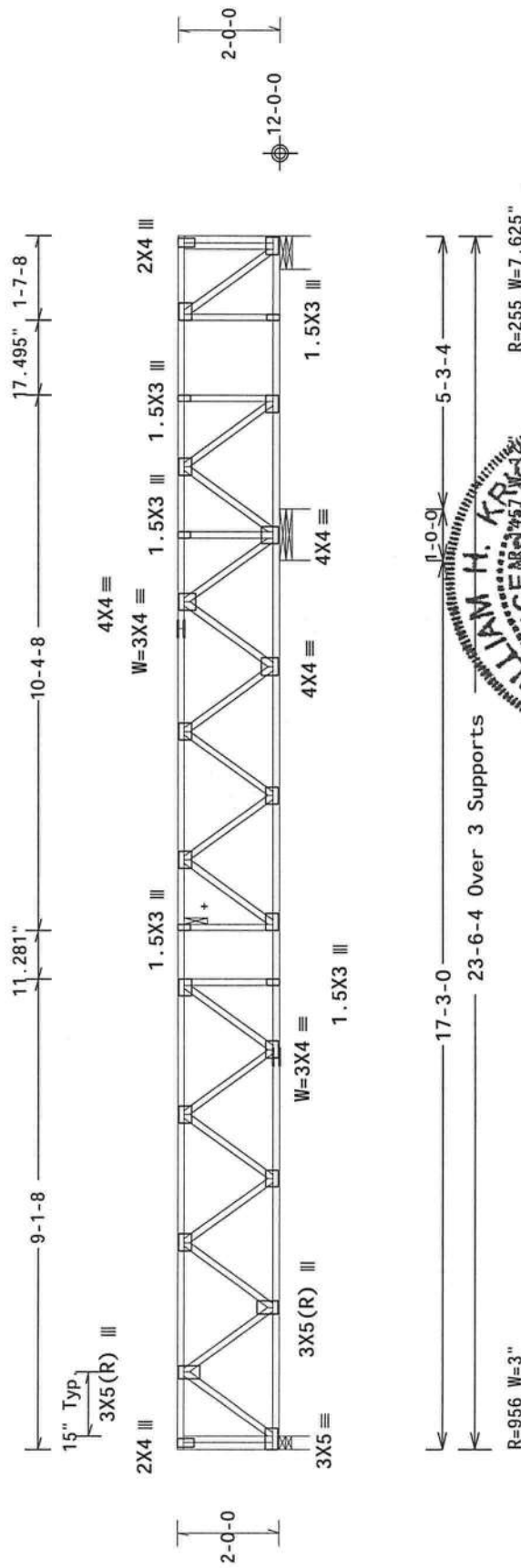
ALPINE

ITW Building Components Group Inc.
Haines City, FL 33844
Tel. CO. 409.278

Top chord 4x2 SP #1_12A
Bot chord 4x2 SP #1_12A
+ 2x6 continuous strongback. See detail STR8RIBR0211 for bracing and bridging recommendations.

Lumber grades designated with "12A" use design values approved

Truss must be installed as shown with top chord up.



Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2010Res/TPI-2007(STB)

PLT TYP. Wave

$$\text{Scale} = 3125''/\text{Ft}$$

WARNING	**IMPORTANT**	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 WIGA for more information. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of trusses shall have bracing installed per BCSI sections B3, B7 or B10, as applicable. ITW Building Components Group Inc. (ITWBGC) 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 is required for shop built drawing. Indication of professional engineering is required for all drawings. The responsibility of the Building Designer per ANSI/TPI 1 Sec. 2. For more information see: This Job's general notes page. ITW-BGCG: www.itwbcg.com; TPI: www.spinst.org; WIGA: www.sciindustry.com; ICC: www.iccsafe.org
		ALP I N E ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0 278
		STATE OF FLORIDA PROFESSIONAL ENGINEER 01/22/2013
TC LL	40.0 PSF	REF R9114- 81518
TC DL	10.0 PSF	DATE 01/22/13
BC DL	5.0 PSF	DRW HCUSR9114 13022198
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	55.0 PSF	SEQN- 97210
DUR.FAC.	1.00	FROM SDY
SPACING	24.0"	JREF- 1UT39114Z03

(120912F--Anderson Truss Co. Patel Residence -- Lot 1 Hills Of Windsor , ** - F39)

Top chord 4x2 SP #1_12A
Bot chord 4x2 SP #1_12A
Webs 4x2 SP #3_12A

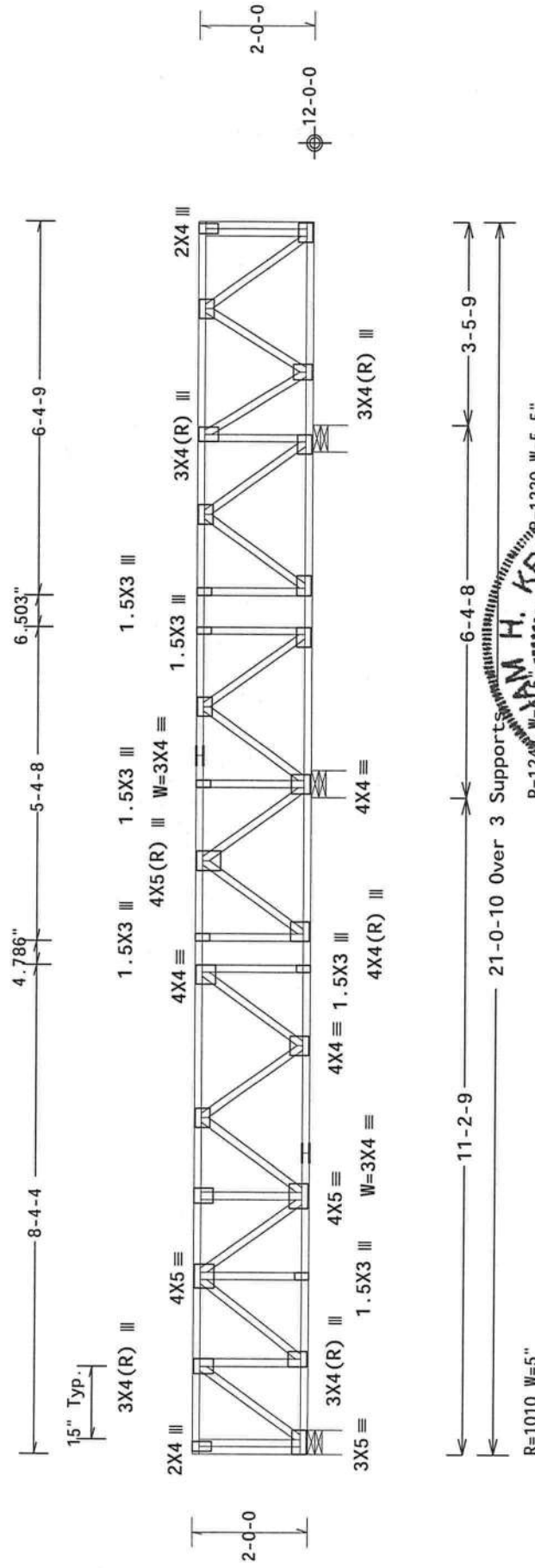
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

Special loads

----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 100 plf at 0.00 to 100 plf at 21.05
BC- From 10 plf at 0.00 to 10 plf at 21.05
TC- 738.00 lb Conc. Load at 4.42
TC- 330.00 lb Conc. Load at 21.05

See detail STRBRIBR0211 for bracing and bridging recommendations.
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.



Note: All Plates Are 3X4 Except As Shown.

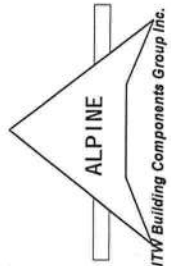
PLT TYP. Wave

Design Crit: FBC2010Res/TPI-2007(SFD)

FT/RT=12%(0%)/10(0)

Scale = .375"/Ft.

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TC DL	10.0 PSF	DATE	01/22/13
BC DL	5.0 PSF	DRW	HCUSR9114 13022199
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	55.0 PSF	SEQN-	97211
DUR.FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1UT39114Z03



ITW Building Components Group Inc.

Haines City, FL 33844
FL COA #0 278

(120912F--Anderson Truss Co. Patel Residence -- Lot 1 Hills Of Windsor , ** - F40)

Top chord 4x2 SP #1_12A
Bot chord 4x2 SP #1_12A
Webs 4x2 SP #3_12A

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

Special loads

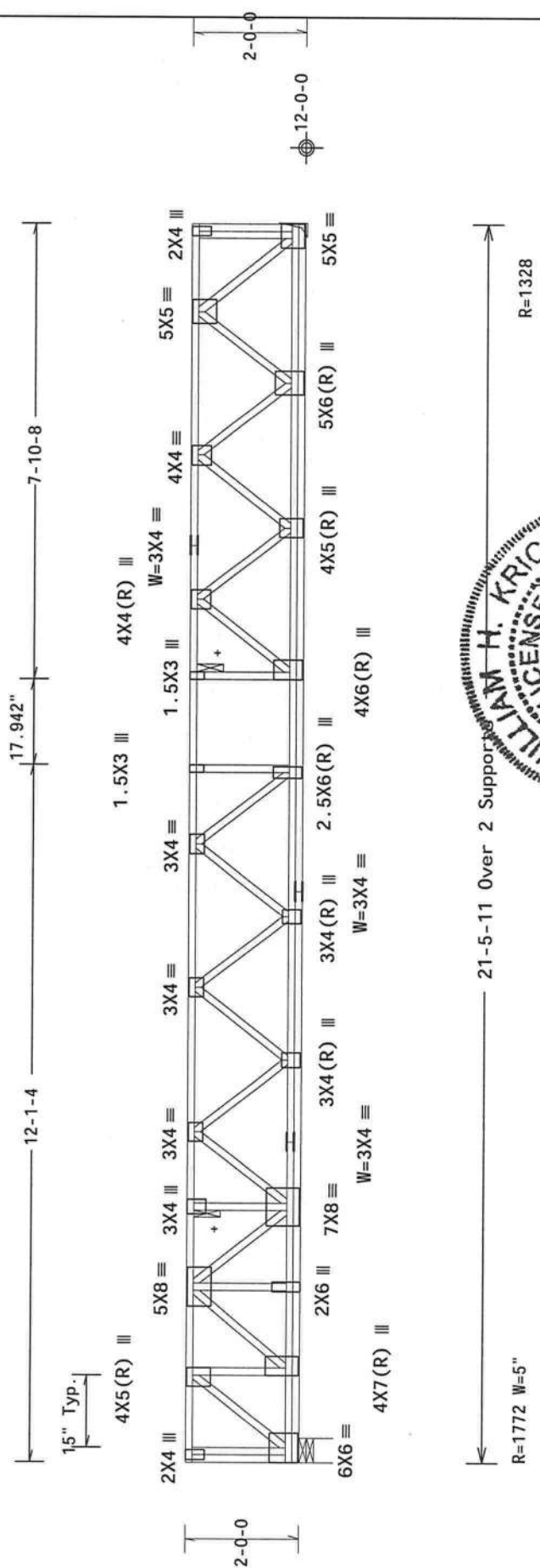
-----Lumber Dur.Fac.=1.00 / Plate Dur.Fac.=1.00)
TC- From 100 pif at 0.00 to 100 pif at 21.47
BC- From 10 pif at 0.00 to 10 pif at 21.47
TC- 738.00 lb Conc. Load at 4.42

+ 2x6 continuous strongback. See detail STRBRI0211 for bracing and bridging recommendations.

Max JT VERT DEFL: LL: 0.32" DL: 0.25" recommended camber 3/8"

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.



PLT TYP. Wave

Design Crit: FBC2010Res/TPI-2007(STG)
FT/RT=12%(0%)/10(0)

TC LL	40.0 PSF	REF	R9114- 81520
TC DL	10.0 PSF	DATE	01/22/13
BC DL	5.0 PSF	DRW	HCUSR9114 1302200
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	55.0 PSF	SEQN-	97212
DUR.FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1UT39114Z03

Scale = .375"/Ft.
FL/-5/-/-R/-
No. 70861
1d.03.11.0209.79
01/22/2013
01/22/2013

Design Crit: FBC2010Res/TPI-2007(STG)
FT/RT=12%(0%)/10(0)

Design Crit: FBC2010Res/TPI-2007(STG)
FT/RT=12%(0%)/10(0)

Design Crit: FBC2010Res/TPI-2007(STG)
FT/RT=12%(0%)/10(0)

Design Crit: FBC2010Res/TPI-2007(STG)
FT/RT=12%(0%)/10(0)

Design Crit: FBC2010Res/TPI-2007(STG)
FT/RT=12%(0%)/10(0)

Design Crit: FBC2010Res/TPI-2007(STG)
FT/RT=12%(0%)/10(0)

Design Crit: FBC2010Res/TPI-2007(STG)
FT/RT=12%(0%)/10(0)

Design Crit: FBC2010Res/TPI-2007(STG)
FT/RT=12%(0%)/10(0)

Design Crit: FBC2010Res/TPI-2007(STG)
FT/RT=12%(0%)/10(0)

Design Crit: FBC2010Res/TPI-2007(STG)
FT/RT=12%(0%)/10(0)

Design Crit: FBC2010Res/TPI-2007(STG)
FT/RT=12%(0%)/10(0)

Design Crit: FBC2010Res/TPI-2007(STG)
FT/RT=12%(0%)/10(0)

Design Crit: FBC2010Res/TPI-2007(STG)
FT/RT=12%(0%)/10(0)

Design Crit: FBC2010Res/TPI-2007(STG)
FT/RT=12%(0%)/10(0)

Design Crit: FBC2010Res/TPI-2007(STG)
FT/RT=12%(0%)/10(0)

Design Crit: FBC2010Res/TPI-2007(STG)
FT/RT=12%(0%)/10(0)

Design Crit: FBC2010Res/TPI-2007(STG)
FT/RT=12%(0%)/10(0)

Design Crit: FBC2010Res/TPI-2007(STG)
FT/RT=12%(0%)/10(0)

Design Crit: FBC2010Res/TPI-2007(STG)
FT/RT=12%(0%)/10(0)

Design Crit: FBC2010Res/TPI-2007(STG)
FT/RT=12%(0%)/10(0)

Design Crit: FBC2010Res/TPI-2007(STG)
FT/RT=12%(0%)/10(0)

Design Crit: FBC2010Res/TPI-2007(STG)
FT/RT=12%(0%)/10(0)

Design Crit: FBC2010Res/TPI-2007(STG)
FT/RT=12%(0%)/10(0)

Design Crit: FBC2010Res/TPI-2007(STG)
FT/RT=12%(0%)/10(0)

Design Crit: FBC2010Res/TPI-2007(STG)
FT/RT=12%(0%)/10(0)

Design Crit: FBC2010Res/TPI-2007(STG)
FT/RT=12%(0%)/10(0)

Design Crit: FBC2010Res/TPI-2007(STG)
FT/RT=12%(0%)/10(0)

Design Crit: FBC2010Res/TPI-2007(STG)
FT/RT=12%(0%)/10(0)

Design Crit: FBC2010Res/TPI-2007(STG)
FT/RT=12%(0%)/10(0)

Design Crit: FBC2010Res/TPI-2007(STG)
FT/RT=12%(0%)/10(0)

Design Crit: FBC2010Res/TPI-2007(STG)
FT/RT=12%(0%)/10(0)

Design Crit: FBC2010Res/TPI-2007(STG)
FT/RT=12%(0%)/10(0)

Design Crit: FBC2010Res/TPI-2007(STG)
FT/RT=12%(0%)/10(0)

Design Crit: FBC2010Res/TPI-2007(STG)
FT/RT=12%(0%)/10(0)

Design Crit: FBC2010Res/TPI-2007(STG)
FT/RT=12%(0%)/10(0)

Design Crit: FBC2010Res/TPI-2007(STG)
FT/RT=12%(0%)/10(0)

Design Crit: FBC2010Res/TPI-2007(STG)
FT/RT=12%(0%)/10(0)

Design Crit: FBC2010Res/TPI-2007(STG)
FT/RT=12%(0%)/10(0)

Design Crit: FBC2010Res/TPI-2007(STG)
FT/RT=12%(0%)/10(0)

Design Crit: FBC2010Res/TPI-2007(STG)
FT/RT=12%(0%)/10(0)

(120912F--Anderson Truss Co. Patel Residence -- Lot 1 Hills Of Windsor, ** - F41)

Top chord 4x2 SP #1 12A
Bot chord 4x2 SP #1 12A
Webs 4x2 SP #3 12A

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

Special loads

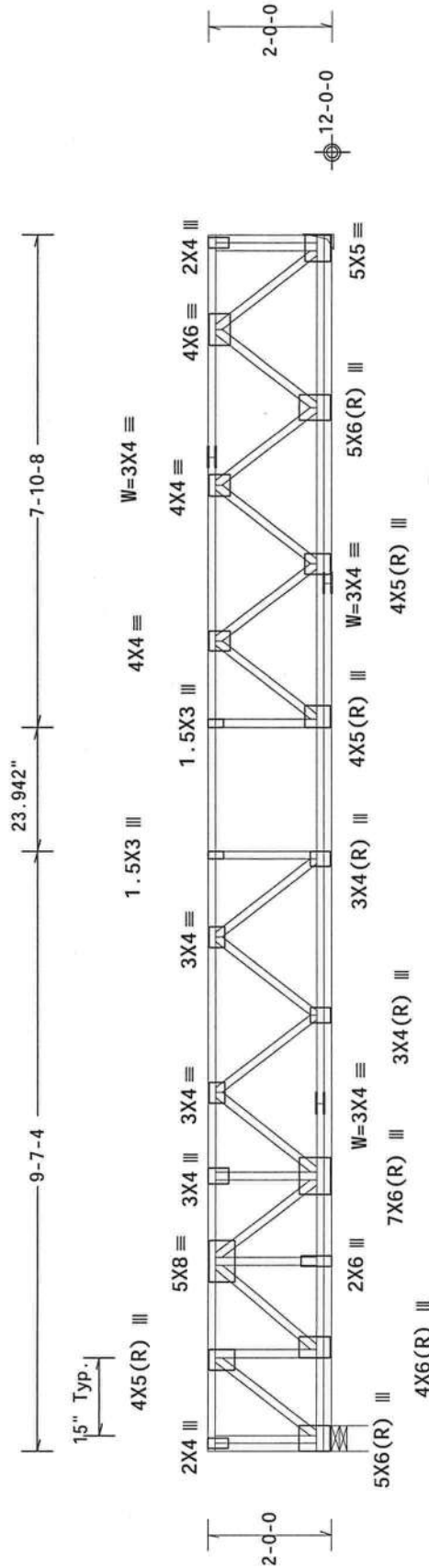
----- (Lumber Dur.Fac.=1.00 / Plate Dur.Fac.=1.00)
TC- From 100 plf at 0.00 to 100 plf at 19.47
BC- From 10 plf at 0.00 to 10 plf at 19.47
TC- 738.00 lb Conc. Load at 4.42

See detail STRBR1BR0211 for bracing and bridging recommendations.

Max JT VERT DEFL: LL: 0.26" DL: 0.27" recommended camber 3/8"

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.



PLT TYP. Wave R=1647 W=5" 19-5-11 Over 2 Supports R=1233

Design Crit: FBC2010Res/TPI-2007(STB)
FT/RT=12%(0%)/10(0)

Scale = .375"/Ft.

TC LL	40.0 PSF	REF	R9114- 81521
TC DL	10.0 PSF	DATE	01/22/13
BC DL	5.0 PSF	DRW	HCUSR9114 13022201
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	55.0 PSF	SEQN-	97213
DUR.FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1UT39114Z03



****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
****IMPORTANT**** Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTC) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Trusses shall have a properly attached rigid collar. 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, 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 professional engineer's seal and signature are required for general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; WTC: www.alcindustry.com; ICC: www.iccsafe.org

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

(120912F--Anderson Truss Co. Patel Residence -- Lot 1 Hills Of Windsor, ** - F42)

Top chord 4x2 SP #1_12A
Bot chord 4x2 SP #1_12A
Webs 4x2 SP #3_12A

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

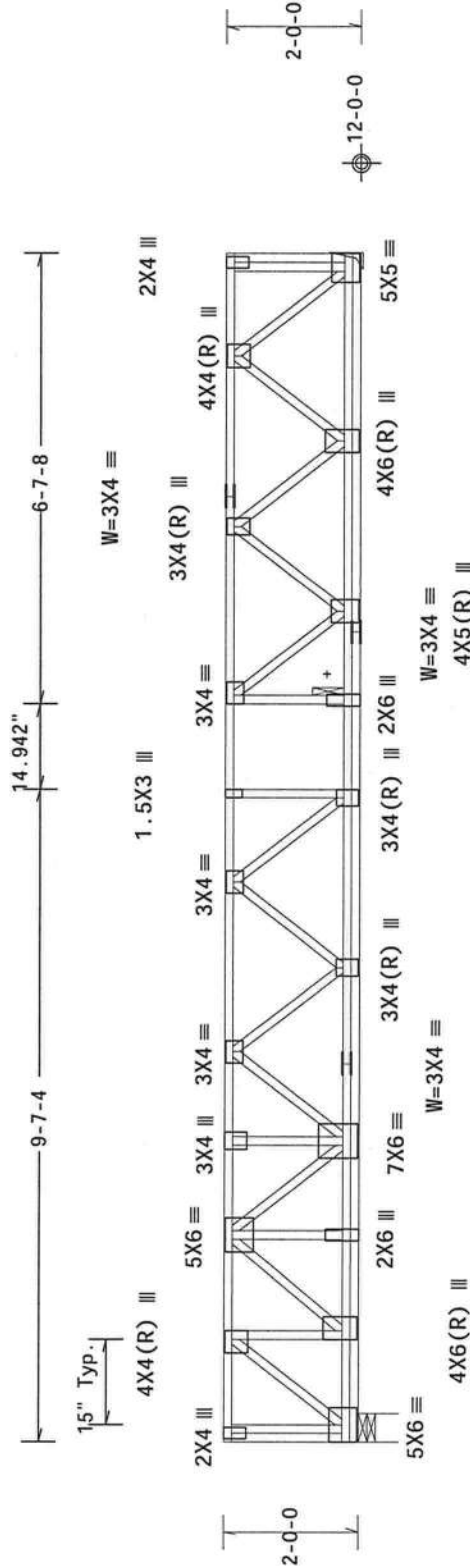
Special loads

----- (Lumber Dur.Fac.=1.00 / Plate Dur.Fac.=1.00)
TC- From 100 plf at 0.00 to 100 plf at 17.47
BC- From 10 plf at 0.00 to 10 plf at 17.47
TC- 738.00 lb Conc. Load at 4.42

+ 2x6 continuous strongback. See detail STRBRI0211 for bracing and bridging recommendations.

