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ITW Building Components Group, Inc.

2400 Lake Orange Drive suite 150 Orlando FL 32837
Florida Engineering Certificate of Authorization Number 0 278
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID 1V3B487-Z0224151353

Truss Pabricator Anderson Truss Company

Job Identification 14-005C--BRYAN ZECHER /Jones/Goodson Residence -- Lake City

Truss Count 48

Model Code Truss Criteria FBC2010Res/TPI-2007(STD)

Engineering Software Alpine Software, Versions 12.03, 13.02.

Structural Engineer of Record The identity of the structural EOR did

Record The identity of the structural EOR did not exist as of Address the seal date per section 61015-31.003(5a) of the FAC

Minimum Design Loads Roof - 37.0 PSF @ 1.25 Duration

Floor - N/A

Wind - 120 MPH ASCE 7-10 -Closed

Notes

 Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1

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

01/24/2014

Walter P Finn
-Truss Design Engineer-

1950 Marley Drive Haines City, FL 33844

Details:	12015EC1-GBL	LETIN-GABRST10	-BRCLBSUB-
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#	Ref Description	Drawing#	Date
1	69273A 25' Common	14024160	01/24/14
2	69274A1 25' Common	14024161	01/24/14
3	69275A2 8'11"8 Mono	14024162	
4	69276AGE 25' Gable	14024194	01/24/14
5	69277-AGE2 11'4" Gable	and the second segment	01/24/14
6	69278-B1 22'11" Common		01/24/14
7	69279-B2 22'9"8 Common	14024207	
8	69280BGE 9'4" Gable	14024164	01/24/14
9	69281-BGE1 22 11" Com	14024202	01/24/14
10	69282-C 39'11"8 Specia	14024165	
11	69283-C1 48'3"8 Specia	14024166	\$400 C
12	69284-C2 48'3"8 Specia		01/24/14
13	69285-C3-48'3"8 Specia		01/24/14
14	69286CJ1 1'4"3 Jack	14024168	01/24/14
15	69287CJ1A 1'9"8 Jack		01/24/14
16	69288-CJ2 1'10"14 Jack		01/24/14
17	69289-CJ2A 1'6"14 Jack		01/24/14
18	69290CJ3 4'0"3 Jack	14024172	01/24/14
19	69291CJ3A 4'5"8 Jack		01/24/14
20	69292~-CJ4 3'4"14 Jack 69293-CJ4A 3'0"14 Jack	,	01/24/14
21	69293-CJ4A 3'0"14 Jack 69294CJ5 6'8"3 Jack		01/24/14
23	69295CJ5A 7'1"8 Jack	14024176 14024177	01/24/14 01/24/14
24	69296-CJ6 4'10"14 Jack		01/24/14
25	69297-CJ6A 4'6"14 Jack		01/24/14
26	69298CJ8 6'4"14 Jack		01/24/14
27	69299-CJ8A 6'0"14 Jack		01/24/14
28	69300EJ7 7' End Jack		01/24/14
29	69301-EJ7A 7' End Jack		01/24/14
30	69302-EJ7B 6'8" End Ja		01/24/14
31	69303-EJ7C 6'5"8 End J	14024185	01/24/14
32	69304-H7 39'11"8 Mono	14024204	01/24/14
33	69305-H7A 33'3"8 Mono	14024205	01/24/14
34	69306-HJ7 11'7"7 Hip J	14024206	01/24/14
35	69307-HJ7A 12'2"2 Hip	14024196	01/24/14
36	69308-HJ7B 11'3"4 Hip	14024197	01/24/14
-00	OCCOS-110 A 111h	17047107	VI/AT/ 17

#	Ref	Description	Drawi ng#	Date
37	69309-	H9 39'11"8 Mono	14024186	01/24/14
38	69310-	H9A 33'3"8 Mono	14024187	01/24/14
39_	-69311-	<u>H11_39'11"8 Mono</u>	14024188	01/24/14
40	69312-	H11A 33'3"8 Mono	14024189	01/24/14
41	69313-	H13-39'11"8 Mono	14024190	01/24/14
42	69314-	H13A 33'3"8 Mono	14024191	01/24/14
43	69315-	H15_39''11"8 Step	14024192	01/24/14
44	69316-	H15A-31-11" Mono	14024193	01/24/14
45	69317-	H17A 41'3" Mono	14024198	01/24/14
46	69318-	H19A-41-3" Mono	14024199	01/24/14
47	69319-	H21A 41'3" Mono	14024200	01/24/14
48	69320-	H23A 43'7" Mono	14024201	01/24/14



Top chord 2x4 SP 2850f-2 3E T2, T3 2x6 SP M-26 Bot chord 2x8 SP SS-13B B2 2x4 SP #1-13B Webs 2x4 SP #3-13B

Lumber grades designated with "13B' 1/30/2013 by ALSC use design values approved

Calculated horizontal deflection is 0 15' due to live load and 0 27' due to dead load

BC attic room floor loading 7-0-0 to 18-0-0 = 40 00 psf, DL = 10 00 psf, from

> 120 mph wind, 15 00 ft mean anywhere in roof, RISK CAT I DL=5 0 psf GCpi(+/-)=0 18 hgt, ASCE 7-10, CLOSED bidg, I I, EXP C, wind TC DL=3 5 psf, Located wind BC

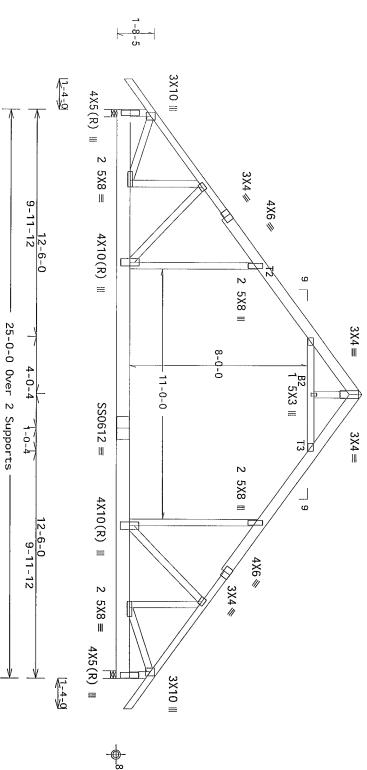
Wind loads and reactions based on MWFRS with additional C&C member

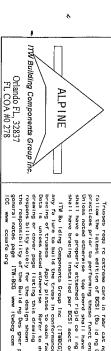
Bottom chord checked for 10 00 psf non-concurrent live load

Collar-tie braced with continuous lateral bracing at 24  $^{\circ}$  ceiling 8 or rigid

Deflection meets L/240 live and L/180 total load factor for dead load is 1 50  $\,$ Creep increase

4X10(R) ||





· · IMPORTANT • • \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!

Design Crit

FBC2010Res/TP1-2007(STD) FT/RT=20%(0%)/10(0)

PLT TYP

18 Gauge HS,

, Wave

R=1829 U=161 W=4' RL=279/-279

(4)

min )

R=1829 U=161 W=4" (4" min )

Trusses require extreme care in fabricating handling shipping installing and bracing Refer to an follow the latest edition of BCSI (Building Component Safety Information by IP) and WTCA) for safety practices prior to performing these functions installing shall provide temporary bracing per BCSI (Building Safety) and wTCA) for safety Unless noted otherwise top chord shall have properly attached structural shaething and bottom chord shall have a properly attached rigid of or ing locations shown for permanent lateral restraint of websits have a properly attached rigid of or ing locations shown for permanent lateral restraint of websits.

ITW But Iding Components Group Inc. (ITWGG) shall not be responsible for any deviation from this desirable for lune to build the trust in conformation with MSS(TM) to for handding shipping installation braining of trustees. Apply places are processed with MSS(TM) to for handding shows and on the Joint Data is unless exceed orbanishes. Before a flowing 1064.2 flow summarized to process and apply large shall not be seen in the Joint Grawing or cover page listing this drawing and cares acceptance summarized and ready as well as the seen of the seen in the seen of the

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747014		NEE!	7 ) WHIH	4 4	mini
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL
24.0"	1.25	37.0 PSF	0.0 PSF	10.0 PSF	7.0 PSF
JREF- 1V3B487_Z02	FROM JAW	SEQN- 344042	HC-ENG JB/WPF	DRW HCUSR9114 14024160	DATE 01/24/14

20.0 PSF

REF

R9114-

69273

Scale = .25"/Ft.

Fop Bot BC attic room floor loading 7-0-0 to 18-0-0 Calculated horizontal deflection is  $\boldsymbol{0}$  due to dead load Lumber grades designated with "13B" use design values approved  $1/30/2013\ \mbox{by ALSC}$ chord 2x4 SP #1-13B T2, T3 2x6 SP SS-13B chord 2x8 SP #1 Dense-13B B2 2x4 SP #1-13B Webs 2x4 SP #3-13B Ε= 40 8 17" psf due to live load and 0 29" 무 II 10 00 psf, from

> 120 mph wind, 15 00 within 9 00 ft from wind BC DL=5 0 psf Wind loads and reactions based on MWFRS with additional C&C member ft mean hgt, ASCE roof edge, RISK CAGCp:(+/-)=0 18 CE 7-10, CAT 11, CLOSED bldg, EXP C, wind TC DL=3 located L=3 5 psf,

design

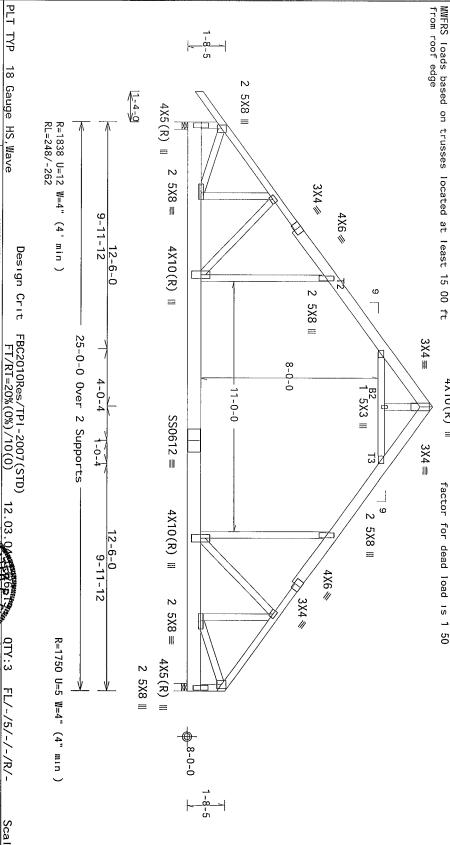
Bottom chord checked for 10 00 psf non-concurrent live load

Collar-tie braced with continuous lateral bracing at 24  $\!\!^{\rm "}$  ceiling 8 or rigid

Deflection meets L/240 live and L/180 total load factor for dead load is 1 50  $\,$ Creep increase

ft

4X10(R) Ⅲ





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

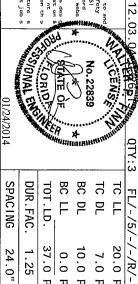
Design Crit

PLT TYP

18 Gauge HS, Wave

Trusses require extreme care in fabr cating handing shipping installing and bracing. Refer to an follow the latest edition of BCSI (Building Component Safety Information by IPI and WTCA) for safety practices prior to performing these functions. Installiers shall provide temporary bracing per BCSI (Building Safety) attached structural sheathing and bottom chord shall have a properly attached rigid or long Locations shown for permanent lateral restraint of webs shall have a properly attached rigid or long Locations shown for permanent lateral restraint of webs shall have a properly attached rigid or long Locations shown for permanent lateral restraint of webs shall have a properly attached rigid or long Locations shown for permanent lateral restraint of webs.

ITW But it in Components Group Inc. (ITWBGD) shall not be responsible for any deviation from this desirable any failure to build the trusts in conformance or this RSI. (PP) 1 or for hand, if any other parties and provide the state of trusts and positions and sharp parties or trusts and positions also mentioned on the parties of trusts and positions and sharp parties of the conformation of the state of the conformation of the state and positions. As set on the parties of the conformation of the state and parties and parties and parties and parties and parties of the state of the state



2014	7	Wales !	R Muun	) Hairi	HUNI
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL
24.0"	1.25	37.0 PSF	0.0 PSF	10.0 PSF	7.0 PSF
JREF- 1V3B487_Z02	FROM JAW	SEQN- 344076	HC-ENG JB/WPF	DRW HCUSR9114 14024161	DATE 01/24/14

20.0 PSF

REF

R9114- 69274

Scale = .25"/Ft

i hgt, ASCE 7-10,

, CLOSED bldg, Located TC DL=3 5 psf, wind BC

Bot op Lt Stub Wedge chord 2x4 SP #1-13B chord 2x4 SP #1-13B Webs 2x4 SP #3-13B Stub Wedge 2x4 SP #3-13B

Lumber grades designated with '13B" use design values approved  $1/30/2013\ \mbox{by ALSC}$ 

MWFRS loads based on trusses located at least 15 00 ft Bottom chord checked for 10 00 psf non-concurrent live load

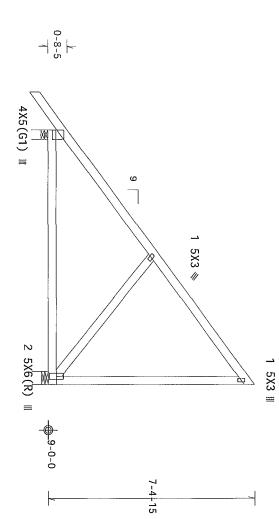
from roof

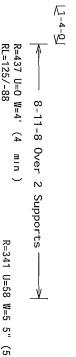
120 mph wind, 15 00 ft mean anywhere in roof, RISK CAT DL=5 0 psf GCpi(+/-)=0 18 Wind loads and reactions based on MWFRS with additional C&C member

design

Right end vertical not exposed to wind pressure

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





**Building Components Group** Orlando FL, 32837 FL COA #0 278 ALPINE

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"- |MPORTANT"" \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

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

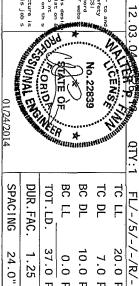
ت <u>=</u>

PLT TYP

Wave

Trusses require extreme care in fabr cating handling shipping installing and bracing Refer to any follow the latest edition of BCSI (Building Component Safety Information by IFF) and WTCA) for safety practices prior to performing these functions. Installiers shall provide temporary bracing per BCSI (Building Noted otherwise top chord shall have properly attached structural shouthing and bottom chord shall have a properly attached in glocalinos shown for permanent lateral restraint of websits and have a properly attached in glocalinos shown for permanent lateral restraint of websits shall have a properly attached in glocalinos shown for permanent lateral restraint of websits shall have a properly attached in glocalinos shown for permanent lateral restraint of websits shall have a properly attached in glocalinos shown for permanent lateral restraint of websits.

ITM But Id ng Components Group Inc. (ITMBCD) shall not be responsible for any day strien from this desi any failure to awail de the cruss in conformance with MSIC/TPI 1 or for handing a highly shall not be been fig of trusses of the string of trusses and post of may shown above and the John to Botal is unless incord otherwise. Refer to drawing 1604-2 for standard plates past lons it shall not the drawing or cover page is thing this drawing find cates acceptance of pricess and engineering continues and or cover page is thing this drawing. The suitable Ly and use of this does in for any structure in the responsibility of the design shown. The suitable Ly and use of this does in for any structure in the responsibility of the design shown. The suitable Ly and use of this does in for any structure in the responsibility of the Building Berger per MSI/TPI 1 Sec 2. For more inframet on see This Job This job s



37.0

PSF

SEQN-

345408

FROM

0.0 PSF 10.0 PSF 7.0 PSF

HC-ENG

JB/WPF

20.0 PSF

Scale = .3125"/Ft R9114- 69275

DATE REF

01/24/14

DRW HCUSR9114 14024162

24.0" 1.25

JREF- 1V3B487\_Z02

13B 13B use design values approved

Lumber grades designated with 1/30/2013 by ALSC Calculated horizontal deflection is 0 21 due to dead load

due to live load and 0 14

more

See DWGS A12015ENC100212 GBLLETIN0212 & GABRST100212 for

Stacked top chord must NOT be notched or cut in area (NNL) Dropped top chord braced at 24 oc intervals Attach stacked top chord (SC) to dropped top chord in notchable area using 3x4 tie-plates 24 oc Center plate on stacked/dropped chord interface plate length perpendicular to chord length Splice top chord in notchable area

4X4 ≡

120 mph wind 15 00 ft mean hgt ASCE 7-10 CLOSED bldg anywhere in roof RISK CAT il EXP C wind TC DL=3 5 psf DL=5 0 psf GCpi(+/-)=0 18 Located wind BC

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

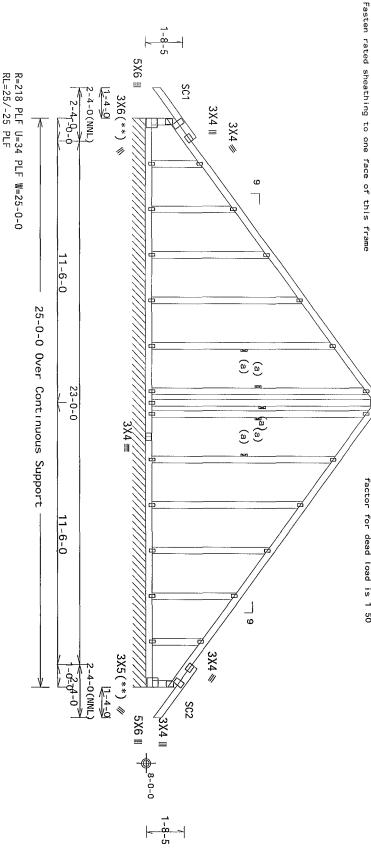
Wind loads and reactions based on MWFRS with additional C&C member design

Truss spaced at 24 0  $\,$  0C designed to support 2-3-0 top chord outlookers Cladding load shall not exceed 10 00 PSF Top chord must not be cut or notched

(a) Continuous lateral restraint equally spaced on member TC @ 24

Bottom chord checked for 10 00 psf non-concurrent live load In lieu of structural panels use purlins to brace

Deflection meets L/240 live and L/180 total load factor for dead load is 1  $50\,$ Creep increase



ITW Building Components Group Orlando FL, 32837 FL COA #0 278 ALPINE

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

PLT TYP

Wave

Note

All Plates

Are 1

5X3 Except As Shown

Design Crit

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

12 03

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

Scale =.25"/Ft. R9114- 69276

Trusses require extreme care in fabr ceting handling shipping installing and bracing Refer to a follow the latest edition of 803 (Building Component Safety Information on by IPI) and WICA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per 803 (Incass noted otherwise top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid coil ing. Locations should not perform the shall have a properly attached rigid coil ing.

ITW Bu Iding Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this diany failure to build the truss in conformance with MSSI/TPI 1 or from handling as pign greatly strated and post trusses. Apply plates to easen face of truss and post to has shown above and on the Joint Docu 1s unless moted otherwise. Refer to drawing 160At-2 for standard plate post tions. A seal on drawing or cover page I stiff this drawing indicates acceptance of profess and engiated for the data of the data of the seal on the Joint Component of the Component of the data of the seal on th

ELER P. CENS O'ONAL ENGIN No. 22839 TATE OF 01/24/2014 すさ

	1	ER	**************************************	Nazrrą	inini.	Hitto
SPACING	DUR.FAC.	TOT.LD	BC LL	BC DL	TC DL	TC LL
24 0"	1.25	37.0 PSF	0.0 PSF	10.0 PSF	7.0 PSF	20.0 PSF
JREF- 1V3B487_Z02	FROM JWW	SEQN- 344209	HC-ENG JB/WPF	DRW HCUSR9114 14024194	DATE 01/24/14	REF R9114- 69276

Top chord 2x4 SP #1-13B Bot chord 2x4 SP #1-13B Webs 2x4 SP #3-13B Stack Chord SC1 2x4 SP

#1-13B Lt Stub Wedge 2x4 SP #3-13B

Lumber grades designated with '13B' use design values approved 1/30/2013 by ALSC

Truss spaced at 24 0  $\,$  0C designed to support 2-3-0 top chord outlookers Cladding load shall not exceed 10 00 PSF. Top chord must not be cut or notched

stacked top chord (SC) to dropped top chord in notchable area using 3x4 tie-plates 24 or Center plate on stacked/dropped chord interface plate length perpendicular to chord length. Splice top chord in notchable area using 3x6Stacked top chord must stacked top chord (SC) 3x4 tie-plates 24 o c NOT be notched or cut in area (NNL) Attach

> 120 mph wind, 15 00 ft mean anywhere in roof, RISK CAT I DL=5 0 psf GCpi(+/-)=0 18 <u>ე</u> i hgt, ASCE 7-10, , CLOSED TC DL=3 3 5 psf, Located F. wind BC w nd

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

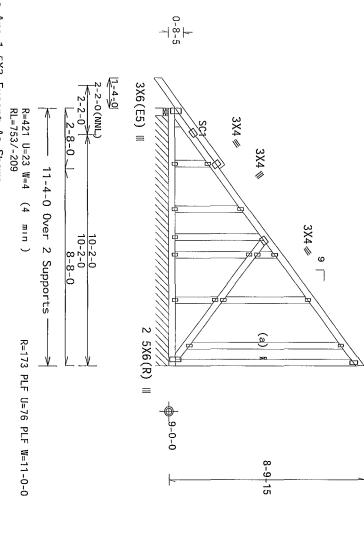
Right end vertical not exposed to wind pressure

See DWGS A12015ENC100212, GBLLETIN0212, & GABRST100212 for more requirements

(a) Continuous lateral restraint equally spaced on member

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

2X4 ||Deflection meets L/240 live and L/180 total factor for dead load is 1.50 load Creep increase



Note All Plates Are \_ 5X3 Except As Shown Design Crit

Tγp

Wave

· IMPORTANT · · \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS FBC2010Res/TP1-2007(STD) FT/RT=20%(0%)/10(0)

> 12. . လ

> 97:1

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

20.0 PSF

REF R9114- 69277

Scale = .25"/Ft.

