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 IV1V487-Z0304112444

Truss Fabricator Anderson Truss Company

Job Identification 13-285--Fill in later /Anita and Jerry West Resi -- Lake C

Truss Count 93

Model Code Florida Building Code 2010
Truss Criteria FBC2010Res/TPI-2007(STD)

Engineering Software Alpine Software, Version 12.03.

Structural Engineer of Record The identity of the structural EOR did not exist as of

Address the seal date per section 61G15-31.003(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

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

12/04/2013

William H Krick
-Truss Design Engineer-

Manual Children

1950 Marley Drive Haines City, FL 33844

Detai	ls:	BRCLBSUB-

						Colonia Coloni	,	
#	Ref Description	Drawing#	Date	1	#	Ref Description	Drawing#	Date
1	02645-EJ11 19'11 8 End	13337096	12/03/13	,	39	02683J1 1 Jack	13337149	12/03/13
2	02646-EJ12 19 11 8 End	13337065	12/03/13	7	40	02684J1 1' Jack	13337069	12/03/13
3	02647EJ3 3' End Jack	13337148	12/03/13	; ;	41	02685J1 1 Jack	13337093	12/03/13
4	02648EJ3 3 End Jack	13337142	12/03/13		42	02686J1 1ª Jack	13337077	200
5	02649EJ3 3' End Jack	13337064	12/03/13	- T	· Albana	,02687∽-J1 1 <sup>±</sup> Jack	13337114	12/03/13
6	02650-EJ3: 2 6'8 End Ja	13337112	12/03/13	late.	44	02688≔-J3 3 Jack	13337070	12/03/13
7	02651-EJ3 2'6'8 End Ja	13337073	12/03/13			02689J3 3* Jack	13337125	12/03/13
8	02652EJ5 5 End Jack	13337144	12/03/13			_02690=-J3 3 Jack	13337092	T. V. L. 0400000001
9	02653EJ7 7' End Jack	A. A. A. A.	12/03/13	T-THESE		-02691==J3 3 <sup>th</sup> Jack	13337105	12/03/13
10	02654EJ7 7 End Jack	13337081	12/03/13			02692J5 5 Jack	13337090	12/03/13
11	02655EJ7 7' End Jack	13337124	12/03/13	4.	49	.02693J5-5°- Jack	13337094	12/03/13
12	02656-EJ9 19 11"8 End_	13337074	12/03/13	-5-67	50	02694M1 13°10 8 Mono	13337120	12/03/13
13	02657-EJG7 19'11 8 End	13337097	12/03/13		51	02695=MG1 5 7 2 Mono G	13337066	12/03/13
14	02658-FTG1 15'4"1 Flat	13337123	12/03/13	5 [	52	02696-MH1-49"10"8 Mono	13337115	-12/03/13
15	02659-H11A 32 8 Stepd	13337133	12/03/13	1	53	02697-MH2-49 10 8 Mono	13337068	12/03/13
16	02660-H13A 32 8 Stepd	13337134	12/03/13	_£1#	54	02698-MH3 49'10 8 Mana	13337145	12/03/13
17	02661-H15A 32 8 Stepd	13337136	12/03/13		55	02699-MH4 49 10"8 Mono	13337067	12/03/13
18	02662-H9A 24 B Stepdo	13337076	12/03/13		56	02700-MH5 49 10 8 Mono	13337091	12/03/13
19	02663-H9B 19 2" Stepdo	13337121	12/03/13		57	02701-MH6 49 10 8 Mono	13337071	12/03/13
20	02664-H9C 32 8 Stepdo	13337132	12/03/13	. ,	58	02702-MHG1 49'10 8 Mon	13337140	12/03/13
21	02665-HG11A 24 8" Step	13337126	12/03/13		59	02703-MHG2 7 Mono Hip	13337085	12/03/13
22	02666-HG3A 13'8 Stepd	13337075	12/03/13		60	02704-T-1 15'11 8 Comm	13337098	12/03/13
23	02667-HG5A 13' Stepdow	13337143	12/03/13	1	61	02705-T-2 12 10" Commo	13337099	12/03/13
24	02668-HG7A 15'11 8 Ste	13337083	12/03/13		62	02706-T-3 12 10" Commo	13337086	12/03/13
25	02669-HG7B 24 8" Stepd	13337080	12/03/13		63	02707-T-4 15'11 8 Comm	13337102	12/03/13
26	02670-HG7C 19'2' Stepd	13337130	12/03/13		64	02708-T-5 15 11"8 Comm	13337103	12/03/13
27	02671-HG7D 32 8" Stepd	13337147	12/03/13		65	02709-T-6 15 11"8 Comm	13337100	12/03/13
28	02672-HG7E 32'8" Stepd	13337116	12/03/13		66	02710-T-7 15 11 8 Comm	13337104	12/03/13
29	02673-HG9A 24 8' Stend	13337138	12/03/13		67	02711-T-8 15 11 8 Comm	13337106	12/03/13
30	02674-HJ10 9 10"13 Hip	13337141	12/03/13	f. 	68	02712-T-9 15 11"8 Comm	13337088	12/03/13
31	02675-HJ10 9'10 13 HIP	13337129	12/03/13	ŀ	69	02713-T-10 12 10 Comm	13337101	12/03/13
32	02676-HJ10 9 10"13 Hip	13337127	12/03/13		70	02714-T-11 15 11"8 Com	13337079	12/03/13
33	02677-HJ10 9'10 13 Hip	13337078	12/03/13		71	02715-T-12 15'11 8 Com		12/03/13
34	02678-HJ10 9 10"13 HTp	13337135	12/03/13	1	72	02716-T-13 53 2" Commo	13337107	12/03/13
35	02679-HJ10 9'10 13 HIP	13337095	12/03/13	ļ	73	02717-T-14 53'2 Commo	13337087	12/03/13
36	02680-HJ4 4'2"3 Hjp Ja	13337150	12/03/13		74	02718-T-15 53'2" Commo	13337117	12/03/13
37	02681-HJ4 3'6'6 Hip Ja	13337062	12/03/13		75	02719-T-16 42'2"8 Comm	13337110	12/03/13
38	02682-HJ7 7 0"14 Hip J	13337146	12/03/13	ŀ	76	02720-T-17 42 2 8 Comm		12/03/13
	======================================			J				, _, ,

#	Ref De	scription	Drawing#	Date
77	.02721-T-18		13337082	12/03/13
				1
78	02722-T-19	46'2"8 Comm	13337063	12/03/13
79	02723-T-20	28'4 6 Comm	13337072	12/03/13
80	02724-T-21	24 10 6 Com	13337119	12/03/13
81	02725-T-22	21 4 14 Com	13337108	12/03/13
82	02726-T-23	21'4"14 Com	13337111	12/03/13
83	02727-T-24	24'10"6 Com	13337122	12/03/13
84	02728-T-25	24 10 6 Com	13337118	12/03/13
85	02729-T-26	19 2" Commo	13337128	12/03/13
86	_02730=T-27	11'2 Commo	13337131	12/03/13
87	.02731-T-28	32 8 Commo	13337137	12/03/13
88	02732÷-T-2	9.13 Common	13337139	12/03/13
89	02733-TG-1	49"4"8 Comm	13337109	12/03/13
90		46"2"8"Comm	13338003	12/04/13
91	02735 HG4A	13'8" Stepd	13338004	12/04/13
92	02736-TG-2	53'2" Commo	13338006	12/04/13
93	02737~FTG2	15-4"1 Flat	13338005	12/04/13



13-285--Fill d 2x4 SP #1-13B d 2x4 SP #1-13B s 2x4 SP #3-13B in later /Anita and Jerry West Resi --Lake City, 끄 EJ11 19'11'8 End Jack THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR CLOSED bldg, not located EXP B, wind TC DL=3 5 psf.

Top chord Bot chord Webs "13B" use design values approved

Lumber grades designated with 1/30/2013 by ALSC

Left cantilever is exposed ç wind

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

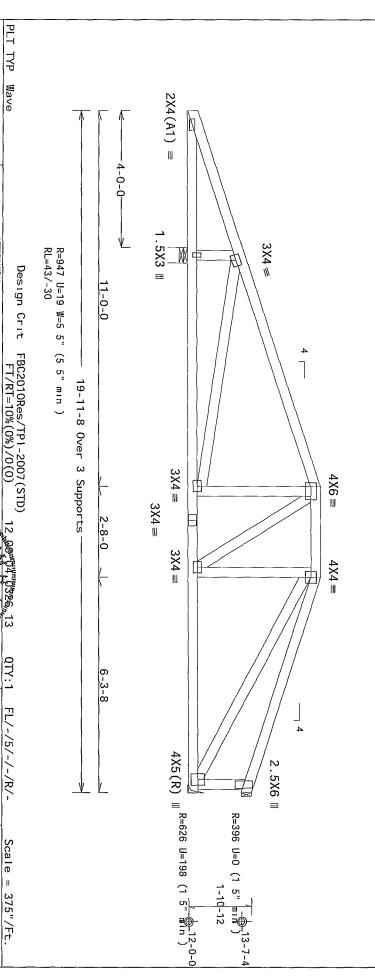
MWFRS loads based on trusses located at least 7 50 ft from roof edge

> 120 mph wind, 15 00 within 9 00 ft from wind BC DL=5 0 psf roof edge, R GCpı(+/-)=0 ft mean hgt, ASCE 7-1 roof edge, RISK CAT | GCp:(+/-)=0 18

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

In lieu of OC desıgn structural panels use purlins ç brace all flat TC @ 24"

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



ITW Building Components Group

I'W Bu Iding Components Group Inc. (ITWECD) shall not be respons ble for any deviation from the first time to be depended in the party of the board of the party of the party

TO NEED

BC LL BC DL TC DL

0.0

HC-ENG

MIK/MIK 335056

10 0

PSF PSF

DRW HCUSR9114 13337096

37.0

SEQN-

FROM

TC LL

20 0 PSF

REF

R9114- 2645

Scale

11

7.0 PSF

DATE

12/03/13

2/04/2013

SPACING DUR FAC TOT.LD

24.0" 1.25

JREF-

1V1V487\_Z03

Trusses require extreme care of fabricating handing an pping installing and bracking Reversity the intest edition of BESI (Building Component Sefety Information by TPI and MTCA) for the protein the intest of the prior to performing these functions. Installers shall provide temporary bracing page 100%, in this shall provide temporary bracing page 100%, this shall have a properly attached right can be properly attached structural sheathing and botton chord shall have a properly attached right can be not not shall have a properly attached right can be not not shall have a properly attached right can be not not shall have a properly attached right can be not not shall have a properly attached right can be not not shall have bracing installed por BESI sections 83 87 or 810 as applicable.

\*\* IMPORTANT\*\*

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

ALPINE

Top Bot Lumber grades designated with "13B" use design values approved  $1/30/2013\ \mbox{by ALSC}$ MWFRS loads based on trusses located at least 7 50 ft Bottom chord checked for 10 00 psf non-concurrent live PLT TYP Left cantilever is exposed ITW Building Components Group ( 13-285--Fill in later chord chord 2x4 chord 2x4 Webs 2x4 Orlando FL, 32837 FL COA #0 278 ALPINE Wave 2X4 (A1) 4 SP #1-13B 4 SP #1-13B 4 SP #3-13B 111 4-0-0-/Anita and Jerry West Resi ITW Build ng Components Group Inc. (ITWBCC) shall not be respons but for any deviation from any faviration from the first three to build the trues in conformance with AMSI/TPI 1 or for hand inglish pip not be reading of trueses. Apply places to each face of trues and position as shown above and on the board of the same places and the same of the same places and the same places are provided extensions. And drawing the same places are provided extensions and drawing in the same acceptance of profess and angience of drawing the same places are provided extensions. And drawing the same places are provided extensions and the same places are provided extensions. And drawing the same places are provided extensions and the same places are provided extensions. The same places are provided extensions and the same places are provided extensions. Trusses require extreme care in fabricating handling an phing installing and bracing florious the latest edition of BGSI (Building Component Sefety Information by TPI and NCA) for sample practices prior to performing these functions. Installers shall provide temporary bracing page 100%, in the property action of the property station and bottom confidence of the property attended structural sheathing and bottom chords the property attended of property attended of the property attended on the property attended of the property attended on the " IMPORTANT" to wind 1.5X3 ♦ \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS R=947 U=18 W=5 RL=49/-36 Design Crit 12-4-0 1.5X3 3X7 ≤ <u>ဟ</u> Lake City, from roof edge load FBC2010Res/TPI-2007(STD) FT/RT=10%(0%)/0(0) = 5 5'mın 9-11-8 <u>귀</u> 0ver EJ12 19'11"8 End Jack ) 3X4 ≡ ယ Supports 120 mph wind, 15 00 ft mean hgt, ASCE 7-10, within 9 00 ft from roof edge, RISK CAT II, wind BC DL=5 0 psf GCpi(+/-)=0 18 Wind loads and reactions based on MWFRS with additional Deflection meets L/240 live and L/180 total load factor for dead load is 1 50  $\,$ Negative reaction(s) of ~267# MAX case requires uplift connection 3X7 ≡ 4X4 ≅ STONE PROPERTY. 2/04/2013 3X4 ⊭ 279 BC LL BC DL SPACING TC PL TC LL DUR FAC TOT.LD. (See below) FL/-/5/-/-/R/-4X6(R) CLOSED bidg, EXP B, wind 2.5X6 37.0 20.0 PSF 24 1.25 10.0 PSF 0.0 PSF 7.0 PSF from o<sub>n</sub> Creep increase PSF a non-wind load R=163/-267 U=225 TC DL=3 5 psf, C&C member FROM SEQN-DATE REF R=667 U=0 (1 5" min ) DRW HCUSR9114 13337065 HC-ENG JREF-Scale = ...R9114-MM 1V1V487\_Z03 MHK/WHK 12/03/13 335023 .375"/Ft. (1 5" 2646 <u></u>

12-0-0

→ m:n

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

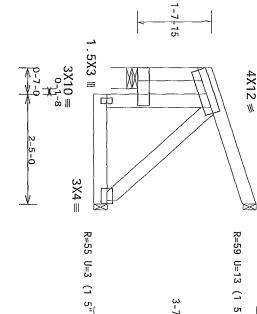
Lumber grades designated with 1/30/2013 by ALSC "13B" use design values approved

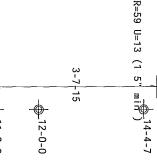
Deflection meets  $L/240\,$  live and  $L/180\,$  total load factor for dead load is 1 50 Creep increase

> nzu mph wind, 15 00 ft ranywhere in roof, RISK (DL=5 0 psf GCpr(+/-)=0 CAT I n hgt, ASCE II, EXP B, 7-10, wind CLOSED bldg, Located TC DL=3 5 psf, wind BC

Wind loads and reactions based on MWFRS with additional C&C member design  $% \left( 1\right) =\left\{ 1\right\} =$ 

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





<3-0-0-0ver 3-Supports

R=115 U=0 W=5 5" (5 5' min )

ITW Building Components Group ALPINE

Orlando FL, 32837 FL COA #0 278

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

QTY:4

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

TC LL

20.0 PSF

REF R9114- 2647

Scale = .5"/Ft.

7 0 PSF

DATE

12/03/13

Design Crit

PLT

TYP.

Wave

Trusses require extreme care in fabricat ng handling shipping install ng and bracing Ref. follow the latest of tion of BCSI (Bu Iding Component Safety Information by IPI and WTCA) not practices prior to perform ng these functions. Installiers shall provide temporary bracing paginises noted otherwise top chord shall have properly attached structural sheathing and better shall have a properly attached in glid country of the shall have a properly attached in glid country shall have a properly attached in glid country of the shall have a properly attached in glid country of the shall have a properly attached in glid country of the shall have a properly attached in glid country of the shall have a properly attached in glid country of the shall have a properly attached in glid country of the shall have a properly attached in glid country of the shall have a properly attached in glid country of the shall have a properly attached in glid country of the shall have a properly attached in glid country of the shall have a properly attached in glid country of the shall have a properly attached in glid country of the shall have a properly attached in glid country of the shall have a properly attached in glid country of the shall have a properly attached to glid country of the shall have a properly attached to glid country of the shall have a properly attached to glid country of the shall have a properly attached to glid country of the shall have a properly attached to glid country of the shall have a properly attached to glid country of the shall have a properly attached to glid country of the shall have a properly attached to glid country of the shall have a properly attached to glid country of the shall have a properly attached to glid country of the shall have a properly attached to glid country of the shall have a properly attached to glid country of the shall have a properly attached to glid country of the shall have a properly attached to glid country of the shall have a properly attached to glid country of the shall h \* IMPORTANT \* \*

ITW But Iding Components Group Inc. (ITWBCD) shall not be respons bit for any deviation fro any feliure to but id the trues in conformance with MASI/IPI 1 or for handling an poing in braicing of trueses. Apply places to each face of trues and position as ahound above and on a Details unless more determines left to drawing 160A-Z for standard place positions. A dealing of cover page listing this drawing indicates acceptance of profess coal engineering responsibility of the Building Designor par ANSI/IPI 1 Soc 2 for pore information see 1TW-BCG

CONTERNATION OF THE PARTY OF TH 2/04/2013 BC LL SPACING DUR. FAC. BC DL TC DL TOT LD.

