

2x12 HIP/VALLEY RAFTER

(2) MTS10 STRAPS EACH END

TRIPLE 2x4 COLUMN TO LOWEST BEARING POINT

ICE SHEDDER

FLIP TRUSSES

(2) MTS10 TOP AND BOTTOM

(3) SPD

GLASS

DETAIL NO SCALE

TYPICAL PRE-ENGINEERED WOOD ROOF TRUSSES AT 24" O.C.

TA-02

TA-01

TA-04

10'-0"

13'-0"

13'-0"

5'-1 1/2"

3'-0"

HIP RAFTER

VALLEY RAFTER

DETAIL NO 9346

PLATE NO SCALE

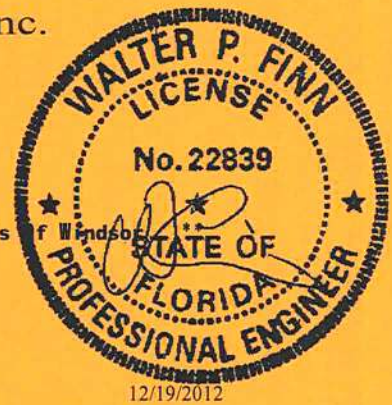
PATEL RESIDENCE
HILLS OF WINDSOR, LOT 1
COLUMBIA COUNTY, FLORIDA

HIP & VALLEY RAFTER
HOLD-DOWN / BRG. DETAIL

31 Dec 2013

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 3 Document ID: IUS59114Z0519164141



Truss Fabricator: **Anderson Truss Company**
Job Identification: **120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills of Windsor**
Truss Count: **302**
Model Code: **Florida Building Code 2010**
Truss Criteria: **FBC2010Res/TPI-2007(STD)**
Engineering Software: **Alpine Software, Version 10.03.**
Structural Engineer of Record: **The identity of the structural EOR did not exist as of the seal date per section 61615-31.003(5a) of the FAC**
Address: **Roof - 40.0 PSF @ 1.25 Duration**
Minimum Design Loads: **Floor - 55.0 PSF @ 1.00 Duration**
Wind - 120 MPH ASCE 7-10 -Closed

Notes:

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

Walter P. Finn
-Truss Design Engineer-

1950 Marley Drive
Haines City, FL 33844

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

#	Ref	Description	Drawing#	Date
1	86977--F1		12354012	12/19/12
2	86978--F2		12354013	12/19/12
3	86979--F3		12354014	12/19/12
4	86980--F4		12354015	12/19/12
5	86981--F5		12354016	12/19/12
6	86982--F6		12354017	12/19/12
7	86983--F7		12354018	12/19/12
8	86984--F8		12354019	12/19/12
9	86985--F9		12354020	12/19/12
10	86986--F10 2-PLY		12354021	12/19/12
11	86987--F11		12354007	12/19/12
12	86988--F12		12354022	12/19/12
13	86989--F13		12354023	12/19/12
14	86990--F14		12354024	12/19/12
15	86991--F15		12354025	12/19/12
16	86992--F16		12354026	12/19/12
17	86993--F17		12354027	12/19/12
18	86994--F18		12354028	12/19/12
19	86995--F19		12354029	12/19/12
20	86996--F20		12354030	12/19/12
21	86997--F20A		12354031	12/19/12
22	86998--F21		12354008	12/19/12
23	86999--F22		12354032	12/19/12
24	87000--F23		12354033	12/19/12
25	87001--F24 2-PLY		12354034	12/19/12
26	87002--F25 3-PLY		12354035	12/19/12
27	87003--F26		12354036	12/19/12
28	87004--F27		12354009	12/19/12
29	87005--F28		12354037	12/19/12
30	87006--F29		12354038	12/19/12
31	87007--F30		12354039	12/19/12
32	87008--F31		12354040	12/19/12
33	87009--F32		12354041	12/19/12
34	87010--F33		12354042	12/19/12
35	87011--F34		12354043	12/19/12
36	87012--F35		12354044	12/19/12
37	87013--F36		12354010	12/19/12
38	87014--F37		12354045	12/19/12

#	Ref	Description	Drawing#	Date
39	87015--F38		12354046	12/19/12
40	87016--F39		12354047	12/19/12
41	87017--F40		12354048	12/19/12
42	87018--F41		12354049	12/19/12
43	87019--F42		12354050	12/19/12
44	87020--F43		12354051	12/19/12
45	87021--F44		12354052	12/19/12
46	87022--F45		12354053	12/19/12
47	87023--F46		12354054	12/19/12
48	87024--F47		12354055	12/19/12
49	87025--F48		12354056	12/19/12
50	87026--F49		12354057	12/19/12
51	87027--F50		12354058	12/19/12
52	87028--F51		12354059	12/19/12
53	87029--F52		12354060	12/19/12
54	87030--F53		12354061	12/19/12
55	87031--F54		12354062	12/19/12
56	87032--F55		12354063	12/19/12
57	87033--F56		12354064	12/19/12
58	87034--F57		12354065	12/19/12
59	87035--F58		12354066	12/19/12
60	87036--F59		12354067	12/19/12
61	87037--F60		12354068	12/19/12
62	87038--F61		12354069	12/19/12
63	87039--F62		12354070	12/19/12
64	87040--F63		12354071	12/19/12
65	87041--F64		12354072	12/19/12
66	87042--F65		12354073	12/19/12
67	87043--F66		12354074	12/19/12
68	87044--F67		12354075	12/19/12
69	87045--F68		12354076	12/19/12
70	87046--F69		12354077	12/19/12
71	87047--F70		12354078	12/19/12
72	87048--F71		12354079	12/19/12
73	87049--F72		12354080	12/19/12
74	87050--F73		12354081	12/19/12
75	87051--F74 2-PLY		12354082	12/19/12
76	87052--F75		12354083	12/19/12

#	Ref	Description	Drawing#	Date
77	87053--F76		12354183	12/19/12
78	87054--F77		12354266	12/19/12
79	87055--F78		12354267	12/19/12
80	87056--F79		12354248	12/19/12
81	87057--F80		12354249	12/19/12
82	87058--F81		12354274	12/19/12
83	87059--F82 2-PLY		12354217	12/19/12
84	87060--F83		12354218	12/19/12
85	87061--F84		12354271	12/19/12
86	87062--F85		12354255	12/19/12
87	87063--F86		12354256	12/19/12
88	87064--F87		12354084	12/19/12
89	87065--F88 3-PLY		12354085	12/19/12
90	87066--F89		12354086	12/19/12
91	87067--F90		12354087	12/19/12
92	87068--F91		12354011	12/19/12
93	87069--F92		12354088	12/19/12
94	87070--F93		12354186	12/19/12
95	87071--F94		12354187	12/19/12
96	87072--F95		12354188	12/19/12
97	87073--F96		12354184	12/19/12
98	87074--F97		12354176	12/19/12
99	87075--F98		12354177	12/19/12
100	87076--F99		12354175	12/19/12
101	87077--F100		12354185	12/19/12
102	87078--FG1 2-PLY		12354272	12/19/12
103	87079--FG2 2-PLY		12354189	12/19/12
104	87080--FG3 3-PLY		12354273	12/19/12
105	87081--FG4 2-PLY		12354257	12/19/12
106	87082--WG1 4-PLY		12354307	12/19/12
107	87083--WG2 3-PLY		12354308	12/19/12
108	87084--WG3 2-PLY		12354294	12/19/12
109	87085--R1		12354182	12/19/12
110	87086--R2		12354129	12/19/12
111	87087--R3		12354128	12/19/12
112	87088--R4 2-PLY		12354259	12/19/12
113	87089--R5		12354130	12/19/12
114	87090--R6		12354131	12/19/12



(120912)--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - F1)

Top chord 4x2 SP_#2_12A
Bot chord 4x2 SP_#2_12A
Webs 4x2 SP_#2_12A

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

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

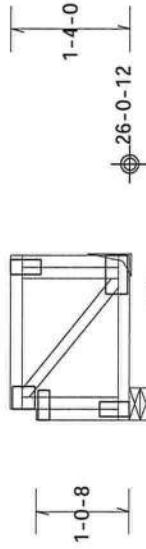
Deflection meets L/360 live and L/240 total load. Creep increase
factor for dead load is 1.50.

Truss must be installed as shown with top chord up.

15.865" Typ.

3X3

1.5X4(R) 2X4



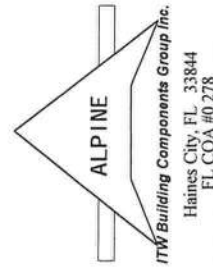
2X4

1-9-14 Over 2 Supports

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

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

PLT TYP. Wave



Scale = .5" / Ft.

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

TC LL	40.0 PSF	REF	R9114- 86977
TC DL	10.0 PSF	DATE	12/19/12
BC DL	5.0 PSF	DRW	HCUSR9114 12354012
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT. LD.	55.0 PSF	SEQN-	285813
DUR. FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - F2)

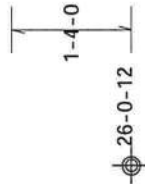
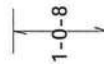
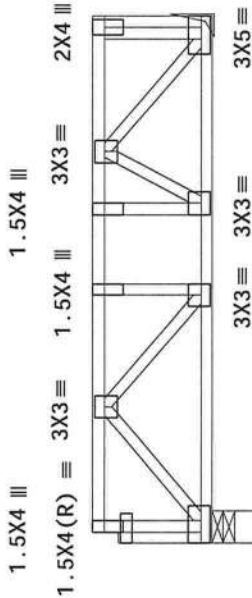
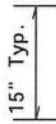
Top chord 4x2 SP #2_12A
Bot chord 4x2 SP #2_12A
Webs 4x2 SP #2_12A

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

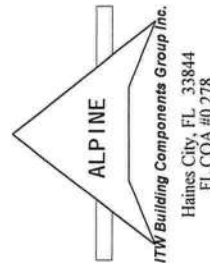
(H1) = (J) Hanger not calculated (2)2x8 SP #1_Dense_12A
supporting member.

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

Truss must be installed as shown with top chord up.



PLT TYP. Wave



Design Crit: FBC2010Res/TPI-2007(ST)

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

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

TC LL	40.0 PSF	REF	R9114- 86978
TC DL	10.0 PSF	DATE	12/19/12
BC DL	5.0 PSF	DRW	HCUSR9114 12354013
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	55.0 PSF	SEQN-	285814
DUR.FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05



****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information, by TPI and WIGA) 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 battens 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 any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation or any other use of the truss. Refer to drawings 160A-2 for standard plate positions. A seal on this drawing or cover page listing this drawing, the suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This Job's general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; WIGA: www.wigaindustry.com; ICC: www.iccsafe.org

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

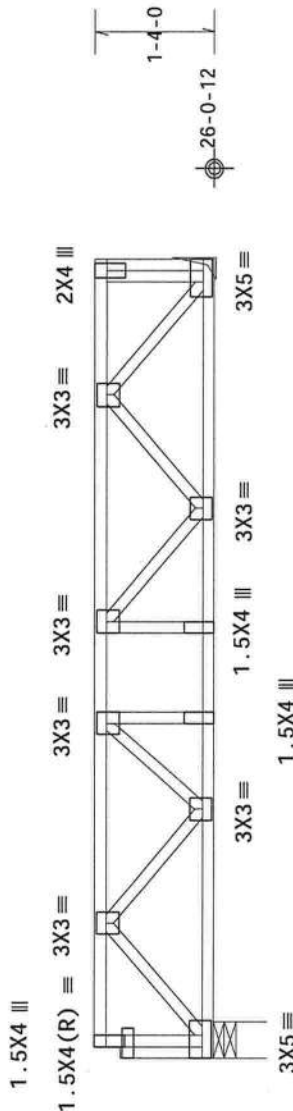
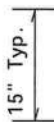
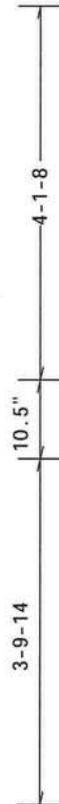
Top chord 4x2 SP #2_12A
Bot chord 4x2 SP #2_12A
Webs 4x2 SP #2_12A

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

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

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

Truss must be installed as shown with top chord up.



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



Design Crit: FBC2010Res/TPI-2007(S10)
FT/RT=12%(0%)/10(0)

PLT TYP. Wave

Scale = .5"/Ft.	FL/-/5/-/R/-	REF	R9114- 86979
TC LL	40.0 PSF	DATE	12/19/12
TC DL	10.0 PSF	DRW	HCU9114 12354014
BC DL	5.0 PSF	HC-ENG	WHK/WHK
BC LL	0.0 PSF	SEQN-	285815
TOT. LD.	55.0 PSF	FROM	SDV
DUR. FAC.	1.00	JREF-	1US59114Z05
SPACING	24.0"		

ALPINE

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

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and WIGA) practices prior to performing these functions. Installers shall provide temporary bracing per details noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint 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. 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; WIGA: www.wigaindustry.com; IBCI: www.icbinfo.org

(120912)--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - F4)

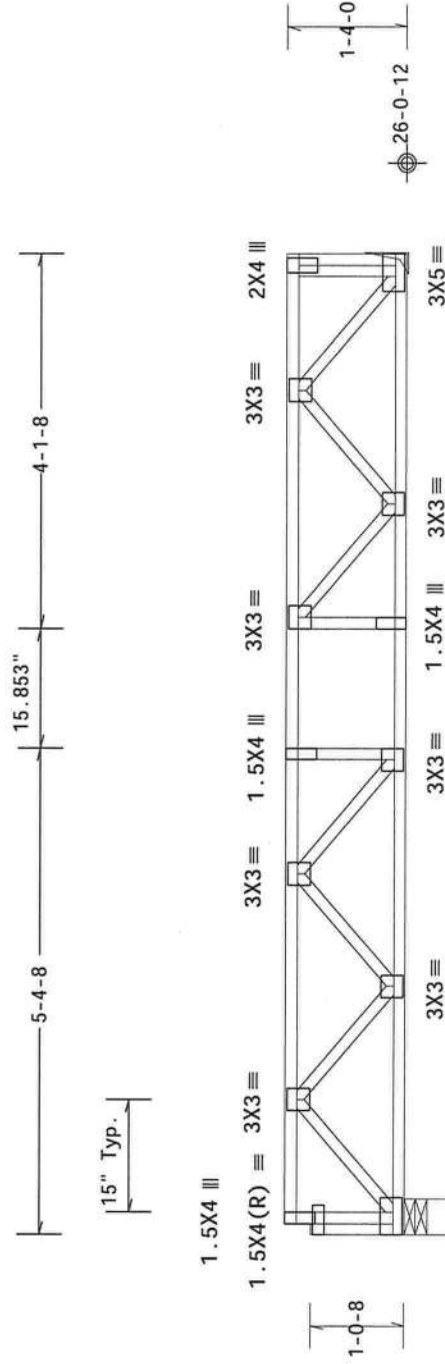
Top chord 4x2 SP_#2_12A
Bot chord 4x2 SP_#2_12A
Webs 4x2 SP_#2_12A

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

Truss must be installed as shown with top chord up.

See detail STRBRIBR0211 for bracing and bridging recommendations.
(H1) = (J) Hanger not calculated (2)2x8 SP_#1_Dense_12A
supporting member.

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



10-9-14 Over 2 Supports

R=582 W=4.875"



PLT TYP. Wave

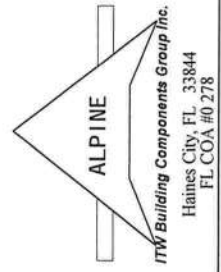
Design Crit: FBC2010Res/TPI-2007(ST)

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

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

Scale = .5" / Ft.

TC LL	40.0 PSF	REF	R9114- 86980
TC DL	10.0 PSF	DATE	12/19/12
BC DL	5.0 PSF	DRW	HCUSR9114 12354015
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	55.0 PSF	SEQN-	285816
DUR. FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05



****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for practices prior to performing these functions. Installers shall provide temporary bracing per details noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of 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 any other use of the truss in any position as shown above and on the Joint Details, unless noted otherwise. Refer to drawing 160A.2 for details.
drawing or cover page listing this design shown. The suitability and use of this design for any structure is the responsibility solely of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This job's general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpiinc.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

Top chord	4x2	SP_#2_12A
Bot chord	4x2	SP_#2_12A
Webbs	4x2	SP_#2_12A

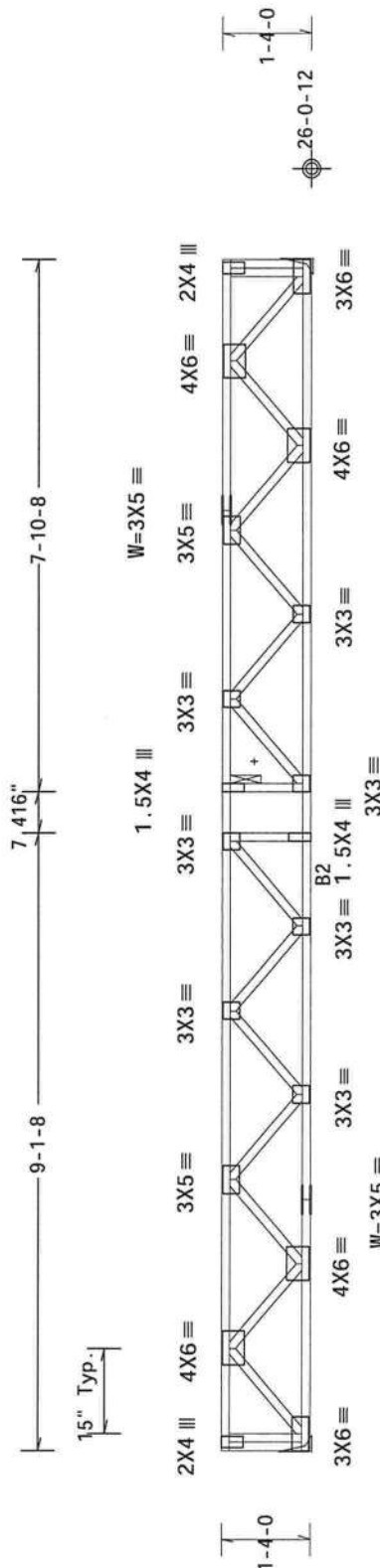
lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

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

STRBIBR0211 for bracing and bridging recommendations.

(H1) = (J)	Hanger	not calculated	(4)2x8 SP_#1_Dense_12A
	supporting member.		
(H2) = (J)	Hanger	not calculated	(3)2x8 SP_#1_Dense_12A
	supporting member.		

Truss must be installed as shown with top chord up.



17-7-7 Over 2 Supports

R=969
H=H1

PLT TYP. Wave

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

FI / - / 5 / - / - / R / - /
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. Refer to the latest edition of BCSI (Building Component Safety) Information, by TPI and WTCA for proper bracing and installation details. Trusses are designed for a specific load and span. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint or bracing shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBOD) 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 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. The liability and use of this design for any structure is the responsibility of the user. For more information, refer to ANSI/TPI 1. For general notes page: ITW-BOD: www.itwbod.com, TPI: www.tpinet.org, WTCA: www.abctindustry.com; ICC: www.iccsafe.org

12/19/2012

TC LL	40.0	PSF	REF	R9114- 86981
TC DL	10.0	PSF	DATE	12/19/12
BC DL	5.0	PSF	DRW	HCUSR9114 12354016
BC LL	0.0	PSF	HC-ENG	WHK/WHK
TOT. LD.	55.0	PSF	SEQN-	285817
DUR. FAC.	1.00		FROM	SDY
SPACING	24.0"		JREF-	1US59114Z05

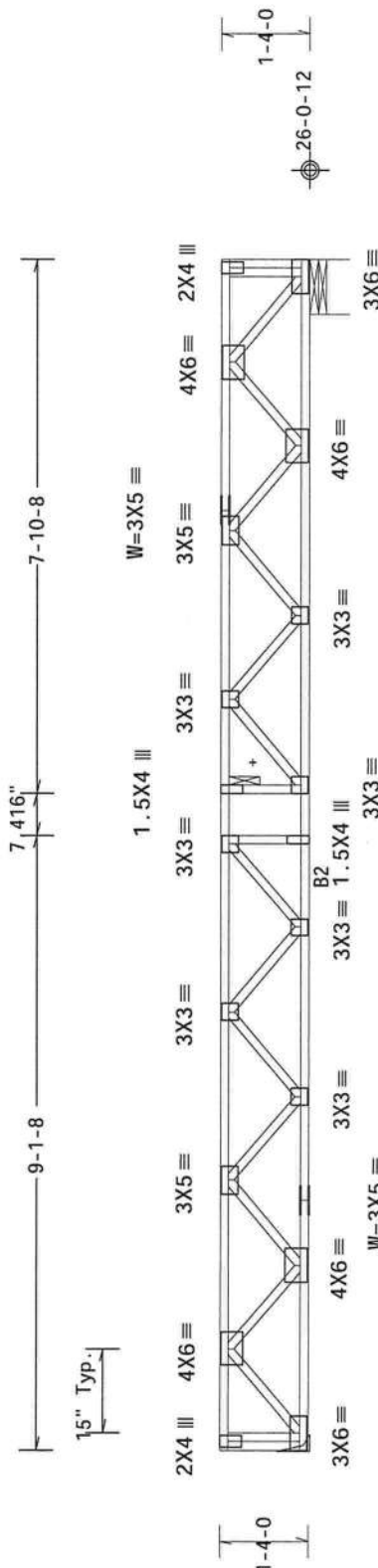
Top chord 4x2 SP_#2_12A
Bot chord 4x2 SP_#2_12A : B2 4x2 SP_#1_Dense_12A:
Webs 4x2 SP_#2_12A

+ 2x6 continuous strongback. See detail STRBIBR0211 for bracing and bridging recommendations.

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



$R=969$
 $I=H1$
 $17-7-7$ Over 2 Supports $W=9.667''$

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

PLT TYP. Wave

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

TTC LL	40.0 PSF	REF R9114- 86982
TTC DL	10.0 PSF	DATE 12/19/12
BC DL	5.0 PSF	DRW HCUSR9114 12354017
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT. LD.	55.0 PSF	SEQN- 285818
DUR. FAC.	1.00	FROM SDY
SPACING	24.0"	JREF- 1US9114Z05

12/19/2012

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

IMPORTANT

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. The author or Building Components Group Inc., (ITWBCG) assumes no responsibility for any accidents prior to or after erection of these trusses. If you are not familiar with the details 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 shall have bracing installed per BCIS sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc., (ITWBCG) shall not be responsible for any deviation from drawings if your failure to build in conformance with ANSI/TPI 1-1, or for handling, shipping, installation or bracing of trusses. Apply plates to each face of truss and position as shown above and on the following pages. Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. A drawing or cover page listing this drawing. The acceptance of professional engineering responsibility solely for the design shown. Assume full responsibility for the design shown. The responsibility of Building Components Group Inc., (ITWBCG) shall not be assumed. For more information see: www.itscgaftg.org, info@itwbcg.com, www.print.org. ITWCA; www.itwca.com.



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

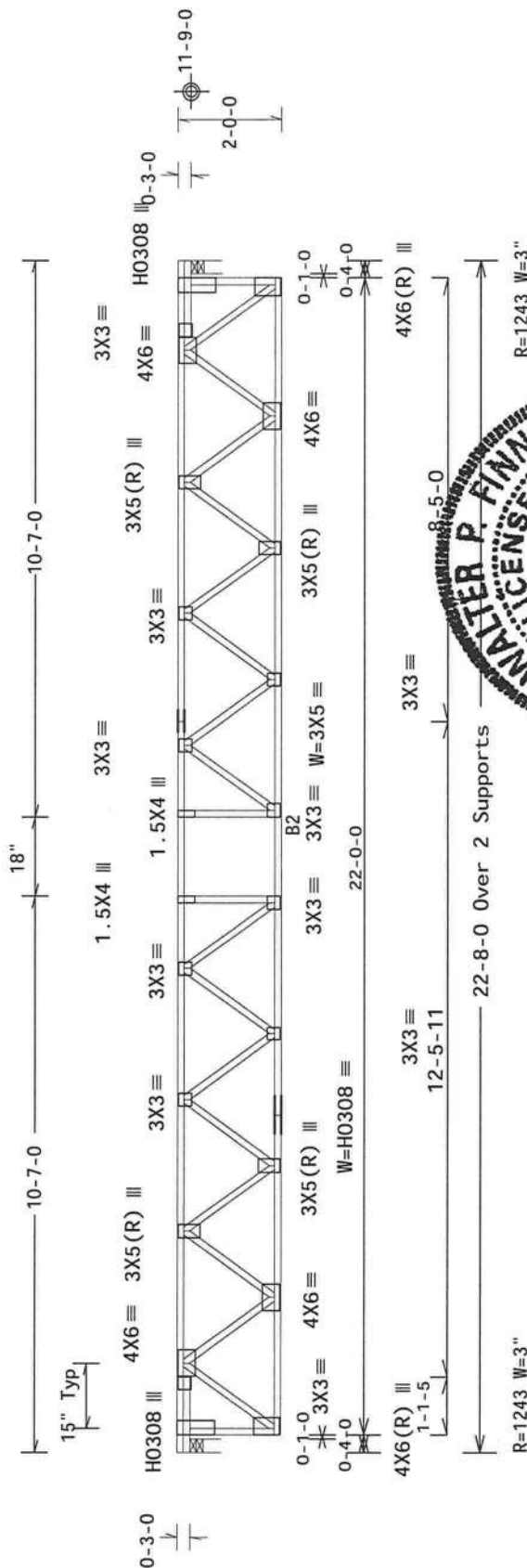
See detail STRBRIBR0211 for bracing and bridging recommendations.

Max JT VERT DEFL: LL: 0.32" DL: 0.22" recommended camber 1/4"

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. 20 Gauge HS, Wave

Design Crit: FBC2010Res/TP1-2007(ST)
FT/RT=12%(0%)/10(0)

Scale = .3125"/Ft.

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

FL COA #0 278

12/19/2012

STATE OF FLORIDA

PROFESSIONAL ENGINEER

****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 notes and drawings for complete details. Trusses are to be installed in accordance with the manufacturer's instructions. Trusses are to be installed in accordance with the manufacturer's instructions. Trusses are to be installed in accordance with the manufacturer's instructions.

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"	

REF R9114- 86983

DATE 12/19/12

DRW HCUSR9114 12354018

HC-ENG WHK/WHK

SEQN- 285819

FROM SDY

JREF- 1US59114Z05

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - F8)

Top chord 4x2 SP_#2_12A
Bot chord 4x2 SP_#2_12A
Webs 4x2 SP_#2_12A

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

(H1) = (J) Hanger not calculated (1)4x2 SP_#2_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.



15" Typ.

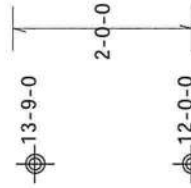
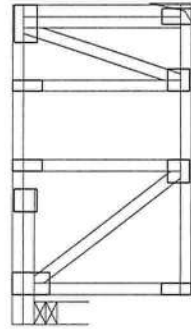
3X3 ≡

1.5X4 ≡

3X5 (R) ≡

1.5X4 ≡

0-3-0



1.5X4 ≡ 3X3 ≡

2X4 ≡

3-2-8

< 3-6-8 Over 2 Supports >

R=184 W=3"

R=202

H=H1

PLT TYP. Wave

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

No. 22839

03 19 2012

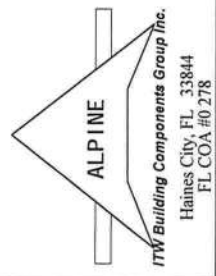
FL/-/5/-/-/R/-

Scale = .5"/Ft.

TC LL	40.0 PSF	REF	R9114- 86984
TC DL	10.0 PSF	DATE	12/19/12
BC DL	5.0 PSF	DRW	HCU9114 12354019
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT. LD.	55.0 PSF	SEON-	285820
DUR. FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1U559114Z05



****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Be sure to follow the latest edition of BCSI (Building Component Safety Information, by TPI and WCA) for practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of truss shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing. The user of this design shall be responsible for the design and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This Job's general notes page. ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; WCA: www.sbcindustry.com; IBC: www.international.org



Top	chord	4x2	SP_#2	12A
Bot	chord	4x2	SP_#2	12A
	Webs	4x2	SP_#2	12A

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

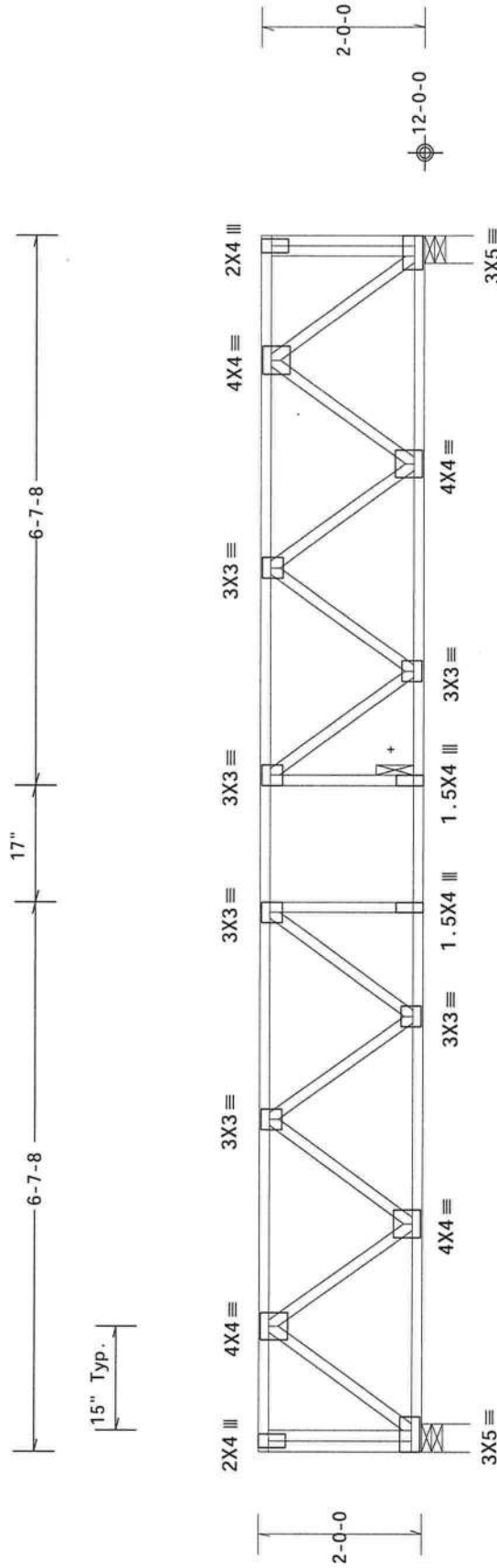
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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 W=4"

R=11.32 W=4"

PLT TYP. Wave

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

3:10 122310

Scale = .5"/Ft.

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

Trouses require extreme care in fabricating, handling, shipping, installing and bracing. For the latest edition of BCSI (Building Component Safety Information, by TPI and WICA) practices in the use of safety harnesses, see *Practical Safety Information for Fall Protection*. Unless noted otherwise, top chord shall have properly attached structural shorting and bottom chord shall have a properly attached rigid coiling. Locations shown for permanent restraint shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCC) 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, 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 Specification. ITW-BCC: The Building Designer par ANSI/TPI-1 Sec.2. For more information see: ITW Building Components Group Inc. Website: www.itwbuilding.com; ITBCC: info@itwbcc.com



TC LL	40.0	PSF	REF	R9114-	86985
TC DL	10.0	PSF	DATE	12/19/12	
BC DL	5.0	PSF	DRW	HCUSR9114	12354020
BC LL	0.0	PSF	HC-ENG	WHK/WHK	
TOT.LD.	55.0	PSF	SEQN-	285589	
DUR.FAC.	1.00		FROM	SDY	
SPACING	24.0"		JREF-	1US9114Z05	

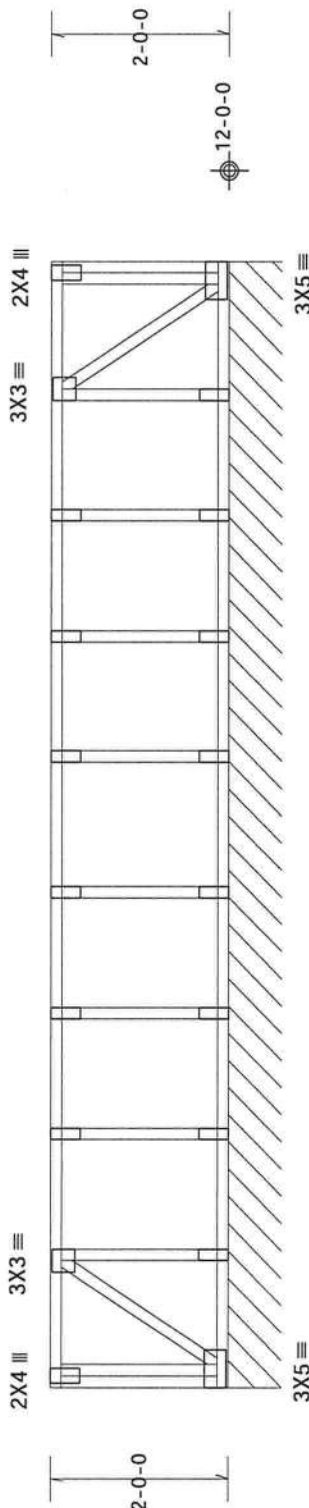
See detail STRBR|BR0211 for bracing and bridging recommendations.

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

Truss must be installed as shown with top chord up.

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.



12-5-0 Over Continuous Support

R=110 PLF W=12-5-0

Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave

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

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

TC LL	40.0	PSF	REF	R9114-	86987
TC DL	10.0	PSF	DATE	12/19/12	
BC DL	5.0	PSF	DRW	HCUSR9114	12354007
BC LL	0.0	PSF	HC-ENG	WHK/WHK	*
TOT.LD.	55.0	PSF	SEQN-	285821	
DUR.FAC.	1.00		FROM	SDY	
SPACING	24.0"		JREF-	1US59114Z05	

12/19/2012

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

FL COA #0 278

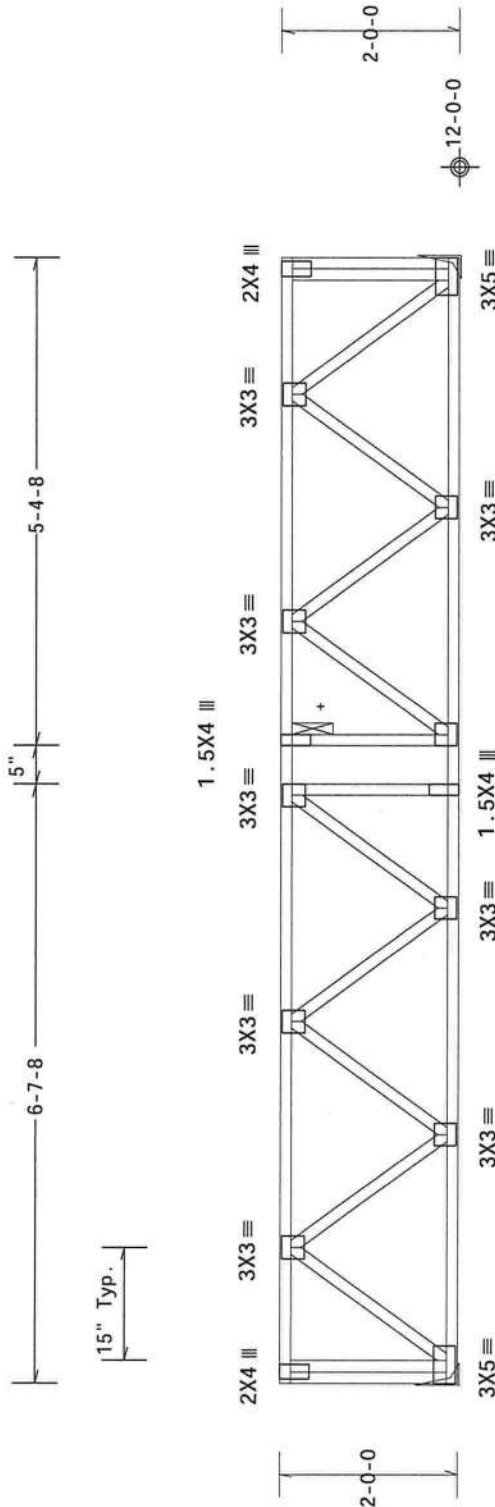


(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor, ** - F12)

Top chord 4x2 SP #2_12A
Bot chord 4x2 SP #2_12A
Webs 4x2 SP #2_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.



R=683
H=H1

12-5-0 Over 2 Supports

PLT TYP. Wave

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

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

TC LL	40.0 PSF	REF	R9114- 86988
TC DL	10.0 PSF	DATE	12/19/12
BC DL	5.0 PSF	DRW	HCUSR9114 12354022
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	55.0 PSF	SEQN-	285822
DUR.FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05

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

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET.
****IMPORTANT**** FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Component Safety) Information, by TPI and WICA for practices prior to performing these functions. Installers shall provide temporary bracing per BCSI unless noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design 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 Bracing Diagram. This design is the property of ITWBCG and is not to be reproduced without the written consent of ITWBCG. The responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This job's general notes page: ITW-BG: www.itwbcg.com; TPI: www.tpiinst.org; WICA: www.alcindustry.com; ICC: www.iccsafe.org

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

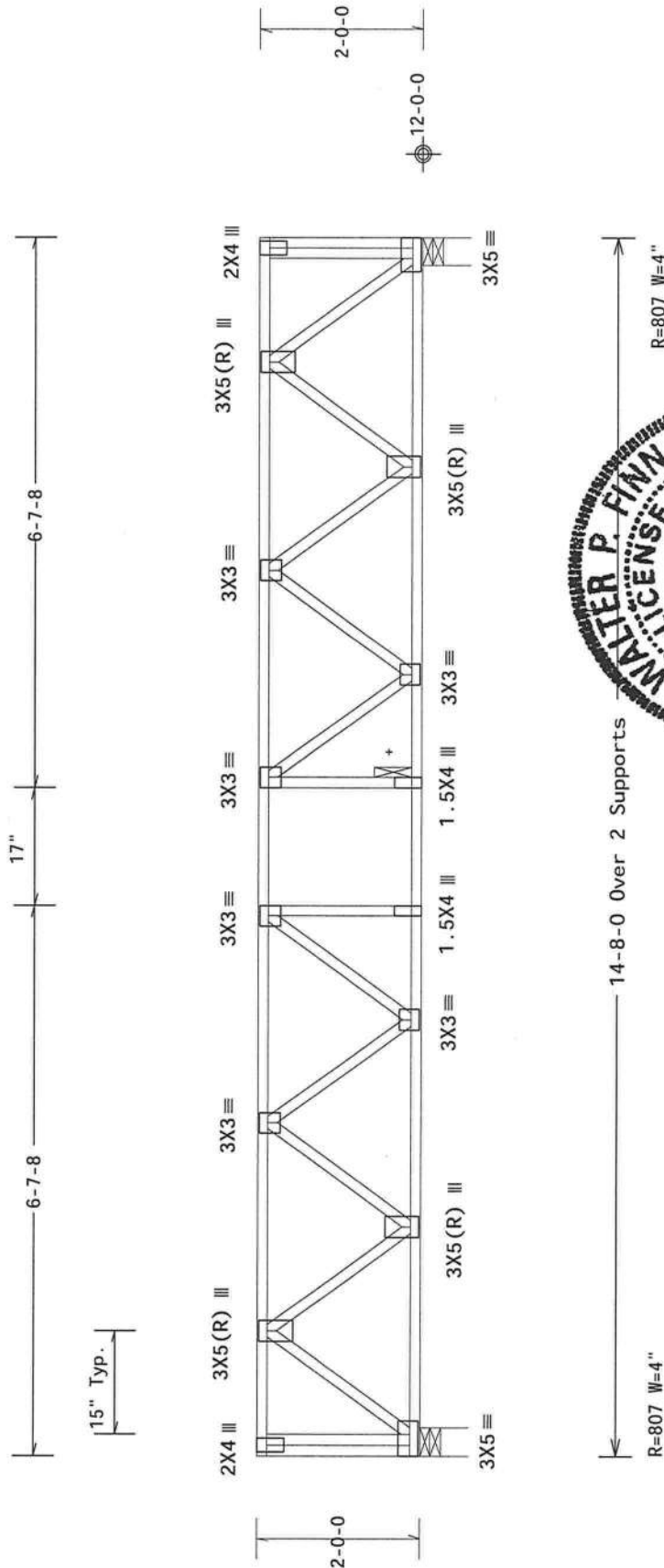
Top chord 4x2 SP #2_12A
Bot chord 4x2 SP #2_12A
Webs 4x2 SP #2_12A

+ 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.



PLT TYP. Wave

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

Scale = .5" / Ft.