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.



17-5-11 Over 2 Supports

R=1518 W=5"

PLT TYP. Wave

Design Crit: FBC2010Res/TPI-2007(SB)

FT/RT=12%(0%)/10(0)

FL/-5/-/-R/-

Scale = .375"/Ft.

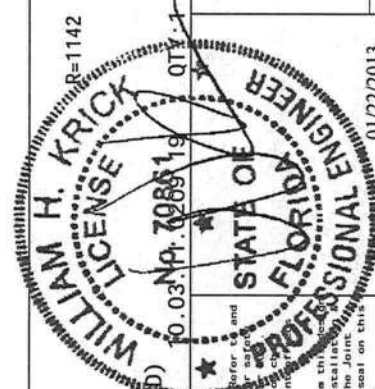
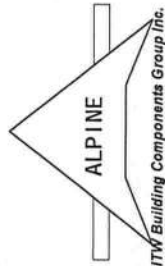
TC LL	40.0 PSF	REF	R9114- 81522
TC DL	10.0 PSF	DATE	01/22/13
BC DL	5.0 PSF	DRW	HCUSR9114 13022202
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	55.0 PSF	SEQN-	97214
DUR.FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1UT39114Z03

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET

FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for safety and bracing details. Trusses shall be braced in accordance with the BCSI details. Trusses shall have a properly attached rigid collar. 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 cover plate listing this drawing. Indicates acceptance of professional engineering or 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.alcnafe.org; ICC: www.iccnafe.org

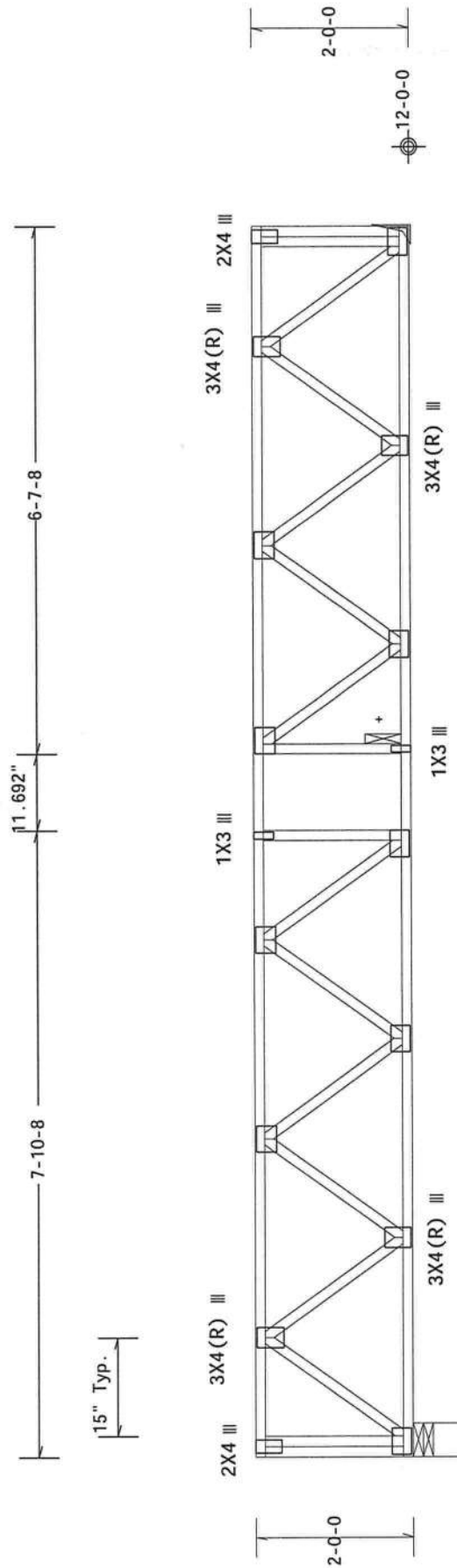


+ 2x6 continuous strongback. See detail STRBRI211 for bracing and bridging recommendations.

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.

Truss must be installed as shown with top chord up.



15-5-11 Over 2 Supports

R=851 W=5"

R=851

Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2010Res/TPI-2007(ST0
FT/RT=12%(0%)/10(0)

PLT TYP. Wave

Scale = .5"/Ft.

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

Trusses require extreme care in Fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information, by TPI and WICA) for recommended practices prior to performing these functions. Installers should be properly trained and experienced. 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.

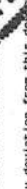
ITW Building Components Group Inc. (ITWBGS) shall not be responsible for any deviation from this design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation or bracing of trusses. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 100A-Z for standard plate positions. A seal on this drawing or cover page listing this drawing, indicates substitution of performance only. This 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-BCSI; www.itwbcg.com; TPI: www.tpinet.org; WICA: www.saciindustry.com; ICC: www.iccsafe.org

REF	R9114-	81523	TC LL	40.0	PSF
DATE	01/22/13		TC DL	10.0	PSF
DRW	HCUSR9114	13022203	BC DL	5.0	PSF
HC-ENG	WHK/WHK		BC LL	0.0	PSF
SEQN-	97215		TOT.LD.	55.0	PSF
FROM	SDY		DUR.FAC.	1.00	
JREF-	1UT39114Z03		SPACING	24.0"	



01/22/2013

ALPINE

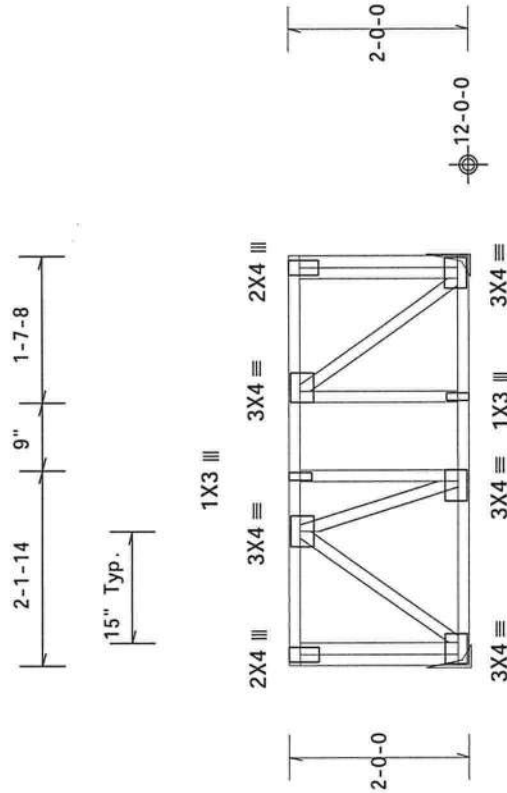


ITW Building Components Group Inc.
 Haines City, FL 33844
 FL COA #0 278

Top chord	4x2 SP #1.12A	Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.
Bot chord	4x2 SP #1.12A	

Webs 4x2 SP_#3_12A

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



← 4-6-6 Over 2 Supports →
R=249 R=249

PLT TYP. Wave

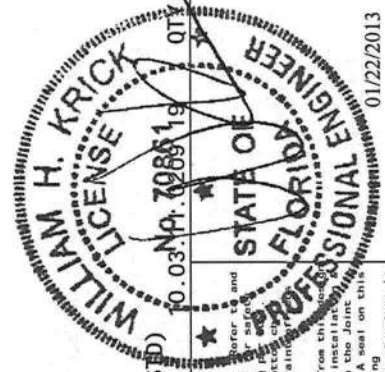
Design Crit: $\text{FBC2010Res}/\text{TPI}-2007(\text{STD})$
 $\text{FT}/\text{RT}=12\%(0\%)/10(0)$

.. IMPORTANT..

****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. Trusses shall be installed in accordance with the following: Trusses shall be installed to follow the latest edition of BCSP (Building Component Safety Information, by TPI and WCA) practices prior to performing those functions. Installers shall provide temporary bracing unless noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached r/gid 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 specification. The user of this specification shall be responsible 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 160d-2 for standard plate positions. A seal on this plate is required for all trusses. For more information on this specification, visit www.itwbcg.com. The responsibility of the Building Designer per ANSI/TPI 1 Sec. 2. For more information see: This job's responsibility solely for the design above. 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; GC: www.icsinfo.org



- FL/-5/-/-R/-		Scale = .5"/Ft.
TC LL	40.0 PSF	REF R9114- 81524
TC DL	10.0 PSF	DATE 01/22/13
BC DL	5.0 PSF	DRW HCUR9114 13022204
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	55.0 PSF	SEQN- 97216
DUR.FAC.	1.00	FROM SDY
SPACING	24.0"	JREF- 1UT39114Z03

(120912F--Anderson Truss Co. Patel Residence -- Lot 1 Hills Of Windsor , ** - F45)

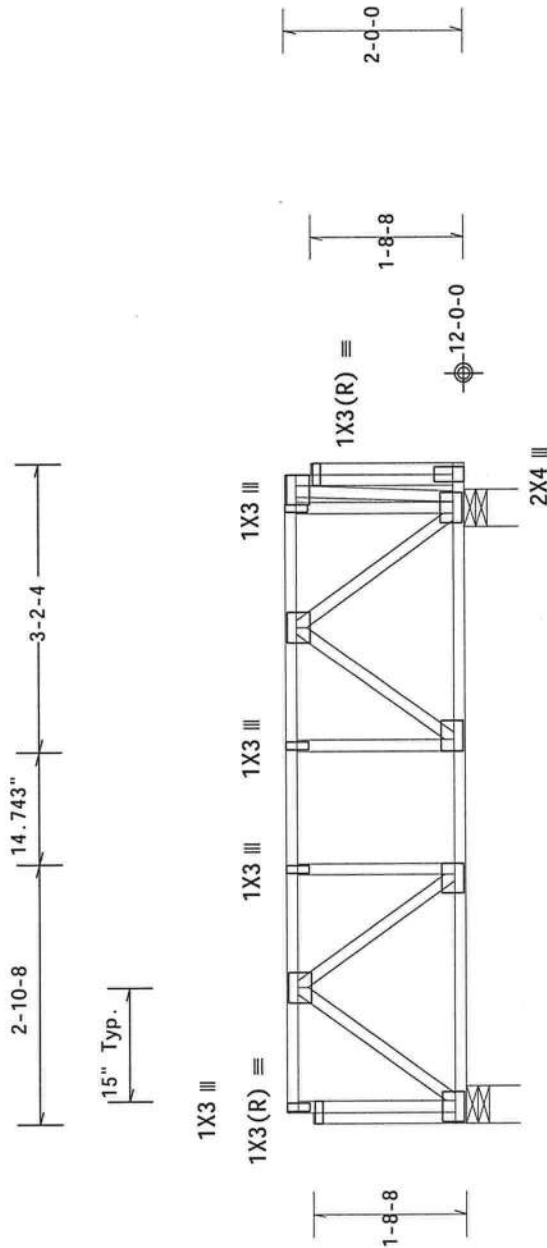
Top chord 4x2 SP_#1_12A
Bot chord 4x2 SP_#1_12A
Webs 4x2 SP_#3_12A

This truss spaced @ 24.0" OC supports additional concentrated load at right end from 12.00' stud wall (13.75 PSF) supporting 0-0-0 roof spans with 0-0-0 overhang. Roof load: 20.00 psf LL and 17.00 psf DL.

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

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.



01318

7-3-7 Over 2 Supports

R=355 W=5"

R=752 W=4.9"

Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2010Res/TPI-2007(SIP)
FT/RT=12%(0%)/10(0)

PLT TYP. Wave

Scale = 5"/Ft.

 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 and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WCA) for all 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 81, 87 or 810, 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 this design. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: general notes page. ITW-BG: www.itwbg.com, TPI: www.tpiinst.org, WCA: www.structure.org			
	IMPORTANT FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WCA) for all 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 81, 87 or 810, 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 this design. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: general notes page. ITW-BG: www.itwbg.com, TPI: www.tpiinst.org, WCA: www.structure.org			
	01/22/2013			
	FLORIDA PROFESSIONAL ENGINEER STATE OF FLORIDA No. 70861 10.03.19.09.19			
	WILLIAM H. KRICK LICENSE			
REF R9114- 81525		TC LL 40.0 PSF		FL/-5/-/-R/-
DATE 01/21/13		TC DL 10.0 PSF		
DRW HCUSR9114 13021239		BC DL 5.0 PSF		
HC-ENG JB/AP		BC LL 0.0 PSF		
SEQN- 46816		TOT.LD. 55.0 PSF		
FROM SDY		DUR.FAC. 1.00		
JREF- 1UT39114Z03		SPACING 24.0"		

(120912F--Anderson Truss Co. Patel Residence -- Lot 1 Hills Of Windsor , ** - F46)

Top chord 4x2 SP_#1_12A
Bot chord 4x2 SP_#1_12A
Webs 4x2 SP_#3_12A

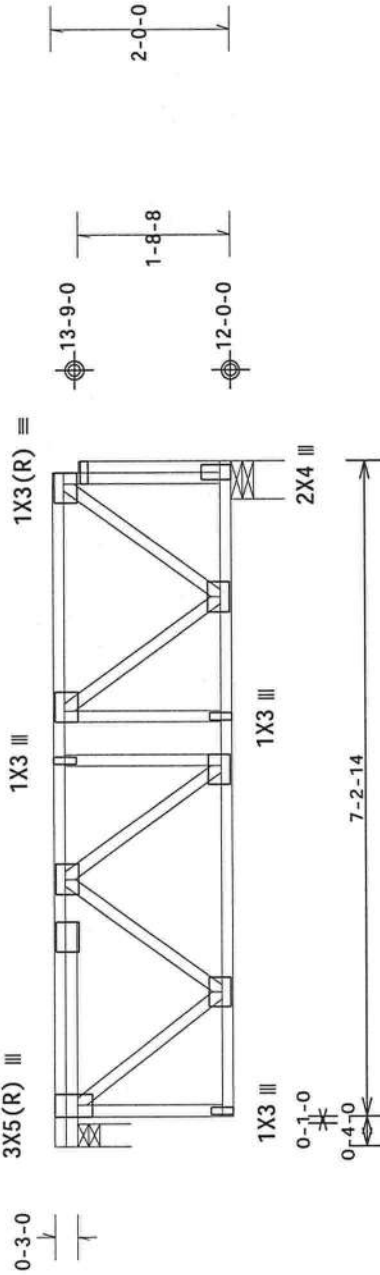
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

Truss must be installed as shown with top chord up.

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



15" Typ.



7-6-14 Over 2 Supports

R=406 W=3"

R=411

Note: All Plates Are 3X4 Except As Shown.

PLT TYP. Wave

Design Crit: FBC2010Res/TPI-2007(S13)
FT/RT=12%(0%)/10(0)

Scale = .5" / Ft.

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

TC LL	40.0 PSF	REF	R9114- 81526
TC DL	10.0 PSF	DATE	01/21/13
BC DL	5.0 PSF	DRW	HCUSR9114 13021246
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT. LD.	55.0 PSF	SEQN-	46817
DUR. FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1UT39114Z03

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

WILLIAM H. KRICK
LICENSE
No. 70861
10.03.11-09.19
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
01/22/2013

****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. For to and from the truss, the truss must be handled with care. Trusses and bracing shall be installed in accordance with the latest edition of BCSI (Building Component Safety Information, by TPI and WCA) and shall follow the practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint shall have bracing installed per BCSI sections B5, 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 this design. The responsibility for the design and construction of the truss and its installation shall rest with the contractor. 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-BGC: www.itwbcg.com, TPI: www.tpi.net.org, WCA: www.alcindustry.com; IBC: www.international.org

(120912F--Anderson Truss Co. Patel Residence -- Lot 1 Hills Of Windsor , ** - F4B)

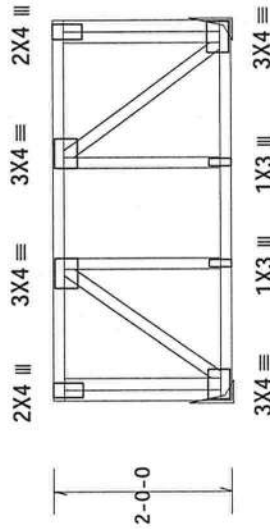
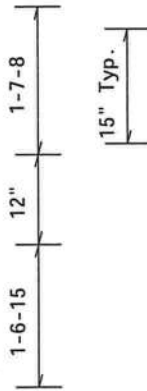
Top chord 4x2 SP_#1_12A
Bot chord 4x2 SP_#1_12A
Webs 4x2 SP_#3_12A

(H1) = (J) Hanger not calculated (1)4x2 SP_#1_12A supporting member.

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.

Truss must be installed as shown with top chord up.



← 4-2-7 Over 2 Supports →

R=231
H=H1

Design Crit: FBC2010Res/TPI-2007(STB)
FT/RT=12%(0%)/10(0)

PLT TYP. Wave

ALPINE

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

IMPORTANT FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information, by TPI and WTC) for best practices prior to performing these functions. Installers shall provide temporary bracing per details noted otherwise. Top chord shall have properly attached structure sheathing and blocking. 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 other design or specification. All trusses shall be installed 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-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 and not the responsibility of ITWBCG. This job's ICC: www.iccinfo.org ITWBCG: www.itwbcg.com TPI: www.tpi.net.org WTC: www.abindustry.com



Scale = 5"/Ft.

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

TC LL	40.0 PSF	REF	R9114- 81528
TC DL	10.0 PSF	DATE	01/21/13
BC DL	5.0 PSF	DRW	HCUSR9114 13021241
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	55.0 PSF	SEQN-	46818
DUR.FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1UT39114Z03

(120912F--Anderson Truss Co. Patel Residence -- Lot 1 Hills Of Windsor , ** - F49)

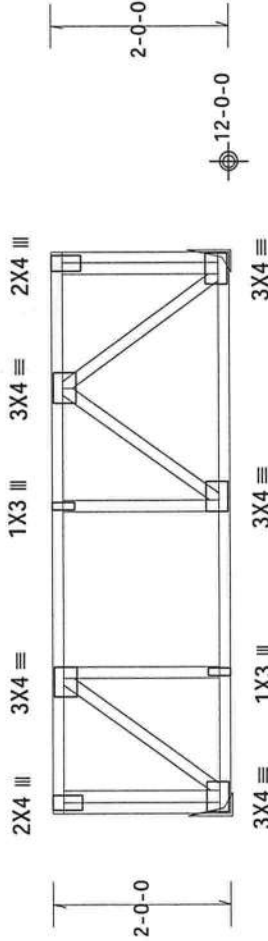
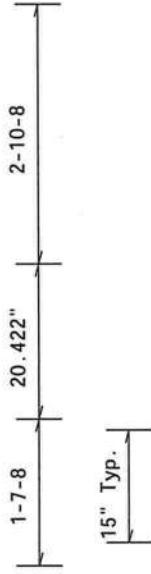
Top chord 4x2 SP_#1_12A
Bot chord 4x2 SP_#1_12A
Webs 4x2 SP_#3_12A

(H1) = (J) Hanger not calculated (1)4x2 SP_#1_12A supporting member.

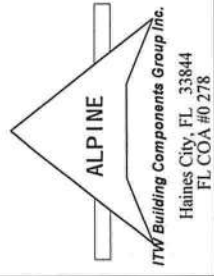
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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

Truss must be installed as shown with top chord up.