37.0

PSF

SEQN-

335491

FROM

MM

24.0" 1.25

JREF-

1V1V487\_Z03

10 0

0

PSF PSF

HC-ENG WHK/WHK

DRW HCUSR9114 13337148

13-285--Fill in later /Anita and Jerry West Resi --Lake City, 딘 -EJ3 3' End Jack )

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

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

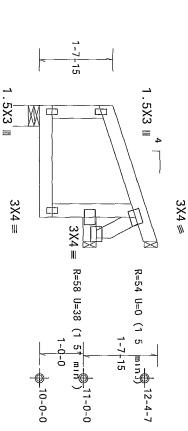
Lumber grades designated 1/30/2013 by ALSC with "13B" use design values approved

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

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

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

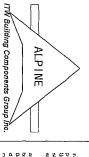
Deflection meets  $L/240\,$  live and  $L/180\,$  total load factor for dead load is  $1\,50\,$ Creep increase



<u> ≪3 0 0 0ver 3</u> 2-5-8 Supports 1-6-1

1.5X3 Ⅲ

R=112 U=0 W=5 5' (5 5' min )



Orlando FL, 32837 FL COA #0 278

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

Design Crit

PLT TYP Wave

Trusses require extreme care in fabricating handling at pping installing and broking flexible follow the latest edition of 853 (80 id ing Component Safety Information by TPI and WTCA) for the practices prior to performing these functions. Installiers shall provide temporary bracing per 855% of the stall before the stall have properly attached structural sheathing and better doors which have a properly attached rigid coal ing. Locations shown for permanent lateral restra of reboth shall have a properly attached rigid coal ing. Locations 83 87 or 810 as applicable in the stall have a properly attached per 853 sections 83 87 or 810 as applicable in the stall have a properly attached per 853 sections 83 87 or 810 as applicable.

ITW Building Components Group inc (ITWBGO) shall not be responsible for any deviation from any failure to shill that trues in conformance with MES/TPI 1 or for handling shipping in the sea ray of trues and post to as shown above and on the bear in unless noted deply places to each face of trues and post to as shown above and on the bear in unless noted of them so. Refer to drawings 160,4-2 for standard place passes to see the drawings 160,4-2 for standard place passes and responsibility soilsty for the dealing this drawing indicates acceptance of profess one are green responsibility soilsty for the dealiding beginner per MES/T/PI 1 acc 2 for more infringation so the responsibility of the dealiding beginner per MES/T/PI 1 acc 2 for more infringation so TW BCG

SI CONTER 2/04/2013 BC LL BC DL SPACING DUR. FAC TC DL TOT.LD

37.0

PSF

FROM SEQN-

24.0" 1.25

JREF-

1V1V487\_Z03

10 0

PSF

DRW HCUSR9114 13337142

0.0 PSF

HC-ENG

WHK/WHK

335488

TC LL

20 0 PSF

REF R9114- 2648

Scale = 5"/Ft

7.0 PSF

DATE

12/03/13

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

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

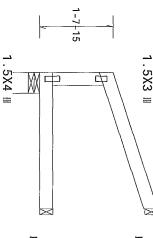
Lumber grades designated with 1/30/2013 by ALSC "13B" use design values approved

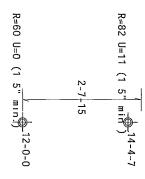
Bottom chord checked for 10 00 psf non-concurrent live load

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





Compare the second s

R=112 U=6 W=5 5' (5 5 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 FBC2010Res/TP1-2007(STD) FT/RT=10%(0%)/0(0)

> > 97.

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

Scale = .5"

/Ft.

R9114- 2649

TC LL

20 0 PSF

7.0 PSF

DATE REF

12/03/13

Design Crit

PLT TYP

Wave

Trusses require extreme care in fabr cating handling shipping installing and bracing lent follow the latest edition of BGS1 (Building Component Safety Information in PTF1 and WTGA) for practices prior to performing these functions. Installers shall provide temporary bracing performing these functions in the properly attached structural sheathing and bottog things noted otherwise top chord shall have properly attached in gloce in ling Locations shann for permanent lateral restrains shall have a properly attached in gloce in ling Locations shall have a properly attached in gloce in the shall have a properly attached in gloce in shall have a properly attached in gloce in shall have a properly attached in gloce in gloce time shall have a properly attached in gloce in gloce to shall have a properly attached in gloce in gloce to shall have a properly attached in gloce in gloce to shall have a properly attached in gloce the gloce to gloce the gloce to gloce the gloce to gloce the gloce that gloce the gloce th \*\* IMPORTANT \*\*

ITM Building Components Group inc (ITMBCD) shall not be responsible for any deviate on fro any failure to build the trues n conformance with MBS(ITM) 1 or for handling ab paing not brace may for trueses. Apply plates to each foce of trues and post to may shaum above may not be responsible to the proposition of the standard plates to be continued to the standard plates to be continued to the standard plates to be continued to the standard plates to the standard plates to the standard plates of the sta

ROMER. 2/04/2013 BC LL BC DL TC DL SPACING DUR.FAC. TOT.LD

37.0

SEQN-

335482

10.0 PSF

0.0

PSF PSF

> HC-ENG WHK/WHK DRW HCUSR9114 13337064

24.0" 1.25

1V1V487\_Z03

FROM JREF-

MM

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

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

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

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

lhese hangers and support conditions used at bearings indicated
(H1) = Simpson

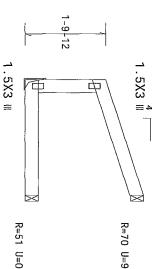
Bottom chord checked for

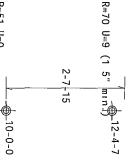
10 00 psf

non-concurrent live load

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

Hanger not calculated
Hanger not calculated Hanger not calculated Hanger not Hanger not calculated Hanger not calculated





2-6-8 Over

R=95 U=5

ITM Building Components Group ALPINE

Orlando FL, 32837 FL COA #0 278

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

0TY:6

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

Scale = .5"/Ft. R9114- 2650

TC LL

20.0 PSF 7.0

PSF

DATE REF

12/03/13

PLT TYP. Wave

Trusses require extreme core in rebricating handing ab phing wealing and bracing the follow the latest edit on or BS1 (84 ut ng Component Safety Information by 77) and WIND 70% practices prior to performing these funct unas properly installers shall provide temporary bracing beginning to be component and performing the performing the properly accordance to the performance to th Unless noted otherwise top chord shall have properly stacked strope chart shall have a properly attached right shall have a properly shall have bracing installed per BCSI sections 83 87 or B10 as applicable. \*\* IMPORTANT\*\* \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

I'M Building Components Group inc (I'MBCD) stail not be responsible for any deviat on from the filter to build the trust in conformance with MBSL/TPI 1 more handing assigning an appearing of trustes. Apply plates to each fice of trust and post to an absenting bost ions. A betail is unless rocked externation Backer to drawing 150A.2 for standard plate post ions. A betail is unless rocked externation Backer to drawing 150A.2 for standard plate post ions of crawing 150A.2 for standard plate post ions of crawing 150A.2 for standard plates are consistent of the standard plates and increase of the standard plates are consistent or consistent of the Building Designer per ANSL/TPI 1 Sec 2 for more information see

TW-BCC STONAL EVEN NEW

12/04/2013

SPACING DUR.FAC.

24.0" 1.25

1V1V487\_Z03

BC LT BC DL TC DL

0.0

PSF

HC-ENG WHK/WHK DRW HCUSR9114 13337112

10.0 PSF

TOT.LD.

37 0

PSF

SEQN-

335037

FROM JREF-

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

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

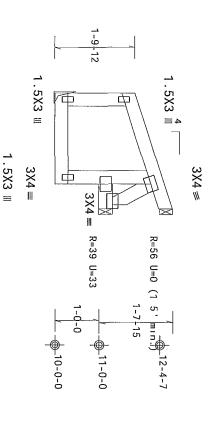
Bottom chord checked for 70 00 psf non-concurrent live

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, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, 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

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





R=95 U=0

ITW Building Components Group ALPINE

Orlando FL, 32837 FL COA #0 278

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

QTY:5

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

Scale =.5"/Ft. R9114- 2651

TC LL

20.0 PSF

7.0 PSF

DATE REF

12/03/13

Design Crit

PLT TYP Wave

Transact require extreme care in fabr cating handling shipping installing and bracing Ref. follow the latest of tion of BCS] (But in a Component Safety Information by Flat and WFCA) for practices prior to performing these functions. Installing shall provide temporary bracing page Withinson noted otherwise top chord shall have properly attended rigid or filling. Constitions shown for permanent bacters i certain a shall have a properly attended rigid or filling. shall have a properly attached rigid ceiling. Locations shown for permanen shall have bracing installed per BCSI sections B3 B7 or B10 as applicable IMPORTANT\*\*

ITW Building Components Group Inc (ITWBCC) shall not be respons ble for any deviation from any failure to build the truss in conformance with AMSI/TPI 1 or for handling shipping in bracing of trusses Apply places to each face of truss and position as shown above and on bota is unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. A drawing or cover page 1 sting this drawing indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any

TONKEN.

BC LL BC DL TC DL

10.0

PSF

DRW HCUSR9114 13337073

HC-ENG WHK/WHK

TOT.LD.

2/04/2013

SPACING DUR.FAC.

24.0" 1.25 37.0 PSF 0.0 PSF

JREF-

1V1V487\_Z03

FROM

SEQN-

335014

CLOSED bldg, not located EXP B, wind TC DL=3 5 psf,

Top chord Bot chord Webs 2×4 2×4 2×4 ф \$ #1-13B #1-13B #3-13B

use design values approved

Lumber grades designated with "13B" 1/30/2013 by ALSC

Left cantilever is exposed to wind

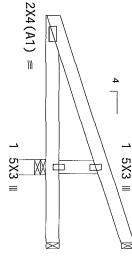
Deflection meets L/240 live and L/180 total load factor for dead load is 1 50

Creep increase

Bottom chord checked for

10 00 psf non-concurrent live load

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





 $R=-128 \text{ Rw}=27 \frac{V}{U=93} + 21-8-0$ 

5-0-0 Over 3 Supports R=614 U=73 W=4" (4" min )

**Building Components Group** ALPINE

Orlando FL, 32837 FL COA #0 278

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=10%(0%)/0(0)

03:104:10826.13

0.1 0.1

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

TC LL

20.0 PSF

REF R9114- 2652 Scale =.5"/Ft.

7.0 PSF PSF

DATE

12/03/13

PLT TYP

Wave

Trusses require extreme care in fabr cating handling shipping instelling and broking Rong follow the latest edition of BSI (Balid in Component Serety Information by FRI and MTCA) for practices prior to performing these functions. Install less shall provide temporary bracing page of the liness noted otherwise top chord shall have properly attached structural sheathing and bottop the shall have a properly attached in a consistent of properly attached structural sheathing the shall have a properly attached in a consistent of shall have a properly attached in a consistent of properly attached in a consistent of shall have a properly attached in a consistent of shall have a properly attached in a consistent of shall have a properly attached in a consistent of shall have a properly attached in a consistent of the shall have a properly attached the shall have a properly attached in a consistent of the shall have a properly attached to shall have a properly attached the shall have a proper

I'W Building Components Group Inc. (ITWBCC) shall not be responsible for any deviat on from any failure to build the truss in conformance with ANSI/TPI 1 or for handing shipping in bracing of trusses. Apply places to each face of truss and position as shown above and no beca is unless noted eitherwise. Refer to drawings 180A-Z for standard place spite ons. A drawing or cover page listing this drawing indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any the responsibility of the Building Designer per ANSI/TPI 1 Sec 2 for more information see general notes page. ITW-BCG www.litubcg.com. TPI www.tpinstorg. WICA www.sbcindustry.com.

TONKER. 2/04/2013 BC LL BC DL TC DL SPACING DUR. FAC TOT.LD.

37.0

PSF

335510

1.25

24.0"

JREF-FROM SEQN-

1V1V487\_Z03

10.0

0.0 PSF

HC-ENG WHK/WHK DRW HCUSR9114 13337144

Bot chord 2x4 SP 2850f-2 chord 2x4 SP 2850f-2 Webs 2x4 SP #3-13B 3E

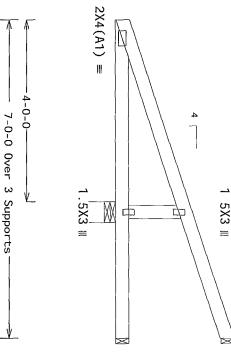
Lumber grades designated with "13B" use design values approved  $1/30/2013\ \mbox{by ALSC}$ 

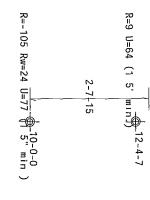
Left cantilever is exposed to wind

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

> Wind loads and reactions based on MWFRS with additional C&C member 120 mph wind, 15 00 ft r anywhere in roof, RISK ( DL=5 0 psf GCpi(+/-)=0 hgt, ASCE 7-10, CL II, EXP B, wind TC CLOSED \_OSED\_bldg, Located DL=3 5 psf, wind BC

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





3 Supports R=698 U=28 W=5 5" (5 5" min

" IMPORTANT ...

PLT TYP

Wave

\*\*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=10%(0%)/0(0)

27:1

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

TC LL

20.0 PSF

REF R9114- 2653

Scale =

.5"/Ft.

7.0 PSF

DATE

12/03/13

Trusses require extreme care in fabricating handling at pping installing and bracing long follow the latest edition of BCSI (Building Component Safecy) Information by TPI and WTCA) foreign practices prior to performing these functions. Installers shall provide temporary bracing page 1881 lines noted otherwise top chord shall have properly attached structural sheathing and bottog chory shall have a properly attached rigid colling Locations shown for permanent lateral restrails of we shall have a properly attached rigid colling Locations shown for permanent lateral restrails of we shall have a properly attached rigid colling Locations shown for permanent lateral restrails of we shall have a properly attached rigid colling Locations shown for permanent lateral restrails of we shall have a properly attached rigid colling Locations shown for permanent lateral restrails of we shall have a properly attached rigid colling Locations shown for permanent lateral restrains of we shall have a properly attached rigid colling Locations shown for permanent lateral restrains of the properly attached rigid colling Locations shown for permanent lateral restrains of the properly attached permanent lateral restrains of the permanent lateral restrains of the properly attached permanent lateral restrains of the p

ITW Building Components Group inc. (ITWBCC) shall not be respons bile for any deviation any failure to build the trues in conformance with AMS/ITPI 1 or for handling shipp bracing of trueses. Apply places to each face of truss and post on as shown above an Betails unless noted otherwise. Refer to drawing in 1802-2 for standard plate position drawing or cover page I stilling this drawing in caches acceptance of professional negit responsibility of the Building Designer por AMS/ITPI 1 Sec. 2 for more informatic general notes page. ITW-BCG www. tubog.com ITPI www.ppinstorig.WTCA www.sbcindustring.

ITW Building Components Group

**ALPINE** 

Orlando FL, 32837 FL COA #0 278



37 0

PSF

SEQN-HC-ENG

335044

FROM

10.0

DRW HCUSR9114 13337113

MIK/MIK

0.0

PSF PSF

24.0" 1.25

JREF-

1V1V487\_Z03

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

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

Left cantilever is exposed ţ wind

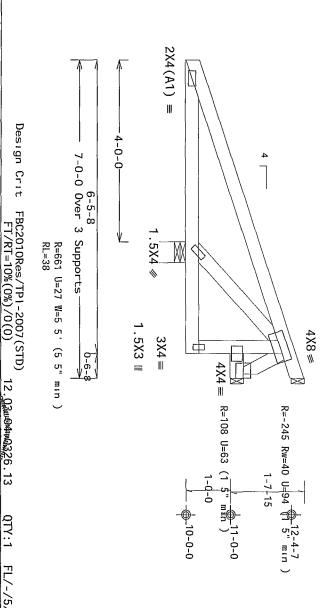
Bottom chord checked for 10 00 psf non-concurrent live load

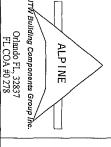
Negative reaction(s) of -245# MAX case requires uplift connection (See below) from a non-wind load

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

desıgn 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





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

0TY:1

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

TC LL

20.0 PSF

REF R9114- 2654 Scale =.5"/Ft.

7.0 PSF

DATE

12/03/13

PLT TYP

Wave

Trusses require extreme care in fabricating handling shipping installing and bree ng Ret follow the latest edition of BCSI (Building Component Safety Informat on by Pil and WTCA) foo practices prior to performing these functions. Installers shall provide temporary bracing pay thinks noted otherwise top chord shall have properly attended rigid on ling Locations shown for permanent lateral restricts shall have a properly attended rigid on ling Locations shown for permanent lateral restricts shall have a properly attended rigid on ling Locations shown for permanent lateral restricts shall have a properly attended per BCSI sections BS 87 or B10 as applicable

ITW Bu Iding Components Group Inc. (ITWECQ) shall not be response ble for any devartion from the any failure to build the truss in conformance with ANSI/IPDI 1 or for handling shipping like any for one of truss and position in as shown above and on the above and any sequence of posters on the above and one above and the above

ENG

12/04/2013

SPACING DUR.FAC.

NEER

BC LL BC DL TC DL

0.0 PSF

HC-ENG WHK/WHK DRW HCUSR9114 13337081

10.0 PSF

T0T LD.