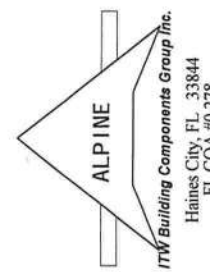
TC LL	40.0 PSF	REF	R9114- 86989
TC DL	10.0 PSF	DATE	12/19/12
BC DL	5.0 PSF	DRW	HCU9114 12354023
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT. LD.	55.0 PSF	SEQN-	285823
DUR. FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05



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

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

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of the truss. Refer to drawings 160A-2 for standard plate positions. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This Job's general notes page. ITW-BCG: www.itwbcg.com; TPI: www.tpiinc.org; WTCA: www.alcindustry.com; ICSI: www.iccsafe.org



(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor, ** - F14)

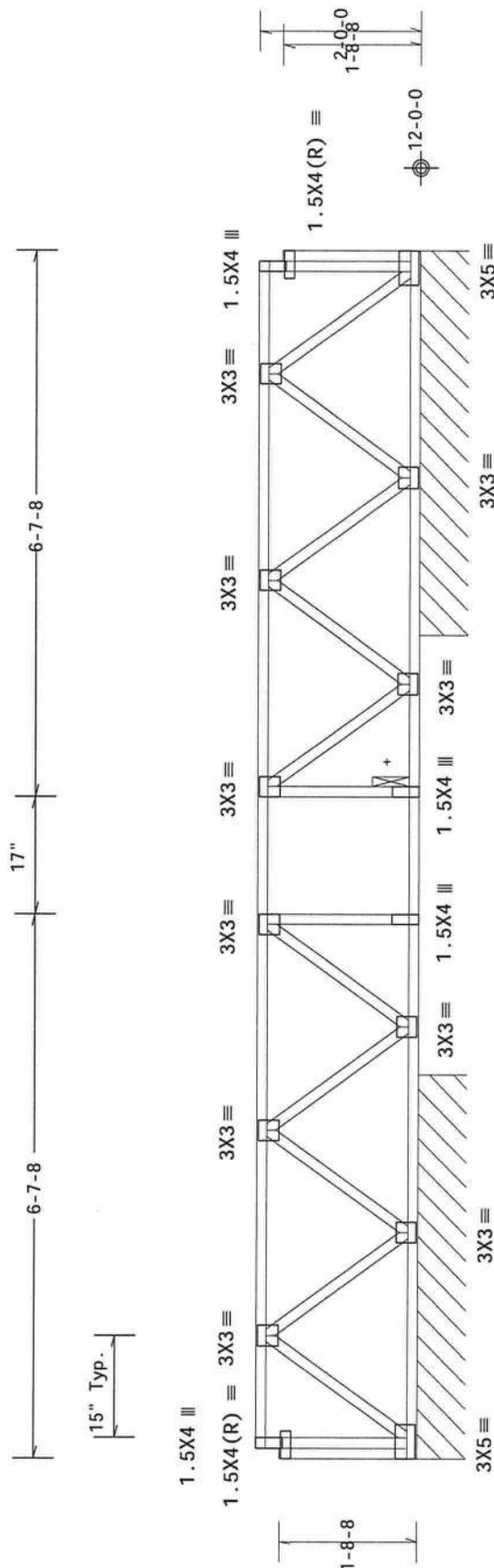
Top	chord	4x2	SP_#2	12A	
Bot	chord	4x2	SP_#2	12A	
	Webs	4x2	SP_#2	12A	

+ 2x6 continuous strongback. See detail STRBIBR0211 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

PLT TYP: Wave

Design Crit: EBC2010Res/TPI-2007(ST)

★ 03.10.1923.10

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. Read and follow the latest edition of BCSP (Building Component Safety Information, by TPI and WCA for Trusses) for complete details. Trusses provide temporary bracing per the manufacturer's instructions. Trusses are designed to be installed with lateral restraint or bracing. Trusses shall have a properly attached rigid collar. Locations shown for permanent lateral restraint or bracing installed per BCSP sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (IWBECO) shall not be responsible for any deviation from this design. The user assumes all liability for any failure, damage or injury resulting from the application of this design to the erection of trusses. Apply plates to each face of trusses and position as shown above. A seal on this plate, unless noted otherwise, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per AISI/TPI 1 Sec.2. For more information see: This job's design drawings. IWBECO web: www.itw-bco.com; TPI: www.tpi-intl.org; WCA: www.sbc-industries.com;
see www.iesna.org



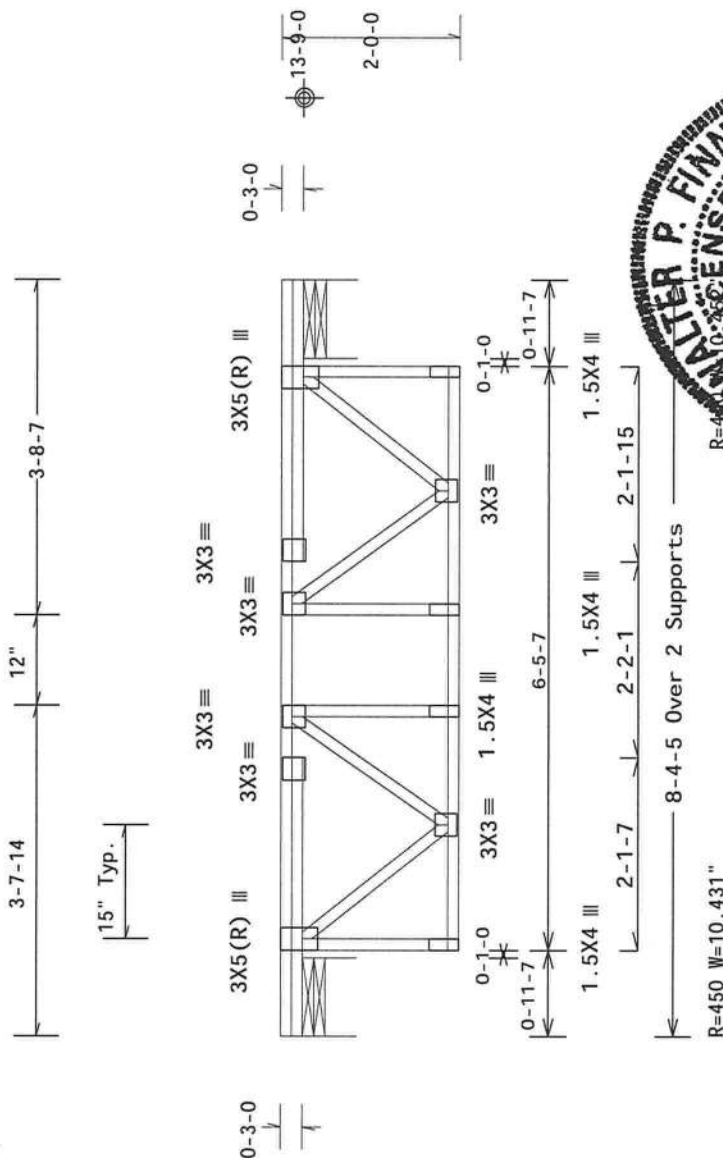
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TC DL	10.0	PSF	DATE	12/19/12
BC DL	5.0	PSF	DRW	HCUSR9114 12354024
BC LL	0.0	PSF	HC-ENG	WHK/WHK
TOT.LD.	55.0	PSF	SEQN-	285824
DUR.FAC.	1.00		FROM	SDY
SPACING	24.0"		JREF-	1US59114Z05

Top chord	4x2 SP #2_12A	Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.
Bot chord	4x2 SP #2_12A	

Webs 4x2 SP #2 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=450 W=10.431"

PLT TYP. Wave

Design Crit: FBC2010Res/TPI-2007(STP)
 $FT/RT=12\%(0\%)/10(0)$ FL/-/5/-/-/R/-
Scale = .5"/Ft.

TC LL	40.0 PSF	REF	R9114- 86991
TC DL	10.0 PSF	DATE	12/19/12
BC DL	5.0 PSF	DRW	HCUSR9114 12354025
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT. LD.	55.0 PSF	SEQN-	285825
DUR. FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05

****WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET!**
 THIS DESIGN IS FOR A CONTRACTOR EMPLOYING INSTALLED

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

follow the latest edition of BCS1 (Building Component Safety Information, by TPI and WITCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per

hess 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 on the right 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 document.

any failure to build the truss in conformance with ANSI/HPI 1, or for handling, shipping, installation or failure of trusses. Apply plates to each face of truss and position as shown above and on the Joint

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

responsibility for the design team. The responsibility and liability 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-BCC: www.itwbcg.com; TPI: www.tpinat.org; WTCA: www.sbcindustry.com.

CC: www.iccsafo.org

ALPINE

TTW Building Components Group Inc.

Haines City, FL 33844

FL COA #0 278

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

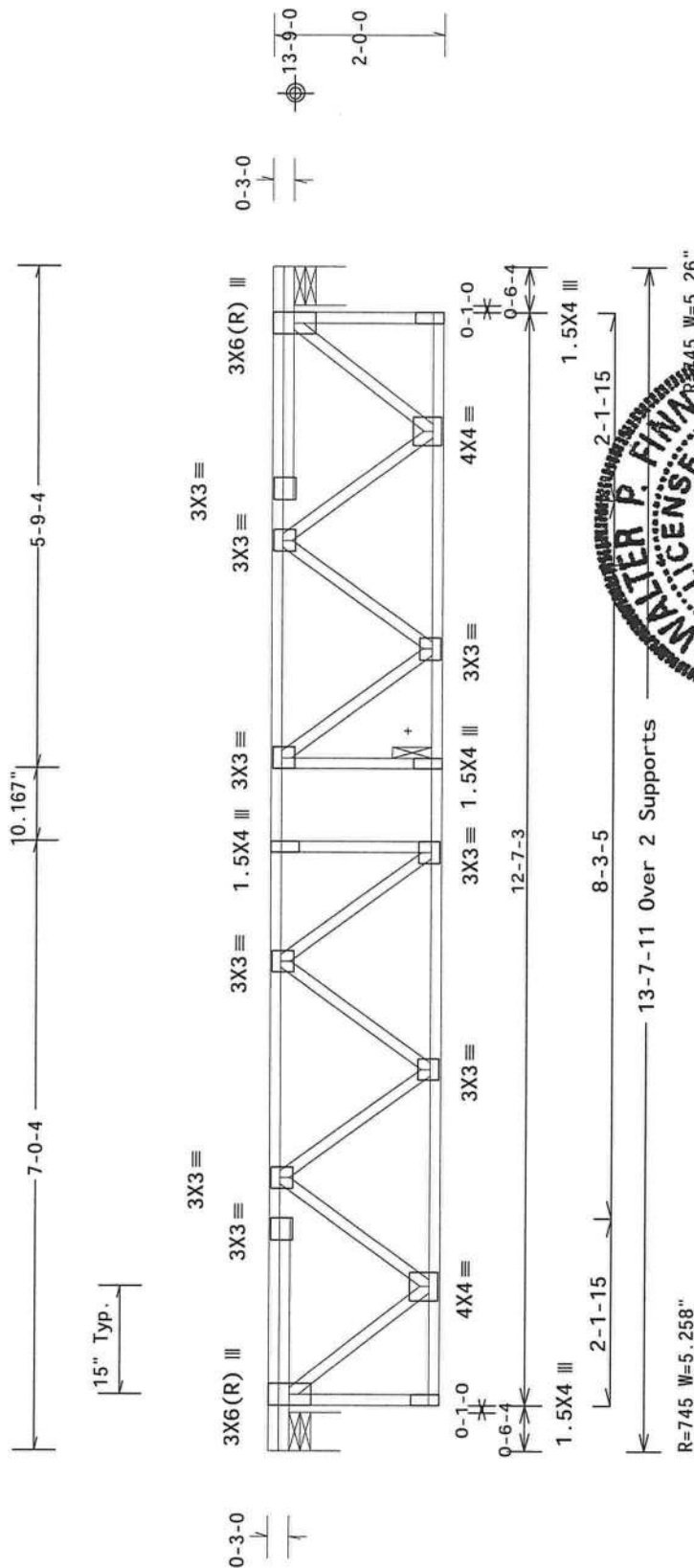
Top	chord	4x2	SP_#2	12A
Bot	chord	4x2	SP_#2	12A
	Webbs	4x2	SP_#2	12A

+ 2x6 continuous strongback. See detail STRBR|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.



PLT TYP. Wave

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

Scale = .5"/Ft.

TTC LL	40.0 PSF	REF R9114- 86992
TTC DL	10.0 PSF	DATE 12/19/12
BC DL	5.0 PSF	DRW HCUSR9114 12354026
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	55.0 PSF	SEQN- 285826
DUR.FAC.	1.00	FROM SDY
SPACING	24.0"	JREF- 1US59114Z05

STATE OF
FLORIDA
PROFESSIONAL ENGINEER

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

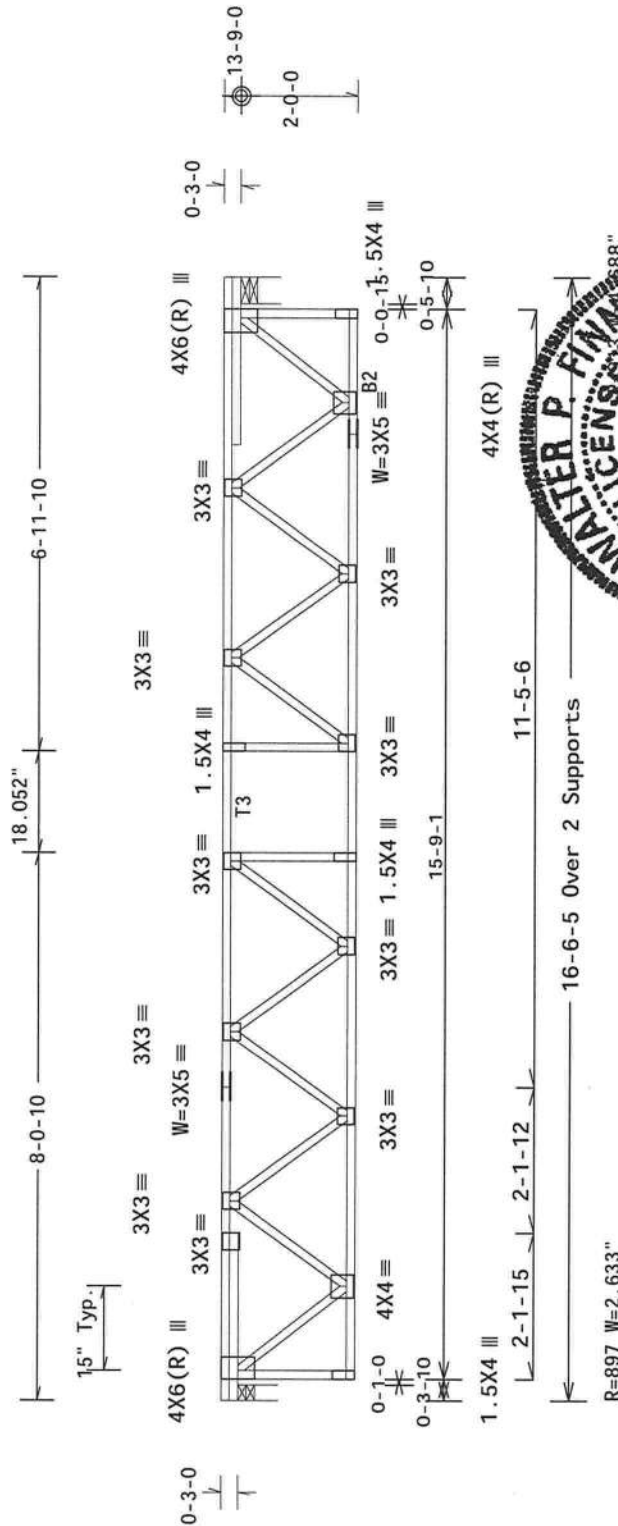
(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - F17)

Top chord 4x2 SP_#2_12A :T3 4x2 SP_#1_Dense_12A:
Bot chord 4x2 SP_#1_Dense_12A :B2 4x2 SP_#2_12A:
Webs 4x2 SP_#2_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.



PLT TYP. Wave

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

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

TC LL	40.0 PSF	REF	R9114- 86993
TC DL	10.0 PSF	DATE	12/19/12
BC DL	5.0 PSF	DRW	HCUSR9114 12354027
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	55.0 PSF	SEQN-	285827
DUR.FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05

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

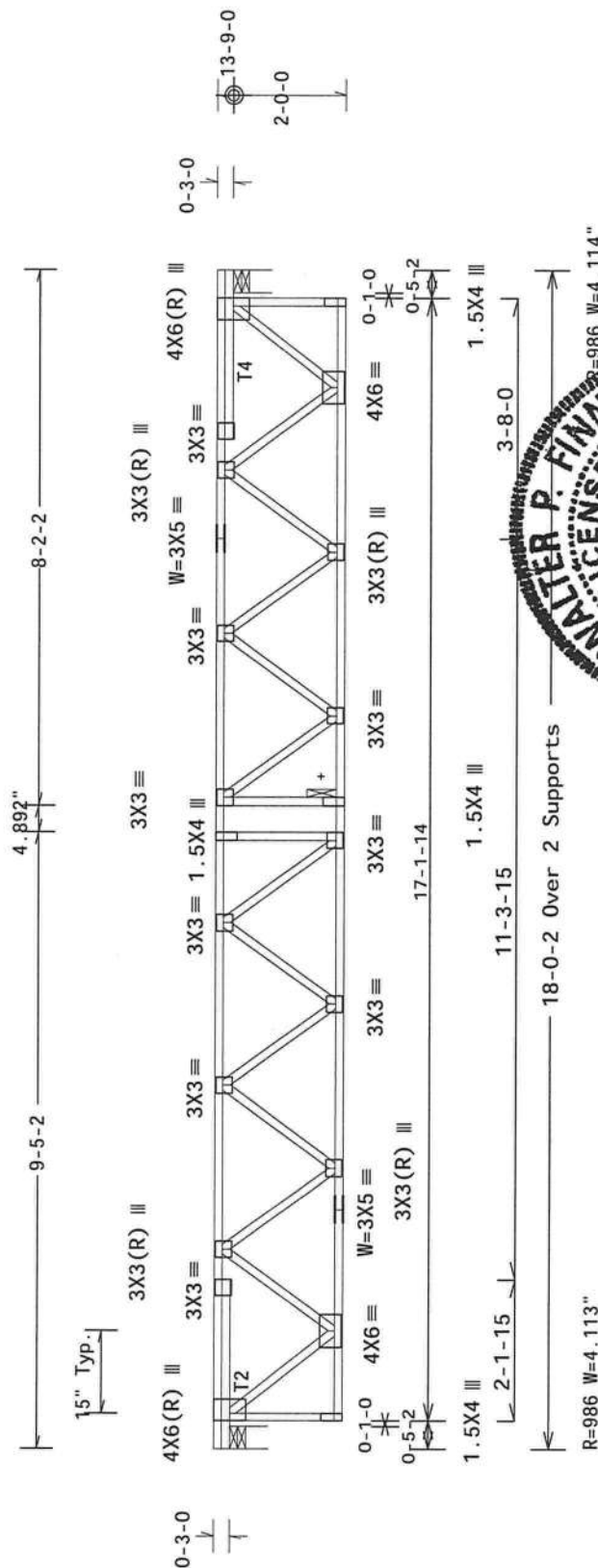


+ 2x6 continuous strongback. See detail STRBRIBR0211 for bracing and bridging recommendations.

Webs 4x2 SP #2 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.



PLT TYP. Wave

Design Crit: $\text{FBC2010Res/TPI-2007(ST)}_{\text{FT/RT}} = 12\%(0\%) / 10(\%)$ FL/-/5/-/-/R/-/
Scale = .375"/Ft.

TC LL	40.0 PSF	REF R9114- 86994
TC DL	10.0 PSF	DATE 12/19/12
BC DL	5.0 PSF	DRW HCUSR9114 12354028
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT. LD.	55.0 PSF	SEQN- 285828
DUR. FAC.	1.00	FROM SDY
SPACING	24.0"	JREF- 1US59114Z05

STATE OF FLORIDA
PROFESSIONAL ENGINEER
No. 12506
DAVID L. JOHNSON

In this state, the seal of the State of Florida is the symbol of the State of Florida.

12/19/2012

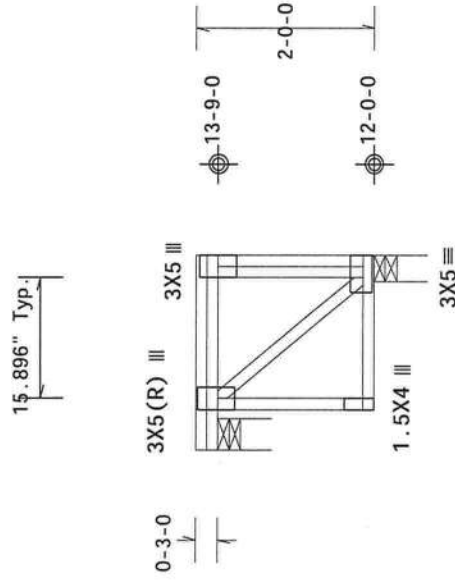
TTW Building Components Group Inc.
Haines City, FL 33844
Tel. 800.440.9298

Haines City, FL 33844
FL COA #0 278

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.



2-1-12 Over 2 Supports

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

PLT TYP.: Wave

Design Crit: FBC2010Res/TPI-2007(S_{TP})
FT/RT=12%(0%)/10(0%)

Scale = .5"/Ft.

TC LL	40.0	PSF	REF	R9114-	86996
TC DL	10.0	PSF	DATE	12/19/12	
BC DL	5.0	PSF	DRW	HCUSR9114	12354030
BC LL	0.0	PSF	HC-ENG	WHK/WHK	
TOT.LD.	55.0	PSF	SEQN-	285830	
DUR.FAC.	1.00		FROM	SDY	
SPACING	24.0"		JREF-	1US59114Z05	



PROFESSIONAL NOTICE

*****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. Following the instructions and details on this sheet is essential to the proper installation and performance of the trusses. Truss fabricators and installers should be familiar with the following practices prior to performing these functions. Installers shall provide temporary bracing per the details on this sheet. Truss fabricators shall provide temporary bracing per the details on this sheet. Unless noted otherwise, top chord shall have properly attached temporary and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint shall have bracing installed per B51 sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation or bracing of trusses. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on this truss shall be used for sealing the truss. The manufacturer's acceptance of professional engineering responsibility is solely for the building design. The manufacturer's acceptance of professional engineering responsibility for the building design per ANSI/TPI 1 Sec. 2. For more information see: This job's general notes page; ITW-BCG: www.itwbcg.com; ANSI/TPI 1: www.sprlnet.org; WCA: www.alcindustry.com; www.lcnafo.org



ALPINE

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

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - F20A)

Top chord 4x2 SP #2_12A
Bot chord 4x2 SP #2_12A
Webs 4x2 SP #2_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.

1-11-4 7.774" 4-2-12

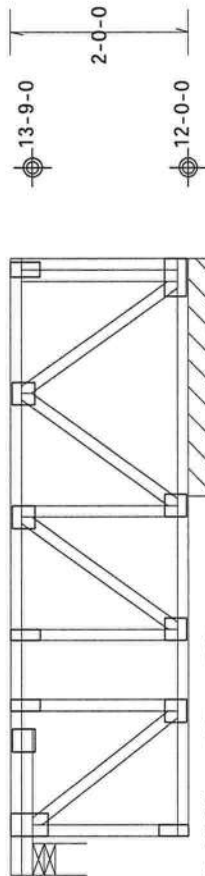
15" Typ.

3X3

1.5X4

0-3-0

3X5(R) 1.5X4 3X3 3X3 3X3 2X4



0-1-0

Q-5-4

6-4-8

6-9-12 Over 2 Supports

R-243 W=4.243"

R=191 PLF W=2-7-8

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

PLT TYP. Wave

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 BCS1 (Building Component Safety Information, by TPI and WTCA) for practices prior to performing these functions. Installers shall provide temporary bracing per details noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have properly attached structural sheathing. Lateral restraint of webs shall have bracing installed per BCS1 sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall be responsible for any deviation from this design. Any deviation must be approved by ITWBCG in writing. ITWBCG shall be responsible for handling, shipping, installation and bracing of trusses. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility for the design shown. The suitability and use of this design for any structure is the responsibility of the building designer per ASCE 7-16 Sec. 2.1. For more information see: This Job's specifications, ITWBCG, www.itwbcg.com, TPI, www.tpiinc.com, WTCA, www.wtcaindustry.com, ICC, www.iccsafe.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- 86997
TC DL	10.0 PSF	DATE	12/19/12
BC DL	5.0 PSF	DRW	HCUSR9114 12354031
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	55.0 PSF	SEQN-	285831
DUR.FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05

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

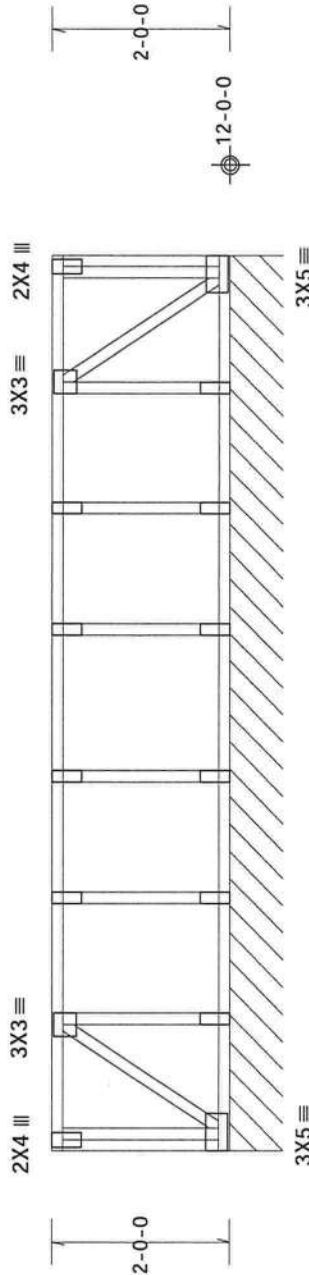
Top chord 4x2 SP_#2_12A
Bot chord 4x2 SP_#2_12A
Webs 4x2 SP_#2_12A

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.



9-10-8 Over Continuous Support

R=110 PLF W=9-10-8

Note: All Plates Are 1.5X4 Except As Shown.

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

PLT TYP. Wave

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

Scale = .5"/Ft.

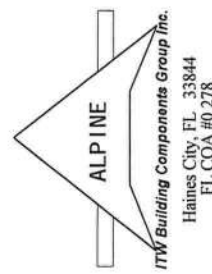
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TC DL	10.0 PSF	DATE	12/19/12
BC DL	5.0 PSF	DRW	HCUSR9114 12354008
BC LL	0.0 PSF	HC-ENG	WHK/WHK *
TOT.LD.	55.0 PSF	SEQN-	285832
DUR.FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05



WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET
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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 details, unless noted otherwise. Trusses shall have properly attached structural sheathing and bottom chords 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. For more information, please refer to the general notes page. ITW-BCSI: www.itwbcg.com; TPI: www.tpinet.org; WTCA: www.abctrustry.com; ICC: www.iccsafe.org



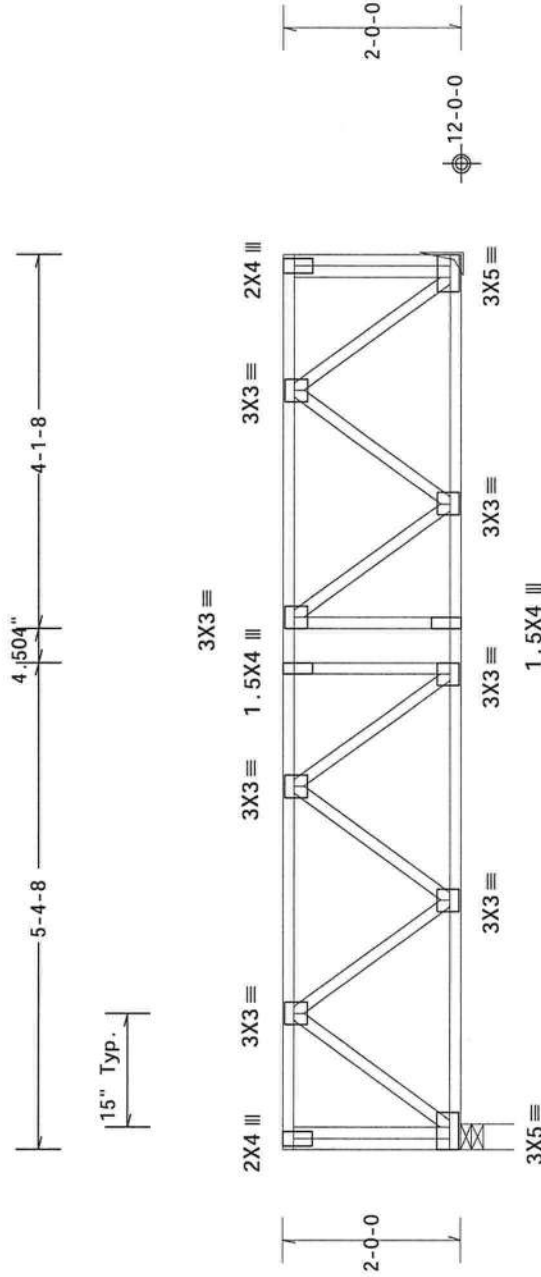
Top	chord	4x2	SP_#2	12A
Bot	chord	4x2	SP_#2	12A
	Webbs	4x2	SP_#2	12A

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

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

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

Truss must be installed as shown with top chord up.



9-10-8 Over 2 Supports

R=543 W=3.5"

PLT TYP. Wave

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

Scale = .5"/Ft.

TC LL	40.0	PSF	REF	R9114-	86999
TC DL	10.0	PSF	DATE	12/19/12	
BC DL	5.0	PSF	DRW	HCUSR9114	12354032
BC LL	0.0	PSF	HC-ENG	WHK/WHK	
TOT.LD.	55.0	PSF	SEQN-	285833	
DUR.FAC.	1.00		FROM	SDY	
SPACING	24.0"		JREF-	1US59114Z05	

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

Trussess require extra care in fabricating, handling, shipping, installing and bracing. For more information on the proper use of BCSI (Building Component Safety Information) for the following the latest edition of BCSI (Building Component Safety Information), by TPI and WTC/A for the practices prior to performing these functions. Installers shall provide temporary bracing per BCSI for all trusses. Trusses shall be braced in accordance with the BCSI information. 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 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 T60A-2 For standard plate positions. A seal on this drawing or cover page listing this designer, indicates acceptance of professional engineering 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; GC: www.iccsafe.org



12/19/2012



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

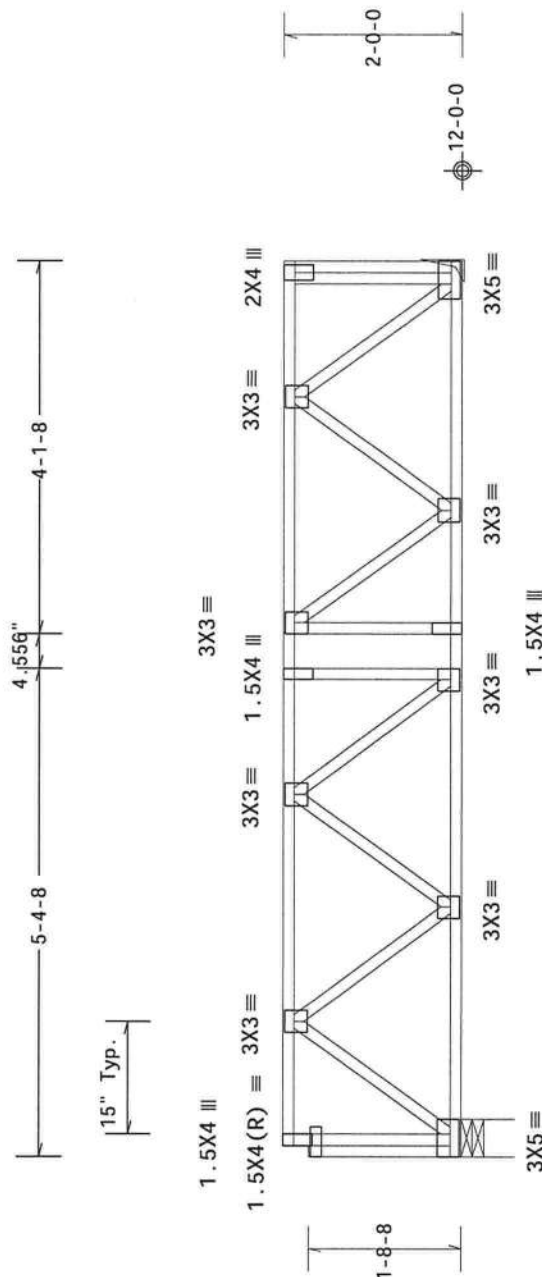
Top	chord	4x2	SP_#2	12A
Bot	chord	4x2	SP_#2	12A
	Webs	4x2	SP_#2	12A

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

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

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

Truss must be installed as shown with top chord up.



← 9-10-9 Over 2 Supports

R=531 W=5"

PLT TYP. Wave

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

0.03.16.1830

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

Scale = .5"/Ft.

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

****IMPORTANT****

IMPORTANT - FORWARD INTO QUESTION TO ALL CONTRACTORS INCLUDING INSTALLERS.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Read and follow the latest edition of BCS' Building Component Safety Information, by TPI and WCA for all truss related information. Trusses are designed to be installed by trained personnel who understand the various practices prior to performing these functions. Installers shall provide temporary bracing per the manufacturer's instructions. Trusses shall be braced during transport and erection. Trusses shall have a properly attached rigid ceiling. Locations shown for permanent lateral bracing shall have bracing installed per BCS' sections B3, B7 or B8, as applicable.

ITW Building Components Group Inc. (TWBCG) shall not be responsible for any deviation from this design or specification by its customers or subcontractors during manufacturing, assembly, erection, installation, or maintenance. The customer must provide all required drawings, specifications, and materials. The joint details shown are typical and do not represent actual dimensions. Apply plates to each face of truss and position as shown above. A sealant is recommended at all joints. Refer to drawings 100A-Z for standard plate positions. The acceptance of professional engineering responsibility solely for listing this drawing indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per AISI/TPI-1 Sec.2. For more information see: This Job's Specification. TWBCG website: www.twbcg.com; TPI: www.tpiinc.org; WCA: [www.sdsinfoassociates.com:](http://www.sdsinfoassociates.com/)

ALPINE

ITW Building Components Group Inc.

Laines City, FL 33844

FL COA #0 278



TC LL	40.0 PSF	REF	R9114- 87000
TC DL	10.0 PSF	DATE	12/19/12
BC DL	5.0 PSF	DRW	HCUSR9114 12354033
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT. LD.	55.0 PSF	SEQN-	285834
DUR. FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05

2 COMPLETE TRUSSES REQUIRED

Nail Schedule: 0.128"x3", min. nails

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

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

DOC CHINA: 1 Row @ 12.00 o.c.
Webs : 1 Row @ 4" o.c.

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

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

Truss must be installed as shown with top chord up.

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

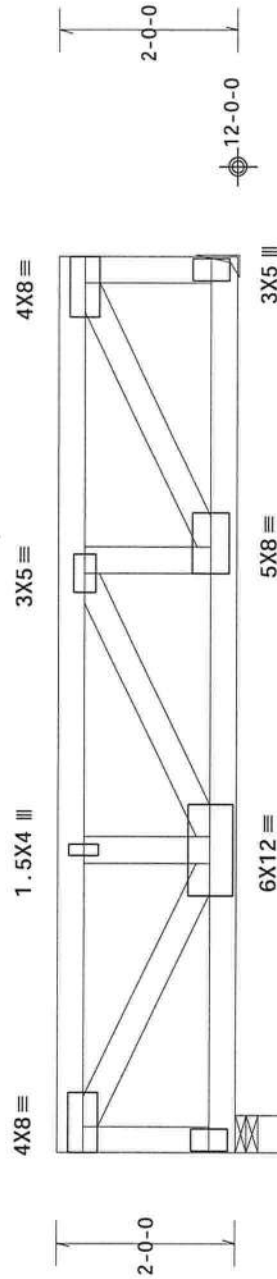
Special loads

----- (Lumber Dur.Fac.=1.00 / Plate Dur.Fac.=1.00)

TC- From 256 plf at 0.00 to 256 plf at 9.88
 (Camber Out: 1.00 / Flare Out: 1.00)

BC-10-	From	10 plf at	0.00 to	230 plf at	9.88
BC-10-	From	10 plf at <td>0.00 to <td>230 plf at <td>9.88</td> </td></td>	0.00 to <td>230 plf at <td>9.88</td> </td>	230 plf at <td>9.88</td>	9.88

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



R=3744 W=5"

PLT TYP. Wave

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

TC LL	40.0	PSF	REF	R9114- 87001
TC DL	10.0	PSF	DATE	12/19/12
BC DL	5.0	PSF	DRW	HCUSR9114 12354034
BC LL	0.0	PSF	HC-ENG	WHK/WHK
TOT. LD.	55.0	PSF	SEQN-	285891
DUR. FAC.	1.00		FROM	SDY
SPACING	24.0"		JREF-	1US59114Z05

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

Trussing require extreme care in fabricating, handling, shipping, installing, and bracing. Follow the latest edition of BCSP (Building Component Safety Information, TPI and WTCFA for bracing practices prior to performing these functions. Installers shall provide temporary bracing for all trusses until the permanent bracing is installed. Temporary bracing shall be installed in accordance with the manufacturer's instructions. Trusses shall have bracing installed per BCSP sections 83, 87 or 810, as applicable.

TW Building Components Group Inc. (**TWBCG**) shall not be responsible for any deviation from this design. TWBCG will be held in conference with ANSI Sec. 1, for handling, shipping, installation & bracing of trusses. Apply plastic caps to all bolts. Refer to drawings A10A-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 Sec. 2. For more information see: This Job's addendum notes page. **TWB-REC:** www.twbcorp.com **TPI:** www.tpiinc.org **WTCA:** www.industry.com [C]

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

FL COA #0278

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - F25 3-PLY)

Top chord 2x6 SP #1_Dense_12A
Bot chord 2x8 SP #1_Dense_12A
Webs 2x4 SP #2_12A :W8 2x4 SP #1_Dense_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 7.34
TC- From 256 pif at 7.34 to 256 pif at 14.50
BC- From 10 pif at 0.00 to 10 pif at 14.50
TC- 543.14 lb Conc. Load at 2.15, 4.15, 6.15, 9.36
11.36, 13.36
BC- 3743.64 lb Conc. Load at 7.34

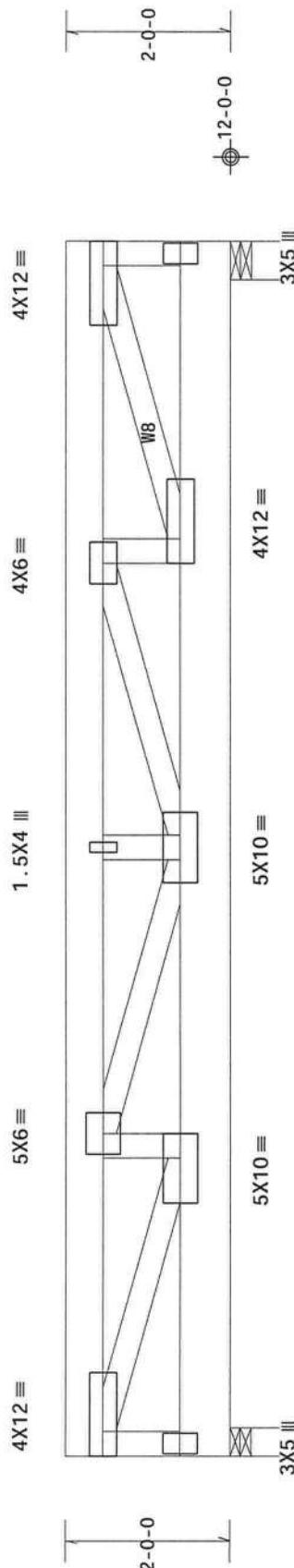
Truss must be installed as shown with top chord up.

3 COMPLETE TRUSSES REQUIRED

Nail Schedule: 0.128"x3", min. nails
Top Chord: 2 Rows @ 6.00" o.c. (Each Row)
Bot Chord: 1 Row @ 4.50" o.c.
Webs : 1 Row @ 4" o.c.
Repeat nailing as each layer is applied. Use equal spacing
between rows and stagger nails in each row to avoid splitting.
(1) 1/2" bolts MAY BE USED FOR (2) 0.128"x3", min. nails ON
EITHER THE TOP OR BOTTOM CHORDS.

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

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



Design Crit: FBC2010Res/TPI-2007(SID)

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

PLT TYP. Wave

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

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET

FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and WCA) 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 8.1, 8.2 or 8.3, 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, or any other use of the truss. Refer to drawings 160A.2 for standard plate positions. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This Job's general notes page. ITW-BCG: www.itwbcg.com; TPI: www.tpiinc.org; WCA: www.abctindustry.com; IBC: www.technofo.org

No. 22839

10.03.10 12.23.10

STATE OF FLORIDA

PROFESSIONAL ENGINEER

12/19/2012

Scale = 5"/Ft.

FL/-/5/-/R/-

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"

REF R9114- 87002

DATE 12/19/12

DRW HCUSR9114 12354035

HC-ENG WHK/WHK

SEQN- 285906

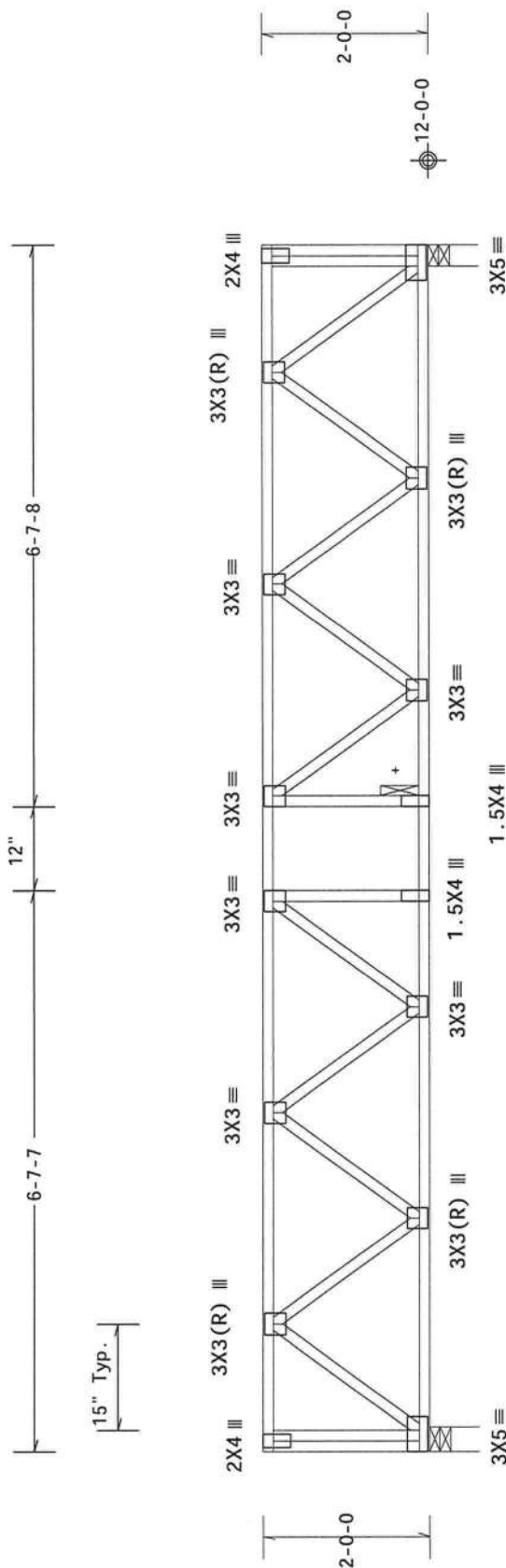
FROM SDY

JREF- 1US59114Z05

+ 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.