Trusses require extreme care in fabricating handling shipping installing and bracking Refer to a follow the latest edition of BGSI (Building Component Safety Information by TPI and BTGA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI (bliess noted otherwise top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid coil ing. Locations shown for permanent lateral restraint of web shall have a properly attached per BCSI sections 50 BT or B10 as applicable. A seal on th

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ALPINE

ITW Building Components Group

Orlando FL, 32837 FL COA #0 278

ITW But Iding Components Group Inc. (ITWECE) shall not be respons ble for any dow at on from this, any failure to build the trues no conformance with MASI/IPH 1 or for handing as hip in netalitation of trueses. Apply plates to each face of trues and post on as shown above and on the Joint Details unless noted between the Refer to drawing 1004-2 for standard pate post on a A seal on drawing or cover page listing this drawing indicates acceptance of profess continued for growing or cover page listing this drawing indicates acceptance of profess continued for growing the profess continued for the design shown. The suitable is yad use of the design for more from the design for more from the design for part ANSI/IPH 1 Sec 2 for more from the member of the continued for the formation see. This



BC DL BC LT SPACING DUR.FAC. TOT.LD. 37.0 1.25 24.0" 0.0 10.0 PSF 7.0 PSF PSF PSF DATE FROM SEQN-DRW HCUSR9114 14024195 JREF-HC-ENG JB/WPF 01/24/14 345405

1V3B487\_Z02

01/24/2014

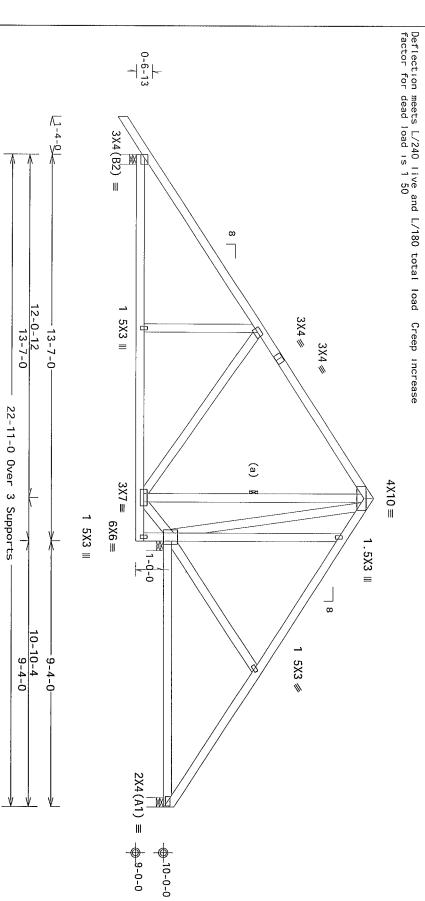
Lumber grades designated with "13B" use design values approved  $1/30/2013\ \mbox{by ALSC}$ 

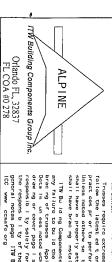
(a) Continuous lateral restraint equally spaced on member

120 mph wind, 15 00 ft mean anywhere in roof, RISK CAT | DL=5 0 psf GCpi(+/-)=0 18 n hgt, ASCE II, EXP C, : 7-10, wind TC DL=3 5 psf, wind BC

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

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





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

Design Crit

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

PLT TYP

Wave

R=626 U=99 W=4" RL=198/-202

(4' mın

R=852 U=132 W=4"

(4" min )

R=379 U=54 W=4"

(4" min )

20.0 PSF

REF Scal

le =.3125"/Ft R9114- 69278

Trusses require extreme care in fabr eat my handing at pping installing and bracing. Refer to a follow the latest edition of BCSI (Building Component Safety Information on by IPI) and WTCA) for safety practices prior to performing those functions. Installiers shall provide temporary bracing per BCSI unless noted otherwise top chord shall have properly attached structural shaathing and bottom chord shall have a properly attached in discussion of the properly attached in the consistency of the properly attached to the properly attached the pr

ITW Bull to go Components Group Inc. (ITWBED), shall not be or propored for any down at on from this deal any failure to build the trusts in conformance with MBS(TPP) in or for handing. Ship paying installation brace on the proportion of the paying the paying installation brace of the paying the paying installation of the paying the paying

12 03 CENSE YONAL ENGIN No. 22839 CORIO 01/24/2014 QTY:2 TC FF FL/-/5/-/-/R/-

SPACING	DUR.FAC	TOT LD.	BC LL	BC DL	TC DL
24 0"	1.25	37 0 PSF	0.0 PSF	10 0 PSF	7.0 PSF
JREF- 1V3B487_Z02	FROM JMW	SEQN- 341086	HC-ENG JB/WPF	DRW HCUSR9114 1402416:	DATE 01/24/14

PLT TYP Bottom chord checked Top chord 2x4 SP #1-13B Bot chord 2x6 SP M-26 B2 2x4 SP #1-13B Webs 2x4 SP #3-13B W7 2x4 SP #2-13B Lumber grades designated with  $13B\,$  use design values 1/30/2013 by ALSC ITW Building Components Group Special loads (14-005C--BRYAN ZECHER /Jones/Goodson Residence -- Lake City BC--BBC--TC-0 - 6 - 13From From 12361 1238 Orlando FL, 32837 FL COA #0 278 ALPINE 53 28 76 Wave 57 57 57 57 20 20 20 15 15 17-4-9 r Fac =1 25
plf at 1-1
plf at 1-1
plf at 1
plf at 0
plf at 13
plf at 13  $4X4(A1) \equiv$ for R=2706 U=562 W=4' (4" 1 25 / -1 33 12 06 1 33 0 00 13 58 10 00 aat / Plate Dur Fac =1
3 to 57 pif at 2
6 to 57 pif at 2
3 to 5 pif at 1
0 to 20 pif at 1
8 to 20 pif at 2
8 to 20 pif at 2
8 to 10
8 to 10
8 to 20 pif at 2
8 to 10
8 to 20 pif at 2 Trusses require extreme care in febricating handling shipping installing and bracing Refer to a follow the latest edition of BSSI (Building Component Safety Information by IPI) and WTG) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BSSI (the said noted otherwise tupe chord shall have proporty attached structural sheathing and bottom chord shall have a proporty attached in glicial cross shown for permanent lateral restraint of week shall have a proporty attached in glicial cross shown for permanent lateral restraint of week shall have a proporty attached in glicial cross shown for permanent lateral restraint of week shall have a proporty attached in glicial cross shown for permanent lateral restraint of week shall have a proporty attached in glicial cross shall have a proporty attached in glicial cross shall have a proporty attached in glicial cross shall have a proporty attached and glicial cross shall have a proporty attached cross shall have a proporty attached and glicial cross shall have psf IMPORTANT .. 5X3 ⊭ ω non-concurrent live load \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS c =1 25)
st 12 06
st 22 79
st 0 00
st 13 58
t 22 79 12-0-12 Design Crit 6X8(R) Ⅲ 13-7-0 6X10 ∅ approved 22-9-8 Over FBC2010Res/TP1-2007(STD) FT/RT=20%(0%)/10(0) 끈 5X8≡ 7X8≡ 2 Supports B2 R=6253 U=1189 W=4" (4' min 22 2 (a) 5X6 Ⅲ 9 5X3 8 Common Girder) 0-0-\_8X8 ≡ 120 mph wind 15 00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9 00 ft from roof edge, RISK CAT II, EXP C, wind TC DL=3 5 psf wind BC DL=5 0 psf GCpi(+/-)=0 18 ω Right cantilever is exposed to wind Nail Schedule 0 128 x3, min nails
Top Chord 1 Row @ 12 00 o c
Bot Chord 1 Row @ 4 75 o c
Webs 1 Row @ 4 0 c
Use equal spacing between rows and stagger nails in each row to avoid splitting Deflection meets L/240 live and L/180 total load factor for dead load is 1.50 (a) Continuous lateral restraint equally spaced on member Wind loads and reactions based on MWFRS 2 COMPLETE 10-8-12 9-2-8 \_B2 12 3X4 // င္သ 8-10-8 5X3 = **TRUSSES** 3X4(B1) =QT/ .1 REQUIRED SPACING BC LL BC DL TC DL TC LL DUR FAC. FL/-/5/-/-/R/-Creep increase 24.0" 37.0 10 0 1.25 20.0 PSF 0 7.0 PSF PSF PSF PSF 9-0-0 10-0-0 SEQN-DATE REF FROM DRW HCUSR9114 14024207 JREF-HC-ENG Scale = 25"/Ft. R9114- 69279 1V3B487\_Z02 JB/WPF 01/24/14 341622

01/24/201-

Lumber grades designated with '13B" use design values approved  $1/30/2013\ \mbox{by ALSC}$ 

Gable end supports 8 max rake overhang

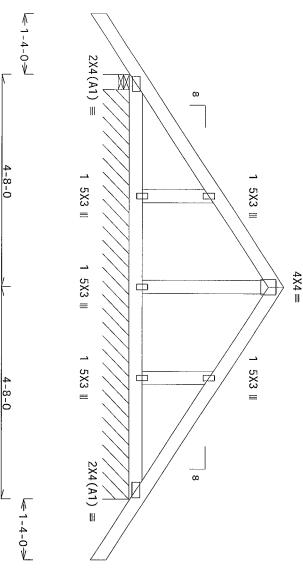
Bottom chord checked for 10 00 psf non-concurrent live load

120 mph wind, 15 00 ft mean anywhere in roof, RISK CAT I DL=5 0 psf GCpi(+/-)=0 18 h hgt, ASCE 7-10, CLOSED bidg, Located II, EXP C, wind TC DL=3 5 psf, wind BC

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

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

Deflection meets L/240 live and L/180 total load factor for dead load is 1 50  $\,$ Creep increase



R=208 U=39 W=4" RL=114/-114 4 9-4-0 Over 2 Supports R=75 PLF U=12 PLF W=9-0-0

ITW Building Components Group Orlando FL, 32837 FL COA #0 278 **ALPINE** 

· IMPORTANT\*\* \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!

Design Crit

ΤYΡ

Wave

Trussos require extreme care in fabricat ng handling shipp ng install ng and brac ng Ref follow the latest edition of BSI (Building Component Safety Informet on by TPI and WTCA) for pract case pr or to performing these funct ons installers shall prov de temporary brac ng per linices noted otherwise top chord shall have properly attached structural sheathing and bottom shall have a properly attached or give celling. Locat ons shown for permanent lateral restraint shall have a properly attached or give celling.

I'W Build ng Components Group Inc (17MBCC) shall not be respons ble for any dev ation from the any failure to build the truss in conformance with AMSI/TPI 1 or for handing as pping instable to each face of truss and post to nais shown above and on the Ceta is unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. A seal drawing or cover page 1 at night so drawing or cover page 1 at night so drawing in cover page 1 at night so drawing in the componiability for the design shown. The suitability and use of this design for any struck responsibility of the Building Design shown. The suitability and use of this design for any struck responsibility of the design shown. The suitability and use of this design for any struck responsibility of the Building Design per por AMSI/TPI 1 Sec 2 for more information sees the general notes page ITM BCC www.itubeg.com. TPI www.tpinst.org. WTCA www.sbcindustry.com.

AWAITING OF A FOR MORE INTORNATION SEE IN S IOD S 1 WAY TO THE TOTAL OF THE TOTAL O		ngs 160A-Z for standard plate positions. A seal on this Color.	X nana	heath ng and bottom chord w No. 22839	handling shipping installing and bracing Refer to any CENSCOTT TC I ponent Servey information by IPI and WIGA) for safety information and the consocraty bracing non-me RSSI.	dita.	FBC2010Res/TP1-2007(STD) FT/RT=20%(0%)/10(0) 12 03.04 0808 13 QTY:1 FL/-/5/-/-/R/-
CDACING ON ON	DUR.FAC. 1.25	TOT.LD. 37.0 P	BC LL	BC DL	TC DL	TC LL	FL/-/5/
	1.25	37.0	0.0 P	10.0 P	7.0 P	20.0 P	-/-/R/-

01/24/2014

	•	AGUINE.	A Hilli Hilli	191141	H.BILL
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL
24.0"	1.25	37.0 PSF	0.0 PSF	10.0 PSF	7.0 PSF
JREF- 1V3B487 Z02	FROM JMW	SEQN- 340735	HC-ENG JB/WPF	DRW HCUSR9114 14024164	DATE 01/24/14

20.0 PSF

REF

R9114- 69280

Scale = 5"/Ft.

Top Bot Top chord 2x4 SP #1-13B Bot chord 2x4 SP #1-13B Webs 2x4 SP #3-13B Stack Chord SC1 2x4 SP #1-13B

Lumber grades designated with "13B" use design values approved 1/30/2013 by ALSC

requirements See DWGS A12015ENC100212, GBLLETIN0212, & GABRST100212 for more

Stacked top chord must NOT be notched or cut in area (NNL) Dropped top chord braced at 24 o c intervals Attach stacked top chord (SC) to dropped top chord in notchable area using 3x4 tie-plates 24 o c Center plate on stacked/dropped chord interface, plate length perpendicular to chord length Splice top chord in notchable area perpendicular to chord length using 3x6

> 120 mph wind, 15 00 ft mean anywhere in roof, RISK CAT DL=5 0 psf GCpi(+/-)=0 18 n hgt, ASCE ₹ 7-10, wind , CLOSED bldg, TC DL=3 5 psf, Located , wind BC

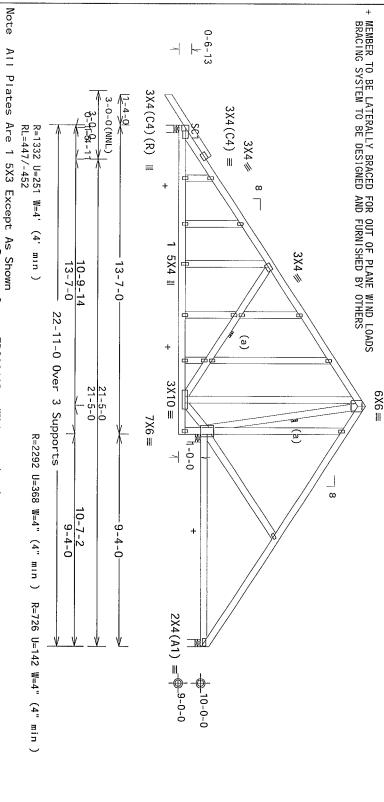
desıgn Wind loads and reactions based on MWFRS with additional C&C member

Truss spaced at 24 0" OC designed to support 2-3-0 top chord outlookers Cladding load shall not exceed 10 00 PSF Top chord must not be cut or notched

(a) Continuous lateral restraint equally spaced on

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

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



PLT TYP

Wave

ITM Building Components Group

I'W Building Components Group Inc. (ITWBCC) shall not be respons bile for any day ation from this design any failure to build the truss in conformance with ANSI/IPI 1 or for handing shipping installation above and on the Jaint Decalls unless moted otherwise. Refer to drawings 180A-Z for standard plate positions. A seal on this drawing or cover page I tar ing this drawing in decayers age of the seal of the foregroup of the design shown. The suitability and use of this design for any structure is the responsibility of the design shown. The suitability and use of this design for any structure is the responsibility of the design shown. The suitability of the design shown the suitability of the design shown.

O'ONAL ENGINE

01/24/2014

SPACING DUR.FAC.

24.0"

JREF-

1V3B487\_Z02

(ORIO

BC LL BC DL TC DL

0.0

PSF

HC-ENG

JB/WPF

10.0 PSF

DRW HCUSR9114 14024202

7.0

PSF

DATE

01/24/14

TOT.LD.

37.0

PSF

SEQN-

341371

1.25

FROM

Trusses require extreme care in fabr cat ng handling shipping install ng and brac ng Refer to an follow the latest edition of BCSI (Building Component Safety Information by IPI and WTGA) for safety pract cas prior to performing these functions installers shall prov de temporary brac ng per BCSI (Building Saneted otherw so top chord shall have properly attached rigid celling Locations shall have a properly attached rigid celling Locations shown for permanent lateral restraint of washall have a properly attached rigid celling Locations shown for permanent lateral restraint of washall have a properly attached rigid celling Locations shown for permanent lateral restraint of washall have a properly attached rigid celling Locations shown for permanent lateral restraint of washall have a properly attached rigid celling.

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

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

Design Crit

FBC2010Res/TP1-2007(STD) FT/RT=20%(0%)/10(0)

12.03.0

QTY:1

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<u>5</u>

-/-/R/-

Scale = .25"/Ft. R9114- 69281

TC LL

20.0 PSF

REF

金田 CENSE

Vo. 22839

ALPINE

Orlando FL, 32837 FL COA #0 278

Lumber grades designated with '13B" use design values approved  $1/30/2013\ \mbox{by ALSC}$ 

(a) Continuous lateral restraint equally spaced on member

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

MWFRS loads based on trusses located at least 15 00 ft from roof

> 120 mph wind, 15 00 within 9 00 ft from wind BC DL=5 0 psf ft mean hgt, ASCE 7-10, roof edge, RISK CAT II, GCp:(+/-)=0 18 CLOSED bldg, not located
>  EXP C, wind TC DL=3 5 ps

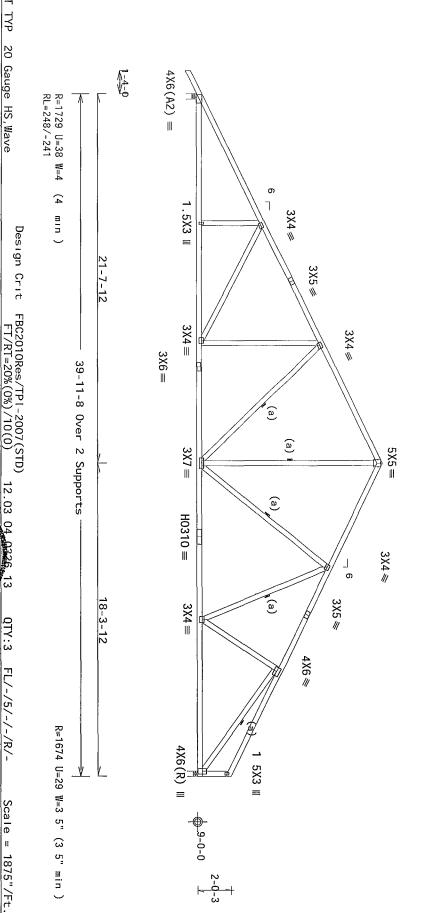
Wind loads and reactions based on MWFRS with additional C&C member

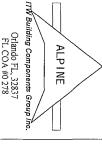
Right end vertical not exposed to wind pressure

design

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

Deflection meets L/240 live and L/180 total load factor for dead load is  $1\ 50$ Creep increase





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

Design Crit

12.03

QTY:3

FL/-/5/-,

20.0 PSF /-/R/-

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R9114- 69282

Scale = 1875"/Ft

PLT TYP

20 Gauge HS, Wave

Trusses require extreme care in fabr cating handling shipping listalling and bracing. Refer to, follow the latest of time of BGSI (Building Component Sefety Information by TPI and WTGA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BGSI (Inless noted otherwise top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached in glocation one shown for permanent lateral restraint of well shall have a properly attached in glocations shall have a properly attached in the shall have a properly attached the GSI sections 83 B7 or B10 as applicable.