37.0

PSF

335029

1.25 24.0"

> FROM SEQN-

MMU

JREF-

1V1V487\_Z03

Top chord 2x4 SP 2850f-2 3E Bot chord 2x4 SP 2850f-2 3E Webs 2x4 SP #3-13B

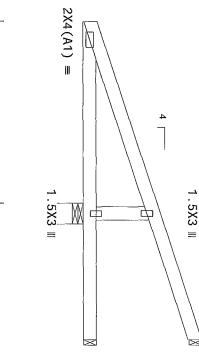
Lumber grades designated with "13B' use design values approved  $1/30/2013\ by\ ALSC$ 

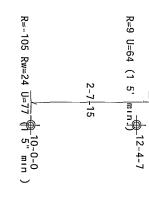
Left cantilever is exposed to wind

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

> Wind loads and reactions based on MWFRS with additional C&C member design  $% \left( 1\right) =\left\{ 1\right\} =$ 120 mph wind, 15 00 ft mean anywhere in roof, RISK CAT | DL=5 0 psf GCpi(+/-)=0 18 hgt, ASCE 7-10, wind TC DL=3 5 psf, wind BC

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





4-0-0-7-0-0 Over 3 Supports R=698 U=28 W=5 5" (5 5" min )

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

QTY:43 FL/-/5/-/-/R/-

Scale = .5"/Ft. R9114- 2655

20.0 PSF

7.0 PSF

DATE REF

12/03/13

PLT TYP

Wave

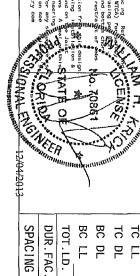
Trusses require extreme dare in fabr catt on banding shipping installing and bracing Reco. 
follow the latest edition of BCSI (Building Component Safety Information by TPI and WTCA) for 
practices prior to performing these functions. Installers shall provide temporary bracing page [2]
liniess noted otherwise top chord shall have properly attached structurals sheathing and betten close 
shall have a properly attached rigid cet ing Loar one shown for permanent lateral restraget or 
shall have a properly attached rigid cet ing. \*\*IMPORTANT\*\*

ITW Building Components Group inc (ITWECQ) shall not be responsible for any deviation real any failure to build the trust in conformance with ABS/ITP1 or for handing as highing thereing of trustees. Apply plates to each face of trust and position as abone above and of Details unless ancord otherwise Market for to drive high 1804-2 for extendand plate positions. Octave ng not output plate positions of the many of cover page 1 sting at 16 drawing indicates acceptance of processions in significant processing for any responsibility solety for the Building Designer per ANS/ITP1 1 Sec 2 representations from the contract plate of the solety for the Building Designer per ANS/ITP1 1 Sec 2 representations.

ITW Building Components Group

ALPINE

Orlando FL, 32837 FL COA #0 278



37 0

PSF

SEQN-

1.25

FROM JREF-

MM

24.0"

1V1V487\_Z03

10.0

DRW HCUSR9114 13337124

0.0

PSF PSF

HC-ENG

WHK/WHK 335011

Bot PLT MWFRS loads based on trusses located at least  $15\ 00$  edge Bottom chord checked for 10 00 psf non-concurrent live Lumber grades designated with 1/30/2013 by ALSC Left cantilever is exposed to wind (13-285--Fill in later ITW Building Components Group chord 2x4 SP #1-13B chord 2x4 SP #1-13B Webs 2x4 SP #3-13B Τ¥ Orlando FL, 32837 FL COA #0 278 ALPINE Wave 2X4 (A1) ||| 4-0-0 /Anıta ITW Building Components Group Inc. (ITWGC) shall not be responsible for any devarion frame that the truss of conformance with ARSI/FPI i or for handling shipping it bracing of crusses. Apply plates to each frame of truss and position as shown above and on the surface is unless mored others as Refer to drawing 1804.2 for standard plate position and drawing or cover page listing this drawing indicates acceptance of professional angineering responsibility solely for the design shown. The suttability and use of this design for any component of the Building Designer per ANSI/TPI 1 Sec 2. for more information and the second control of the Building Designer per ANSI/TPI 1 Sec 2. for more information and the second control of the Building Designer per ANSI/TPI 1 Sec 2. for more information and control of the Building Designer per ANSI/TPI 1 Sec 2. for more information and control of the Building Designer per ANSI/TPI 1 Sec 2. for more information and control of the Building Designer per ANSI/TPI 1 Sec 2. Trusses require extreme care in fabr caring handing shipping installing and bracing file follow the latest edition of 8631 (Building Component Safety Information by TP) and WTCA) for practices prior to performing these functions. Installers shall provide temporary bracing page in the property attended structural sheathing and bottom liness noted otherwise top bed of the latest property attended of gifting least one shown for permanent lateral restragges that I have a property attended of gifting least one shown for permanent lateral restragges that I have a property attended of gifting least one shown for permanent lateral restragges that I have a property attended of gifting least one shown for permanent lateral restragges that I have a property attended of gifting least one shown for permanent lateral restragges that I have a property attended of gifting least one shown for permanent lateral restragges that I have a property attended of gifting least one shown for permanent lateral restragges that I have a property attended on the permanent lateral restragges that I have a property attended on the permanent lateral restragges that I have a property attended to the permanent lateral restragges that I have a property attended to the permanent lateral restragges that the permanent lateral restragges the permanent lateral restragges that the permanent lateral restragges the permanent lateral restragges the permanent " IMPORTANT " "13B' use design values approved and Jerry West \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURRISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS 1.5X3 3X4 ≤ R=946 U=16 9-0-0 Design ≡ Resi ₩=5 Crit ŀ ţ G Lake City, load from roof FBC2010Res/TP1-2007(STD) FT/RT=10%(0%)/0(0) 5 5" min 19-11-8 3X4 ≡ 끈 4X6 =EJ9 0ver 3X4 ≡ 19 11"8 ω Supports 120 mph wind, 19 within 9 00 ft 1 wind BC DL=5 0 p End Wind loads and reactions based on MWFRS with additional C&C member des i gn Deflection meets L/240 live and L/180 total load factor for dead load is 1 50  $\,$ In lieu of OC Jack structural panels use purlins CAREA ... from psf 15 00 3X4 ≡ 5X6≡ ft mean hgt, ASCE 7-roof edge, RISK CAT GCp:(+/-)=0 18 QTY:1 4-11-8 BC LL BC DL TC DL DUR.FAC. TOT.LD. TC LL FL/-/5/-/ ţ CLOSED EXP B, brace all flat TC @ 24" 3X4 == 37 0 1.25 20 0 PSF /-/R/-3X4 Ⅲ 10.0 PSF 0.0 PSF 7.0 PSF Creep bldg, not located wind TC DL=3 5 psi PSF R=437 U=23 R=270 U=0 (1 5" min increase DATE REF FROM SEQN-DRW HCUSR9114 13337074 HC-ENG Scale R9114- 2656 3 (1 5" min.) ,11 psf, WHK/WHK 12/03/13 335081 .375"/Ft.

12/04/2013

SPACING

24.0"

JREF-

1V1V487\_Z03

Bot Fop Lumber grades designated with '13B" 1/30/2013 by ALSC 13-285--Fill in later chord 2x4 chord 2x4 Webs 2x4 4 SP #1-13B 4 SP #1-13B 4 SP #3-13B /Anita and Jerry West Resi -- Lake City use design values approved 120 mph wind, 15 00 ft mean hgt, ASCE 7-10, within 9 00 ft from roof edge, RISK CAT II, wind BC DL=5 0 psf GCpr(+/-)=0 18 Wind loads and reactions based on MWFRS with additional desıgn ASCE 7-10, CLOSED bldg, not located SK CAT II, EXP B, wind TC DL=3 5 psf, C&C member

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

In lieu of structural panels use purlins to brace  $\theta c$ 

all flat TC @ 24'

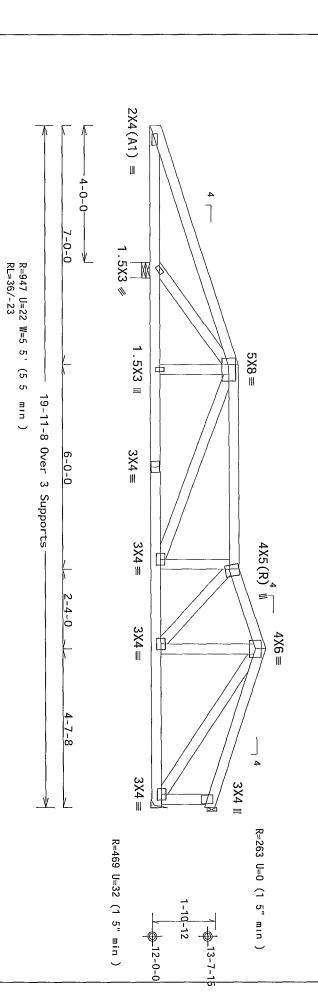
MWFRS loads based on trusses located at least  $15\ 00\ \text{ft}$  edge

Bottom chord checked for 10 00 psf non-concurrent live

load

from roof

Left cantilever is exposed to wind



PLT TYP

Wave

"IMPORTANT"

ITW Building Components Group

the responsibility solely

REALER MAN

DUR. FAC.

FROM JREF-

TOT LD.

37.0

PSF

SEQN-

335077

SPACING

1.25 24.0"

1V1V487\_Z03

12/04/2013

ALPINE

ITW Building Components Gro ny fa lure to build the trus Trusses require extreme care in fabricating handing shipping installing and bracing Rei follow the latest edition of BCSI (Bu lding Component Safety Information by TPI and WTCA) for practices prior to performing these functions. Installers shall provide temporary bracing per United States and the transfer of the property attached structural sheathing and borton unless noted otherwise top chord shall have properly attached structural sheathing and borton unless noted otherwise top chord shall have properly attached structural sheathing and borton unless that the proper is the structural sheathing and borton unless that the property attached structural sheathing and borton unless that the property attached structural sheathing and borton unless that the property attached structural sheathing and borton unless that the property attached structural sheathing and borton unless that the property attached structural sheathing and borton unless that the property attached structural sheathing and borton unless that the property attached structural sheathing and borton unless that the property attached structural sheathing and borton unless that the property attached structural sheathing and borton unless that the property attached structural sheathing and borton unless that the property attached structural sheathing and borton unless that the property attached structural sheathing attached structural sheathing and the property attached structural sheathing and the property attached structural sheathing attached structur

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

Design Crit

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

QTY:1

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

Scale =

.375"/Ft

TC LL

20.0 PSF

R9114- 2657

7.0 PSF

REF DATE

12/03/13

TC DL BC LT

10.0 PSF

DRW HCUSR9114 13337097

0 0 PSF

HC-ENG

MIK/WIK

13-285--Fill in later /Anita and Jerry West Resi --Lake City Ξ FTG1 15 4 \_ Flat Girder

Bot chord chord Webs 2x4 2x4 2x4 1 SP M-30 1 SP M-30 1 SP #3-13B 12 8 2x4 SP #2-13B

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

Special loads From 276 45 300 42 245 27 183 21 220 93 216 98 From Lumber r Dur Fac 177 pif a 10 pif a 55555 Conc Conc Conc Conc Conc at 0 00 at 0 00 at 0 00 at Load at Plate 11 11 11 11 11 06 06 06 28 28,13 e Dur Fac 177 pif at 10 pif at 28 at <u>"</u> 25) 5 34 5 34

(K) Hanger Support Required, by others ) = HUS26  $\rm w/$  (2)2x6 SP #2-13B supporting membe (14) 0 162"x3 5" nails into supported member (4) 0 162 x3 5" nails into supported member,

Truss must be installed as shown with top chord up

120 mph wind, 16 28 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 EXP B, bldg, not located wind TC DL=3 5 ps

Wind loads and reactions based on MWFRS

End verticals not exposed to wind pressure

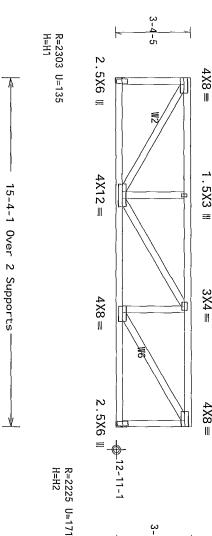
 $\rm H=recommended$  connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information

Hanger specified assumes connection to supporting minimum of five times the depth of the supporting unsupported end, unless unsupported chord end has coverage g chord is located g chord from any s 85% plating

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

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

The TC of this truss shall be braced with attached spans at 24" lieu of structural sheathing ၉ Ξ.



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

> > 03,104,0326

QTY:1

FL/-/5/-/

20.0 PSF '-/R/-

REF R9114- 2658

Scale =

25"/Ft

7.0 PSF

DATE

12/03/13

Design Crit

¥

Wave

Trusses require extreme care in fabr cating handling shipping installing and bracing Ret follow the latest of tion of BGSI (Building Component Sarcty Information by TPI and WTCA) for practices prior to performing these functions. Installers shall provide temporary bracing practices noted otherwise top chord shall have properly attached structurels shouthing and button shall have a properly attached rigid colling. Locations shown for permanent lateral restraints shall have a properly attached rigid colling. \*\*IMPORTANT\*\*

I'W Building Components Group Inc. (ITWBCC) shall not be responsible for any deviate or far any failure to build the truss in conformance with AUSI/TPI 1 or for handing shipping any failure to build the truss in conformance with AUSI/TPI 1 or for handing shipping braicing of trusses Apply plates to each face of truss and past tion as shawn above and on the same of the same of the same shown and on the same shown and on the same shown and the s

STONAL SUCCESSION OF THE STORY CEN 12/04/2013 BC LL TC DL DUR.FAC. BC DL SPACING TOT.LD. TC LL

37.0

SEQN-

335167

FROM

MM

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HC-ENG

MIK/WIK

DRW HCUSR9114 13337123

24. 1.25

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JREF-

1V1V487\_Z03

Top chord 2x4 SP #1-13B Bot chord 2x4 SP #1-13B Webs 2x4 SP #3-13B ( 13-285--Fill in later /Anita and Jerry West Resi Lake City 된 -H11A 32'8

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 bidg, not located EXP B, wind TC DL=3 5 ps:

Lumber grades designated with "138" use design values approved  $1/30/2013\ \mbox{by ALSC}$ 

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

Left and right cantilevers are exposed to wind

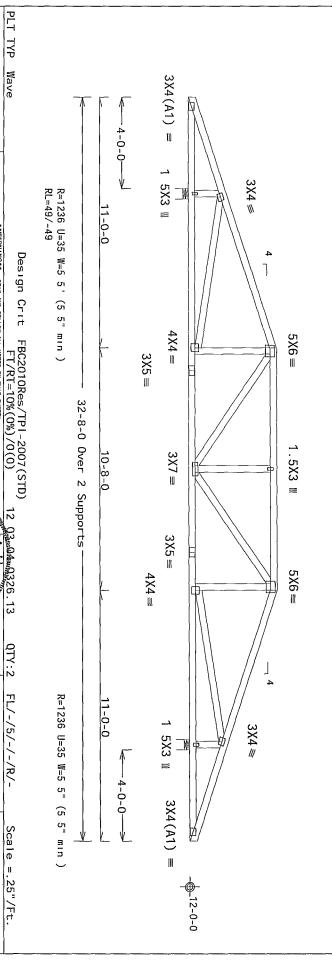
> In lieu of structural panels use  $\ensuremath{\mathfrak{0C}}$ purlins to brace all flat TC @ 24"

Bottom chord checked for 10 00 psf non-concurrent live MWFRS loads based on trusses located at least 7 50 ft

from roof edge

load

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





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

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R9114- 2659

II

7 0 PSF

DATE REF

12/03/13

Trusses require extreme care in fabricating handing shipping installing and bracing feolow the latest edition of BCSI (Building Component Safety Information by TPI and WTCA) footpractices prior to performing these functions. Installers shall provide temporary bracing permitted the permitted by the permitted structural sheathing and boreparticles. The permitted by the permitted structural sheathing and boreparts at the permitted permitted by the permitted structural sheathing and boreparts and the permitted permitted permitted by the permitted permitt

I'll Building Components Group Inc. (ITREGO) shall not be responsible for any day atten for both the first three to the beautiful that trust in conformance with MSI/TPI 1 per for handling at phing as phing as the second force of trusts and post or not hard manner and the first three second force of trusts and post or not hard manner and force of the second force o

WANT THE WANTE 12/04/2013 BC DL TC DL SPACING DUR.FAC. TOT.LD.

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FROM SEQN-HC-ENG

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DRW HCUSR9114 13337133

WHK/WHK

335493

24.0" 1.25

JREF-

1V1V487\_Z03

13-285--Fill in later /Anıta and Jerry West Res! --Lake City 끈 -H13A 32'8 Stepdown Hip )

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

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

Left and right cantilevers are exposed to wind

Bottom chord checked for 10 00 psf non-concurrent live

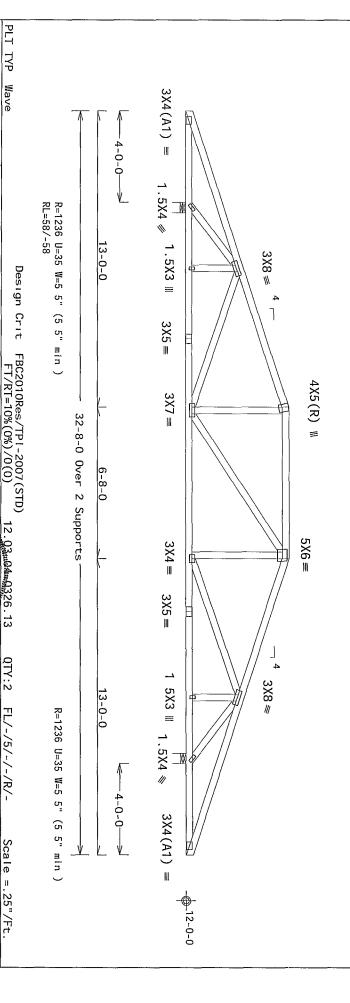
MWFRS loads based on trusses located at least 7 50 ft from roof edge

> 120 mph wind, 15 00 within 9 00 ft from wind BC DL=5 0 psf ft mean hgt, ASCE roof edge, RISK C/GCp<sub>1</sub>(+/-)=0 18 CE 7-10, CLOSED bldg, EXP B, wind not located TC DL=3 5 ps: psf,

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

ln lieu of structural panels use
0C des i gn purlins to brace all flat TC @ 24"

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



ITW Building Components Group

ITW Building Components Group Inc. (ITWBCC) shall not be respons ble for any deviation for the say failure to build the truss in conformance with AMS\_ITPL 1 or for handling shipping the said broading of trusses Apply places to early face of truss and post to max shown amone and on the John of the said of

CINET .