14-2-15 Over 2 Supports

R=784 W=3.5"

R=784 W=3"

PLT TYP: Wave

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

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

TC LL	40.0	PSF	REF	R9114-	87003
TC DL	10.0	PSF	DATE	12/19/12	
BC DL	5.0	PSF	DRW	HCUSR9114	12354036
BC LL	0.0	PSF	HC-ENG	WHK/WHK	
TOT. LD.	55.0	PSF	SEQN-	285835	
DUR. FAC.	1.00		FROM	SDY	
SPACING	24.0"		JREF-	1US9114Z05	

STATE OF
FLORIDA
PROFESSIONAL ENGINEER

ALPINE

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

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - F27)

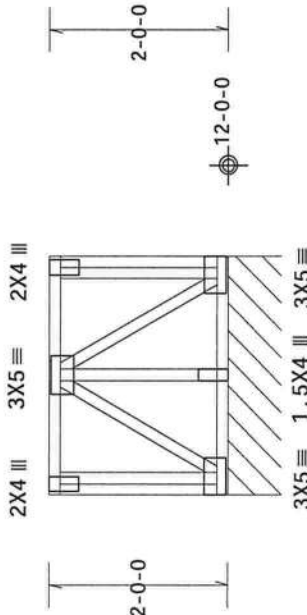
Top chord 4x2 SP #2 12A
Bot chord 4x2 SP #2 12A
Webs 4x2 SP #2 12A

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.



2-7-8 Over Continuous Support
R=110 PLF W=2-7-8

PLT TYP. Wave

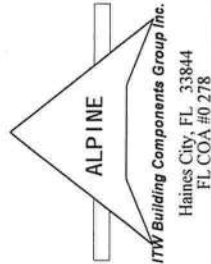
Design Crit: FBC2010Res/TPI-2007(STD)
FT/RT=12%(0%)/10(0)

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

TC LL	40.0 PSF	REF	R9114- 87004
TC DL	10.0 PSF	DATE	12/19/12
BC DL	5.0 PSF	DRW	HCUSR9114 12354009
BC LL	0.0 PSF	HC-ENG	WHK/WHK *
TOT. LD.	55.0 PSF	SEQN-	285836
DUR. FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05



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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 details noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of 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 accordance with ANSI/TPI 1, or for handling, shipping, installation & bracing of the truss. Refer to drawings 180A.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.sbcindustry.com; IBC: www.icecave.org



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

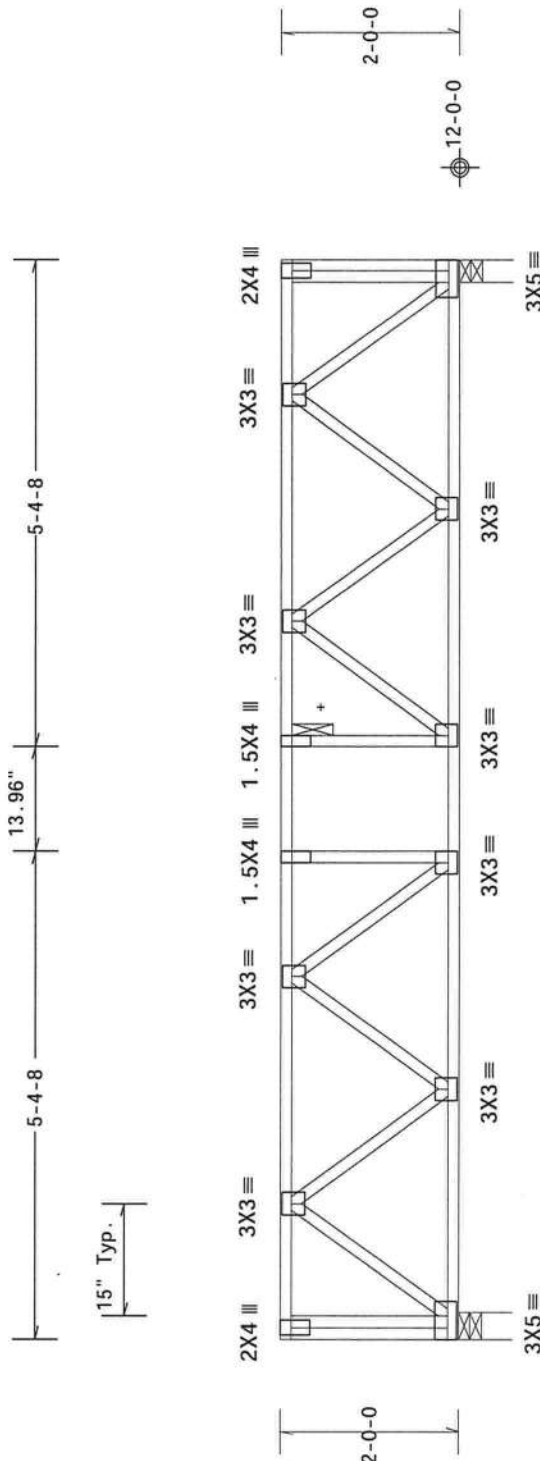
Top chord 4x2 SP_#2_12A
Bot chord 4x2 SP_#2_12A
Webs 4x2 SP_#2_12A

+ 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.



11-10-15 Over 2 Supports

R=655 W=3.5"



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

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation or bracing. Refer to drawings 180A.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.tpi.net; WTCA: www.alcindustry.com; ICC: www.iccsafe.org

ALPINE

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

Scale = .5"/Ft.

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

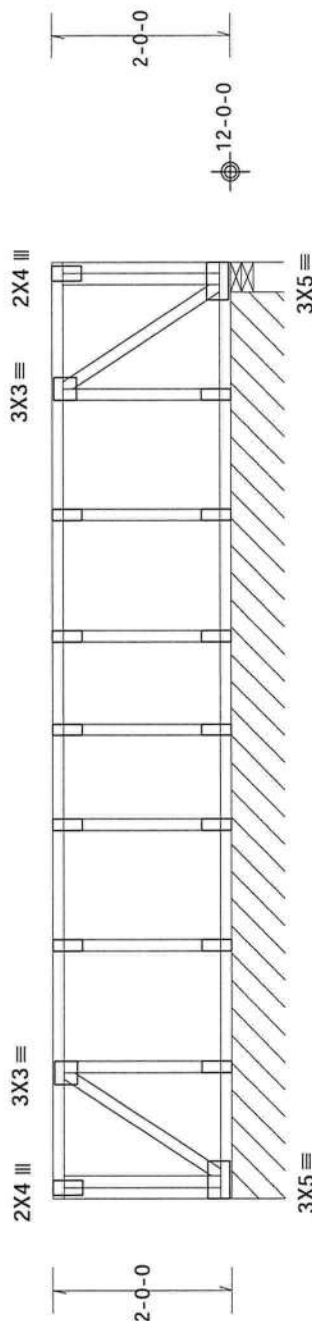
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TC DL	10.0 PSF	DATE	12/19/12
BC DL	5.0 PSF	DRW	HCUSR9114 12354037
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT. LD.	55.0 PSF	SEQN-	285837
DUR. FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05

	Top	chord	4x2	SP_#2	12A
Bot	chord	4x2	SP_#2	12A	
	webs	4x2	SP_#2	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.



10-4-0 Over 2 Supports

R=104 PLF W=10-0-0

Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP: Wave

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

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

[illegible][illegible]

FL/-/5/-/-/R/-		Scale = .5"/Ft.
TC LL	40.0 PSF	REF R9114- 87006
TC DL	10.0 PSF	DATE 12/19/12
BC DL	5.0 PSF	DRW HCURSR9114 12354038
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT. LD.	55.0 PSF	SEQN- 285838
DUR. FAC.	1.00	FROM SDY
SPACING	24.0"	JREF- 1US9114Z05

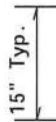
(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - F30)

Top chord 4x2 SP_#2_12A
Bot chord 4x2 SP_#2_12A
Webs 4x2 SP_#2_12A

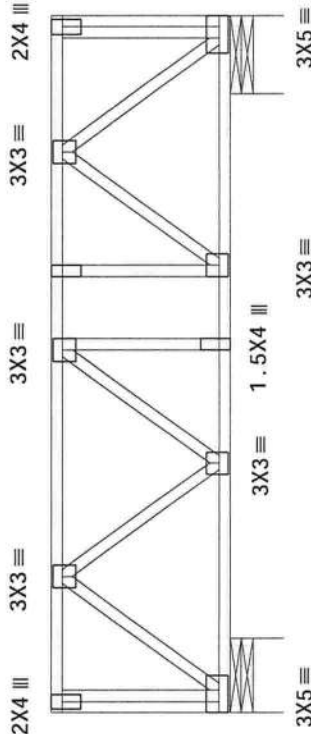
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

Truss must be installed as shown with top chord up.

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



1.5X4 III

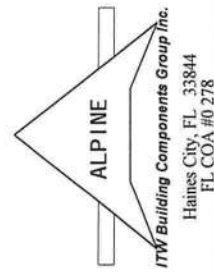


7-8-3 Over 2 Supports

R=423 W=9.939"

R=423 W=

PLT TYP. Wave



WALTER P. FINN
LICENSE
No. 22839
10.03.10 12/23/10
STATE OF FLORIDA
PROFESSIONAL ENGINEER
12/19/2012

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and WIGA) for practices prior to performing these functions. Installers shall provide temporary bracing per details, unless noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per 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 for any damage to property or persons caused by the use of this design. The user of this design shall be responsible for obtaining all necessary permits and for the safety of the structure. 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-B06: www.itwbcg.com, TPI: www.tpiinc.org, WIGA: www.alcindustry.com, ICC: www.iccsafe.org

FL/-/5/-/-/R/-		Scale = .5"/Ft.	
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TC DL	10.0 PSF	DATE	12/19/12
BC DL	5.0 PSF	DRW	HCUSR9114 12354039
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT. LD.	55.0 PSF	SEQN-	285839
DUR. FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05

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

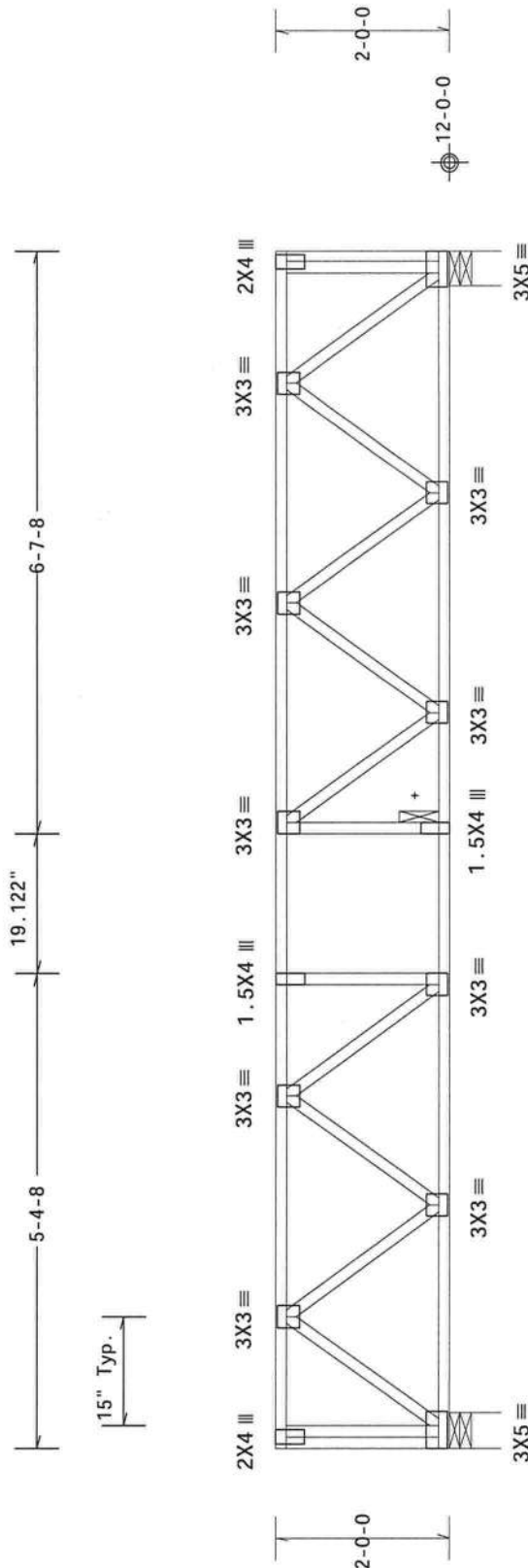
Top chord 4x2 SP_#2_12A
Bot chord 4x2 SP_#2_12A
Webs 4x2 SP_#2_12A

+ 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.

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=748 W=4.759"
13-7-2 Over 2 Supports
748 W=4.76"

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

PLT TYP. Wave

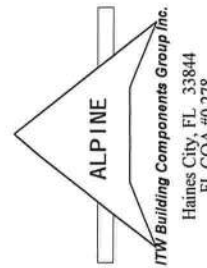
Scale = .5"/Ft.	FL/-/5/-/R/-
TC LL	40.0 PSF
TC DL	10.0 PSF
BC DL	5.0 PSF
BC LL	0.0 PSF
TOT.LD.	55.0 PSF
DUR.FAC.	1.00
SPACING	24.0"
REF	R9114- 87008
DATE	12/19/12
DRW	HCUSR9114 12354040
HC-ENG	WHK/WHK
SEQN-	285840
FROM	SDY
JREF-	1US59114Z05

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET

IMPORTANT FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for practices prior to performing these functions. Installers shall provide temporary bracing per details noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached right ceiling. All connections shall be made in accordance with the provisions shown for permanent lateral restraint of the truss.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or for any damage to property or persons resulting from the use of this design. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This Job's drawing and page. ITW-800: www.itw800.com, TPI: www.tpinet.org, WTCA: www.sdcindustry.com, ICC: www.iccsafe.org



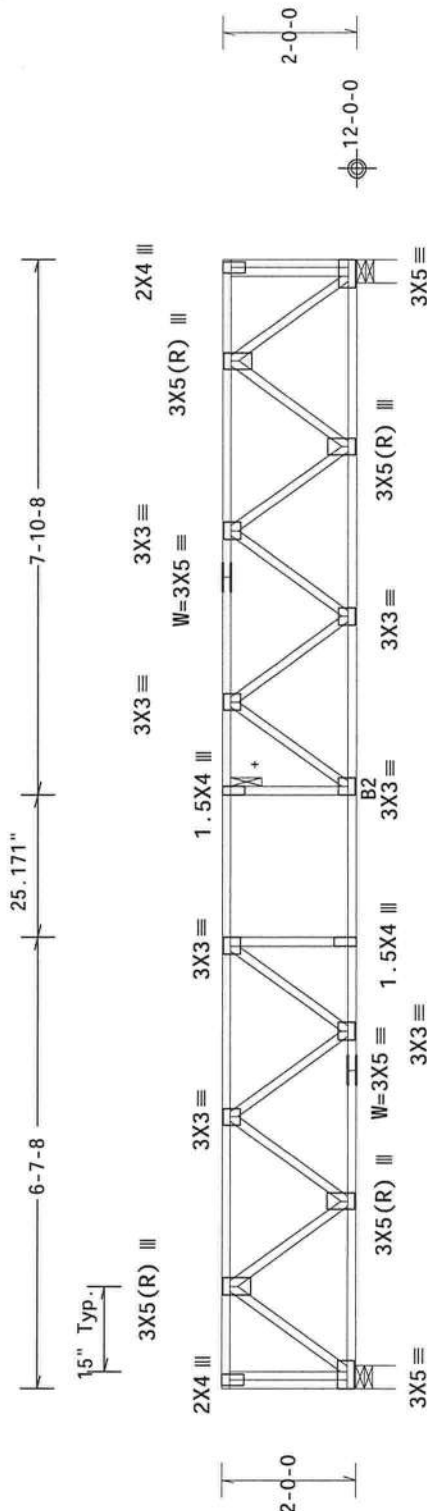
(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - F32)

Top chord 4x2 SP #2_12A :B2 4x2 SP #1_Dense_12A: + 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.

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

Truss must be installed as shown with top chord up.



16-7-3 Over 2 Supports

R=913 W=4.19"

PLT TYP. Wave

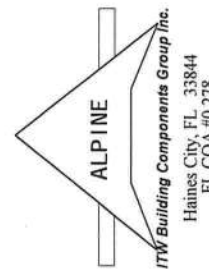
Design Crit: FBC2010Res/TPI-2007 (STB)
FT/RT=12%(0%)/10(0)

Scale = .375"/Ft.

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TC DL	10.0 PSF	DATE	12/19/12
BC DL	5.0 PSF	DRW	HCUSR9114 12354041
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT. LD.	55.0 PSF	SEQN-	285841
DUR. FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05

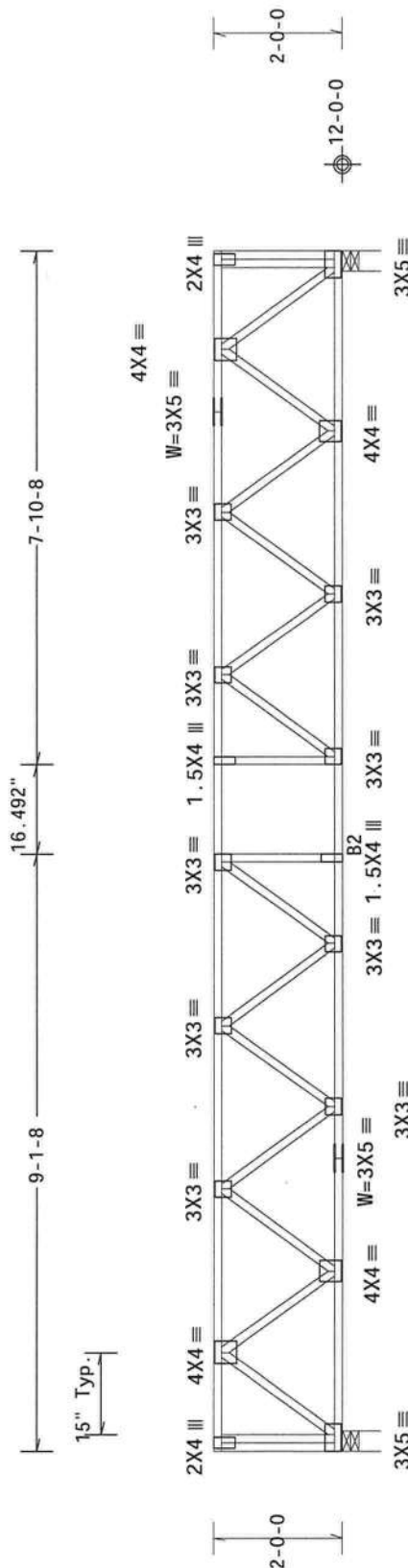


****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET
****IMPORTANT**** FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of truss shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
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. 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.tpiinc.org; WTCA: www.abctindustry.com; ICSI: www.icsiweb.org



Top chord	4x2	SP_#2	12A
Bot chord	4x2	SP_#2	12A
		:B2	4x2 SP_#1_Dense_12A:
	Webbs	4x2	SP_#2_12A

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



18-4-8 Over 2 Supports

R=1011 W=3.613"

R=1011 W=3.614"

PLT TYP. Wave

Design Crit: $\text{FBC2010Res}/\text{TP1}-2007(\text{ST})$
 $\text{FT}/\text{RT}=12\%(0\%)/10(0)$

10.03.1823.10

Scale = .375"/Ft.

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844
 El COA #L 278

12/19/2012

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

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Read and follow the latest edition of BC51 (Building Component Safety Information, by TPI and WITCA) for all truss erection and performance information. Trusses are designed for a specific load and use. Unless noted, the top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of shall have bracing installed per BC51 sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBGS) shall not be responsible for any deviation from this design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the building design engineer per ANSI/TPI 1 Sec.2. For more information see: This Job's ITC: www.itccsafe.org ITW-BGS: www.itwbuildingcomponents.com TPI: www.tpiinc.org WITCA: www.witcaindustry.com

TC LL	40.0	PSF	REF	R9114 -	87010
TC DL	10.0	PSF	DATE	12/19/12	
BC DL	5.0	PSF	DRW	HCUSR9114	12354042
BC LL	0.0	PSF	HC-ENG	WHK/WHK	
TOT. LD.	55.0	PSF	SEQN-	285842	
DUR. FAC.	1.00		FROM	SDY	
SPACING	24.0"		JREF-	1US59114Z05	

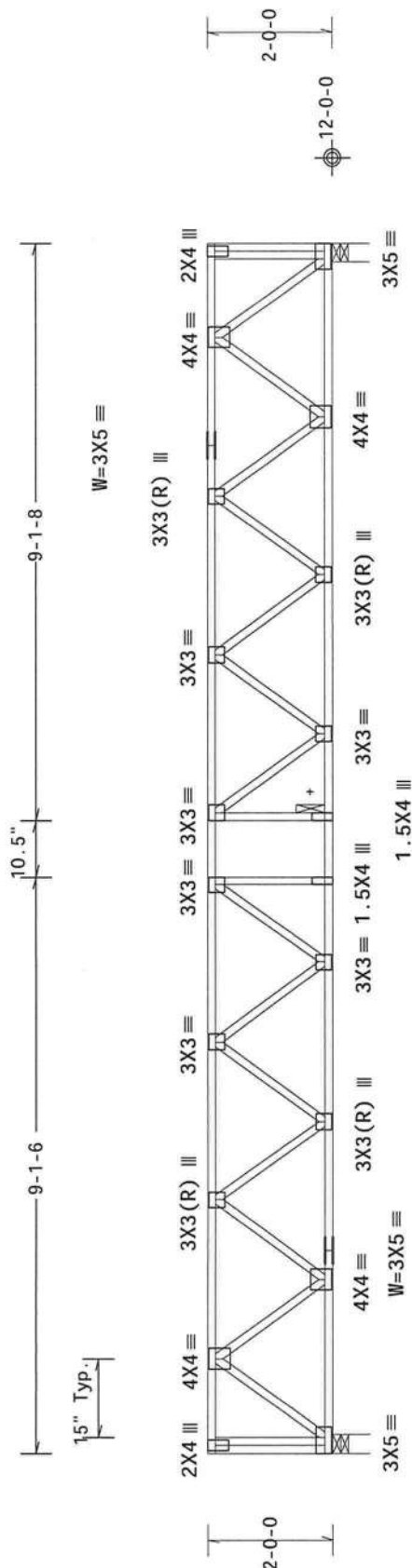
Top	chord	4x2	SP_#2	12A
Bot	chord	4x2	SP_#2	12A
	Web	4x2	SP_#2	12A

+ 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.



19-1-6 Over 2 Supports

R=1051 W=3.512"

R=1051 W=3.512"

PLT TYP. Wave

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

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

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI's Building Components safety information, or BCSI website for more information. Trusses shall have a property attached right above the top chord. If the trusses are not otherwise, top chord shall have property attached structural sheathing and bottom chord shall have a property attached right ceiling. Locations shown for permanent lateral restraint or bracing shall have bracing installed per BCSI sections 83, 87 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design. The user assumes full responsibility for any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation or any other factors relating to 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-BCC: www.talcoy.com; TPI: www.tpiinc.net; WCA: www.sacindust.com.



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TC DL	10.0 PSF	DATE 12/19/12
BC DL	5.0 PSF	DRW HCUSR9114 12354043
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT. LD.	55.0 PSF	SEQN- 285843
DUR. FAC.	1.00	FROM SDY
SPACING	24.0"	JREF- 1US59114Z05

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

Top chord 4x2 SP_#2_12A
Bot chord 4x2 SP_#2_12A
Webs 4x2 SP_#2_12A

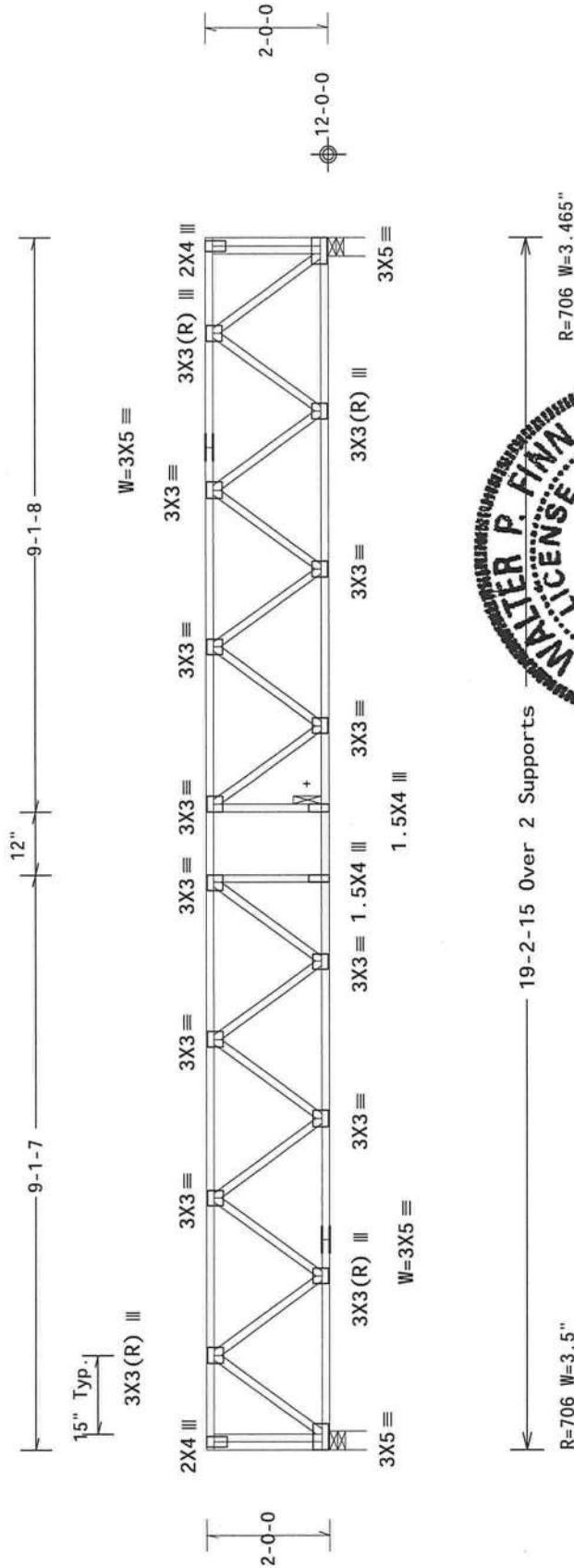
Lumber grades designated with "12A" use design values approved
1/5/2012 by ALSC.

Truss must be installed as shown with top chord up.

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

Trusses to be spaced at 16.0" OC maximum.

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



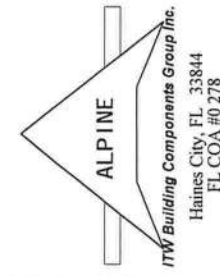
Design Crit: FBC2010Res/TPI-2007(STB
FT/RT=12%(0%)/10(0)

PLT TYP. Wave

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. Be sure to follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for all practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of web members shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses. Apply plates to all connections per ITWBCG design. Refer to design 160A-Z for standard plate positions. A seal on this drawing or cover page listing this drawing. Indicates acceptance of professional engineering responsibility of the Building Designer for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This job's general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; WTCA: www.abctindustry.com; ICC: www.iccsafe.org



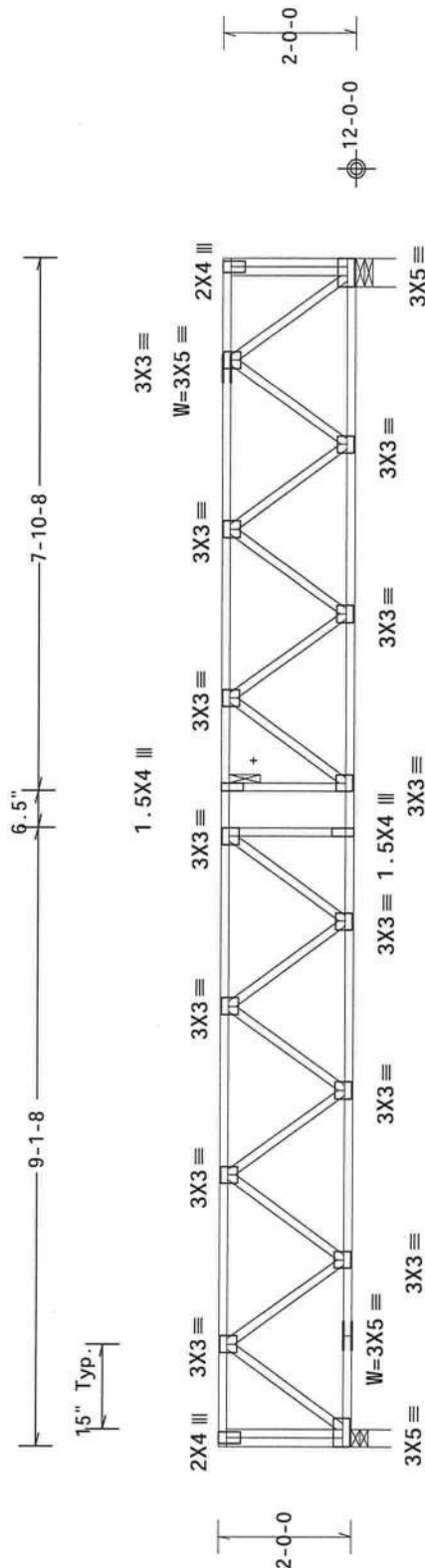
TC LL	40.0 PSF	FL/-/5/-/-/R/-	Scale = .375"/Ft.
TC DL	10.0 PSF	REF	R9114- 87012
BC DL	5.0 PSF	DATE	12/19/12
BC LL	0.0 PSF	DRW	HOURS9114 12354044
TOT.LD.	55.0 PSF	HC-ENG	WHK/WHK
DUR.FAC.	1.00	SEQN-	285844
SPACING	16.0"	FROM	SDY
		JREF-	1US59114Z05

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

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.



17-6-8 Over 2 Supports

R=643 W=3"

PLT TYP. Wave

Design Crit: FBC2010Res/TPI-2007(ST)
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 extreme care in fabricating, shipping, installing and bracing. The latest edition of BCSI's Building Component Safety Information, by TPI and WTCA for BCSI, contains the most complete and authoritative information per section for the trusses noted otherwise. Top chord shall have property attached structural sheathing and bottom chord shall have property attached structural sheathing and top chord shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall be responsible for any deviation from this design. ITWBCG shall be responsible for any deviation from this design. In the event of any failure to build the truss in accordance with ANSI/TPI 1, or for handling, shipping, installation or any other 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. ITWBCG web: www.itwbcg.com; TPI: www.tpi.net; WTC: www.sbcindustrial.com.



FL/-/5/-/-/R/-		Scale = .375"/Ft.
TC LL	40.0 PSF	REF R9114- 87013
TC DL	10.0 PSF	DATE 12/19/12
BC DL	5.0 PSF	DRW HCJSR9114 12354010
BC LL	0.0 PSF	HC-ENG WHK/WHK *
TOT.LD.	55.0 PSF	SEQN- 285845
DUR.FAC.	1.00	FROM SDY
SPACING	16.0"	JREF- 1US59114Z05

(120912--Anderson Truss Co. --Patel Residence -- Lot 1 Hills Of Windsor , ** - F37)

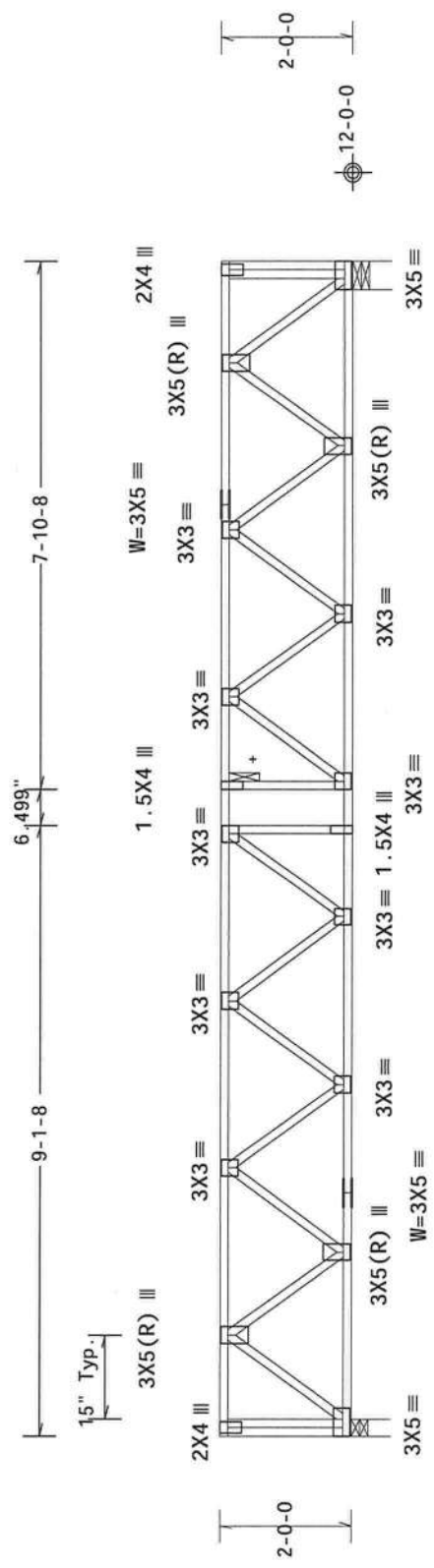
Top chord 4x2 SP #2 12A
Bot chord 4x2 SP #2 12A
Webs 4x2 SP #2 12A

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

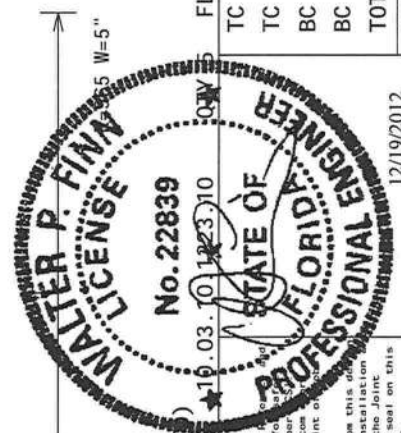
+ 2x6 continuous strongback. See detail STRBR1BR0211 for bracing and bridging recommendations.

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.



17-6-8 Over 2 Supports
R=965 W=3"



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

Scale = .375"/Ft.

PLT TYP. Wave

TC LL 40.0 PSF		FL/-5/-/-R/-	REF R9114- 87014
TC DL 10.0 PSF			DATE 12/19/12
BC DL 5.0 PSF			DRW HCUSR9114 12354045
BC LL 0.0 PSF			HC-ENG WHK/WHK
TOT.LD. 55.0 PSF			SEQN- 285846
DUR.FAC. 1.00			FROM SDY
SPACING 24.0"			JREF- 1US59114Z05

ALPINE

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

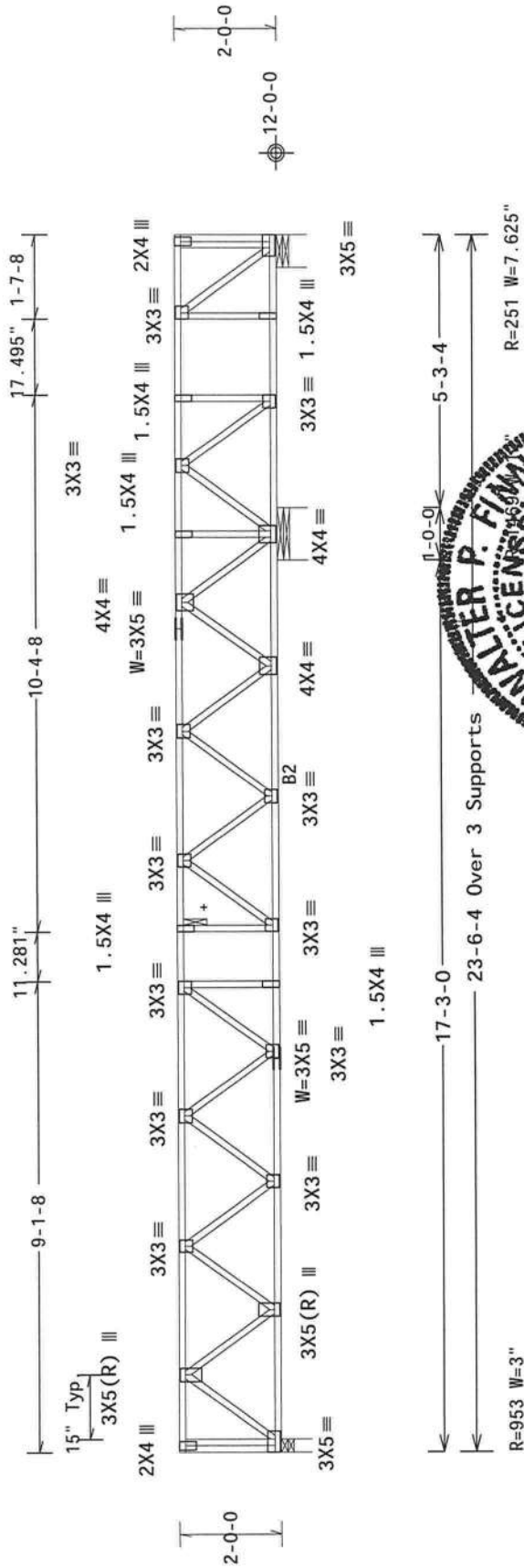
****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET.
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCS1 (Building Component Specification) for all details. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint shall have bracing installed per BCS1 sections B3, B7 or B10, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation, bracing of trusses. Apply pieces to each face of truss and position as shown above and on the Joint Detail. Do not use any other fasteners or materials than those specified. A seal on this drawing or cover page listing this drawing indicates acceptance of or responsibility for the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This job's general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinat.org; WTCA: www.sbcindustry.com; ICC: www.iccinfo.org

Top chord 4x2 SP #2 12A
Bot chord 4x2 SP #2 12A :B2 4x2 SP #1 Dense 12A:
+ 2x6 continuous strongback. See detail STRBR|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.