PLT TYP. Wave



Design Crit: FBC2010Res/TPI-2007(STB)
FT/RT=12%(0%)/10(0)

****IMPORTANT**** FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to end of drawing for details and instructions. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and WGA) 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 rafter brace. All trusses shall be braced laterally and torsionally. 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 for any damage to property or injury to persons resulting from handling, shipping, installation or use of trusses. Apply plates to each face of trusses 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 ICC: www.iccsafe.org; TPI: www.tpiinc.com; WGA: www.wgacorp.com

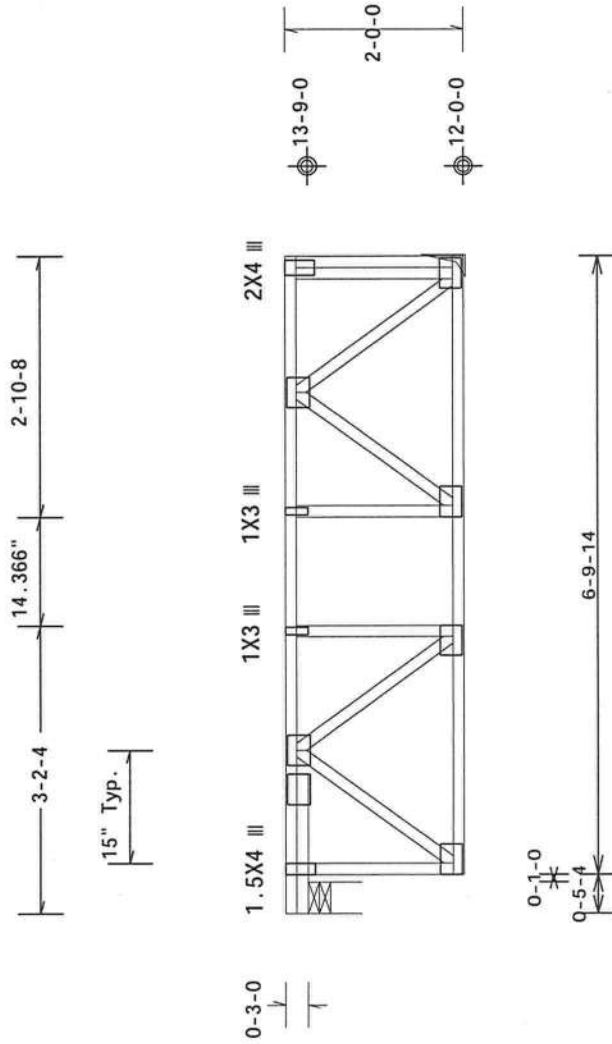


TC LL	40.0 PSF	FL/-5/-/-/R/-	Scale = .5"/Ft.
TC DL	10.0 PSF	REF	R9114- 81529
BC DL	5.0 PSF	DATE	01/21/13
BC LL	0.0 PSF	DRW	HCUSR9114 13021243
TOT.LD.	55.0 PSF	HC-ENG	JB/AP
DUR.FAC.	1.00	SEQN-	46819
SPACING	24.0"	FROM	SDY
		JREF-	1UT39114Z03

Top chord 4x2 SP #1_12A	Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.
Bot chord 4x2 SP #1_12A	

Truss must be installed as shown with top chord up.

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



R=401
H=H1

R=394 W=4.243"

WILLIAM H. KRICK
LICENSE
No. 70861
10/03/19 0209.19
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2010Res/TPI-2007(S

PLT TYP: Wave

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

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

TC LL	40.0	PSF	REF	R9114- 81530
TC DL	10.0	PSF	DATE	01/21/13
BC DL	5.0	PSF	DRW	HCUSR9114 13021240
BC LL	0.0	PSF	HC-ENG	JB/AP
TOT.LD.	55.0	PSF	SEQN-	46820
DUR.FAC.	1.00		FROM	SDY
SPACING	24.0"		JREF-	1UT39114Z03

ALPINE

ITW Building Components Group Inc.

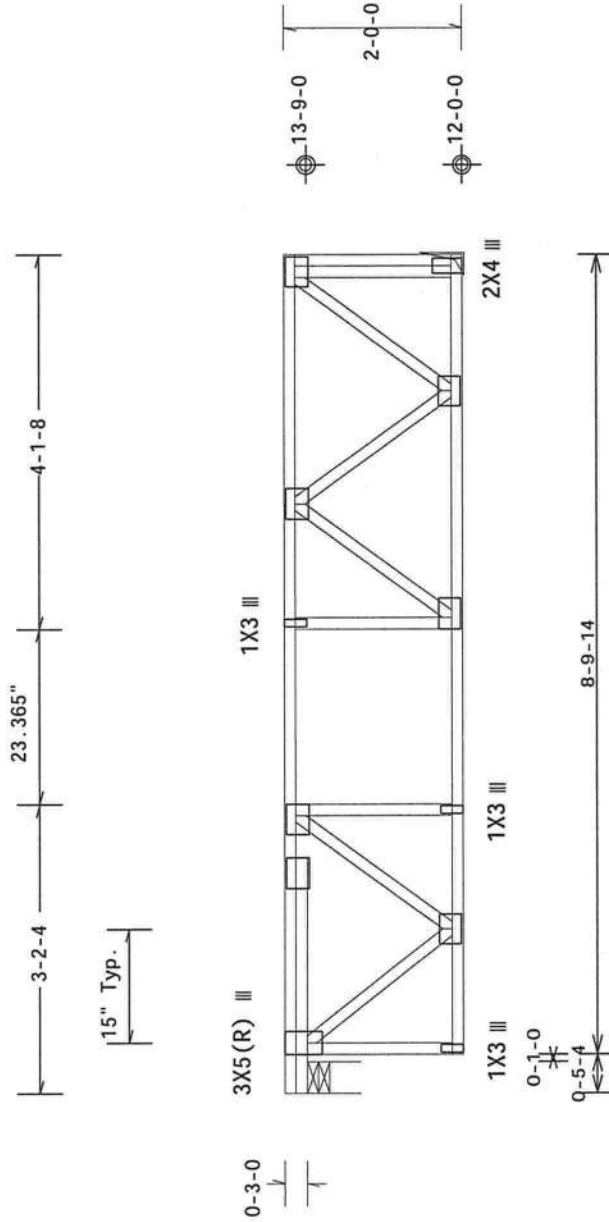
Haines City, FL 33844

FL CỎA #0 278

Top chord 4x2 SP #1_12A	Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.
Bot chord 4x2 SP #1_12A	

Truss must be installed as shown with top chord up.

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



R=504 W=4.243"

Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2010Res/TPI-2007(STD
FT/RT=12%(0%)/10(0)

PLT TYP. Wave

Design C/Pit: FBC200/RTS/PI-200/ST/100
FT/RT=12%(0%)/10(0)

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

****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. Review the following information and follow the latest edition of BCSI (Building Component Safety Information) by TPI and WIGA for details on proper erection and bracing of trusses. Trusses shall have a properly attached structural sheathing and bottom chord bracing. The top chord shall have properly attached bracing. Locations shown for permanent lateral restraint of trusses shall have bracing installed per BCSI sections 83, 87 or 810, as applicable.

LTR Building Components Group Inc. (TWB0C2) shall not be responsible for any deviation from this drawing or any failure to build the truss in accordance 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 T60A-2 for standard positions. A seal on this drawing indicates acceptance of professional engineering responsibility by the building designer. The structure is designed in accordance with the Building Designer's job, ANSI/TPI 1 Sec. 2. For more information see: This Job's general notes page; TPI-B0C; www.ltwbc.com; TPI : www.tpinet.org; WTCA : www.sbcindustry.com; www.tccsa.org

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

FL/-/5/-/-/R/-		Scale = .5"/Ft.
TC LL	40.0 PSF	REF R9114- 81531
TC DL	10.0 PSF	DATE 01/21/13
BC DL	5.0 PSF	DRW HCUSR9114 13021242
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	55.0 PSF	SEQN- 46821
DUR.FAC.	1.00	FROM SDY
SPACING	24.0"	JREF- 1UT39114Z03

(120912F--Anderson Truss Co. Patei Residence -- Lot 1 Hills Of Windsor , ** - F52)

See detail STRBRI BRO211 for bracing and bridging recommendations.

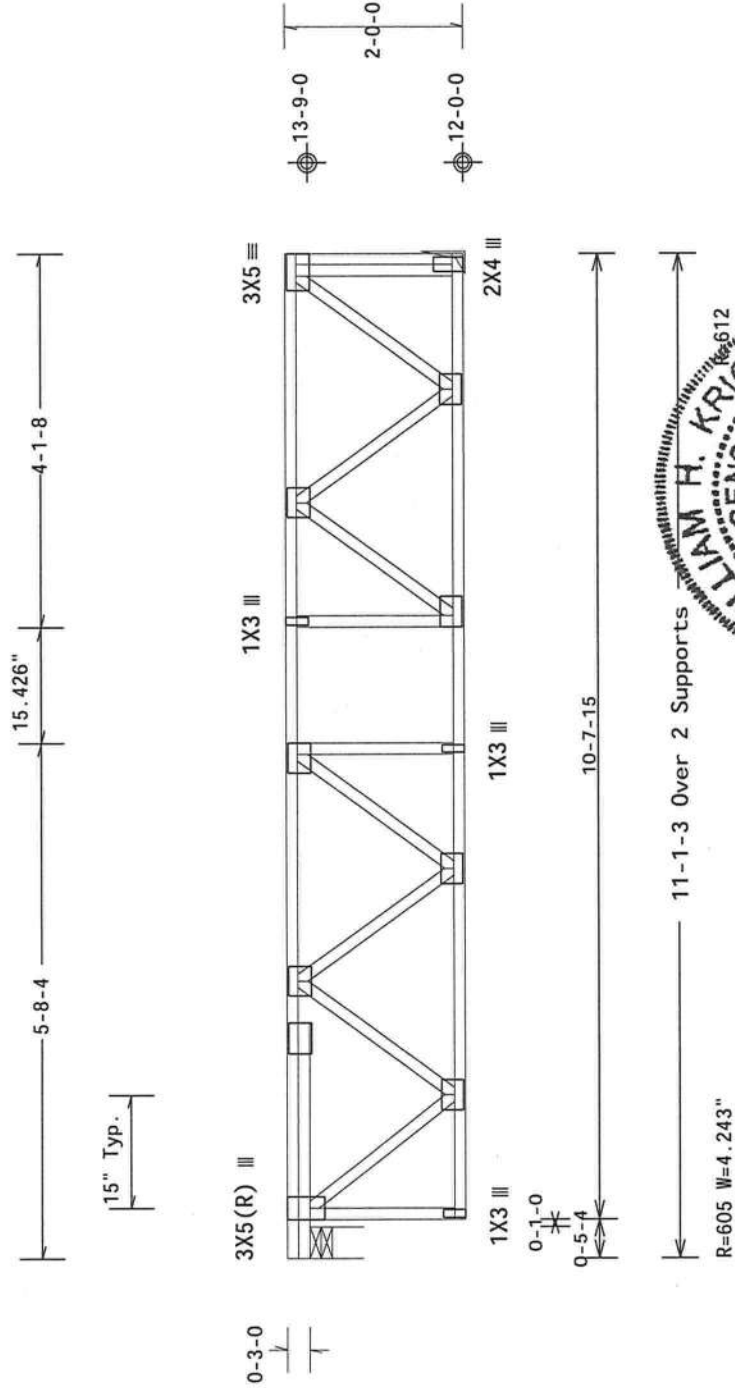
Top chord 4x2 SP_#1_12A
Bot chord 4x2 SP_#1_12A
Webs 4x2 SP_#3_12A

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

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

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.



Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2010Res/TPI-2007(S19) FT/RT=12%(0%)/10(0)

PLT TYP. Wave

Scale = .5"/Ft.

TC LL	40.0 PSF	REF	R9114- 81532
TC DL	10.0 PSF	DATE	01/21/13
BC DL	5.0 PSF	DRW	HCUSR9114 13021247
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	55.0 PSF	SEQN-	46822
DUR.FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1UT39114Z03



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

See detail STRBRIBR0211 for bracing and bridging recommendations.

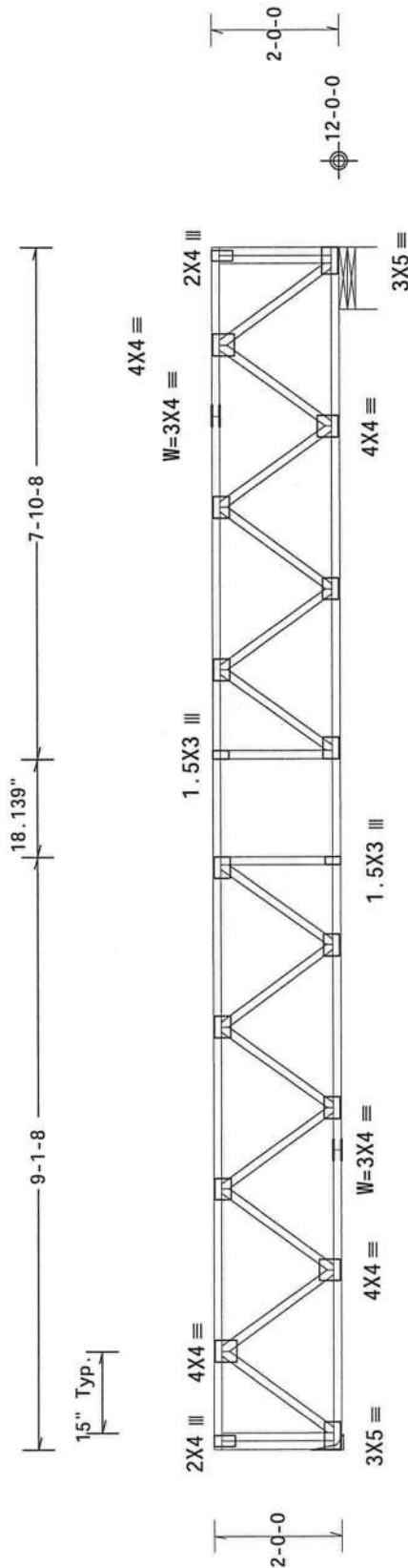
Top chord 4x2 SP_#1_12A
Bot chord 4x2 SP_#1_12A
Webs 4x2 SP_#3_12A

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

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

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.



18-6-2 Over 2 Supports

R=1018
H=H1

Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2010Res/TP|-2007(Std)

PLT TYP. Wave

Scale = .375"/Ft.

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

IMPORTANT: FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. To follow the latest edition of BCIS (Building Component Safety Information, by TPI and WITCA) practices prior to performing these functions. Installers shall provide temporary bracing per drawings and specifications. Trusses noted otherwise, top chord shall have properly attached structural members as shown for stability. Trusses shall be installed per BCIS sections B3, B7 or B10, as applicable. Shall have bracing installed per BCIS sections B3, B7 or B10, as applicable.

TPB Building Components Group Inc. (TPBG) shall not be responsible for any deviation from this drawing. The design engineer shall be responsible for the design of the structure, including the bracing of columns. 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 Design Manual, Appendix A, Section 1.1.1. For more information see: TPB Building Components Group Inc. (TPBG); www.tpbgroup.com; TPI; www.tpi.net; WFA; www.wfa.com; EC; www.ec.com; JES; www.jes.com

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

01/22/2013

01/22/2013

TC LL	40.0 PSF
TC DL	10.0 PSF
BC DL	5.0 PSF
BC LL	0.0 PSF
TOT. LD.	55.0 PSF
DUR. FAC.	1.00
SPACING	24.0"

FROM SDY

JREF- 1UT39114Z03

(120912F--Anderson Truss Co. Patel Residence -- Lot 1 Hills Of Windsor , ** - F54)

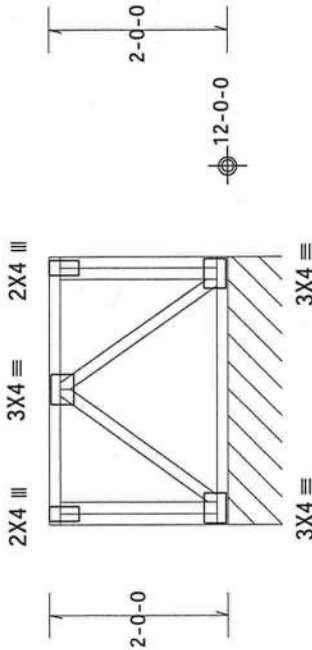
Top chord 4x2 SP_#1_12A
Bot chord 4x2 SP_#1_12A
Webs 4x2 SP_#3_12A

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.

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

15" Typ.



2-11-8 Over Continuous Support

R=110 PLF W=2-11-8

PLT TYP. Wave

Design Crit: FBC2010Res/TPI-2007(STP)

FT/RT=12%(0%)/10(0)

10.03.11.0809.19

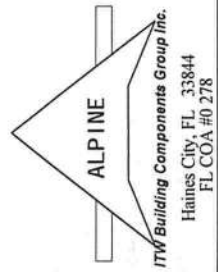
FL/-/5/-/-/R/-

Scale = 5"/Ft.

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TC DL	10.0 PSF	DATE	01/21/13
BC DL	5.0 PSF	DRW	HCUSR9114 13021248
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	55.0 PSF	SEQN-	46824
DUR.FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1UT39114Z03



****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) recommendations for bracing. Trusses shall be braced in accordance with the BCSI recommendations. 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 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 by 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.iccnate.org



(120912F--Anderson Truss Co. Patel Residence -- Lot 1 Hills Of Windsor , ** - F55)

Top chord 4x2 SP_#1_12A
Bot chord 4x2 SP_#1_12A
Webs 4x2 SP_#3_12A

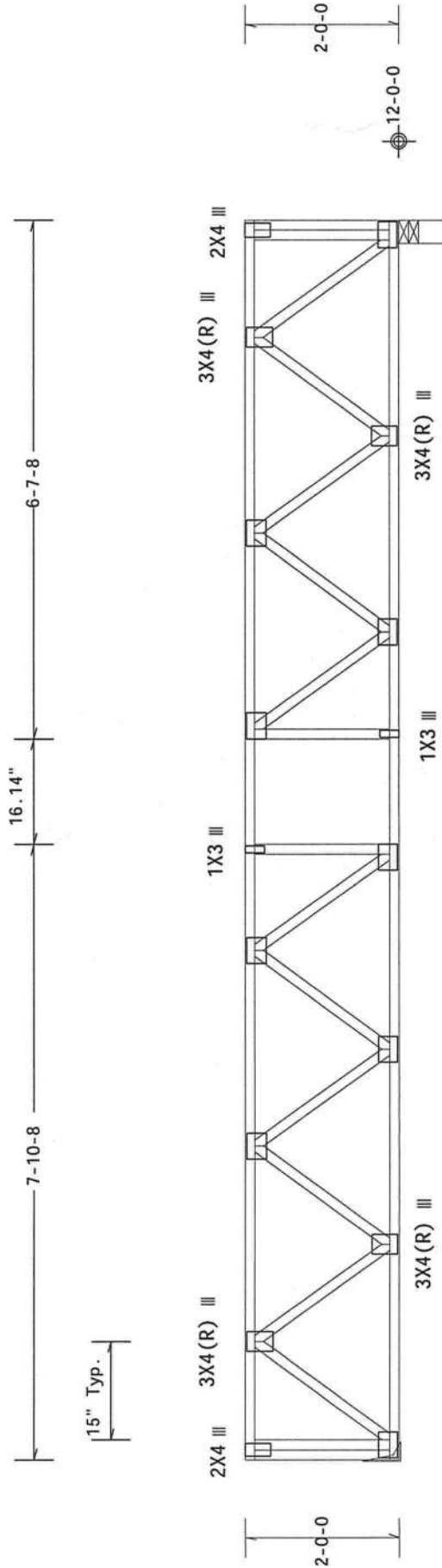
See detail STRBRIBR0211 for bracing and bridging recommendations.

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

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

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.



15-10-2 Over 2 Supports R=871 W=3.5"

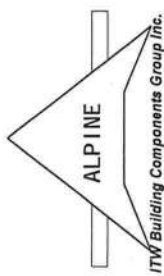
R=871
H=H1

Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2010Res/TPI-2007(STB)
FT/RT=12%(0%)/10(0)

PLT TYP. Wave

Scale = .5"/Ft.

 ALPINE Haines City, FL 33844 FL COA #0 278	**WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for any practices prior to performing these functions. Installers shall provide temporary bracing per BCSI requirements. Trusses shall be properly braced and secured to prevent lateral movement. Trusses shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint. Trusses shall have bracing installed per BCSI sections 83, 87 or 810, as applicable. ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design for 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 design shown. The responsibility and use of this design for any structure is the responsibility of the user. This design is not to be used for any other structure. This J60's general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpi.net.org; WTCA: www.alcnafe.org ICC: www.icc-afe.org		TC LL	40.0 PSF	REF	R9114- 81535
			TC DL	10.0 PSF	DATE	01/21/13
			BC DL	5.0 PSF	DRW	HCUSR9114 13021245
			BC LL	0.0 PSF	HC-ENG	JB/AP
			TOT.LD.	55.0 PSF	SEQN-	46825
			DUR.FAC.	1.00	FROM	SDY
		SPACING	24.0"	JREF-	1UT39114Z03	

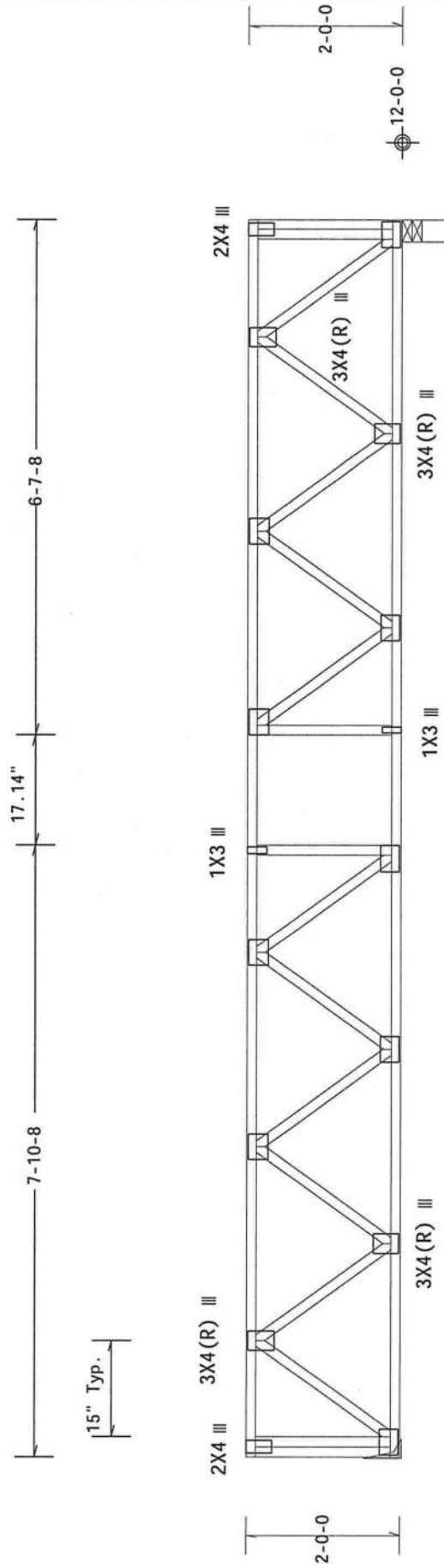


See detail STRBRIBR0211 for bracing and bridging recommendations.