BC LL BC DL TC DL

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SEQN-HC-ENG

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DRW HCUSR9114 13337134

MHK/WHK

TC II

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R9114- 2660

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DATE REF

12/03/13

12/04/2013

SPACING DUR.FAC. TOT.LD.

24.

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1V1V487\_Z03

1.25 37.0

FROM

Trusses require extreme care in fabricaring handling shipping instilling and bricing follow the latest edition of BCSI (Building Component Safety Information by TPI) and MTCA) foo practices prior to performing these functions. Installors shall provide temporary bracing populations from force otherwise, top chord shall have properly attached structural sheathing and botch shall have a properly attached rigid cet in cleasines shown for permanent lateral restricts shall have a properly attached rigid cet in cleasines shown for permanent lateral restricts shall have a properly attached per BCSI sections 83 B7 or B10 as applicable

\*\* IMPORTANT\*\*

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

ALPINE

Top chord 2x4 SP #1-13B Bot chord 2x4 SP #1-13B Webs 2x4 SP #3-13B ( 13-285--Fill in later /Anıta and Jerry West Resi -- Lake City, 円 | H15A 32 ω Stepdown Hip )

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 bidg, EXP B, wind not located TC DL=3 5 psf,

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

In lieu of structural panels use purlins to brace  ${\tt OC}$ all flat TC @ 24"

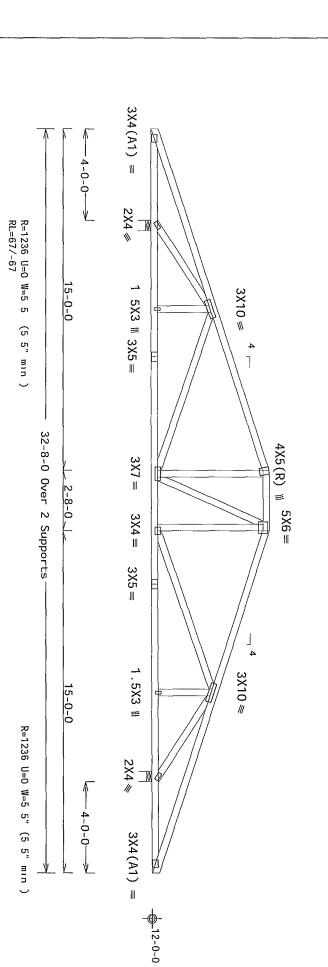
Deflection meets L/240 live and L/180 total load factor for dead load is 1 50  $\,$ Creep increase

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

from roof

Left and right cantilevers are exposed to wind

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



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=10%(0%)/0(0)

QTY·2

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

20.0 PSF

REF R9114- 2661

Scale = .25"/Ft.

7.0 PSF

DATE

12/03/13

₹P.

Wave

Trusses require extreme care in fabr eating handling shipping installing and bracing Reck to present the laters exist on of BESI (Building Googhaper). The follows the laters exist on of BESI (Building Googhaper) which is presented by the component bracing produced for the performing those functions installers shall provide to component bracing produced by the second ordered by the produced by the second ordered by \*\* IMPORTANT\*\*

ITW Building Components Group inc. (ITWEGG) shall not be respons ble for any deviation from many failure to build the trusts in conformance with MESI/TPI 1 or for handling shipping in bracing of trussess. Apply plates to each face of truss and position as shown above and on the conformal formal form

CAREA

BC LL BC DL TC DL TC LL

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DRW HCUSR9114 13337136

37.0 PSF

SEQN-

335484

HC-ENG

WHK/WHK

FROM

12/04/2013

SPACING DUR.FAC. TOT LD.

24.0" 1.25

JREF-

1V1V487\_Z03

Bot Bot 13-285--Fill in later chord Webs chord /Anita and Jerry West Resi

2×4 2×4 2×4 1 SP #1-13B 1 SP #1-13B 1 SP #3-13B

-

Lake City,

FL -

H9A 24'8"

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

Left and right cantilevers are exposed to wind

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

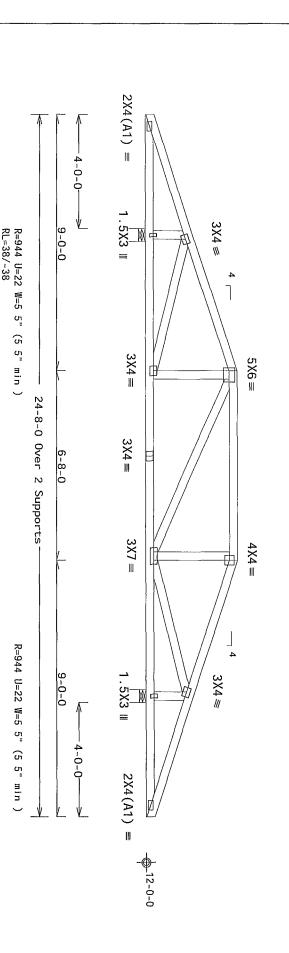
MWFRS loads based on trusses located at least 7 50 ft from roof edge

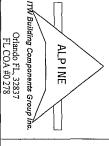
> 120 mph wind, 15 00 within 9 00 ft from wind BC DL=5 0 psf ft mean hgt, ASCE 7-10, roof edge, RISK CAT II, GCp:(+/-)=0 18 CLOSED bldg, not located EXP B, wind TC DL=3 5 psi psf

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

In lieu of s OC design structural panels use purlins ç brace all flat TC @ 24"

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

Design

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

PLT TYP

Wave

Trussos require extreme care in fabricat ng handling shipping installing and bracing Ref. follow the latest edition of BCSI (Building Component Safety Information by IPI and WFCA) for practices prior to performing these functions. Installiers shall provide temporary bracing pcg linices noted otherwise top chord shall have properly attached in a component shall have a properly attached the component shall be component shall be component to provide temponent shall be component s \*\* IMPORTANT\*\*

ITW Building Components Group inc (ITWBCC) shall not be responsible for any deviat on fra any failure to build the trust of control of the build the trust of the build of the build of beauting the building the building beauting the building the building the building the building the building beauting the building buildi

RONKER. 12/04/2013 SPACING DUR. FAC

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R9114- 2662

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DATE

12/03/13

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Scale

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.3125"/Ft

TOT LD

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FROM SEQN-

24.0"

JREF-

1V1V487\_ 

\_Z03

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

( 13-285--Fill in later

/Anita

and Jerry West Resi ---

Lake City,

卫

НЭВ

19'2"

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

Left and right cantilevers are exposed to wind

Bottom chord checked for 10 00 psf non-concurrent live

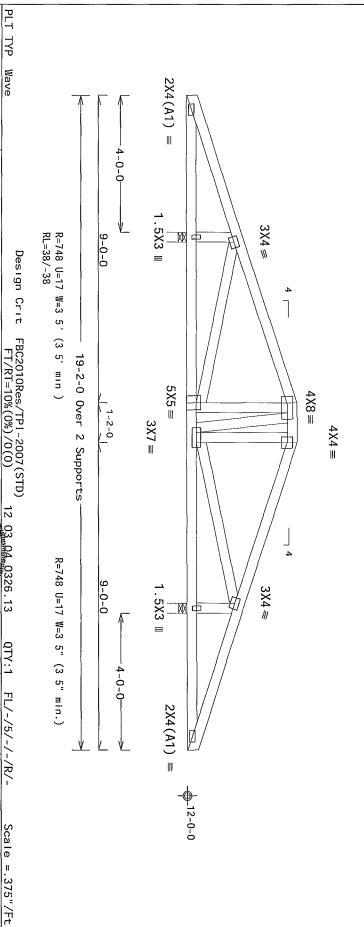
MWFRS loads based on trusses located at least 7 50 ft from roof edge

> 120 mph wind, 15 00 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 B, wind TC DL=3 5 ps1 psf

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

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



ITW Building Components Group

Details unless noted otherwise Refer to drawing or cover page I sting this drawing respons bity solely for the does gn shown the respons bity of the Build no bes and

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BC LL BC DL TC DL TC LL

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1V1V487\_Z03

12/04/2013

11% Building Components Group Inc (11%606) shall not be responsible for any deviat on fing faire to build the truss in conformance with ARSI/PPI 1 or for handing shipping bracing of trusses. Apply plates to each face of truss and post to as shown above and on Details unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.

ALPINE

Trusses require extreme care in fabricating handling shipping installing and bracing Refollow the latest edition of BGSI (Building Component Safety Information by TPI and WCA) for practices prior to performing these functions. Installers shall provide temporary bracing performing the property attached structural shoathing and bookers with the property attached structural shoathing and bookers shall have a property attached riglic documents.

\*\* IMPORTANT\*\*

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

Bot Lumber grades designated with "13B" use design values approved 1/30/2013 by ALSC 13-285--Fill in later chord 2x4 SP #1-13B chord 2x4 SP #1-13B Webs 2x4 SP #3-13B /Anita and Jerry West Resi --Lake City, 된 -H9C 32'8" Stepdown Hip ) 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 ft mean hgt, ASCE 7-10, roof edge, RISK CAT II, GCp:(+/-)=0 18 CLOSED bidg, not located EXP B, wind TC DL=3 5 psf, C&C member

MWFRS loads based on trusses located at least 7 50 ft Bottom chord checked for 10 00 psf non-concurrent live

from roof edge

load

In lieu of structural panels use purlins  $0\ensuremath{\text{C}}$ 

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brace

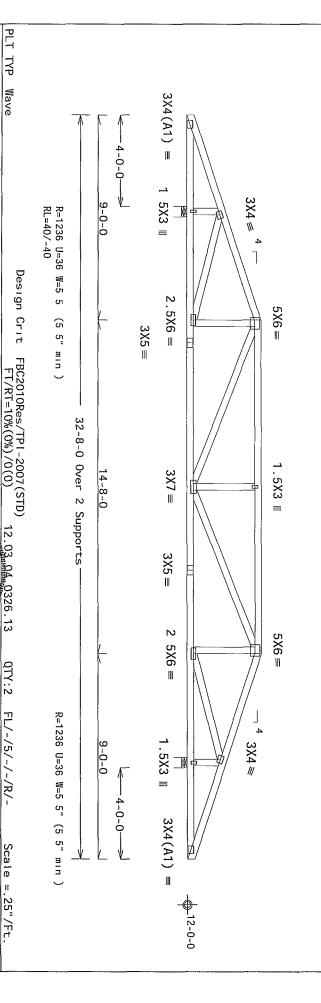
all flat TC @ 24"

Creep increase

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

design

Left and right cantilevers are exposed to wind



PLT TYP

Wave

·· IMPORTANT

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

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QTY:2

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Scale = .25"/Ft.

R9114- 2664

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TC DL 10 LF

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DATE REF

12/03/13

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ITW Building Components Group

ITW But it in Components Group inc. (ITMBGD) stail not be responsible for any downs on #Eany failure to which the trusts in carformace with MSU(TP) in or for handing a
brace ing of trussess. Apply pieces to each face of trusses and for the second second for the second second for the second second for the second for th

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SPACING

2/04/2013

Trusses require extreme care in fabricating handling shipping installing and braining Rej follow the latest edition of BCSI (Building Component Safety Information by TPI) and WTCA) for practices prior to performing these functions. Installers shall provide temporary bracing by linkess into a property attended to the pro

ALPINE

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

Bot -Lumber grades designated with "13B' use design values approved 1/30/2013 by ALSC ( 13-285--Fill in later chord 2x4 SP #1-13B 2x6 SP #1 Dense-13B 2x4 SP #3-13B /Anita and Jerry West Resi B2 2x6 SP #2-13B Lake City, <u> ፲</u> HG11A 24'8' Special loads From (Lumber

120 mph wind, 15 00 ft mean hgt, ASCE 7-10, CLOSED bidg, within 13 00 ft from roof edge, RISK CAT II, EXP B, wind psf, wind BC DL=5 0 psf  $GCp_1(+/-)=0$  18 not located TC DL=3 5

loads and reactions based on MWFRS

chord checked for 10 00 psf non-concurrent live load

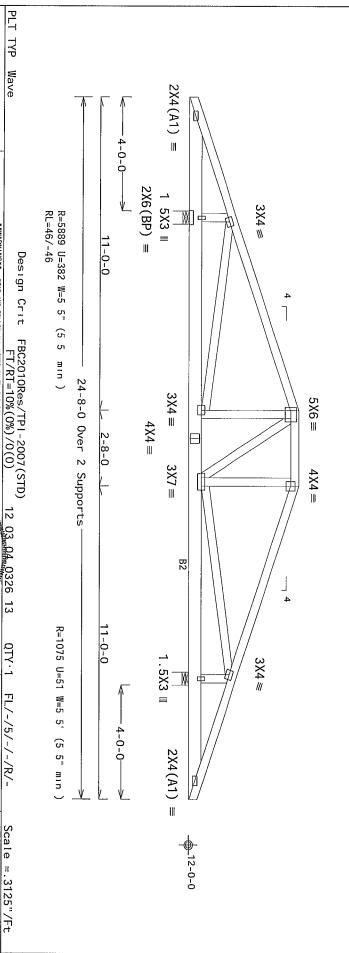
MWFRS loads based on trusses located at least 7 50 ŧ from roof edge

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Left and right cantilevers are exposed to wind

In lieu of structural panels use purlins to  $\ensuremath{\mathsf{OC}}$ brace all flat TC 0

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



ITW Building Components Group

I'W Building Components Group lie (I'WBGS) shall not be respons bill for any downt on any failure to build the trust in conformation by NNSI/TPI no standard shall be bracking of trustees. Apply places to seath note of trust and proportion of the standard place position of the standard place plac

12/04/2013

SPACING DUR.FAC. TOT LD.

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DRW HCUSR9114 13337126

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12/03/13 2665

Trusses require extreme care in fabricating handing shipping metalling and bracking Red follow the latest edition of BCSI (Building Component Safety Information by TPI and WTCA) for practices prior to performing these functions. Installers shall provide temporary bracking pullinless noted otherwise top chord shall have properly attached structural sheathing and bottom shall have a properly attached rigid con in close consistent for permanent lateral restrictions shall have a properly attached rigid con in the consistent for permanent lateral restrictions.

IMPORTANT

ALPINE

120 mph wind, 15 00 ft mean hgt, ASCE 7-10, CLOSED bidg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3 5 psf, wind BC DL=5 0 psf GCpi(+/-)=0 18 Wind loads and reactions based on MWFRS Lumber grades designated with "13B" use design values approved  $1/30/2013\ \mbox{by ALSC}$ Top chord 2x4 SP #1-13B Bot chord 2x4 SP #1-13B Webs 2x4 SP #3-13B ( 13-285--Fill in later Special Dur Fac 55 plf 27 plf 55 plf 55 plf 20 plf 10 plf p Dur Fac =1 20
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From 55 plf at From 27 plf at From 55 plf at From 10 plf at From 20 plf at From 20 plf at From 20 plf at 6 plf ac =1 25 / Plate D f at 0 00 to 55 f at 10 00 to 27 f at 10 67 to 55 f at 0 00 to 20 f at 3 03 to 10 f at 10 64 to 20 Load at 5 06, 6 Load at 5 06, 6 inc Load at 3 03 inc Load at 3 03 inc Load at 5 06, 6 Load at 5 06, 6 6 83, ω 60

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

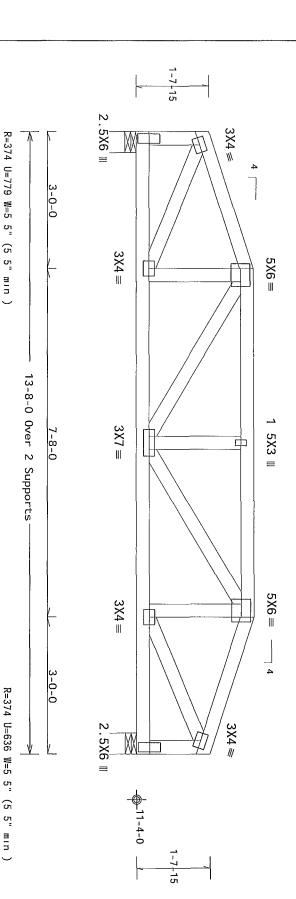
Deflection meets L/240 live and L/180 total load factor for dead load is 1 50  $\,$ 

In freu of structural panels use purlins  $0\ensuremath{\text{C}}$ 

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brace

all flat TC @ 24"