Design Crit: EBC2010Res/TPI-2007(SFD)

PLT TYP. Wave

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

Trussing require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Component Safety Institute) by TPI and WICA's practices prior to performing these functions. Installers shall provide temporary bracing for all trusses until they are properly braced. Trusses shall be braced in accordance with the manufacturer's instructions. Unless noted otherwise, top chord shall have properly installed bracing as shown for permanent lateral restraint and bracing. For BSI sections B3, B4, B10, B11, B12, B13, B14, B15, B16, B17, B18, B19, B20, B21, B22, B23, B24, B25, B26, B27, B28, B29, B30, B31, B32, B33, B34, B35, B36, B37, B38, B39, B40, B41, B42, B43, B44, B45, B46, B47, B48, B49, B50, B51, B52, B53, B54, B55, B56, B57, B58, B59, B60, B61, B62, B63, B64, B65, B66, B67, B68, B69, B70, B71, B72, B73, B74, B75, B76, B77, B78, B79, B80, B81, B82, B83, B84, B85, B86, B87, B88, B89, B90, B91, B92, B93, B94, B95, B96, B97, B98, B99, B100, B101, B102, B103, B104, B105, B106, B107, B108, B109, B110, B111, B112, B113, B114, B115, B116, B117, B118, B119, B120, B121, B122, B123, B124, B125, B126, B127, B128, B129, B130, B131, B132, B133, B134, B135, B136, B137, B138, B139, B140, B141, B142, B143, B144, B145, B146, B147, B148, B149, B150, B151, B152, B153, B154, B155, B156, B157, B158, B159, B160, B161, B162, B163, B164, B165, B166, B167, B168, B169, B170, B171, B172, B173, B174, B175, B176, B177, B178, B179, B180, B181, B182, B183, B184, B185, B186, B187, B188, B189, B190, B191, B192, B193, B194, B195, B196, B197, B198, B199, B200, B201, B202, B203, B204, B205, B206, B207, B208, B209, B210, B211, B212, B213, B214, B215, B216, B217, B218, B219, B220, B221, B222, B223, B224, B225, B226, B227, B228, B229, B230, B231, B232, B233, B234, B235, B236, B237, B238, B239, B240, B241, B242, B243, B244, B245, B246, B247, B248, B249, B250, B251, B252, B253, B254, B255, B256, B257, B258, B259, B260, B261, B262, B263, B264, B265, B266, B267, B268, B269, B270, B271, B272, B273, B274, B275, B276, B277, B278, B279, B280, B281, B282, B283, B284, B285, B286, B287, B288, B289, B290, B291, B292, B293, B294, B295, B296, B297, B298, B299, B300, B301, B302, B303, B304, B305, B306, B307, B308, B309, B310, B311, B312, B313, B314, B315, B316, B317, B318, B319, B320, B321, B322, B323, B324, B325, B326, B327, B328, B329, B330, B331, B332, B333, B334, B335, B336, B337, B338, B339, B340, B341, B342, B343, B344, B345, B346, B347, B348, B349, B350, B351, B352, B353, B354, B355, B356, B357, B358, B359, B360, B361, B362, B363, B364, B365, B366, B367, B368, B369, B370, B371, B372, B373, B374, B375, B376, B377, B378, B379, B380, B381, B382, B383, B384, B385, B386, B387, B388, B389, B390, B391, B392, B393, B394, B395, B396, B397, B398, B399, B400, B401, B402, B403, B404, B405, B406, B407, B408, B409, B410, B411, B412, B413, B414, B415, B416, B417, B418, B419, B420, B421, B422, B423, B424, B425, B426, B427, B428, B429, B430, B431, B432, B433, B434, B435, B436, B437, B438, B439, B440, B441, B442, B443, B444, B445, B446, B447, B448, B449, B450, B451, B452, B453, B454, B455, B456, B457, B458, B459, B460, B461, B462, B463, B464, B465, B466, B467, B468, B469, B470, B471, B472, B473, B474, B475, B476, B477, B478, B479, B480, B481, B482, B483, B484, B485, B486, B487, B488, B489, B490, B491, B492, B493, B494, B495, B496, B497, B498, B499, B500, B501, B502, B503, B504, B505, B506, B507, B508, B509, B510, B511, B512, B513, B514, B515, B516, B517, B518, B519, B520, B521, B522, B523, B524, B525, B526, B527, B528, B529, B530, B531, B532, B533, B534, B535, B536, B537, B538, B539, B540, B541, B542, B543, B544, B545, B546, B547, B548, B549, B550, B551, B552, B553, B554, B555, B556, B557, B558, B559, B560, B561, B562, B563, B564, B565, B566, B567, B568, B569, B570, B571, B572, B573, B574, B575, B576, B577, B578, B579, B580, B581, B582, B583, B584, B585, B586, B587, B588, B589, B590, B591, B592, B593, B594, B595, B596, B597, B598, B599, B600, B601, B602, B603, B604, B605, B606, B607, B608, B609, B610, B611, B612, B613, B614, B615, B616, B617, B618, B619, B620, B621, B622, B623, B624, B625, B626, B627, B628, B629, B630, B631, B632, B633, B634, B635, B636, B637, B638, B639, B640, B641, B642, B643, B644, B645, B646, B647, B648, B649, B650, B651, B652, B653, B654, B655, B656, B657, B658, B659, B660, B661, B662, B663, B664, B665, B666, B667, B668, B669, B670, B671, B672, B673, B674, B675, B676, B677, B678, B679, B680, B681, B682, B683, B684, B685, B686, B687, B688, B689, B690, B691, B692, B693, B694, B695, B696, B697, B698, B699, B700, B701, B702, B703, B704, B705, B706, B707, B708, B709, B710, B711, B712, B713, B714, B715, B716, B717, B718, B719, B720, B721, B722, B723, B724, B725, B726, B727, B728, B729, B730, B731, B732, B733, B734, B735, B736, B737, B738, B739, B740, B741, B742, B743, B744, B745, B746, B747, B748, B749, B750, B751, B752, B753, B754, B755, B756, B757, B758, B759, B760, B761, B762, B763, B764, B765, B766, B767, B768, B769, B770, B771, B772, B773, B774, B775, B776, B777, B778, B779, B780, B781, B782, B783, B784, B785, B786, B787, B788, B789, B790, B791, B792, B793, B794, B795, B796, B797, B798, B799, B800, B801, B802, B803, B804, B805, B806, B807, B808, B809, B810, B811, B812, B813, B814, B815, B816, B817, B818, B819, B820, B821, B822, B823, B824

ITW Building Components Group Inc. (ITWBGC) shall not be responsible for any deviation from this drawing or specification by the user. The user shall be responsible for obtaining all permits, approvals, bracing or trusses. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 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 installing Designer. This document is the property of ITW Building Components Group Inc. This job's design was prepared by: **ITWBGC**, email address: **tpi@wbtprint.org**; **WTCA**: **www.stcindustry.com**; **ICD**: **www.icdusa.org**

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

FL/-/5/-/-/R/-		Scale = .3125"/Ft.
TC LL	40.0 PSF	REF R9114- 87015
TC DL	10.0 PSF	DATE 12/19/12
BC DL	5.0 PSF	DRW HCURSR9114 12354046
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	55.0 PSF	SEQN- 285847
DUR.FAC.	1.00	FROM SDY
SPACING	24.0"	JREF- 1US59114Z05

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

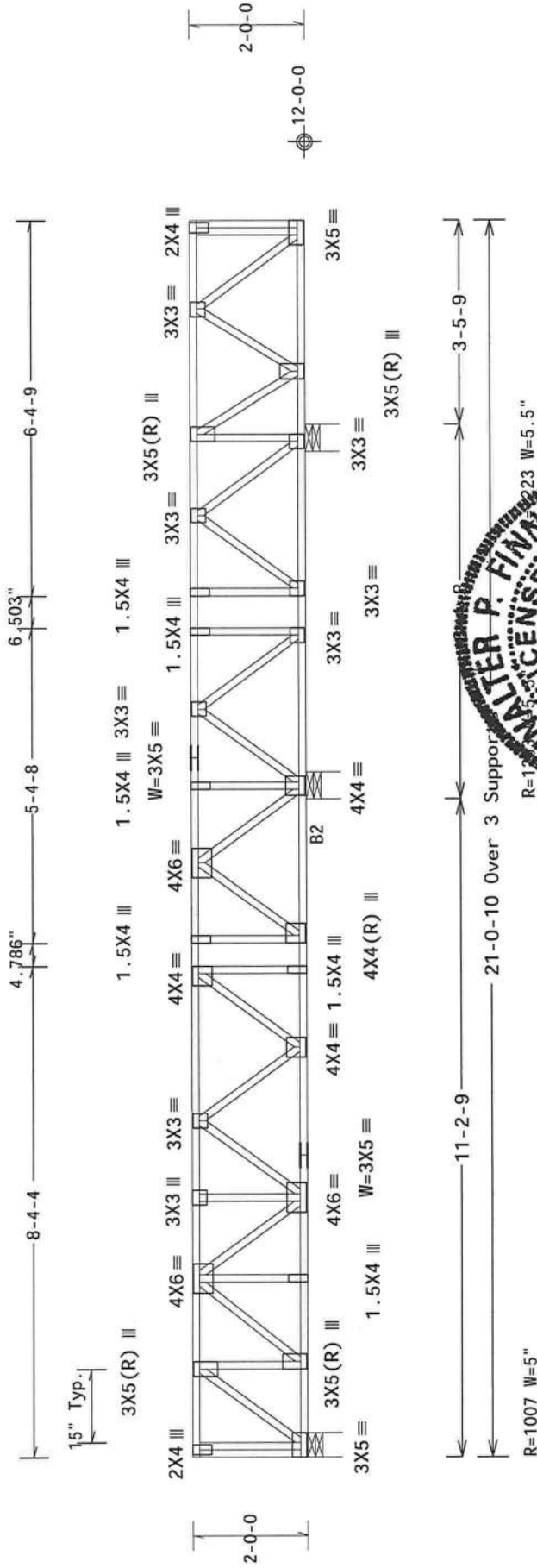
Top chord 4x2 SP_#2_12A
Bot chord 4x2 SP_#2_12A :B2 4x2 SP_#1_Dense_12A:
Webs 4x2 SP_#2_12A

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

Special loads

-----Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 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.



PLT TYP. Wave

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

Scale = .375"/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. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and BTGA) practices prior to performing these functions. Installers shall provide temporary bracing unless noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have properly attached structural sheathing. Lateral restraint shall be provided for all trusses. Trusses shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components Group, Inc. (ITWBCG) shall not be responsible for any deviation from this design. ITWBCG shall not be responsible 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 Truss Manual page 178-B06: www.itwbcg.com, TPI: www.tpiinc.org, BTGA: www.bctindustry.com, ICC: www.iccsafe.org

ALPINE

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



TC LL	40.0 PSF	FL/-/5/-/-/R/-	REF	R9114- 87016
TC DL	10.0 PSF		DATE	12/19/12
BC DL	5.0 PSF		DRW	HCSR9114 12354047
BC LL	0.0 PSF		HC-ENG	WHK/WHK
TOT.LD.	55.0 PSF		SEQN-	285908
DUR.FAC.	1.00		FROM	SDY
SPACING	24.0"		JREF-	1US59114Z05

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

Top chord 4x2 SP_#1_Dense_12A : T2 4x2 SP_#2_12A :
Bot chord 4x2 SP_#2_12A : B3, B4 4x2 SP_#1_Dense_12A :
Webs 4x2 SP_#2_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 21.47
BC- From 10 plf at 0.00 to 10 plf at 21.47
TC- 738.00 lb Conc. Load at 4.42

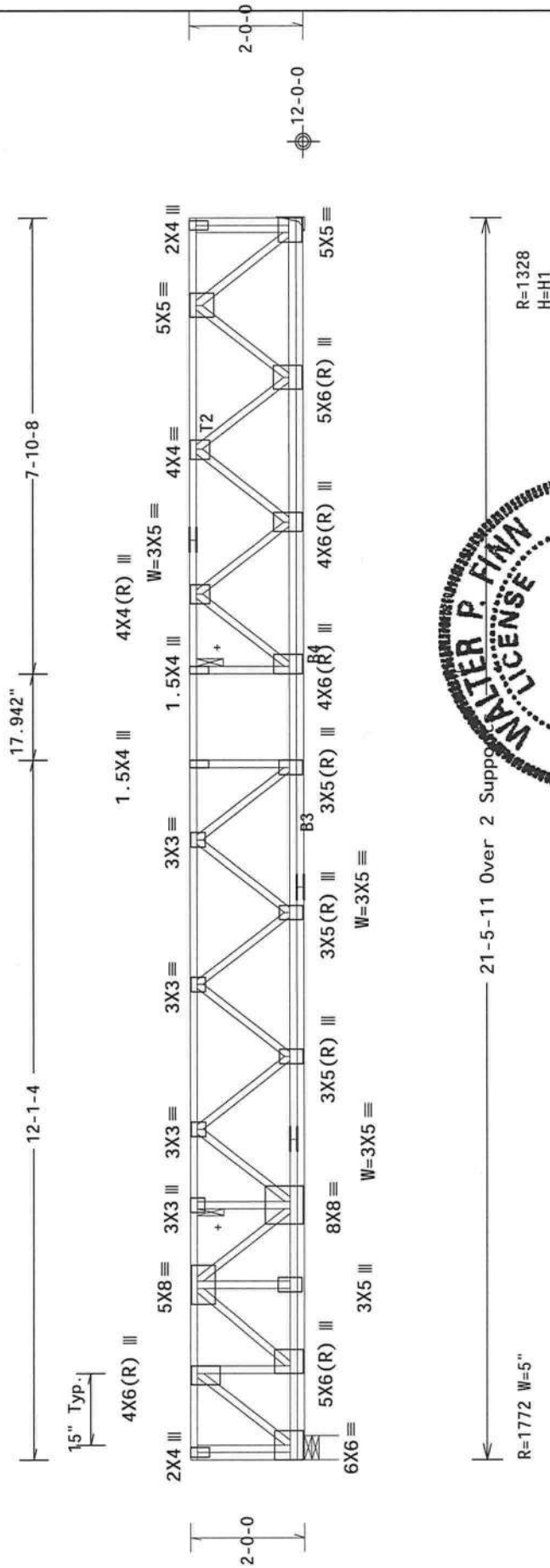
+ 2x6 continuous strongback. See detail STRBR1BR0211 for bracing and
bridging recommendations.

Max JT VERT DEFL: LL: 0.30" DL: 0.24" recommended camber 3/8"

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

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

Truss must be installed as shown with top chord up.

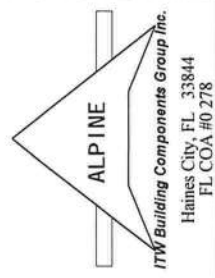


Design Crit: FBC2010Res/TPI-2007 (STB)
FT/RT=12%(0%)/10(0)

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 WTA) for practices prior to performing these functions. Installers shall provide temporary bracing per BCSI unless noted otherwise. Top chord shall have properly attached structural bracing 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 1, Sec.2. For more information see: This Job's ICC-ITW BCG: www.itwbcg.com, TPI: www.tpiinc.org, WTA: www.wtaindustry.com, ICC: www.iccnatio.org



TC LL	40.0 PSF	FL/-5/-/-/R/-	Scale = .375"/Ft.
TC DL	10.0 PSF	REF	R9114- 87017
BC DL	5.0 PSF	DATE	12/19/12
BC LL	0.0 PSF	DRW	HCUSR9114 12354048
TOT.LD.	55.0 PSF	HC-ENG	WHK/WHK
DUR.FAC.	1.00	SEQN-	285910
SPACING	24.0"	FROM	SDY
		JREF-	1US59114Z05

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

Top chord 4x2 SP_#1_Dense_12A :T2 4x2 SP_#2_12A:
Bot chord 4x2 SP_#1_Dense_12A :B2, B4 4x2 SP_#2_12A:
Webs 4x2 SP_#2_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 19.47
BC- From 10 pif at 0.00 to 10 pif at 19.47
TC- 738.00 lb Conc. Load at 4.42

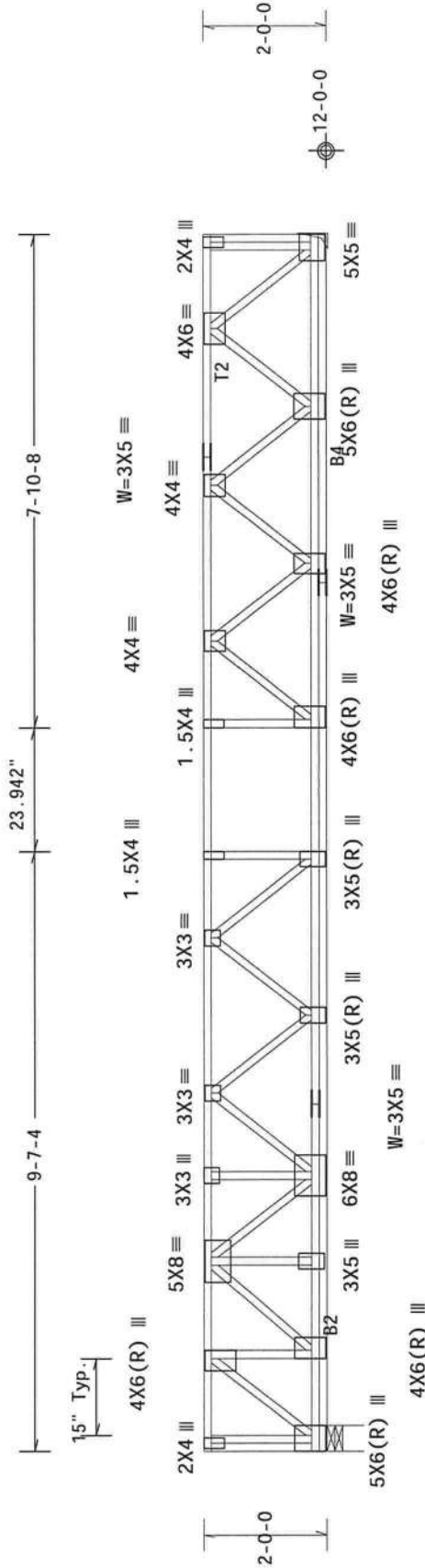
See detail STRBRIBR0211 for bracing and bridging recommendations.

Max JT VERT DEFL: LL: 0.24" DL: 0.25" recommended camber 3/8"

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

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

Truss must be installed as shown with top chord up.



Professional Engineer Seal for Walter P. Finn, State of Florida, License No. 22839, dated 10.03.10 to 12.23.10.

R=1647 W=5"

R=1233
H=H1

PLT TYP. Wave

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

Scale = .375"/Ft.

TC LL	40.0 PSF	REF	R9114- 87018
TC DL	10.0 PSF	DATE	12/19/12
BC DL	5.0 PSF	DRW	HCUSR9114 12354049
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	55.0 PSF	SEQN-	285912
DUR.FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05

ALPINE logo and contact information for Alpine 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 WIGA) practices prior to performing these functions. Installers shall provide temporary bracing practices prior to permanent bracing. Temporary bracing shall be installed in accordance with the manufacturer's instructions. The manufacturer 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 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 drawing, indicates acceptance of professional engineering responsibility by ITW of the Building Component Group per ANSI/TPI 1, Sec 2. For more information see: general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; WIGA: www.wigaindustry.com; ICC: www.iccsafe.org

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

Top chord 4x2 SP_#2_12A
Bot chord 4x2 SP_#1_Dense_12A :B2, B4 4x2 SP_#2_12A:
Webs 4x2 SP_#2_12A

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

Special loads

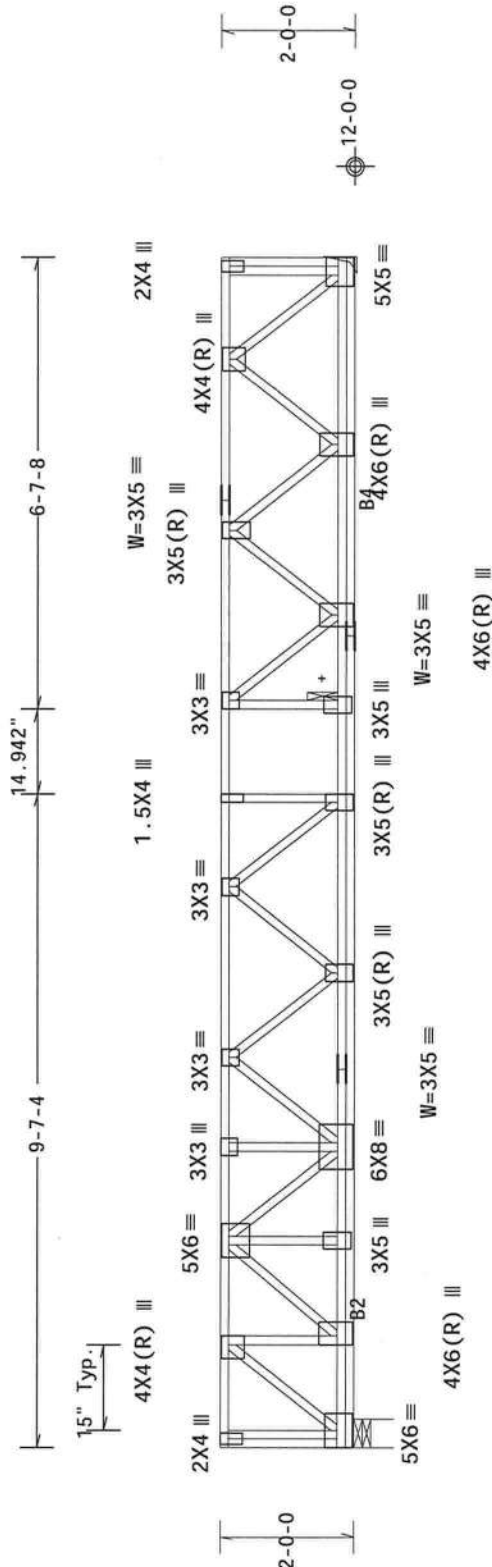
----- (Lumber Dur.Fac.=1.00 / Plate Dur.Fac.=1.00)
TC- From 100 plf at 0.00 to 100 plf at 17.47
BC- From 10 plf at 0.00 to 10 plf at 17.47
TC- 738.00 lb Conc. Load at 4.42

+ 2x6 continuous strongback. See detail STRBRI20211 for bracing and
bridging recommendations.

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

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

Truss must be installed as shown with top chord up.



Design Crit: FBC2010Res/TPI-2007(ST) 2
FT/RT=12%(0%)/10(0)

PLT TYP. Wave

Scale = .375"/Ft.

FL/-/5/-/-/R/-	REF	Scale = .375"/Ft.
TC LL	40.0 PSF	REF R9114- 87019
TC DL	10.0 PSF	DATE 12/19/12
BC DL	5.0 PSF	DRW HCUSR9114 12354050
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	55.0 PSF	SEQN- 285914
DUR.FAC.	1.00	FROM SDY
SPACING	24.0"	JREF- 1US59114Z05

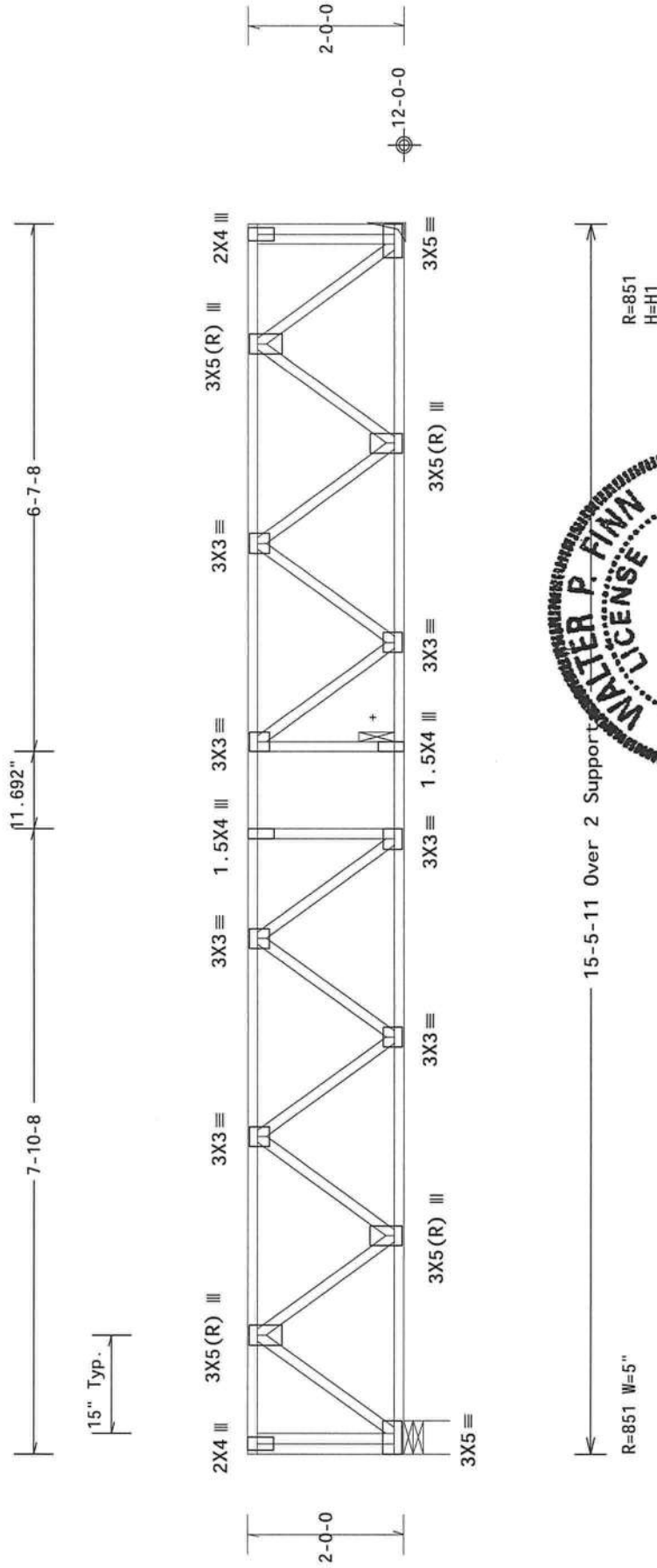
ALPINE

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

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

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

Truss must be installed as shown with top chord up.

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

PLT TYP. Wave

Scale = .5"/Ft.

ALPINE

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

12/19/2012

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

Trusses require extreme care in fabricating, handling, shipping, installation and bracing. Please follow the latest edition of BCSP (Building Components Safety Practices) and use the following practices noted after this, to performing these functions. Installers shall provide temporary bracing per the drawings unless otherwise noted. 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 BCSP 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. Trusses shall be applied per the instructions of the manufacturer and on one joining. Details shall be drawn to the latest edition of the ITWBGC. Refer to drawing 100A-2 for standard bracing positions. 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; IBC: www.iccsafe.org

REF	R9114-	87020	TC LL	40.0	PSF
DATE	12/19/12		TC DL	10.0	PSF
DRW	HCUSR9114	12354051	BC DL	5.0	PSF
HC-ENG	WHK/WHK		BC LL	0.0	PSF
SEQN-	285848		TOT.LD.	55.0	PSF
FROM	SDY		DUR.FAC.	1.00	
JREF-	1US59114Z05		SPACING	24.0"	

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - F44)

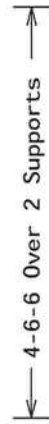
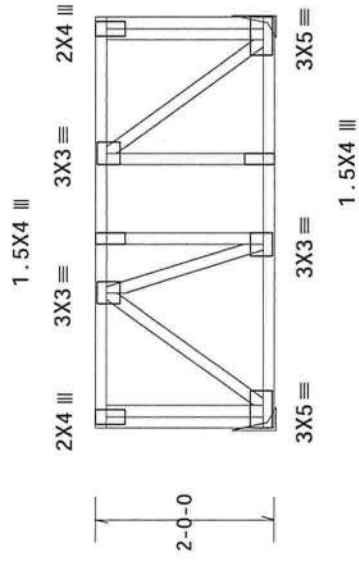
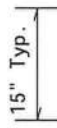
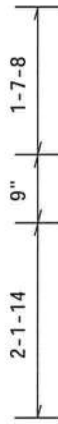
Top chord 4x2 SP_#2_12A
Bot chord 4x2 SP_#2_12A
Webs 4x2 SP_#2_12A

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

Truss must be installed as shown with top chord up.

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

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



R=249
H=H1

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

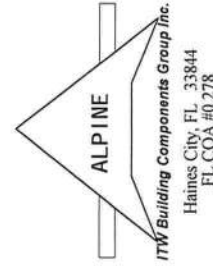
PLT TYP. Wave

Scale = .5"/Ft.

TC LL	40.0 PSF	REF	R9114- 87021
TC DL	10.0 PSF	DATE	12/19/12
BC DL	5.0 PSF	DRW	HCUSR9114 12354052
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	55.0 PSF	SEQN-	285849
DUR.FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05



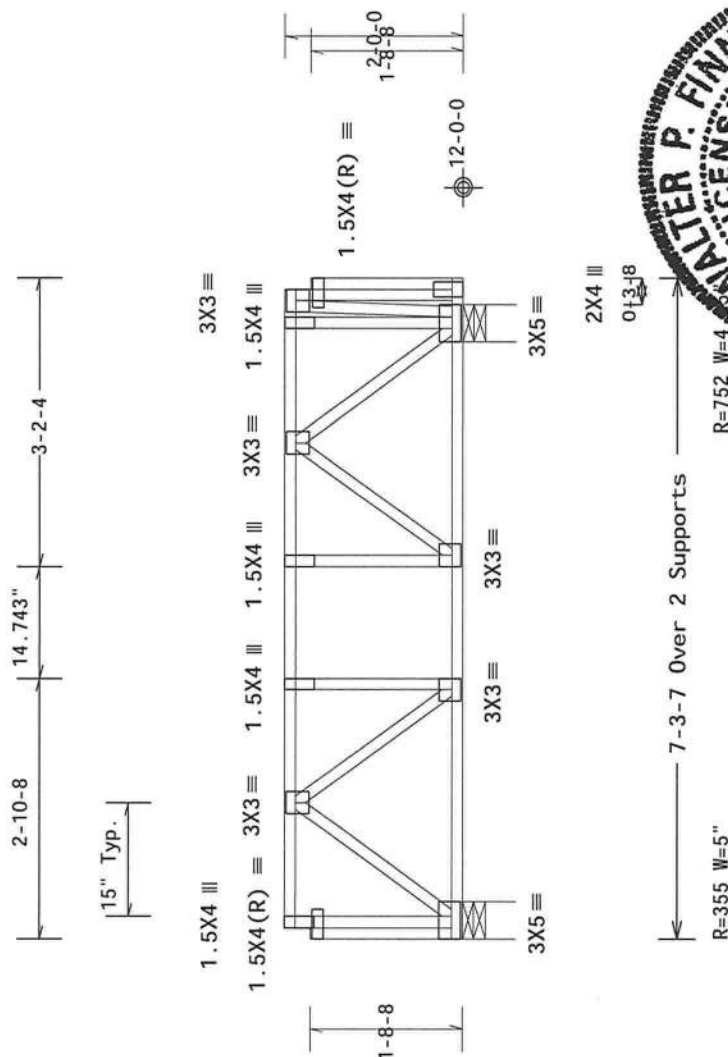
****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for practices prior to performing these functions. Installers shall provide temporary bracing per the drawings and specifications. Trusses shall be installed in accordance with the drawings and specifications. Trusses shall have a properly attached rigid collar. Locations shown for permanent lateral restraint of trusses shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation 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 by the engineer. This seal is required for the use of this design for any structure is subject to the general notes page. ITW-BGS: www.itwbcg.com, TPI: www.tpiinc.org, WTCA: www.bcsiindustry.com; ICC: www.iccsafe.org



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.

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

Scale = 5"/Ft.

TC LL	40.0	PSF	REF R9114- 87022
TC DL	10.0	PSF	DATE 12/19/12
BC DL	5.0	PSF	DRW HCUSR9114 12354053
BC LL	0.0	PSF	HC-ENG WHK/WHK
TOT.LD.	55.0	PSF	SEQN- 285850
DUR.FAC.	1.00		FROM SDY
SPACING	24.0"		JREF- 1US9114Z05

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

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSP (Building Component Safety) information, by TPI and WTCA for proper bracing practices prior to performing these functions. Installers shall provide temporary bracing post erection and shall provide proper bracing prior to erecting structural, sheathing and bottom chord. Trusses shall be braced in accordance with the following: lateral bracing, top lateral bracing, bottom lateral bracing, vertical bracing, diagonal bracing, and bracing for wind uplift. Trusses shall have bracing installed per BCSP sections B3, B7, and 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 Trus in conformance with ANSI/TPI 1, or for handling, shipping, installation or use of the Trus. Apply plaster to each face of truss chord at 1" position as shown above and on the joint between trusses. Trusses are to be installed in accordance with the details shown on this drawing. The drawing or cover page listing this design shows. 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;

ALPINE

UTW Building Components Group Inc.

J. L. Baines City, FL 33844

FL COA #0778

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

Top chord 4x2 SP_#2_12A
Bot chord 4x2 SP_#2_12A
Webs 4x2 SP_#2_12A

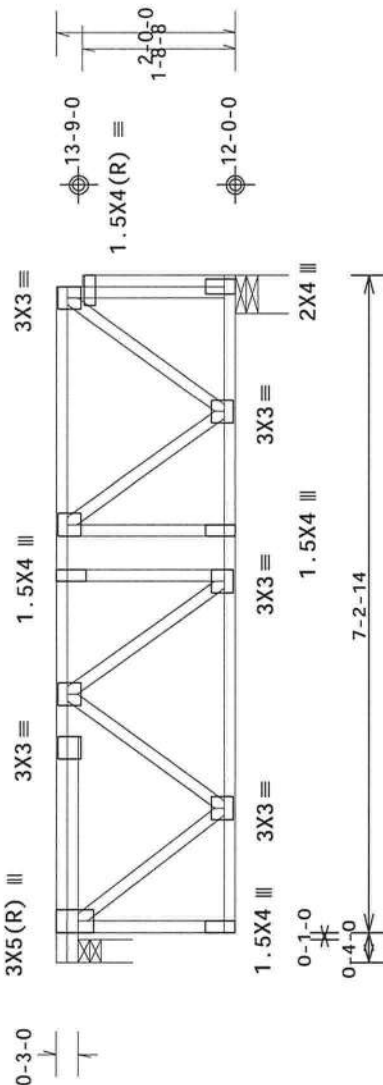
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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

PLT TYP. Wave

Design Crit: FBC2010Res/TPI-2007(S10)

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

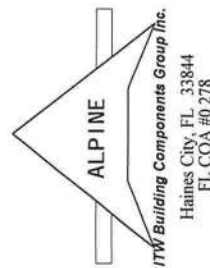
FL/-/5/-/-/R/-

Scale = .5" / Ft.

TC LL	40.0 PSF	REF	R9114- 87023
TC DL	10.0 PSF	DATE	12/19/12
BC DL	5.0 PSF	DRW	HCUSR9114 12354054
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	55.0 PSF	SEQN-	285851
DUR.FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for practices prior to performing these functions. Installers shall provide temporary bracing per drawings or cover page listing this drawing. The truss manufacturer shall be responsible for the responsibility of the Building Designer per ANSI/TPI 1, Sec. 2. For general notes page: ITW-BCSI: www.itwbsi.com; TPI: www.tpiinst.org; WTCA: www.bcsiindustry.com; ICC: www.iccsafe.org

****IMPORTANT**** ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or 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 is the responsibility of the Building Designer per ANSI/TPI 1, Sec. 2. For general notes page: ITW-BCSI: www.itwbsi.com; TPI: www.tpiinst.org; WTCA: www.bcsiindustry.com; ICC: www.iccsafe.org



(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - F47)

Top chord 4x2 SP_#1_Dense_12A
Bot chord 4x2 SP_#2_12A
Webs 4x2 SP_#2_12A

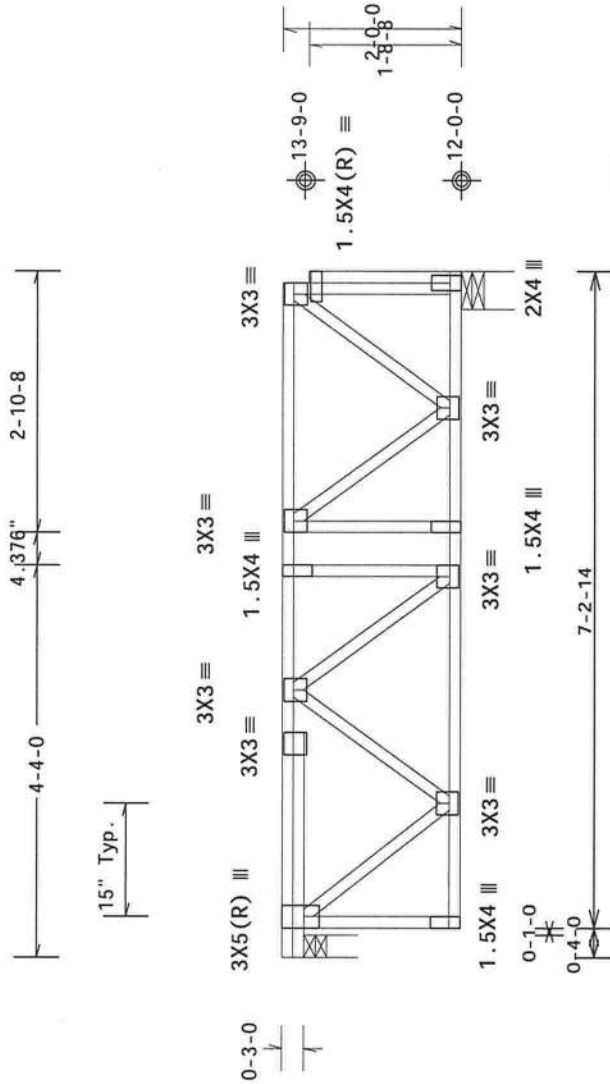
Lumber grades designated with "12A" use design values approved
1/5/2012 by ALSC.

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

Special loads

TC- From 50 plf at 0.00 to 50 plf at 4.64
TC- From 100 plf at 4.64 to 100 plf at 7.45
BC- From 5 plf at 0.33 to 5 plf at 4.64
TC- From 10 plf at 4.64 to 10 plf at 7.57
TC- 341.10 lb Conc. Load at 1.81
TC- 231.10 lb Conc. Load at 4.64

Truss must be installed as shown with top chord up.



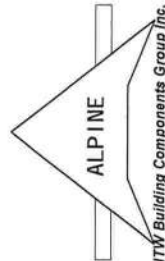
R=558

7-6-14 Over 2 Supports

R=578 W=3"

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

PLT TYP. Wave



Haines City, FL 33844
FL COA #0 278

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information, by TPI and WTC) for all practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. 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 & 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. The authority and use of this design for any structure is the responsibility of the user. This design is not to be used for any other purpose. This job is general notes page. ITW-BCG: www.itwbcg.com, TPI: www.tpi.net, WTC: www.theindustry.com, FCC: www.iccsafe.org

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

TC LL	40.0 PSF	REF	R9114- 87024
TC DL	10.0 PSF	DATE	12/19/12
BC DL	5.0 PSF	DRW	HCUSR9114 12354055
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	55.0 PSF	SEQN-	285892
DUR.FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - F48)

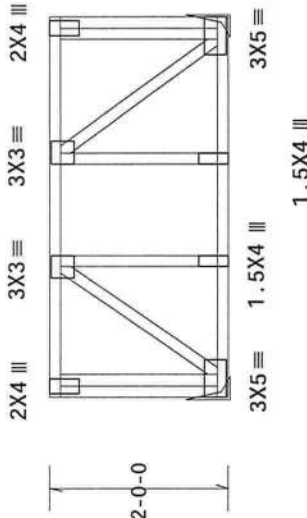
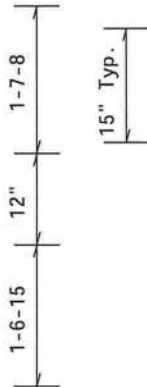
Top chord 4x2 SP_#2_12A
Bot chord 4x2 SP_#2_12A
Webs 4x2 SP_#2_12A

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

Truss must be installed as shown with top chord up.

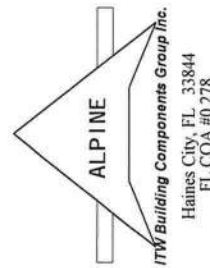
(H1) = (J) Hanger not calculated (1)4x2 SP_#2_12A
supporting member.
(H2) = (J) Hanger not calculated (2)2x8 SP_#1_Dense_12A
supporting member.

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



← 4-2-7 Over 2 Supports →
R=231
H=H1
R=231
H=H2

PLT TYP. Wave



Design Crit: FBC2010Res/TPI-2007(SD)

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

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET

IMPORTANT FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing.
Follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTC) recommendations for proper installation and bracing.
Installers shall provide temporary bracing per BCSI recommendations for all trusses.
Trusses shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or any failure to build the trusses 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 180A-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 ANSI/TPI 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.



Scale = .5" / Ft.

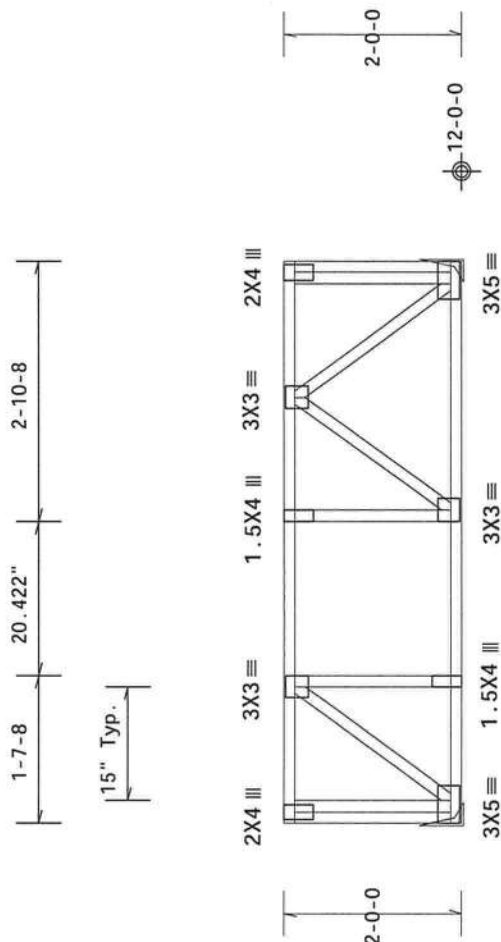
TC LL	40.0 PSF	FL/-/5/-/-/R/-	REF	R9114- 87025
TC DL	10.0 PSF		DATE	12/19/12
BC DL	5.0 PSF		DRW	HCUSR9114 12354056
BC LL	0.0 PSF		HC-ENG	WHK/WHK
TOT. LD.	55.0 PSF		SEQN-	285852
DUR. FAC.	1.00		FROM	SDY
SPACING	24.0"		JREF-	1US59114Z05

	SP_#1	SP_#2	SP_#3	SP_#4	SP_#5	SP_#6	SP_#7	SP_#8	SP_#9	SP_#10	SP_#11	SP_#12	SP_#13	SP_#14	SP_#15	SP_#16	SP_#17	SP_#18	SP_#19	SP_#20	SP_#21	SP_#22	SP_#23	SP_#24	SP_#25	SP_#26	SP_#27	SP_#28	SP_#29	SP_#30	SP_#31	SP_#32	SP_#33	SP_#34	SP_#35	SP_#36	SP_#37	SP_#38	SP_#39	SP_#40	SP_#41	SP_#42	SP_#43	SP_#44	SP_#45	SP_#46	SP_#47	SP_#48	SP_#49	SP_#50	SP_#51	SP_#52	SP_#53	SP_#54	SP_#55	SP_#56	SP_#57	SP_#58	SP_#59	SP_#60	SP_#61	SP_#62	SP_#63	SP_#64	SP_#65	SP_#66	SP_#67	SP_#68	SP_#69	SP_#70	SP_#71	SP_#72	SP_#73	SP_#74	SP_#75	SP_#76	SP_#77	SP_#78	SP_#79	SP_#80	SP_#81	SP_#82	SP_#83	SP_#84	SP_#85	SP_#86	SP_#87	SP_#88	SP_#89	SP_#90	SP_#91	SP_#92	SP_#93	SP_#94	SP_#95	SP_#96	SP_#97	SP_#98	SP_#99	SP_#100	SP_#101	SP_#102	SP_#103	SP_#104	SP_#105	SP_#106	SP_#107	SP_#108	SP_#109	SP_#110	SP_#111	SP_#112	SP_#113	SP_#114	SP_#115	SP_#116	SP_#117	SP_#118	SP_#119	SP_#120	SP_#121	SP_#122	SP_#123	SP_#124	SP_#125	SP_#126	SP_#127	SP_#128	SP_#129	SP_#130	SP_#131	SP_#132	SP_#133	SP_#134	SP_#135	SP_#136	SP_#137	SP_#138	SP_#139	SP_#140	SP_#141	SP_#142	SP_#143	SP_#144	SP_#145	SP_#146	SP_#147	SP_#148	SP_#149	SP_#150	SP_#151	SP_#152	SP_#153	SP_#154	SP_#155	SP_#156	SP_#157	SP_#158	SP_#159	SP_#160	SP_#161	SP_#162	SP_#163	SP_#164	SP_#165	SP_#166	SP_#167	SP_#168	SP_#169	SP_#170	SP_#171	SP_#172	SP_#173	SP_#174	SP_#175	SP_#176	SP_#177	SP_#178	SP_#179	SP_#180	SP_#181	SP_#182	SP_#183	SP_#184	SP_#185	SP_#186	SP_#187	SP_#188	SP_#189	SP_#190	SP_#191	SP_#192	SP_#193	SP_#194	SP_#195	SP_#196	SP_#197	SP_#198	SP_#199	SP_#200	SP_#201	SP_#202	SP_#203	SP_#204	SP_#205	SP_#206	SP_#207	SP_#208	SP_#209	SP_#210	SP_#211	SP_#212	SP_#213	SP_#214	SP_#215	SP_#216	SP_#217	SP_#218	SP_#219	SP_#220	SP_#221	SP_#222	SP_#223	SP_#224	SP_#225	SP_#226	SP_#227	SP_#228	SP_#229	SP_#230	SP_#231	SP_#232	SP_#233	SP_#234	SP_#235	SP_#236	SP_#237	SP_#238	SP_#239	SP_#240	SP_#241	SP_#242	SP_#243	SP_#244	SP_#245	SP_#246	SP_#247	SP_#248	SP_#249	SP_#250	SP_#251	SP_#252	SP_#253	SP_#254	SP_#255	SP_#256	SP_#257	SP_#258	SP_#259	SP_#260	SP_#261	SP_#262	SP_#263	SP_#264	SP_#265	SP_#266	SP_#267	SP_#268	SP_#269	SP_#270	SP_#271	SP_#272	SP_#273	SP_#274	SP_#275	SP_#276	SP_#277	SP_#278	SP_#279	SP_#280	SP_#281	SP_#282	SP_#283	SP_#284	SP_#285	SP_#286	SP_#287	SP_#288	SP_#289	SP_#290	SP_#291	SP_#292	SP_#293	SP_#294	SP_#295	SP_#296	SP_#297	SP_#298	SP_#299	SP_#300	SP_#301	SP_#302	SP_#303	SP_#304	SP_#305	SP_#306	SP_#307	SP_#308	SP_#309	SP_#310	SP_#311	SP_#312	SP_#313	SP_#314	SP_#315	SP_#316	SP_#317	SP_#318	SP_#319	SP_#320	SP_#321	SP_#322	SP_#323	SP_#324	SP_#325	SP_#326	SP_#327	SP_#328	SP_#329	SP_#330	SP_#331	SP_#332	SP_#333	SP_#334	SP_#335	SP_#336	SP_#337	SP_#338	SP_#339	SP_#340	SP_#341	SP_#342	SP_#343	SP_#344	SP_#345	SP_#346	SP_#347	SP_#348	SP_#349	SP_#350	SP_#351	SP_#352	SP_#353	SP_#354	SP_#355	SP_#356	SP_#357	SP_#358	SP_#359	SP_#360	SP_#361	SP_#362	SP_#363	SP_#364	SP_#365	SP_#366	SP_#367	SP_#368	SP_#369	SP_#370	SP_#371	SP_#372	SP_#373	SP_#374	SP_#375	SP_#376	SP_#377	SP_#378	SP_#379	SP_#380	SP_#381
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	(H1) = (J) supporting member.	(H2) = (J) supporting member.
(1)4x2 SP_#2_12A	not calculated	not calculated
(2)2x8 SP_#1_Dense	not calculated	not calculated

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.