ITW Building Components Group Inc. (ITWBCG) shall any fa lure to build the truss in conformance with A brace of trusses. Apply plates to each face of trusses is motes often was Refer to drawing or cover page listing this drawing indicates to provide the provided provided the provided provided the provided pr

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01/24/2014	No. of the last of	CHE IN	ER Susanu	**************************************	ини Э	S S S S S S S S S S S S S S S S S S S
	SPACING	DUR.FAC.	TOT.LD	BC LL	BC DL	TC DL
	24 0"	1.25	37.0 PSF	0.0 PSF	10.0 PSF	7.0 PSF
	JREF- 1V3B487_Z02	FROM JMW	SEQN- 346486	HC-ENG JB/WPF	DRW HCUSR9114 14024165	DATE 01/24/14

Top chord 2x4
chord 2x4
Webs 2x4 4 SP #1-13B 4 SP #1-13B 4 SP #3-13B

Lumber grades designated with 1/30/2013 by ALSC 13B' use design values approved

(a) Continuous lateral restraint equally spaced on

Truss passed check for 20 psf additional bottom chord live load areas with 42 -high  $\times\ 24$  -wide clearance

Deflection meets  $L/240\,$  live and  $L/180\,$  total factor for dead load is 1 50 load Creep increase

MWFRS loads based on trusses located at least  $15\,$  edge 8 ft from roof

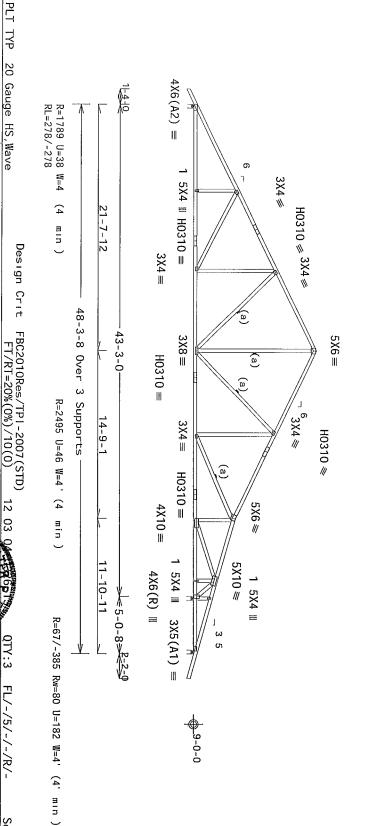
> Negative reaction(s) of -385# MAX case requires uplift connection (See below) from a non-wind load

120 mph wind, 15 00 ft mean hgt, ASCE 7-10, CLOSED bidg, within 13 00 ft from roof edge, RISK CAT II, EXP C, wind psf, wind BC DL=5 0 psf GCp:(+/-)=0 18 not located TC DL=3 5

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

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

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



ITM Building Components Group Orlando FL, 32837 FL COA #0 278 ALPINE

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

20 Gauge HS, Wave

Trussos roqu no extreme care in fabr cat mg handling shipping installing and bracing Refer to an follow the latest edition of BCSI (Building Component Safety Information by TPI and WTCA) for safety practices prior to performing these functions installers shall provide temporary bracing per BCSI will liness noted otherwise top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached ing dio call on shall have a properly statemed in a color of the case of the c

ITW Bu id in Components Group inc (ITWBCG) shall not be respons ble for any deviation from this design year inverted but id the truss in conformance with ANSI/TPI i or for handling shipping installation bracing of trussess. Apply places to each face of truss and post to mas shown above and on the Joint Details unless naced otherwise. Refer to drawings 160A-Z for estandard place post ons. A seal on the drawing or cover page listing this drawing in decision acceptance of profess on an engineer in response bity solely for the design shown. The suitability and use of this does gin from any structure in the response bity of the Bull dig Designor per ANSI/TPI 1 Sec 2. For more information see. This job general notes page. ITW BCG www.itubog.com. TPI www.tpinstorg.WTCA www.sbc.ndustry.com. Structure is This job s

12 င္သ 199 84 CENSE CORIO io. 22839 JANO ATE OF 01/24/20 QTY:3 ರ FL/-/5/-/-/R/-

F

20.0 PSF

REF

69283

Scale = .125"/Ft R9114-

)]4   5			Nest Elist		HULL
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL
24.0"	1.25	37.0 PSF	0.0 PSF	10.0 PSF	7 0 PSF
JREF- 1V3B487_Z02	FROM JMW	SEQN- 341713	HC-ENG JB/WPF	DRW HCUSR9114 14024166	DATE 01/24/14

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP #1-13B #1-13B #3-13B B1 ₩2, 2x4 SP 2850f-2 3E W15 2x4 SP #2-13B

> case requires Negative reaction(s)

uplift

connection of -483# MAX

(See

below)

from

Ø

non-wind

load

Lumber grades designated 1/30/2013 by ALSC ۳ıth "13B' use design values approved

From From From From From From From From Lumber 556 | 556 | 556 | 120 | 20 | 20 | 20 | 20 | 20 | 4 plf; 4 4 4 6 4 4 p p f f ic =1 25 / 33 at 2-1 33 et 2-1 33 et 36 et 36 et -1 33 et 10 00 et at 11 00 et at 11 00 et at 13 0 17 et 48 29 Plate t t t t t t t t t t t 3 Dur 56 pl 55 pl 20 p 120 r 20 r 20 r 20 r 20 r 36 50 11 11 50 11 11 50 25) 40 46 100 33 00 17 29

Wind loads and reactions based on MWFRS

Special loads

120 mph wind, within 13 00 f psf, wind BC D , 15 00 ft mean hgt, ASCE 7-10, CLOSED bidg, ft from roof edge, RISK CAT II, EXP C, wind DL=5 0 psf GCpi(+/-)=0 18 not located TC DL=3 5

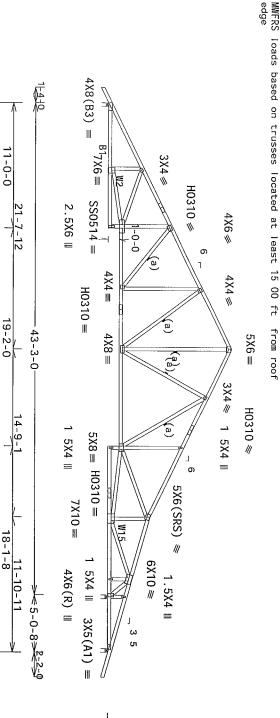
due to dead load Calculated horizontal deflection is 0 12" due ţ i ıve load and 0 15

(a) Continuous lateral restraint equally spaced 9 member

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

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

Special care must be taken during handling, of trusses See "WARNING" note below installation contractor shipping and installat and installation



20 Gauge Wave R=2576 U=185 W=4 RL=278/-278 HS, 18 Gauge ĸ, 4 m 12 Design Crit 48-3-8 R=2669 U=68 W=4 FBC2010Res/TP1-2007(STD) FT/RT=20%(0%)/10(0) 0ver ω Supports (4 min)

\*\*

R=24/-484

Rw=72 U=220 W=4"

(4" min

20.0

PSF

Scale = .125"/Ft.

R9114-

69284

7.0 PSF

DATE REF

01/24/14

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

PLT

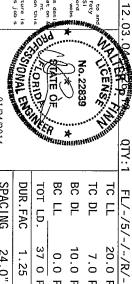
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ITW Build no Components Group inc (ITWEGO) shall not be responsible for any deviation from this deal any failure to be id the trust in conformance with ABSI/TPI 1 or any deviation from this deal brace of trust and provide any shalp no installant on ABSI/TPI 1 or any of trustees. Apply plates to cooke from of trust and pass and pass are not been any on the John to the Component of the Component Trusses require extreme care in fabr cating handing shipping installing and bracing Refer to an follow the latest edition of BCSI (Building Component Safety Information by FPI and WTCA) for safety practices prior to performing these functions. Installiers shall provide temporary bracing per BCSI fulloss noted otherwise top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached ing dice of ing Locations shaum for permanent interal restraint of websits have a properly attached ing dice of ing Locations shaum for permanent the safety of the shall have a properly attached ing dice of ing Locations shaulthough the permanent shall have bracing installed per BCSI sections 83. 87 or B10 as applicable.

ITW Building Components Group

ALPINE

Orlando FL, 32837 FL COA #0 278



01/24/2014 SPACING

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PSF

SEQN-

344216

. 25

FROM

0.0 10.0 PSF

PSF

HC-ENG

JB/WPF

DRW HCUSR9114 14024203

24.0"

JREF-

1V3B487\_Z02

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP #1-13B #1-13B #3-13B

Lumber grades designated with 1/30/2013 by ALSC "13B" use design values approved

Continuous lateral restraint equally spaced on member

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

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

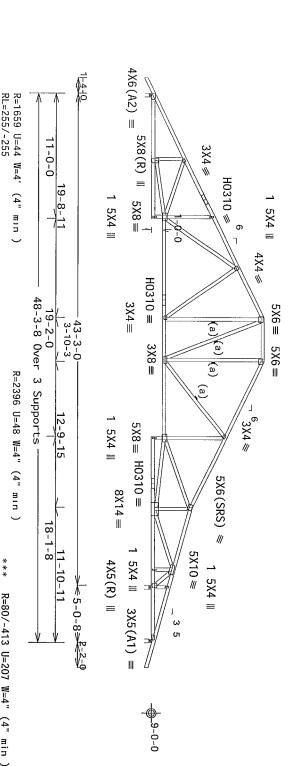
Negative reaction(s) of -413# MAX case requires uplift connection (See below) from a non-wind load

120 mph wind, 15 00 ft mean hgt, ASCE 7-10, CLOSED bidg, within 13 00 ft from roof edge, RISK CAT II, EXP C, wind psf, wind BC DL=5 0 psf GCpi(+/-)=0 18 not located TC DL=3 5

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

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

MWFRS loads based on trusses located at least <u>ე</u> 8 ft



PLT TYP ITW Building Components Group Orlando FL, 32837 FL COA #0 278 ALPINE 20 Gauge HS , Wave I'M Bu id in Components Group Inc. (ITMBCG) shall not be respons ble for any deviation from this design any failure to bu id the trues a conformance with AMS//PPI or for handling shipping installation but may for truesses Apply place & consideration from the same position as shown above and on the Joint Details union to the same properties of the same position as shown above and on the Joint Details union to the same properties and position past of the same position and professional on the same position and professional on the same position and professional on general responsibility for the design shown The suice in Joint and use of this design for any structure the responsibility of the Bull iding Designer par AMS/JPI 15cc 2 for more infromation see This job general notes page ITM BCC www ittnoop com TPI www.tpinstorg.WTCA www.sec.com. Trusses require extreme care in fabricating handling also ping its ling and brick in Refer to a folior to a state of the office of the fact of the fac shall have bracing installed per BCSI sections 83-87 or 810-as applicable \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS FBC2010Res/TPI-2007(STD) FT/RT=20%(0%)/10(0) 12. င္သ CENS No. 22839 ORION Banks BC LL BC DL TC DL TC LL SPACING DUR.FAC. TOT.LD FL/-/5/-/-/R/-37 0 24.0" 1.25 0 0 10.0 PSF 20.0 PSF 7.0 PSF PSF PSF

01/24/2014

FROM

JREF-

1V3B487\_Z02

HC-ENG

JB/WPF

SEQN-

341703

DRW HCUSR9114 14024167

Design Crit

\* \*

R=80/-413 U=207 W=4"

(4" min

DATE REF

01/24/14

Scale = .125"/Ft.

R9114- 69285

Top chord 2x4 SP #1-13B Bot chord 2x4 SP #1-13B

Lumber grades designated 1/30/2013 by ALSC with 13B esn design values approved

Bottom chord checked for 10 8 psf non-concurrent live load

> 120 mph wind, 15 00 ft mean anywhere in roof, RISK CAT I DL=5 0 psf GCpi(+/-)=0 18 n hgt, ASCE 7-10, wind TC DL=3 ) bldg, l } 5 psf, Located , wind BC

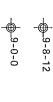
Wind loads and reactions based on MWFRS with additional C&C member

desıgn

Deflection meets L/240 live factor for dead load is 1 50 and L/180 total load Creep increase

R=-8 Rw=16 U=16 (1 5" min )







R=16 Rw=18 U=7

(1 5

III II

**1-4-0**≥ 1-4-3 Over 3 Supports

R=192 U=45 W=4 RL=32/-22 4 m n

PLT ΤĄ Wave

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

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

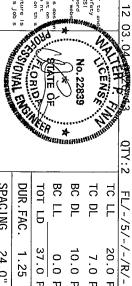
Trusses require extreme care in fabricating handling shipping installing and bracing Refer to a follow the latest edition of BSSI (Building Seapenent Safety Information by IPI) and WTGA) for safety practices prior to perform any these functions. Installars shall provide temporary bracing per BSSI billioss noted otherwise top chord shall have properly attended structural shearthing and bottom chord shall have a properly attended rigid cost inglications shown for permanent lateral restraint of webs shall have a properly attended rigid cost inglications shown for permanent lateral restraint of webs shall have a properly attended rigid cost inglications shown for permanent lateral restraint of webs shall have a properly attended rigid cost inglications.

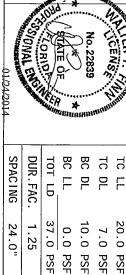
I'W Bu Iding Components Group Inc. (17WBCG) shall not be respons ble for any deviation from this design y failure to build the truss in conformance with AMSI/TPI 1 or for handling ship ping. Installation bracing of trusses. Apply plates to each face of truss and position as shown above and on the Joint Details unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. A seal on the drawing or cover page itsift giths drawing indicates acceptance of profess onal long near no respons be try solicly for the design shown. The suitability and use of this dos gif for any structure is the respons to 1 ty of the Building Designer per AMSI/TPI 1 Sec 2. For more information see This job general notes page. I'W BCG www. trabeg.com. TPI www.tpinst.org. WTCA www.stc.ndustry.com. structure is This job s

ITW Building Components Group

ALPINE

Orlando FL, 32837 FL COA #0 278





PSF PSF

HC-ENG

JB/WPF

SEQN-

340705

FROM

JREF- 1V3B487\_Z02

PSF

REF

R9114- 69286

Scale =

5"/Ft

DATE

01/24/14

DRW HCUSR9114 14024168

Top chord Bot chord 2x4 SP #1-13B 2x4 SP #1-13B

Lumber grades designated with 1/30/2013 by ALSC 13B" esn design values approved

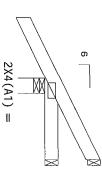
Bottom chord checked for 10 00 psf non-concurrent live load

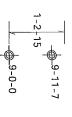
120 mph wind, 15 00 ft mean anywhere in roof, RISK CAT DL=5 0 psf GCp:(+/-)=0 18 n hgt, ASCE 7-10, CLOSED II, EXP C, wind TC DL=3 5 psf, , Located f, wind BC

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

Deflection meets L/240 live and L/180 total load factor for dead load is 1 50  $\,$ Creep increase

R=15 U=8 (1 5' min )





R=26 U=4 (1 5 n m

1-4-0¥ 1-9-8 Over 3 Supports

 $R=194\ U=39\ W=4\ (4\ min\ )$  RL=38/-23Design Crit FBC2010Res/TPI-2007(STD) FT/RT=20%(0%)/10(0)

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

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Wave

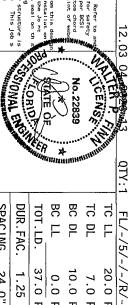
Trusses require extreme care in fabricating handing shipping installing and bracking Refer to a follow the latest et are no of BCSI (Building Component Safety Information by TPI) and WTGA) for safety practices prior to performing these functions. Install less shall provide temporary bracking per BCSI (Blucos noted otherwise top chord shall have properly attached in a properly statement structural sheathing and bottom chord shall have a properly attached in a Coast consistency for permanent lateral restraint of webs shall have a properly attached in a Coast consistency consistency of properly attached or BCSI sections 850 BT or B10 as applicable.

ITW But Iding Components Group Inc. (ITWEGD) shall not be respons bit for any daw at on from this deal any far lure to shall due trusts in conformation with ISIS(ITP) Inc. for handing shaping metalliat on bracking of trustees shaping plates are osent face of trust and position as showing above, one of the Decu is unless exceed observation. Before to dealing 1809-2 for examinary plates one of a seal on the dealing one cover page insting this drawing indicates acceptance of profess one of any structure response bits solve for the dealing shown. The substitity and use of this dealing is not one the response bit solve for the Building Designer per AMSI/TP I Sec 2. For more information see This Job the response bits of the solve for the so

ITW Building Components Group

ALPINE

Orlando FL, 32837 FL COA #0 278



LICTIFUL	01/04/0014	EE.	NE EFF	N X	IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	mann S
	SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL
	24.0"	1.25	37.0 PSF	0.0 PSF	10.0 PSF	7.0 PSF
	JREF- 1V3B487_Z02	FROM JMW	SEQN- 340745	HC-ENG JB/WPF	DRW HCUSR9114 14024169	DATE 01/24/14

20.0 PSF

REF

69287

Scale =.5"/Ft. R9114-

Top chord 2x4 SP #1-13B Bot chord 2x4 SP #1-13B

Lumber grades designated with 1/30/2013 by ALSC "13B ' use design values approved

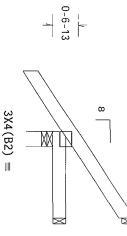
Bottom chord checked for 10 00 psf non-concurrent live load

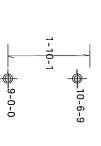
120 mph wind, 15 00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=3 5 psf, wind BC DL=5 0 psf GCpr(+/-)=0 18

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

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

R=25 U=17 (1 5 min)





R=34 U=0 (1 5' min )

1-4-0> 1-10-14 Over 3 Supports R=190 U=29 W=4 (4" min ) RL=52/-36

PLT\_TYP Wave

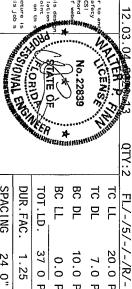
Design Crit FBC2010Res/TPI-2007(STD) FT/RT=20%(0%)/10(0)

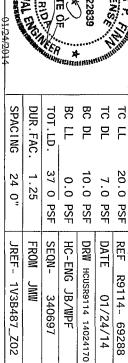
Trussos require extrema care in fabr cating handling shipping installing and bracing Refer to a follow the latest edition of BOSI (Building Component Safety) Information by TPI and WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI blinkess noted otherwise top chord shall have properly attended structural sheathing and bottom chord shall have a properly attended rigid on ing. Locations shown for permanent lateral restraint of webs shall have a properly attended rigid on the control of the permanent co · IMPORTANT · · \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

ITW But it ing Components Group Inc. (ITWECC) shall not be respons bit for any deviation from this days failure to build the truss in conformance with ANSI/TPI 1 or for handling shipping installated 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 shate positions. A seal on drawing or cover page I stiff this drawing ind cates acceptance of profess and engineering respons be I ty of the days go shown. The suitability and use of this day for any structure the draypons be I ty of the day go shown. The suitability and use of this day for any structure the draypons be I ty of the day go shown. The suitability and use of this day for any structure the draypons be I ty of the day in diago Des gene per ANSI/TPI 1 Sec. 2. For more information seen. This jumes in other pages. The profess and the day of the day o

ITW Building Components Group Orlando FL, 32837 FL COA #0 278

ALPINE





JB/WPF

340697

Scale = .5"/Ft.

01/24/14

Top chord 2x4 SP #1-13B Bot chord 2x4 SP #1-13B

Lumber grades designated with 1/30/2013 by ALSC 13B ' esn design values

approved

desıgn

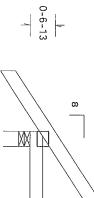
Bottom chord checked for 10 00 psf non-concurrent live load

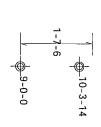
120 mph wind, 15 00 ft mean anywhere in roof, RISK CAT I DL=5 0 psf GCpi(+/-)=0 18 i hgt, ASCE 7-10, II, EXP C, wind 1 TC DL=3 5 psf, wind BC

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

Deflection meets L/240 live and L/180 total load factor for dead load is 1 50  $\,$ Creep increase

R=10 Rw=14 U=11 (1 5 min)





R=27 U=0 (1 5' min )

3X4(B2) =

**1-4-0**→ 1-6-14 Over 3 Supports

R=184 U=31 W=4 (4' mın )

ALPINE

ITW Building Components Group

Orlando FL, 32837 FL COA #0 278

PLT TYP

Wave

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

Design Crit

FBC2010Res/TP1-2007(STD) FT/RT=20%(0%)/10(0)

12.03

QTY:1

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

20.0 PSF

REF

R9114- 69289

Scale = .5"/Ft.

Trusses require extreme care in fabricating banding ast pping installing and bracing Refer to a follow the latest edition of 8031 (Building Component Safety Information by TPI and WTCA) for safety practices prior to performing those functions installars shall provide temporary bracing per BCSI lities noted otherwise top chord shall have properly attended structural shaathing and bottom chord shall have a properly attended rigid out ing. Locations shown for permanent ateral restraint of wed shall have a properly attended of pid out ing.

ITW Building Components Group Inc. (ITWBCC) shall not be responsible for any deviation from this do any fallure to build the truss in conformance with ANSI/IPI 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 Doctal is unless noted otherwise. Rofer to drawings 160A-17 or standard plate positions. A scal on the drawing or coverings of the drawing of covering government of the drawing of covering the positions of the date of the d

CENSE CORNO! TC DL TC LF

01/24/2014

BC DL BC LL SPACING DUR.FAC. TOT LD. 37.0 1.25 10.0 PSF 24.0" 0.0 PSF 7.0 PSF PSF FROM DATE DRW HCUSR9114 14024171 SEQN-HC-ENG JREF- 1V3B487\_Z02 JB/WPF 340711 01/24/14

Top chord 2x4 SP #1-13B Bot chord 2x4 SP #1-13B

Lumber grades designated 1/30/2013 by ALSC wıth '13B use desıgn values

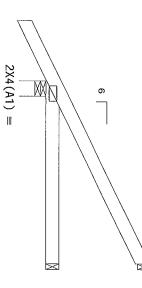
Bottom chord checked for 10 00 psf non-concurrent live load

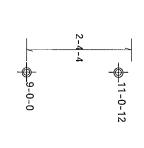
120 mph wind, 15 00 ft mean anywhere in roof, RISK CAT DL=5 0 psf GCpi(+/-)=0 18 n hgt, ASCE 7-10, II, EXP C, wind CLOSED bldg, TC DL=3 5 psf, Located , wind BC

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

Deflection meets  $L/240\,$  live and  $L/180\,$  total load factor for dead load is 1  $50\,$ Creep increase

R=89 U=35 7 ຜຼ min)

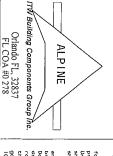




R=70 U=0 (1 5' min )

**←**1-4-0→ 4-0-3 Over

R=255 U=38 W=4 Design Crit FBC2010Res/TPI-2007(STD) FT/RT=20%(0%)/10(0) (4 min) 3 Supports →



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

12.03.04

Scale =.5"/Ft.

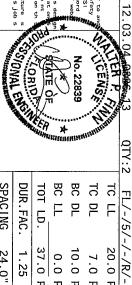
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Trusses require extreme care in fabr cating handling shipping installing and bracing Refer to an follow the latest edition of BCSI (Building Component Safety Information on by TPI and WTCA) for safety practices prior to performing these functions installiers shall provide temponary bracing per BCSI will have properly attended the provided shall have properly attended structural shoathing and bottom chord shall have a properly attended rigid on ing. Locations shown for permanent lateral restraint of websits have a properly attended rigid on ing.

ITW But id ing Components Group Inc. (ITWECC) shall not be respons ble for any deviation from this decision from the sign of trusses. Apply places to excent face of truss and position as shown above and on the Joint Decta is unless noted otherwise. Refer to drawings ISDA-Z for standard plate position in the Joint drawing or cover page listing this drawing indicates acceptance of professional lang near my creations believe the design shown. The suitability and use of this does in for any structure the responsibility of the design shown. The suitability and use of this does in the design shown the suitability and use of the design shown. The suitability and use of this does in the design shown the suitability and use of this does in the suitability of the design shown. The suitability and use of this does in the suitability of the design shown. The suitability and use of this does my suitability of the design shown. The suitability and use of this does my suitability of the design shown the suitability of the suitability of the design shown the suitability and use of this solution.



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SPACING	DUR.FAC.	TOT LD.	BC LT	BC DL	TC DL	וכ רר
24.0"	1.25	37.0 PSF	0.0 PSF	10.0 PSF	7.0 PSF	20.0 PSF
JREF- 1V3B487_Z02	FROM JMW	SEQN- 340733	HC-ENG JB/WPF	DRW HCUSR9114 14024172	DATE 01/24/14	REF R9114- 69290

Lumber grades designated with '13B" 1/30/2013 by ALSC use design values approved

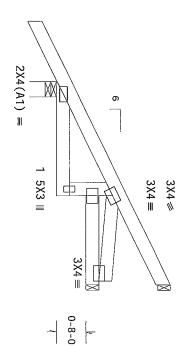
Bottom chord checked for 10 00 psf non-concurrent live load

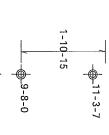
120 mph wind, 15 00 ft mean anywhere in roof, RISK CAT | DL=5 0 psf GCp:(+/-)=0 18 i hgt, ASCE 7-10, 11, EXP C, wind T TC DL=3 5 psf, wind BC

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

Deflection meets L/240 live and L/180 total load factor for dead load is 1 50  $\,$ Creep increase

R=63 U=23 (1 5" min )





9-0-0

R=90 U=13 (1 5" min )

1-4-0→

4-5-8 Over 2-6-0 ω Supports 1-11-8

R=270 U=39 W=4 RL=70/-30 (4 min)

ITW Building Components Group Orlando FL, 32837 FL COA #0 278 ALPINE

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

Design Crit

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

12.03

QTY:1

FL/-/5/-,

TC LL

20.0 PSF /-/R/-

REF

Scale =.5"/Ft. R9114- 69291

DATE

01/24/14

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ΤYP

Wave

· · IMPORTANT · ·

Trusses require extreme care in fabricating bandling shipping instaining and breating Refer to follow the latest edition of BCSI (Building Component Safety Information by TPI and WTCA) for safety practices prior to performing these functions: installers shall provide temporary breating per BCSI blicks moted otherwise top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid colling locations shown for permanent lateral restraint of web shall have a properly attached rigid colling locations shown for permanent lateral restraint of web shall have a properly attached rigid colling locations shown for permanent lateral restraint of web shall have a properly attached rigid colling locations shown for permanent lateral restraint of web shall have a properly attached per BCSI sections 83 B7 or B10 as applicable.