Orlando FL, 3283 / FL COA #0 278	ITW Building Components Group Inc.		ALPINE	<u>\</u>	>		PLT TYP. Wave
general notes page ITM-BCG www itwhcg com TPI www tpinst org WTCA www sbcindustry com	drawing or cover page isting this drawing and cates acceptance of professional engineering the responsibility solely for the design shown. The suitability and use of this design for any explaint is the responsibility of the Building Designer per ANSI/TPI 1 Sec 2. For more information see	bracing of trustasses. Apply plates to each face of trusts and post on as shown above and on which claims.  Details unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. Asset of this plates to see the positions.	issuit investigation by issuit on the sections as a proble as applicable.	Unless noted otherwise top chord shall have properly attached structural sheath ng and bottlem-word shall have a properly attached of ceiling Locations shown for permanent lateral restriction of webs	Trusses require extreme care in fabricating shanding shipping nescriting and bracing leaving shanding strength follow the latest edition of BCSI (Building Component Safety Information by TPI and WTCA) for the performing these functions installers shall provide temporary bracing by MCA.	**WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET  **WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET  ***WARNING** FURNISH THIS DESIGN TO ALL CONTRACTORS INCLIDING INSTALLERS	Design Crit FBC2010Res/TP1-2007(STD) FT/RT=10%(0%)/0(0) 12 03.04.0326 13 QTY:1
HS.	20	17.	BC	BC	T.	TC	
SPACING 24.0"	DUR.FAC. 1.25	T.LD.	BC LL	BC DL	TC DL	TC LL	FL/-/5/-/-/R/-
	1.25	TOT.LD. 37.0 PSF SEQN-	0.0 PSF	10.0 PSF	7 0 PSF	20 0 PSF	/-/R/-
JREF- 1V1V487_Z03	FROM JMW	SEQN- 335444	0.0 PSF HC-ENG WHK/WHK	10.0 PSF   DRW HCUSR9114 13337075	7 0 PSF DATE 12/03/13	REF R9114- 2666	Scale =.5"/Ft

12/04/2013

Bot 120 mph wind, 22 83 ft mean hgt, ASCE 7-10, within 4 50 ft from roof edge, RISK CAT II, wind BC DL=5 0 psf GCp:(+/-)=0 18 Lumber grades designated with "13B' use design values approved  $1/30/2013\ \mbox{by ALSC}$ ( 13-285--Fill in later chord 2x4 SP #1-13B chord 2x4 SP #1-13B Webs 2x4 SP #3-13B /Anita and Jerry West Resi --CLOSED EXP B, wind TC DL=3 5 psf Lake City, 凸 HG5A 13 THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR Stepdown Hip Girder ) special loads From rom 25) 3 00 97 97

55558885555 C- From 55 From 20 From 10 From 20 - -141 93 lb - -25 91 lb C - -151 58 lb C 1b Conc 55 Dur 55 10 10 10 Conc r Fac =1
plf at
conc Conc =1 25 / Plate Dur F t 0 00 to 55 pl1 t 5 00 to 27 pl at 8 00 to 55 pl at 0 00 to 55 pl at 5 03 to 10 pl at 7 97 to 20 pl Load at 5 03, 7 Load at 6 50 c Load at 6 50 Load at 6 50 Our Fac = 5 plf at 7 plf at 5 1375385

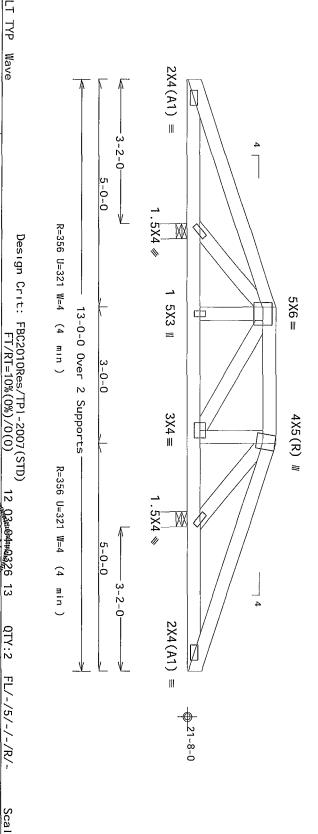
8= lieu of structural panels use purlins ç brace all flat TC @ 24' Wind loads and reactions based on MWFRS

Left and right cantilevers are exposed

to wind

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





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

QTY:2

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

Scale =.5"/Ft

R9114- 2667

20 0 PSF

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PSF

DATE REF

12/03/13

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Wave

Trusses require extreme care in fabricat on board of shipping. Establing and broking face of precises prior to serve extreme face. Under one shipping beautiful and BTCD, to see the precises prior to performing these functions properly attached structural sheathing and button for the performance of \*\*IMPORTANT\*\*

I'll Build in Components Group Inc. (I'NBCD) shall not be respons ble for any deviation fra any failure to build the truss in conformance with MBS/TPI 1 or for handling an pping if bree no of trusses, apply places are shall not be responsible and post for shall not be responsible and the stress and post for shall not be responsible and the shall not be design for any the responsibility of the Building Besigner par ANSITPI 1 See Tey more information as the responsibility of the Building Besigner par ANSITPI 1 See Tey more information as the responsibility of the Building Besigner par ANSITPI 1 See

CALL THE STATE OF THE STATE OF

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HC-ENG

MIK/MIK 335511

10.0 PSF

DRW HCUSR9114 13337143

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PSF PSF

SEQN-

FROM

12/04/2013

SPACING DUR.FAC. TOT LD.

24.0" 1.25

JREF- 1V1V487\_Z03

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS HG7A 15'11"8 Stepdown Hip Girder ) Ŗ

120 mph wind, 15 00 ft mean hgt, ASCE 7-10, within 9 00 ft from roof edge, RISK CAT II, wind BC DL=5 0 psf GCpı(+/-)=0 18 PLT TYP. Bot G H = recommended connection based on manufacturer tested capacities and calculations Conditions may exist that require different connections than indicated Refer to manufacturer publication for additional Deflection meets L/240 live and L/180 total load Creep increase factor for dead load is 1 50  $\,$ These support conditions used at bearings indicated (H1) = LU24  $\rm w/$  (2)2x6 SP SS-13B supporting member (4) SD9112, 0 131"x1 5" into supporting member, (2) SD9112, 0 131 x1 5' into supported member Wind loads and reactions based on MWFRS Lumber grades designated with "13B" use design values approved 1/30/2013 by ALSC information ITW Building Components Group ( 13-285--Fill in later chord 2x4 SP #1-13B chord 2x4 SP #1-13B Webs 2x4 SP #3-13B Orlando FL, 32837 FL COA #0 278 ALPINE Wave 2X4(A1) Ш /Anita and Jerry West Resi Trusses require extreme care in fabricating handing shiping metaling and bracing local problems the latest of t on of BESI (Building Component Safety Information by TP) and WTGA) root problems to perform ing these functions in the property attached structural associating and bottom of the property attached structural associations as applicable.

[TM Building Components Group Inc. (ITMB/CA) association as applicable. I'll Build ng Components Group Inc. (I'NBCD) shall not be respons be for any deviation frame in any fa line to build the trues n conformance w the ABSI/PPI or for handling as highing betaining of truesces. Apply plates to each face of trues and position as shown above and on betails unless noted otherwise. Refer to draw ng 160A-Z for standard plate positions A drawing or cover page listing this drawing nd cates acceptance of professional engineering responsibility solely for the design shown. The such ity and use of this design for any general notes agon [11] and the building Designer per ABSI/PPI 1 Sec 2. For more information see general notes agon [11] and professional professional plate of the section of the secti 4-0-0-7-0-0 Design Crit CLOSED bidg, not located EXP B, wind TC DL=3 5 psf, 3X4 ₡ W R=587 U=717 -- Lake City, FBC2010Res/TPI-2007(STD) ₩=3 FT/RT=10%(0%)/0(0) Ωį 77 (3 5" min ) 15-11-8 Over 5X8≡ 5X3 Ф = 1-11-8 N 3X4 ≡ 4X5(R) Hanger specified assumes connection to supporting minimum of five times the depth of the supporting unsupported end, unless unsupported chord end has In lieu of structural panels use purlins to  $\ensuremath{\mathsf{OC}}$ Supports Bottom chord checked for 10 00 psf coverage Left cantilever is exposed to wind Special loads 7778887777 - From 5 From 5 From 2 From 2 From 1 From 2 18 37 1b (Lumber 03-04-0326.13 r Dur Fac =1 25 / F 55 plf at 7 00 t 55 plf at 7 00 t 55 plf at 8 96 t 20 plf at 0 00 t 10 plf at 7 03 t 20 plf at 8 93 t 1b Conc Load at 7 CARER. Б Conc 4 oad at 7. QTY:1 -0-0 to to to to 03, 8 7 03, BC LL BC DL e Dur Fac = 55 plf at 55 plf at 55 plf at 20 plf at 10 plf at 20 plf at 20 plf at 20 plf at 3, 8 93 DUR. FAC. TC DL TC LL non-concurrent live load SPACING TOT.LD. FL/-/5/-/-/R/brace 1587 1587 37.0 20.0 24.0" 1.25 0.0 10.0 PSF 25) 7 00 8 96 5 96 7 03 93 7.0 PSF R=316 U=322 g chord is locate g chord from any s 85% plating 2X4(A1) all flat TC PSF PSF PSF is located a DATE REF FROM DRW HCUSR9114 13337083 SEQN-HC-ENG JREF- 1V1V487\_Z03 Scale = .5"/Ft. R9114- 2668 24" MHK/WHK 335144 12/03/13

1

12/04/2013

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR HG7B 24'8' Stepdown Hip Girder )

( 13-285--Fill in later /Anıta and Jerry West Resi -- Lake City, FL -Special loads

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

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

Wind loads and reactions based on MWFRS

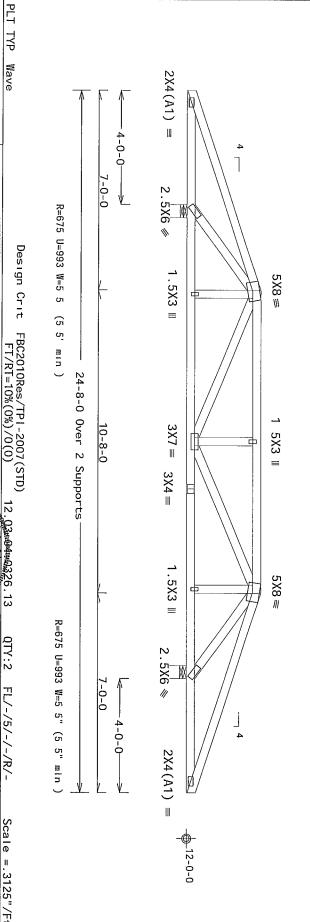
Left and right cantilevers are exposed to wind

8 lieu of structural panels use purlins to brace all flat TC @

> BC-TC-15 60 BC-BC-C-TG--168 95 lb Conc -37 39 lb Conc From From From From From From 637 er Dur Fac =1 25 / Plate Dur Fac =1 25)
> 55 plf at 0 00 to 55 plf at 7 00
> 27 plf at 7 00 to 27 plf at 17 67
> 55 plf at 17 67 to 55 plf at 24 67
> 20 plf at 0 00 to 20 plf at 7 03
> 10 plf at 7 03 to 10 plf at 17 64
> 20 plf at 17 64 to 20 plf at 24 67
> lb Conc Load at 9 06,11 06,12 33,13 60 55 Load at E 7 03,17 64 9 06,11 06,12 33,13 60 8

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



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

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

QTY:2

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

PLT TYP

Wave

Trusses require extreme care in fabricating handling shipping installing and bracing Ref follow the latest edition of BCSI (Building Component Safety Information by TPI and WTCA) foo pract case prior to performing these functions installines shall provide temporary bracing per links moted otherwise top chord shall have properly attached structural shaathing and borten shall have a properly attached rigid cell ing. Locations shown for permanent lateral restrict shall have a properly attached structure.

ITW But id in Components Group inc (ITWBGD) shall not be responsible for any deviation for any failure to build the trues or conformance with ABSL/TP1 1 and a shauling base pring it brazing of truesess. Apply plates to each free of trues and post to an absolute position of brazing of truesess. Apply plates to each free of trues and post to an absolute position of brazing in the position of the p

CALLER HOLDING

BC LL BC DL

10.0 PSF

DRW HCUSR9114 13337080

WHK/WHK 335148

TOT.LD.

37.0

PSF

SEQN-HC-ENG TC DL

7.0 PSF

DATE

12/03/13 2669

TC LL

20.0 PSF

REF R9114-

Scale = .3125"/Ft

12/04/2013

SPACING

24.0" 1.25

JREF-

1V1V487\_Z03

DUR. FAC.

FROM

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS FL - HG7C 19'2" Stepdown Hip Girder ) MFR

120 mph wind, 15 00 ft mean hgt, ASCE 7-10, within 9 00 ft from roof edge, RISK CAT II, wind BC DL=5 0 psf GCpi(+/-)=0 18 Lumber grades designated with "13B' 1/30/2013 by ALSC chord chord Webs 2x4 SP 2x4 SP 2x4 SP #1-13B #1-13B #3-13B use design values approved CLOSED bidg, EXP B, wind , not located TC DL=3 5 psf,

( 13-285--Fill in later

/Anita

and Jerry West Resi --

Lake City,

Wind loads and reactions based on MWFRS

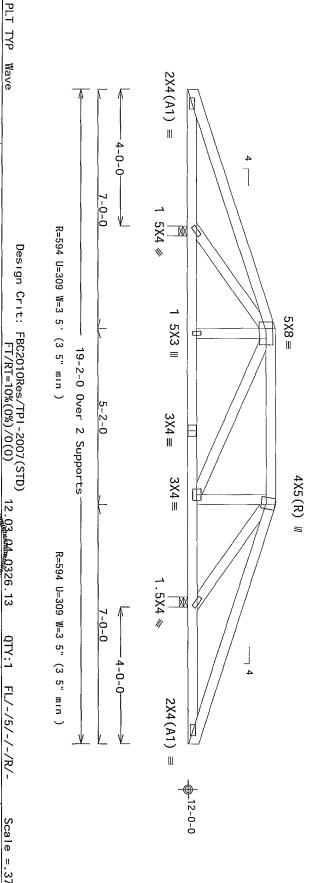
8= lieu of structural panels use purlins ţ brace all flat TC @ 24"

> Special loads TC- From
> TC- From
> TC- From
> BC- S 63
> BC- -37 3 From 8 63 1 -37 39 <u></u> T Dur Fac =1 25 / F 55 plf at 0 00 t 27 plf at 7 00 t 55 plf at 12 17 t 55 plf at 12 17 t 20 plf at 7 03 t 10 plf at 7 03 t 20 plf at 12 14 t b Conc Load at 7 1b Conc Load at 7 03, 1 7 5 5 5 5 5 5 Plate te Dur Fac =1 25)
> 55 pif at 17 00
> 27 pif at 12 17
> 55 pif at 19 17
> 55 pif at 19 17
> 20 pif at 17 14
> 20 pif at 12 14
> 20 pif at 19 17
> 3, 9 06,10 10,12 14
> 03, 9 06,10 10,12 14

Left and right cantilevers are exposed ő wind

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

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



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

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

10 11

20.0 PSF

R9114- 2670

7.0 PSF

DATE REF

12/03/13

10.0 PSF 0.0

DRW HCUSR9114 13337130

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

Scale

375"/Ft.

PLT TYP

Wave

Trusses require extreme care in fabr cating handing shipping installing and bracking factors who latest edition of BCSI (Bu iding Component Safety information by Pri and WICA) for practices prior to performing these functions installiers shall prov do comporary bracking particles prior to performing these functions installiers shall prov do comporary bracking the black may be properly stratement attentional shauth of and border shall have a properly attended structural) shauth of an accordance of the properly stratement in state of the properly stratement is structured. ·· IMPORTANT

Details unless noted otherwise drawing or cover page listing this respons bility solely for the desithe responsibility of the Building the responsibility of the Building ITW Building Components Group inc (ITWBCG) shall not be responsible for any failure to build the truss in conformance with AMS/ITP1 or for handlords ng of trusses Apply plates to each face of truss and position as sho

WONAL SICKER 12/04/2013 BC DL TC DL SPACING DUR. FAC. TOT.LD.

37.0

PSF PSF

SEQN-

335467

HC-ENG

WHK/WHK

FROM JREF-

1V1V487\_Z03

24.0" 1.25

Lumber grades designated with "13B" use design values approved  $1/30/2013\ \mbox{by ALSC}$ ( 13-285--Fill in later chord 2x4 SP #1-13B chord 2x4 SP #1-13B Webs 2x4 SP #3-13B /Anıta and Jerry West Resi ŀ Lake City,

120 mph wind, 15 00 ft mean hgt, ASCE 7-10, within 9 00 ft from roof edge, RISK CAT II, wind BC DL=5 0 psf  $GCp_1(+/-)=0$  18 CLOSED bidg, EXP B, wind , not located TC DL=3 5 psf,

Wind loads and reactions based on MWFRS

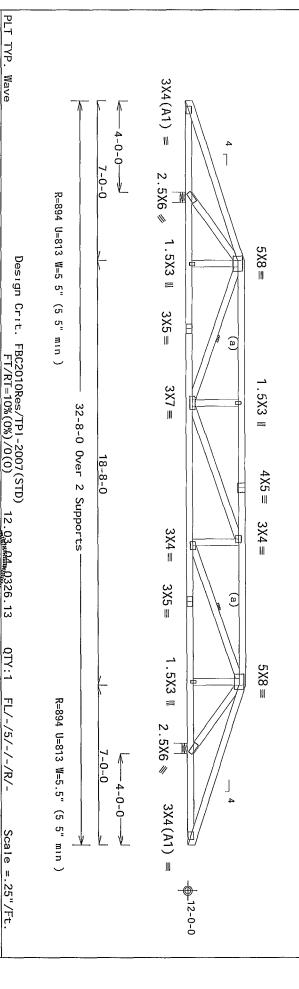
Left and right cantilevers are exposed to wind

81 lieu of structural panels use purlins to brace all flat TC @ 24

> TC- From 55 plf at 0 00 to 55 plf at 7 00 TC- From 27 plf at 25 67 to 25 plf at 32 67 TC- From 29 plf at 25 67 to 55 plf at 32 67 TC- From 20 plf at 25 67 to 55 plf at 32 67 TC- From 20 plf at 0 00 to 20 plf at 7 03 BC- From 20 plf at 7 03 to 10 plf at 25 64 BC- From 20 plf at 25 64 BC- 37 39 lb Conc Load at 7 03, 9 06,11 06,13 06 BC- 37 39 lb Conc Load at 7 03, 9 06,11 06,13 06 15 06,16 33,17 60,19 60,21 60,23 60,25 64 Special

Bottom chord (a) Continuous lateral checked for restraint equally 10 00 psf non-concurrent live load spaced on

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



ITW Building Components Group

ALPINE

Trustees require extreme care in fabr cating handling shipping installing and bracing Reg Triollow the larcest edition or BESI (8u Iding Component Sarkey Information by TPI and WTA) To practices prior to performing these functions intestilers shall provide temporary brace not performing these functions intestilers shall provide temporary brace properly attached structural sheathing and bottom this shall have a properly attached structural sheathing and bottom shall have a properly attached from the pro

CENS

BC LT BC DL TC DL TC LL

PSF

HC-ENG

WHK/WHK

SEQN-

335497

MM

10.0 PSF 0.0

DRW HCUSR9114 13337147

QTY:1

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

Scale

.25"/Ft

20.0 PSF

R9114- 2671

7.0 PSF

DATE REF

12/03/13

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

ITW Building Components Group Inc (ITWECG) shall not be responsible for any deviat on farmy failure to build the trues in conformance with ANSI/PPI 1 or for handling shipping the tree of the plates to centifie of trues and position as shown above and only betails unless noted otherwise Refer to drawings 180A-7 for standard plate positions.