← 6-2-7 Over 2 Supports →

R=341
H=H1

R=341
H=H2

PLT TYP.: Wave

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

Scale = .5"/Ft.

TC LL	40.0 PSF	REF	R9114- 87026
TC DL	10.0 PSF	DATE	12/19/12
BC DL	5.0 PSF	DRW	HCUSR9114 12354057
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	55.0 PSF	SEQN-	285853
DUR.FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05

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

****IMPORTANT****

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BEST (Building Component Safety Information, by TPI and WCA) for details on proper handling and bracing of trusses. Trusses are designed to be installed with the top chord fully sheathed with structural sheathing and batten channels. Trusses shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint or bracing shall have bracing installed per BEST sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on this drawing or cover page listing this drawing, 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.com; WCA: www.sdcindustries.com.

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

nes City, FL 338
FL COA #0278

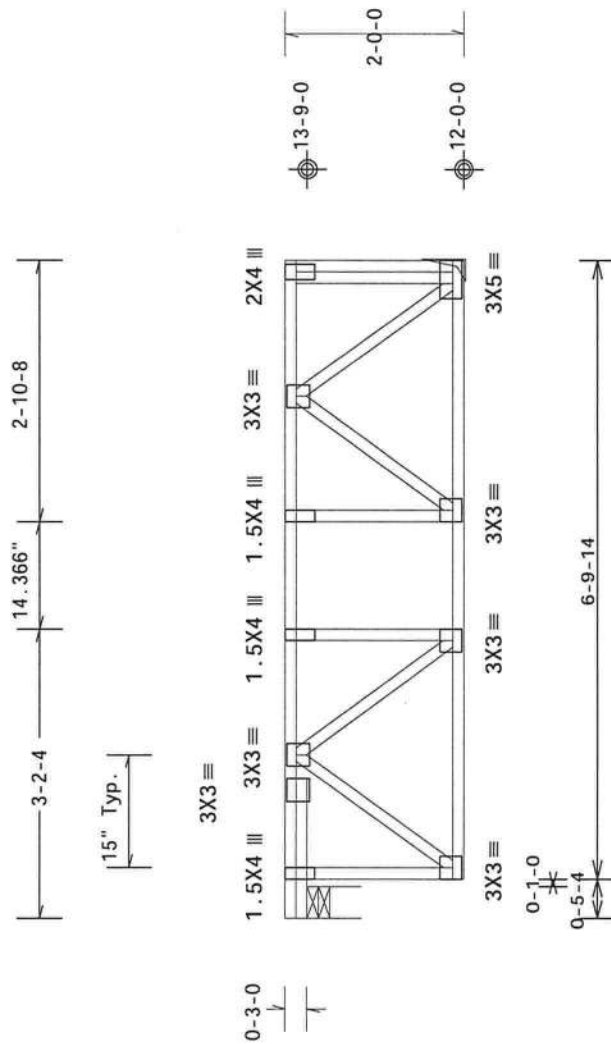
FL COA #0 278

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



7-3-2 Over 2 Supports

R=394 W=4.243"

R=401
H=H1Design Crit: FBC2010Res/TPI-2007(S.D)
FT/RT=12%(0%)/10(0)

PLT TYP.: Wave

07Y-1

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. To follow the latest edition of BCSS (Building Component Safety Information, by TPI and WCA) specifications prior to performing these functions. Installers shall provide temporary bracing and shoring for all trusses during fabrication, handling, shipping, installation and erection. Each truss shall have bracing installed per BCSS sections 83, 87 or 89, as void/filled/braced lateral resistance.

THE Building Components Group Inc. (TBCG) shall be responsible for any deviation from this drawing. The responsibility of the Building Designer per ANSI/TPI 1 Sec. 2. For more information see: www.1554arfa.org www.tbcg.com www.kanegy.com www.sdcindustries.com www.ansi.org www.tpi.org



12/19/2012

Decals, 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/TP1 Sec.2. For more information see: This Job's general notes pages: 11B-B00; www.tpinet.org; WTCA; www.sbcindustry.com; ITC; www.ircsafa.org

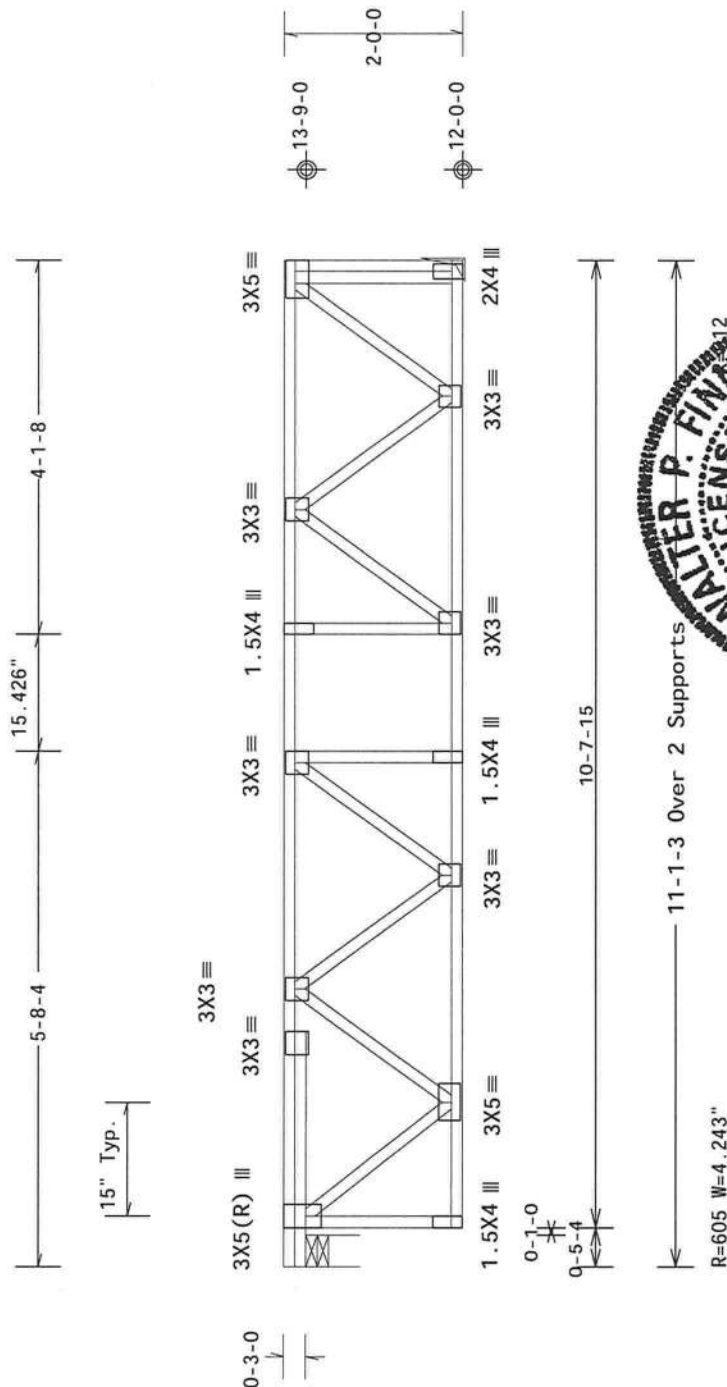
ALPINE

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

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

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(S.D)
FT/RT=12%(0%)/10(0)

Scale = .5"/Ft.

TC LL	40.0 PSF	REF	R9114- 87029
TC DL	10.0 PSF	DATE	12/19/12
BC DL	5.0 PSF	DRW	HCUSR9114 12354060
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	55.0 PSF	SEQN-	285856
DUR.FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1US9114Z05

12/19/2012

ALPINE

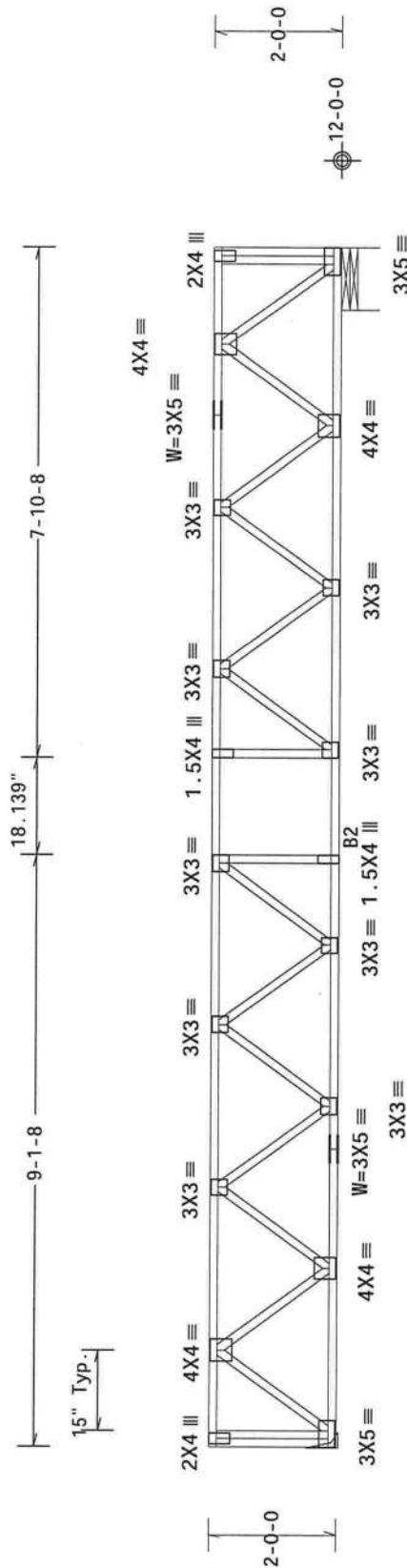
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

See detail STRBR|BR0211 for bracing and bridging recommendations.

(H1) = (J) Hanger not calculated || n/a || available

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

PLT TYP. Wave

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

Scale = .375"/Ft.

TC LL	40.0	PSF	REF	R9114-	87030
TC DL	10.0	PSF	DATE	12/19/12	
BC DL	5.0	PSF	DRW	HCUSR9114	12354061
BC LL	0.0	PSF	HC-ENG	WHK/WHK	
TOT.LD.	55.0	PSF	SEQN-	285857	
DUR.FAC.	1.00		FROM	SDY	
SPACING	24.0"		JREF-	1US9114Z05	

12/19/2012

Decals, unless noted otherwise. Refer to drawing B6A-2 for standard plate positions. A seal on this drawing or cover page listing this drawing. The suitability and use of this design for any responsibility solely for the design shown. The suitability and use of this design for any responsibility of the Building Designer per AISI/ASTM 1.5c.2. For more information see: general notes page: TW-BCC: www.fibetec.com; TW-TP: www.tpinc.net; TW-AC: www.acindustry.com

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

FL COA #0278

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

Top chord 4x2 SP_#2_12A
Bot chord 4x2 SP_#2_12A
Webs 4x2 SP_#2_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.

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.

2X4 ||

3X3 ≡

2X4 ||

2X4 ||

3X3 ≡

2X4 ||

3X5 ≡

3X5 ≡

2-0-0

2-0-0

2-0-0

12-0-0

2-11-8 Over Continuous Support

R=110 PLF W=2-11-8

PLT TYP. Wave

ALPINE

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

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

10.03.10.1223.10

12/19/2012

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

12/19/2012

12/19/2012

PLT TYP. Wave

Scale = .5" / Ft.

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"

REF R9114- 87031

DATE 12/19/12

DRW HCUSR9114 12354062

HC-ENG WHK/WHK

SEQN- 285858

FROM SDY

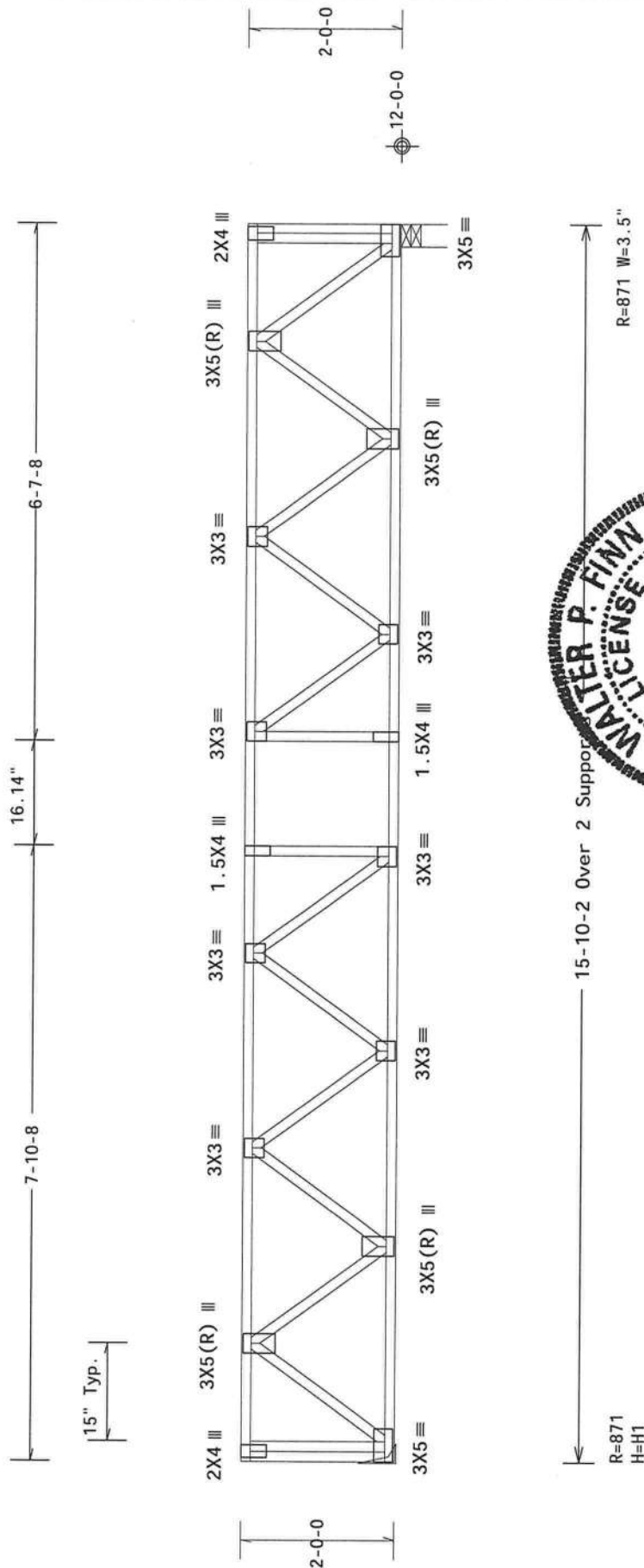
JREF- 1US59114Z05

See detail STRBRIBR0211 for bracing and bridging recommendations.

Webs 4x2 SP #2_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.



PLT TYP. Wave

Design Crit: FBC2010Res/TPI-2007(S_{TP})
FT/RT=12%(0%)/10(0)

Scale = .5"/Ft.

TC LL	40.0	PSF	REF	R9114- 87032
TC DL	10.0	PSF	DATE	12/19/12
BC DL	5.0	PSF	DRW	HCUSR9114 12354063
BC LL	0.0	PSF	HC-ENG	WHK-/WHK
TOT.LD.	55.0	PSF	SEQN-	285859
DUR.FAC.	1.00		FROM	SDY
SPACING	24.0"		JREF-	1US59114Z05

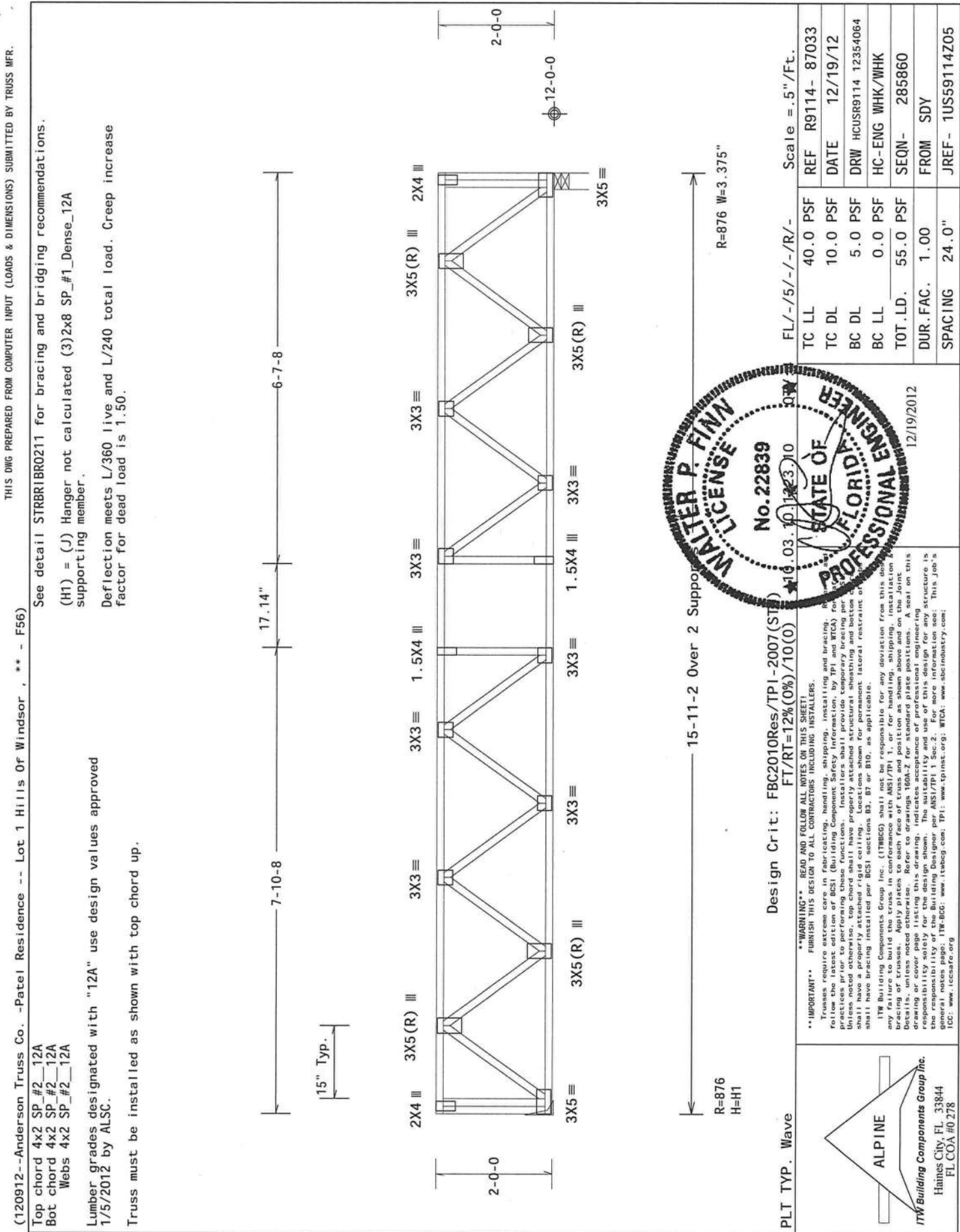
12/19/2012

Details, unless noted otherwise. Refer to drawings 60A-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/TP1 1 Sec.2. For more information see: This job's general notes page. ITW-BGC: www.itwbcg.com; TPI: www.tpi.net; WTCA: www.abctindustry.com

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844



Top	chord	4x2	SP_#2	12A
Bot	chord	4x2	SP_#2	12A
	Webbs	4x2	SP_#2	12A

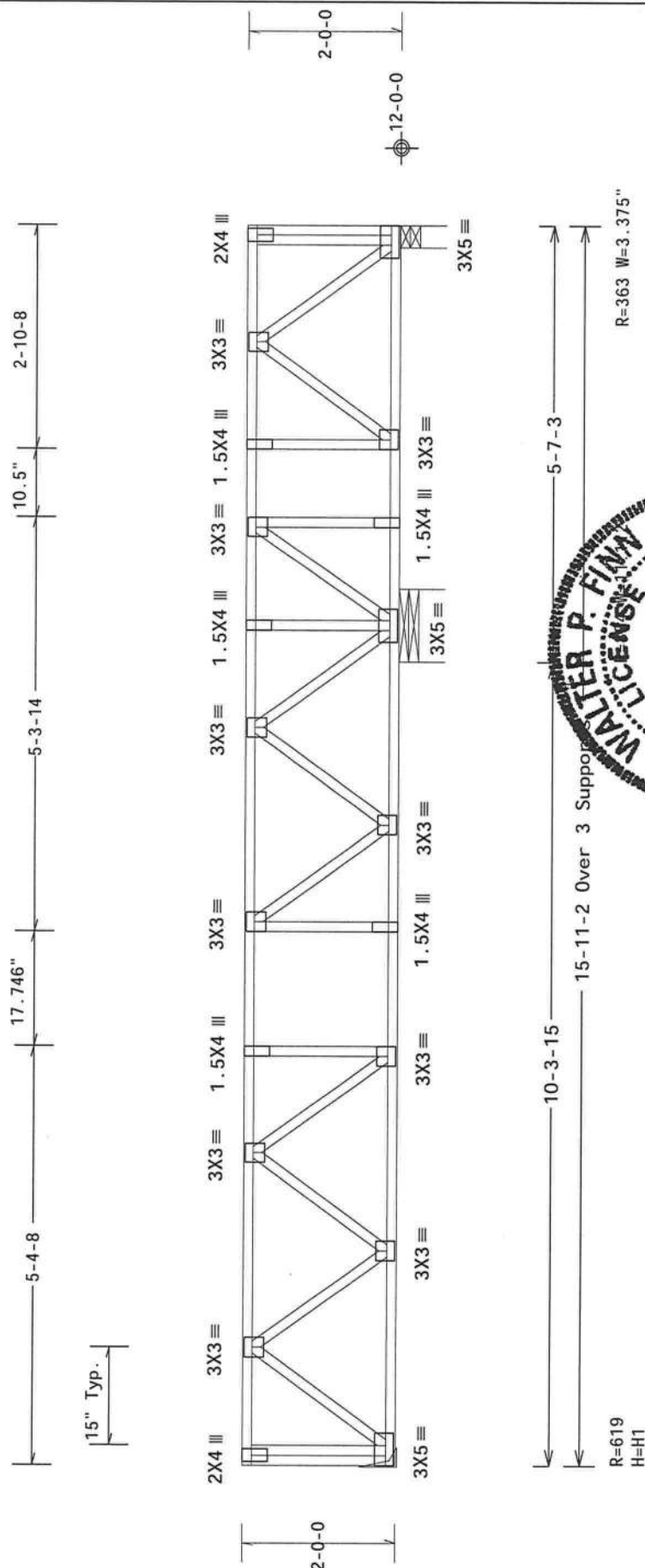
See detail STRBRIBR0211 for bracing and bridging recommendations.

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



PLT TYP: Wave

Design Crit: FBC2010Res/TPI-2007(S10)
FT/RT=12%(0%)/10(0)

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

TC LL	40.0	PSF	REF	R9114- 87034
TC DL	10.0	PSF	DATE	12/19/12
BC DL	5.0	PSF	DRW	HCUSR9114 12354065
BC LL	0.0	PSF	HC-ENG	WHK/WHK
TOT.LD.	55.0	PSF	SEQN-	285861
DUR.FAC.	1.00		FROM	SDY
SPACING	24.0"		IREF-	1US59114Z05

STATE OF FLORIDA
PROFESSIONAL ENGINEER
No. 12546
12/1/94

12/19/2012

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/TP1 Sec.2. For more information see: This job's general notes page. 1TW-BCC: www.1twboc.com; TPI: www.tpiinc.org; WTA: www.abci-industry.com.

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

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - F59)

Top chord	4x2	SP_#2	12A
Bot chord	4x2	SP_#2	12A
Webbs	4x2	SP_#2	12A

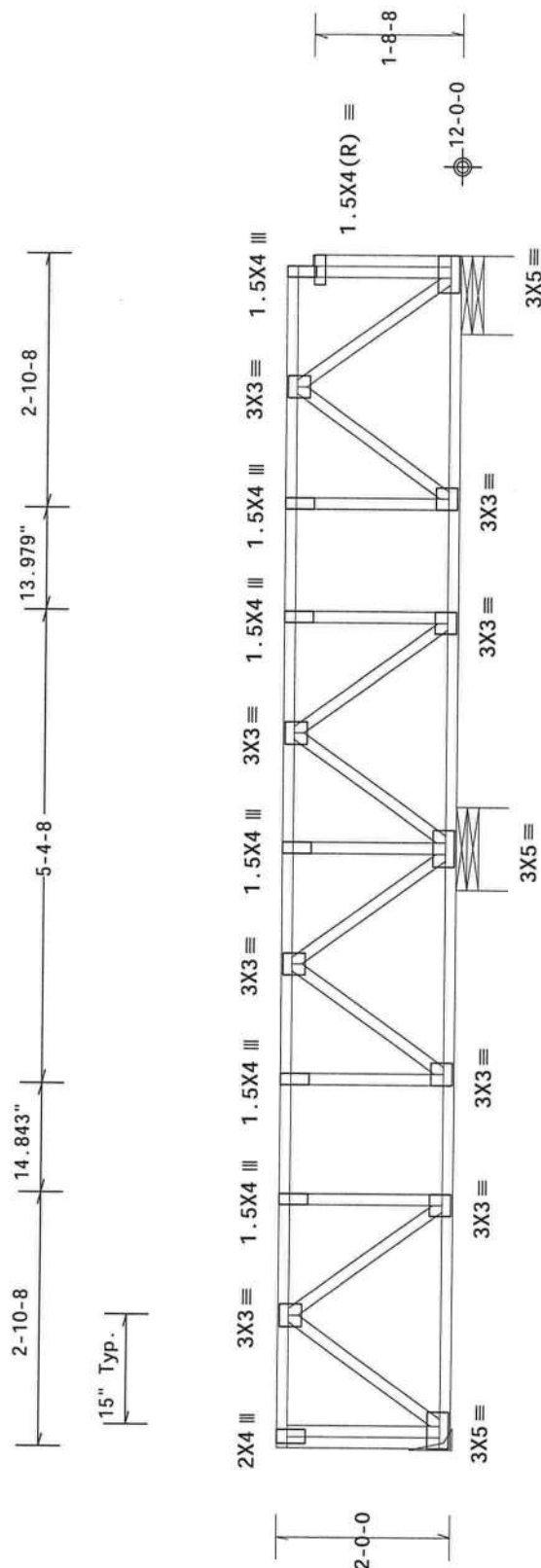
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

Truss must be installed as shown with top chord up.

See detail STRBRIBRO211 for bracing and bridging recommendations.

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

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



6-3-15

7

13-6-5 Over 3 Supports

R-393

R=741 W=11.314"

W=10.689"

WALTER P. FINNEY
CONSULTING ENGINEER

R=741 W=11.314"

PLT TYP. Wave

Design Crit: FBC2010Res/TPI-2007(ST

FT/RT=12%(0

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

Follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for details on proper installation practices prior to performing these functions.

Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint

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

any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or erecting the truss, or for any other reason, the manufacturer shall be responsible for the failure of the truss. Apply plates to each face of truss and position as shown above and on the details, unless noted otherwise.

Indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this provision for any other purpose, unless noted otherwise, refer to drawings 180A-2 for standard plate positions. A

the responsibility of the Building Designer per ANSI/TPI 1 Sec. 2. For more information see:
General notes page: ITW-BCO: www.itwbcg.com; TPI: www.tpinet.org; WTCA: www.theindustry.com;

See: www.iceaa.org

Scale = .5"/Ft.

REF R9114- 87036

DATE 12/19/12

ORW HCUISR9114 12354067

IC-ENG WHK /WHK

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NOV	205002

[illegible]

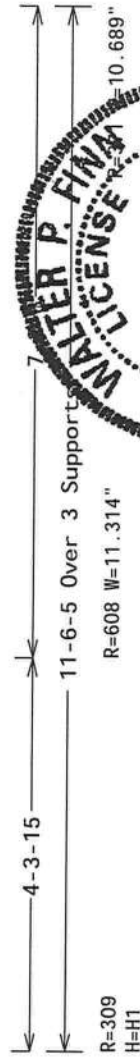
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90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

REF- 1US59114Z05

See detail STRBRIBR0211 for bracing and bridging recommendations.
(H1) = (J) Hanger not calculated (3)2x8 SP_#1_Dense_12A supporting member.

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

Truss must be installed as shown with top chord up.



Scale = .5"/Ft.

TC LL	40.0	PSF	REF	R9114-	87037
TC DL	10.0	PSF	DATE	12/19/12	
BC DL	5.0	PSF	DRW	HCUSR9114	12354068
BC LL	0.0	PSF	HC-ENG	WHK/WHK	
TOT.LD.	55.0	PSF	SEQN-	285864	
DUR.FAC.	1.00		FROM	SDY	
SPACING	24.0"		JREF-	1U559114Z05	

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

Trussess require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSP (Building Component Safety Information, by TPI and WTCFA) for the proper practices for bracing and handling of trusses. Temporary bracing for the trusses shall have a properly attached rigid collar. Locations shown for permanent lateral restraint of the truss shall have bracing installed per BCSP sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (TWBCG) 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, shall be the responsibility of the contractor. Be sure each rafter and position as shown above and on the Joint Detail are properly placed. Be sure each rafter and position as shown above and on the Joint Detail are properly placed. Be sure each rafter and position as shown above and on the Joint Detail are properly placed.

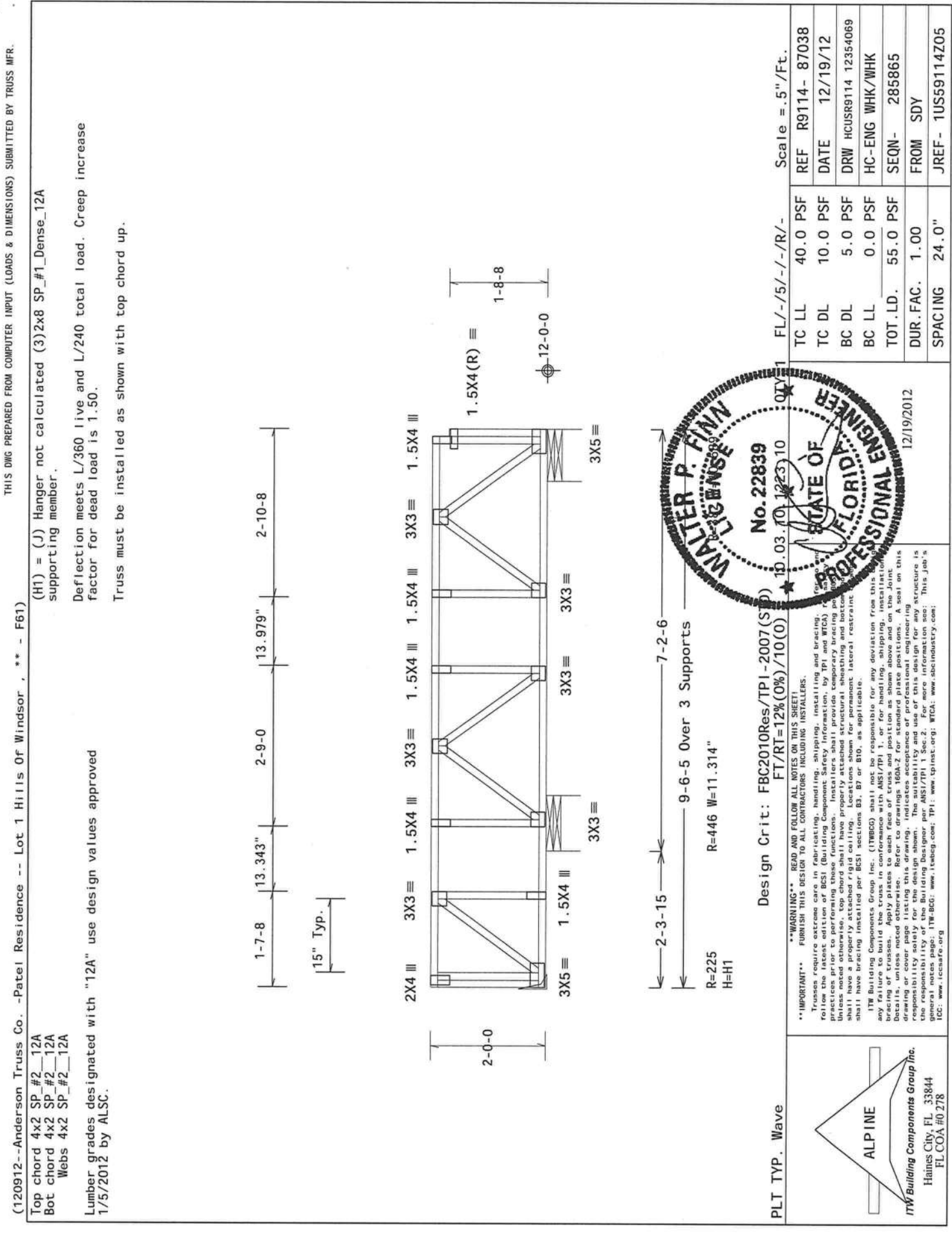
Drawings, unless noted otherwise, indicate acceptance of professional engineering and seal on this drawing or cover page listing this drawing. The suitability and use of this design for any structure is the responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility solely for the design shown.

For more information see: This job's
 TWBCG: www.twbcg.com; WTCFA: www.wtcfa.org
 TWBCG: www.1cc6666.org

ALPINE

ITW Building Components Group Inc.

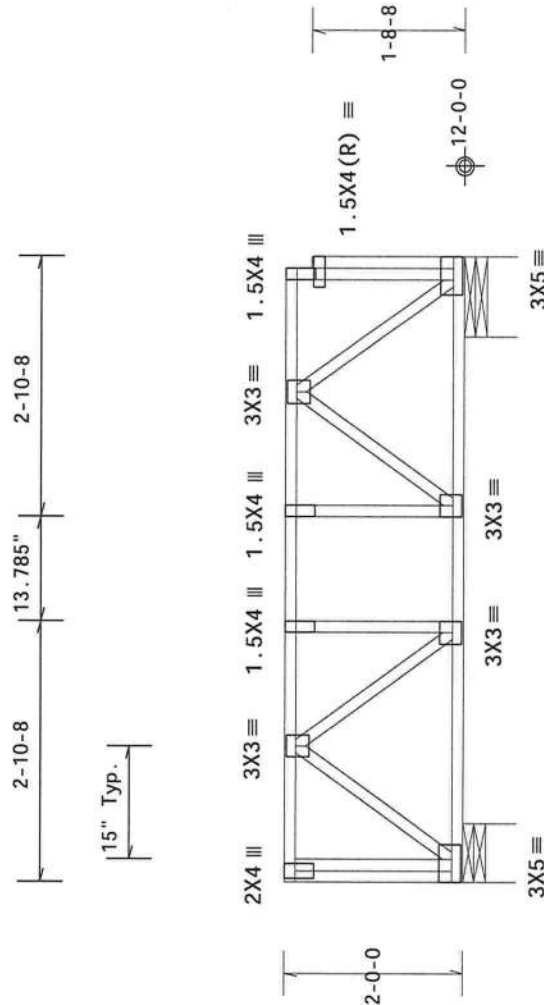
Haines City, FL 33844
FL COA #0 278



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.



6-10-13 Over 2 Supports
R=380 W=7.713"
R=367 W=10.689"

R=380 W=7.713"

R=367 W=10.689"

PLT TYP. Wave

Design Crit: FBC2010Res/TP1-2007(STO

★03.16.13.70

$$FT/RT = 12\%(0\%) / 10(0)$$
FL/-/5/-/-/R/-
Scale = 5"/Ft.

TC LL	40.0	PSF	REF	R9114-	87039
TC DL	10.0	PSF	DATE	12/19/12	
BC DL	5.0	PSF	DRW	HCUSR9114	12354070
BC LL	0.0	PSF	HC-ENG	WHK/WHK	
TOT.LD.	55.0	PSF	SEQN-	285866	
DUR.FAC.	1.00		FROM	SDY	
SPACING	24.0"		JREF-	1US59114Z05	

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information, by TPI and WCTCA) for the most current information on the proper practices to performing these functions. Installers shall provide temporary bracing for all trusses until they are properly braced. Trusses shall have a properly attached rigid ceiling. Locations of all structural sheathing and bottom chord bracing shall be indicated on the drawings. Locations of all structural sheathing or bracing shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

[illegible]

ALPINE

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

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

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

Top chord 4x2 SP_#2_12A
Bot chord 4x2 SP_#2_12A
Webs 4x2 SP_#2_12A

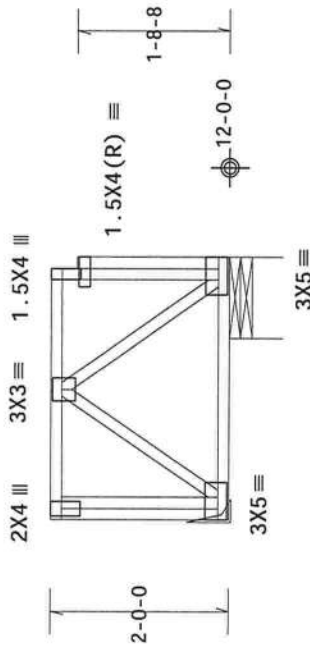
(H1) = (J) Hanger not calculated (1)4x2 SP_#2_12A supporting member.

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.

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

14.375" Typ



2-10-13 Over 2 Supports

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

PLT TYP. Wave

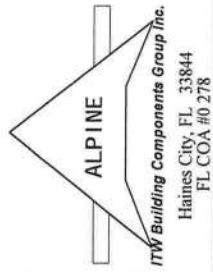
Design Crit: FBC2010Res/TPI-2007(STD)
FT/RT=12%(0%)/10(0)

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

TC LL	40.0 PSF	REF	R9114- 87040
TC DL	10.0 PSF	DATE	12/19/12
BC DL	5.0 PSF	DRW	HCU9R9114 12354071
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	55.0 PSF	SEQN-	285867
DUR.FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05



****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET.
****IMPORTANT**** FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for 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 end panels 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 the truss. Refer to drawings 180A-2 for standard plate positions. A detail on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This Job's General notes page; ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; WTCA: www.sbcindustry.com; BCSI: www.bcsinstitute.org



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

Top chord 4x2 SP_#2_12A
Bot chord 4x2 SP_#2_12A
Webs 4x2 SP_#2_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.

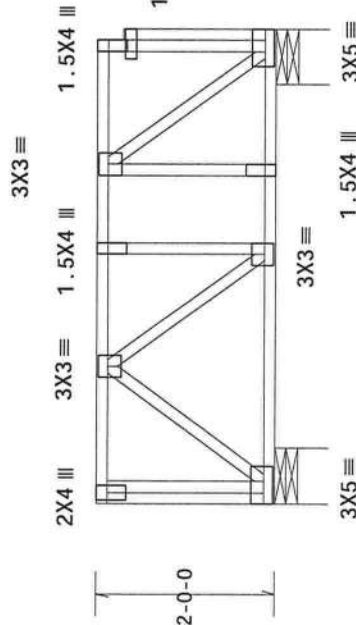
Special loads

-----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.

2-10-8 8.751" 1-7-8

15" Typ.



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



PLT TYP. Wave

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

Design Crit: FBC2010Res/TPI-2007 (S10)
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.
Follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) practices prior to performing these functions. Installers shall provide temporary bracing unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint shall have bracing installed per BCSI sections 83, 87 or 810, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation or bracing of the truss. Refer to drawings 160A-2 for standard plate position and details. 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

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

TC LL	40.0 PSF	REF	R9114- 87041
TC DL	10.0 PSF	DATE	12/19/12
BC DL	5.0 PSF	DRW	HCU9114 12354072
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	55.0 PSF	SEQN-	285893
DUR.FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05

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

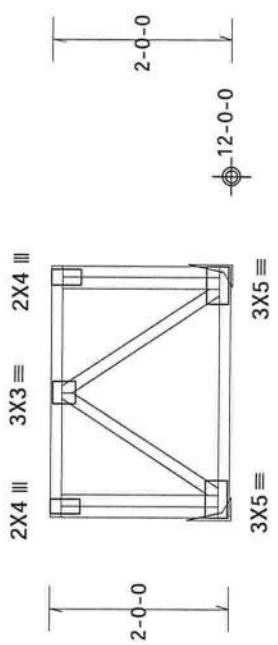
Top chord 4x2 SP_#2_12A
Bot chord 4x2 SP_#2_12A
Webs 4x2 SP_#2_12A
(H1) = (J) Hanger not calculated (3)2x8 SP_#1_Dense_12A supporting member.
(H2) = (J) Hanger not calculated (2)2x8 SP_#1_Dense_12A supporting member.

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.

13.625" Typ.