ITW But id ing Components, Group inc. (ITWEOD) shall not be response be for any deviation from this draw far limit to trust in conformance with MSI/TPI I are for handing at high of scalaritation bracking of trussees. Apply plates to each face of truss and positions shown above and in the lonk braining of trussees. Apply plates to each face of truss and positions above and in the lonk braining in the most of the plate positions are shown above and in the lonk braining in the most of the sound in the lonk braining in the most of the sound and plate position and are for sound and plate positions are for the sound and plate plate in the most position in the plate in the plate pla IIW-BCG

ORIO

CENS Vo. 22839 BC LL BC DL DUR.FAC. TC DL SPACING TOT.LD 37.0 PSF 10.0 PSF 0.0 PSF 7.0 PSF

SEQN-

HC-ENG

JB/WPF 340747

DRW HCUSR9114 14024173

24.0" 1.25 FROM JREF- 1V3B487\_Z02 

Top chord 2x4 SP #1-13B Bot chord 2x4 SP #1-13B

Lumber grades designated with 1/30/2013 by ALSC 13B use design values approved

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

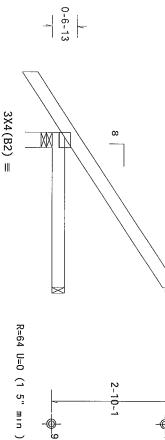
120 mph wind, 15 00 ft mean anywhere in roof, RISK CAT I DL=5 0 psf GCpi(+/-)=0 18 in hgt, ASCE 7-10, wind TC DL=3 5 psf, wind BC

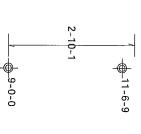
Wind loads and reactions based on MWFRS with additional C&C member

desıgn

Deflection meets L/240 live and L/180 total load factor for dead load is 1 50  $\,$ Creep increase

R=78 U=40 (1 5 min )





**←**1-4-0> 3 4 14 Over 3 Supports >

 $R=233\ U=24\ W=4\ (4'\ min\ )$  RL=76/-43Design Crit FBC2010Res/TP1-2007(STD) FT/RT=20%(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 fabr cating handing shipping installing and bracing Refer to an follow the latest edition of BCSI (Building Component Safety Information by TPI and BTCA) for safety practices prior to performing these functions installiers shall provide temporary bracing per BCSI will bliess need otherwise top chord shall have properly attached structures sheathing and bettom chord shall have a properly attached of gid on ingliciations shown for permanent lateral restraint of websites that have a properly attached of gid on ingliciations shown for permanent lateral restraint of websites and have a properly attached of gid on ingliciations shown for permanent lateral restraint of websites and the permanent shall have a properly attached or BCSI sections 83 87 or 810 as applicable

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ALPINE

ITW Building Components Group

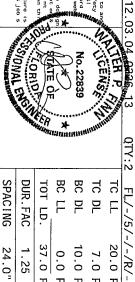
Orlando FL, 32837 FL COA #0 278

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ITW Bull of Gomponents Group inc (ITWBCD) shall not be respons ble for any deviation from this dollars any failure to build the truss in conformance with AUSI/TPI 1 or for handling shipping installation bereing of trusses. Apply places to each face of truss and post on as shown above and on the Joint botal is unless morced otherwise. Refer to drawing 160A.2 for estandard plate post on a A seal on the drawing or cover page I sting this drawing indicates acceptance of profess onal ong neoring respons bit by solely for the day an shown. The suitablity and use of this dos gifter any structure the respons bit by of the Building Designer per ANSI/TPI 1 Sec 2 for more information see. This jot general notes page ITW BCG www itches com ITPI www. tpinst org. WTCA www.abc.ndustry.com



01/24/2014		ENGL	O CHARLES AND	 *******************************	(41)14 (2)	uning.
	SPACING	DUR.FAC	TOT LD.	BC LL	BC DL	TC DL
	24.0"	1.25	37.0 PSF	0.0 PSF	10.0 PSF	7.0 PSF
	JREF- 1V3B487_Z02	FROM JWW	SEQN- 340727	HC-ENG JB/WPF	DRW HCUSR9114 14024174	DATE 01/24/14

20.0

PSF

REF

R9114- 69292

Scale =.5"/Ft

Lumber grades designated 1/30/2013 by ALSC with "13B' use design values approved

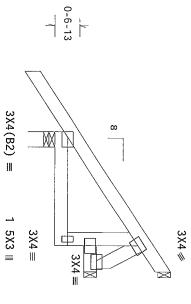
Bottom chord checked for 10 00 psf non-concurrent live load

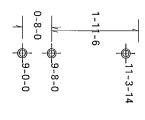
120 mph wind, 15 00 ft mean anywhere in roof, RISK CAT I DL=5 0 psf GCpi(+/-)=0 18 n hgt, ASCE 7-10, CLOSED bldg, Located II, EXP C, wind TC DL=3 5 psf, wind BC

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

Deflection meets L/240 live and L/180 total load factor for dead load is 1  $50\,$ Creep increase

R=17 U=6 (1 5" min )





1-4-0→

R=79 U=29 (1 5" min )

 $R=222\ U=25\ W=4'\ (4"\ min\ )$  RL=71/-413-0-14<sup>2</sup>0ver 3 Suppores 4

ITW Building Components Group Orlando FL, 32837 FL COA #0 278 ALPINE - IMPORTANT - -

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\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS Design Crit FBC2010Res/TPI-2007(STD) FT/RT=20%(0%)/10(0)

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

DATE

01/24/14

REF R9114- 69293

Scale = 5"/Ft.

DRW HCUSR9114 14024175

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Trusses require extreme care in fabr cating handling shipping installing and bracing Refer to an follow the latest ed to an of BCSI (80 iding Component Safety Information by TPI and WTCA) for safety practices prior to performing those functions. Installier's shall provide temporary bracing per BCSI (Micros noted otherwise top chord shall have properly attached in glocal consistency of the properly attached to glocal consistency in the properly

ITW But in to Components Group Inc. (ITWECG) shall not be respons to far any daw at on from this any failure to but d'the truss in conformance with AMSI/TPI 1 or for handing supplying the braicing of trusses. Apply places to each feece of truss and position as abnormal supplying the braicing of the supplying the property of the feece of truss and position as abnormal supplying the braicing of the supplying the property of the feet of the supplying the supplyin



01/24/2014	THE PROPERTY OF THE PARTY OF TH	S/ONAL STORY	THE OF LEASE	A NAME OF THE PARTY OF THE PART	No. 22839	CENS	TER P. CARRE
	SPACING	DUR.FAC.	TOT.LD.	BC LT	BC DL	TC DL	TC LL
	24.0"	1 25	37 0 PSF	0 0 PSF	10.0 PSF	7 0 PSF	20.0 PSF

FROM

JREF- 1V3B487\_Z02

SEQN-

340701

HC-ENG

JB/WPF

Top chord 2x4 SP #1-13B Bot chord 2x4 SP #1-13B

Lumber grades designated 1/30/2013 by ALSC with "13B use design values approved

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

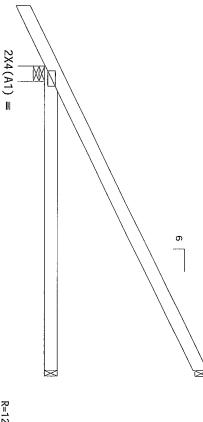
120 mph wind, 15 00 within 4 50 ft from wind BC DL=5 0 psf ft mean hgt, ASCE 7-10, roof edge, RISK CAT II, GCpi(+/-)=0 18 CLOSED bldg, EXP C, wind TC DL=3 5 psi psf

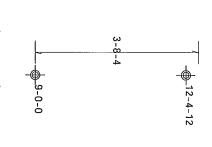
Wind loads and reactions based on MWFRS with additional C&C member

design

Deflection meets L/240 live and L/180 total load factor for dead load is 1 50Creep increase

R=161 U=62 (1 5" min )





R=121 U=0 (1 5" min )

1-4-0>

6-8-3 Over 3 Supports

R=348 U=45 W=4 RL=97/-36 (4' min )

Building Components Group Orlando FL, 32837 FL COA #0 278 ALPINE

> IMPORTANT\*\* \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS Design Crit FBC2010Res/TPI-2007(STD) FT/RT=20%(0%)/10(0)

> > 12.03 04

QTY:2

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

20 0 PSF

REF

R9114- 69294

Scale = 5"/Ft.

7.0 PSF

DATE

01/24/14

PLT TYP.

Wave

Trusses require extreme care in fabricating thanking shipping installing and bracking Refer to an follow the latest edition of BCSI (Building Component Safety Information by TPI and BTCs) for safety practices prior to performing these functions. Installiers shall provide temporary bracking per BCSI will be provided to the property attacked that have properly attached structural shauthing and bottom chord shall have a properly attacked to determine the properly attacked to the consistence of the consist

This job



BC DL DUR FAC. BC LL TC DL TC LL T0T.LD

SPACING 1.25 O. FROM JREF-1V3B487\_Z02

37 0

PSF

SEQN-

340673

10 0 PSF

DRW HCUSR9114 14024176

0 0 PSF

HC-ENG

JB/WPF

01/24/2014

Lumber grades designated with "13B 1/30/2013 by ALSC use design values approved

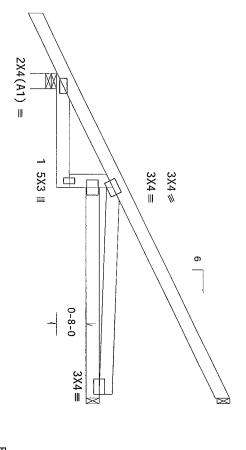
Bottom chord checked for 10 8 psf non-concurrent live load

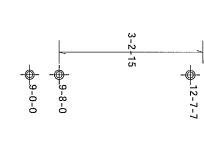
> 120 mph wind, 15 00 within 4 50 ft from wind BC DL=5 0 psf ft mean hgt, ASCE 7-10, roof edge, RISK CAT II, GCpi(+/-)=0 18 CLOSED bldg, not located EXP C, wind TC DL=3 5 psf,

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

Deflection meets L/240 live and L/180 total load factor for dead load is 1  $50\,$ Creep increase

R=125 U=48 (1 5" 





R=149 U=14 (1 5" min )

## k=1-4-0⇒

R=365 U=45 W=4 RL=103/-37	2-6-0
(4 min)	7-1-8 Over 3 Supports

\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET FT/RT=20%(0%)/10(0)

Design Crit

FBC2010Res/TP1-2007(STD)

TYP

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Trusses roquing extreme care in fabricating handing shipping installing and bracking Refor to a follow the latest edition of 8631 (Building Component Safety Information by TPI and WTCA) for safety practices prior to performing these functions. Installers shall provide temperary bracing per 8631 (bliess noted otherwise top chord shall have properly attended significant shall have a properly attended rigid took ones shown for permanent lateral restraint of webs shall have a properly attended rigid took ones shown for permanent lateral restraint of webs shall have a properly attended rigid took ones shown for permanent lateral restraint of webs shall have a properly attended rigid took ones shown for permanent lateral restraint of webs shall have a properly attended rigid took.

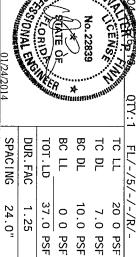
ITW Building Components Group Inc. (ITWBCG) shall not be respons blo for any deviation from this doss any failure to build the truss in conformance with AMSI/MPI 1 or for handling shipping installation brace ing of trusses. Apply plates to each face of truss and post coin as shown above and on the John Coca is unless noticed otherwise. Refer to drawings 160A-Z for standard plate post to mis. A seal on this drawing or cover page 1 st might be drawing and cates acceptance of profession and leng needing response bility solidly for the design shown. The suitability and use of this design for any structure is the responsibility of the bill iding Designor per AMSI/MPI 1 Sec. 2 for more information see. This job general notes page 11M BCG www. twiceg.com. TPI www.tp.nst.org. WTCA www.sbc.ndustry.com.

ITW Building Components Group

ALPINE

Orlando FL, 32837 FL COA #0 278





7	DUR.FAC	1.25	FROM	MM
2014	SPACING	24.0"	JREF-	1V3B487

\_Z02

PSF PSF

SEQN-HC-ENG

340693

PSF

R9114- 69295

Scale =

5"/Ft

DATE REF

01/24/14

DRW HCUSR9114 14024177

JB/WPF

Top chord 2x4 SP #1-13B Bot chord 2x4 SP #1-13B

Lumber grades designated with 1/30/2013 by ALSC 13B use design values approved

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

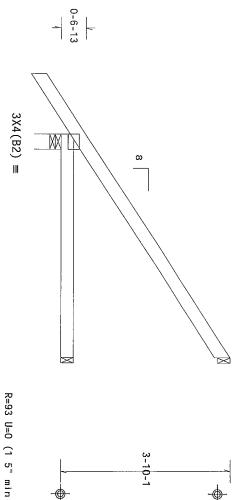
MWFRS loads based on trusses located at least 7 50 ft from roof edge

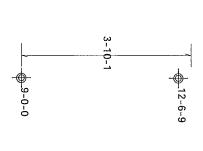
120 mph wind, 15 00 within 4 50 ft from wind BC DL=5 0 psf ft mean hgt, ASCE 7-10, roof edge, RISK CAT 11, GCpi(+/-)=0 18 CLOSED bldg EXP C, wind TC DL=3 5 psi psf

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

Deflection meets L/240 live and L/180 total load factor for dead load is 1 50Creep increase

R=122 U=59 (1 5" min)





R=285 U=23 W=4 RL=100/-50 4-10-14 Over 3 Supports --(4 min)

1-4-0-×

ITW Building Components Group Orlando FL, 32837 FL COA #0 278 ALPINE

> IMPORTANT \*\* \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS FBC2010Res/TPI-2007 (STD) FT/RT=20%(0%)/10(0)

Design Crit

PLT TYP

Wave

Trusses require extreme care in fabr cating handing shipping installing and bracing Refer to an follow the latest edition of BCSI (Building Component Safety Information on by TPI and MTCA) for safety practices prior to performing these functions. Installiers shall provide temporary bracing por BCSI litilises noted otherwise top chord shall have properly attended structural shall have a properly attended of did of ing. Locations shall have a properly attended the did not shall have a properly because the did n

ITW Bull dien Componente Group Inc. (ITWBGD) shall not be responsible for any deviation from this desilable for lune to build the cruss in conformance with MSS/TPI 13 or for handing with paring installation because of the many fine the build because of the many fine the build because the many fine the building Dos given The acress because the many fine to the dosign amount. The acress because the many fine the building Dos given the many fine the many fine the building Dos given the many fine the building Dos given the many fine the many fine the building Dos given the many fine the building Dos given the many fine the many fi The jobs



37.0

PSF

FROM SEQN-HC-ENG

24.0" 1.25

JREF-

1V3B487\_Z02

10.0 PSF

DRW HCUSR9114 14024178

JB/WPF

340665

0.0 PSF

/-/R/-

Scale =

5"/Ft.

R9114- 69296

20 0 PSF

7.0 PSF

DATE REF

01/24/14

Lumber grades designated with '13B" use design values approved  $1/30/2013\ \mbox{by ALSC}$ 

Bottom chord checked for 10 00 psf non-concurrent live

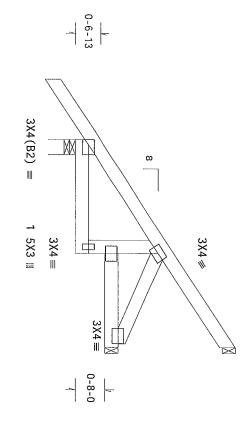
MWFRS loads based on trusses located at least 7 50 ft from roof edge

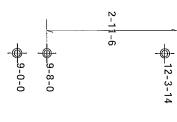
120 mph wind, 15 00 ft mean hgt, ASCE 7-10, within 4 50 ft from roof edge, RISK CAT II, wind BC DL=5 0 psf GCpi(+/-)=0 18 CLOSED bidg, not located EXP C, wind TC DL=3 5 psf.

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

Deflection meets L/240 live and L/180 total load factor for dead load is 1 50  $\,$ Creep increase

R=60 U=25 (1 5" min )





R=102 U=24 (1 5"

**1-4-0**≥

4-6-14 Over 3 Supports 2-6-0 2-0-14

R=273 U=24 W=4 RL=95/-49 (4 min)

ITW Building Components Group Orlando FL, 32837 FL COA #0 278 ALPINE

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

Design Crit

FBC2010Res/TP1-2007(STD) FT/RT=20%(0%)/10(0)

12 03 04

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

Scale = 5"/Ft

ΤYΡ

Wave

Trusses roou re extreme care in fabr cating handing shipping installing and bracing Refer to a follow the latest edition of 863 (Building Component Safety Information by IPI) and WTGA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per 8631 (Miless noted otherwise top chord shall have properly attached structural sheathing and bettom chord shall have a properly attached in discussions shall have a properly attached in discussions.

ITW Building Components Group Inc. (ITWBCC) shall not be respons be for any deviation from this capture be for the state of the state o for any t on see stry com

CENSE 10 F

01/24/2014

SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LT
24.0"	1.25	37.0 PSF	0.0 PSF	10 0 PSF	7.0 PSF	20.0 PSF
JREF- 1V3B487_Z02	FROM JMW	SEQN- 340739	HC-ENG JB/WPF	DRW HCUSR9114 14024179	DATE 01/24/14	REF R9114- 69297

Top chord 2x4 SP #1-13B Bot chord 2x4 SP #1-13B

Lumber grades designated with 1/30/2013 by ALSC 13B use design values approved

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

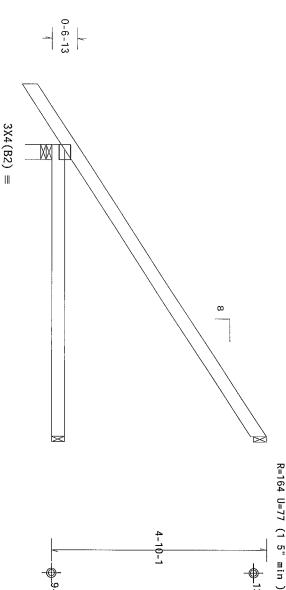
MWFRS loads based on trusses located at least 7 50 ft from roof edge

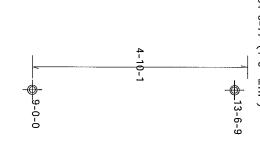
120 mph wind, 15 00 ft mean hgt, ASCE 7-10, CLOSED bidg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=3 5 psf, wind BC DL=5 0 psf 6Cpi(+/-)=0 18

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

Deflection meets L/240 live and L/180 total load factor for dead load is 1 50  $\,$ Creep increase

design





R=340 U=23 W=4 (4' min ) RL=125/-57 6-4-14 Over 3 Supports

R=122 U=0 (1 5'

min )

**1-4-0**→

ITW Building Components Group Orlando FL, 32837 FL COA #0 278 ALPINE

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

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

12.03 04

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

Scale = 5"/Ft.

TYP

Wave

Trusses roquing extreme care in fabricating handling shipping installing and bracing Refer to iterate the latest edition of BCSI (Building Component Safety Information by JPP) and WTCA) for safety practices prior to performing these functions. Installiers 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 on ing. Locations shown for permanent lateral restraint of websital have a properly attached rigid on the consistency of the properly attached rigid on the consistency of the properly attached rigid on the consistency of the properly attached rigid to a fig. Locations shown for permanent lateral restraint of websital have a properly attached per BCSI sections 83 87 or B10 as applicable.

ITW Building Components Group inc. (ITWBCD) shall not be respons bit for any deviat on from this any failure to build the trues in conformance with ABS/IPP1 1 or for handing shipping installate braicing of truesess. Apply places to each face of trues and position as above and on the Join Data is unless more order the service of the se



	To large	ER	n ******* #	,,,,,	anna d	A PARTY OF THE PAR
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL
24.0"	1.25	37.0 PSF	0.0 PSF	10.0 PSF	7.0 PSF	20.0 PSF
JREF- 1V3B487_Z02	FROM JAW	SEQN- 340663	HC-ENG JB/WPF	DRW HCUSR9114 14024180	DATE 01/24/14	REF R9114- 69298

Lumber grades designated with "13B 1/30/2013 by ALSC use design values approved

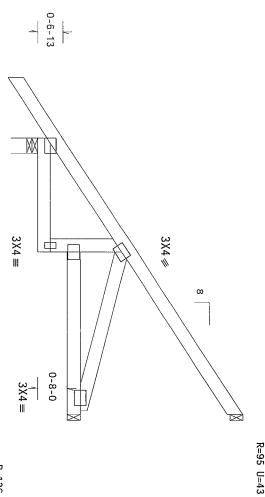
Bottom chord checked for 10 00 psf non-concurrent live load

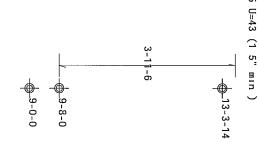
MWFRS loads based on trusses located at least 7 50 ft from roof edge

120 mph wind, 15 00 ft mean anywhere in roof, RISK CAT I DL=5 0 psf GCpi(+/-)=0 18 n hgt, ASCE 7-10, CLOSED bidg, Located II, EXP C, wind TC DL=3 5 psf, wind BC

des i gn Wind loads and reactions based on MWFRS with additional C&C member

Deflection meets L/240 live and L/180 total load factor for dead load is 1 50  $\,$ Creep increase





R=136 U=25 (1 5' min )

1-4-0>

 $3X4(B2) \equiv$ 

5X3 Ⅲ

2-6-0 3-6-14 — 6-0-14 Over 3 Supports (4' min )

R=327 U=23 W=4 RL=120/-56

ITW Building Components Group Orlando FL, 32837 FL COA #0 278 ALPINE

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

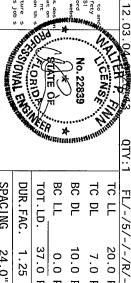
Design Crit FBC2010Res/TPI-2007(STD) FT/RT=20%(0%)/10(0)

PLT TYP

Wave

Inless noted otherwise top chord shall have properly attached structural sheath ng and shall have a properly attached rigid on a long Locations shown for permanent lateral resident have a properly attached rigid on the shall have bracing installed per BCSI sections 83 B7 or B10 as applicable Trusses require extreme care in fabricating handling shipping installing and bracing Refer to a frollow the latest edition of RESI (Build ng Component Safety Information by TPI and MTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.