OFONAL SHE THE STATE OF THE STA

12/04/2013

SPACING DUR. FAC. TOT.LD

24.0" 1.25 37.0 PSF

JREF-FROM

1V1V487\_Z03

Orlando FL, 32837 FL COA #0 278

TYP.

Wave

..IMPORTANT..

120 mph wind, 15 00 ft mean hgt, ASCE 7-10, anywhere in roof, RISK CAT II, EXP B, wind DL=5 0 psf GCpi(+/-)=0 18 Fop Bot PLT TYP In lieu of structural panels use purlins to brace all flat TC  $\,$  OC  $\,$ Wind loads and reactions based on MWFRS Lumber grades designated with "138" use design values approved 1/30/2013 by ALSC Left and right cantilevers are exposed to wind ( 13-285--Fill in later ITW Building Components Group chord 2x4 SP #1-13B chord 2x4 SP #1-13B Webs 2x4 SP #3-13B Orlando FL, 32837 FL COA #0 278 ALPINE Wave 3X4(A1) ≡ 4-0-0-/Anita and Jerry West Resi -- Lake City, Trusses require extreme care in fabricating handling shipping intending and breeing Reg follow the latest edition of BCSI (Building Component Safety Information by TPI and WTCh) you prestices the latest edition of BCSI (Building Component Safety Information by TPI and WTCh) you prestice for or to the control of the property attached structural sensathing and bottom liness more otherwise step chord deal in more properly attached structural sensathing and bottom liness more otherwise sensity and the control of the manner latest research and sense and the sense of the control of the cont \*\* IMPORTANT \*\* 7-0-0 TIW But ding Components Group Inc. (ITMBCC) shall not be respons ble for any deviation from by failure to build the trust on conformance with NSI/PD 1 to for handing a build by failure to see the second shall be seen and on a second show a second on the second shows a second show a second shows a second show a second s 3X4 R=1642 U=64 W=5 111 \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS 1.5X3 ≡ 4X12 ≡ Design CLOSED bidg, Located TC DL=3 5 psf, wind BC ຫຼ Crit 5 3X5 ≡ ت FBC2010Res/TP1-2007(STD) FT/RT=10%(0%)/0(0) (3) 3X12 ≡ 24 -5X3 32-8-0 Over 2 Supports HG7E 32'8' 3X5 ≡ Stepdown Hip Girder TC- From 55 plf
BC- From 20 plf
BC- From 20 plf
BC- From 20 plf
TC- 82 14 lb Conc
15 06,16 33,17 60
TC- 58 79 lb Conc
BC- 60 00 lb Conc
15 06,16 33,17 60
BC- 55 05 lb Conc Deflection meets  $L/240\,$  live and  $L/180\,$  total load factor for dead load is 1 50 Bottom chord checked for Special loads 3X4 =2.5X8 ≡ From From Dur Fac =1 25 / I 55 plf at 0 00 27 plf at 7 00 55 plf at 25 67 20 plf at 0 00 10 plf at 7 03 20 plf at 25 60 20 plf at 25 60 b Conc Load at TENER A 3X5 ≡ Load at 19 Load at 7 Load at 19 12/04/2013 10 0TY:1 8 1.5X3 III to to to 7 03, Plate to 4X10 = psf non-concurrent live 60,21 03,9 60 Le Dur Fac =1 25)
55 plf at 7 00
27 plf at 25 67
55 plf at 32 67
20 plf at 25 60
20 plf at 32 67
20 plf at 32 67
20 plf at 32 67
3, 9 06,11 06,13 0 BC DL BC LT SPACING DUR.FAC. TOT.LD. TC TC LL ,21 FL/-/5/-R=1583 U=92 ₩=5 므 60,23 60,23 06,11 2X4 // 60,25 06,13 60 7-0-0 /-/R/-1.25 37.0 PSF 20.0 PSF 10.0 PSF 24 0.0 PSF 7.0 PSF , 25 o -4-0-0-90 Creep increase 86 60 ΩĬ 3X4(A1) =6 load DATE REF يِّ FROM DRW HCUSR9114 13337116 SEQN-HC-ENG JREF- 1V1V487\_Z03 Scale = .25"/Ft. min R9114- 2672 WHK/WHK 335506 12/03/13

Bot ( 13-285--Fill in p chord 2x4 SP M-30 T; t chord 2x6 SP M-26 Webs 2x4 SP #2-13B 3, W4 2x4 SP #3-13B T2 2x4 SP 2850f-2 /Anita and Jerry West Resi ₩2, W6 2x4 SP 2850f-2 Lake City, <u>-1</u> HG9A 24 8"

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

Special loads From From 1241 1702 From From From (Lumber Dur Fac =1 25.
55 plf at 0 00
27 plf at 9 00
55 plf at 15 6
20 plf at 0 0
10 plf at 7 0
20 plf at 7 0
10 plf at 19 old to conc Load
1 b Conc Load
1 b Conc Load
1 b Conc Load at 9 at 15 at 17 at to 4444 ς Plate te Dur Fac
55 plf at
27 plf at
55 plf at
55 plf at
20 plf at
10 plf at Dur Fac =1 25)
5 plf at 9 00
7 plf at 15 67
5 plf at 12 67
0 plf at 7 06
0 plf at 19 06
0 plf at 24 67 <u>.</u>1 06,19 90

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

## COMPLETE **TRUSSES** REQUIRED

Nail Schedule 0 131"x3", min Top Chord 1 Row @12 00" o c Bot Chord 1 Row @ 3 25" o c Webs 1 Row @ 4" o c Use equal spacing between rows and stagger nails in each row to avoid splitting

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

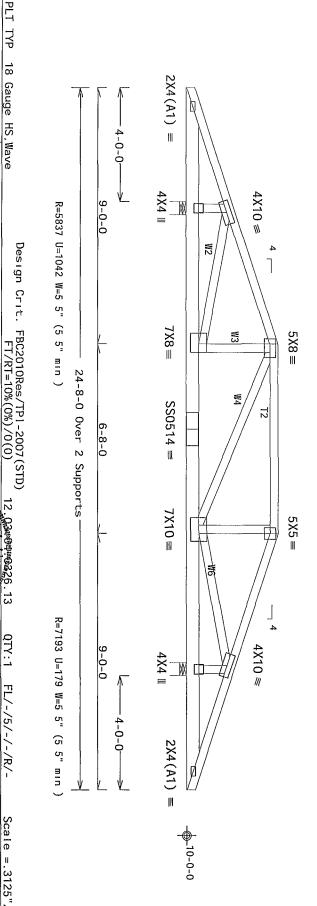
Wınd loads and reactions based on MWFRS

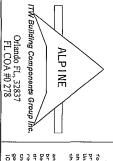
Left and right cantilevers are exposed ţ

lieu of structural panels use purlins to brace all flat TC 0 24"

8=

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





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

Trussos require extreme care in fabr catt gy handing shipping natalling and bracing Rot follow the latest edition of BCSI (Building Component Safety Informat on by TPI and WTCA) foot pract cass prior to performing these functions installers shall provide temporary bracing post lulicess noted otherwise top chord shall have properly attended if do not shown that or permanent lateral restrains shall have a properly attended in the properly attended in the properly attended to the properly atten -- IMPORTANT

I'W Build ng Components Group Inc (ITMBCG) shall not be respons ble for any deviation from the following the following shall not be responsible for any deviation from the following shall not be responsible for any deviation from the following shall not be responsible for any deviation from the following shall not be responsible for any deviation from the following shall not be responsible for any deviation from the following shall not be responsible for any deviation from the following shall not be responsible for any deviation from the following shall not be responsible for any deviation from the following shall not be responsible for any deviation from the following shall not be responsible for any deviation from the following shall not be responsible for any deviation from the following shall not be responsible for any deviation from the following shall not be responsible for any deviation from the following shall not be responsible for any deviation from the following shall not be responsible for any deviation from the following shall not be responsible for any deviation from the following shall not be responsible for the

TENER.

DUR. FAC. SPACING

1.25

FROM

24.0"

JREF-

1V1V487\_Z03

TOT LD.

37.0

SEQN-

335504

0.0

PSF PSF

HC-ENG

MIK/WIK

BC DL BC LL

10.0 PSF

DRW HCUSR9114 13337138

TC DL

7.0

PSF

DATE REF

12/03/13

TC II

20.0 PSF

/-/R/-

Scale = .3125"/Ft

R9114-

2673

12/04/2013

( 13-285--Fill in later /Anita and Jerry West Resi -- Lake City, FL - HJ10 9'10'13 Hip Jack Girder

Top chord 2x4 SP #1-13B Bot chord 2x4 SP M-30 Webs 2x4 SP #3-13B

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

Wind loads and reactions based on MWFRS

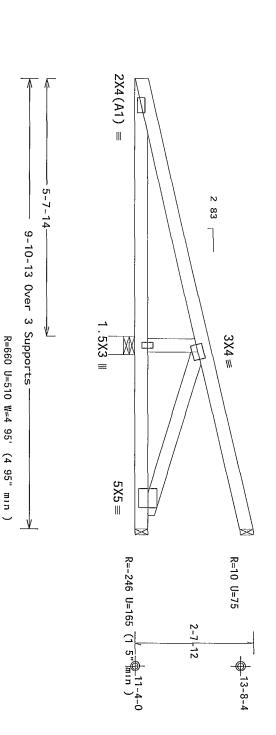
Bottom chord checked for 10 00 psf non-concurrent live l

Negative reaction(s) of -245# MAX (See below) from a non-wind load case requires uplift connection

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

Left cantilever is exposed to wind

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



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

"MPORTANT" FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

Design Crit

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

017:1

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

Scale = .5"/Ft. REF R9114- 2674

20.0 PSF

7.0 PSF

DATE

12/03/13

10.0 PSF

0

PSF

DRW HCUSR9114 13337141 HC-ENG WHK/WHK PLT TYP

Wave

Trusses require extreme care in fabricating handing shipping installing and bracing Reference follow the issess edition of BCSI (Building Component Safety Introact on by TPI and WTCA) for a practices prior to performing these functions. Installers shall provide temporary bracing per European Unless noted otherwise togened shall have properly attached structural sheathing and bottom shall have a properly attached structural shaething and bottom shall have a properly attached structural shaething and bottom shall have bracing metalled per BCSI sections B3 B7 or B10 as applicable.

I'll Build by Components Group inc. (I'llBCD) shall not be respons bit for any deviation from any faviation from the say failure to build the trusts in conformance with NSI/IPI 1 or for handling shipping right in the say of trusses. Apply places to seek face of truss and positions a shown asset on the bottom for the say of trusses. Apply places are seek face of truss and positions a shown asset on the bottom for the say of trusses. Apply places are seek face of trusts and positions of the say of the s

TC LL

TC DL

TC

37.0 PSF 1.25 24.0"

JREF- 1V1V487\_Z03

FROM

SEQN-

335502

Bot Pop chord 2x4 SP #1-13B chord 2x4 SP M-30 Webs 2x4 SP #3-13B

( 13-285--Fill in

later

/Anita

and Jerry West

Resi

Lake

City,

귀

HJ10 9'10

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

Wind loads and reactions based on MWFRS

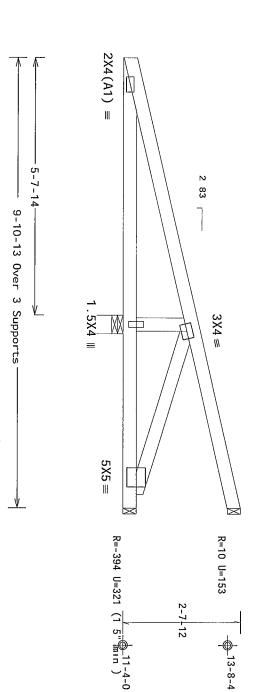
Bottom chord checked for 10 00 psf non-concurrent live

Negative reaction(s) of -394# MAX case requires uplift connection (See below) from a non-wind load

120 mph wind, 15 00 ft mean hgt, ASCE 7-10, within 9 00 ft from roof edge, RISK CAT II, wind BC DL=5 0 psf  $GCp_1(+/-)=0$  18 CLOSED bidg, EXP B, wind not located TC DL=3 5 psf

Left cantilever is exposed to wind

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



Design Crit FBC2010Res/TP1-2007(STD) FT/RT=10%(0%)/0(0) R=660 U=1063 W=4 95" 4 95"

2

QTY:3

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

Scale =.5"/Ft. R9114- 2675

20.0 PSF

DATE REF

12/03/13

DRW HCUSR9114 13337129

HC-ENG

MIK/MIK 335463

min

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

PLT TYP

Wave

Trusses require extreme care in fabricating banding an phing installing and bracing & follow the latest edition of 8CSI (Building Component Safety Information by TPI and NTCA) foo practices prior to performing these functions. Installers shall provide temporary bracing period by the stall that the property attached structural sheathing and bottom shall have a property attached rigid cet in glicate one shown for permanent lateral restricts that have a property attached rigid cet in glicate one shown for permanent lateral restricts that have a property attached rigid cet in glicate one shown for permanent lateral restricts that have a property attached rigid cet in glicate one shown for permanent lateral restricts that have a property attached rigid cet in glicate one shown for permanent lateral restricts. TC LL

I'll Building Components Group Inc. (ITBECG) shall not be responsible for any deviation of any failure to be id the trues in conformance with AMS/TPI 1 or for handling shipping it brace no of trueses. Apply places to each face of trues and position as shown above, and betails unless noted otherwise. Refer to devings 1604-27 for standard place positions. A drawing or cover page 18510 this drawing indicates acceptance of professional sign ener oppositions to the design shown. The suitability and use of this design for any the responsibility of the Building Designer per AMS/TPI 1 Sec 2 for more information seems the responsibility of the Building Designer per AMS/TPI 1 Sec 2 for more information seems the responsibility of the Building Designer per AMS/TPI 1 Sec 2 for more information seems.

SIONAL FUEL STREET 12/04/2013 BC DL BC LL TC DL DUR.FAC. SPACING TOT LD. 37 0 1.25 24.0" 10.0 PSF 0.0 PSF 7.0 PSF

PSF

FROM SEQN-

JREF- 1V1V487\_Z03

/Anıta and Jerry West Resi --Lake City, FL -HJ10 9 10 13 Hip Jack Girder

Bot op chord d 2x4 SP #1-13B d 2x4 SP M-30 s 2x4 SP #3-13B

( 13-285--Fill

ī

later

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

Wind loads and reactions based on MWFRS

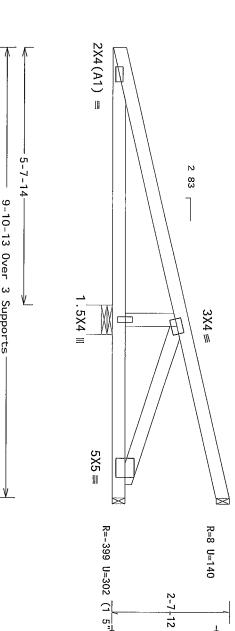
Bottom chord checked for 10 00 psf non-concurrent live

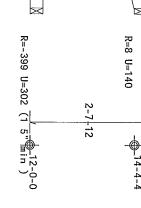
Negative reaction(s) of -398# MAX case requires uplift connection (See below) from a non-wind load

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

Left cantilever is exposed to wind

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





9-10-13 Over 3 Supports R=680 U=1095 W=7 778" (7 778" min

ITW Building Components Group ALPINE

Orlando FL, 32837 FL COA #0 278

\*\* 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=10%(0%)/0(0)

QTY : 1

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

Scale =.5"/Ft. R9114- 2676

20.0 PSF

7.0 PSF

DATE REF

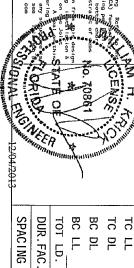
12/03/13

10.0 PSF 0.0 PSF

HC-ENG WHK/WHK DRW HCUSR9114 13337127 PLT TYP.