2'-9-5 Over 2 Supports

R=153
H=H1
R=153
H=H2

PLT TYP. Wave

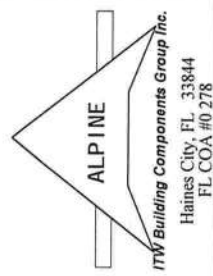
Design Crit: FBC2010Res/TPI-2007(STB)
FT/RT=12%(0%)/10(0)

Scale = .5" / Ft.

FL/-/5/-/-/R/-	Scale = .5" / Ft.
TC LL 40.0 PSF	REF R9114- 87042
TC DL 10.0 PSF	DATE 12/19/12
BC DL 5.0 PSF	DRW HCUSR9114 12354073
BC LL 0.0 PSF	HC-ENG WHK/WHK
TOT.LD. 55.0 PSF	SEQN- 285868
DUR.FAC. 1.00	FROM SDY
SPACING 24.0"	JREF- 1US59114Z05



****IMPORTANT****
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for practices prior to performing these functions. Installers shall provide temporary bracing per details noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of truss shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design for any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation or bracing. The user of this design shall be responsible for the design 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: general notes page; ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; WTCA: www.alcindustry.com; IBC: www.iccsafe.org

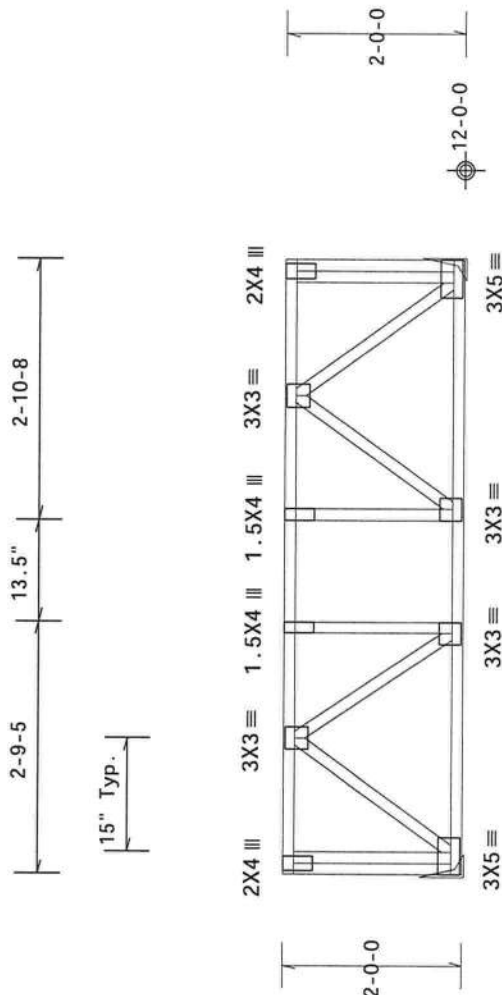


(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - F66)

	Top chord	4x2	SP_#2	12A
Bot chord	4x2	SP_#2	12A	
Webbs	4x2	SP_#2	12A	
				(H1) = (J) Hanger not calculated (3) 2x8 SP_#1_Dense_12A supporting member.
				(H2) = (J) Hanger not calculated (2) 2x8 SP_#1_Dense_12A supporting member.

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

1/5/2012 by ALSC.



← 6-9-5 Over 2 Supports →

R=373
H=H1

R=373
H=H2

R=373
H=H2

PLT TYP: Wave

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

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

TC LL	40.0 PSF	REF	R9114- 87043
TC DL	10.0 PSF	DATE	12/19/12
BC DL	5.0 PSF	DRW	HCUSR9114 12354074
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	55.0 PSF	SEQN-	285869
DUR.FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05

STATE OF
FLORIDA
PROFESSIONAL ENGINEER

12/19/2012

ALPINE

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

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

Top chord 4x2 SP_#2_12A
Bot chord 4x2 SP_#2_12A
Webs 4x2 SP_#2_12A

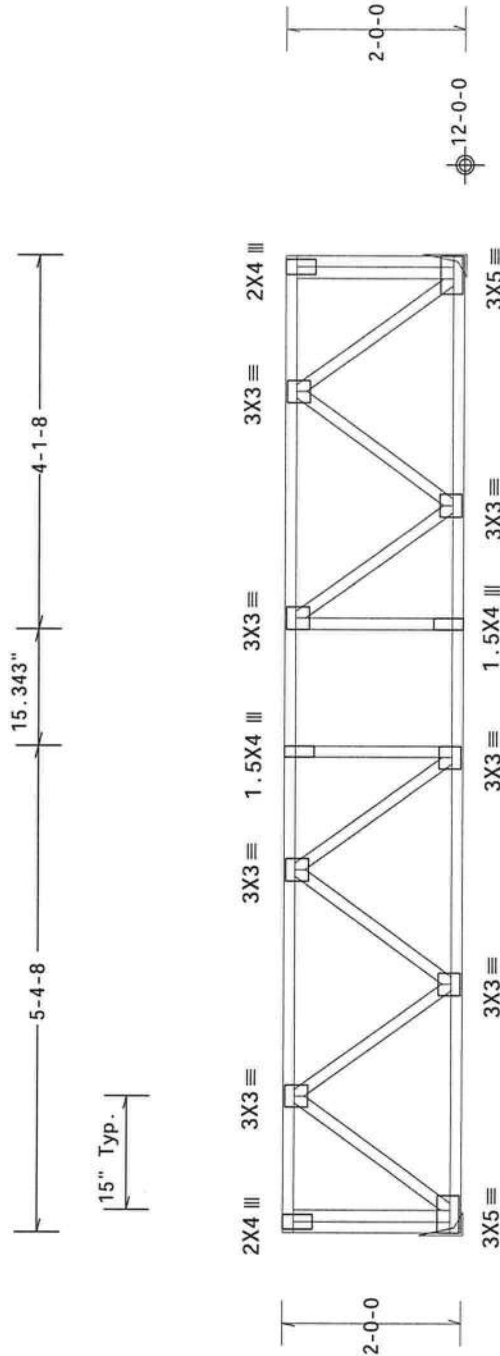
Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

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

See detail STRBRIBR0211 for bracing and bridging recommendations.

(H1) = (J) Hanger not calculated (3)2x8 SP_#1_Dense_12A supporting member.
(H2) = (J) Hanger not calculated (2)2x8 SP_#1_Dense_12A supporting member.

Truss must be installed as shown with top chord up.



10-9-5 Over 2 Supports

R=593
H=H1

PLT TYP. Wave

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

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

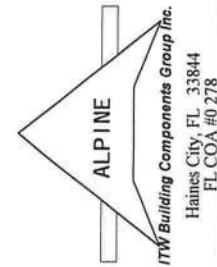
TC LL	40.0 PSF	REF	R9114- 87044
TC DL	10.0 PSF	DATE	12/19/12
BC DL	5.0 PSF	DRW	HCUSR9114 12354075
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT .LD.	55.0 PSF	SEQN-	285870
DUR.FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05



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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Butcher the truss to fit the site conditions. Trusses are designed and manufactured to meet or exceed the requirements of the American Institute of Steel Construction, Inc. (AISC) Specification for Structural Steel Buildings. Trusses shall be installed in accordance with the manufacturer's instructions. Trusses shall be installed in accordance with the manufacturer's instructions. Trusses shall be installed in accordance with the manufacturer's instructions.

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. Trusses are designed and manufactured to meet or exceed the requirements of the American Institute of Steel Construction, Inc. (AISC) Specification for Structural Steel Buildings. Trusses shall be installed in accordance with the manufacturer's instructions. Trusses shall be installed in accordance with the manufacturer's instructions. Trusses shall be installed in accordance with the manufacturer's instructions.



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

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

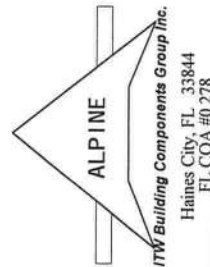
(H1) = (J)	Hanger	not calculated	(3)2x8 SP_#1_Dense_12A
	supporting member.		
(H2) = (J)	Hanger	not calculated	(2)2x8 SP_#1_Dense_12A
	supporting member.		

Truss must be installed as shown with top chord up.

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

Scale = .5"/Ft.

TC LL	40.0	PSF	REF	R9114-	87045
TC DL	10.0	PSF	DATE	12/19/12	
BC DL	5.0	PSF	DRW	HCUSR9114	12354076
BC LL	0.0	PSF	HC-ENG	WHK/WHK	
TOT.LD.	55.0	PSF	SEQN-	285871	
DUR.FAC.	1.00		FROM	SDY	
SPACING	24.0"		JREF-	1US59114Z05	



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

Top chord 4x2 SP_#2_12A
Bot chord 4x2 SP_#2_12A : B2 4x2 SP_#1_Dense_12A:
Webs 4x2 SP_#2_12A

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

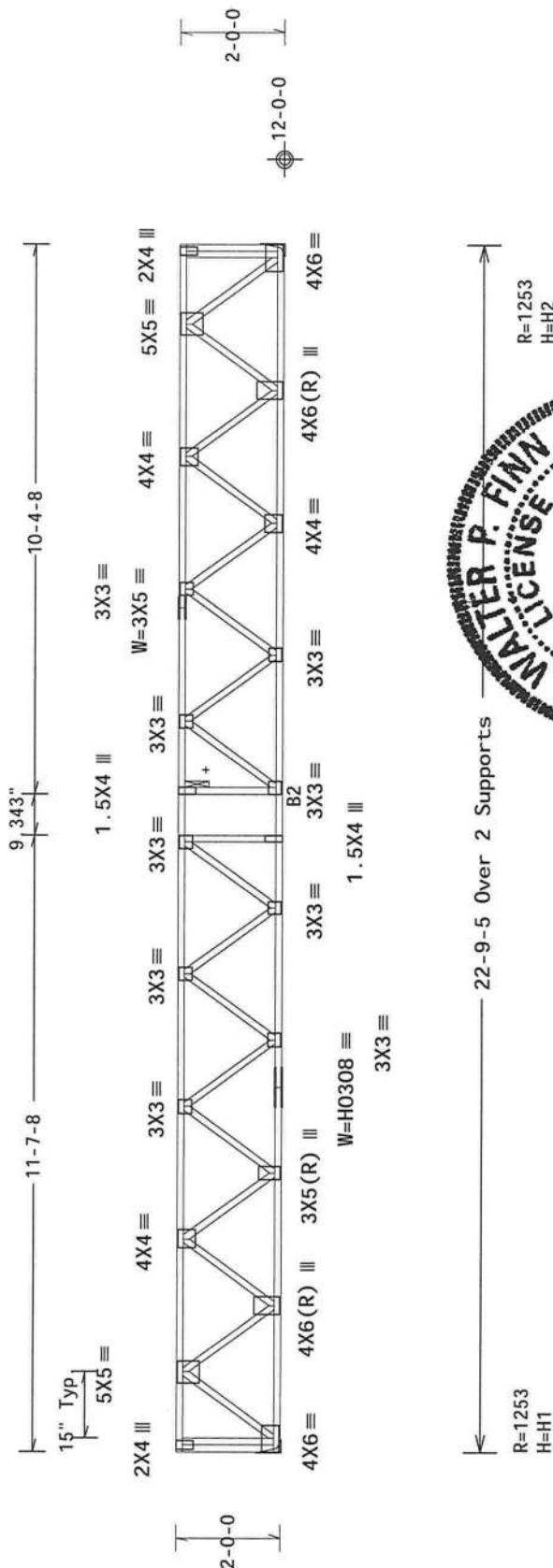
Max JT VERT DEFL: LL: 0.31" DL: 0.19" recommended camber 1/4"

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

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

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

Truss must be installed as shown with top chord up.



R=1253
H=H1

R=1253
H-H2

22-9-5 Over 2 Supports

PLT TYP. 20 Gauge HS, Wave

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

No. 22839

Scale = .3125"/Ft.

TC LL	40.0	PSF	REF	R9114-	87047
TC DL	10.0	PSF	DATE	12/19/12	
BC DL	5.0	PSF	DRW	HCUSR9114	12354078
BC LL	0.0	PSF	HC-ENG	WHK/WHK	
TOT.LD.	55.0	PSF	SEQN-	285873	
DUR.FAC.	1.00		FROM	SDY	
SPACING	24.0"		JREF-	1US59114Z05	

STATE OF FLORIDA
PROFESSIONAL ENGINEER

12/19/2012

Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. A seal on this drawing or cover page listing this drawing. 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-BG6; www.itwbcg.com; TPI: www.tpinet.org; WTCA: www.sbcindustries.com

ALPINE

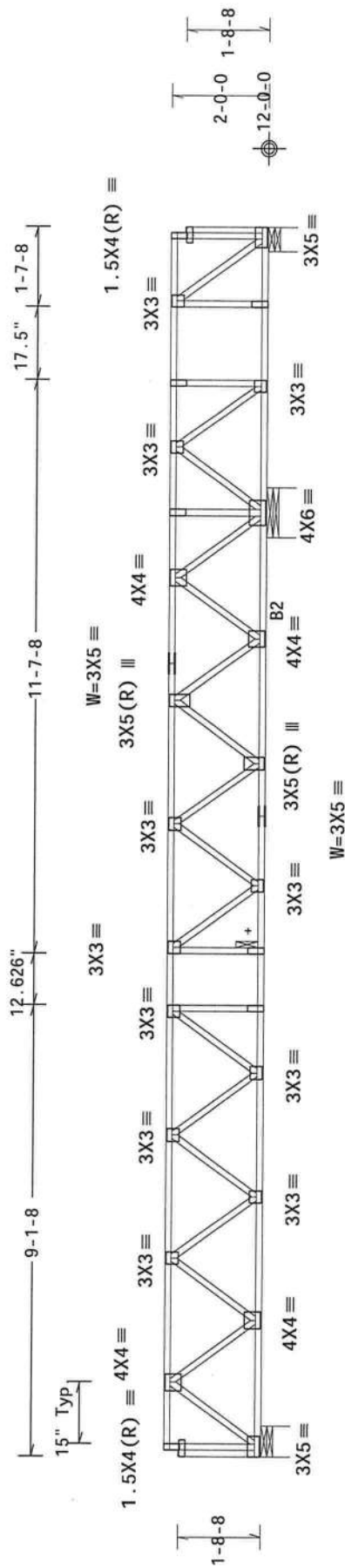
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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

+ 2x6 continuous strongback. See detail STRBR|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.

Truss must be installed as shown with top chord up.



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: FBC2010Res/TP1-2007(ST)

PLT TYP. Wave

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

TC LL	40.0	PSF	REF	R9114-	87049
TC DL	10.0	PSF	DATE	12/19/12	
BC DL	5.0	PSF	DRW	HCUSR9114	12354080
BC LL	0.0	PSF	HC-ENG	WHK/WHK	
TOT.LD.	55.0	PSF	SEQN-	285875	
DUR.FAC.	1.00		FROM	SDY	
SPACING	24.0"		JREF-	1US59114Z05	

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

IMPORTANT: FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

Trussone require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BC51 (Building Component Safety Information, by TPI and WTCFA) for detailed instructions prior to performing these functions. Installers shall provide temporary bracing per the instructions in the BC51 manual. Trussone shall have a properly attached rigid ceiling. Locations of the structural and bottom chord bracing shall be as shown in the BC51 manual. Trussone shall have bracing installed per BC51 sections B3, B7 or B10, as applicable.

ALPINE

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

12/19/2012

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.



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

TC LL	40.0	PSF	REF	R9114 - 87050
TC DL	10.0	PSF	DATE	12/19/12
BC DL	5.0	PSF	DRW	HCUSR9114 12354081
BC LL	0.0	PSF	HC-ENG	WHK/WHK
TOT.LD.	55.0	PSF	SEQN-	285876
DUR.FAC.	1.00		FROM	SDY
SPACING	24.0"		JREF-	1US59114Z05

STATE OF FLORIDA
PROFESSIONAL ENGINEER

12/19/2012

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the following Building Component Safety Information, by TPI and WICA for proper bracing and installation practices prior to performing these tasks. The trusses shown in this drawing are designed to be installed unless noted otherwise, top chord shall have properly attached structural sheathing and the bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of the trusses shall have bracing installed per BC01 section B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation or bracing of trusses. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer TPI Sec.2. For more information see: This Job's General notes page: ITW-BC01: www.itwbcg.com; TPI: www.tpinet.org; WICA: www.sdcindustry.com; BC01: www.itwbcg.com



ALPINE

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

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - F74 2-PLY)

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

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

Special loads

-----Lumber Dur.Fac.=1.00 / Plate Dur.Fac.=1.00)
TC- From 67 plf at 0.00 to 67 plf at 4.68
TC- From 67 plf at 4.68 to 67 plf at 19.67
BC- From 7 plf at 0.00 to 7 plf at 15.28
BC- From 7 plf at 15.28 to 7 plf at 19.67
TC- 3091.00 lb Conc. Load at 18.71

Truss must be installed as shown with top chord up.

2 COMPLETE TRUSSES REQUIRED

Nail Schedule: 0.128"x3", min. nails

Top Chord: 1 Row @ 6.25" o.c.

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

Webs : 1 Row @ 4" o.c.

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

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

Trusses to be spaced at 16.0" OC maximum.

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

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

1.5X4 III

4X6(R) III

3X5 III

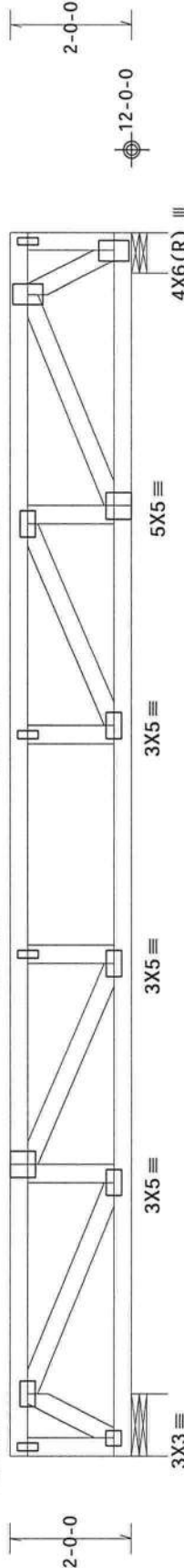
1.5X4 III

1.5X4 III

5X5 III

3X5 III

1.5X4 III



19-8-0 Over 2 Supports

R=872 W=12"

R=3661 W=8"

PLT TYP. Wave

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

No. 22839

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

TC LL	40.0 PSF	REF	R9114- 87051
TC DL	10.0 PSF	DATE	12/19/12
BC DL	5.0 PSF	DRW	HCUSR9114 12354082
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	55.0 PSF	SEQN-	285924
DUR.FAC.	1.00	FROM	SDY
SPACING	16.0"	JREF-	1US59114Z05

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET

FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for a complete listing of 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 structural sheathing. For protection of lateral restraint of web members, bracing shall be installed per BCSI section B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design. The user of this design shall be responsible for any deviation from this design. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec. 2. For more information see: This Job's drawings and specifications. ITW-460: www.itwbcg.com; TPI: www.tpiinc.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

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



120 mph wind, 18.17 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 18.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

End verticals not exposed to wind pressure.

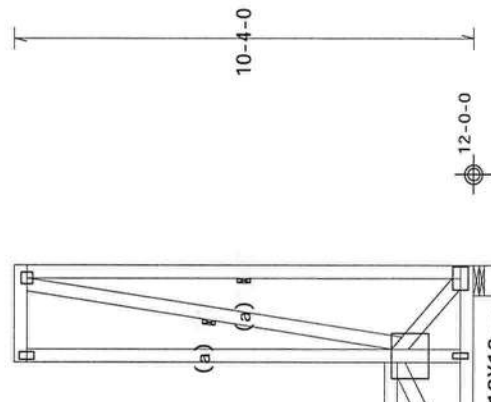
Calculated horizontal deflection is 0.20" due to live load and 0.19" due to dead load.

(a) Continuous lateral bracing equally spaced on member.

Trusses to be spaced at 16.0" OC maximum.

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.



1.5X4 III

4X6 =
2-1-14

17-6-2

9-8-0 Over 2 Supports

R=769 U=47 W=12"

RL=73/-85

No. 22839

Design Crit: FBC2010Res/TP1-2007(STB)

PLT TYP. Wave

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

Scale = .25"/Ft.

REF R9114- 87052

DATE 12/19/12

DRW HCUSR9114 12354083

HC-ENG SSB/WPF

SEON- 286018

07	LIBRARY	CDU
----	---------	-----

FROM	301
DEFF	411CFO11470F

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

Special loads

		Dur. Fac.=1.00 / Plate Dur. Fac.=1.25)
TC- From	67 pif at 0.00 to	67 pif at 17.51
TC- From	40 pif at 17.51 to	40 pif at 19.67
BC- From	7 pif at 0.00 to	7 pif at 17.51
BC- From	13 pif at 17.51 to	13 pif at 19.67
TC- 455.00 lb Conc. Load at 17.51		

OR

SPECIAL LOADS		DUR. FAC. = 1.00 / PLATE DUR. FAC. = 1.00	
TC	From	67 PLF at 0.00 to	67 PLF at 17.51
BC	From	13 PLF at 17.51 to	13 PLF at 19.67
BC	From	7 PLF at 0.00 to	7 PLF at 17.51
BC	From	13 PLF at 17.51 to	13 PLF at 19.67
		455 LB Conc. Load at 17.51	

Wind loads and reactions based on MWFRS.

Wall girder loading on this truss.

MMWFRS loads based on trusses located at least 18.17 ft. from roof edge.

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



****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 BCSP (Building Component Safety Information, by TPI and WTCa) and the manufacturer's instructions, installers shall provide temporary bracing per the manufacturer's instructions. If the manufacturer's instructions are not available, installers shall have a property attached structural sheathing and bottom chord shall have bracing installed per BCSP sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this drawing. The user of this drawing shall be responsible for any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation, or unloading 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-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. ITWBCG: www.itwbcg.com; TPI: www.tpiinc.com; WTCG: www.abc-industries.com

ITW Building Components Group Inc.

Haines City, FL 33844
FL COA #0278

FL COA #0 27

120 mph wind, 18.17 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 18.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, GCpl(+/-)=0.18

End verticals not exposed to wind pressure.

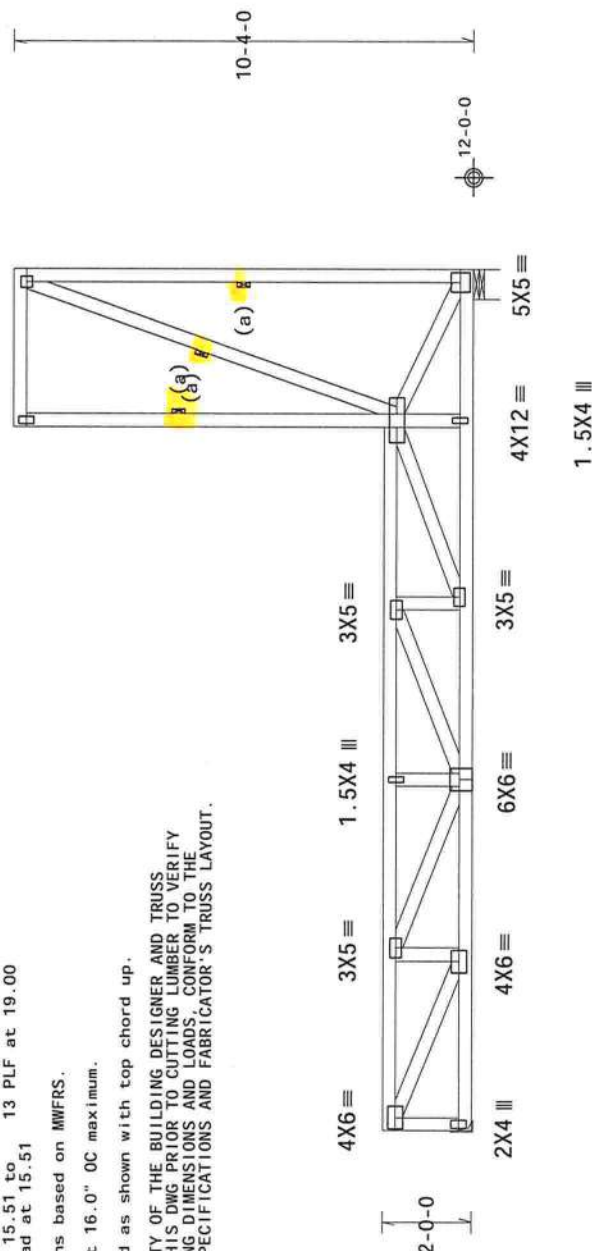
Calculated horizontal deflection is 0.22" due to live load and 0.21" due to dead load.

(a) Continuous lateral bracing equally spaced on member.

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

.. Wall girder loading on this truss. ..

WWFRS loads based on trusses located at least 18.17 ft. from roof edge.



15-6-2

19-0-0 Over 2 Supports

R=774 U=33

RL=73/-85

$$H=H^1$$
Design Crit: FBC2010Res/TP1-2007(STD
FT/RT=20%(0%)/10(0)

PLT TYP. Wave

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

Scale = .25"/Ft.

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

****IMPORTANT****

Trusses require extreme care in fabricating, bending, shipping, installing and bracing. Be sure to follow the latest edition of BCSP (Building Component Safety Information, by TPI and WCA) for all details. Truss installers shall provide temporary bracing per BCSP. If the truss manufacturer has a weakness 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 wall shall have bracing installed per BCSP sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design. The user assumes all responsibility for any resulting damage or injury. ITWBCG does not assume any liability for the use of the drawings, specifications, or details, unless noted otherwise. Apply plates to each face of truss and position as shown above and on the Joint. Seal on this drawing and cover page listing this drawing. Indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the user. For more information, contact ITWBCG at 1-800-368-7263, Sec. 2. This job's general notes page. ITWBCG: www.itwbcg.com TPI: www.tpi-inc.org. WTCG: www.wtcginc.com. CC: www.icsafe.org

ALPINE

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

12/19/2012

FROM SDY

JREF- 1US59114Z05

120 mph wind, 18.17 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 18.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi (+/-)=0.18

End verticals not exposed to wind pressure.

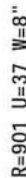
Calculated horizontal deflection is 0.19" d

(a) Continuous lateral bracing equally spaced on member.

Trusses to be spaced at 16.0" OC maximum.

(b)

(a)

FV10
FU308

6-1-11

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

NO. 42039

Scale = 25"/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, installation and erection. For this reason, the design of the truss is of paramount importance. Forman has the design and engineering experience to provide the most efficient and economical design for all contractors including installers.

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

[illegible]

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

FL COA #0 278

120 mph wind. 18.17 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 18.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCp1(+/-)=0.18

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

Special loads

	Dur. Fac.=1.00 / Plate Dur.=1.25
TC- From	67 pif at 0.00 to 67 pif at 11.91
TC- From	40 pif at 11.91 to 40 pif at 19.00
BC- From	7 pif at 0.00 to 7 pif at 11.91
BC- From	13 pif at 11.91 to 13 pif at 19.00
TC- 455.00 lb Conc. Load at 11.91	

SPECIAL LOADS OR

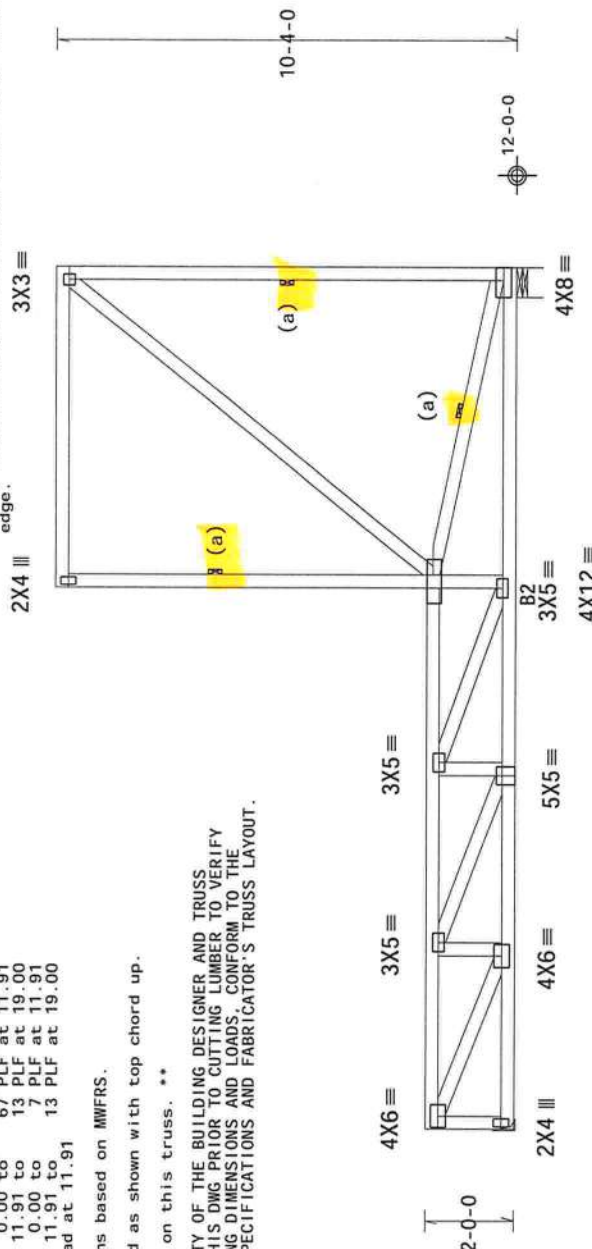
SPECIAL LOADS		ON	
----- (LUMBER DUR. FAC.=1.00 / PLATE DUR. FAC.=1.00)			
TC	From	67 PLF at 0.00 to	67 PLF at 11.91
ITC	From	13 PLF at 11.91 to	13 PLF at 19.00
BC	From	7 PLF at 0.00 to	7 PLF at 11.91
ITC	From	13 PLF at 11.91 to	13 PLF at 19.00
		455 LB Conc. Load at 11.91	

Wind loads and reactions based on MWFRS.

Truss must be installed as shown with top chord up.

** Wall girder loading on this truss. **

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



11-10-15 19-0-0 Over 2 Supports

R=840 U=36
RL=73/-85
H=H1

PLT TYP. Wave

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

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET!

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety) Information, by TPI and WIGA for complete information on proper temporary bracing procedures. Temporary bracing should 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.

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 erection of the Truss without following all details, unless noted otherwise. Refer to drawings, A604-T for standard plate positions. A label 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.twbtcg.com, TWBCG, www.twbcg.com, TPI : www.tpi.net.
CEC : www.HESAC@att.net



ITT Alpine
Haines City, FL 33844
FL COA #0 278

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

TC LL	20.0	PSF	REF	R9114- 87056
TC DL	10.0	PSF	DATE	12/19/12
BC DL	10.0	PSF	DRW	HCUSR9114 12354248
BC LL	0.0	PSF	HC-ENG	SSB/WPF
TOT.LD.	40.0	PSF	SEQN-	286057
DUR.FAC.	1.25		FROM	SDY
SPACING	16.0"		JREF-	1US59114Z05

120 mph wind, 18.17 ft mean hgt., ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi (+/-)=0.18

End verticals not exposed to wind pressure.

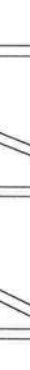
Calculated horizontal deflection is 0.15" due to live load and 0.18" due to dead load.

(a) Continuous lateral bracing equally spaced on member.

Trusses to be spaced at 16.0" OC maximum.
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead loads 1.50.

** Wall girder loading on this truss. **

MWFRS loads based on trusses located at least 18.17 ft. from roof edge.

 $I(a)$ 

H=H1
10-6-15
19-2-0
R=821 U=34 W=3.5"

WATER P. FIAT

Stamp: WATER P. FIAT

Design Crit: FBC2010Res/TPI-2007(STP)

16.03.2012



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

****IMPORTANT****

A circular professional seal for the State of Florida. The outer ring contains the text "STATE OF FLORIDA" at the top and "PROFESSIONAL ENGINEER" at the bottom. In the center, there is a smaller circle containing the word "ENGINEER". A signature is written across the seal.

12/19/2012

12/19/2012

12/19/2012

This job's structure is

Top chord 2x4 SP #2 12A
Bot chord 2x4 SP #2 12A : B2 2x4 SP #1_Dense_12A:
Webs 2x4 SP #2 12A

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

Special loads

	(Lumber	Dur. Fac.=1.00 /	Plate	Dur. Fac.=1.25)
TC- From	67	plf at 0.00 to	67	plf at 9.24
TC- From	40	plf at 9.24 to	40	plf at 19.17
BC- From	7	plf at 0.00 to	7	plf at 9.24
BC- From	13	plf at 9.24 to	13	plf at 19.17
TC- 455.00	lb Conc.	Load at	9.24	

SPECIAL LOADS

	(LUMBER DUR. FAC. = 1.00 / PLATE DUR. FAC. = 1.00)
TTC - From	67 PLF at 0.00 to 67 PLF at 9.24
ITC - From	13 PLF at 0.00 to 13 PLF at 9.24
BBC - From	7 PLF at 0.00 to 7 PLF at 9.24
IBC - From	13 PLF at 0.00 to 13 PLF at 9.24
CC -	455 LB Conc. Load at 9.24

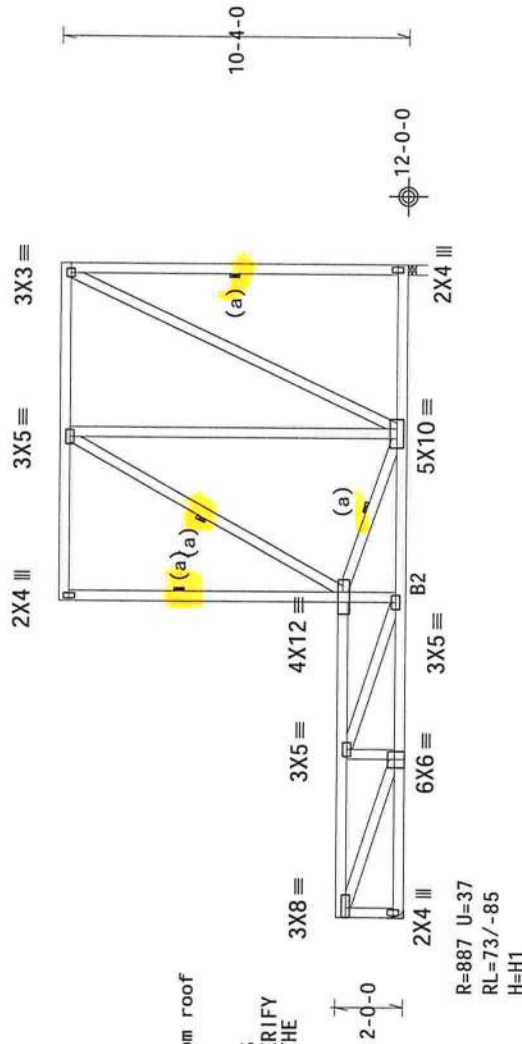
Wind loads and reactions based on MWFRS.

Truss must be installed as shown with top chord up.

*** Wall girder loading on this truss. ***

MMFRS loads based on trusses located at least 18.17 ft. from roof edge.

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



R=775 U=32 W=3.5"

9-2-15 9-11-15

PLT TYP. Wave

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

Scale = .1875"/Ft.

TC LL	20.0	PSF	REF	R9114- 87058
TC DL	10.0	PSF	DATE	12/19/12
BC DL	10.0	PSF	DRW	HCUSR9114 12354274
BC LL	0.0	PSF	HC-ENG	SSB/WIPF
TOT.LD.	40.0	PSF	SEQN-	286038
DUR.FAC.	1.25		FROM	SDY
SPACING	16.0"		JREF-	1US59114Z05

12/19/2012

12/19/2012

sevents, unless noted otherwise. Refer to drawings T60K-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: TW-BCC; TPI: www.tpinet.org; WTCA: www.abctindustry.com; ICC: www.iccsafe.org

ALPINE

TTW Building Components Group Inc.

City, FL 33844
FL COA #0278

See detail STRBRI1BRO211 for bracing and bridging recommendations.

End verticals not exposed to wind pressure.

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

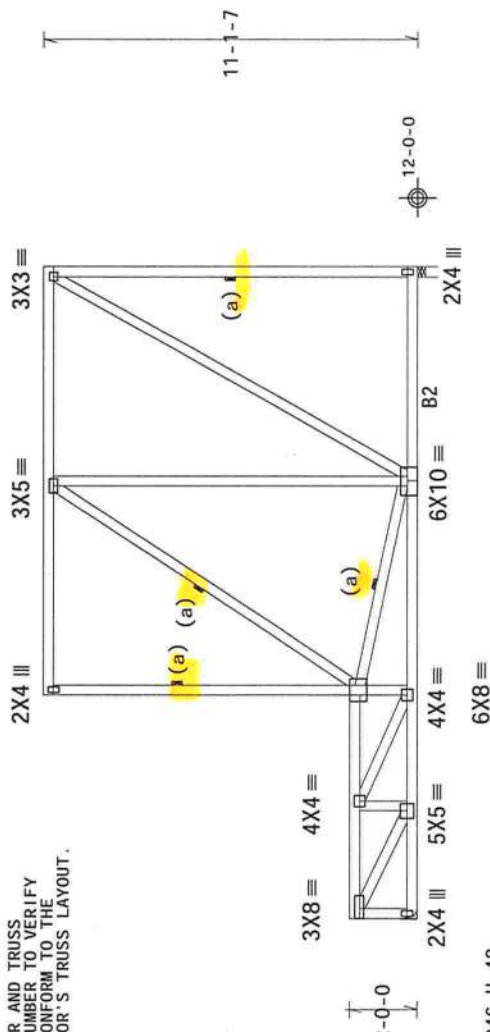
(a) Continuous lateral bracing equally spaced on member.

Trusses to be spaced at 16.0" OC maximum.

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

** Wall girder loading on this truss. **

WWFRS loads based on trusses located at least 18.56 ft. from roof edge.



R=1046 U=48
RL=80/-95
H=H1

R=756 U=34 W=3.5"

Sports

PLT TYP: Wave

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

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

TC LL	20.0 PSF	REF R9114- 87060
TC DL	10.0 PSF	DATE 12/19/12
BC DL	10.0 PSF	DRW HCUSR9114 12354218
BC LL	0.0 PSF	HC-ENG SSB/WPF
TOT.LD.	40.0 PSF	SEQN- 285988
DUR.FAC.	1.25	FROM SDY
SPACING	16.0"	JREF- 1US59114Z05

ALPINE

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

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - F86)

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

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

Special loads

-----Lumber
TC- From 67 plf at 0.00 to 67 plf at 2.58
TC- From 40 plf at 2.58 to 40 plf at 19.17
BC- From 7 plf at 0.00 to 7 plf at 2.58
BC- From 13 plf at 2.58 to 13 plf at 19.17
TC- 648.00 lb Conc. Load at 2.58

SPECIAL LOADS

-----LUMBER DUR.FAC.=1.00 / PLATE DUR.FAC.=1.00
TC - From 67 PLF at 0.00 to 67 PLF at 2.58
TC - From 13 PLF at 2.58 to 13 PLF at 19.17
BC - From 7 PLF at 0.00 to 7 PLF at 2.58
BC - From 13 PLF at 2.58 to 13 PLF at 19.17
TC - 648 LB Conc. Load at 2.58

Wind loads and reactions based on MWFRS.

Truss must be installed as shown with top chord up.

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

See detail STRBRIBR0211 for bracing and bridging recommendations.
120 mph wind, 16.56 ft mean hgt, ASCE 7-10, CLOSED bldg. Located
anywhere in roof, RISK CAT II, EXP B, wind TC DL=5.0 psf, wind BC
DL=5.0 psf. $G\text{Cpi}(\pm)=0.18$

End verticals not exposed to wind pressure.

(a) Continuous lateral bracing equally spaced on member.

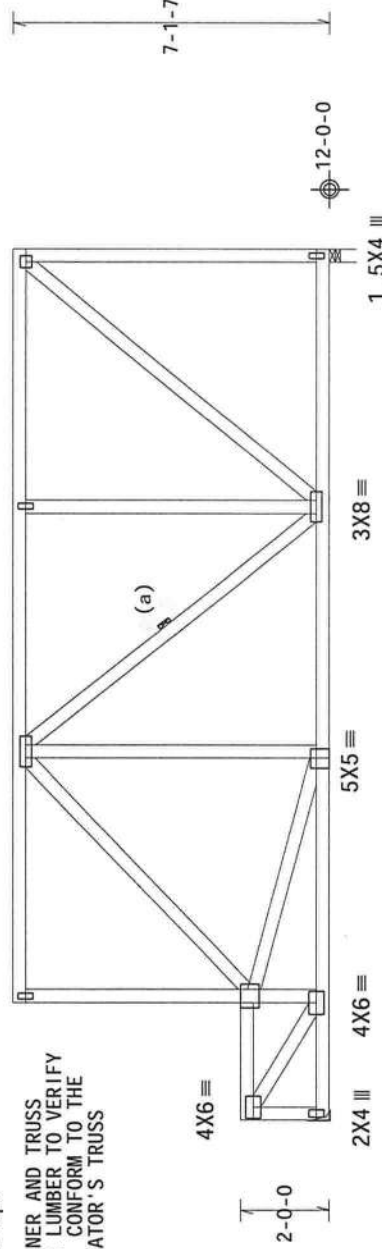
Trusses to be spaced at 16.0" OC maximum.

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

** Wall girder loading on this truss. **

MWFRS loads based on trusses located at least 16.56 ft. from roof
edge.