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.

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



R=876 W=3.375"

15-11-2 Over 2 Support

R=876
H=H1

Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2010Res/TPI-2007(Std)

PLT TYP. Wave

Scale = .5"/Ft.

TC LL	40.0 PSF	REF R9114- 81536
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TC DL	10.0 PSF	DATE	01/21/13
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BC DI	5 0 PSE	DRW	HCIISB9114	13021226
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BC DE	0.0 PSE	DKW 1003K5114
BC 11	0.0 PSE	HC-ENG IB/AD

DC LL	0.0 FSI	11C-LNG JD/AF
TOT ID	EE 0 DSE	CEAN

101.LV:	33.0 F3F	SEQN=	4
END PAGE	1	FROM	CRM

DUR.	FAC.	1.00	FROM	SDY

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

FOR MORE INFORMATION, CONTACT THE NATIONAL ARCHIVES AT 866-NATIONAL-ARCHIVES

Installers shall have bracing installed per BCS sections B01 through B06 and B08. Installers shall follow the latest edition of BCS (Building Component Safety Information, by TPI and WCTA) practices prior to performing these functions. Installers shall provide temporary bracing post-tensioning cables as required. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid collar. Locations shown for permanent lateral constraint shall have bracing installed per BCS sections B03, B04, B05 and B07.

[illegible]

ITW Building Components Group Inc.

Tallahassee, FL 32304-3384

FL. COA #0278

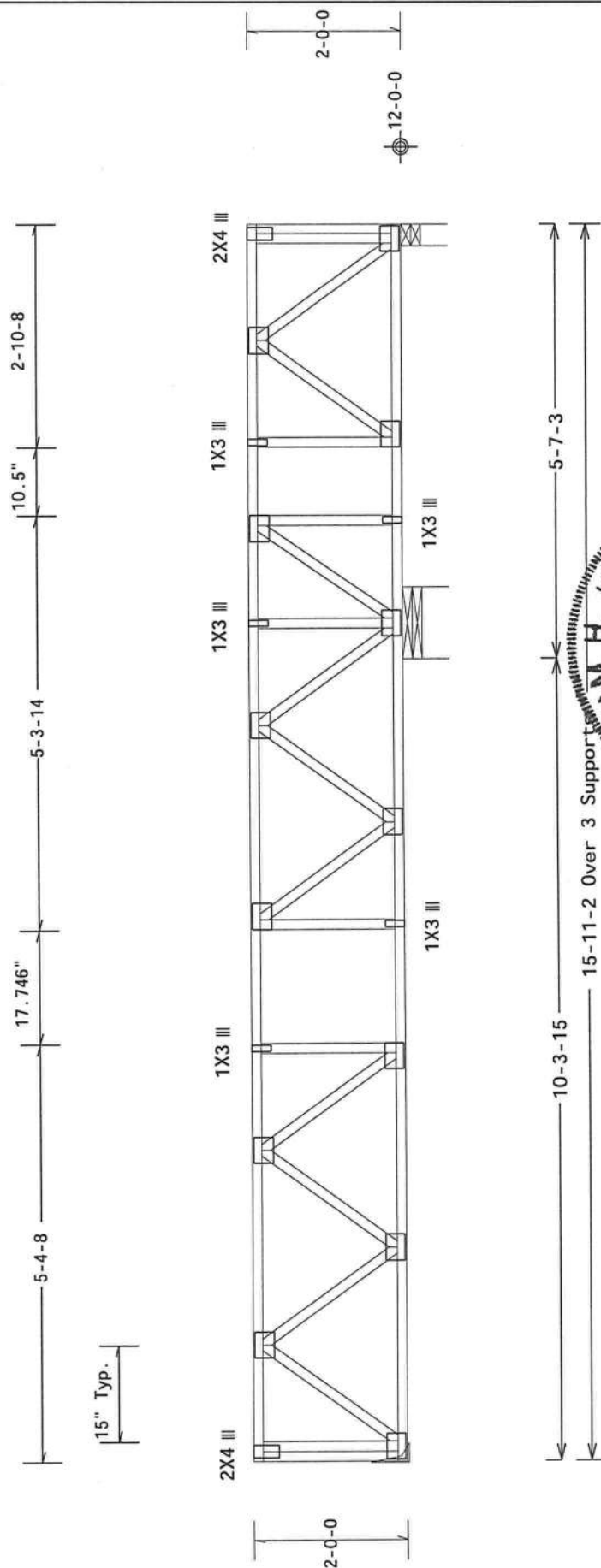
See detail STRBRIBR0211 for bracing and bridging recommendations.

Top	chord	4x2	SP_#1_12A
Bot	chord	4x2	SP_#1_12A
	webs	4x2	SP_#3_12A

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.

Truss must be installed as shown with top chord up.



R=359 W=3.375"

R=619

Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2010Res/TPI-2007(S)

PLT TYP. Wave

Scale = .5"/Ft.

REF R9114- 815

DATE 01/22/11

DATE 01/22/10
PAGE 11

DRW HCUSR9114 1302

HC-ENG WHK/WHK

SEQN- 97229

FROM SDY

FROM	001
IDEF	11IT201117

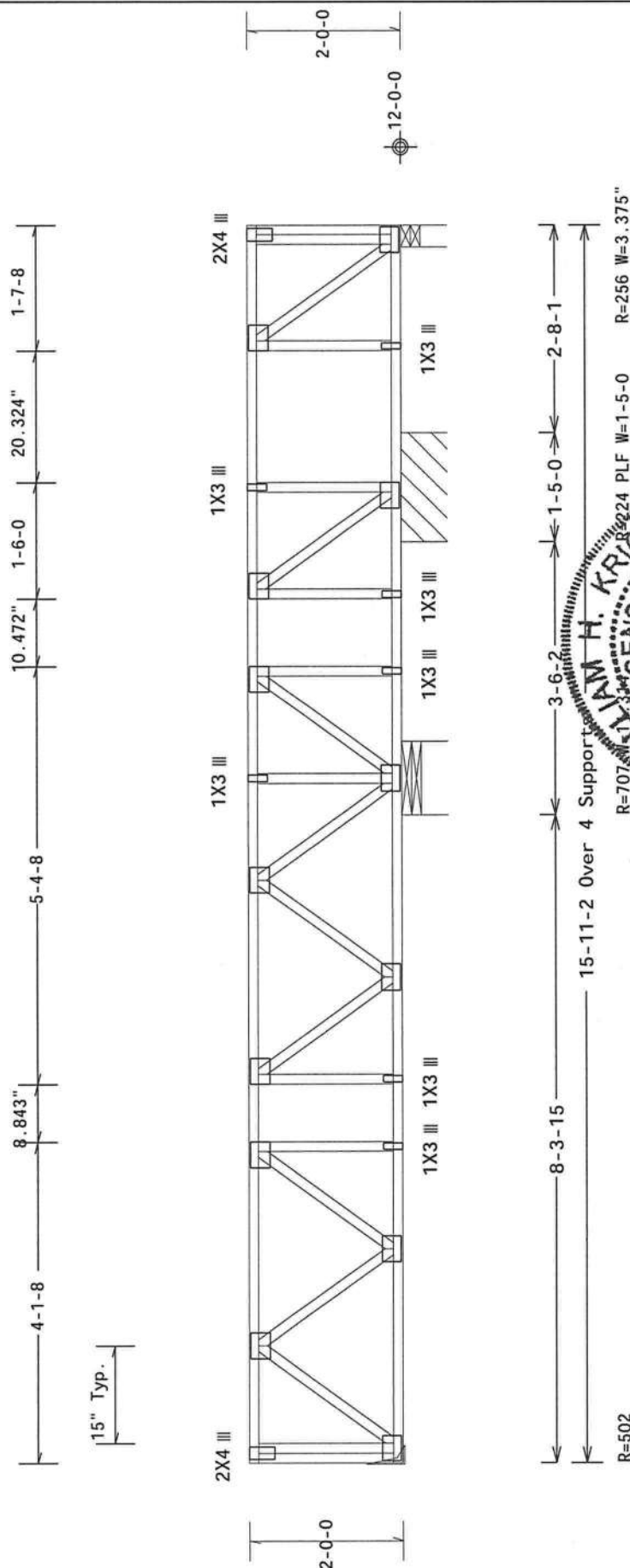
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See detail STRBRI BR0211 for bracing and bridging recommendations.

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.

Truss must be installed as shown with top chord up.



Note: All Plates Are 3X4 Except As Shown.

PLT TYP. Wave

PLT TYP. Wave

Scale = .5"/Ft.

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

FL COA #01278

****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 following the latest edition of BCSI (Building Component Safety Information, by TPI and WTC) for more information on proper handling, bracing and installation. The contractor shall be responsible for ensuring that the trusses are properly braced and installed. The contractor shall have a bracing installed per BCSI sections B3, B7 or B10, as applicable.

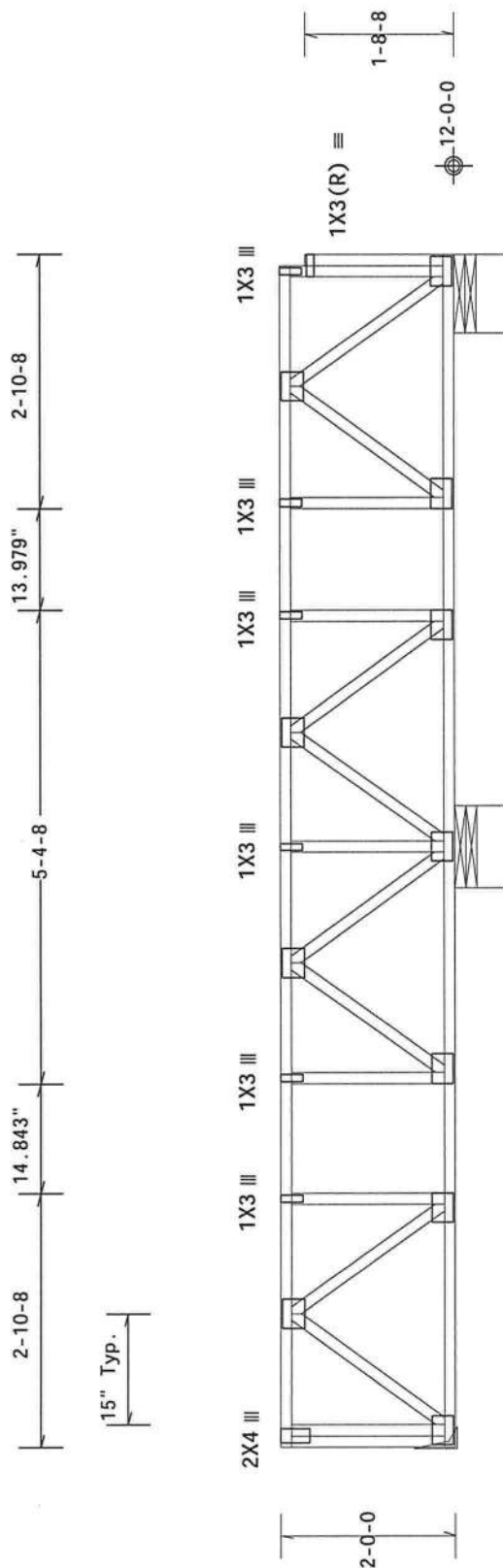
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation or bracing of trusses. Apply plates to each face of truss and position as shown above and on 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 this design shown. The design and use of this design for any other purpose is the responsibility of the user. For more information on the use of this design for any other purpose, refer to general notes page: ITW-BDG: www.itwbcg.com; TPI: www.tpinet.org; WTC: www.sbcindustry.com; ICC: www.iccsafe.org

TC LL	40.0	PSF	REF	R9114- 81538
TC DL	10.0	PSF	DATE	01/22/13
BC DL	5.0	PSF	DRW	HCUSR9114 13022206
BC LL	0.0	PSF	HC-ENG	WHK/WHK
TOT .LD.	55.0	PSF	SEQN-	97230
DUR.FAC.	1.00		FROM	SDY
SPACING	24.0"		JREF-	1UT39114Z03

See detail STRBRIBR0211 for bracing and bridging recommendations.
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.

Truss must be installed as shown with top chord up.



6-3-15 ————— 7-2-6 —————
 13-6-5 Over 3 Supports —————
 R=392 R=739 W=11.314" W=10.689"
 TAMM H. K. R-277

Note: All Plates Are 3X4 Except As Shown.

PLT TYP: Wave

Design Crit: FBC2010Res/TPI -2007 (SD)
FT/RT=12% (0%)/10 (0)
10.03.19.00919
M. 70851
Q111 FL/-5/-/-R/-

Scale = .5"/Ft.

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

EL COA #0 228

****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 and follow the latest edition of BCSP (Building Component Safety Information, by TPI and WTCA) and all practices prior to performing these functions. Installers shall provide temporary bracing per the manufacturer's instructions. Trusses shall be installed in accordance with the manufacturer's instructions. Trusses shall have a properly attached field ceiling. Locations shown for permanent lateral restraining bracing 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, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-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: General notes page, ITW-BCG: www.itwbcg.com, TPI: www.tpiinc.org, WTCA: www.bctraindstry.com, IBC: www.internationalbuildingcode.org.

STATE OF FLORIDA

PROFESSIONAL ENGINEER

01/22/2013

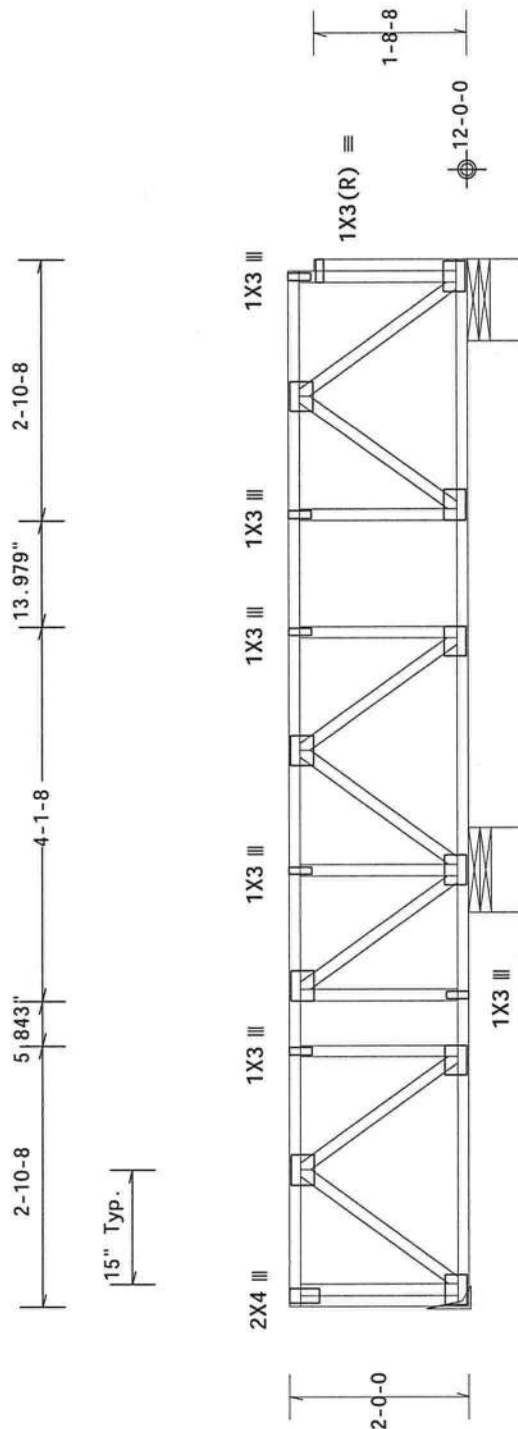
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TC DL	10.0	PSF	DATE	01/22/13
BC DL	5.0	PSF	DRW	HCUSR9114 13022207
BC LL	0.0	PSF	HC-ENG	WHK/WHK
TOT. LD.	55.0	PSF	SEQN-	97231
DUR. FAC.	1.00		FROM	SDY
SPACING	24'-0"		JREF-	1UT39114Z03

See detail STRBRI BR0211 for bracing and bridging recommendations.

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.

Truss must be installed as shown with top chord up.



4-3-15 ————— 7-2-6 —————
 11-6-5 Over 3 Supports
 R=606 W=11.314" W=10.689"

Note: All Plates Are 3X4 Except As Shown.

PLT TYP: Wave

Design Crit: FBC2010Res/TPI-2007(STD)

FT/RT=12%(0%)/10(0)

Scale = .5"/Ft.

[illegible]

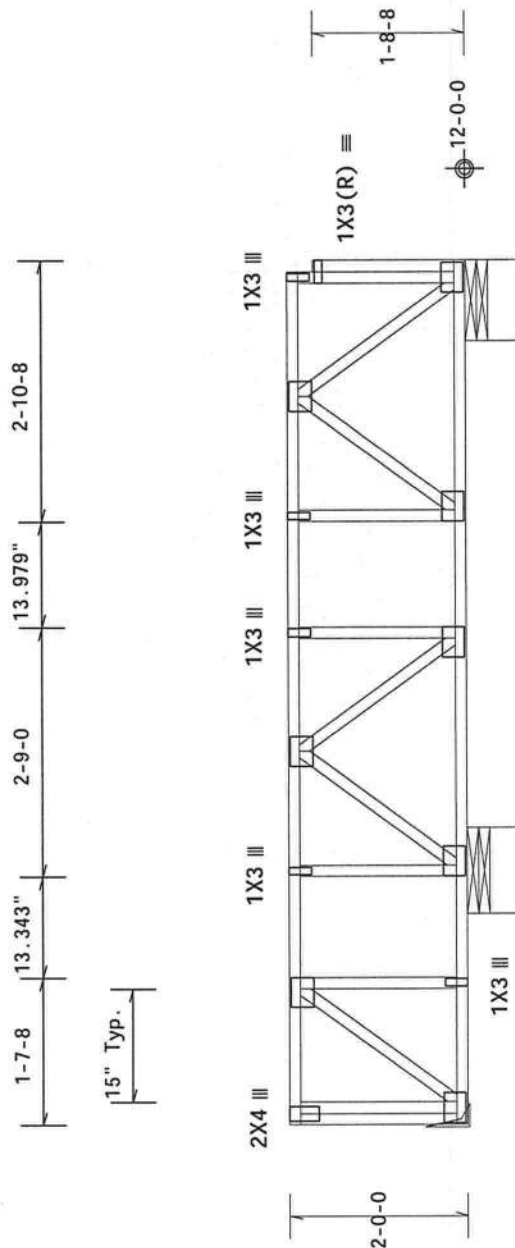
(120912F--Anderson Truss Co. Patel Residence -- Lot 1 Hills Of Windsor, ** - F61)

	SP_#1	_12A
Top chord	4x2	
	4x2	SP_#1
Bot chord	4x2	_12A
	Webs	4x2 SP_#3
		_12A

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.

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



$\leftarrow$ 2-3-15 $\rightarrow$ 7-2-6
 $\leftarrow$ 9-6-5 Over 3 Supports
 R=451 W=11.314"
 R=221
 M. H. 10.3899

Note: All Plates Are 3X4 Except As Shown.

PLT TYP: Wave

Design Crit: FBC2010Res/TPI-2007(STD)

BCZ010Res/1P1-Z007(300)
ET/RT=12%(0%)/10(0)
No. 60891
10.03.2009

Scale = .5"/Ft.

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Please refer to the latest edition of BCSI (Building Components Safety Information, by FPL International) for more information on these practices. The following table lists the most commonly used bracing methods for property attached structural sheathing and bottom chord bracing for permanent lateral restraint.