Wave

Trusses require extreme care in fabricat up handling shipping installing and bracing Recomposed follow the latest edition of BGSI (Building Component Safety Information by TPI and WTCA) forecast practices provide temporary bracing page 1850 linkes noted otherwise top chord shall have properly attached a function chair and bottom chair latest and a control of the provided temporary attached and the properly attached and to determine the properly attached and to determine the properly attached and the properl



1.25 37.0 PSF

FROM

MMIC

SEQN-

335451

24.0"

JREF- 1V1V487\_Z03

( 13-285--Fill in later /Anita and Jerry West Resi Lake City, --

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

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

Negative reaction(s) case requires uplift of -325# MAX connection (See below) from a non-wind load

120 mph wind, 15 00 ft mean hgt, ASCE 7-10, CLOSED bidg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3 5 psf, wind BC DL=5 0 psf GCpi(+/-)=0.18

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

pecial loads c =1 25 / at 0 00 at 0 00 Plate Dur Fac = 2 plf at 2 plf at 11 25) 1 90 1 90

to to မ မ

Load at 48

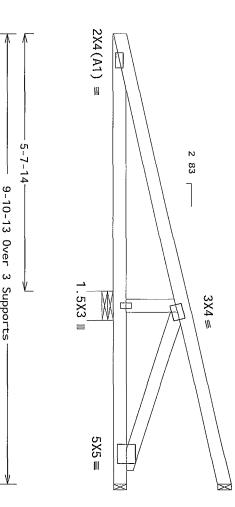
TC- From 2 plf at TC- 70 20 lb Conc Lo TC- 278 46 lb Conc Lo TC- 208 50 lb Conc Lo BC- 28 99 lb Conc Lo BC- 28 99 lb Conc Lo BC- 103 37 lb Conc Lo Load at Load at 4 31 c Load at 7 13 Load at 1 48 Load at 4 31 c Load at 7 13

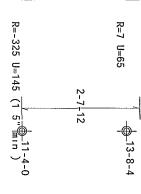
₩ınd loads and reactions based on MWFRS

-253 54 lb Conc

Left cantilever is exposed to wind

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





3 Supports R=680 U=565 W=7 778 (7 778" 

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

QTY:1

FL/-/5/-

/-/R/-

Scale =.5"/Ft. R9114- 2677

20.0 PSF

REF

DATE

12/03/13

DRW HCUSR9114 13337078

TC LL

BC LL BC DL TC DL

0.0 PSF 10.0 PSF 7.0 PSF

HC-ENG

MIK/WIK

SEQN-

335441

Ţ₽.

Wave

Trusses require extreme care in fabricating handling shipping installing and bricking Rollow the latest edition of ECSI (Building Component Safety Informat on by TPI and WTCA) foo practices prior to performing these functions. Installers shall provide temporary bracing pages to be proposed to the property attached structural; sheath ng and bottom that a property attached rigid continues shown for permanent lateral restrages shall have a property attached rigid continues shown for permanent lateral restrages shall have a property attached for BCSI sections Stown for permanent lateral restrages shall have a property attached per BCSI sections Stown for permanent lateral restrages shall have a property attached per BCSI sections Stown for permanent lateral restrages shall have a property attached per BCSI sections Stown for permanent lateral restrages shall have a property attached per BCSI sections Stown for BCI as applicable.

I'W Building Components Group Inc. (ITWECC) shall not be responsible for any deviat on real any failure to build the trust in conformance with ABSI/TPI 1 or for handling shipp of boxes on of trusts and post on as shown above and on a Boxes is unless mored otherwise. Before to drawings 1604-Z for standard plans positions at Details unless mored otherwise to drawings 1604-Z for standard plans positions of the drawing indicates account and use of this standard plans of the drawing the drawings 1604-Z for more informat on see general notes page ITM-DCG www.tabog.com. IPI www.tphnst.org.WTCA www.sbc.ndustry.com.

ALONAL TRIBUTE 12/04/2013

> SPACING DUR.FAC TOT LD.

24.0" 1.25 37.0 PSF

JREF-

1V1V487\_Z03

FROM

/Anita and Jerry West Resi -- Lake City, FL - HJ10 9'10 13 Hip Jack Girder )

Top chord 2x4 SP #1-13B Bot chord 2x4 SP M-30 Webs 2x4 SP #3-13B

( 13-285--Fill in later

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

Wind loads and reactions based

on MWFRS

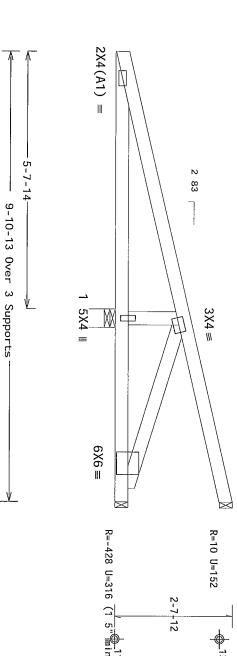
Bottom chord checked for 10 00 psf non-concurrent live load

Negative reaction(s) of -427# MAX case requires uplift connection (See below) from a non-wind load

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

Left cantilever is exposed to wind

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





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

 $03_{m}\Omega A_{m}\Omega 326.13$ 

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

Scale =.5"/Ft R9114- 2678

20.0 PSF

7.0 PSF

DATE REF

12/03/13

R=660 U=1074 W=4 95"

(4 95"

m : n )

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Wave

Trusses require extreme care in fabr catt my banding shipping installing and bracing Ret follow the latest edition of BCSI (Bu Iding Component Safety Informat on by IF1) and WTCA) foo practices prior to performing these functions installers shall provide temperary bracing pulliness noted otherwise top chord shall have properly attached structural shaathing and bottom shall have a properly attached or gift could be shall have a properly attached or gift could be shall have a properly attached or gift could be shall have a properly attached or gift could be shall have a properly attached or gift could be shall have a properly attached or gift could be shall have a properly attached or gift could be shall have brace ng installed per BCSI sections 83 87 or 810 as applicable · IMPORTANT \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

I'W Build ng Components Group Inc (ITWB06) shall not be responsible for any deviation ramany failure to build the truss. In conformance with ANS/TPI1 or for handing shipping is bracing of trusses. Apply plates to each face of truss and position as shown above and on Doctails unless noted otherwise. Refer to drawings 180A-Z for standard plate positions. All offers and or occurrence of professional engineering drawing or cover page 1 tm gittle drawing and cates acceptance of professional engineering responsibility of the Mailing Designer per ANS/TPI1 Sec 2 for more information segmental notes page 1 TM-B06 www litabog com TPI www.tpinstorg WTCA www.stcindustry.com

ITW Building Components Group

ALPINE

Orlando FL, 32837 FL COA #0 278



BC LL BC DL TC DL TC LL

PSF

SEQN-HC-ENG

335141

FROM

10.0 PSF 0 0 PSF

DRW HCUSR9114 13337135

WHK/WHK

SPACING DUR. FAC. TOT.LD.

24.0" 1.25 37 0

JREF-

1V1V487\_Z03

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR FL - HJ10 9 10"13 Hip Jack Girder )

Top Bot ( 13-285--Fill in later b chord 2x4 SP t chord 2x4 SP Webs 2x4 SP #1-13B #1-13B #3-13B /Anita and Jerry West Resi -- Lake City, Special loads

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

Negative reaction(s) of -248# MAX case requires uplift connection (See below) from a non-wind load

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

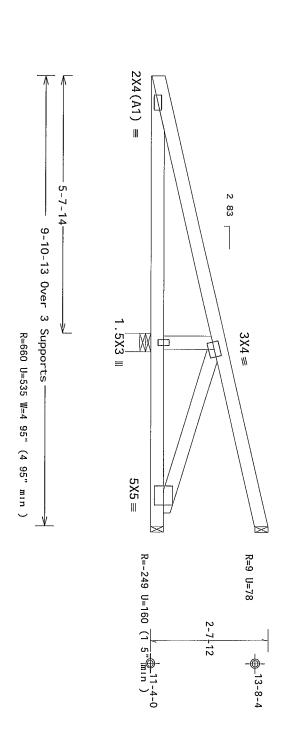
Bottom chord checked for 10 00 psf non-concurrent live load

Load at Load at 1 48 t 4 31 at 7 13 1 48 t 4 31 at 7 13 / Plate Dur Fac = 0 to 2 plf at 0 to 2 plf at : =1 25) at 9 90 at 9 90

Wind loads and reactions based on MWFRS

Left cantilever is exposed to wind

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



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

 $03_{11} + 0.326.13$ 

QTY:1

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

20.0

PSF

REF

Scale =.5"/Ft. R9114- 2679

BC LT BC DL

10.0 PSF 0 0 PSF

DRW HCUSR9114 13337095

TC DL TC LL

7.0 PSF

DATE

12/03/13

DUR. FAC.

FROM

TOT.LD.

37.0 PSF

SEQN-

HC-ENG

WHK/WHK 335138

SPACING

24.0" 1.25

JREF- 1V1V487\_Z03

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

TYP.

Wave

\*\* IMPORTANT\*\*

Trusses require extreme care in fabricat ag handling shipping installing and bracing Reference to the latest edition of BSSI (Building Component Safeky Informat on by IPI and WTGA) requestly practices prior to performing these functions. Installers shall provide temporary bracing by the linkess noted otherwise top chord shall have properly attached structural sheathing and bottom shall have a properly attached rigid cost ling Locations shown for persanent lateral restraint of which shall have a properly attached rigid cost lings locations shown for persanent lateral restraint of which shall have a properly attached rigid cost lings locations shown for persanent lateral restraint of which shall have bracing installed per BSSI sections 83 B7 or B10 as applicable. CENSE

I'll Bu I ding Components Group Inc (178805) shall not be respons blo for any deviation of any failure to build the trues in conformance with AMSI/TPI 1 or for handling snipping there may failure to build the trues in conformance with AMSI/TPI 1 or for handling snipping there may be trues and post to asstance above and on betails unless motac otherwise. Refer to drawings 160A-2 for standard plate positions Afterway or cover page lists not stay to drawings 160A-2 for standard plate positions.

ITW Building Components Group

ALPINE



13-285--Fill in later /Anita and Jerry West Resi -- Lake City, 된 -HJ4 4'2"3 Hip Jack Girder

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

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

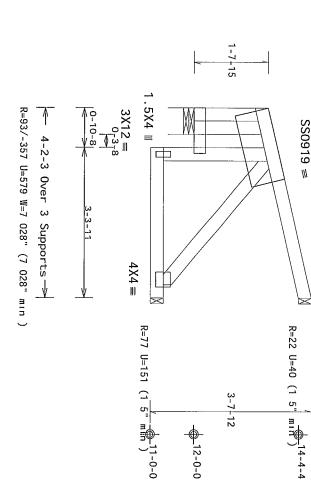
83

Negative reaction(s) case requires uplift of -356# MAX connection (See below) from a non-wind load

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

Wind loads and reactions based on MWFRS

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



PLT TYP. ITW Building Components Group Orlando FL, 32837 FL COA #0 278 **ALPINE** 18 Gauge HS, Wave I'W Build ng Components Group Inc. (ITWECC) shall not be respons by it or any deviation of any failure to but if the trues in conformance with ABSI/IPI 1 or for handling ab ping of breat ng of truesces. Apply places to each face of trues and position as abnewn become and any face of the second face of this design for any the respons bity solely for the design face and the second face of this design for any the respons bity solely for the design face and the second face of the second Trusses require extreme care in fabr cating handling shipping installing and bracing Recomposed Follow the latest edition of ECSI (Building Component Safety Information by TPI and WTCA) foogleps practices prior to performing these functions installers shall provide temporary bracing populations in the property attached structural sheathing and button fall three property attached in the property attached structural sheathing and button shall have a property attached in declaration shown for permanent lateral restract of a shall have a property attached in declaration shown for permanent lateral restract of a shall have a property attached in declaration shown for permanent lateral restract of a shall have a property attached for ECSI sections 83 87 or B10 as applicable Design Crit. FBC2010Res/TPI-2007(STD) FT/RT=10%(0%)/0(0) REAL TONING QTY:1 BC DL BC LL TC DL TC LL SPACING DUR.FAC TOT.LD FL/-/5/-/-/R/-1.25 37 0 10.0 PSF 20.0 PSF 24 0 0 PSF 7 0 PSF 0 PSF DATE REF FROM SEQN-HC-ENG DRW HCUSR9114 13337150 JREF - 1V1V487\_Z03 Scale = 5"/Ft. R9114- 2680 MHK/WHK 335503 12/03/13

12/04/2013

( 13-285--Fill in later /Anita and Jerry West Resi 1 Lake City, FL - HJ4 3'6"6 Hip Jack Girder )

Top chord 2x4 SP 2850f-2 3E Bot chord 2x4 SP 2850f-2 3E Webs 2x4 SP #1-13B W2 2×4 SP M-30

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

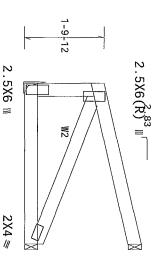
Wind loads and reactions based on MWFRS

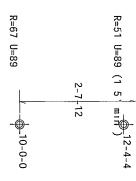
Deflection meets L/240 live and L/180 total load factor for dead load is 1 50  $\,$ Creep increase

> Negative reaction(s) of -265# MAX case requires uplift connection (See below) from a non-wind load

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

Bottom chord checked for 10 00 psf non-concurrent live





< 3-6-6 Over 3 Supports

R=92/-265 U=601

Design Crit

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

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

QTY:1

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

Scale = 5"/Ft.R9114- 2681

20 0 PSF

7.0 PSF

DATE REF

12/03/13

TYP.

Wave

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

Trusses require extreme care in fabr cat ng handling shipping installing and bracing Registrollow the latest edition of BCS1 (Building Component Safety Information by TPI and WTCA) focus practices prior to performing these functions. Installers shall provide temporary bracing page to this provide the property attached structural sheathing and bottom shall have a properly attached in discovering the properly attached in the properly attached at the properly attached in the properly attached properly attached in the properly attached in the properly attached in the properly attached properly attached in the properly attached attached in the properly attach

I'W Build ng Components Group inc (ITWBCC) shall not be respons bit for any day at on farming any failure to build the truss n conformance with ANSI/TPI 1 or for handling any paper bree ng of trusses. Apply plates to each face of truss and posit on an animal motion and on the plates to each face of truss and posit on an animal motion and of the mg or cover page i listing this day in distance acceptance of professional ang need free positions. And the mg or cover page i listing this game in distance of professional and need free positions of the design for any the responsibility of the design shown The suitability and use of this design for any the responsibility of the design for any the responsibility of the design for any the responsibility of the design for any the face of the design for any the responsibility of the design for any the suitability and use of the design for any the responsibility of the design for any the suitability and use of this design for any the face of the design face

CENSE ENER . 12/04/2013 BC LT BC DL SPACING DUR.FAC TC DL TC LL TOT LD. 37 0 PSF 10.0 PSF

0 0 PSF

HC-ENG WHK/WHK

DRW HCUSR9114 13337062

SEQN-

335487

24.0" 1.25 FROM JREF - 1V1V487\_Z03

Top chord 2x4 SP 2850f-2 3E Bot chord 2x4 SP 2850f-2 3E Webs 2x4 SP #3-13B ( 13-285--Fill in later /Anita and Jerry West Resi

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

120 mph wind, 22 81 ft mean hgt, ASCE 7-10, anywhere in roof, RISK CAT II, EXP B, wind DL=5 0 psf GCpi(+/-)=0 18 TC DL=3 5 psf, wind BC

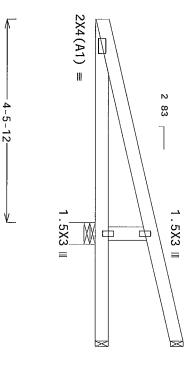
Left cantilever is exposed to wind

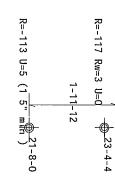
Deflection meets L/240 live and L/180 total load factor for dead load is 1  $50\,$ Creep increase

> Special loads ---(Lumber Dur Fac =1 25 / P C- From 2 plf at 0 00 tt C- From 2 plf at 0 00 tt C- From 2 plf at 1 0 00 tt C- 35 10 lb Conc Load at 1 C- 278 46 lb Conc Load at 1 C- 29 65 lb Conc Load at 1 C- 103 37 lb Conc Load at 1 1 48 1 4 31 1 48 1 431 ť ç Plate Dur Fac =1 2 plf at 7 2 plf at 7 =1 25) 7 07 7 07

Wind loads and reactions based on MWFRS

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





7-0-14 Over 3 Supports R=687 U=11 W=5 657" <del>б</del> 657" mın )

PLT TYP Wave

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

Design Crit

Trussess require extreme care in fabr car ng handing shipping installing and bracing Rot Trussess require extreme care in fabr car ng handing shipping installing and bracing Rot Tollow the latest edition of BCSI (Building Component Safety information by TPI and WTCA) Tog protect eas prior to performing those functions installers shall provide temporary bracing polymers are properly attached at have properly attached at the tructural shearthing and borger shall have a properly attached or gid celling Locations shown for permanent lateral restractions.

CENS

BC DL BC LL

10.0 PSF

DRW HCUSR9114 13337146

TC DL

7.0 PSF

DATE REF

12/03/13

TC LL

20.0 PSF

ITW But Id ing Components Group Inc. (ITWECD) shall not be responsible for any day attention became in the format of the state of the s

ITW Building Components Group

ALPINE

Orlando FL, 32837 FL COA #0 278

WANTE CONTRACTOR 2/04/2013

DUR.FAC. 1.25

24.0"

FROM

SPACING

JREF- 1V1V487\_Z03

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

,0326.