ITW But Iding Components Group Inc. (ITWEGG) shall not be respons bit for any day at on from this day any far lure to availed the trusts in conformance with MRSI/PP1 in or for handing ab point on straillation braining of trustees Apply plates to each face of trust and position as position as above and the onto Details unless increased otherwise. Refer to drawing 1604-2 for standard plate positions are not expensed in the standard plate position and on the conformation see the format of the standard plate positions of the standard plate position. The suitability and use of this does in for any structure to respons bitly soluty for the design shown. The suitability and use of this does in for any structure the responsibility soluty for the design shown. The suitability and use of this does in for any structure the responsibility soluty for the design shown. This job s



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SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL
24.0"	1.25	37.0 PSF	0.0 PSF	10.0 PSF	7.0 PSF	20.0 PSF
JREF- 1V3B487_Z02	FROM JMW	SEQN- 340677	HC-ENG JB/WPF	DRW HCUSR9114 14024181	DATE 01/24/14	REF R9114- 69299

Scale = .5"/Ft.

Top chord 2x4 SP #1-13B Bot chord 2x4 SP #1-13B

Lumber grades designated with 1/30/2013 by ALSC 13B ' use design values approved

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

MWFRS loads based on trusses located at least 7 50 ft from roof edge

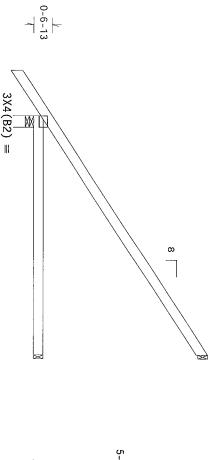
120 mph wind, 15 00 ft mean anywhere in roof, RISK CAT I DL=5 0 psf GCpi(+/-)=0 18 n hgt, ASCE 7-10, II, EXP C, wind T CLOSED bldg, Located TC DL=3 5 psf, wind BC

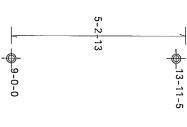
Wind loads and reactions based on MWFRS with additional C&C member

Deflection meets L/240 live and L/180 total load factor for dead load is 1 50  $\,$ Creep increase

design

R=180 U=84 (1 5" <u>=</u>





R=133 U=0 (1 5" min )

R=362 U=23 W=4 RL=135/-60 7-0-0 Over 3 Supports (4 min)

ITW Building Components Group Orlando FL, 32837 FL COA #0 278 ALPINE

\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET! FBC2010Res/TPI-2007(STD) FT/RT=20%(0%)/10(0)

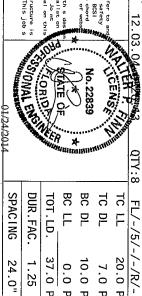
Design Crit

Tγp

Wave

Trusses require extreme care in fabricating handling shipping installing and bracing Refer to a follow the latest edition of BCSI (Building Component Safety Information by TPI and WTCA) for safety practices prior to performing these functions. Installiors 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 in 3 death of the consistent for permanent lateral restraint of webstanil have a properly attached in 5 death of the consistent for permanent lateral restraint of webstanil have a properly attached for BCSI sections 83 87 or 810 as applicable.

ITM Building Components Group Inc. (ITMBCG) shall not be responsible for any deviat on from this design of trust in the trust in conformance with AMS/ITP 1 or for handling shipping installat or bracing of trustees. Apply plates to each face of trusts and position as shown above and on the Joint Dota is unless noted otherwise. Refer to drawings 1804-2 for standard plate positions. A seal on the Dota is unless noted otherw se. Refer to drawings 16 drawing indicates drawing or cover page listing this drawing indicates responsibility solely for the design shown. The suitathe responsibility of the Building Designer per ANSI/T tructure is This job s



37.0 1.25

PSF

SEQN-

340661

HC-ENG

JB/WPF

FROM

24.0"

JREF- 1V3B487\_Z02

20.0 PSF

REF

Scale = .375"/Ft. R9114- 69300

10.0 PSF 0.0 PSF

DRW HCUSR9114 14024182

7.0 PSF

DATE

01/24/14

Lumber grades designated with "13B" use design values approved  $1/30/2013\ \mbox{by ALSC}$ 

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

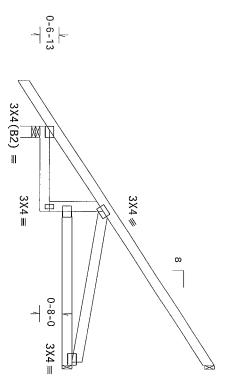
MWFRS loads based on trusses located at least 7 50 ft from roof edge

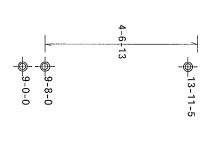
> 120 mph wind, 15 00 ft mean anywhere in roof, RISK CAT I DL=5 0 psf GCpi(+/-)=0 18 n hgt, AS ASCE 7-10, XP C, wind T TC DL=3 5 psf, wind BC

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

Deflection meets L/240 live and L/180 total load factor for dead load is 1 50  $\,$ Creep increase

R=117 U=53 (1 5' min )





L1-4-0

R=156 U=25 (1 5" min )

1 5X3 Ⅲ

R=362 U=23 W=4 (4" min ) RL=135/-61 2-6-0 7 4-6-0 7-0-0 Over 3 Supports

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

PLT TYP

Wave

· · IMPORTANT · ·

Trussess require extreme care in fabricating handling shipping installing and bracing Refer to a follow the latest edition of BGSI (Building Component Safety Information by TPI and WTGA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI libiles, noted otherwise top chord shall have properly attached structural shoathing and bottom chord shall have a properly attached rigid cet ing. Locat rons shown for permanent lateral restraint of webs shall have a properly attached rigid cet ing. \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

I'W Building Components Group inc (INWEGS) shall not be responsible for any deviat on from this design any failure to build the truss in conformance with MRS/TPI 1 or for handing shipping installation bracing of trussess. Apply places to each face of truss and position as shown above and on the Joint of the property of the page 1 tilling the property of the property of the page 1 tilling the property of the property of the design shown. The suitable transportation for any structure is the responsibility of the design shown. The suitable try and use of this design for any structure is the responsibility of the design shown. The suitable try and use of this design for any structure is the responsibility of the design shown. The suitable try and use of this design for any structure is the responsibility of the design shown. The suitable try and use of this design for any structure is the responsibility of the design shown. The suitable try and use of this design for any structure is the responsibility of the design shown. This job s

ITW Building Components Group

ALPINE

Orlando FL, 32837 FL COA #0 278



14024183

Scale =

.375"/Ft.

Top chord 2x4 SP #1-13B Bot chord 2x4 SP #1-13B

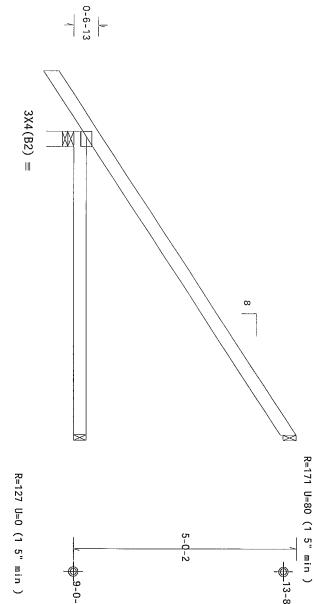
Lumber grades designated with 1/30/2013 by ALSC 13B' use design values approved

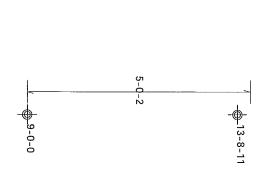
Bottom chord checked for 10 00 psf non-concurrent live load

120 mph wind, 15 00 ft mean anywhere in roof, RISK CAT I DL=5 0 psf GCp:(+/-)=0 18 n hgt, ASCE 7-10, CLOSED bldg, Located II, EXP C, wind TC DL=3 5 psf, wind BC

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

Deflection meets L/240 live and L/180 total load factor for dead load is 1 50  $\,$ Creep increase







1-4-0>d

\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS Design Crit FBC2010Res/TPI-2007(STD) FT/RT=20%(0%)/10(0)

ΤYP

Wave

· IMPORTANT · ·

Trusses require extreme care in fabr cat ag handing shipping notaling and bracing Refer to and follow the latest edition of BCSi (Building Component Safety Information by TPI and WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI linities noted otherwise top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid colling Locations shown for permanent lateral restraint of webs shall have a properly attached rigid colling Locations shown for permanent lateral restraint of webs shall have a properly attached rigid colling Locations shown for permanent lateral restraint of webs shall have a properly attached rigid colling Locations shown for permanent lateral restraint of webs shall have a properly attached per BCSI sections B3 B7 or B10 as applicable.

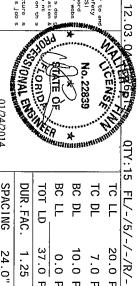
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ALPINE

ITW Building Components Group

Orlando FL, 32837 FL COA #0 278

ITW Building Components Group Inc. (ITWBCG) shall not be respons blo for any deviation from this design any failure to build the truss. In conformance with AMSI/IPI I or for handling ish pping installation bracing of trusses. Apply plates to case frace of truss and post on as shown above and on the Joint Deca is unless noted otherwise. Refer to drawing in GOAP, for standard plate positions. A seal on the drawing or cover page I sting this drawing and eather professional long near no respons bity of the design shown. The suitability and use of this dosign for any structure the respons bity of the design shown. The suitability and use of this dosign for any structure the respons bity of the day of the design for part ASI/IPI I Sec 2 for more information see. This job general notes page. ITW BCG www. twhcg.com. IPI www.tpinst.org. WICA www.sbc.ndustry.com. Structure s This job s



1/24/2014		W. F.	P Muun	 本 ''''	HMIM	Willes .
SPACING	DUR.FAC.	TOT LD	BC LL	BC DL	TC DL	TC LL
24.0"	1.25	37.0 PSF	0.0 PSF	10.0 PSF	7.0 PSF	20.0 PSF
JREF- 1V3B487_Z02	FROM JWW	SEQN- 340653	HC-ENG JB/WPF	DRW HCUSR9114 14024184	DATE 01/24/14	REF R9114- 69302

Scale = .5"/Ft.

Jack)

Top chord 2x4 SP #1-13B Bot chord 2x4 SP #1-13B

Lumber grades designated with 1/30/2013 by ALSC 13B' use design values approved

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

MWFRS loads based on trusses located at least 7 50 ft from roof edge

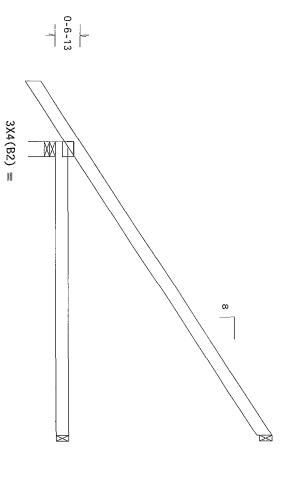
120 mph wind, 15 00 ft mean anywhere in roof, RISK CAT I DL=5 0 psf GCp:(+/-)=0 18 ngt, ASCE 7-10, CLOSED bldg, Located II, EXP C, wind TC DL=3 5 psf, wind BC

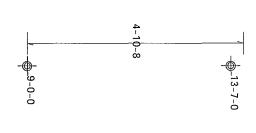
design Wind loads and reactions based on MWFRS with additional C&C member

R=165 U=78 (1 5" min )

Deflection meets L/240 live and L/180 total load factor for dead load is 1 50  $\,$ 

Creep increase

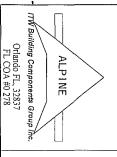




R=123 U=0

(1 5" min )

**←1-4-0→**  $R=342\ U=23\ W=4\ (4"\ min\ )$  RL=126/-586-5-8 Over 3 Supports



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

Design Crit

PLT TYP

Wave

Trusses require extreme care in fabr cut my bandling at pp mg install ny and bracking Refer to a follow the latest edition of BCSI (Building Component Safety Information by The and WCA) for safety practices prior to performing these functions. Installars shall provide temporary bracing per BCSI (bliess noted otherwise top chord shall have properly attended structural sheathing and bettem chord shall have a properly studender of die of ling locate ons shown for permanent lateral restraint of webshall have a properly studender of the coling locate ons shown for permanent lateral restraint of webshall have a properly studender of the coling locate ons shown for permanent lateral restraint of webshall have a properly studender of the coling locate ons shown for permanent lateral restraints.

ITW But if ng Components Group Inc. (ITWECD) shall not be responsible for any day at an from this did any failure to be id the trust in conformance with MSI/TPI 1 or for handing they not be to be to



QTY:1

FL/-/5/-

/-/R/-

Scale =.5"/Ft.

01/24/2014 BC DL BC LL TC DL SPACING DUR. FAC TOT.LD. 24.0" 1.25 37.0 PSF 10.0 PSF 20.0 PSF 0.0 PSF 7.0 PSF DATE REF SEQN-DRW HCUSR9114 14024185 JREF- 1V3B487\_Z02 FROM HC-ENG R9114- 69303 JB/WPF 01/24/14 340655

(14-005C--BRYAN ZECHER /Jones/Goodson Residence Lake City F Н7 39 11 8 Mono Hip Girder)

Top chord 2x4 SP 2850f-2 3E T1 2x4 SP M-30
Bot chord 2x4 SP 2850f-2 3E
Webs 2x4 SP #3-13B W9 2x4 SP #2-13B
W11 2x4 SP #1-13B
Lt Wedge 2x6 SP #2-13B

Lumber grades designated with '13B use design values approved 1/30/2013 by ALSC

plates so marked were sized using a Fabrication Tolerance of 0% and a Rotational Tolerance of 0 degrees
 mph wind 15 00 ft mean hgt, ASCE 7-10, CLOSED bidg, not located

120 mph wind 15 00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9 00 ft from roof edge, RISK CAT II, EXP C, wind TC DL=3 5 psf wind BC DL=5 0 psf GCp:(+/-)=0 18

Wind loads and reactions based on MWFRS

Calculated horizontal deflection is 0 12 due to live load and 0 16 due to dead load

 $\mid$  Bottom chord checked for 10 00 psf non-concurrent live load

Calculated vertical deflection is 0 49' due to live load and 0 63 due to dead load at  $X=21\mbox{-}7\mbox{-}6$ 

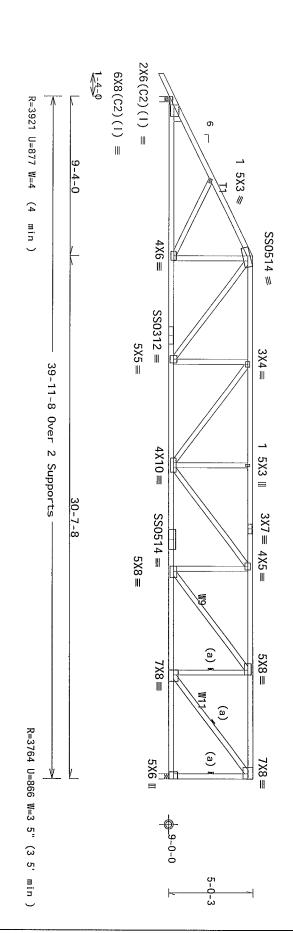
BC- From 4 plf at BC- From 20 plf at BC- From 10 plf at BC- From 10 plf at BC- From 20 plf at TC- 170 86 lb Conc Lc 17 40,19 40,21 40,23 40, 35 40,37 40

BC- 1309 57 lb Conc L BC- 1309 57 lb Conc Lc 19 40,21 40,23 40,25 40,37 40 special loads From From From (Lumber Dur Fac =1 25, 56 plf at -1 3; 28 plf at 5, 28 plf at 37 44 4 plf at -1 3; 20 plf at 0 00 10 plf at 0 00 10 plf at 37 44 10 Conc Load at 140,23 40,25 44 nc Load at 9 Load at 11 40,27 40,29 to to to to to 27 9 9 36 40,13 40,31 40,11 40,29 e Dur Fac = 56 plf at 28 plf at 56 plf at 4 plf at 20 plf at 30,71 40,13 640 335 t 9 33 t 9 33 t 37 40 : 39 96 : 39 96 9 36 37 40 39 96 40,15 40 40,33 40 40,0 , 17 35 40 400

Right end vertical not exposed to wind pressure

(a) Continuous lateral restraint equally spaced on member

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



ALPINE

ALPINE

Orlando FL, 32837

FL COA #0 278

""MARNING" READ AND FOLLOW ALL NOTES ON THIS SHEET MARNING THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

Design Crit

FBC2010Res/TPI-2007(STD)

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

12.03 04

97:1

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

20.0

PSF

REF

e = .1875"/Ft R9114- 69304

Scale

PLT

ΤYΡ

18 Gauge HS, Wave

Trusses require extreme care in fabr catt my handling shipping installing and bracing Roffer to any CENS. With follow the install cast polition of RSIS (Billiding Component Sarety Information by FPI) and WHO) for safety practices prior to performing these functions. Installers shall provide temporary bracing por RSII when properly attended structural shall have properly attended the shall have properly attended structural shall have properly attended to the performance in the shall have properly attended to the component shall have practiced by the component shall have properly attended to the component shall have properly attende

ITW But and Components Group Inc. (ITWECD) shall not be respons bit for any day action from this delay for lure to build the trusts in conformance with MSI/IPI to or for handling shall push pain on matiliation broading of trusts and post of the shall past be as shown above and on the Joint Dotaling of trusts and post of the shall past to as shown above and on the Joint Dotaling in the state of the shall post of the shall past to a shall post to as A seal on the Committee of the shall past to the shall past the shall past to the shall past the sha

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01/24/2014

DUR. FAC. BC LL BC DL TC DL SPACING TOT LD 37.0 10.0 PSF 24.0" 1.25 0.0 PSF 7.0 PSF PSF DATE SEQN-FROM HC-ENG DRW HCUSR9114 14024204 JREF- 1V3B487\_Z02 JB/WPF 01/24/14 346476

Top Value Set \_umber value **™**11 chord 2x4 SP # t chord 2x4 SP 2 Webs 2x4 SP # [1 2x4 SP #1 13B (Effective 6/1/2013) #1 T1 2x4 SP 2850f-2 3 2850f-2 3E B3 B4 2x4 #3 W2 W18 2x4 SP #2 13B uses design values SP 3E

set approved 1/30/2013 ρy

25 25 Special | Clumber | Dur | Fac | From | 56 p | f a | From | 28 p | f a | From | 20 p | f a | From | 10 p | f a | Fr nc Load at 9 Load at 11 Load at 17 9 9 81 84 84 56 p. 28 p. 28 p. 20 p. 13 19 884 215 **!!** 84 23 84 84

(++) ı This plate works for both joints covered

> N N COMPLETE TRUSSES ES REQUIRED

Na:1 Schedule 0 128 x3 min Top Chord 1 Row @12 00 o c Bot Chord 1 Row @12 00 o c Webs 1 Row @ 4 o c

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

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

120 mph wind 15 00 ft mean hgt ASCE 7-10 within 9 00 ft from roof edge RISK CAT II wind 8C DL=5 0 psf GCpi(+/-)=0 18 CLOSED bidg EXP C wind not located TC DL=3 5 psf

Wind loads and reactions based on MWFRS

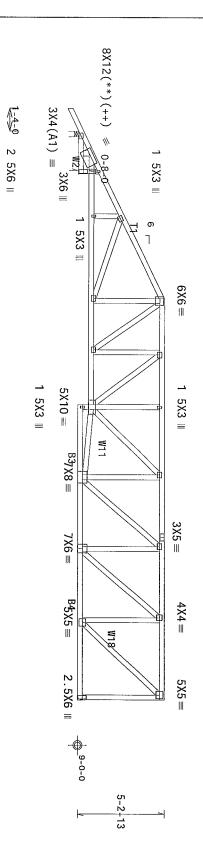
Right end vertical not exposed to wind pressure

Calculated horizontal deflection is 0 14 due to dead load due ç live load and 0

support required by others

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

Deflection meets L/240 live and L/180 total load factor for dead load is  $1\ 50$ Creep increase



## Note All Plates Are 3X4 Except As Shown

R=3076 U=719 W=4"

 $\Box$ 

908

m I m

1-3-8-2-8

13-6-0

33-3-8

0ver

2 Supports

H=H1

QTY : 1

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

20 0

REF

R9114- 69305

Scale

11

1875"/Ft

PSF PSF

DATE

01/24/14

R=3262 U=775

23-6-3

17-3-8

ΤYΡ Wave Trusses require extreme care in fabricating handling as pping retailing and bracing Refer to recipie the latest edition of 683 (Bull on a Component Safety Information by FP and MTCA) for safety practices prior to performing these functions. Installiers shall provide temporary bracing part 683 (Bullions naced otherwise top device shall have properly attached structural) sheathing and bettem chord shall have properly attached structural) sheathing and bettem chord whall have a properly attached rigid to the control of the contr IMPORTANT \*\* \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS Design Crit FBC2010Res/TP1-2007(STD) FT/RT=20%(0%)/10(0) <u>.</u> . 02