[illegible]

PROFESSIONAL ENGINEER
01/22/2013

01/22/2013

FROM SDY

JREF- 1UT39114Z03

24.0"

SPACING

[illegible]

THIS JOB IS

information see
bcindustry.com

2. For more information, visit www.wtca.com.

NSI/TPI 1 Sec.
www.tpinst.or

Designer per A
www.tpi.com; TPI:

ITW-BCG: www.itw-bcg.com

responsibility on
notes page: 1the re-
genera-

L 33844

Laines City, FL

(120912F--Anderson Truss Co. Patel Residence -- Lot 1 Hills Of Windsor , ** - F62)

Top chord 4x2 SP #1_12A
Bot chord 4x2 SP #1_12A
Webs 4x2 SP #3_12A

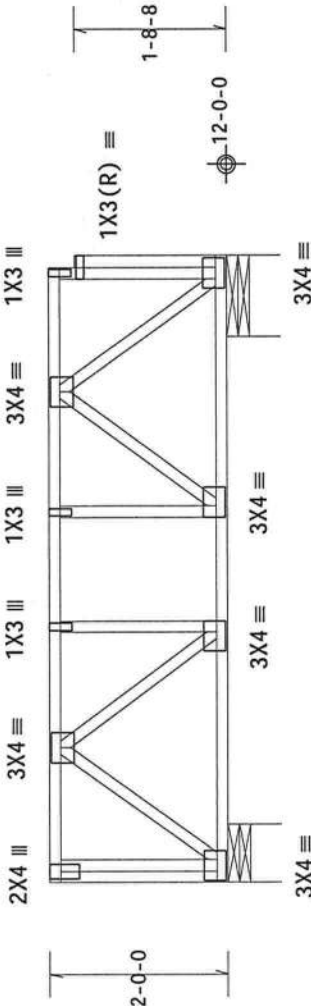
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

Truss must be installed as shown with top chord up.

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



15" Typ.



PLT TYP. Wave

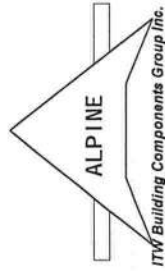
Design Crit: FBC2010Res/TPI-2007(ST)

FT/RT=12%(0%)/10(0)

Scale = .5"/Ft.

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TC DL	10.0 PSF	DATE	01/21/13
BC DL	5.0 PSF	DRW	HCUSR9114 13021249
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	55.0 PSF	SEQN-	46832
DUR.FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1UT39114Z03

****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 the BCS (Building Components Systems) Manual for details. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint shall have bracing installed per BCS sections B3, B7 or B10, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, 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 100-2 for standard plate positions. A seal on this drawing is required 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



(120912F--Anderson Truss Co., Patel Residence -- Lot 1 Hills Of Windsor , ** - F63)

Top chord 4x2 SP_#1_12A
Bot chord 4x2 SP_#1_12A
Webs 4x2 SP_#3_12A

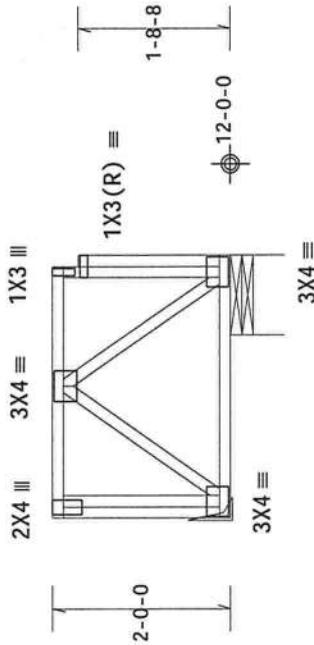
(H1) = (J) Hanger not calculated (1)4x2 SP_#1_12A supporting member.

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.

Truss must be installed as shown with top chord up.

14' 375" Typ



R=160
H=H1
R=146 W=10.689"

Design Crit: FBC2010Res/TPI-2007(ST)
FT/RT=12%(0%)/10(0)

PLT TYP. Wave

Scale = .5"/Ft.

 ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0 278	**WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET! **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 BC51 (Building Component Safety Information, by TPI and WCA) for details and practices prior to performing these functions. Installers shall provide temporary bracing per BC51. 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 BC51 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 use of the truss. ITWBCG shall not be responsible for the design of the truss or for the design of the details, unless noted otherwise. Refer to drawings 100A-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.tpiint.org; WCA: www.abciindustry.com; IBC: www.ibccode.org			
	01/22/2013			
				
	TC LL	40.0 PSF	REF	R9114- 81543
	TC DL	10.0 PSF	DATE	01/21/13
	BC DL	5.0 PSF	DRW	HCUSR9114 13021250
BC LL	0.0 PSF	HC-ENG	JB/AP	
TOT.LD.	55.0 PSF	SEQN-	46833	
DUR.FAC.	1.00	FROM	SDY	
SPACING	24.0"	JREF-	1UT39114Z03	

****IMPORTANT**** FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. For the correct edition of BCSI (Building Component Safety Information, by TPI and WTCA) for practices prior to performing these functions. Installers shall provide temporary bracing for 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 plates to each face of truss and position as shown above and on the Joint Truss Connection (JTC) 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.tpinet.org; WTCA: www.bcsiindustry.com; ICC: www.iccsafe.org

(120912F--Anderson Truss Co., Patel Residence -- Lot 1 Hills Of Windsor , ** - F64)

Top chord 4x2 SP #1_12A
Bot chord 4x2 SP #1_12A
Webs 4x2 SP #3_12A

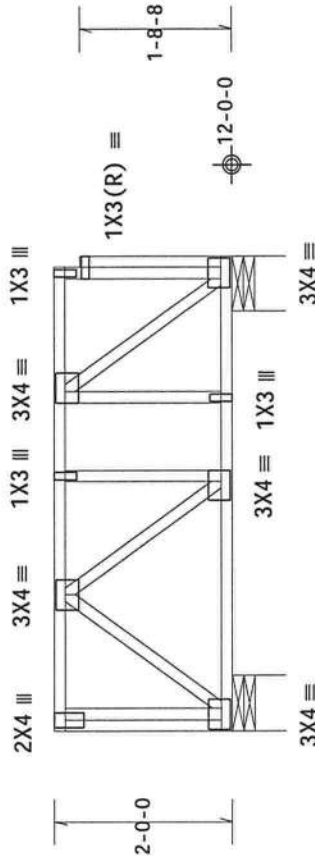
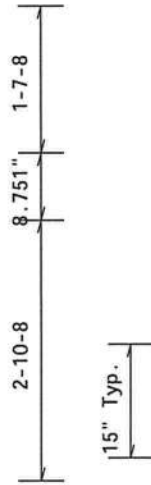
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

Truss must be installed as shown with top chord up.

Special loads

-----Lumber Dur.Fac.=1.00 / Plate Dur.Fac.=1.00
TC- From 100 plf at 0.00 to 100 plf at 5.10
BC- From 10 plf at 0.00 to 10 plf at 5.23
TC- 160.41 lb Conc. Load at 3.09

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



5-2-12 Over 2 Supports
R=352 W=7.375" R=371 W=7.375"

PLT TYP. Wave

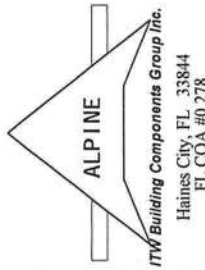
Design Crit: FBC2010Res/TPI-2007(STP)
FT/RT=12%(0%)/10(0)

Scale = .5"/Ft.

TC LL	40.0 PSF	REF	R9114- 81544
TC DL	10.0 PSF	DATE	01/21/13
BC DL	5.0 PSF	DRW	HCUSR9114 13021251
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	55.0 PSF	SEQN-	46858
DUR.FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1UT39114Z03



****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information, by TPI and WCA) for details and practices prior to performing these functions. Installers shall provide temporary bracing per details unless noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of 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 trusses in conformance with this design. The responsibility for the design and construction of the trusses shall rest solely with the installer. 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.tpinet.org; WCA: www.bcindustry.com; IBC: www.ircsafo.org



(120912F--Anderson Truss Co. Patel Residence -- Lot 1 Hills Of Windsor , ** - F65)

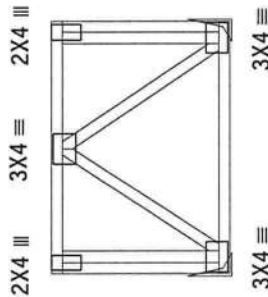
Top chord 4x2 SP_#1_12A
Bot chord 4x2 SP_#1_12A
Webs 4x2 SP_#3_12A

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

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.

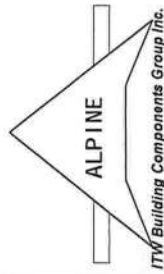
13' 625" Typ



2'-9-5 Over 2 Supports

R=153
H=H1

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. Prior to and during erection, the truss shall be supported in a manner that will prevent any twisting, bending or crushing of the truss members. The truss shall be installed in accordance with the manufacturer's instructions. 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-BGC: www.itwbgc.com; TPI: www.tpinet.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

Design Crit: FBC2010Res/TPI-2007(STB)
FT/RT=12%(0%)/10(0)

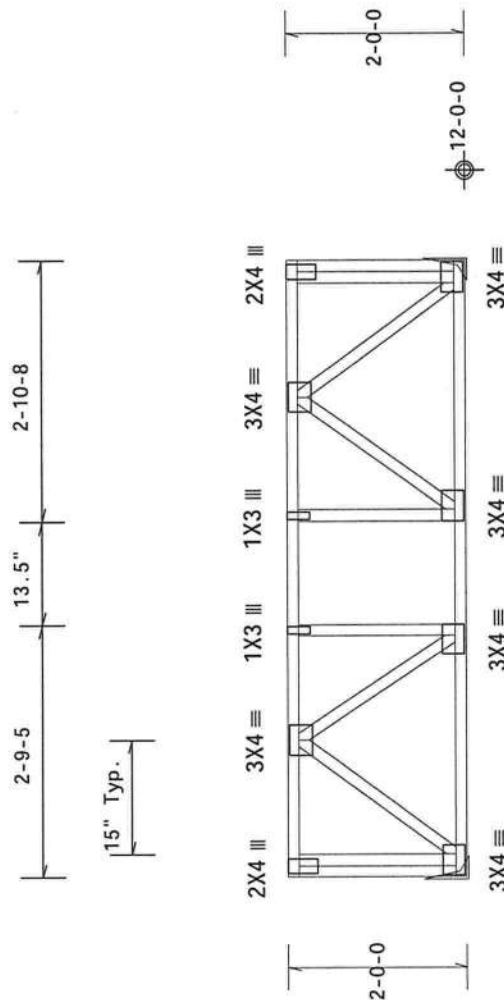
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TC DL	10.0 PSF	DATE	01/21/13
BC DL	5.0 PSF	DRW	HCUSR9114 13021252
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	55.0 PSF	SEQN	46834
DUR.FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF	1UT39114Z03

Top chord 4x2 SP_#1_12A
Bot chord 4x2 SP_#1_12A
Webs 4x2 SP_#3_12A

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.

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



6-9-5 Over 2 Supports $R=373$

PLT TYP. Wave

Design Crit: FBC2010Res/TPI-2007(STP) #1
ET/RT-12%(0%)/10(0)

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

[illegible]

WTB Building Components Group Inc., cannot be responsible for any deviation from this document. The user of this document is responsible for obtaining the correct version of this document, for obtaining the correct details, unless noted otherwise. Apply plates to each face of corners and position as shown above and on the Joint Detail. 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. For more information on this design for any structure is this job a

WTB-BGS: www.wtbgs.com TPI: www.tpi.net.org WTCA: www.abcdindustry.com
ICC: www.iccactive.org



FL/-5/-/-R/-	TC LL	40.0 PSF	REF	R9114- 81546
	TC DL	10.0 PSF	DATE	01/21/13
	BC DL	5.0 PSF	DRW	HCUSR9114 13021253
	BC LL	0.0 PSF	HC-ENG JB/AP	
	TOT.LD.	55.0 PSF	SEQN-	46835
	DUR.FAC.	1.00	FROM SDY	
	SPACING	24.0"	JREF- 1UT39114Z03	

(120912F--Anderson Truss Co., Patel Residence -- Lot 1 Hills Of Windsor , ** - F67)

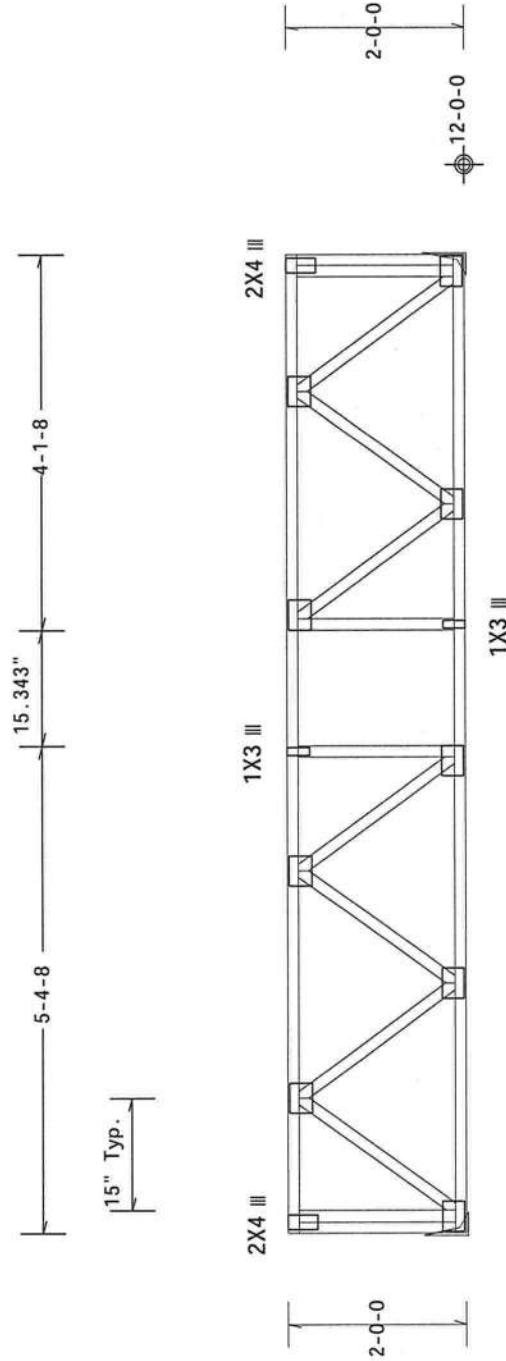
Top chord 4x2 SP_#1_12A
Bot chord 4x2 SP_#1_12A
Webs 4x2 SP_#3_12A

See detail STRBRIBR0211 for bracing and bridging recommendations.

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.

Truss must be installed as shown with top chord up.



10-9-5 Over 2 Supports

R=593

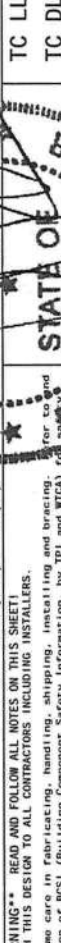
Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2010Res/TPI-2007 (S19)

PLT TYP. Wave

FL/-5/-/-R/-

Scale = .5"/Ft.

 ALPINE ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0 278	**IMPORTANT** Trusses require extreme care in fabricating, handling, shipping, installing and bracing. For special requirements, refer to the manufacturer's literature. For safety information, refer to the BCSI (Building Components Safety Institute) website. For TPI and WTCA information, refer to the respective websites. 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.		TC LL	40.0 PSF	REF	R9114- 81547
	WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET! FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.		TC DL	10.0 PSF	DATE	01/21/13
			BC DL	5.0 PSF	DRW	HCUSR9114 13021254
			BC LL	0.0 PSF	HC-ENG	JB/AP
			TOT.LD.	55.0 PSF	SEQN-	46836
			DUR.FAC.	1.00	FROM	SDY
	SPACING		24.0"	JREF-	1UT39114Z03	

WILLIAM H. KRICK
LICENSE
No. 70861
10.03.11.0809.19
STATE OF FLORIDA
PROFESSIONAL ENGINEER
01/22/2013

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

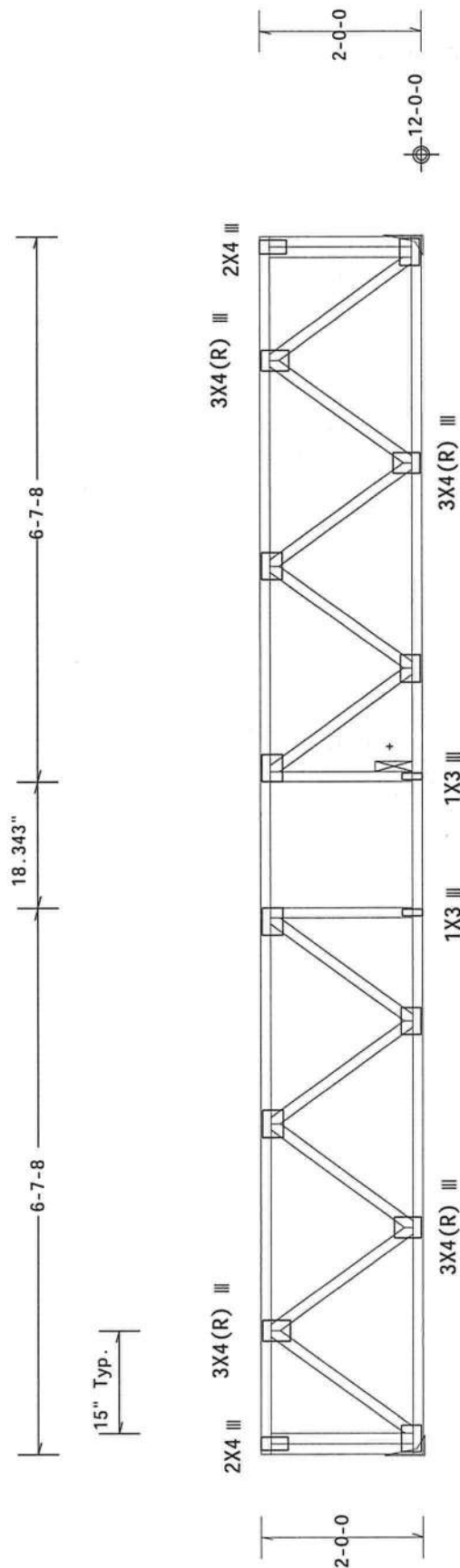
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing and bracing unless noted 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 or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation, or bracing of trusses. Apply proper bracing and bracing. 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 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; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

+2x6 continuous strongback. See detail STRBRIBR0211 for bracing and bridging recommendations.

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.



14-9-5 Over 2 Supports

R=813

Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2010Res/TPI-2007 (STP)

PLT TYP. Wave

Scale = .5"/Ft.

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

El Caya, FL 3278

1W-1600: www.itwinc.org

1W-1601: www.uprint.org

1W-1602: www.sbsindustry.com

1W-1603: www.sbsindustry.com

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

****IMPORTANT**** Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WITCA) and the instructions prior to performing these operations. Install here and provide adequate structural sheathing and bottom chord bracing. Trusses shall be properly braced and bracing shall be installed per permanent lateral constraint shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBGC) 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 responsibility of the building design engineer per ANSI/TPI 1 Sec.2. For more information see: ITW-1600: www.itwinc.org TPI: www.uprint.org WITCA: www.sbsindustry.com

01/22/2013

STATE OF FLORIDA

PROFESSIONAL ENGINEER

TC LL	40.0	PSF	REF	R9114- 81548
TC DL	10.0	PSF	DATE	01/21/13
BC DL	5.0	PSF	DRW	HCUSR9114 13021255
BC LL	0.0	PSF	HC-ENG	JB/AP
TOT. LD.	55.0	PSF	SEQN-	46837
DUR. FAC.	1.00		FROM	SDY
SPACING	24.0"		JREF-	1UT39114Z03

(120912F--Anderson Truss Co., Patel Residence -- Lot 1 Hills Of Windsor , ** - F69)

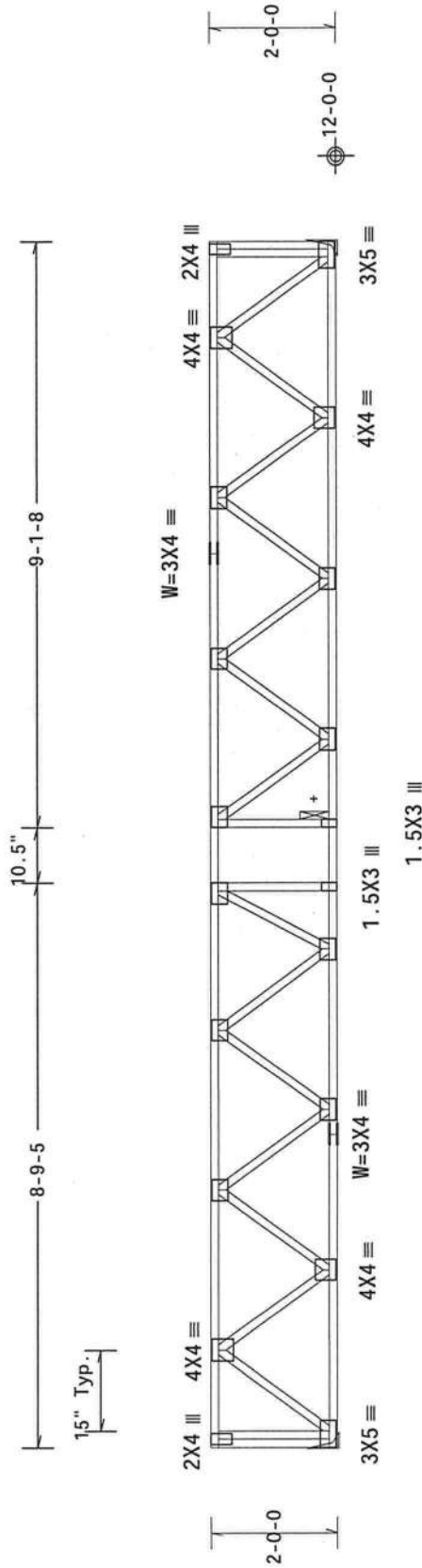
Top chord 4x2 SP_#1_12A
Bot chord 4x2 SP_#1_12A
Webs 4x2 SP_#3_12A

+ 2x6 continuous strongback. See detail STRBRIBRO211 for bracing and bridging recommendations.