1.5X4 III 3X8 III 1.5X4 III 3X3 III



R=1120 U=30
RL=43/-49
H=H1
R=602 U=19 W=3.5

PLT TYP. Wave

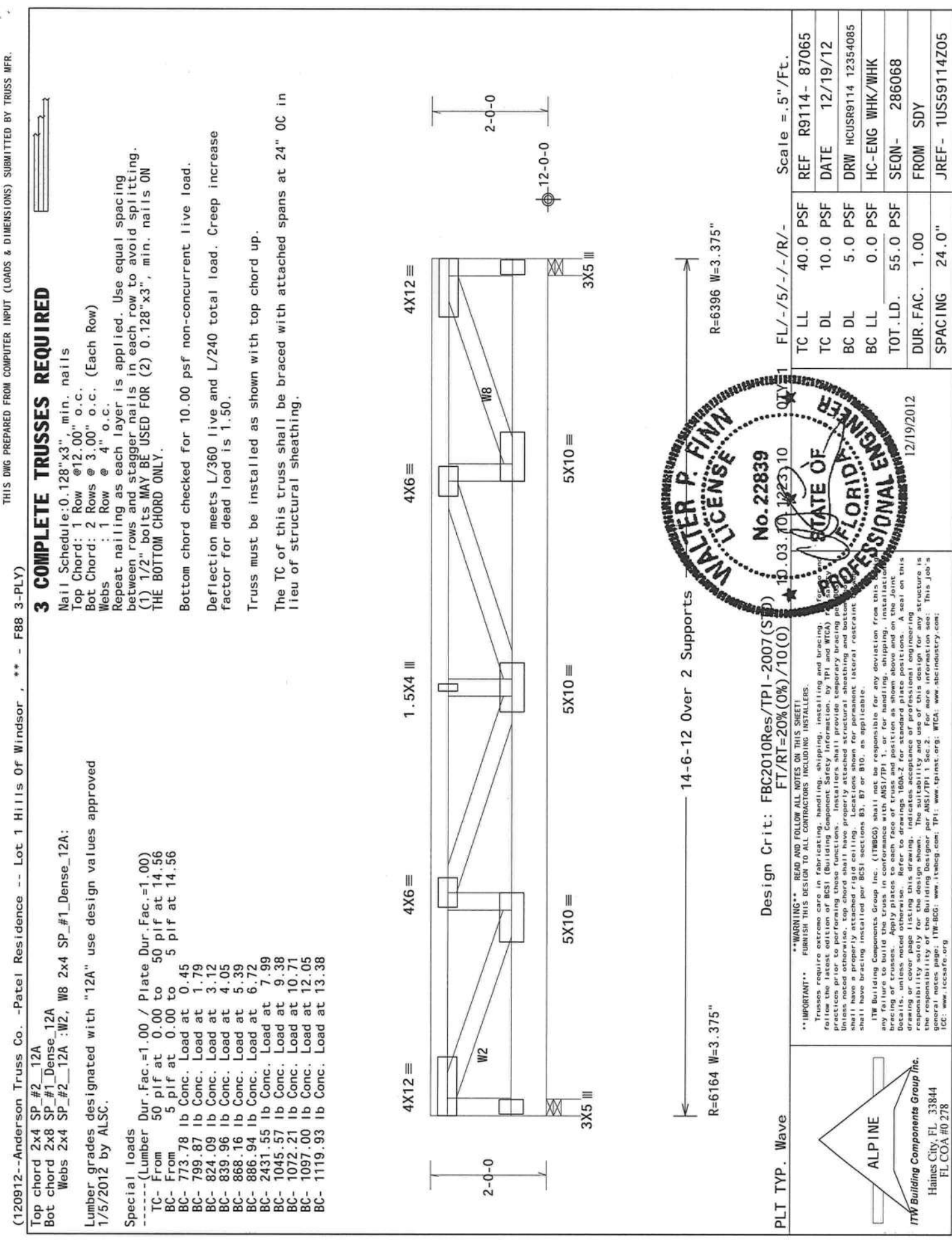
Design Crit: FBC2010Res/TPI-2007(STB)
FT/RT=20%(0%)/10(0)

Scale = .25" / Ft.

TC LL	20.0 PSF	REF	R9114- 87063
TC DL	10.0 PSF	DATE	12/19/12
BC DL	10.0 PSF	DRW	HCUSR9114 12354256
BC LL	0.0 PSF	HC-ENG	SSB/WPF
TOT.LD.	40.0 PSF	SEQN-	285978
DUR.FAC.	1.25	FROM	SDY
SPACING	16.0"	JREF-	1US59114Z05

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCS (Building Component Safety) information, by TPI and WCA for details. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have bracing installed per BCS sections B3, B7 or B10, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 1604-2 for standard plate positions. A seal on this drawing indicates acceptance of professional engineering. The responsibility 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

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



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

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - F88 3-PLY)

Top chord 2x4 SP #2_12A
Bot chord 2x8 SP #1_Dense_12A
Webs 2x4 SP #2_12A : W2, W8 2x4 SP #1_Dense_12A:

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

- Special loads
- TC- From 50 pif at 0.00 to 50 pif at 14.56
 - BC- From 5 pif at 0.00 to 5 pif at 14.56
 - BC- 773.78 lb Conc. Load at 0.45
 - BC- 799.87 lb Conc. Load at 1.79
 - BC- 824.09 lb Conc. Load at 3.12
 - BC- 839.96 lb Conc. Load at 4.05
 - BC- 868.16 lb Conc. Load at 5.39
 - BC- 886.94 lb Conc. Load at 6.72
 - BC- 2431.55 lb Conc. Load at 7.99
 - BC- 1045.57 lb Conc. Load at 9.38
 - BC- 1072.21 lb Conc. Load at 10.71
 - BC- 1097.00 lb Conc. Load at 12.05
 - BC- 1119.93 lb Conc. Load at 13.38

3 COMPLETE TRUSSES REQUIRED

Nail Schedule: 0.128"x3", min. nails
Top Chord: 1 Row @ 12.00" o.c.
Bot Chord: 2 Rows @ 3.00" o.c. (Each Row)
Webs : 1 Row @ 4" o.c.
Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting.
(1) 1/2" bolts MAY BE USED FOR (2) 0.128"x3", min. nails ON THE BOTTOM CHORD ONLY.
Bottom chord checked for 10.00 psf non-concurrent live load.
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.
Truss must be installed as shown with top chord up.
The TC of this truss shall be braced with attached spans at 24" OC in lieu of structural sheathing.



14-6-12 Over 2 Supports
R=6164 W=3.375"
R=6396 W=3.375"

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

PLT TYP. Wave

TC LL	40.0 PSF	FL/-/5/-/R/-	Scale = .5"/Ft.
TC DL	10.0 PSF		REF R9114- 87065
BC DL	5.0 PSF		DATE 12/19/12
BC LL	0.0 PSF		DRW HCUSR9114 12354085
TOT.LD.	55.0 PSF		HC-ENG WHK/WHK
DUR.FAC.	1.00		SEQN- 286068
SPACING	24.0"		FROM SDY
			JREF- 1US59114Z05

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

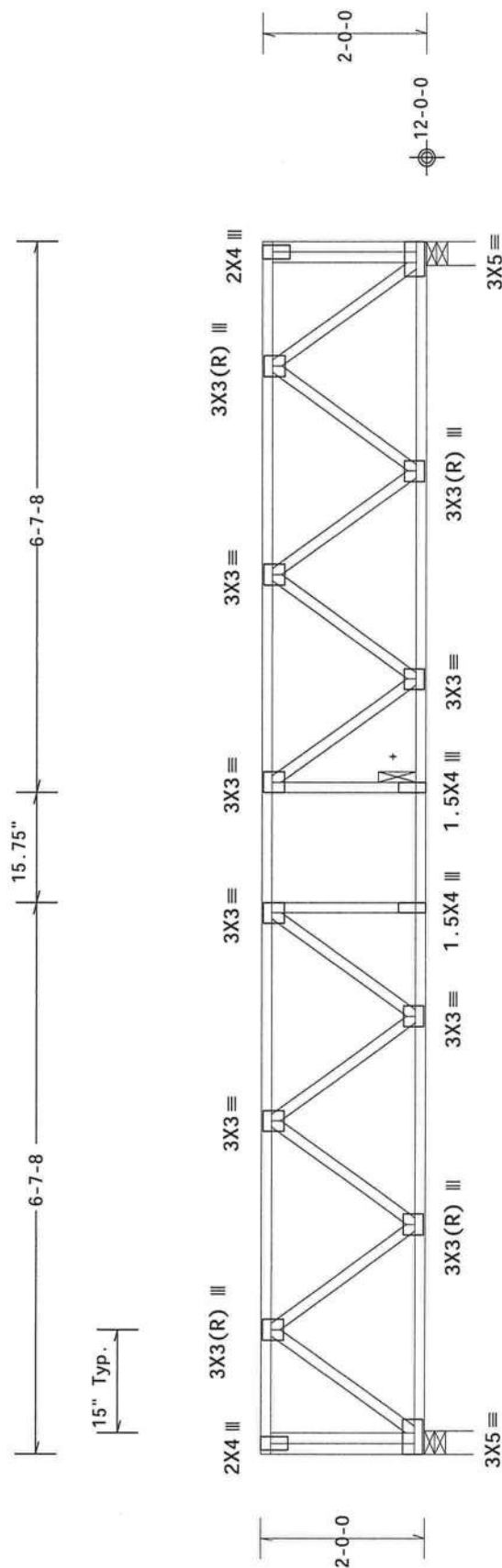
****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET.
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and WICA) practices 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 plates to each face of truss and position as shown above and on the Joint Bracing of Trusses. Apply plates to each face of truss and position as shown above and on the Joint Bracing of Trusses. Apply plates to each face of truss and position as shown above and on the Joint Bracing of Trusses. Apply plates to each face of truss and position as shown above and on the Joint Bracing of Trusses.
****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 WICA) 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 plates to each face of truss and position as shown above and on the Joint Bracing of Trusses. Apply plates to each face of truss and position as shown above and on the Joint Bracing of Trusses. Apply plates to each face of truss and position as shown above and on the Joint Bracing of Trusses. Apply plates to each face of truss and position as shown above and on the Joint Bracing of Trusses.
drawing or cover page listing this design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This job's general notes page: ITW-BG: www.itwbcg.com; TPI: www.tpi.net.org; WICA: www.alcindustry.com; ICC: www.iccinfo.org

Webbs 4x2 SP #2 12A

Webs 4x2 SP_#2_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.



14-6-12 Over 2 Supports

R=801 W=3.375"

R-801 W-3 375"

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-	87066
TC DL	10.0	PSF	DATE	12/19/12	
BC DL	5.0	PSF	DRW	HCUSR9114	12354086
BC LL	0.0	PSF	HC-ENG	WHK/WHK	
TOT.LD.	55.0	PSF	SEQN-	285877	
DUR.FAC.	1.00		FROM	SDY	
SPACING	24.0"		JREF-	1US59114Z05	

STATE OF FLORIDA
PROFESSIONAL ENGINEER

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

****IMPORTANT****

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Please follow the latest edition of BCSI (Building Component Suppliers Institute) TPI and WTCA manuals and practices prior to performing these functions. Installers shall provide temporary bracing per manufacturer's instructions 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 are indicated by brackets; all other locations 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 which may result in failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation or recycling of trusses. Apply plates to each face of truss and position as shown above and on the Joint Details Drawing. 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 specifications and drawings. ITWBGC web site: www.itwbc.com; TPI: ansi.org/tpi; WTCA: www.sdcindustries.com.

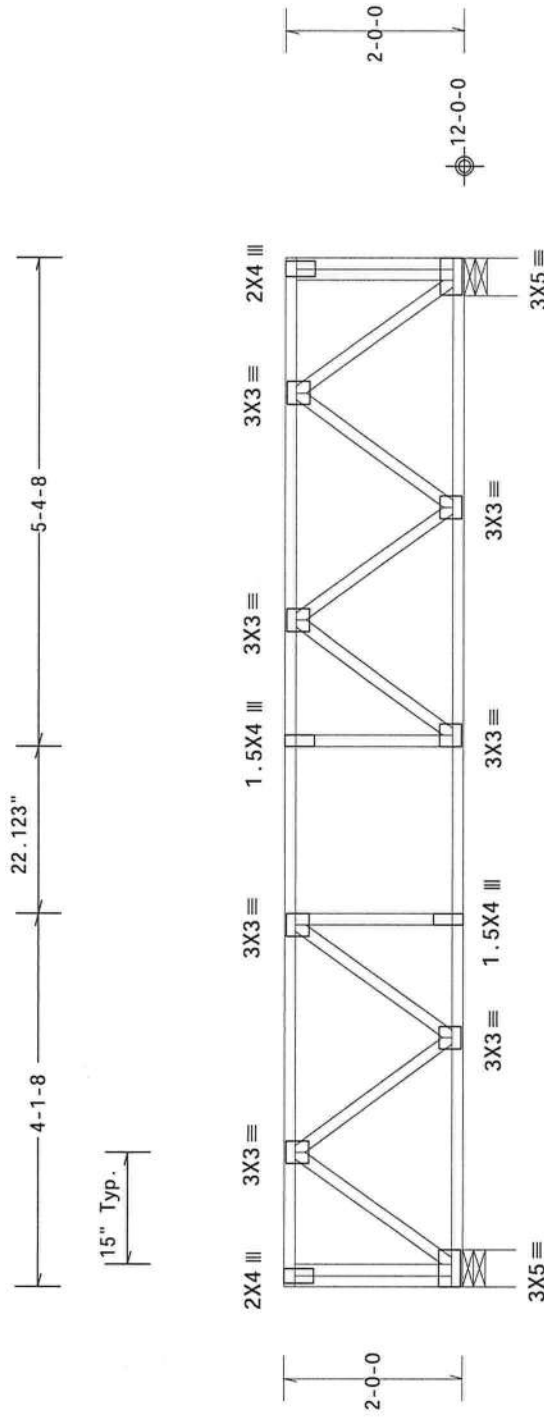


TW Building Components Group Inc.
Haines City, FL 33844
FL COA #0278

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.



11-4-2 Over 2 Supports

R=624 W=5.032"

PLT TYP. Wave

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

Scale = .5"/Ft.

TC LL	40.0	PSF	REF	R9114-	87067
TC DL	10.0	PSF	DATE	12/19/12	
BC DL	5.0	PSF	DRW	HCUSR9114	12354087
BC LL	0.0	PSF	HC-ENG	WHK/WHK	
TOT.LD.	55.0	PSF	SEQN-	285878	
DUR.FAC.	1.00		FROM	SDY	
SPACING	24.0"		JREF-	1US59114Z05	

STATE OF FLORIDA
PROFESSIONAL ENGINEER
12199
DAVID A. SMITH

12/19/2012

Details, unless noted otherwise. Refer to drawings T60A-Z for standard plate positions. A seal on the drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This Job's general notes page; ITW-IBC: www.itw-ibc.com; TPI: www.tpinet.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

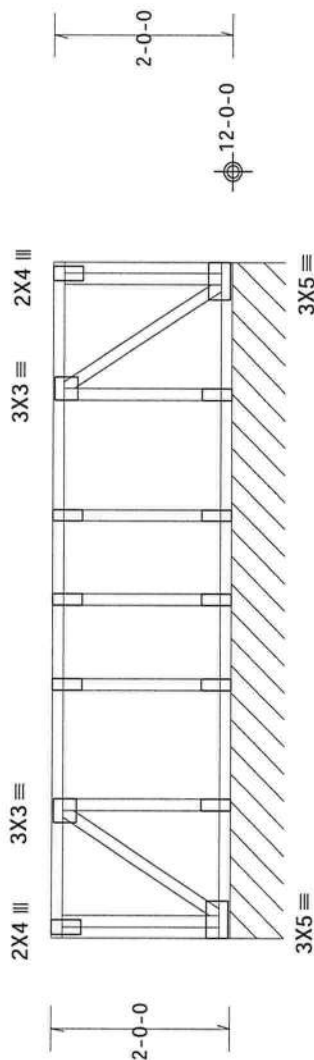
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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.

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 1.5X4 Except As Shown.

Design Crit: FBC2010Res/TPI-2007(SID)

PLT TYP: Wave

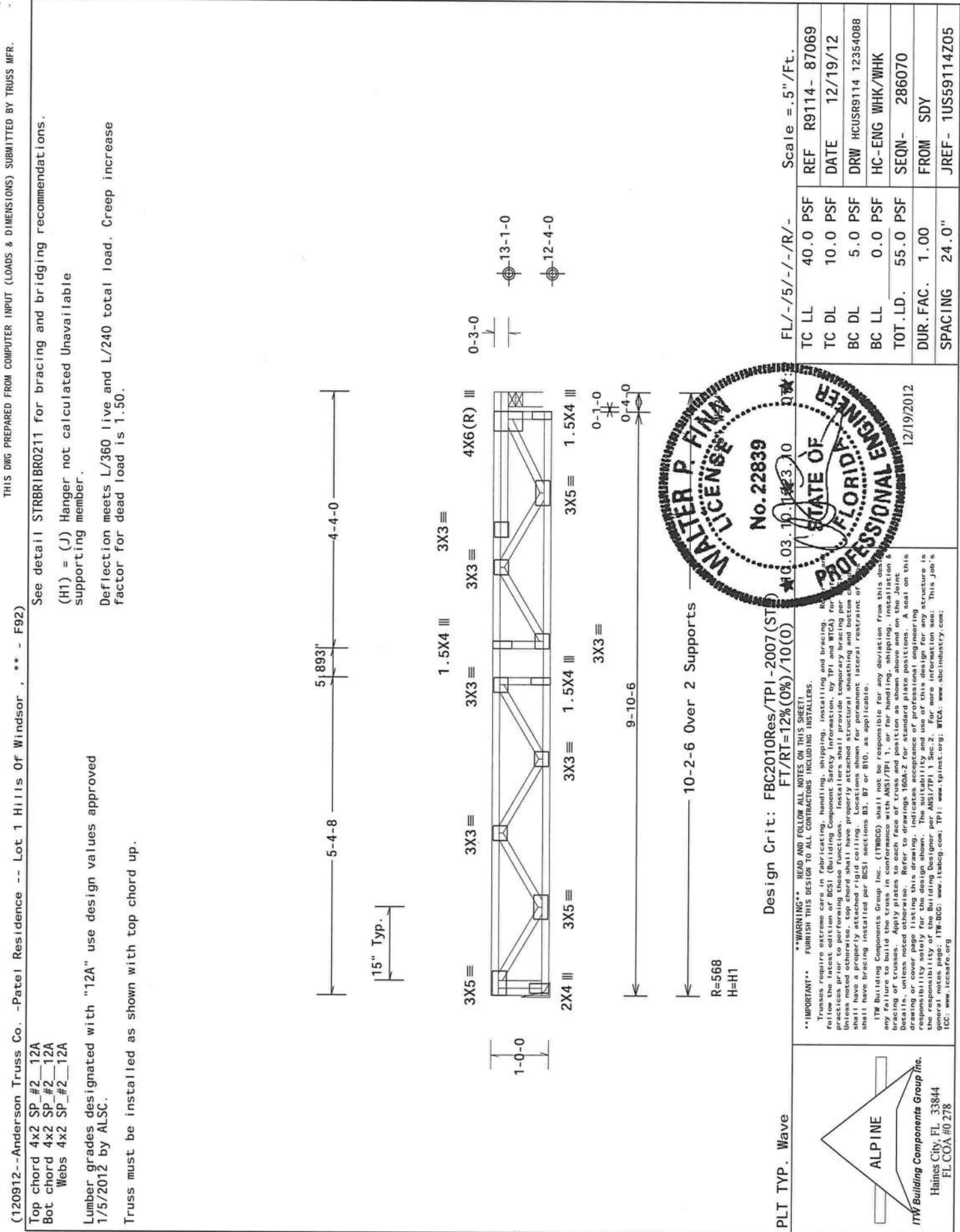
FL/-/5/-/-/R/-/-
Scale = .5"/Ft.

REF	R9114- 87068
DATE	12/19/12
DRW	HCUSR9114 12354011
HC-ENG	WHK/WHK *
SEQN-	285879
FROM	SDY
JREF-	1US9114Z05



12/19/2012

ITTW Building Components Group Inc.
Haines City, FL 33844
Tel. 800.400.0728



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

Top chord 4x2 SP_#2_12A
Bot chord 4x2 SP_#2_12A
Webs 4x2 SP_#2_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.

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

+ 2x6 continuous strongback. See detail STRBR1BR0211 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.

16.644"

5-4-8

5-4-8

5-4-8

15" Typ.

1-0-0

1-0-0

1-0-0

1-0-0

12-4-0

2X4 III

3X6 III

3X5 III

1.5X4 III

3X5 III

1.5X4 III

3X5 III

3X5 III

3X5 III

3X5 III

3X6 III

2X4 III

12-1-10 Over 2 Supports

R=910
H=H1

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)

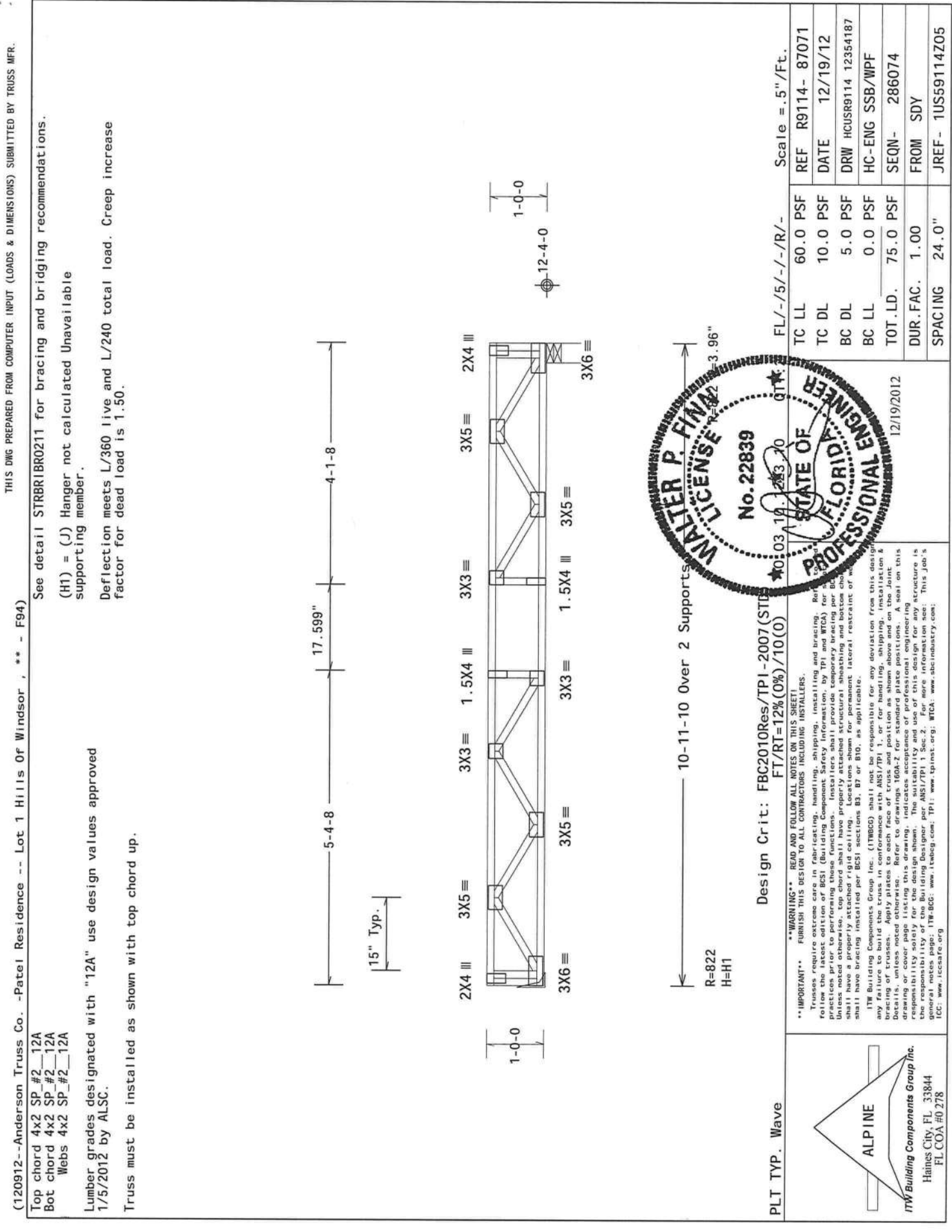
19.03.10 1223.10

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

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET.
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. 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 Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design for any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation of any trusses. Apply plates to each face of truss and position as shown above and on the Joint Basing and bracing. The design is the responsibility of the professional engineer shown 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

Scale = .5"/Ft.

FL/-/5/-/-/R/-	REF	R9114- 87070
TC LL	60.0 PSF	DATE
TC DL	10.0 PSF	12/19/12
BC DL	5.0 PSF	DRW HCUSR9114 12354186
BC LL	0.0 PSF	HC-ENG SSB/WPF
TOT .LD.	75.0 PSF	SEQN- 286072
DUR.FAC.	1.00	FROM SDY
SPACING	24.0"	JREF- 1US59114Z05



Top	chord	4x2	SP_#2	12A
Bot	chord	4x2	SP_#2	12A
	Webs	4x2	SP_#2	12A

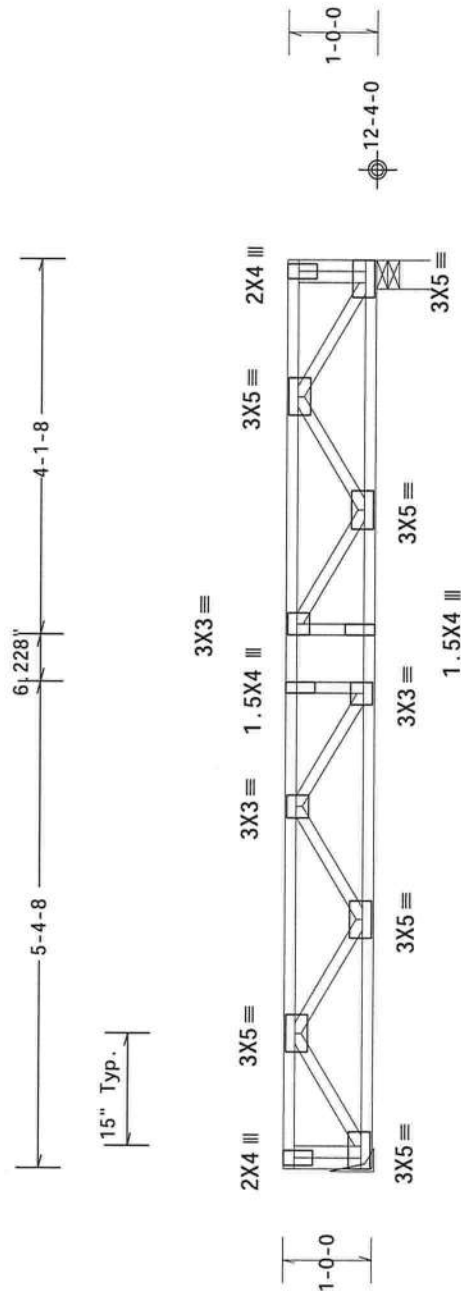
See detail STRBRIBR0211 for bracing and bridging recommendations.

(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.



10-0-4 Over 2 Supports

R=751
H=H1

Design Crit: FBC2010Res/TPI-2007(Std)
FT/RT=12%(0%)/10(0) + 10.03.10 1223.10

PLT TYP: Wave

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

TC LL	60.0	PSF	REF R9114- 87072
TC DL	10.0	PSF	DATE 12/19/12
BC DL	5.0	PSF	DRW HCURSR9114 12354188
BC LL	0.0	PSF	HC-ENG SSB/WPF
TOT.LD.	75.0	PSF	SEQN- 286076
DUR.FAC.	1.00		FROM SDY
SPACING	24.0"		JREF- 1US59114Z05

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

..IMPORTANT..

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. The American Institute of Steel Construction, Inc. (AISC) Building Component Safety Information, by TPI and WIGA) recommends that all trusses be braced during erection and provide temporary bracing per the AISC Manual, Part 5, Chapter 5.1. Trusses shall have a properly attached bracing and bottom chord bracing system installed per the AISC Manual, Part 5, Chapter 5.1. Trusses shall have bracing installed per AISC sections B3, B7 or B10, as applicable.

LTV Building Components Group Inc. (LTVBC) shall be responsible for any deviation from this drawing due to manufacturing or construction failure to build the truss in conformance with ANSI/TPI 1 standard. LTVBC shall be responsible for providing all necessary framing details, unless noted otherwise. Apply plate to each face of truss and position as shown above and on the Joint Detail Drawing. Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on this drawing or cover page listing this design. The suitability and use of this design for any structure is the responsibility solely for the design shop. 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 Specification. LTVBC: www.ltvbc.com, TPI: www.tpiinc.org, WCA: www.wca-inc.com; IBC: www.icbbao.org

ALPINE

Haines City, FL 33844
 FL COA #0 278

FL COA #0 278

12/19/2012

JREF- 1US59114Z05

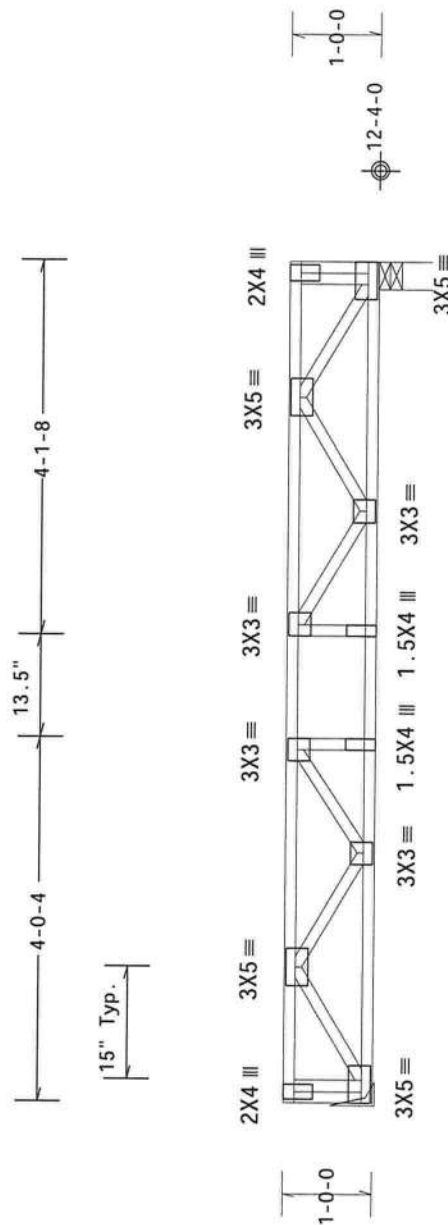
Top chord	4x2	SP_#2	12A
Bot chord	4x2	SP_#2	12A
Webbs	4x2	SP_#2	12A

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.



9-3-4 Over 2 Supports

R=695
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, ARCHITECTS, ENGINEERS, AND ALL OTHERS CONCERNED.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. The latest edition of BCSI (Building Component Safety Information, by TPI and WTCFA) provides the following information. Installers shall provide temporary bracing per the manufacturer's instructions. Top chord shall have temporary bracing and bottom chord shall have a property attached rigid ceiling. Locations shown for permanent lateral bracing shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) should be responsible for any deviation from this document. Any failure to build the truss in conformance with ANSI/TPI 1, for example, is the responsibility of the fabricator. 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 sources page. ITWBCG's web: www.tpi.net; TPI: www.tpinet.org; WCA: www.abcindustry.com.



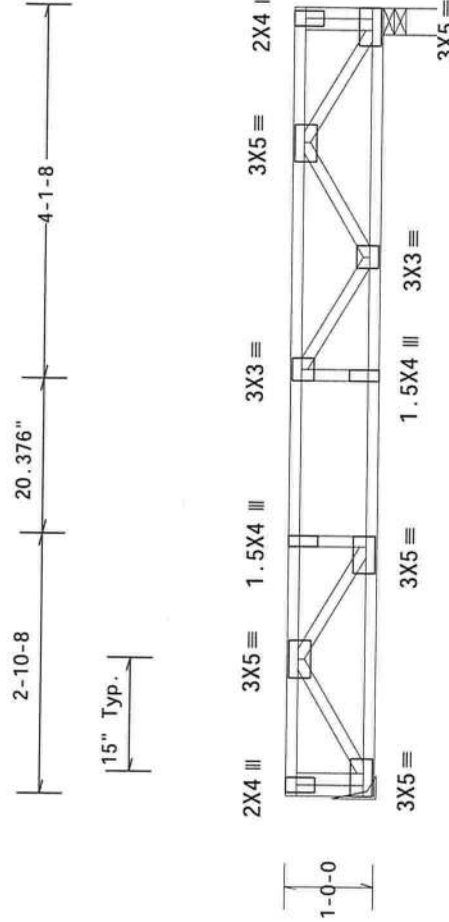
12/19/2012

FL/-/5/-/-/R/-		Scale = .5"/Ft.
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TC DL	10.0 PSF	DATE 12/19/12
BC DL	5.0 PSF	DRW HCUSR9114 12354184
BC LL	0.0 PSF	HC-ENG SSB/WPF
TOT.LD.	75.0 PSF	SEQN- 286078
DUR.FAC.	1.00	FROM SDY
SPACING	24.0"	JREF- 1U5S9114Z05

(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=652
H=H1

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.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSP (Building Code Safety Program) for complete information, by TPI and WTC/A for details on the proper use of the various products. For more information on the various products, please contact your local distributor. Unless noted otherwise, top chord shall have properly attached temporary bracing per the manufacturer's instructions. Bottom chord shall have a properly attached temporary bracing and bottom chord shall have bracing installed per BCSP sections 83, 87 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design. ITWBCG shall not be responsible for any damage to the building, the shipping, the installation or the use of the product. ITWBCG shall not be responsible for any damage to the building, the shipping, the installation or the use of the product. A seal on this drawing or cover page listing this drawing. Indicates acceptance of professional engineering responsibility for the design shown. The suitability and use of this design for any structure is the responsibility of the building designer using product ITW 1 Sec. 2. For more information see: www.itw.com ITW BCG, 10000 Westinghouse Ave., MSP, MN 55426-1000. www.itw.com; www.1ccsafo.org; www.1ccsafo.org



FL/-/5/-/-/R/-		Scale = 5"/Ft.
TC LL	60.0 PSF	REF R9114- 87074
TC DL	10.0 PSF	DATE 12/19/12
BC DL	5.0 PSF	DRW HCUSR9114 12354176
BC LL	0.0 PSF	HC-ENG SSB/WPF
TOT.LD.	75.0 PSF	SEQN- 286080
DUR.FAC.	1.00	FROM SDY
SPACING	24.0"	JREF- 1US59114Z05

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - F98)

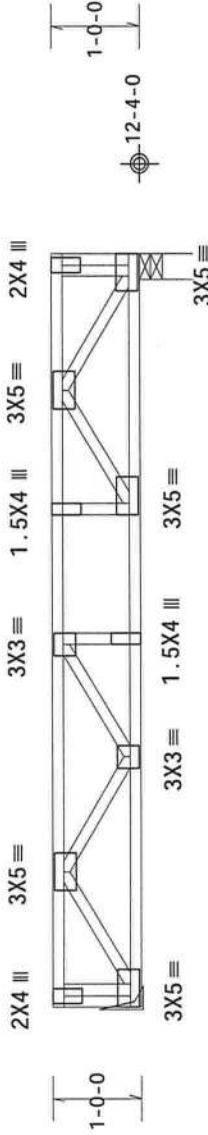
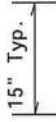
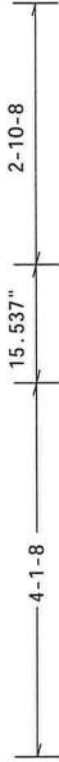
Top chord 4x2 SP #2_12A
Bot chord 4x2 SP #2_12A
Webs 4x2 SP #2_12A

(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.

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

Truss must be installed as shown with top chord up.



8-3-9 Over 2 Supports

R=622
H=H1

PLT TYP. Wave

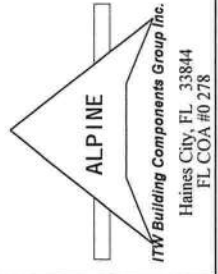
Design Crit: FBC2010Res/TPI-2007(STB)
FT/RT=12%(0%)/10(0)

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

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TC DL	10.0 PSF	DATE	12/19/12
BC DL	5.0 PSF	DRW	HCU9114 12354177
BC LL	0.0 PSF	HC-ENG	SSB/WPF
TOT.LD.	75.0 PSF	SEQN-	286082
DUR.FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05



****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET.
****IMPORTANT**** FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. The installer must follow the instructions of the Building Components Group Inc. (BCGI) for the installation of the truss. The installer must provide temporary bracing and bracing prior to performing these functions. Installers shall provide temporary bracing and bracing prior to performing these functions. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of the truss shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design for any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation or bracing of trusses. Apply plates to each face of truss and position as shown above and on the joint details unless noted otherwise. Listing this design indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This job's general notes page; ITW-BCG; www.itwbcg.com; TPI; www.tpinet.org; WTCA; www.sbcindustry.com; ICC; www.iccsafe.org

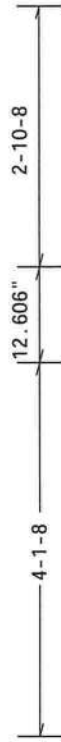


(H1) = (J) Hanger not calculated Unavailable supporting member.

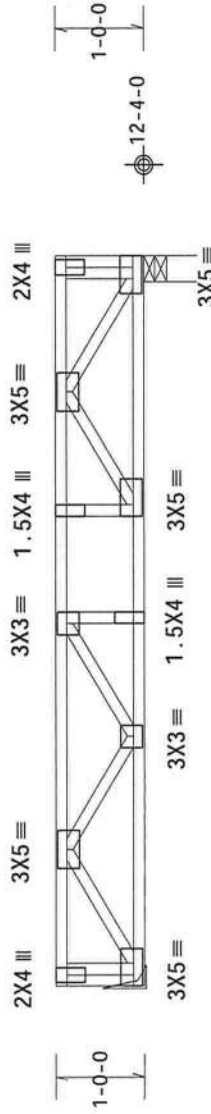
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

Truss must be installed as shown with top chord up.

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



15" Typ.



8-0-10 Over 2 Supports

R=604
H=H1

PLT TYP.: Wave.

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

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

TC LL	60.0	PSF	REF	R9114- 87076
TC DL	10.0	PSF	DATE	12/19/12
BC DL	5.0	PSF	DRW	HCUSR9114 12354175
BC LL	0.0	PSF	HC-ENG	SSB/WPF
TOT.LD.	75.0	PSF	SEQN-	286084
DUR.FAC.	1.00		FROM	SDY
SPACING	24.0"		JREF-	1US59114Z05

 WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET!
 PHYSICAL TELL PERSON TO ALL, CANNOT CODE, EACH IN C, INITIALS

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSP (Building Component Safety Information) by TPI and WTCA for practices prior to performing these functions. Installers shall provide temporary bracing per the manufacturer's instructions. Trusses shall have pre-engineered bracing connections. Trusses shall be braced in accordance with the manufacturer's recommendations, lateral or torsional 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 document 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 T60A-Z for standard plate positions. A seal on this drawing or cover page listing this drawing indicates acceptance of professional engineering responsibility solely by the building designer. The building designer must indicate on all drawings the truss manufacturer's name and address, the building design code used, and the applicable ANSI/TPI 1 Section 2. For more information visit This Job's general notes page: www.itwbcg.com; www.tpi.net; ITWC: www.sbcindustry.com; www.icsafe.org

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844
FL COA #0 278

Top	chord	4x2	SP_#2	12A
Bot	chord	4x2	SP_#2	12A
	webs	4x2	SP_#2	12A

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

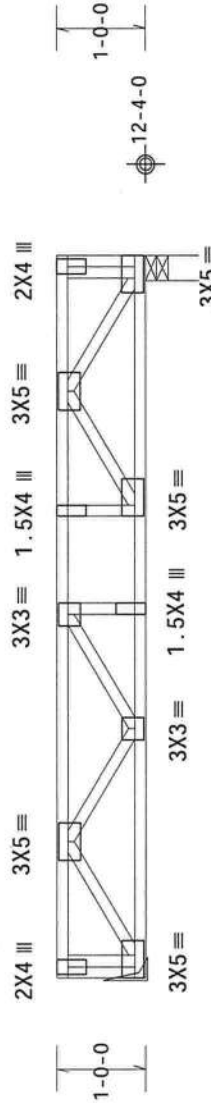
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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.



7-11-8 Over 2 Supports

R=597
H=H1

PLT TYP. Wave

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

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

TC LL	60.0	PSF	REF	R9114-	87077
TC DL	10.0	PSF	DATE	12/19/12	
BC DL	5.0	PSF	DRW	HCUSR9114	12354185
BC LL	0.0	PSF	HC-ENG	SSB/WPF	
TOT.LD.	75.0	PSF	SEQN-	286086	
DUR.FAC.	1.00		FROM	SDY	
SPACING	24.0"		JREF-	1US59114Z05	

*****IMPORTANT*****

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET!
EUMISEU 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 BCSP (Building Component Safety Information) by TPI and WITCA for proper practices prior to performing these functions. Installers shall provide temporary bracing for all trusses until they are permanently braced. Trusses shall be braced 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 BCSP sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) sealant is 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-2 for standard plate positions. A seal on this joint is not required. The sealant is not responsible for any deviation from this design. The sealant is not responsible solely for the design. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec. 2. For more information see: This job's general notes page; ITW-BCG: www.itw-bcg.com; ITW-SPIN: www.spin.org; ITW-ICC: www.iccdirect.com.



12/19/2012

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

2 COMPLETE TRUSSES REQUIRED

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

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

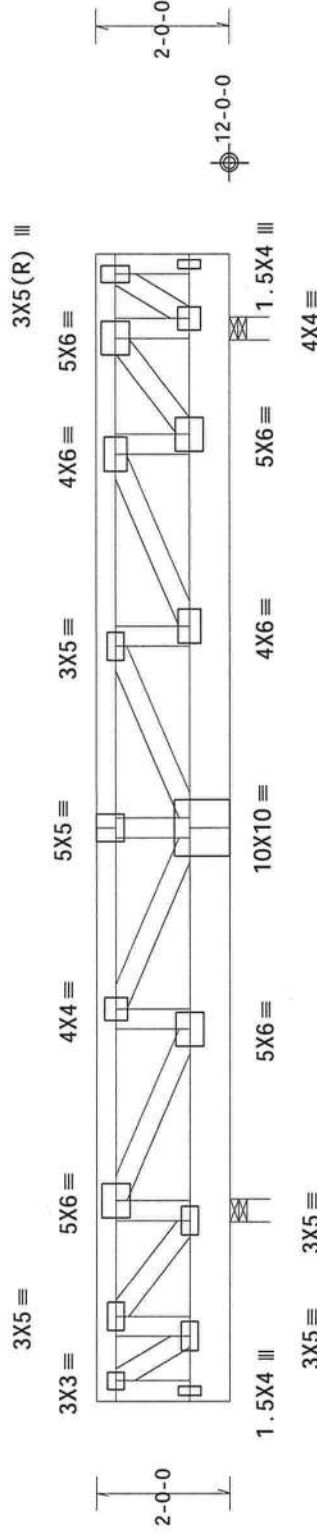
Special loads

Species	Lumber	Dur. Fac.=1.00	/	Plate	Dur. Fac.=1.00
TC- From	100 pif at 0.00	to	100 pif at	8.43	
TC- From	100 pif at 8.43	to	100 pif at	16.85	
BC- From	10 pif at 0.00	to	10 pif at	8.43	
BC- From	10 pif at 8.43	to	10 pif at	16.85	
TC- 249.34	lb Conc.	Load at	3.18		
TC- 851.09	lb Conc.	Load at	6.01		
TC- 1142.24	lb Conc.	Load at	8.84		
TC- 1233.15	lb Conc.	Load at	11.67		
TC- 1327.69	lb Conc.	Load at	14.50		

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

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.