I'll Bu Id in Components Group Inc. (I'll BEG) shall not be nespons be for any day at ion any failure to be Id the trusts is conformance at a 1817/Pi | 1 or for handling at high properties better no of trustees. Apply plates to continue of trust and pass of for handling at high plates to seek fixed and pass of the standard at monator above and or better to unless motification of the standard at monator observable. Before to drawing 1604-2 for the profession on eighneen drawing or cover page is tring this drawing in cover page of this drawing in cover page is tring this drawing in cover page is tring

ed r g d co ing Locations shown for permanent per BCSI sections B3 B7 or B10 as appl cable

ITW Building Components Group

ALPINE

Orlando FL, 32837 FL COA #0 278



01/24/2014

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JB/WPF 7814

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SPACING 24 o

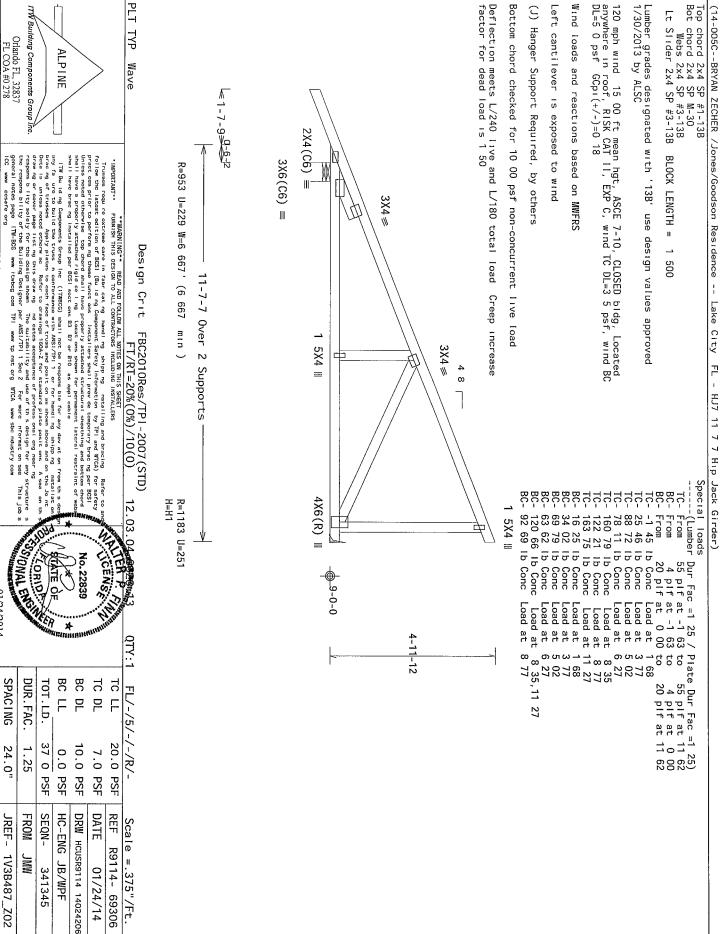
JREF-

1.25

FROM

1V3B487\_Z02

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



01/24/201-

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

120 mph wind, 15 00 ft mean hgt, ASCE 7-10, CLOSED bidg Located anywhere in roof RISK CAT II EXP C, wind TC DL=3 5 psf, wind BC DL=5 0 psf GCp:(+/-)=0 18 (J) Hanger Support Required, by others Right end vertical not exposed to wind pressure Wind loads and reactions based on MWFRS Lumber grades designated with 1/30/2013 by ALSC Top chord 2x4 SP #1-13B Bot chord 2x4 SP #1-13B Webs 2x4 SP #3-13B Lt Slider 2x4 SP #3-13B ITW Building Components Group (14-005C--BRYAN ZECHER /Jones/Goodson Residence ΤYΡ Orlando FL, 32837 FL COA #0 278 chord checked for dead load is 1.50ALPINE Wave 0-6-7 for 10 00 psf non-concurrent live load W1 2x6 SP #2-13B BLOCK LENGTH = Trussos require extreme care in fabricating landling as pping installing and bracing Refer to a follow the latest edition of BCSI (Building Component Safety Information by TPI and WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI billiess moze detherwise top chord shall have properly attended structural shashing and betton chord shall have a properly attended rigid cet ing. Locations shall have a properly attended of the Component tateral restraint of webs shall have a properly attended fig did not shall have a properly attended of the Component tateral restraint of webs shall have a properly attended for BCSI sections 83 87 or 810 as applicable. ITW Bullding Components Group Inc. (ITWECD) shall not be responsible for any deviation from this decision any failure to build the triss in conformance with MRS/JPP11 or for handing shipping installate or bracking of trusses, Apply plates to each face of truss and position as shown above and on the Joint bracking of trusses, Apply plates to each face of truss and position as shown above and on the Joint bracking of trusses, and position as shown above and on the Joint bracking in the ship and the ship and the ship and position and p '13B use design values approved **←2-2-2→** \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS 2X4(C3) =3X4(C3) =R=966 U=239 W=6 667' Design Crit load 3X4 ≤ 4 8 4-2-0 Creep increase Lake City FBC2010Res/TPI-2007(STD) 11-8-0 3X4 Ⅲ 2X4 Ⅲ FT/RT = 20%(0%)/10(0)5X8≡ (6 667 min 끈 0-8-0 Over 2 Supports HJ7A 12 2 4X10 ≤ 2 Hip Jack Girder) 5X4 Ⅲ Structure is This job s Special loads 88824444444 12 15 37 1b C 10 15 1b C 62 57 1b C 17 08 1b C 17 08 1b C 60 07 1b C 124 99 1b 95 10 1b C 27 28 1b C 27 31 1b C 79 11 1b C From From From ၀ R=1033 U=238 3X5(R) Ⅲ 1 lb Conc 1 lb Conc 1 lb Conc 3 lb Conc Ib Conc
Ib Conc
Ib Conc
Ib Conc CENS .5X3 Ⅲ Dur Fac 55 pif a 4 pif a 20 plf 20 plf Conc Conc Conc 01/24/2014 c =1 25 / at -1 67 at -1 67 at -1 00 at 4 17 Load at Load at Load at Load at 9-0-0 Load Load Load Load Load Load 9-8-0 97:1 1:4 / Plate Dur Fac =1 25)
57 to 55 plf at 11 67
57 to 4 plf at 0 00
10 to 20 plf at 4 17
7 to 20 plf at 11 67 BC DL DUR. FAC. TC DL TC LL SPACING TOT.LD. FL/-/5/-/-/R/-37.0 24.0" 1.25 0.0 10.0 PSF 20.0 PSF 7.0 PSF PSF PSF DATE REF FROM DRW HCUSR9114 14024196 SEQN-HC-ENG JREF- 1V3B487\_Z02 Scale = .3125"/Ft R9114- 69307 MM JB/WPF 01/24/14 340820

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

120 mph wind 15 00 ft mean hgt, ASCE 7-10, anywhere in roof, RISK CAT II, EXP C, wind DL=5 0 psf GCpi(+/-)=0 18 PLT TYP Lumber grades designated with '13B" use design values approved  $1/30/2013\,$  by ALSC Top chord 2x4 SP #1-13B Bot chord 2x4 SP #1-13B Webs 2x4 SP #3-13B Lt Slider 2x4 SP #3-13B (J) Hanger Support Required, by others Left cantilever is exposed to wind Wind loads and reactions based on MWFRS ITW Building Components Group (14-005C--BRYAN ZECHER /Jones/Goodson Residence -- Lake City, Orlando FL, 32837 FL COA #0 278 chord checked :ion meets L/240 live and L/180 total load for dead load is 1 50  $\,$ ALPINE Wave 1-8-0€<sup>1</sup> for 10 00 psf non-concurrent live 2X4 (c6) = Trusses require extreme care in fabricating handling shipping instaling and bracking Refer to arrive the latest edition of BCSI (Building Component Safety Information by TPI and WTCA) for safety practices prior to performing these functions. Installiers shall provide temporary bracking proper BCSI blooss noted otherwise top chord shall have properly attached structural sheathing and bettom chord shall have a properly attached rigid color ing. Locations shown for permanent lateral restraint of webs shall have a properly attached rigid color ing. Locations shown for permanent lateral restraint of webs shall have a properly attached. BLOCK LENGTH = 3X6(C6) =ITW Bu Iding Components Group inc (ITMSCG) shall not be respons ble for any deviat on from this desiry failure to build the truss in conformance with AMSI/TPI 1 or for handling shipping installation face of trusses and position as Apply places to each face of trusses and position as shown above and on the Joint R=428 U=95 W=6 667" (6 667 min 3X4 ≢ \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS Design Crit TC DL=3 5 psf, wind BC 500 11-3-4 Over 2 Supports Creep increase FBC2010Res/TP1-2007(STD) FT/RT=20%(0%)/10(0) load 5X3 3X4 ≤ 4 8 핃 - HJ7B 11 3 4 Hip Jack Girder) Special loads This job s R=542 U=97 4X4 ≡ 1.5X3 Ⅲ 12 -1 45 1b Conc 25 46 1b Conc 82 76 1b Conc 78 11 1b Conc 160 79 1b Conc 162 21 1b Conc 16 25 1b Conc 34 02 1b Conc 63 79 1b Conc 63 62 1b Conc 63 62 1b Conc 120 66 1b Conc From From From From ಜ (Lumber Ib Conc CENS 0 plf 2 plf 0 plf 2 plf Conc 01/24/2014 c =1 25 / at -1 67 at 0 00 at -1 67 at 0 00 Load at Load a Load at 0TY : 1 to to to 1.68 3.77 6.27 6.27 6.27 1.68 8.35 1.68 8.35 1.68 8.35 1.68 8.35 8.35 Plate BC DL e Dur Fac =1 25)
55 plf at 0 00
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Top chord Bot chord Webs d 2x4 SP #1-13B d 2x4 SP #1-13B s 2x4 SP #3-13B

Lumber grades designated with 1/30/2013 by ALSC 13B' use design values approved

(a) Continuous lateral restraint equally spaced on member

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

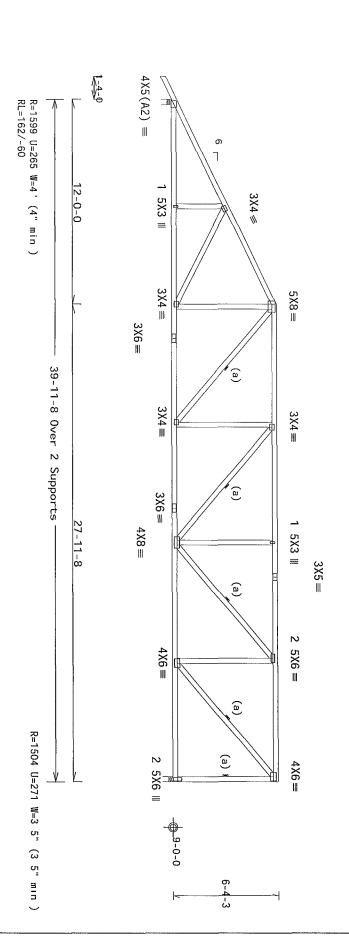
MWFRS loads based on trusses located at least  $7\,\,50$  ft from roof edge

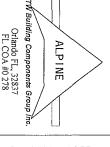
120 mph wind, 15 00 within 9 00 ft from wind BC DL=5 0 psf ft mean hgt, ASCE roof edge, RISK CAGCp:(+/-)=0 18 CE 7-10, CLOSED bldg, not located EXP C, wind TC DL=3 5 ps: psf,

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

Right end vertical not exposed to wind pressure

Deflection meets L/240 live and L/180 total load factor for dead load is 1 50  $\,$ Creep increase





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

Design Crit

PLT TYP

Wave

Trusses require extrame care in fabricating handling shipping installing and bracking follow the latest edition of BCSI (Building Component Safety Information by TPI and MTCA) practices prior to performing these functions. Installiers shall provide component bracking and become of the miles should be the properly attended structural shaething and become of the milest properly attended of disculing Locations shown for permanent lateral restrains that have a properly attended of disculing Locations shown for permanent lateral restrains that have a properly attended or BCSI sections 83 87 or B10 as applicable. d WTCA) for safety
brac ng per BCSI
and bottom chord
restra nt of webs

proc ng of trusses Apply plates to communicate the process and face bear face density and communicate the process and face are processed at the process and processes and processes and processes and processes and processes are processed at the processes and processes and processes are processed at the processes are processed at t ITW Building Components Group any fa uro to build the truss bracing of trusses. Apply plat beta is unless noted otherwise ndustry see Th s job s

FBC2010Res/TPI-2007(STD) FT/RT=20%(0%)/10(0) 12.03 CENS! ONAL ENGIN Vo. 22839 ORIO TATE OF 11/24/20 0TY:1 . 드 FL/-/5/-/-/R/-

14		Will	ueili V	nibih L	MITH	,,
SPACING	DUR.FAC.	TOT.LD	BC LL	BC DL	TC DL	TC LT
24 0"	1.25	37.0 PSF	0.0 PSF	10.0 PSF	7.0 PSF	20.0 PSF
JREF- 1V3B487_Z02	FROM JAW	SEQN- 346482	HC-ENG JB/WPF	DRW HCUSR9114 14024186	DATE 01/24/14	REF R9114- 69309

Scale = .1875"/Ft.

Top chord 2x4 SP #1-13B Bot chord 2x4 SP #1-13B Webs 2x4 SP #3-13B , E T1 2x4 SP M-30 W2 2x4 SP #2-13B

Lumber grades designated with 1/30/2013 by ALSC "13B" use design values approved

(H1) = (J) Special hanger required (2)2x6 SP M-26 supporting member

(a) Continuous lateral restraint equally spaced on member

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

MWFRS loads based on trusses located at least 7 50 ft from roof edge

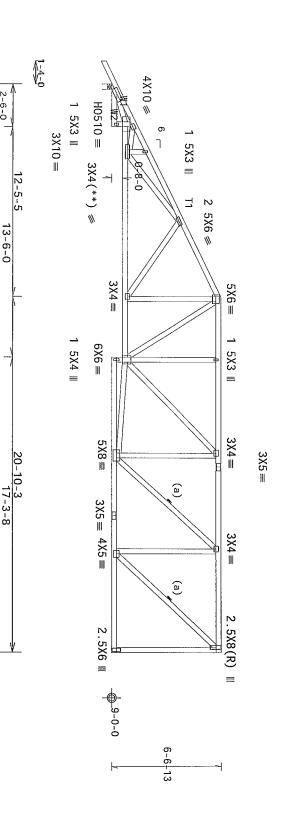
(\*\*) 1 plate(s) require special positioning Refei plot details for special positioning requirements Refer ç scaled plate

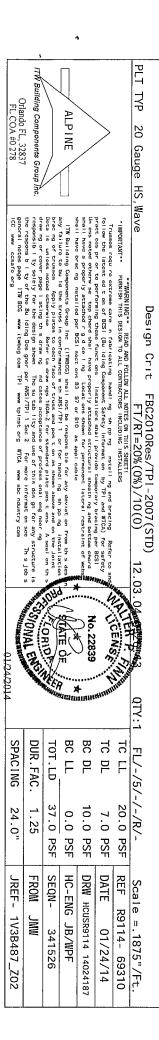
120 mph wind, 15 00 ft mean hgt, ASCE 7-10, CLOSED bidg, not located within 9 00 ft from roof edge, RISK CAT II, EXP C, wind TC DL=3.5 psf, wind BC DL=5 0 psf GCpi(+/-)=0 18

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

Right end vertical not exposed to wind pressure

Deflection meets L/240~live and L/180~total load factor for dead load is 1 50. Creep increase





R=1361 U=219 W=4' RL=168/-56

(4" min

33-3-8 Over

2 Supports

포 R=1238 U=226 2-6-0

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP #1-13B #1-13B #3-13B

Lumber grades designated with '13B' 1/30/2013 by ALSC use design values approved

(a) Continuous lateral restraint equally spaced on member

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

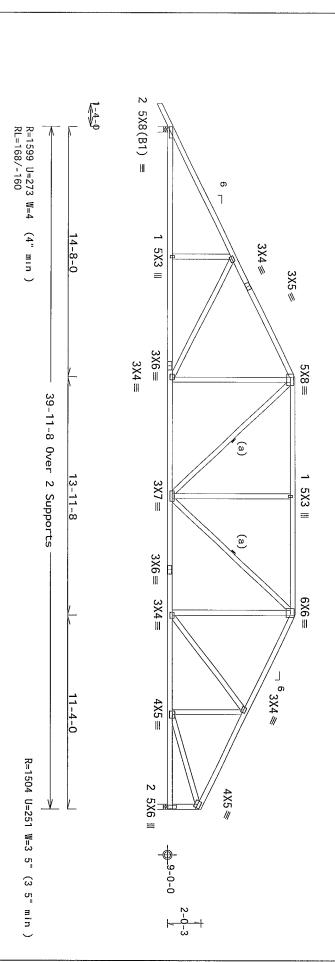
MWFRS loads based on trusses located at least 7 50 ft from roof edge

120 mph wind, 15 00 within 9 00 ft from wind BC DL=5 0 psf ft mean hgt, ASCE 7-10, roof edge, RISK CAT II, GCpi(+/-)=0 18 CLOSED bldg, not located EXP C, wind TC DL=3 5 ps psf,

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

Right end vertical not exposed to wind pressure

Deflection meets L/240 live and L/180 total load factor for dead load is 1 50  $\,$ Creep increase



ITW Building Components Group Orlando FL, 32837 FL COA #0 278 ALPINE Data is unless noted otherw se. Refer to c drawing or cover page is to ing this drawing trespons bility solely for the design shown the respons bility of the Building Des gner general notes page ITW BCC www. twocg com

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

Design Crit

FBC2010Res/TP1-2007(STD) FT/RT=20%(0%)/10(0)

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Scale = .1875"/Ft

R9114- 69311

20.0 PSF '-/R/-

7.0 PSF

DATE REF

01/24/14

ΤĄ

Wave

Trussos require extreme care in fabricating banding as pping installing and practing Refer to a follow the latest edition of BESI (Building Component Safety Information by TPI and WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracking per BESI which so noted otherwise top chord shall have properly attended structural shoathing and bottom shall have a properly attended rigid coil inglicious consistency.

ITW But dring Components Group Inc. (ITWBCD) shall not be responsible for any day at on from this dos any far luro to build the cruss a nonformation at MRSI/TPP1 1 or for handing a hip may recall at on botal or of trusses. Apply places to each race of truss and position as shown above and on the boint botal is unless need otherwise. Botan or or are map 160A. Teris standard place positions. A seal on the draw major cover page 1 sting this drawing not access acceptance of professions and nearing.

CENS ORIO 01/24/2014 BC LL BC DL TC DL IC L TOT.LD

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PSF PSF

HC-ENG

JB/WPF

346478

DRW HCUSR9114 14024188

SPACING DUR. FAC 37.0 24 25 0 SEQN-FROM JREF- 1V3B487\_Z02 MM

Top chord 2x4 SP #1-13B Bot chord 2x4 SP #1-13B Webs 2x4 SP #3-13B W1, W2 2x4 SP #2-13B

Lumber grades designated with "13B" use design values approved  $1/30/2013\ \mbox{by ALSC}$ 

- (H1) = (J) Special hanger required (2)2x6 SP M-26 supporting member
- (a) Continuous lateral restraint equally spaced on member

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

MWFRS loads based on trusses located at least  $7.50\ \mathrm{ft}$  from roof edge

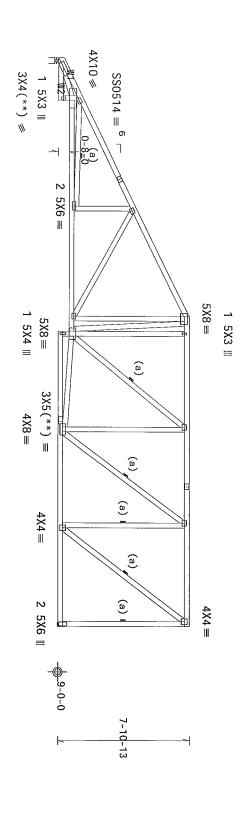
(\*\*) 2 plate(s) require special positioning Refer to scaled plate plot details for special positioning requirements

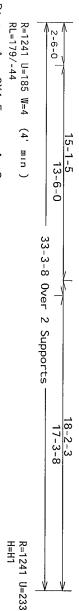
120 mph wind, 15 00 ft mean hgt, ASCE 7-10, CLOSED bidg, not located within 9 00 ft from roof edge, RISK CAT II, EXP C, wind TC DL=3 5 psf, wind BC DL=5 0 psf GCpi(+/-)=0 18

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

Right end vertical not exposed to wind pressure

Deflection meets  $L/240\,$  live and  $L/180\,$  total load factor for dead load is 1 50 Creep increase





Note All Plates Are 3X4 Except As Shown

FL COA #0 278	ITW Building Components Group Inc		ALPINE \		>		PLT TYP 18 Gauge HS Wave	
general notes page 17W BCG www itwbcg com TPI www tpinst org WTCA www sbcindustry com	structure is SONA	080	any falure to build the truss in conformance with AMSI/TPI 1 or for hand on ship on a controllar of the struss of conformance with AMSI/TPI 1 or for hand on ship on a controllar of the truss of conformance with AMSI/TPI 1 or for hand on ship on a controllar of the truss of conformance with AMSI/TPI 1 or for hand on ship on a controllar of the truss of conformance with AMSI/TPI 1 or for hand on ship on a controllar of the truss of conformance with AMSI/TPI 1 or for hand on ship on a controllar of the truss o	thicks noted otherwise top chord shall have properly attached structural sheathing and bottom chord in No. 22839 shall have been prepared as a properly attached rigid over largil boost ons shown for promanent lateral restraint of wolf shall have been prepared over Rest layer larging to the properly attached rigid over largil boost ons shown for promanent lateral restraint of wolf shall have been an extillation over Rest layer larging to the properly attached rigid over larging to the properly attached rigid over larging to the properly attached to the properly atta	riusses require extreme care in fabr cat ng handling shipping installing and bracing Refer to and follow the latest edition of BCS (Building Component Safety) information by TPI and MTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.	E	Mave FT/RT=20%(0%)/10(0) 12.03 04 as a second	Design Crit FBC2010Res/TPI-2007(STD)
	ERG	ER	**************************************	HHHH	nam.	NA THE PARTY OF TH	3 QTY	
SPACING 24.0"	DUR FAC. 1.25	TOT.LD	BC LL	BC DL	TC DL	TC LL	QTY:1 FL/-/5/-/-/R/-	
24.0"	1.25	37.0 PSF	0 0 PSF	10.0 PSF	7.0 PSF	20 0 PSF	/-/-/R/-	
JREF- 1V3B487_Z02	FROM JMW	TOT.LD 37.0 PSF SEQN- 341471	O O PSF HC-ENG JB/WPF	10.0 PSF DRW HCUSR9114 14024189	7.0 PSF DATE 01/24/14	20 0 PSF   REF R9114- 69312	Scale = 1875"/Ft.	