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.

Truss must be installed as shown with top chord up.



18-9-5 Over 2 Supports

R=1033

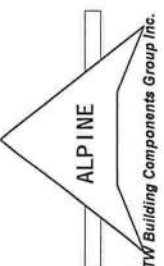
R=1033

Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2010Res/TPI-2007 (SD)
FT/RT=12%(0%)/10(0)

PLT TYP. Wave

Scale = .375"/Ft.

 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 and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for safe practices prior to performing these functions. Installers shall provide temporary bracing per design. 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, or bracing of trusses. Apply plates to each face of truss and position as shown above and on the Joint Detail. This drawing is the property of ITW Building Components Group Inc. and is not to be reproduced, copied, or used in any way without the written consent of ITW Building Components Group Inc. 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.tpinat.org; WTCA: www.sbcindustry.com; ICC: www.iccsafo.org		TC LL	40.0 PSF	REF	R9114- 81549
			TC DL	10.0 PSF	DATE	01/21/13
			BC DL	5.0 PSF	DRW	HCUSR9114 13021256
			BC LL	0.0 PSF	HC-ENG	JB/AP
			TOT.LD.	55.0 PSF	SEQN-	46838
		DUR.FAC.	1.00	FROM	SDY	
		SPACING	24.0"	JREF-	1UT39114Z03	



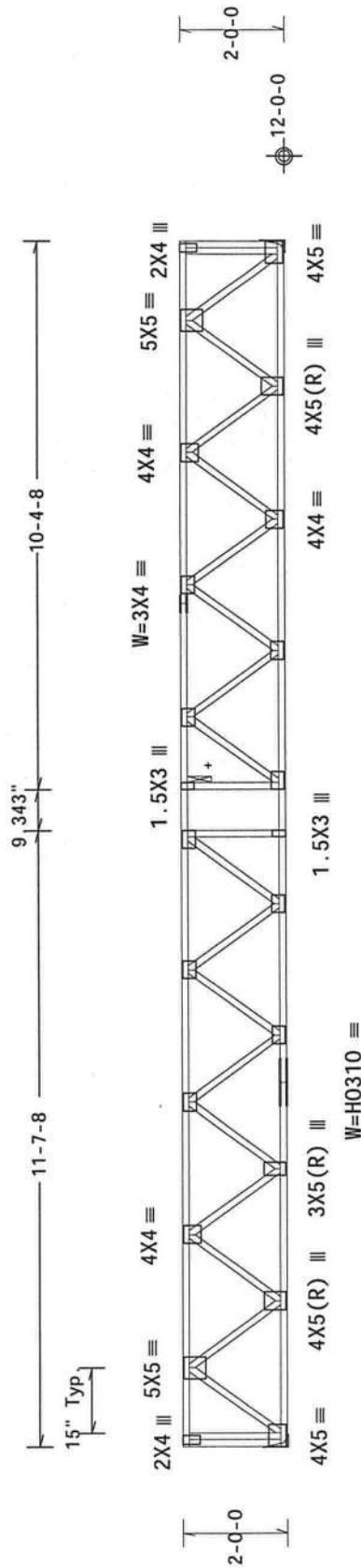
(120912F--Anderson Truss Co., Patel Residence -- Lot 1 Hills Of Windsor , ** - F70)

Top chord 4x2 SP_#1_12A
Bot chord 4x2 SP_#1_12A
Webs 4x2 SP_#3_12A

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

Truss must be installed as shown with top chord up.

+ 2x6 continuous strongback. See detail STRBIBR0211 for bracing and bridging recommendations.
Max JT VERT DEFL: LL: 0.30" DL: 0.19" recommended camber 1/4"
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



22-9-5 Over 2 Supports R=1253

Note: All Plates Are 3X4 Except As Shown.

PLT TYP. 20 Gauge HS, Wave

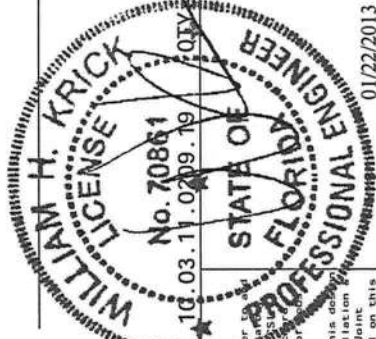
Design Crit: FBC2010Res/TPI-2007(STD)
FT/RT=12%(0%)/10(0)

Scale = .3125"/Ft.

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TC DL	10.0 PSF	DATE	01/21/13
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BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	55.0 PSF	SEQN-	46839
DUR.FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1UT39114Z03

ALPINE

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

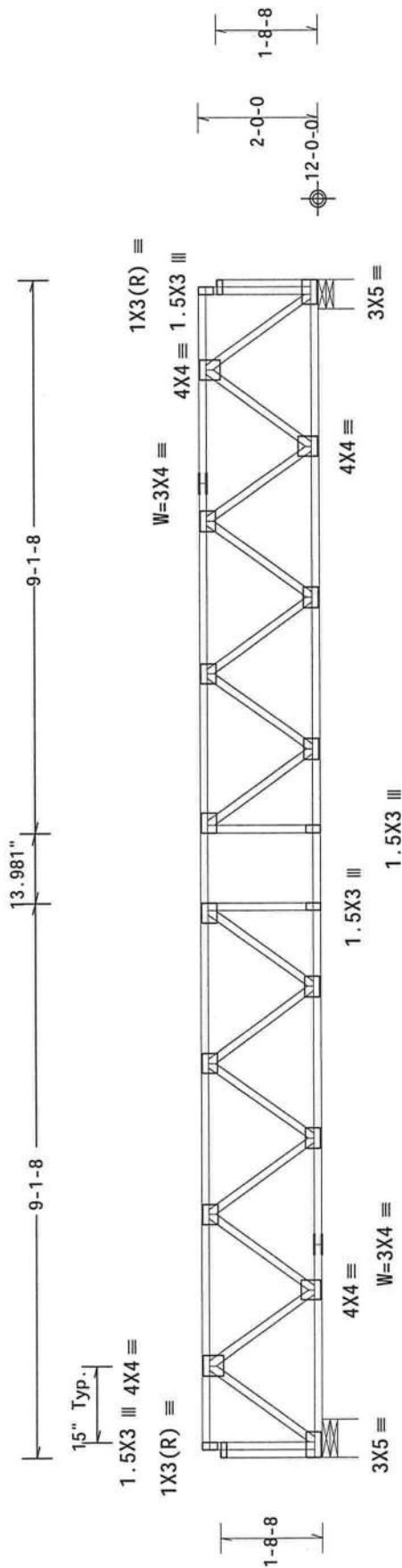


****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTC) for 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 83, 87 or 810, 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 of use and bracing as shown on this drawing. Refer to drawings 160A-Z for standard place 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; WTC: www.alcindustry.com; ICC: www.iccsafe.org

See detail STRBRIBR0211 for bracing and bridging recommendations.

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.



19-5-0 Over 2 Supports

R=1055 W=7.375"

Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2010Res/TPI-2007(ST
FT/RT=12%(0%)/10(0)

PLT TYP. Wave

Scale = .375"/Ft.

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WITCA) recommended practices prior to performing these functions. Installers shall provide temporary bracing and bottom chord bracing as shown on drawings. Trusses shall be installed in accordance with manufacturer's instructions. 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. (ITWBGC) shall not be responsible for any deviation from this design, whether 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. ITWBGC does not warrant its liability for any claim against it arising from the responsibility of the user. ITW-BCSI: www.itwbcsigroup.com; TPI: www.tpinet.org; WITCA: www.sbcindustry.com; ICC: www.iccsafe.org

01/22/2013

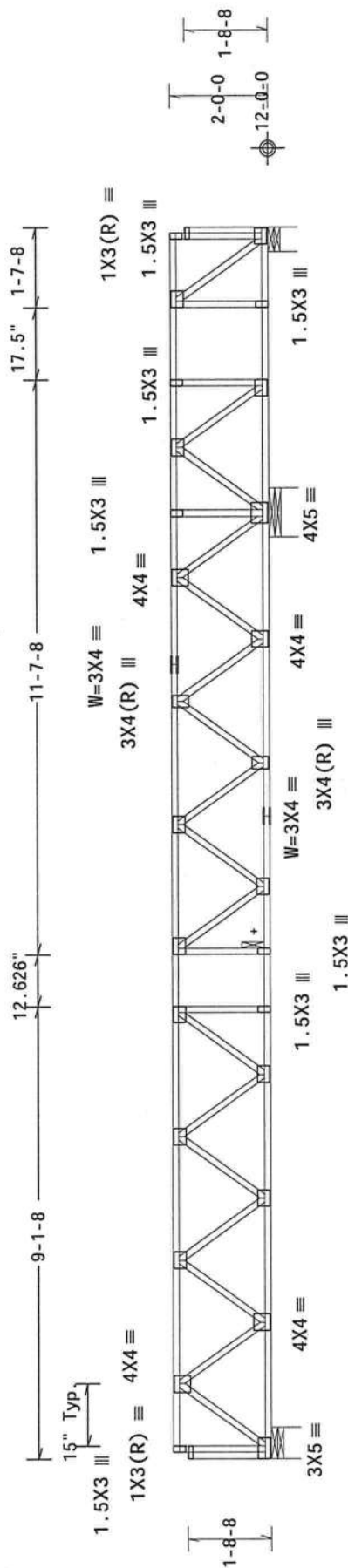
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TC DL	10.0 PSF	DATE	01/21/13
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TOT.LD.	55.0 PSF	SEQN-	46840
DUR.FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1UT39114Z03

+ 2x6 continuous strongback. See detail STRBRIBR0211 for bracing and bridging recommendations.

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.

Truss must be installed as shown with top chord up.



24-10-10 Over 3 Supports

R=1010 W=7.375"

Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2010Res/TPI-2007 (STD)

PLT TYP. Wave

Scale = .3125"/Ft.

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

FL COA #0 2778

****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 and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTA) for safety practices prior to performing these functions. Installers shall provide adequate bracing and blocking. Trusses shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraining bracing shall have bracing 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, 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 responsibility and use of this design for any structure is the responsibility of the fabricator. ITWBGS does not warrant the design of this structure. This job's general notes pgs: ITW-BCSI: www.itwbcs.com; TPI: www.tpinet.org; WTA: www.abcdindustry.com; ICC: www.iccsafe.org

01/22/2013

TC LL	40.0	PSF	REF	R9114- 81552
TC DL	10.0	PSF	DATE	01/22/13
BC DL	5.0	PSF	DRW	HCUSR9114 13022210
BC LL	0.0	PSF	HC-ENG	WHK/WHK
TOT.LD.	55.0	PSF	SEQN-	97244
DUR.FAC.	1.00		FROM	SDY
SPACING	24.0"		JREF-	1UT39114Z03

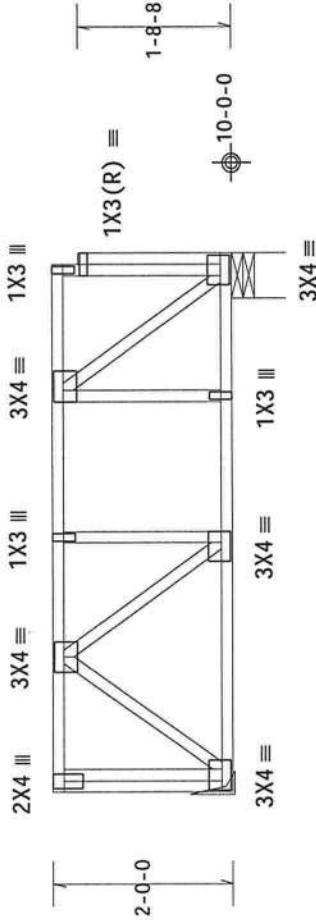
(120912F--Anderson Truss Co., Patel Residence -- Lot 1 Hills Of Windsor , ** - F73)

Top chord 4x2 SP_#1_12A
Bot chord 4x2 SP_#1_12A
Webs 4x2 SP_#3_12A

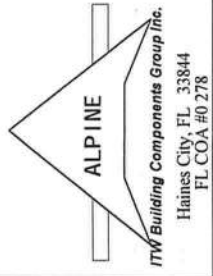
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

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.



PLT TYP. Wave



Design Crit: FBC2010Res/TPI-2007 (STD)
FT/RT=12%(0%)/10(0)

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET!
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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 best practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint 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 or use of the truss. Apply proper bracing and installation techniques. 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; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org



TC LL	40.0 PSF	FL/-/5/-/-/R/-	Scale = 5"/Ft.
TC DL	10.0 PSF	REF	R9114- 81553
BC DL	5.0 PSF	DATE	01/21/13
BC LL	0.0 PSF	DRW	HCUSR9114 13021221
TOT.LD.	55.0 PSF	HC-ENG	JB/AP
DUR.FAC.	1.00	SEQN-	46842
SPACING	24.0"	FROM	SDY
		JREF-	1UT39114Z03

(120912F--Anderson Truss Co., Patel Residence -- Lot 1 Hills Of Windsor , ** - F89)

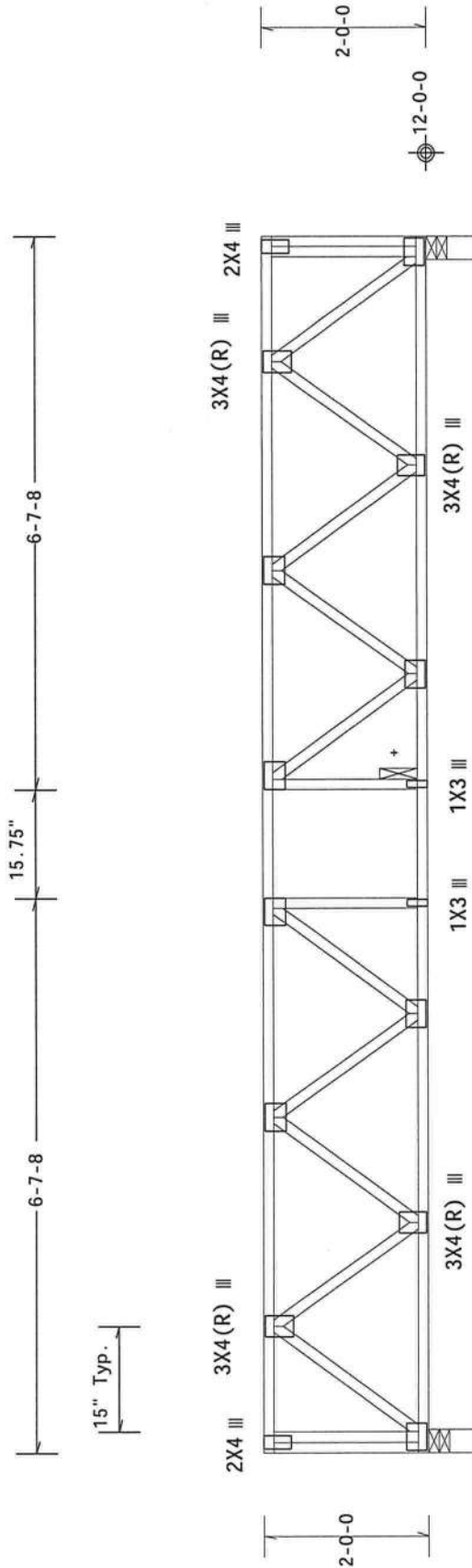
Top chord 4x2 SP #1_12A
Bot chord 4x2 SP #1_12A
Webs 4x2 SP #3_12A

+ 2x6 continuous strongback. See detail STRBRIBR0211 for bracing and bridging recommendations.

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.

Truss must be installed as shown with top chord up.



14-6-12 Over 2 Supports

R=801 W=3.375"

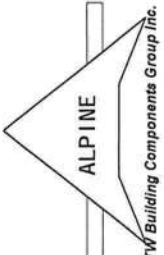
R=801 W=3.375"

Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2010Res/TPI-2007(SD)
FT/RT=12%(0%)/10(0)

PLT TYP. Wave

Scale = 5"/Ft.

 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.		TC LL	40.0 PSF	REF	R9114- 81554
	Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to drawings and details for proper installation. Trusses are not to be used for any other purpose than intended. Trusses are not to be used for any other purpose than intended. Trusses are not to be used for any other purpose than intended.		TC DL	10.0 PSF	DATE	01/21/13
	Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraining bracing shall have bracing installed per BCS1 sections B3, B7 or B10, as applicable.		BC DL	5.0 PSF	DRW	HCUSR9114 13021225
	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 of trusses. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Trusses are not to be used for any other purpose than intended. Trusses are not to be used for any other purpose than intended. Trusses are not to be used for any other purpose than intended.		BC LL	0.0 PSF	HC-ENG	JB/AP
	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;		TOT.LD.	55.0 PSF	SEQN-	46843
			DUR.FAC.	1.00	FROM	SDY
			SPACING	24.0"	JREF-	1UT39114Z03



(120912F--Anderson Truss Co., Patel Residence -- Lot 1 Hills Of Windsor , ** - F90)

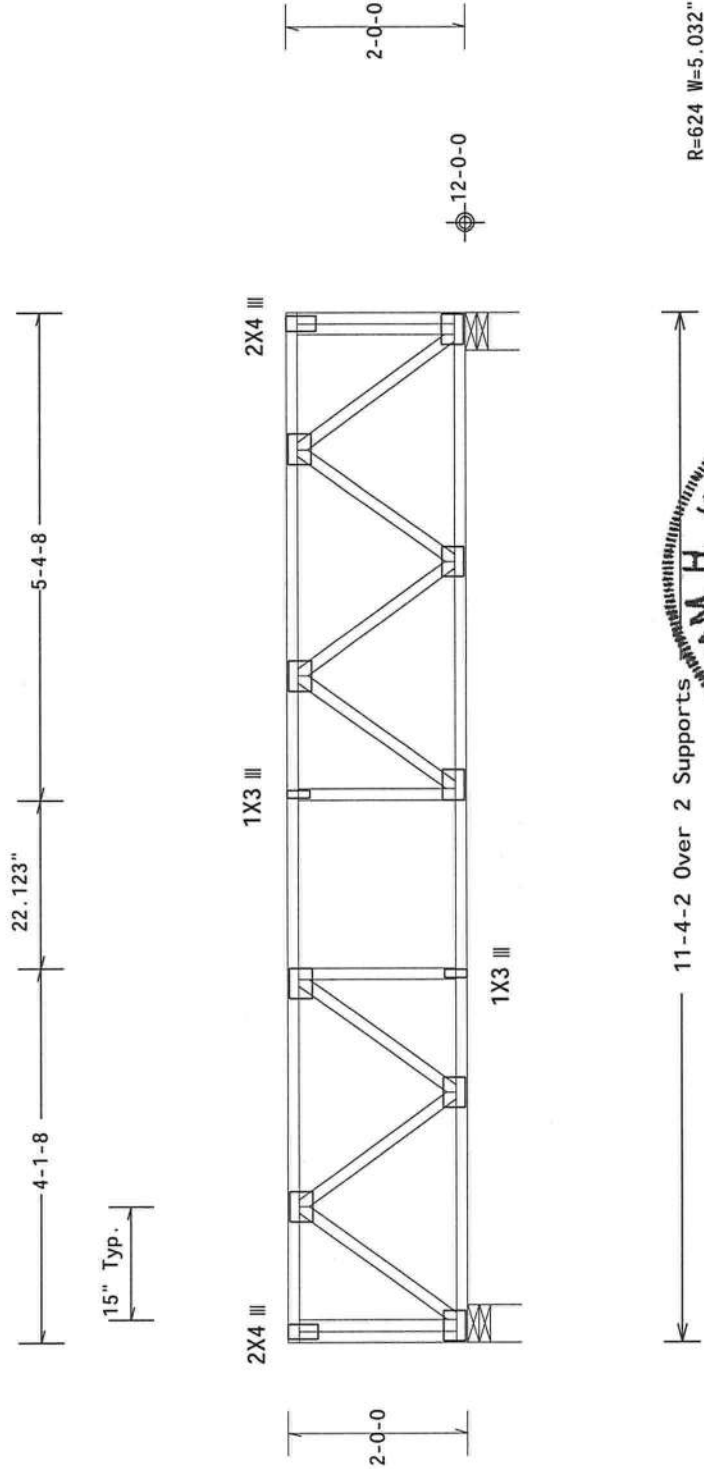
Top chord 4x2 SP #1_12A
Bot chord 4x2 SP #1_12A
Webs 4x2 SP #3_12A

See detail STRBRIBR0211 for bracing and bridging recommendations.

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.

Truss must be installed as shown with top chord up.



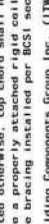
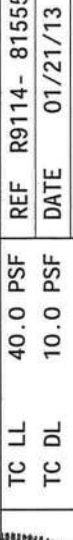
Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2010Res/TPI-2007(SD)

FT/RT=12%(0%)/10(0)

PLT TYP. Wave

Scale = 5"/Ft.