27-10-17

16-10-3 Over 2 Supports

INTERP. P. 10-11-17

11-11-17

R=3069 W=4"

PIT TYP. Wave

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

TC LL	40.0	PSF	REF	R9114- 87078
TC DL	10.0	PSF	DATE	12/19/12
BC DL	5.0	PSF	DRW	HCUSR0114 12354272
BC LL	0.0	PSF	HC-ENG	SSB/WP/PF
TOT.LD.	55.0	PSF	SEQN-	286147
DUR.FAC.	1.00		FROM	SDY
SPACING	24.0"		JREF-	1US59114Z05

****IMPORTANTS**** ****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 follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTC) practices prior to performing these functions, installers should provide temporary bracing per BCSI section B3. Locations shown for permanent lateral restraint 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 Corp. Inc. (ITWBCS) shall not be responsible for any deviation from this specification, or any failure to build the truss in conformance with ANSI/TPI 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 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. This job is for information only. ITWBCS: www.itwbcsc.com; TPI: www.tpinet.org; WICA: www.sbcindustry.com; general: www.icsafe.org

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

12/19/2012

DUR.FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - FG2 2-PLY)

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

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

Special loads

-----Lumber Dur.Fac.=1.00 / Plate Dur.Fac.=1.00
TC- From 50 plf at 0.00 to 50 plf at 8.00
BC- From 5 plf at 0.00 to 5 plf at 8.00
TC- 480.44 lb Conc. Load at 1.56
TC- 341.10 lb Conc. Load at 3.53
TC- 400.52 lb Conc. Load at 5.53
TC- 510.49 lb Conc. Load at 7.53

Truss must be installed as shown with top chord up.

2 COMPLETE TRUSSES REQUIRED

Nail Schedule: 0.128"x3", min. nails

Top Chord: 1 Row @ 5.00" o.c.

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

Webs : 1 Row @ 4" o.c.

Use equal spacing between rows and stagger nails

in each row to avoid splitting.

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

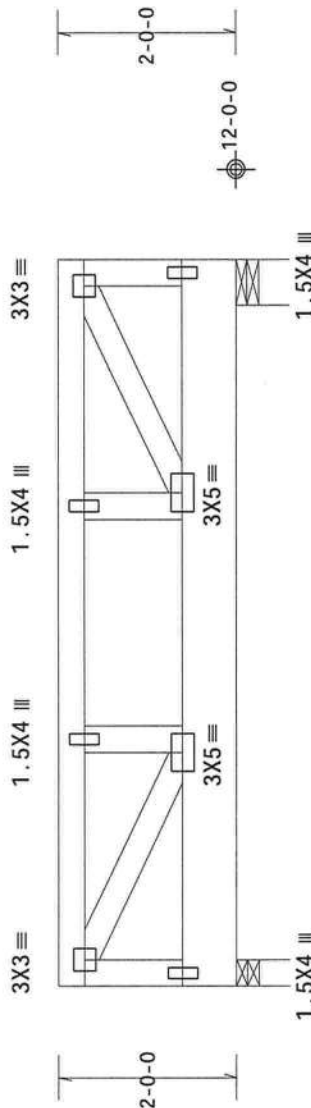
THE BOTTOM CHORD ONLY.

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

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

factor for dead load is 1.50.

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



8-0-0 Over 2 Supports

R=952 W=3.5"

R=1

PLT TYP. Wave

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

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

TC LL	40.0 PSF	REF	R9114- 87079
TC DL	10.0 PSF	DATE	12/19/12
BC DL	5.0 PSF	DRW	HCUSR9114 12354189
BC LL	0.0 PSF	HC-ENG	SSB/WPF
TOT.LD.	55.0 PSF	SEQN-	286151
DUR.FAC.	1.00	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET
****IMPORTANT**** FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information, by TPI and WCA) for details on proper handling, shipping, installation and bracing of trusses. 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-BCSI: www.itw-bcsi.com; TPI: www.tpi.net; WCA: www.wcaindustry.com.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on this drawing or cover page listing this drawing, 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-BCSI: www.itw-bcsi.com; TPI: www.tpi.net; WCA: www.wcaindustry.com.
ICC: www.iccsafe.org



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

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - FG3 3-PLY)

Top chord 2x4 SP_#1_Dense_12A :T2 2x4 SP_#2_12A;
Bot chord 2x8 SP_#1_Dense_12A
Webs 2x4 SP_#2_12A

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

Special loads

-----Lumber-----
TC- From Dur.Fac.=1.00 / Plate Dur.Fac.=1.00
50 pif at 0.00 to 50 pif at 15.87
TC- From 50 pif at 15.87 to 50 pif at 20.59
BC- From 5 pif at 0.00 to 5 pif at 6.72
BC- From 5 pif at 6.72 to 5 pif at 20.59
TC- 1252.82 lb Conc. Load at 1.19
TC- 225.38 lb Conc. Load at 3.00
TC- 1032.82 lb Conc. Load at 4.01
TC- 309.02 lb Conc. Load at 5.00
TC- 812.82 lb Conc. Load at 6.84
TC- 392.75 lb Conc. Load at 7.00
TC- 500.82 lb Conc. Load at 9.00
TC- 592.82 lb Conc. Load at 9.67
TC- 619.04 lb Conc. Load at 11.00
TC- 372.82 lb Conc. Load at 12.50
TC- 876.06 lb Conc. Load at 13.00
TC- 152.82 lb Conc. Load at 15.33

3 COMPLETE TRUSSES REQUIRED

Nail Schedule: 0.128"x3", min. nails
Top Chord: 1 Row @ 2.50" o.c.
Bot Chord: 1 Row @ 12.00" o.c.
Webs : 1 Row @ 4" o.c.

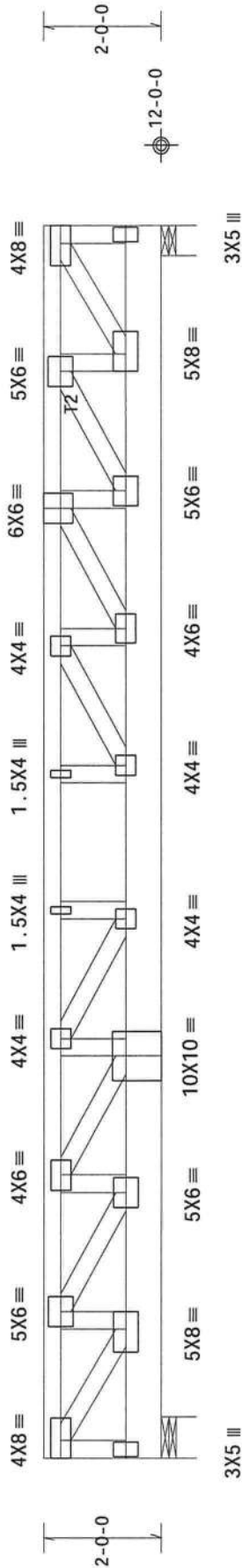
Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting.
(1) 1/2" bolts MAY BE USED FOR (2) 0.128"x3", min. nails ON THE BOTTOM CHORD ONLY.

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

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

Truss must be installed as shown with top chord up.

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



20-7-1 Over 2 Supports
R=5657 W=8.189"
R=5243 W=6"



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

PLT TYP. Wave

FL/-/5/-/-/R/-	Scale = .375"/Ft.
TC LL 40.0 PSF	REF R9114- 87080
TC DL 10.0 PSF	DATE 12/19/12
BC DL 5.0 PSF	DRW HCUSR9114 12354273
BC LL 0.0 PSF	HC-ENG SSB/WPF
TOT.LD. 55.0 PSF	SEQN- 286143
DUR.FAC. 1.00	FROM SDY
SPACING 24.0"	JREF- 1US59114Z05

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

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and WCA) for proper erection and bracing. Trusses shall be installed in accordance with the manufacturer's instructions. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have tracing installed per BCSI sections B3, B7 or B10, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation or bracing of trusses. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on this drawing cover page is required. The undersigned hereby certifies that the design and construction of the truss shown on this drawing 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; WCA; www.wcaindustry.com; ICC; www.iccnafe.org

12/19/2012

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

2 COMPLETE TRUSSES REQUIRED

Nail Schedule: 0.128"x3", min, nails
Top Chord: 1 Row @ 4.00" o.c.
Bot Chord: 1 Row @ 12.00" o.c.
Webs : 1 Row @ 4" o.c.

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

Special loads

Species	Lumber	Dur. Fac.=1.00	/	Plate	Dur. Fac.=1.00
TC-	From	100 plf at 0.00		to 100 plf at 8.43	
TC-	From	100 plf at 8.43		to 100 plf at 16.86	
BC-	From	10 plf at 0.00		to 10 plf at 5.44	
BC-	From	10 plf at 5.44		to 10 plf at 16.86	
TC-	152.82 lb Conc.	Load at 1.94			
TC-	372.82 lb Conc.	Load at 4.77			
TC-	592.82 lb Conc.	Load at 7.60			
TC-	812.82 lb Conc.	Load at 10.43			
TC-	1032.82 lb Conc.	Load at 13.26			
TC-	1252.82 lb Conc.	Load at 16.09			

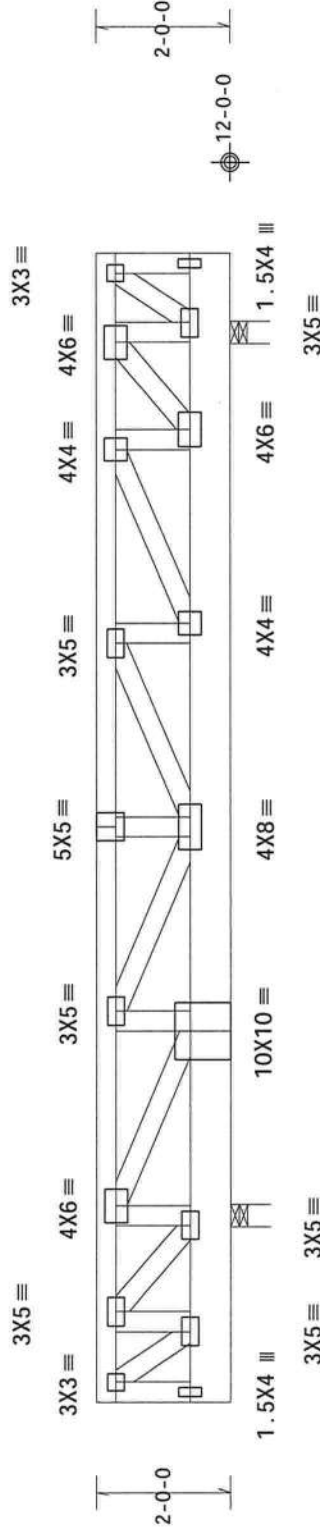
(1) 1/2" bolts MAY BE USED FOR (2) 0.128"x3", min. nails ON THE BOTTOM CHORD ONLY.

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

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

Truss must be installed as shown with top chord up.

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



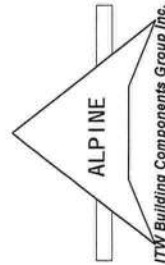
16-10-6 Over 2 Supports

B-2A07 W-A"

Design Crit: $\text{FBC2010Res/TPI-2007(STD FT/RT=20\%(0\%)/10(0\%))}$ FL/-/5/-/-/R/-/
Scale = .375"/Ft.

TC LL	40.0	PSF	REF	R9114-	87081
TC DL	10.0	PSF	DATE	12/19/12	
BC DL	5.0	PSF	DRW	HCUSR9114	12354257
BC LL	0.0	PSF	HC-ENG	SSB/WPF	
TOT.LD.	55.0	PSF	SEQN-	286145	
DUR.FAC.	1.00		FROM	SDY	
SPACING	24.0"		JREF-	1US59114Z05	

PLT TYP: Wave



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

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

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the following information for details. Trussing shall be installed in accordance with the design shown. Follow the latest edition of BCSI Building Components Safety Information, by TPI and WTA for additional information. The trusses are designed to be installed as shown. All connections shall be made as noted unless otherwise specified. Top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of walls shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

LTV Building Components Group Inc. (LTVBCG) 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 specification. LTV-860: www.ltvbcg.com; TPI: wtpi.net; WTA: www.wta-inc.com;

(SEE REVERSE PAGE FOR ADDITIONAL INFORMATION)

4 COMPLETE TRUSSES REQUIRED

W13 2x8 SP_#1_Dense_12A;
W14, W22 2x4 SP_#1_Dense_12A;

F

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

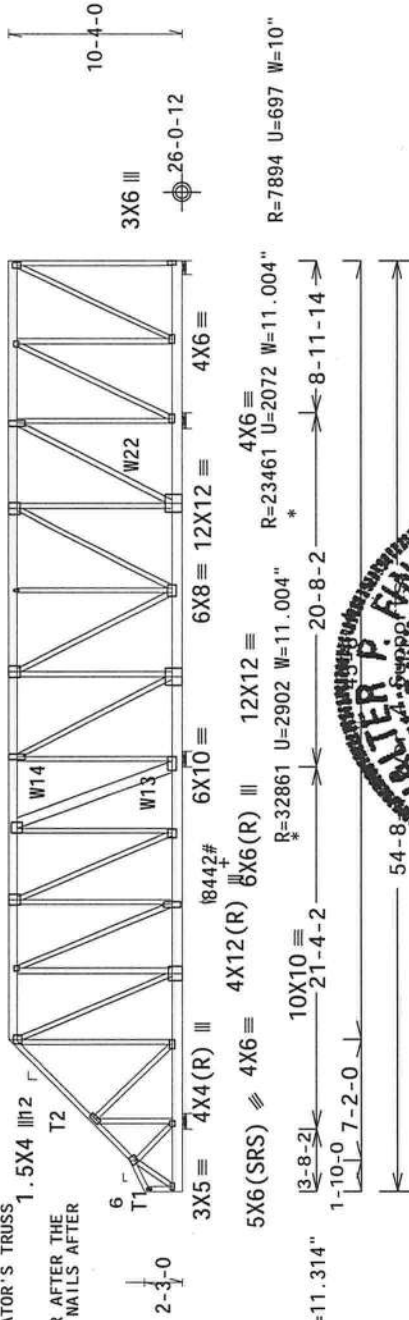
Special loads

Spectra (loads)	Dur. Fac.=1.00 / Plate Dur. Fac.=1.00
TC-From	62 pif at 0.00 to 62 pif at 1.83
TC-From	68 pif at 1.83 to 68 pif at 9.00
TC-From	62 pif at 9.00 to 526 pif at 17.00
TC-From	526 pif at 17.00 to 526 pif at 17.15
TC-From	526 pif at 17.15 to 526 pif at 30.57
TC-From	526 pif at 30.57 to 526 pif at 40.15
TC-From	526 pif at 40.15 to 526 pif at 53.00
TC-From	526 pif at 53.00 to 62 pif at 54.69
BC-From	20 pif at 0.00 to 20 pif at 12.85
BC-From	20 pif at 12.85 to 20 pif at 30.27
BC-From	20 pif at 30.27 to 20 pif at 40.45
BC-From	20 pif at 40.45 to 20 pif at 54.69
TC-3650.00 lb Conc. Load at 54.00	
BC-194.58 lb Conc. Load at 2.06	
BC-354.58 lb Conc. Load at 6.06	
BC-479.59 lb Conc. Load at 8.06	
BC-567.87 lb Conc. Load at 10.06	
BC-853.98 lb Conc. Load at 12.06	
20.06, 22.06, 24.06	
BC-8441.75 lb Conc. Load at 17.00+	
BC-968.99 lb Conc. Load at 19.02, 21.02, 23.02, 25.02	
27.02, 29.02, 31.02, 33.02, 35.02, 37.02	

IN ADDITION APPLY (1) SIMPSON 1/4"x6" SDS SCREW @ EACH TOP CHORD JOINT LOCATION.

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

+ 10-16D BOX(0.135"x3.5") NAILS OPPOSITE HANGER AFTER THE THIRD PLY IS ATTACHED.4-16D BOX(0.135"x3.5") NAILS AFTER THE FOURTH PLY IS ATTACHED.



PLT TYP. Wave

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

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

[illegible]

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

FL COA #0 278

	FL/-/5/-/-/R/-	Scale = .09375"/Ft.
TC LL	20.0 PSF	REF R9114- 87082
TC DL	10.0 PSF	DATE 12/19/12
BC DL	10.0 PSF	DRW HCUSR9114 12354307
BC LL	0.0 PSF	HC-ENG SSB/WPF
TOT.LD.	40.0 PSF	SEQN- 286155
DUR.FAC.	1.25	FROM SDY
SPACING	24.0"	JREF- 1US59114Z05

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - WG2 3-PLY)

Top chord 2x6 SP #1_Dense_12A
Bot chord 2x8 SP #1_Dense_12A
Webs 2x4 SP #2_12A
:W3, W5, W13, W15 2x8 SP #1_Dense_12A: :W4, W14 2x4 SP #1_Dense_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 477 plf at 0.00 to 477 plf at 22.72
 - TC- From 477 plf at 13.72 to 477 plf at 22.74
 - TC- From 477 plf at 22.74 to 477 plf at 36.52
 - BC- From 20 plf at 0.00 to 20 plf at 8.77
 - BC- From 20 plf at 8.77 to 20 plf at 18.23
 - BC- From 20 plf at 18.23 to 20 plf at 27.68
 - BC- From 20 plf at 27.68 to 20 plf at 36.52
 - BC- 968.99 lb Conc. Load at 1.58, 5.58, 30.56
 - BC- 536.45 lb Conc. Load at 3.49, 32.64
 - BC- 1534.60 lb Conc. Load at 7.58, 28.56
 - BC- 1538.31 lb Conc. Load at 9.58, 26.56
 - BC- 1528.09 lb Conc. Load at 11.58, 24.56
 - BC- 1509.98 lb Conc. Load at 13.58, 22.56
 - BC- 1178.61 lb Conc. Load at 15.58, 17.58, 18.56, 20.56
 - BC- 1540.43 lb Conc. Load at 34.56
 - BC- 479.59 lb Conc. Load at 8.06
 - BC- 567.87 lb Conc. Load at 10.06
 - BC- 853.98 lb Conc. Load at 12.06, 14.06, 16.06, 18.06
 - 20.06, 22.06, 24.06
 - BC- 8441.75 lb Conc. Load at 17.00 +
 - BC- 968.99 lb Conc. Load at 19.02, 21.02, 23.02, 25.02
 - 27.02, 29.02, 31.02, 33.02, 35.02, 50.00

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

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

+ 8-160 BOX(0.135"x3.5") NAILS OPPOSITE HANGER AFTER THE THIRD PLY IS ATTACHED.

3 COMPLETE TRUSSES REQUIRED

Nail Schedule: 0.128"x3", min. nails
Top Chord: 1 Row @ 3.75" o.c.
Bot Chord: 2 Rows @ 4.00" o.c. (Each Row)
Webs : 1 Row @ 4" o.c.
Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting.
(1) 1/2" bolts MAY BE USED FOR (2) 0.128"x3", min. nails ON EITHER THE TOP OR BOTTOM CHORDS.

(1) - plates so marked were sized using a Fabrication Tolerance of 0% and a Rotational Tolerance of 0 degrees.

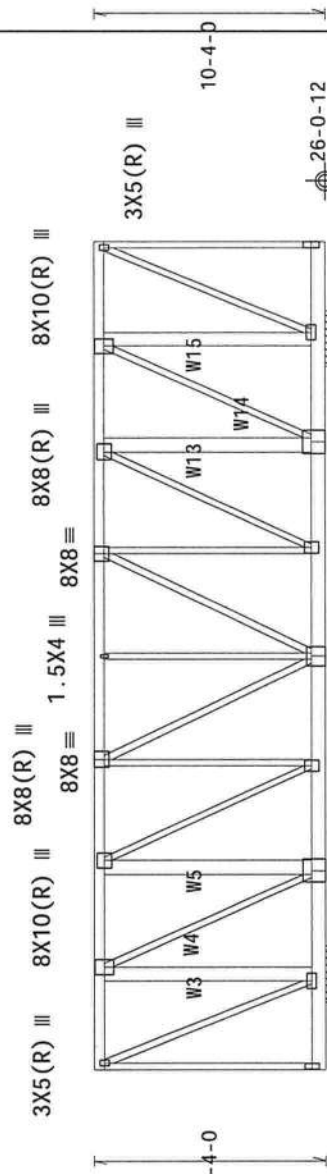
120 mph wind, 36.40 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 4.50 ft from roof edge, RISK CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi (+/-)=0.18

Wind loads and reactions based on MMFRS.

End verticals not exposed to wind pressure.

Left and right cantilevers are exposed to wind

Truss must be installed as shown with top chord up.



12X12(I) = 6X8(R) III 10X10 = 5X8 = H0308 III
12X12(I) = 6X8(R) III 10X10 = 5X8 = H0308 III
R=8262 PLF U=1622 PLF W=2-5-14
12X12(I) =

R=8098 PLF U=1622 PLF W=2-5-14



PLT TYP. 20 Gauge HS, Wave

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

Scale = .125"/Ft.

TC LL	20.0 PSF	REF	R9114- 87083
TC DL	10.0 PSF	DATE	12/19/12
BC DL	10.0 PSF	DRW	HCUSR9114 12354308
BC LL	0.0 PSF	HC-ENG	SSB/WPF
TOT.LD.	40.0 PSF	SEQN-	286157
DUR.FAC.	1.25	FROM	SDY
SPACING	24.0"	JREF-	1US9114Z05

ALPINE

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

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

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

IMPORTANT
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for instructions prior to performing these functions. Installers shall provide adequate bracing and proper installation of the trusses. 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. Trusses shall have bracing installed per BCSI sections 83, 87 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. For more information visit: www.alpineinc.com general notes page: ITW-BCG: TPI: www.tpinet.org; WTCA: www.alpineinc.com; ICC: www.iccsafe.org

120 mph wind, 43.03 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi (+/-)=0.18

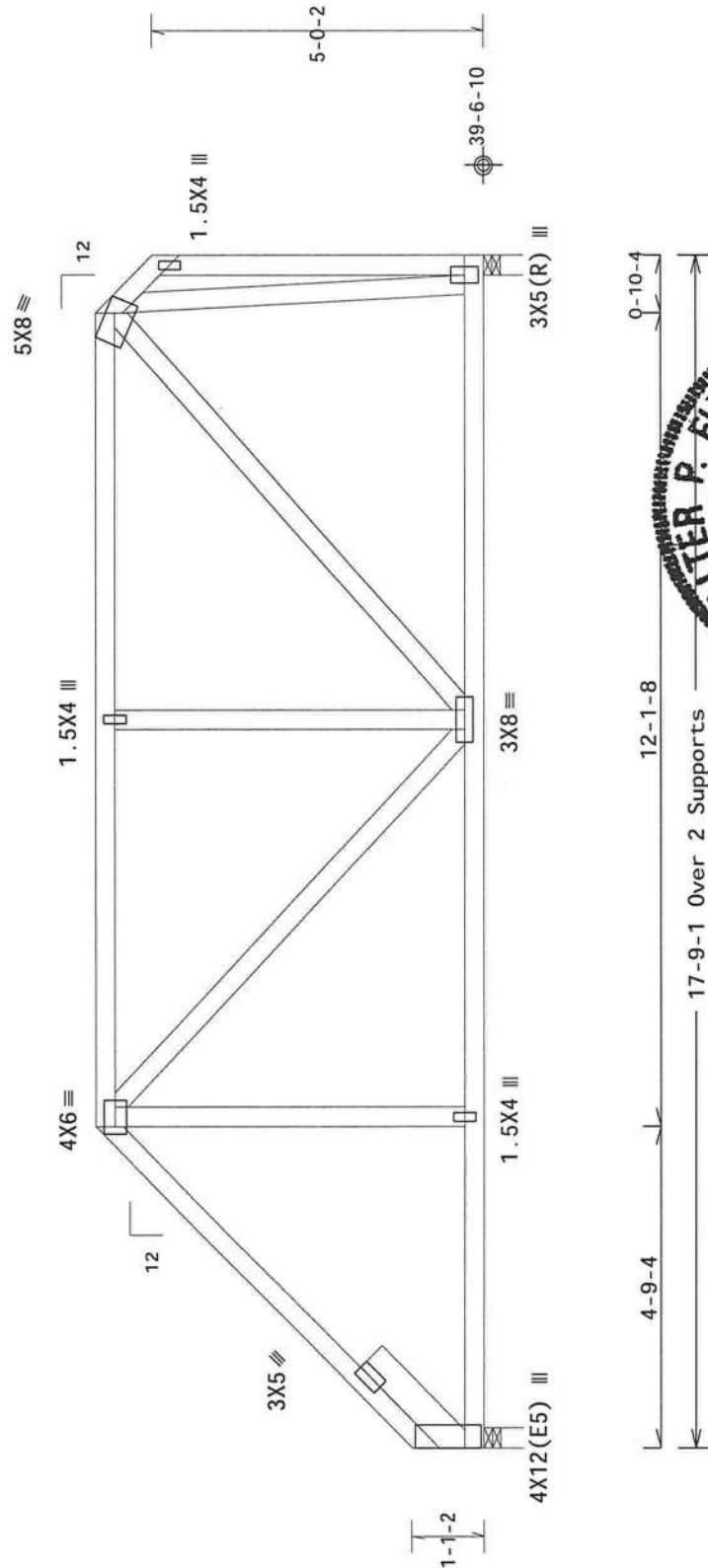
wind BC DL=5.0 psf. GCpi(+/-)=0.18

[illegible]

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

Right end vertical not exposed to wind pressure.

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



784 II=119 W=3 5"

Design Crit: FBC2010Res/TPI-2007(STP)

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

TC LL	20.0	PSF	REF	R9114-	87085
TC DL	10.0	PSF	DATE	12/19/12	
BC DL	10.0	PSF	DRW	HCUSR9114	12354182
BC LL	0.0	PSF	HC-ENG	SSB/WPF	
TOT.LD.	40.0	PSF	SEQN-	285463	
DUR.FAC.	1.25		FROM	SDY	
SPACING	24.0"		JREF-	1US59114Z05	

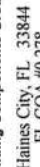
****WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET!**
WHICH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

*****IMPORTANT*****

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Read and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCIA) and follow the instructions of the manufacturer of the components used in the trusses. Trusses shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of the trusses shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of the trusses shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of the trusses shall have a properly attached rigid ceiling.

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

ITW Building Components Group Inc. (TWBCG) shall not be responsible for any deviation from this drawing. The user assumes full responsibility for the design and construction of the building. In the event of any failure to build the frame in conformance with ANSI/TPI-1 or TWBCG drawings, the manufacturer shall not be held liable for any damage or injury resulting therefrom. For additional details, please contact your local sales office. Refer to drawings H0A-T/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-BCC; www.twbcg.com; TPI: www.tpiinc.org; WPCA: www.sbcindustry.com



(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - R2)

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

:Lt Slider 2x6 SP_#1_Dense_12A: BLOCK LENGTH = 2.668'

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

(a) Continuous lateral bracing equally spaced on member.

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

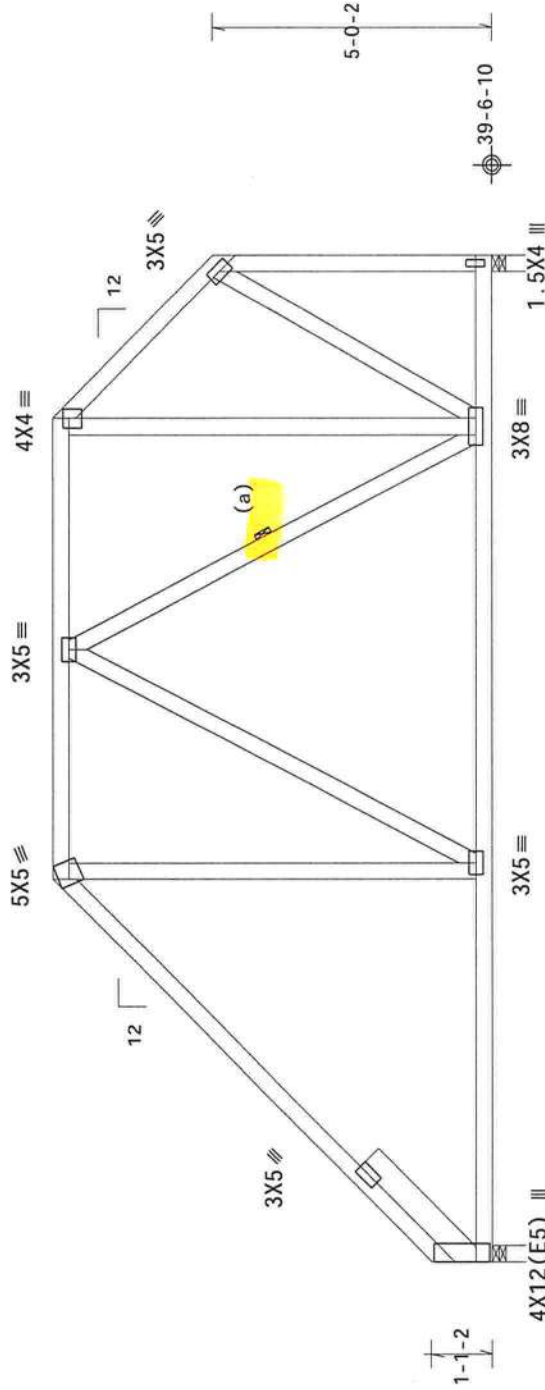
120 mph wind, 44.03 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCPI(+/-)=0.18

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

Right end vertical not exposed to wind pressure.

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

MMFRS loads based on trusses located at least 22.01 ft. from roof edge.



6-9-4 8-1-8 2-10-4
17-9-1 Over 2 Supports
R=784 U=7 W=3.5
RL=121/-92
U=57 W=3.5"



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

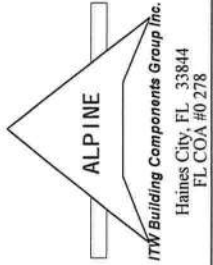
Scale = .3125"/Ft.

TC LL	20.0 PSF	REF	R9114- 87086
TC DL	10.0 PSF	DATE	12/19/12
BC DL	10.0 PSF	DRW	HCUSR9114 12354129
BC LL	0.0 PSF	HC-ENG	SSB/WPF
TOT.LD.	40.0 PSF	SEQN-	285464
DUR.FAC.	1.25	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05

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 more information. 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. Any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering. The responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This Job's general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; WTCA: www.sbcindustry.com; ICE: www.iccsafe.org



(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor, ** - R3)

120 mph wind, 44.60 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 4.50 ft from roof edge, RISK CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi (+/-)=0.18

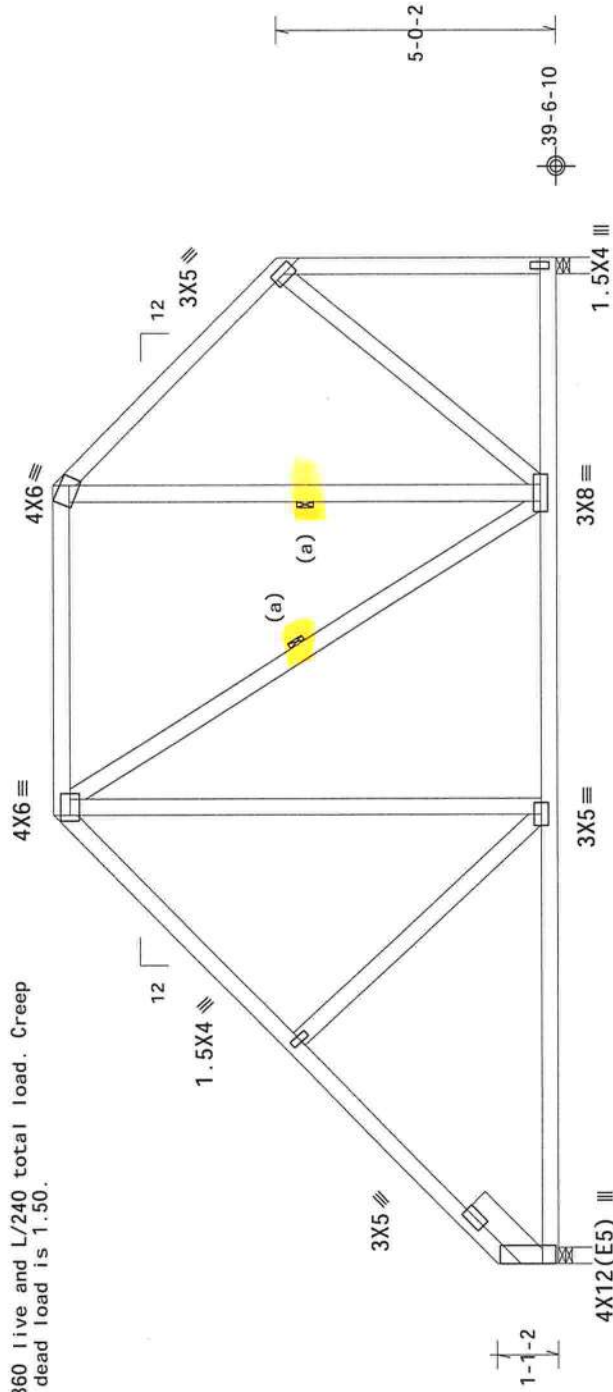
: Lt Slider 2x6 SP #1 Dense 12A: BLOCK LENGTH = 1.637'

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

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

Right end vertical not exposed to wind pressure.

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



7-11-0 5-10-0 4-0-1
17-9-1 Over 2 Supports
R=833 U=110 W=3.5"
RL=147/-118
WALTER P. FINN
LICENSE

PLT TYP. Wave

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

Scale = .3125"/Ft.

TC LL	20.0	PSF	REF	R9114- 87087
TC DL	10.0	PSF	DATE	12/19/12
BC DL	10.0	PSF	DRW	HCUSR9114 12354128
BC LL	0.0	PSF	HC-ENG	SSB/WIPF
TOT.LD.	40.0	PSF	SEQN-	285465
DUR.FAC.	1.25		FROM	SDY
SPACING	24.0"		JREF-	1US59114Z05

12/19/2012

Drawing, unless noted otherwise. Refer to drawings 100A-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 pages; TW-BDC: www.itwbcg.com; ITCA: www.spinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844
FL COA #0 278

(120912--Anderson Truss Co. -Patel Residence -- Lot 1 Hills Of Windsor , ** - R6)

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

120 mph wind, 42.32 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCPI(+/-)=0.18

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

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

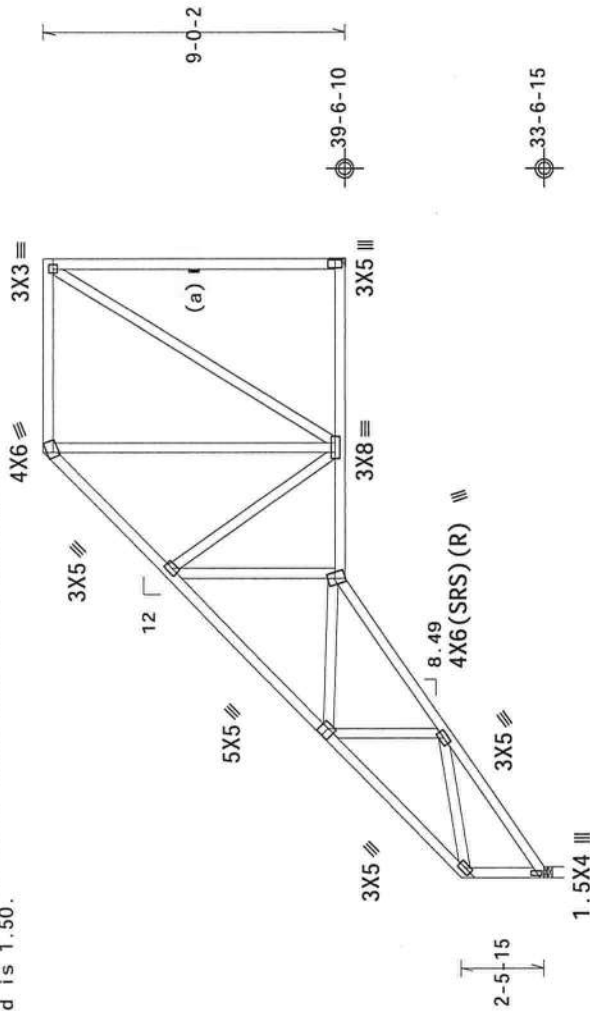
End verticals not exposed to wind pressure.

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

(a) Continuous lateral bracing equally spaced on member.

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

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



12-5-14 8-9-5 9-4-12 5-8-4
18-2-2 Over 2 Supports
R=812 U=1
H=H1
RL=246/-123

PLT TYP. Wave

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

FL/-/5/-/-/R/-		Scale = .1875"/Ft.	
TC LL	20.0 PSF	REF	R9114- 87090
TC DL	10.0 PSF	DATE	12/19/12
BC DL	10.0 PSF	DRW	HCUSR9114 12354131
BC LL	0.0 PSF	HC-ENG	SSB/WPF
TOT.LD.	40.0 PSF	SEQN-	285467
DUR.FAC.	1.25	FROM	SDY
SPACING	24.0"	JREF-	1US59114Z05



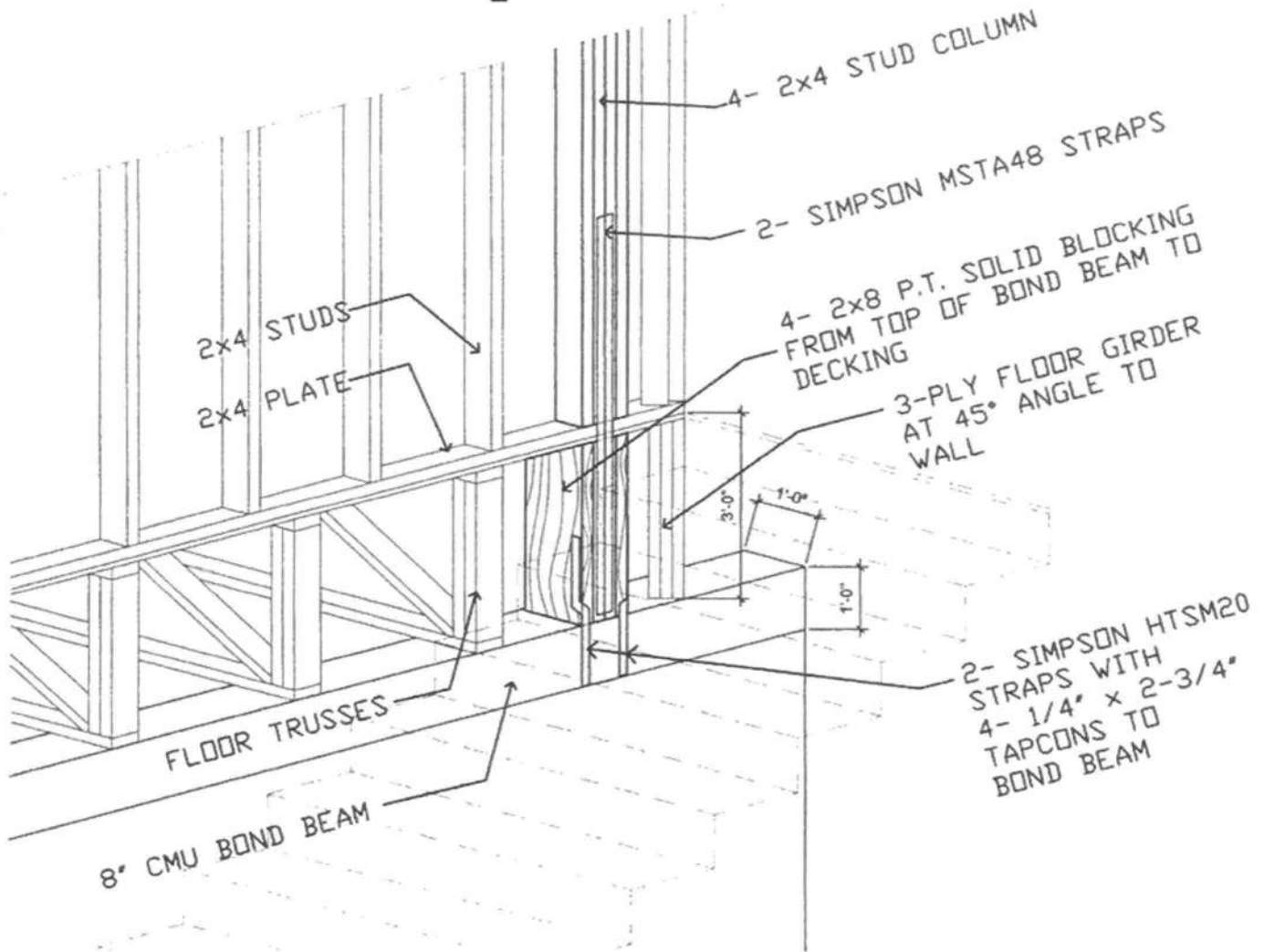
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****IMPORTANT**** Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information, by TPI and WCA) for all details and instructions. Trusses are designed and manufactured to provide temporary bracing per the instructions. Trusses are not to be used as permanent bracing. Trusses shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of trusses shall be followed. Trusses shall be installed in accordance with the instructions. Trusses shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
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ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

STRUCTURAL PLAN SERVICE INC.



PO BOX 940128
Maitland, FL 32794
Phone (407) 310-7704
fax (866) 621-5802



**ISOMETRIC SKETCH SHOWING REQUIRED BLOCKING
AND ANCHORAGE AT BEARING POINT UNDER 4-PLY
ROOF GIRDER TRUSS AT REAR STAIR CASE**

**PATEL RESIDENCE -
HILLS OF WINDSOR, LOT 1, COLUMBIA COUNTY, FL**

STRUCTURAL PLAN SERVICE INC.
COA #27152 Ken Ehlers P.E.# 18243
LICENSED PROFESSIONAL ENGINEER

J. Cheer
11/14/13