01/24/2014

Top chord 2x4 SP #1-13B Bot chord 2x4 SP #1-13B Webs 2x4 SP #3-13B

Lumber grades designated with '13B' 1/30/2013 by ALSC use design values approved

(a) Continuous lateral restraint equally spaced on member

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

MWFRS loads based on trusses located at least 7 50 ft from roof edge

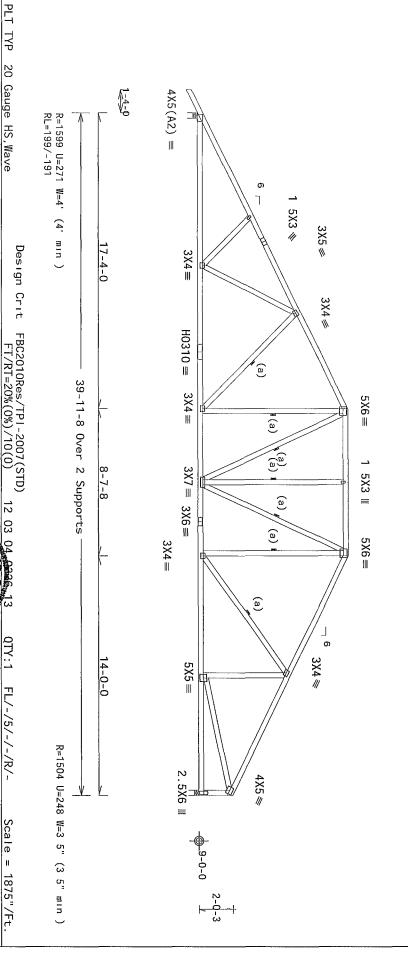
120 mph wind, 15 00 within 9 00 ft from wind BC DL=5 0 psf ft mean hgt, ASCE roof edge, RISK C/ GCp:(+/-)=0 18 CE 7-10, CAT II, CLOSED bldg, not located EXP C, wind TC DL=3 5 ps: psf,

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

Right end vertical not exposed to wind pressure

design

Deflection meets L/240 live and L/180 total load factor for dead load is 1 50  $\,$ Creep increase



PLT TYP

20 Gauge HS, Wave

MPORTANT\*\*

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

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CENSE io. 2283

BC DL BC LL

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DRW HCUSR9114 14024190

TC DL

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DATE

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R9114- 69313

Scale =

1875"/Ft

ITW Building Components Group Orlando FL, 32837 FL COA #0 278

iTW Building Components Group Inc. (TWB Day 17 a lure to build the truss in conformal brace ng of trusses Apply plates to each Data is unless noted otherwise Refer to crewing or cover page 1 sting this drawing respons b Lift yorley for the design shown the responsibility of the Building Das grar general notes page ITW BEG www. cosselect.

pract cos prior to performing these functions. Installers shall provide tom this sanetad otherwise top chord shall have properly attached in glocal consistent have a properly attached ing Local tons shown for permanent shall have a properly attached in glocal sections 83. 87 or 810 as applicable shall have bracing installed per BCSI sections 83. 87 or 810 as applicable

nents Group Inc (ITWECG) shall not be respons ble for any deviat on the truss in conformance with ANSI/TPI 1 or for handling shipping

01/24/2014

DUR.FAC.

FROM SEQN-

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PSF PSF

0.0

HC-ENG

JB/WPF

346474

SPACING

24.0" 1.25

JREF- 1V3B487\_Z02

Trusses require extreme ears in fabricating handling supping factor to provide the latest edition (BESI (Building Component Safety Information by TPI) and TESI for safety practices prior to perform ng these functions (Component Safety Information by TPI) and TESI for safety practices prior to perform ng these functions (Component Safety Information by TPI) and TESI for safety practices for or to perform ng these functions of the component safety bracing and bottom enough the safety of the component safety and particular safety for the component safety and safety for the component safety for the com

ALPINE

Top chord 2x4 SP #1-13B Bot chord 2x4 SP #1-13B Webs 2x4 SP #3-13B Rt Stub Wedge 2x4 SP #3-13B

13B'

Lumber grades designated with 1/30/2013 by ALSC use design values approved

(a) Continuous lateral restraint equally spaced

Bottom chord checked for

on member

10 00 psf non-concurrent live load

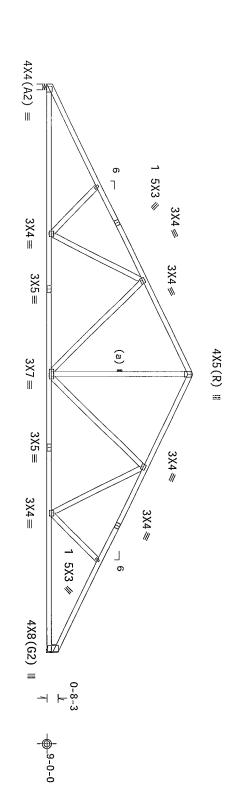
MWFRS loads based on trusses located at least 7 50 ft from roof edge

120 mph wind, 15 00 within 9 00 ft from wind BC DL=5 0 psf ft mean hgt, ASCE 7-10, roof edge, RISK CAT II, GCp:(+/-)=0 18 CLOSED bldg, EXP C, wind TC DL=3 5 ps psf,

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

(H1) = (J) supporting Special hanger required (2)2x6 SP M-26 member

Deflection meets L/240 live and L/180 total load factor for dead load is 1 50  $\,$ Creep increase





ITW Building Components Group Orlando FL, 32837 FL COA #0 278 ALPINE

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

Design Crit

Tγp

Wave

Trusses require extreme care in fabricating handing as pping installing and brucking Refer to a follow the latest edition of BESI (Building Component Safety Information by Till and WEA) for safety practices prior to performing these functions. Installies shall provide temporary bracing per BESI these cases of the property stateshed screenized is searching and bettem chandistallinave a property attended in place on the property stateshed screenized is search and and shall have a property attended in place of the property stateshed screenized is searched and the shall have a property attended in place of the property stateshed screenized is searched and the property stateshed screenized in the property stateshed screenized shall have bracing installed per BCSI sections 83 B7 or B10 as applicable

ITW Building Components Group Inc. (ITRBCG) shall not be responsible for any deviation from this any failure to be used to fix the service of the service of

FBC2010Res/TP1-2007(STD) FT/RT=20%(0%)/10(0) 12 03 04 APTICENS, MA No. 228 LOR! 10 DL FL/-/5/-,

01/24/2014

THE REAL PROPERTY.	THE PARTY OF	C. ER	***************************************	нии (839	William S
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL
24.0"	1.25	37.0 PSF	0 0 PSF	10.0 PSF	7.0 PSF
JREF- 1V3B487_Z02	FROM JMW	SEQN- 341461	HC-ENG JB/WPF	DRW HCUSR9114 14024191	DATE 01/24/14

20.0 PSF '-/R/-

REF

Scale = 1875"/Ft. R9114- 69314

(14-005C--BRYAN ZECHER /Jones/Goodson Residence Lake City, 된-H15 39 11 8 Stepdown Hip)

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

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP #1-13B #1-13B #3-13B

Lumber grades designated with 1/30/2013 by ALSC '13B" use design values approved

(a) Continuous lateral restraint equally spaced on member

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

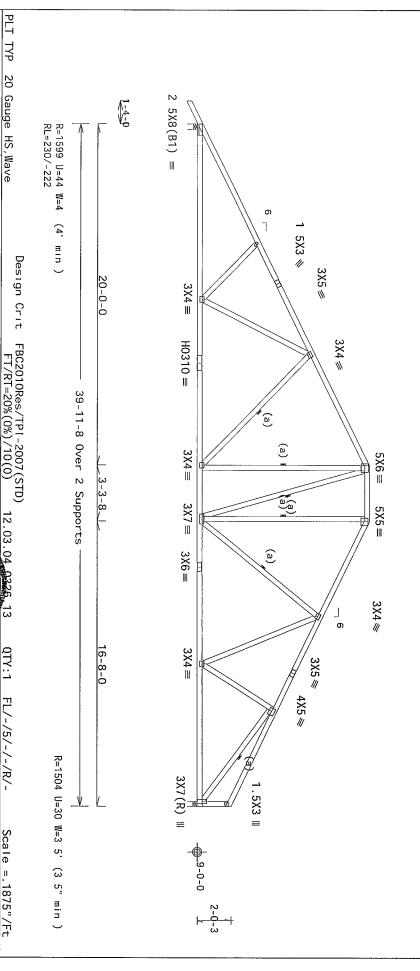
MWFRS loads based on trusses located at least 15 00 ft edge  $\,$ from roof

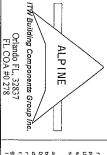
> 120 mph wind, 15 00 within 9 00 ft from wind BC DL=5 0 psf ) ft mean hgt, An roof edge, RIS GCpi(+/-)=0 18 RISK CAT 11, CLOSED bldg, not located EXP C, wind TC DL=3 5 psf

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

Right end vertical not exposed to wind pressure

Deflection meets L/240 live and L/180 total load factor for dead load is 1 50  $\,$ Creep Increase





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

12.03.04

QTY:1

5

20 /-/R/-

0

PSF

REF

R9114- 69315

Scale = .1875"/Ft

ΤĄ

20 Gauge HS, Wave

Trussos roquire extreme care in fabr cat ng handi ng shipping nasali ng and brazing. Refer to follow the latest od tion of ESSI (Bull of a Chappener Safety Information by 1791 and HTCA) for safety practices prior to perform ng these functions. Installers shall brow do temporary brazing per BSI thiese nated extremtles. top short shall have properly attached references continued and bettem chord that have a properly attached rigid on a log locations shown for permanent interes i restraint of weights. shall have bracing installed per BCSI sections B3 B7 or B10 as applicable

I'll Bu Iding Components Group inc (I'llBGD) shall not be responsible for any deviation any failure to suild the truss in conformance with ARSI/TPI 1 or for handing also part present a politic process. Apply plates to each face of truss and position as shown above and obtains unless need clinker as fairer to develope the second plate passions are training of cover page 11sting this drawing indicates acceptance of professional angular freepons billity solely for the dealing shown the suitable ty and use of this design for the fairlife professions and the suitable ty and use of this design for the fairlife professions and the suitable ty and use of this design for the fairlife professions and the suitable ty and use of this design for the fairlife professions and the suitable ty and use of this design for the fairlife professions and the suitable type of the fairlife professions are suitable to the control of the fairlife professions and the suitable type of the fairlife professions are suitable to the control of the fairlife professions are suitable to the control of the fairlife professions are suitable to the suitable type of the fairlife professions are suitable to the control of the fairlife professions are suitable to the control of the fairlife professions are suitable to the suitable type of the fairlife professions are suitable to the control of the fairlife professions are suitable to the control of the fairlife professions are suitable to the suitable type of the fairlife professions are suitable to the suitable type of the fairlife professions are suitable to the suitable type of the fairlife professions are suitable to the suitable type of the fairlife professions are suitable to the suitable type of the fairlife professions are suitable to the suitable type of the fairlife professions are suitable to th

see

CENS Vo. 22839 01/24/2014 10 DI

SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL
24.0"	1.25	37.0 PSF	0.0 PSF	10.0 PSF	7.0 PSF
JREF- 1V3B487_Z02	FROM JMW	SEQN- 346480	HC-ENG JB/WPF	DRW HCUSR9114 14024192	DATE 01/24/14

Top chord 2x4 SP #1-13B Bot chord 2x4 SP #1-13B Webs 2x4 SP #3-13B Lt Slider 2x4 SP #3-13B Lumber grades designated with '13B" use design values approved 1/30/2013 by ALSC BLOCK LENGTH = 500

(a) Continuous lateral restraint equally spaced on member

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

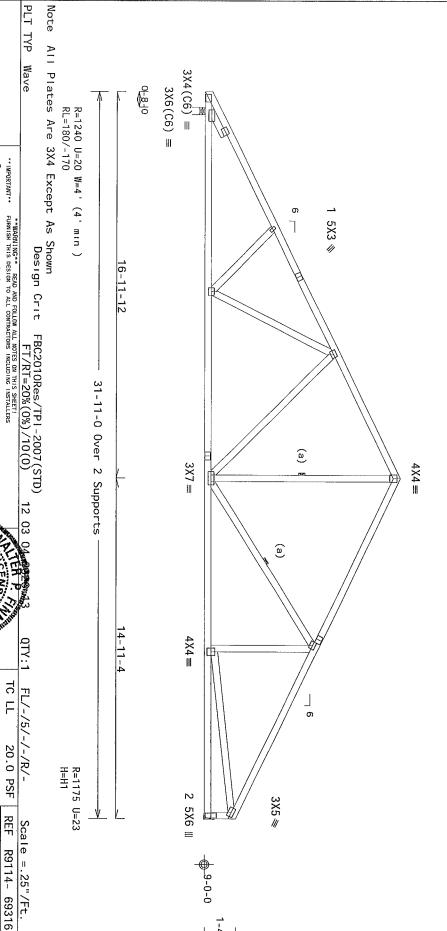
120 mph wind, 15 00 within 9 00 ft from wind BC DL=5 0 psf ft mean hgt, ASCE 7-10, roof edge, RISK CAT II, GCpi(+/-)=0 18 CLOSED bldg, not located EXP C, wind TC DL=3 5 ps: psf

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

Left cantilever is exposed to wind

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

MWFRS loads based on trusses located at least 15 00 ft from roof



ITW Building Components Group Orlando FL, 32837 FL COA #0 278 ALPINE

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

CENS

BC DL BC LL

10.0 PSF

DRW HCUSR9114 14024193

JB/WPF

0.0 PSF

TC DL

7.0 PSF

DATE

01/24/14

Trusses require extreme care in fabricating handling shipping installing and bracing Refer to an follow the latest edition of BCSI (Building Component Servey Information by TPI and MYCA) for safety practices prior to performing these functions. In the 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 coulting. Locations shown for permanent lateral restraint of websital have a properly attached rigid coulting.

I'll Bu id ng Components Group Inc. (I'llBCO) shall not be responding any fa lure to build the trues in conformance w the ABSI/IPI 1 or bracing of truesess. Apply plates to each face of trues and posterial is unless mored etherwise. Before to drawing plates, I conformation for conver page 1 string this drawing and cases acceptance featuring or conver page 1 string this drawing for discussionability and the response bilty sority for the design shown. The suitability and the oresponse bilty sority discussed in the Busilding Designer per ABSI/IPI 1 See This job

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01/24/201

SPACING DUR.FAC. TOT.LD.

24.0" 1.25 37.0 PSF

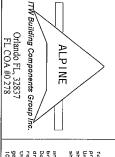
JREF- 1V3B487\_Z02

FROM

SEQN-HC-ENG

346452

Deflection meets L/240 live and L/180 total load factor for dead load is 1 50  $\,$ (a) Continuous lateral restraint equally spaced on member 5X6(A1) R=445 U=75 W=4' თ 9-0-11 Ω 5X3 10-0-0 11-0-0 (4" m : n  $3X4 \equiv 3X4 \equiv$ 5X8 ≢ 1 5X3 Ⅲ 3X4 ≡ R=2582 U=476 Creep increase 4X6≡  $\sim$ 9-4-0 5X6 1-0-0 ₩=4 12 (a) 3X6 4 41-3-0 Over 3 Supports 4X12 5X6 ≢ Ш 19-2-0 3X4 ≤ Bottom chord checked თ 31-3-0 3X7 ≡ 5X5 = for 5X6 = 3X4 // 5X4 Ⅲ 10 8 O psf non-concurrent live load 3X5 ⊭ 11-1-0 5X8≡ 2 5X6 3X5 ⊭ =



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

Trusses require extreme care in fabricating handling shipping installing and bracing Refer to itelligent the latest edition of BSI (Building Component Safety Information by IPI) and WTCA) for safety practices prior to performing these functions. Install lers shall provide temporary bracing app BSSI Unless noted otherwise top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached in 4 of the properly attached in 5 of the properly attached in 4 of the 4 of the properly attached in 4 of the properly attached in 4 of the 4 of the properly attached in 4 of the properly attached in 4 of the properly attached in 4 of the 4 of the properly attache

I'W Bu id ng Components Group inc (ITNBCC) shall not be respons ble for any deviation from this do may failure to bu id the truss in conformance with ANSI/IPI 1 or for handing shipping installated bracing of trusses Apply plates to each face of truss and position as shown above and on the Joint Docta is unless moted otherwise. Refer to drawings 160A.7 for standard plate positions. A seal on the drawing or cover page is tiling this drawing in decrease acceptance of professional negineering response bi try solely for the design shown. The suitability and use of this dos gn for any structure the responsibility of the building Doss gener per ANSI/IPI 1 Sec 2. For more information see. This joint plants of the design shown. The suitability and use of this doss gn for any structure the responsibility of the design shown. The suitability and use of this doss gn for any structure the responsibility of the design shown.

YONAL ENGIN **40810**₹

H=H1

TC DL TOT.LD. 37.0 0.0 10.0 PSF 7.0 PSF PSF PSF SEQN-DATE

1.25 FROM JREF- 1V3B487\_Z02

BC LL BC DL

12.03.04

QTY : 1

CENSE

R=1115 U=192

HC-ENG DRW HCUSR9114 14024198 R9114- 69317 JB/WPF 346460 01/24/14

24.0"

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

PLT

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Wave

01/24/2014

LC LL FL/-/5/-/-/R/-20.0 PSF REF Scale = .1875"/Ft

DUR.FAC.

SPACING

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

Top chord 2x4 SP i Bot chord 2x4 SP i Webs 2x4 SP i PLT With PLT-PLT-PLT-PLT-PLT-PLT-PLB-18 17 at 41 Lumber grades designated with 1/30/2013 by ALSC ITW Building Components Group Special loads (14-005C--BRYAN ZECHER ΤYÞ From PLB-25 From From loads and reactions based on MWFRS additional C&C member design From From From Orlando FL, 32837 FL COA #0 278 From From From From From From From From (Lumber Tom 14 plf at 11 72 \
14 plf at 11 72 \
14 plf at 11 72 \
16 plf at 16 93 t

16 plf at 21 06 to
16 plf at 22 19 to
16 plf at 37 13 to
-26 plf at 17 72 to
-29 plf at 17 72 to
-26 plf at 26 31 to
-26 plf at 33 45 to
-26 plf at 31 to
-26 plf at 11 00 to
6 plf at 17 to
-20 00 lb Conc 1 c ALPINE 20 Gauge HS, Wave 1-4-6 3X7(B1) PIf pIf #1-13B #1-13B #3-13B R=1648 U=49 N RL=200/-199  $\parallel \parallel$ /Jones/Goodson Residence 6 I'll' Bu id ny Components Group Inc. (I'NBEGS) shall not be respons ble for any deviat on from the set any fall une to build the trans in conformance with MSS/TPI 1 or for hand in showing shall not be braining of trusses a MSS/TPI 1 or for hand in the showing shall not be braining of trusses and post to such showing shall not be braining to the showing shall not be braining in the shall not be braining in the shall not be braining in the shall not be shall not s Trusses require extreme care in fabr eating handling shipping installing and brucing Rofer to a follow the latest edition of BCSI (Building Component Safety Information by IPI and NTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI bloss noted etherwise top chord shall have properly attended structural sheathing and bottom chord shall have a properly attended rigid cent ing. Locations shown for permanent lateral restraint of webs shall have a properly attended rigid cent ing. IMPORTANT --₩=4" 11-8-11 11-0-0 5X8(R) ate Dur Fac =1 25)
16 pif at 17 760
16 pif at 11 72
16 pif at 11 72
16 pif at 16 93
14 pif at 21 06
14 pif at 22 19
16 pif at 37 13
16 pif at 37 13
16 pif at 16 93
-26 pif at 16 93
-26 pif at 32 21
-26 pif at 33 45
-26 pif at 33 45
6 pif at 37 15 3X4 ∕ \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS 4 use design values approved = 9 Design Crit 50 plf 5X8 -- Lake City, 5X4 Ⅲ 5X3 Ⅲ 5X5≡ III FBC2010Res/TP1-2007(STD) FT/RT=20%(0%)/10(0) 1-0-0 ₹ 끈-3X4 **≡**  $3X4 \equiv$ H19A 41 3 41-3-0 Over 2 Supports H0310 =19-2-3X4 = Mono €X6 = 120 mph wind, within 13 00 f psf, wind BC D MWFRS loads based on trusses located at least edge Deflection meets L/240 live and L/180 total factor for dead load is 1 50  $\,$ Bottom chord checked for (a) H p) σ 12.03 5-3-1 Continuous lateral restraint equally spaced on (a) 4X10 = 5X5≡ CENS ft from roof edge,
DL=5 0 psf GCp1(+, 15 (ORIO 00 ft mean hgt, ENGIN 01/24/2014 5X8 ≡ 3X4 // nean hgt, ASCE of edge, RISK Ca GCp:(+/-)=0 18 5X4 Ⅲ 10 00 psf non-concurrent live load QTY:1 6 3X5 ⊭ 4-11-4 SPACING BC DL DUR. FAC. BC LL TC DL TC LL TOT.LD. FL/-/5/-/-/R/-3X4 11-1-0 8X9 Ш CLOSED bldg, not located , EXP C, wind TC DL=3 5 load 37.0 20.0 24.0" 1.25 0.0 10.0 PSF 15 7.0 PSF 8 H=1 Creep increase R=1553 U=62 PSF PSF PSF Ŧ 2 5X6 4X5 // from roof SEQN-DATE REF FROM HC-ENG DRW HCUSR9114 14024199 JREF - 1V3B487\_Z02 Scale = = R9114- 69318 JB/WPF 346466 01/24/14 1875"/Ft

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

Bot chord Webs d 2x4 SP #1-13B d 2x4 SP #1-13B s 2x4 SP #3-13B

Lumber grades designated with 1/30/2013 by ALSC '13B" use design values approved

Wind loads and reactions based on MWFRS with additional C&C member design  $\,$ 

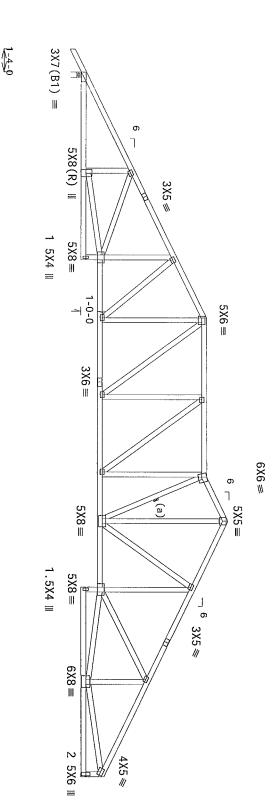
120 mph wind, 15 00 ft mea within 13 00 ft from roof psf, wind BC DL=5 0 psf ( 15 00 ft mean hgt, ASCE ft from roof edge, RISK ( JL=5 0 psf GCp1(+/-)=0 . CLOSED bldg, , EXP C, wind not located TC DL=3 5

(a) Continuous lateral restraint equally spaced on member

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

Deflection meets L/240 live and L/180 total factor for dead load is 1  $50\,$ load Creep increase

MWFRS loads based on trusses located at least 15 00 ft from roof



R=1648 U=50 W=4" RL=200/-199 Are 3X4 Except As Shown 14-4-11 11-0-0 4 Design Crit FBC2010Res/TP1-2007(STD) FT/RT=20%(0%)/10(0) 41-3-0 Over 2 Supports 19-2-0 11-1-0 프 R=1553 U=73

Note All Plates

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ΤYP

Wave Trusses require extreme dare in fabricating handling shipping installing and bracing Refer to an follow the latest edition of 8631 (Building Component Safety Information by TPI) and WTCA) for safety practices prior to performing these functions. Installiers shall provide temporary bracing per 8631 liniess noted otherwise top chord shall have properly attended structurals shaathing and bottom chord shall have a properly attended rigid coil ing. Locations shown for permanent lateral restraint of webs shall have a properly attended rigid coil. \*\* IMPORTANT\*\* \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!