 ALPINE ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0 278	**IMPORTANT** FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.		 01/22/2013	TC LL	40.0 PSF	REF	R9114- 81555
	Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to drawings 1004-2 for details and instructions. Trusses shall be installed in accordance with the manufacturer's instructions and the design engineer's specifications. Trusses shall be installed in accordance with the manufacturer's instructions and the design engineer's specifications. Trusses shall be installed in accordance with the manufacturer's instructions and the design engineer's specifications.			TC DL	10.0 PSF	DATE	01/21/13
	Trusses shall be installed in accordance with the manufacturer's instructions and the design engineer's specifications. Trusses shall be installed in accordance with the manufacturer's instructions and the design engineer's specifications. Trusses shall be installed in accordance with the manufacturer's instructions and the design engineer's specifications.			BC DL	5.0 PSF	DRW	HCUSR9114 13021223
	Trusses shall be installed in accordance with the manufacturer's instructions and the design engineer's specifications. Trusses shall be installed in accordance with the manufacturer's instructions and the design engineer's specifications. Trusses shall be installed in accordance with the manufacturer's instructions and the design engineer's specifications.			BC LL	0.0 PSF	HC-ENG	JB/AP
	Trusses shall be installed in accordance with the manufacturer's instructions and the design engineer's specifications. Trusses shall be installed in accordance with the manufacturer's instructions and the design engineer's specifications. Trusses shall be installed in accordance with the manufacturer's instructions and the design engineer's specifications.			TOT.LD.	55.0 PSF	SEQN-	46844
		DUR.FAC.		1.00	FROM	SDY	
		SPACING		24.0"	JREF-	1UT39114Z03	

(120912F--Anderson Truss Co. Patel Residence -- Lot 1 Hills Of Windsor , ** - F91)

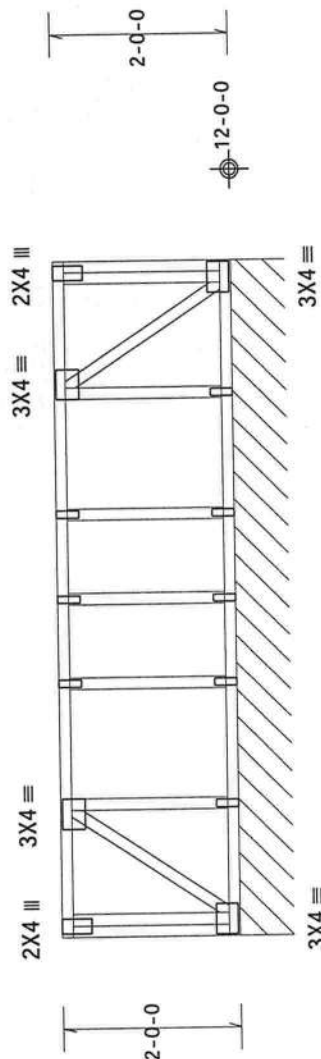
Top chord 4x2 SP_#1_12A
Bot chord 4x2 SP_#1_12A
Webs 4x2 SP_#3_12A

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

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.

Sheathing is required for any longitudinal(drag) forces. All
connections to be designed by the building designer.



7-5-6 Over Continuous Support

R=110 PLF W=7-5-6

Note: All Plates Are 1X3 Except As Shown.

Design Crit: FBC2010Res/TPI-2007(STB)
FT/RT=12%(0%)/10(0)

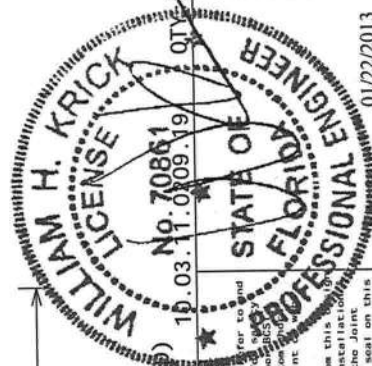
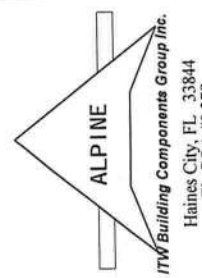
Scale = .5"/Ft.

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. Trusses shall be installed in accordance with the manufacturer's instructions and the building code. Trusses shall be installed in accordance with the manufacturer's instructions and the building code. Trusses shall be installed in accordance with the manufacturer's instructions and the building code.

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 any deviation from this design. The user of this design shall be responsible for any deviation from this design.



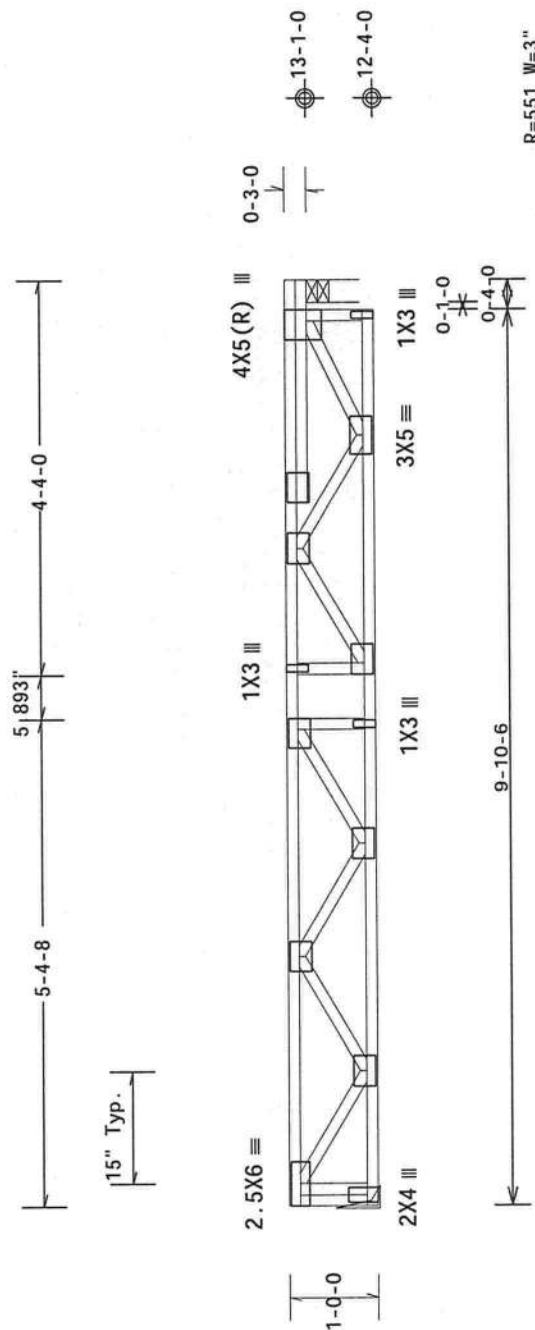
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TC DL	10.0 PSF	DATE	01/21/13
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BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	55.0 PSF	SEQN-	46845
DUR.FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1UT39114Z03

See detail STRBRIBR0211 for bracing and bridging recommendations.

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

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.



10-2-6 Over 2 Supports

R=568

$$H=H_1$$

Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2010Res/TPI-2007(STT
FT/RT=12%(0%)/10(0)

PLT TYP. Wave

Scale = .5"/Ft.

OFF P9114- 815557

DATE	01 / 01 / 13
REF	K0114- 01007

DATE 01/21/13

DRW HCUSR9114 13021227

HC-ENG JB/AP

SEON 16816

40040

FROM SDY

JREF- 1UT39114Z03

****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 BPI and WCA) for the proper bracing practices prior to performing these functions. The bracing of trusses is a critical task. Truss bracing must be properly attached structurally sheathing and bottom chord bracing is needed otherwise, top chord bracing is required. Locations shown for permanent lateral restraint of trusses are detailed per BCSI sections B3, B7 or B10, as applicable.

[illegible]

01/22/2013

(120912F--Anderson Truss Co. Patel Residence -- Lot 1 Hills Of Windsor , ** - F93)

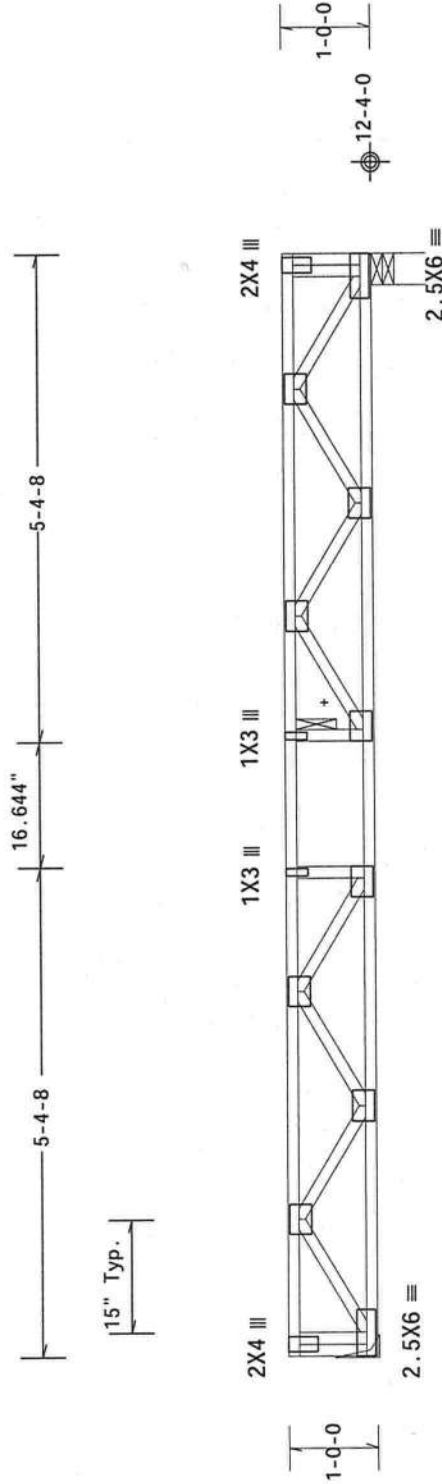
Top chord 4x2 SP_#1_12A
Bot chord 4x2 SP_#1_12A
Webs 4x2 SP_#3_12A

+ 2x6 continuous strongback. See detail STRBRIBR0211 for bracing and bridging recommendations.

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

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.



R=668 W=4.187"

12-1-10 Over 2 Supports

R=668

H=H1

Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2010Res/TPI-2007(SD)

FT/RT=12%(0%)/10(0)

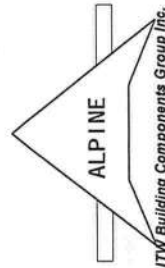
Scale = .5"/Ft.

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. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) practices prior to performing these functions. Installers shall follow the instructions and details shown on this drawing and shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. A seal on this drawing or cover page listing this drawing, the manufacturer's name and the date of issue, is the responsibility solely for the design shown. The manufacturer's name and the date of issue shall be the responsibility of the manufacturer. For more information see: This job's notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpi.net.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org



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

TC LL	40.0 PSF	REF	R9114- 81558
TC DL	10.0 PSF	DATE	01/21/13
BC DL	5.0 PSF	DRW	HCUSR9114 13021228
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	55.0 PSF	SEQN-	46847
DUR.FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1UT39114Z03

(120912F--Anderson Truss Co. Patel Residence -- Lot 1 Hills Of Windsor , ** - F94)

See detail STRBRIBR0211 for bracing and bridging recommendations.

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

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

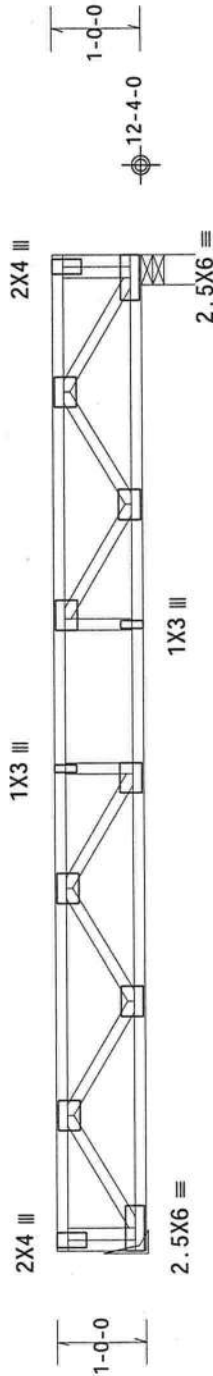
Truss must be installed as shown with top chord up.

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

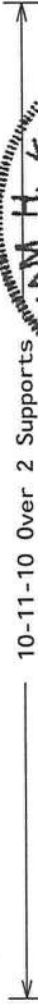
Top chord 4x2 SP_#1_12A
Bot chord 4x2 SP_#1_12A
Webs 4x2 SP_#3_12A



15" Typ.



R=603 W=3.96"



R=603
H=H1

Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2010Res/TPI-2007(STB)
FT/RT=12%(0%)/10(0)

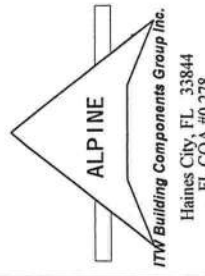
PLT TYP. Wave

Scale = .5"/Ft.

TC LL	40.0 PSF	REF	R9114- 81559
TC DL	10.0 PSF	DATE	01/21/13
BC DL	5.0 PSF	DRW	HCUSR9114 13021229
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	55.0 PSF	SEQN-	46848
DUR.FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1UT39114Z03



****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 details and instructions. Trusses shall be installed in accordance with the instructions and details shown on this drawing. Trusses shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of trusses shall be 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 drawing 180A-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. For more information see: This Job's general notes page: ITW-BGC: www.itwbcg.com; TPI: www.tpinet.org; WCA: www.wcaindustry.com; ICC: www.iccsafe.org

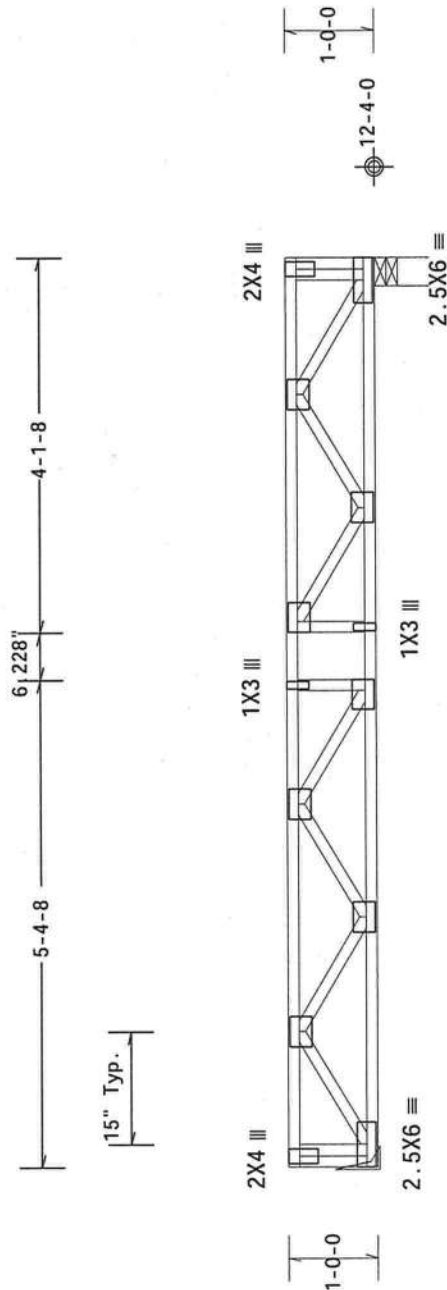


See detail STRBRIBR0211 for bracing and bridging recommendations.

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

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.



R=551 W=3.78"

10-0-4 Over 2 Supports

R=551

 $H=H^1$

Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2010Res/TPI-2007(Std)
 $FT/RT=12\%(0\%)/10(0\%)$

PLT TYP; Wave

Scale = .5"/Ft.

TC LL	40.0	PSF	REF	R9114-	81560
TC DL	10.0	PSF	DATE	01/21/13	
BC DL	5.0	PSF	DRW	HCUSR9114	13021230
BC LL	0.0	PSF	HC-ENG	JB/AP	
TOT. LD.	55.0	PSF	SEQN-	46849	
DUR. FAC.	1.00		FROM	SDY	
SPACING	24.0"		JREF-	1UT39114Z03	

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

[illegible]

ITW Building Components Group Inc. (TWBCO) shall not be responsible for any deviation from the design shown on drawings or specifications. It is the responsibility of the contractor to ensure that all materials used conform to the requirements specified herein. The contractor shall be responsible for obtaining all necessary permits and approvals. The contractor shall be responsible for ensuring that all work is completed in accordance with the schedule and budget. The contractor shall be responsible for maintaining accurate records of all work performed. The contractor shall be responsible for providing regular progress reports to the owner. The contractor shall be responsible for ensuring that all safety protocols are followed. The contractor shall be responsible for obtaining all necessary insurance coverage. The contractor shall be responsible for ensuring that all subcontractors are qualified and licensed. The contractor shall be responsible for ensuring that all materials are stored properly. The contractor shall be responsible for ensuring that all equipment is maintained properly. The contractor shall be responsible for ensuring that all workers are trained properly. The contractor shall be responsible for ensuring that all work is completed in a safe and sound manner.

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/ASCE 1 Sec. 2. For more information see: This job's project notes page; ITW-BDC: www.twbcy.com; Tel.: www.spinnet.org; TWBC: www.twbcinc.com; ICF: www.icfusa.com

ITW Building Components Group Inc.

Haines City, FL 33844

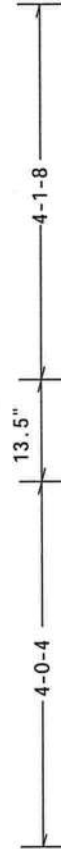
FL COA #0 278

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

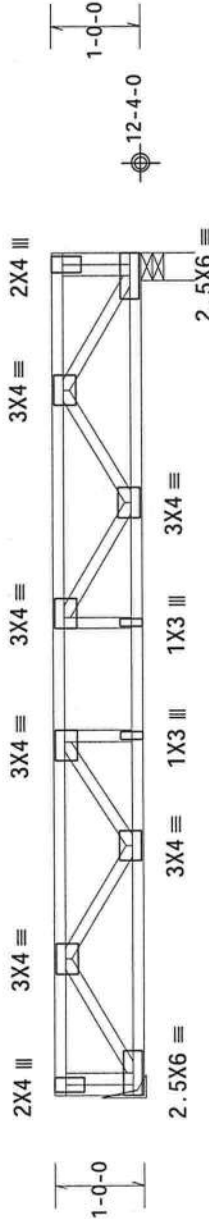
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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

Truss must be installed as shown with top chord up.



15" Typ.



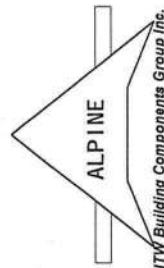
R=510 W=3.639"

9-3-4 Over 2 Supports

R=510
H=H1

Design Crit: FBC2010Res/TPI-2007(STG
FT/RT=12%(0%)/10(0)

PLT TYP. Wave



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: FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

Trusses require extreme care in fabricating, shipping, installing and bracing. Refer to the following information for details. For more information, contact the nearest IBC office or write to IBC, 10000 Wilshire Blvd., Suite 1000, Los Angeles, CA 90024.

Follow the latest edition of BCSI (Building Components Safety Information, by TPI and WCA) and the applicable codes pertaining to performance. The design of the truss shall be in accordance with the applicable codes. The manufacturer shall have a properly attached ridge capping. Locations shown for permanent lateral restraint or 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. The manufacturer shall be responsible for the design of the truss and for the proper installation of the truss. Failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation or 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-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, contact the nearest IBC office or write to IBC, 10000 Wilshire Blvd., Suite 1000, Los Angeles, CA 90024.

For more information, contact the nearest IBC office or write to IBC, 10000 Wilshire Blvd., Suite 1000, Los Angeles, CA 90024. TPI: www.tpinet.org; WCA: www.wcaindustry.com; IBC: www.iccinfo.org

Design Crit: FBC2010Res/TPI -2007(STG)

$$FT/RT = 12\% (0\%) / 10(0)$$

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

STATE OF FLORIDA
PROFESSIONAL ENGINEER
01/22/2013

01/22/2013

FL/-/5/-/-/R/-		Scale = .5"/Ft.
TC LL	40.0 PSF	REF R9114- 81561
TC DL	10.0 PSF	DATE 01/21/13
BC DL	5.0 PSF	DRW HCUSR9114 13021231
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	55.0 PSF	SEQN- 46850
DUR.FAC.	1.00	FROM SDY
SPACING	24.0"	JREF- 1UT39114Z03

(120912F--Anderson Truss Co. Patel Residence -- Lot 1 Hills Of Windsor , ** - F97)

Top chord 4x2 SP_#1_12A
Bot chord 4x2 SP_#1_12A
Webs 4x2 SP_#3_12A

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

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

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

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.

2-10-820.376"4-1-8

15" Typ.

1-0-0

1-0-0

12-4-0

2X4 ≡3X4 ≡1X3 ≡3X4 ≡3X4 ≡2X4 ≡

2.5X6 ≡3X4 ≡1X3 ≡3X4 ≡3X4 ≡2.5X6 ≡

R=478

H=H1

8-8-6 Over 2 Supports

R=478 W=3.531"

PLT TYP. Wave

ALPINE

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

Design Crit: FBC2010Res/TPI-2007(STB)
FT/RT=12%(0%)/10(0)

10.03.11.09.19

No 70861

OTV 2

FL/-5/-/-R/-

Scale = 5"/Ft.