ITW But Id in Components Group Inc. (ITWEGD) shall not be responsible for many day attend from this design shall not be responsible for many day attend from this design shall not be responsible for many day to be paired in the control of the build of the build of the control of the building Designer part ANSI/TPI 1 Sec 2 for the control of the building Designer part ANSI/TPI 1 Sec 2 for the control of the control of the building Designer part ANSI/TPI 1 Sec 2 for the control of the control of

ITW Building Components Group

ALPINE

Orlando FL, 32837 FL COA #0 278



20.0

PSF

DATE REF

01/24/14

'-/R/-

Scale = .1875"/Ft

R9114-

69319

1.25 37.0 PSF

FROM

0.0 PSF 10.0 PSF 7.0 PSF

HC-ENG

JB/WPF

SEQN-

346470

DRW HCUSR9114 14024200

24.0"

JREF- 1V3B487\_Z02

Bot op chord 2x4 SP 2x4 SP 2x4 SP 2x4 SP #1-13B #1-13B #3-13B ₩2, 5 2x4 SP M-30 W13, ₩16 2x4 SP #2-13B

Lumber grades designated with 1/30/2013 by ALSC use design values approved

Special loads

BBC-BBC-TC-TC From From From From From From (Lumber 56 F 56 F 56 F 57 F 58 F 59 F 50 F 50 F plf; þ ac =1 25 / at =1 33 at 17 06 at 26 24 at 36 40 at -1 33 at -1 000 at 11 000 at 30 17 90 44 44 44 ţ Plate 50 Dur 17 26 36 43 43 30 43 25) 7 06 3 24 3 40 3 58 1 00 00 17

> 120 mph wind, within 13 00 ipsf, wind BC I Calculated horizontal deflection is 0 11" due to dead load ft from DL=5 0 p 15 00 ft mean hgt, ASCE 7-ft from roof edge, RISK CAT DL=5 0 psf GCpi(+/-)=0 18 due CLOSED , EXP C, to live load and 0 bidg, , wind not located TC DL=3 5 15

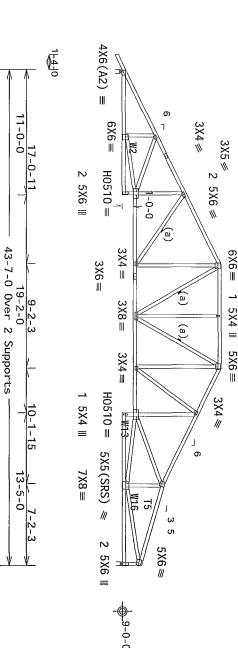
(a) Continuous lateral restraint equally spaced on

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

Deflection meets L/240 live and L/180 total factor for dead load is 1 50 load Creep increase

MWFRS loads based on trusses located at least 15 8 Ţ from

₩ınd loads and reactions based on MWFRS



R=1887 U=54 W=4" RL=195/-192 Design Crit 4 min FBC2010Res/TP1-2007(STD) FT/RT=20%(0%)/10(0) Supports 12.03 97:1 R=1673 U=38 W=4" (4" min ) FL/-, /5/-,

ITW Building Components Group Orlando FL, 32837 FL COA #0 278 ALPINE

\* IMPORTANT \* \* \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET! ΤYÞ

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Gauge HS, Wave

Trusses require extreme care in fabricating banding shipping installing and bracing Refer to a follow the latest edition of BESI (Building Component Safety Information by TPI and MTGA) for safety practices prior to performing these functions: Installates shall provide temporary bracing per BESI Unices noted otherwise top chord shall have properly attached structural sheathing and bettem chord shall have a properly attached ing locations shall have a properly attached in the consistency of performance the consistency of performance the consistency of performance and consistency of performance and consistency of performance and perf

I'W Building Components Group Inc (I'NBCC) shall not be respons bit for any day at on from this d any failure to build the truss in conformance with NBSI/TPI 1 or for handling shipping Installating the stating of trussess. Apply plates to care in truss and as shown above and on the Joint beating in cases and apply plates to care in truss above for as shown above and on the Joint beating in cases. Apply plates to drawing fitness above for six on as shown above and on the Joint beating in the fitness and the state of the

金月 CENSE No. 22839 CORIOF. 01/24/2014 TC LL T.  $\exists$ 

SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL
G 24.0"	C. 1.25	. 37.0 PSF	0.0 PSF	10.0 PSF	7.0 PSF
JREF- 1V3B487_Z02	FROM JMW	SEQN- 340787	HC-ENG JB/WPF	DRW HCUSR9114 1402420	DATE 01/24/14

20.0 /-/R/-

PSF

REF

Scale = .125"/Ft. R9114- 69320

ASCE 7-10 120 3 7 2 Wind Speed, 15' Mean Height, Enclosed, Exposure C kzt = 100 100 nph Vind Speed 15 Mean Height Partially Enclosed, Exposure C kzt = 100 100 nph Vind Speed 15 Mean Height, Enclosed Exposure D kzt = 100 Gable Stud Reinforcement Detail Exposure Ç スNt П 00

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	25	ο, Ω		6 1	6 12	5 9'	5 9,	5 9	6 1*	5 3"	5 3'	5 3.	5 6,	ا ت ع	5 3.	5 3'	5 3.	5 6.	4 7.	4 7.	4 7.	4 10"	4 11"	4 7.	4 7.	4 7.	4 10"	Braces	<u>z</u>
S	8 6,	9 9.	9,0	10 4*	10 5	10 2*	10 2*	10 2"	10 4"	7' 4"	ر. ده	8 6.	n. δ	9 2,	9 3.	9 3"	9 3"	9, 5,	6 0"	6 11.	6 11.	က ထ	8,3,	8' 1'	8 1.	7 9"	8 2.	Group A	(1) 1×4 °L'
N N	9 0"	0 5,		10 8′	10 9"	10 7.	10 7.	10 7	10 8.	7 10*	9 0.	9 0.	9 9,	9 10	9 7.	9 7.	9 9.	9 9.	5 4.	7 4"	7 4.	88	8 7.	8 4,	8 4.	8 3.	8 5.	Group B	Brace *
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About I	12 1	12 6"	15, 9,	12 8	15 5.	15 6.	12 6,	15 6,	12 8	10 5"	11 4.	11 4.	11' 6'	11 7.	33 4"	11 4*	11 4	11 6.	8 5,	9 10.	9 0.	~	10 1.	9 11"	9 11'	9 33*	10 1.	Group B	Brace *
ि हें <del>ल</del> ा )	14 0'	4 0′	14 0	14 0"	34 O'	14 0"	34 0"	14 0"	13' 2"	13' 0'	13 or	13 0"	13 స్త్రి	13 3.	13 0"		1 1	iα,	0 10	11 5'	11 5.	11 6.	11 7.	11 5'	11 5'	11 5*	11 6.	Group A	(2) 2×4 .F.
	14 0"	14 0"	14 0*	14 0*	14 0*	14 0"	14 0"	14 0"	14 0"	13 7	13 7	13' 7'	13 9.	13 10"	13 7.	13 7	13 7	13 9.	11 7	11 10.	11 10'	12 0"	12 17	11 10*	1 10*	11' 10'	12 0.	Group B	Brace ** (1)
	14' 0"	14 0"	14 0*	14' 0"	14 0"	14 0*	14 0*	14 0*	14' 0"	14 0*	14 0"	14' 0"	14 0	14 0"	14 0"		14 0"	14 0*		14 0"	14 0"	14 0"	14 0*	14 0*	14 0*	14 0*	14 0*	Group A	(I) 5×5 (L)
	14' 0"	14' 0"	14' 0"	14 0*	14' 0"	14' 0"	14 0*	14 0*	14' 0"	14′ 0*	14 0*	14' 0'	14' 0"	14 0"	14 0"	14' 0"	14 0"	14 0"	13 U	14 0"	14 0"	14 0"	14' 0"	14 0"		14 0"	14 0*	Group B	Brace *
	14' 0"	14' 0"	14' 0"	14' 0"	14′ 0″	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14 0"	14' 0"	14' 0"	14' 0"	14' 0'	14' 0"	14 0"	14 0"	14 0"	14 0"	14' 0'	14 0	14' 0"	14 0"	14 0"	14 0"	14' 0"	Group A	(2) 2x6 'L' Brace
	14' 0'	14 0"	14 0"	14' 0"	14' 0"	14' 0"	14' 0'	14' 0"	14 0"	14' 0"	14 0"	14' 0"	14′ 0″	14 0,	14' 0'	14' 0"	14 0	14 0"	14 0*	14 0"	14, 0,	14 0"	14' 0"	14' 0'	14 0*	14 0*	14' 0"	Group B	Brace
Attach 'L' braces with 10d (0.128'x3.0' min) nails.  * For (1) 'L' brace: space nails at 2' ac	the ALSC January, 2012 ruling	So. Pine lumber design values based on	with 2'0' overhang, or 12' plywood overhang.	Gable end supports load from 4 0" outlookers	continuous bearing (5 psf TC Dead Load).	Provide uplift connections for 35 plf over	Wind Load deflection criterion is L/240.	Gable Truss Detail Notes	values may be used with these grades.	Industrial 45 Stress-Rated Boards, Group B	WENTED TO THE DESIGNATION OF THE PROPERTY OF T	1x4 Braces shall be SRB (Stress-Rated Board)	#20		Douglas Fir-Larch Southern Pinexxx	*	## W W W W W W W W W W W W W W W W W W	Heneric	שיייייייייייייייייייייייייייייייייייייי			S.	7+52	-Larch South		Stud #3 St	#1 / #2   Standard #2   Stud	Group A	Bracing Group Species and Grades.

chart above for max gable vertical length Continuous -(+) Bearing Æ Refer to the Building Designer for not addressed by this detail peak splice, and heel plates. Refer to common truss design for less than 11 6" eater than 11 f

2X4

conditions

Verrical length may be bounded when diagonal brace is used. Connect obagonal order of 335s at each end when the state of 14

Jable Truss

vertical length shown in table above

2x4 DF-L #2 or better diagonal brace single

. ₩ -|

ω

(as shown) at upper end. or double cut

midpoint of ver

Invases require extreme care in fabrica mp handling, shipping installing and practing. Reservit and other who that distalling component Safety Juhann author Juhann and Juhann and the fact from the fabrical fabrical for several installing shipping shall be properly attached structural sheathing and bottom chord shall have properly attached structural sheathing and bottom chord shall have be properly attached structural sheathing and bottom chord shall have be properly attached which clearly attached restricting and properly attached and continued the safety of the structural sheathing attached and attached and continued the safety of the structural sheathing attached and sheathing attached attac

\*\*VARNING\*\* READ AND FOLLOW ALL NOT S ON THIS DRAWING THE INSTALLERS

Refer

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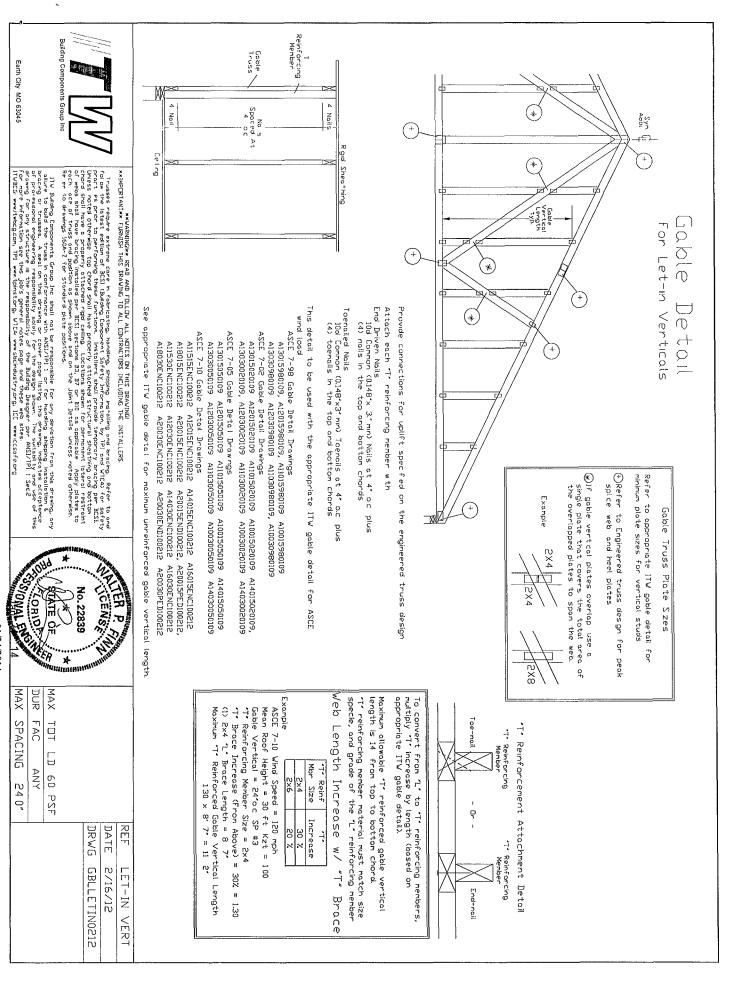
Viluting Consonants Group inc shall not be responsible or by lowering from this drowing any cline to build the trusts in concernance atto NASI/P1 or for boulded afficiency installation concernance litting the drowing includes acceptance or professional responsibility sately for the assign shown. The suitability and use of this orways or any structure is the responsibility or the Sulfang Designer per ANSI/TP1 I Sec2 or more information see this job's generor notes apage and these web sites.

I VICIL www.itwicg.com, TP1 www.pinstorg: VICA www.scindustry.org, ICI: www.iccss.e.org

※ For (1) '1' brace: space nails at 2' oc in 18' end zones and 4' oc. between zones. ※ #For (2) '1' braces: space nails at 3' oc in 18' end zones and 6' oc. between zones. "L" bracing must be a minimum of 80% of web member length. Attach "L" braces with 10d (0.128"×3.0" min) nails. ine lumber design values based on e ALSC January, 2012 ruling Vertical Length
Less than 4 0"
Greater than 4'0", but de uplift connections for 35 plf over ntinuous bearing (5 psf TC Dead Load). Load deflection criterion is L/240. end supports load from 4 0" outlookers 2" 0" overhang, or 12" plywood overhang. Gable Vertical Plate Sizes No Splice 1X4 or 2X3

PUTER P. P. CENSE STORAL STORAGE No. 22839 TATE OF MAX X X X SPACING TOT 60 240" PSF DATE REF DRWG A12015ENC100212 2/14/12 ASCE7-10-GAB12015

Earth City MO 63045



#### 20~~0 Residential ASCE 7 - 10Gable 120 , nd m End Vind 30, <u>M</u>e Q N Bracing Requirements Height, Closed, Exposure 1 Stiffeners $\bigcap$

100 S C S ร ซึ่ ว COE 1 30ft Van 2 2 2 5 5 2 5 2 2 2 2 2 2 2 2 Hgt, ASCE 7-10, Enclosed, Exp C or Hgt, ASCE 7-10, Enclosed, Exp D or Hgt, ASCE 7-10, Part Enclosed Exp DL=50 psf, Wind BC DL 50 psf

> I I

40 80 Top Continuous roof sheathing do T Contruous celing sheathing Meanydaip

for umber pla on ths detai umber plates and other information 5 0 7 this detail

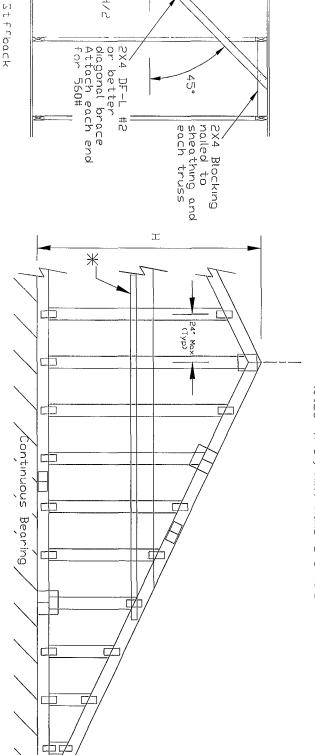
Naits 10d bax 0 S S S S (0128"x3",min) nails

> Less than 4'6" no stud bracing required

Greater than 4'6" Treater than 4'6" to 7'6" in length provide a 2x6 stiffback at mid-height and brace stiffback to roof diaphragm every 6'0" (see detail below or refer to DRWG A12030ENC100212) to 7′6″

I Greater than 7.6" to 12.0" provide a 2x6 stiffback at mid-height and brace to roof diaphragm every 4'0'' (see detail below or refer to DRWG A12030ENC100212) 3 Q X detail below or

 $\times$  Optional 2x L-reinforcement attached to stiffback with 10d box or gun (0.128"  $\times$  3", min ) nails @ 6" oc



W

H/Z



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#: [()

attached to Stud w/ (4)

JOd box or

gun (0123" X 3", mm) nails

each

Earth City MO 63045

\*\*VARNINGM\* READ AND FOLLOW ALL NOTES ON THIS DRAWING!
\*\*IMPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

Trusses require extreme core in fabrica ng, bonding, shipping, insculling and bracing, sefer to and on the letter define of ESCI (Bulling Component Su ety Information, by IFI and VICA) or sa ety information to preforming these functions. Installers shall provide "enporary browing per SCII bullings noted by the preforming these functions. Installers shall provide "enporary browing per SCII bullings, noted about structured is been library to the property of the permanent interest restriction for some property effectively cities ceiling. Locations shawn for permanent interest restrictions for the shall be successful to the composition of the shall be successful. Sci SCII be shall be successful apply believes to be successful and the structure of the shall be successful.

ITV Judding components Group Inc. shall not be responsible or any deviation from his drewing any fer to badd the trust in compromore with ANI/IPI, or for handling siting this product is acceptance or any of trustees. A seal on this drawing or cover page listing this drawing bedientes acceptance of providing the production of the seal on the state of the seal on the state of the seal on the state of the seal of



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	DRWG	DATE	REF
	DRWG GABRST100212	DATE 2/14/12	GE WHALER

SPACING

### Reinforcing

is specified on a + uss design but an alternative web This defail is to be used when a Continuous Lateral Restraint (CLR) reinforcement method is desired

### Notes

L-reinforecemen or scab reinforcement shown on single ply sealed designs to I-reinforcement or This detail s only applicable for changing the specified CLR

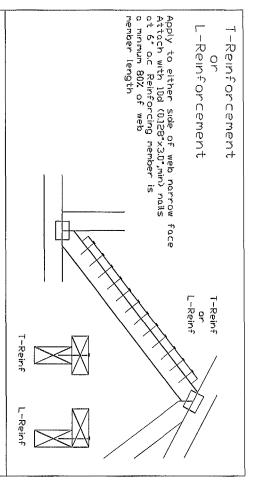
reinforcement type for minimum a ternative reinforcement, Alternative reinforcement specified in chart below may be conservative re-run design with appropriate

Web Member	Specified CLR	Alternative Reinforecement	Scab Reinf
Sze	Restraint	T- or L- Reinf Scab Rein	
2×3 or 2×4	i rows	2×4	1-2×4
2×3 or 2×4		2×6	2-2×4
5×5 5×5	1 rows	دم ۵×۵ ۵×۵	1-2×6 2-2×4(米)
8 8 × × × ×	Swor I wow	ex ex ex ex	1-5×6(*)

I reinforcement I reinforcement, or scab reinforcement to be species and grade or better than web member unless specified otherwise on Engineer's sealed design. same

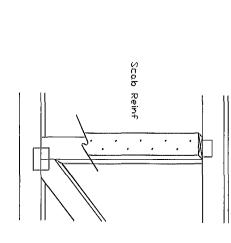
 $\Re$ Center scab on wide face of web Apply (1) scab to each

# Member Substitution



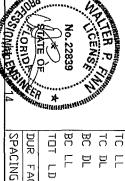
# Scab Reinforcement.

Apply scab(s) to wide face of web. No more than (1) scab per face Attach with 10d (0128'x30',min) nails at 6' o.c Reinforcing member is a minmum 80% of web member length





Earth City MO 63045



10 11	PSF	REF	CLR Subst
דכ שר	PSE	DATE	8/15/13
BC DL	PSF	DRWG	DRWG BRCLBSUB0813
BC LL	PSF		
דםד עם	PSF		
DUR FAC		II,	