William H. Krick
LICENSE
No 70861
STATE OF FLORIDA
PROFESSIONAL ENGINEER
01/22/2013

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) recommended practices prior to performing these functions. Installers shall provide temporary bracing post erection. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this drawing or cover page listing this drawing. 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. Refer to the BCSI/WTCA Sec. 2.1. This job's ITW-BCG: www.itwbcg.com; TPI: www.tpiinc.org; WTCA: www.abcdindustry.com; ICC: www.iccsafe.org

REF R9114- 81562

DATE 01/21/13

DRW HCUSR9114 13021232

HC-ENG JB/AP

SEQN- 46851

FROM SDY

JREF- 1UT39114Z03

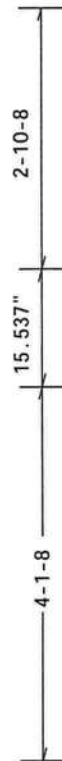
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Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

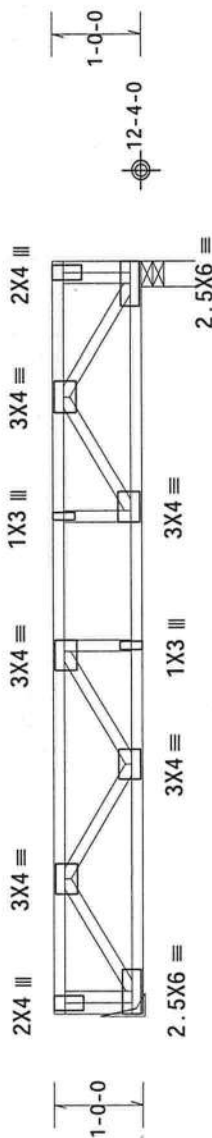
(H1) = (J) Hanger not calculated Unavailable supporting member.

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.



15" Typ.



R=456 W=3.454"

8-3-9 Over 2 Supports

R=456
H=H1

PLT TYP. Wave

Design Crit: FBC2010Res/TPI-2007(SpD)
FT/RT=12%(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. To ensure proper erection, the following instructions should be followed: (1) Use the latest edition of BGCS (Building Component Safety Information, by APA Research Corp., 1000 North 17th St., Suite 100, Portland, OR 97201) for bracing details. (2) All top chord members shall have property attached structural sheathing and batts installed. (3) All bottom chord members shall have property attached rigid ceiling. Locations shown for permanent lateral restraints shall have bracing installed per BGCS sections B3, B7 or B10, as applicable.

JTW Building Components Group Inc. (JTBWBCG) shall not be responsible for any deviation from the drawings or specifications. The manufacturer shall be responsible for any failure to build the truss in accordance with ANSI/TPI 1, or for handling, shipping, installation, or any other processing of the truss. 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 the design drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structures is the responsibility of the user. JTBWBCG, 9700 Highway 22, Suite 200, Houston, TX 77055. This job's estimated total cost is \$10,000.00. © 2008 JTBWBCG. www.jtwbcg.com. TPI: www.tpi.net.org; WTC: www.theindustry.com; ICC: www.iccsafe.org.



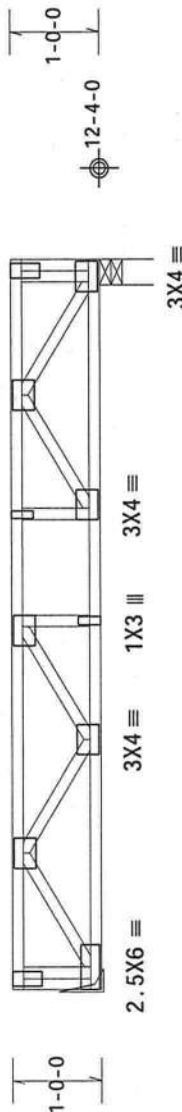
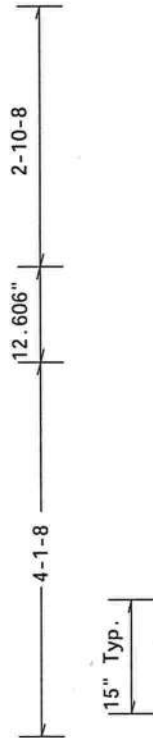
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TC DL	10.0 PSF	DATE	01/21/13
BC DL	5.0 PSF	DRW	HCUSR0114 13021233
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	55.0 PSF	SEQN-	46852
DUR.FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1UT39114Z03

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

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.

Truss must be installed as shown with top chord up.



R=443 W=3.403"

8-0-10 Over 2 Supports

R=443
H=H1Design Crit: $\text{FBC2010Res/TPI-2007(Std)}$
 $\text{FT/RT}=12\%(0\%)/10(0)$

PLT TYP: Wave

Scale = .5"/Ft.

ALPINE

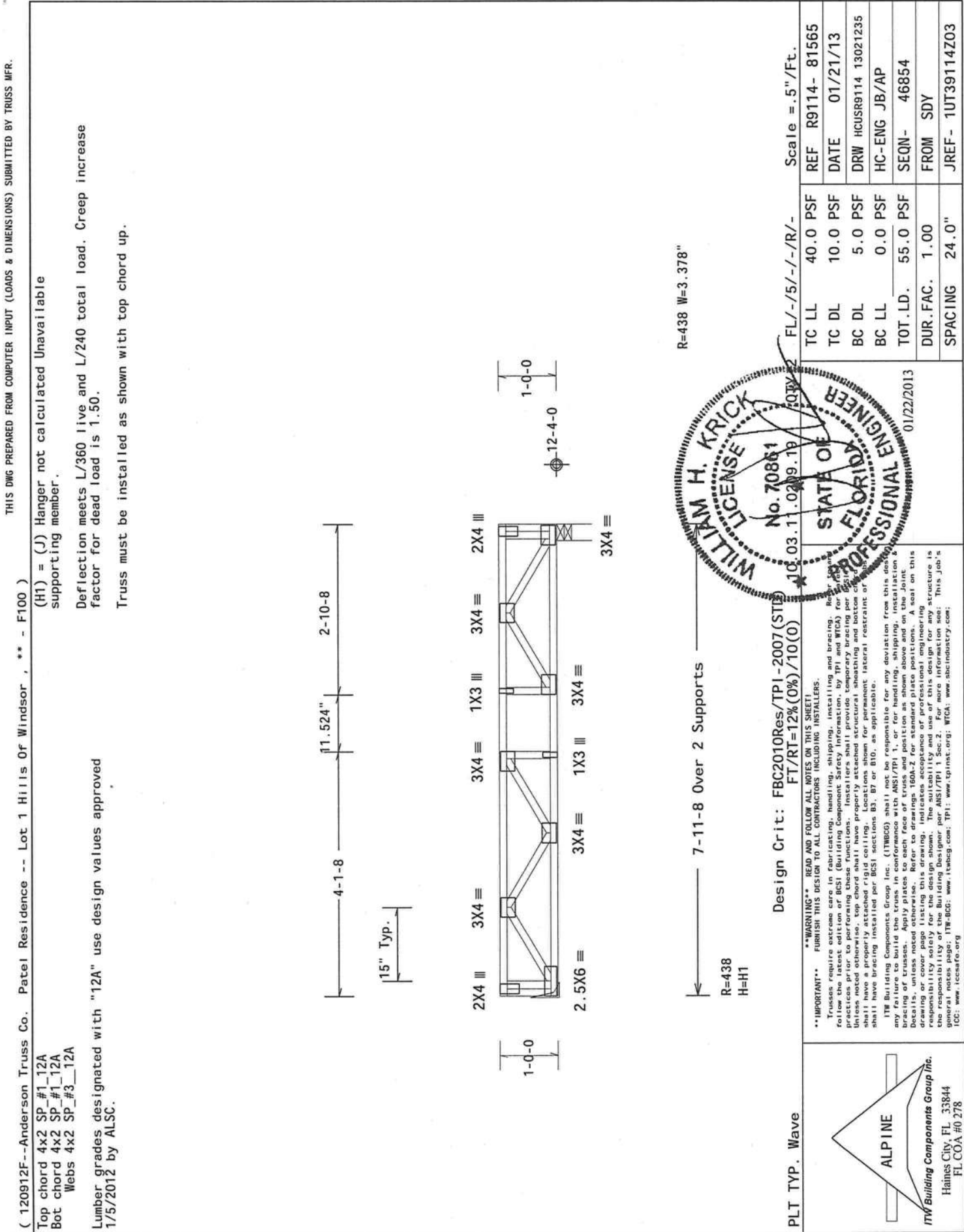
ITW Building Components Group Inc.
Haines City, FL 33844
Tel. 338.844

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

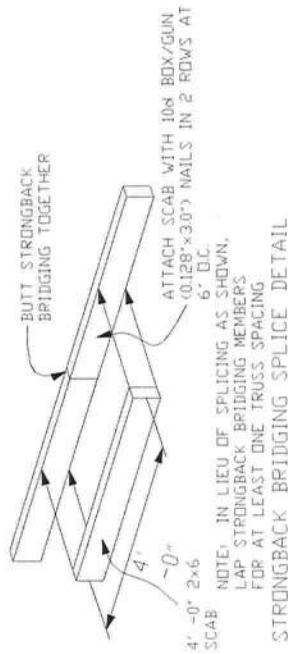
Trusses require extreme care in fabricating, handling, shipping, installing, and bracing. Refer to the latest edition of BCSI (Building Component Safety Information, by TPI and WICA) for all practices prior to performing these functions. Installers shall provide temporary bracing per BCSI unless noted otherwise. Top chord shall have priority over bottom chord for permanent lateral bracing. Top chord shall have priority over bottom chord for permanent lateral bracing. Bottom chord shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBG) shall not be responsible for any deviation from this design and specifications in connection with ANSI/TPI 1 or for handling, shipping, installing, or bracing of trusses. Apply plates to each rafter of trusses 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 the general notes page: ITW-BG: www.itwbcg.com; TPI: www.tpinet.com; WICA: www.sbcindustry.com.

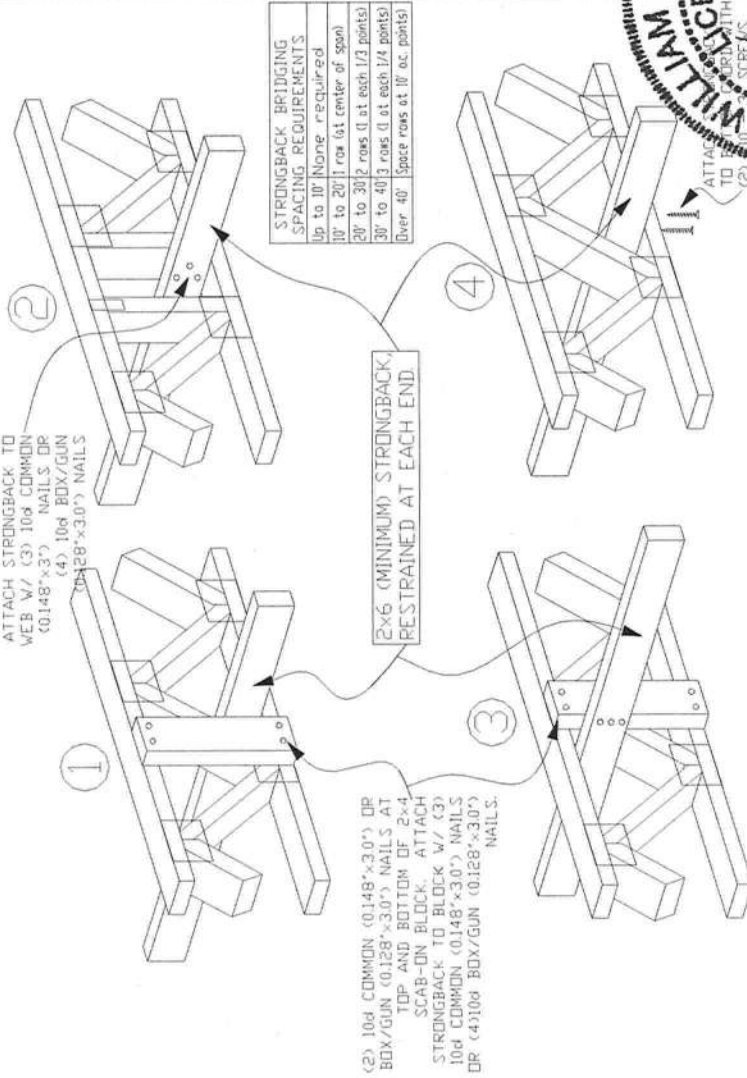
TC LL	40.0	PSF	REF	R9114- 81564
TC DL	10.0	PSF	DATE	01/21/13
BC DL	5.0	PSF	DRW	HCUSR9114 13021234
BC LL	0.0	PSF	HC-ENG	JB/AP
TOT. LD.	55.0	PSF	SEQN-	46853
DUR. FAC.	1.00		FROM	SDY
SPACING	24.0"		JREF-	1UT39114Z03



STRONGBACK BRIDGING RECOMMENDATIONS



NOTE: Details 1 and 2 are the preferred attachment methods



STRONGBACK BRIDGING ATTACHMENT ALTERNATIVES

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET.
Indicate section cut locations by drawing, shading, installing and bracing. Refer to the following code:
B Building Components Group Inc. Safety Information, TPI and VICAL for safety practices related to BCS1 Installation
C Consult the manufacturer's instructions for proper installation and performance of the product.
D Otherwise, top chord rail have properly attached structural panels and bottom chord shall have properly attached right gelling. Locations shown for permanent lateral restraint of eeds as indicated by the dashed line.
E Bracing installed per BCS1 sections B3 & B7. See the JOG's general notes page for more information.

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CENTER FOR ITM Building Components Group Inc. ITWBCCB shall not be responsible for any deviation from this design. Any failure to build the truss in accordance with TPI or fabricating, handling, shipping, installing & bracing of trusses. ITWBCCB connector plates are made of 2018/365A (N/A) ASTM A570 Grade 37(44)/60 (Kv/HVSS) galv steel. Apply plates to each face of truss, positioned as shown above and on joint details.

NOTES The truss cover page indicates acceptance and professional engineering responsibility solely for the truss component design shown. The suitability and use of this component for any building is the responsibility of the Building Designer per ANSI/TPI 1, Sec. 2.

ITW-BLG was retested.com, TPI www.tpinet.com, VICAL www.vical.org



TW
Building Components Group Inc.

Earth City, MO 63045

- ▶ All scab-on blocks shall be a minimum 2x4 "stress graded lumber."
- ▶ All strongback bridging and bracing shall be a minimum 2x6 "stress graded lumber."
- ▶ The purpose of strongback bridging is to develop load sharing between individual trusses, resulting in an overall increase in the stiffness of the floor system. 2x6 strongback bridging, positioned as shown in details, is recommended at 10' -0" o.c. (max.)

The terms "bridging" and "bracing" are sometimes mistakenly used interchangeably. "Bracing" is an important structural requirement of any floor or roof system. Refer to the Truss Design Drawing (TDD) for the bracing requirements for each individual truss component. "Bridging," particularly "strongback bridging" is a recommendation for a truss system to help control vibration. In addition to aiding in the distribution of point loads between adjacent truss, strongback bridging serves to reduce "bounce" or residual vibration resulting from moving point loads, such as footsteps.

The performance of all floor systems are enhanced by the installation of strongback bridging and therefore is strongly recommended by ITW Building Components Group Inc.

For additional information regarding strongback bridging, refer to BCSI (Building Component Safety Information).

TC LL	PSF	REF	STRNGBACK
TC DL	PSF	DATE	2/28/11
BC DL	PSF	DRWG	STRBRI0211
BC LL	PSF		
TOT. LD.	PSF		
DUR. FAC.	1.00		
SPACING			

01/22/2013

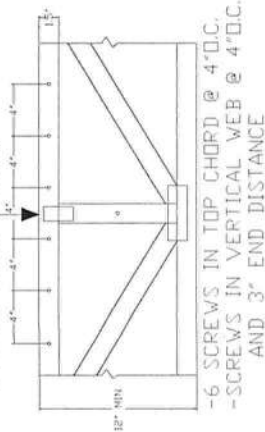
Jan 22 '13



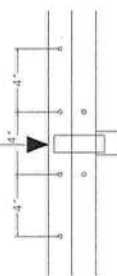
SYSTEM 42 PLY TO PLY CONNECTION DETAIL

USING SIMPSON 1/4" x 6" STRONG DRIVE SCREWS OR EQUAL.

MAX. CONCENTRATED LOAD
AS PER CHART BELOW

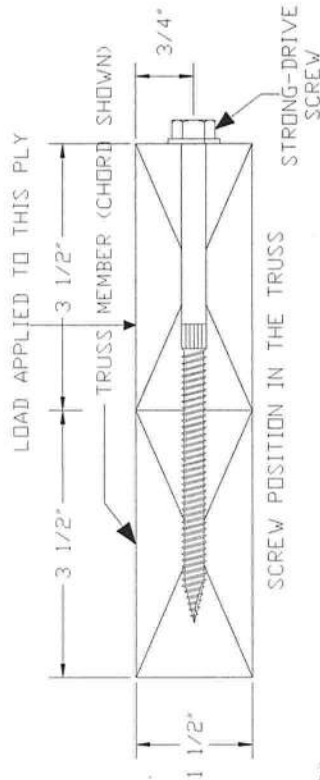


FOR DOUBLE TOP CHORDS
USE (4) SCREWS IN UPPER TOP CHORD
USE (2) SCREWS IN LOWER TOP CHORD
MAX. CONCENTRATED LOAD
AS PER CHART BELOW



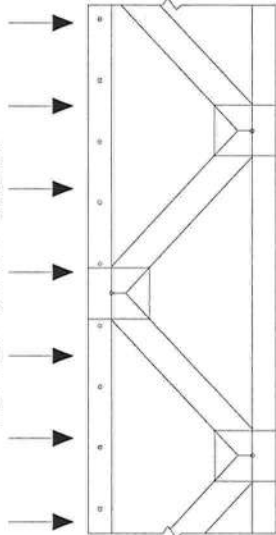
SCREWS CAN BE EQUALLY DIVIDED
(ROUND UP TO THE NEAREST WHOLE
NUMBER) INTO MULTIPLE VERTICALS.
USE A MINIMUM OF (1) SCREW PER
VERTICAL.

REFER TO ITWBCG SEALED DRAWING
FOR INDIVIDUAL TRUSS DESIGN.



- GENERAL NOTES:
1. SCREWS CENTERED ALONG THE 15" DIMENSION OF THE 4x2 MEMBER.
 2. MINIMUM END DISTANCE OF 3".
 3. SCREWS INSTALLED WITH HEAD IN LOADED MEMBER.
 4. GAP BETWEEN PLYS NOT TO EXCEED 1/8".
 5. HOLES NOT ALLOWED THRU A METAL CONNECTOR PLATE.
 6. SCREW LOCATION MAY BE ADJUSTED UP TO 1" TO AVOID CONFLICT WITH OTHER HARDWARE OR TO AVOID LUMBER DEFECTS.
 7. DO NOT INSTALL SCREWS IN AREAS WHERE LUMBER WANE EXCEEDS 1/4".
 8. CONCENTRATED LOADS TO BE APPLIED AT TRUSS PANEL POINT WITH VERTICAL WEB.
 9. FLOOR SHEATHING IS ASSUMED TO BE SECURELY FASTENED TO EACH TRUSS TOP CHORD.
 10. FOR 3x2 MEMBERS USE SIMPSON'S 1/4"x4.5" SDS SCREWS OR EQUAL.
 11. CONTACT ITWBCG FOR SPECIAL CONNECTIONS NOT COVERED BY THIS DETAIL.

MAX. UNIFORM LOAD
AS PER CHART BELOW



TOP CHORD SCREW SPACING PER CHART BELOW
(FOR SINGLE TOP CHORD ONLY)

UNIFORM LOADS

FOR DOUBLE TOP CHORD THE TOP
CHORD SCREW O.C. SPACING MAY BE
DOUBLED, (BUT MAY NOT EXCEED
24" O.C. PER CHORD) SCREW SPACING
SHALL BE OFFSET BY 1/2 THE
O.C. SPACING IN EACH CHORD.

TOP CHORD SCREW O.C. SPACING (INCH)	MAXIMUM UNIFORM LOAD (PLF)
4	1440
6	960
8	720
10	576
12	480
14	411
16	360
18	320
20	288
22	261
24	240



WARNING: READ AND FOLLOW ALL NOTES ON THIS SHEET.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the ITW Building Components Group Inc. (ITWBCG) for safety practices. ITWBCG provides detailed instructions for performing these functions. Installers shall provide temporary bracing per BC31. Unless noted otherwise, top chord shall have properly attached structural bracing and bottom chord shall have properly attached structural bracing. See the ITWBCG website for more information.

IMPORTANT: FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR.

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



Building Components Group Inc.

Earth City, MO 63045

TC LL	PSF	REF	SY42 CONNECTION
TC DL	PSF	DATE	1/1/09
BC DL	PSF	DRWG	CNSY42PL0109
BC LL	PSF		
TOT. LD.	PSF		
DUR. FAC.	1.00		
SPACING			