QTY·4

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

Scale =.5"/Ft. R9114- 2682

TOT.LD

37 0 PSF

SEQN-

0 0 PSF

HC-ENG

WHK/WHK 335508

HJ7 7'0"14 Hip Jack Girder

;

Lake City,

FL -

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

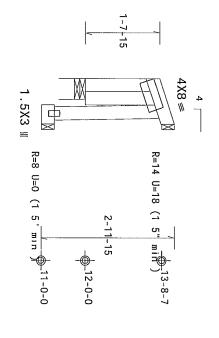
Lumber grades designated with "13B' 1/30/2013 by ALSC use design values approved

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

120 mph wind, 15 00 ft mean anywhere in roof, RISK CAT DL=5 0 psf GCpi(+/-)=0 18 n hgt, AS ASCE 7-10, XP B, wind 1 TC DL=3 5 psf, wind BC

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

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



1-0-0 Over 3 Supports

R=45 U=0 W=5 5' (5 5' 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 FBC2010Res/TP1-2007(STD) FT/RT=10%(0%)/0(0)

> > 03,04,0326

0TY:1

FL/-/5/-

/-/R/-

Scale =.5"/Ft. R9114- 2683

20.0 PSF

REF

TC DL TC LL

7.0 PSF

DATE

12/03/13

10.0 PSF

DRW HCUSR9114 13337149

Design Crit

PLT TYP.

Wave

Trusses require extreme care in fabr eating handling shipping installing and bracing Required the latest edition of BCSI (Building Component Safety Information on by TPI and WICA) for particles prior to performing these functions installiars shall provide temporary bracing by any limited including the property attached structural sheathing and button fall linkes noted otherwise top chord shall have property attached structural sheathing and button shall have a property attached ry discilling location one shown for permanent lateral restrictions shall have a property attached the consistency of the property attached the consistency of the permanent lateral restrictions shall have a property attached ry discilling location shall have a property attached ry discilling location on shown for permanent lateral restrictions. \*\*!MPORTANT\*\*

ITW Build ng Components Group Inc. (ITMECC) shall not be respons big for any day at on any failure to be id the trust or conformance in MSI/TPI 1 or from familding shapping the brown of trustess. Appropriate the properties of the Sand post trong shapping the brown of the Sand post trong shapping the brown of the Sand post trong shapping the brown of the Sand post trong shapping treepondshill be provided by the day of the Sand post trong shapping the sand post trong shapping treepondshill by of the Sand India Das giver por AMSI/TPI 1 Soc 2 for more information are general mores page ITM-SGG www itchaegic com IPI www.tp.nst.org WTCA www.sbc.ndustry.com

WANT STANDS 12/04/2013 BC LL BC DL DUR. FAC. SPACING TOT.LD

37.0 PSF

SEQN-

FROM

MM

0 0 PSF

HC-ENG

MHK/WHK 335498

24.0" 1.25

JREF- 1V1V487\_Z03

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 n hgt, ASCE 7-10, CLOSED bidg, Located II, EXP B, wind TC DL=3 5 psf, wind BC

desıgn 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

2X4(A1)

Ш

R=18 U=3 (1 \$-7 - 15 - 12-4-7 R=15 U=0 1 - 12-0-0

1-0-0 Over 3 Supports

R=43 U=0 H=H1

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

. 13

QTY.10 FL/-/5/-/-/R/-

TC LL

20.0 PSF

REF

Scale = 5"/Ft. R9114- 2684

7.0 PSF

DATE

12/03/13

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

PLT TYP

Wave

\*\*!MPORTANT\*\*

Trusses require extreme care in fabricating handling shipping installing and bracing Refollow the latest edition of BCSI (Building Component Safety Information by TPI and WTCA) for practices prior to performing these functions. Installers shall provide temporary bracing publics maded otherwise top chord shall have properly attached structural sheathing and bottom shall have a properly attached rigd due to ing. Locat one shown for permanent lateral restrict shall have a properly attached rigd due to ing. Locat one shown for permanent lateral restrict shall have a properly attached rigd due to ing. Locat one shown for permanent lateral restrict shall have a properly attached rigd due to ing. Locat one shown for permanent lateral restrict shall have a properly attached rigd due to ing. Locat one shown for permanent lateral restrict shall have a properly attached right one shall have a properly attached right on shall have a properly attached right one shall have a properly attached right on shall have a properly attached right one shall have a properly attached right one shall have a properly attached right on shall have a properly attached right one shall have a properly attached right on shall have a properly attached right one shall have a properly attached right on shall have a properly attached right one shall have a properly attached right one shall have a properly

I'W Building Components Group inc (I'WEGE) shall not be respons to far any deviat on the any deviate of the shall refer to the

ITW Building Components Group

ALPINE

Orlando FL, 32837 FL COA #0 278

WONAL STORY 2/04/2013

> BC LL BC DL TC DL

0 0 PSF

HC-ENG WHK/WHK DRW HCUSR9114 13337069

SEQN-

335108

FROM

10.0 PSF

SPACING DUR. FAC. TOT.LD.

24.0" 1.25 37.0 PSF

JREF- 1V1V487\_Z03

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

H= recommended connection based on manufacturer tested capacities and calculations Conditions may exist that require different connections than indicated Refer to manufacturer publication for additional information

These support conditions used at bearings indicated (H1) = LU24  $_{\rm W}/$  (2)2x6 SP SS-13B supporting member (4) 0 148"x3 nails into supporting member, (2) 0 148"x1 5' nails into supported member

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

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

Hanger specified assumes connection to supporting chord is located minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating coverage

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

2X4(A1)

R=18 U=3 (1 \$-7-15-11-8-7 R=15 U=0 11-4-0

1-0-0 Over 3 Supports

H=H1 R=43 U=0

PLT TYP. Wave

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

12.03**,,04,,0**326.13

QTY:1

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

Scale = .5"/Ft. R9114- 2685

TC LL

20.0 PSF

7.0 PSF

DATE REF

12/03/13

Trusses require extreme care in fabricating handling shipping intextling and breaing Reg follow the latest edition of BCSI (Building Component Safety information by TPI and WTCA) for practices prior to performing these functions. Installers shall provide temporary bracing populations to performing these functions installers shall provide structural sheathing and borger is a properly attended rigid to a ling Locations shown for permanent lateral restraints shall have a properly attended rigid to ling Locations shown for permanent lateral restraints shall have a properly attended rigid to ling Locations shown for permanent lateral restraints shall have bree ng installed per BCSI sections 83 B7 or B10 as applicable. \*\* IMPORTANT \*\* \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

I'W Building Components Group Inc (ITWBCG) shall not be responsible for any deviation reach any failure to be if the truss in conformance with AMSI/TPI 1 or for handling shipping shall be red go of trusses. Apply places to each face of cruss and pose tion as shown above and on the Justice in the state of this design for any the responsibility solely for the design shown. The suitability and use of this design for any the responsibility of the building Designer per AMSI/TPI 1 sec 2 for more information see the general notes page (ITM-BCG www.itwbcg.com. IPI www.tpinsto.org WTCA www.sbcindustry.com.)

⊓W Building Components Group Orlando FL, 32837 FL COA #0 278

ALPINE

CENS 12/04/2013 BC LL BC DL TC DL DUR.FAC. TOT.LD.

WONAL STORY

24.0"

37.0 PSF

SEQN-

0.0 PSF

HC-ENG

WIK/WIK 335085

10.0 PSF

DRW HCUSR9114 13337093

JREF- 1V1V487\_Z03

FROM 

1.25

SPACING

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

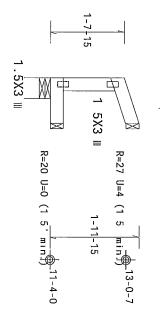
Lumber grades designated with 1/30/2013 by ALSC "13B" use design values approved

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, AS ASCE 7-10, CLOSED bldg, Locate (P B, wind TC DL=3 5 psf, wind Located , wind BC

Wind loads and reactions based on MWFRS with additional C&C member design  $% \left( 1\right) =\left\{ 1\right\} =$ 

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



1-0-0 Over 3 Supports

R=37 U=2 W=5 5' (5 5" min )

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

1MPORTANT \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET! FT/RT=10%(0%)/0(0)

Design Crit

FBC2010Res/TPI-2007(STD)

QTY:2

FL/-/5/-

/-/R/-

Scale =.5"/Ft. R9114- 2686

20.0 PSF

REF

BC DL BC LL

10.0 PSF

DRW HCUSR9114 13337077

0.0 PSF

HC-ENG

MHK/WHK 335071

SEQN-

FROM

SPACING DUR. FAC TOT.LD.

24.0" 1.25 37.0 PSF

JREF- 1V1V487\_Z03

TC PL TC LL

7.0 PSF

DATE

12/03/13

Ŧ

Wave

Trussos require extreme care in fabricating handling shipping installing and bracing Roll follow the lateset edit on of BSSI (Bu liding Component Seriety Information by TPI and WTCA) for practices prior to performing these functions installers shall provide temporary bracing politics in the property actions and button the property attached structural shoathing and botton shall have a property attached rigid celling Locations shown for permanent lateral restrains shall have a property attached rigid celling Locations shown for permanent lateral restrains shall have a property attached rigid celling Locations shown for permanent lateral restrains shall have a property attached rigid celling Locations shown for permanent lateral restrains shall have a property attached rigid celling Locations shown for permanent lateral restrains shall have a property attached rigid celling Locations shown for permanent lateral restrains shall have a property attached rigid celling locations shown for permanent lateral restrains.

ITW Building Components Group Inc (ITWECQ) shall not be respons bit for any day atton from any failure to build the trust in conformance with ANS/ITPI 1 or for handing shipping the bracing of trustees. Apply plates to each from of trust and position as shown above and on the Details unless more of the trustees. Apply plates for so drawings 160A-2 for estandard place positions. A Details unless more of the trustees for the design for any group or cover page 1 isting this drawing indicates acceptance of profess and engineers of responsibility solity for the design shown. The autability and use of this design for any the responsibility of the Building Designer per ANS/ITPI 1 Sec 2 for more information see the responsibility of the Building Designer per ANS/ITPI 1 sec 2 for more information see

CANER 2/04/2013

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

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

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 B, 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 design  $% \left( 1\right) =\left( 1\right) +\left( 1\right) +$ 

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

2X4(A1) =

R=18 U=3 (1 \$\frac{1}{3}\tau\_n^1 \frac{1}{n} \frac{1}{

O Over 3 Supports

1-0-0 Over 3 Supports

R=43 U=0 H=H1

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

QTY:17 FL/-/5/-/-/R/-

Scale = .5"/Ft. REF R9114- 2687

BC DL

10.0 PSF 0.0 PSF

DRW HCUSR9114 13337114 HC-ENG WHK/WHK TC DL

7.0 PSF

REF

12/03/13

TC LL

20.0 PSF

PLT TYP.

Wave

"WARNING" READ AND FOLLOW ALL NOTES ON THIS SHET!

"IMPORTANT" FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

Trusses require extreme care in fabricanting handling shipping metalling and bracing Rengalization of BSSI (Su id ing Component Safety information by FPI and WTCA) for paractices prior to performing these functions installers shall provide temporary bracing perfectives noted otherwise top chord shall have properly attached structural shaething and bottom shall have properly acted or ing the shall have broperly attached figlid conting the shall have bracing installers accions 83 87 or 810 as applicable

any failure to build the truss in conformance with AMS/TPI 1 or for hand and subjust in the conformance with AMS/TPI 1 or for hand and subjust in the conformance with AMS/TPI 1 or for hand and subjust bracing of trusses. Apply plates to each face of truss and position as shown above and on this Job Detail is unless noted otherwise. Before to drawings 160A-Z for standard plates positions A segregation of the conformation seems and the conformation seems the response bility of the design shown. The suitability and use of this design for any structure response bility of the Building Designer per AMSI/TPI 1 Sec 2. For more information seems This

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

ALPINE

shown The suitability and use of this design for any structure is signer per ANSI/TPI 1 Sec 2. For more information see. This 65 con Grown TPI www.tpinst.org. WTCA. www.sbcindustry.com

CONTERNATION OF THE PARTY OF TH

2/04/2013

DUR. FAC. SPACING

37.0 PSF 1.25 24.0"

JREF- 1V1V487\_Z03

FROM

SEQN-

335124

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

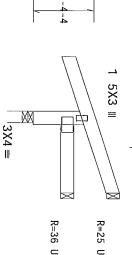
Lumber grades designated with "13B" use design values approved 1/30/2013 by ALSC

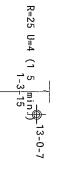
Bottom chord checked for 10 00 psf non-concurrent live load

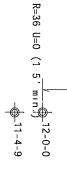
120 mph wind, 15 00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3 5 psf, wind BC DL=5 0 psf GCpi(+/-)=0 18

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

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







| = 1-2-8 | 1-9 | 8 Over 3 Supports | R=162 U=29 W=3" (3" min )

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

QTY:1

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

Scale = .5"/Ft. REF R9114- 2688

20.0 PSF

7.0 PSF

DATE

12/03/13

PLT TYP.

Wave

ALPINE

ALPINE

ALPINE

TW Building Components Group life.

Orlando FL, 32837

FL COA #0 278

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

Trusses require extreme care in fabricat ng handling shipping installing and bracing Rero to the latest edition of BCSI (Build ing Component Safety Information by ITI and WTCA) for the proteines prior to performing these functions. Installiers shall prov de temporary brace ng pognition will be to the performance of the proteins of the proteins and the providence structural sheath ng and better shall have a properly attached in decing location as shown for permanent lateral reservations shall have a properly attached in decing locations BS 87 or B10 as applicable.

up to the Components brough line (IMBUD) shall have be reapons ble for any dev attent from the components of the trues of conformance with AMSI/TP) to profess hadding at helping line ground the component Apply places to each face of trues and position as summer above and the component Apply places to each face of trues and position as summer above and the component Apply places to each face of trues and position as summer above and the component Apply places to each face of the component Apply places to each face of the component Apply places and the component Apply places are component and the component Apply places are component Apply places. The component Apply places are component Apply places and the component Apply places are component Apply places.

TC LL
TC DL
BC DL
BC LL
TOT.LD.
DUR. FAC.
TOT.LD.
SPACING

DUR.FAC. 1.25 FROM JMW
013 SPACING 24.0" JREF- 1V1V487\_Z03

37.0 PSF

SEQN-

335499

0.0 PSF

DRW HCUSR9114 13337070 HC-ENG WHK/WHK

10.0 PSF

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

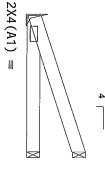
Lumber grades designated with 1/30/2013 by ALSC "13B" use design values approved

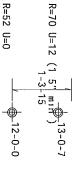
Bottom chord checked for 10 00 psf non-concurrent live load

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

Wind loads and reactions based on MWFRS with additional C&C member design  $% \left( 1\right) =\left\{ 1\right\} =$ 

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





<3 0 0 Over 3 Supports

R=117 U=0

Design Crit.

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

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

QTY:2

FL/-/5/-

/-/R/-

Scale =.5"/Ft. R9114- 2689

20.0 PSF

7.0 PSF

DATE REF

12/03/13

PLT TYP.

Wave

Trusses require extreme care in fabr cax mg handing shipping installing and bracing Rerostrollow the latest edition of BCSI (Building Component Safety Information on by TPI and WICA) for Safety practices prior to performing these functions. Installiers shall provide temporary bracing possessible links a noted otherwise top chord shall have properly attached structural sheathing and bottom shall have a properly attached rigid celling. Locations shown for permanent lateral restrained or within these properly attached rigid celling. \*\*IMPORTANT\*\* \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!

ITW Build ng Components Group Inc (ITWBCG) shall not be respons ble for any deviation from any failure to build the truss in conformance with AMSI/MPI 1 or for handling shipping in bracing of trusses. Apply plates to each face of truss and position as shown above and on the conformance of the conformation of the conformation

TONKER. 2/04/2013 BC LT BC DL SPACING DUR.FAC TC DL TC LL TOT.LD.

24.0" 1.25 FROM JREF- 1V1V487\_Z03 

37.0

PSF

SEQN-

10.0 PSF

DRW HCUSR9114 13337125

0.0 PSF

HC-ENG

WHK/WHK 335119

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

H = recommended connection based on manufacturer tested capacities and calculations Conditions may exist that require different connections than indicated Refer to manufacturer publication for additional information

These support conditions used at bearings indicated (H1) = LU24 w/ (2)2x6 SP SS-13B supporting member (4) 0 148'x3" nails into supporting member, (2) 0 148'x1 5" nails into supported member

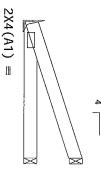
120 mph wind, 15 00 ft mean anywhere in roof, RISK CAT I DL=5 0 psf GCpi(+/-)=0 18 n hgt, ASCE 7-10, CLOSED bidg, Located II, EXP B, wind TC DL=3 5 psf, wind BC

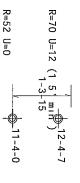
design Wind loads and reactions based on MWFRS with additional C&C member

Hanger specified assumes connection to supporting chord is located minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating

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





<3 0 0 Over 3 Supports

R=117 U=0

PLT TYP Wave

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

QTY:1

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

Scale = .5"/Ft. R9114- 2690

20.0 PSF

7.0 PSF

DATE REF

12/03/13

Trusses require extreme care in fabricating handing shiping intenting and breaking Reference to close the latest extreme care in fabricating handing shiping intention by TPI and WTCA) for a particles prior to performing these functions. Installers shall provide temporary brazing periods the lines are content of the period shall have properly attended structural sheathing and bottom choice shall have a properly student rigid on ing. Locations shown for permanent lateral restrains of whose shall have a properly attended rigid to a ing. Locations shown for permanent lateral restrains of whose shall have a properly attended rigid to a locations shown for permanent lateral restrains of whose shall have a properly student rigid to a locations shown for permanent lateral restrains of whose shall have a properly student rigid to a locations shown for permanent lateral restrains of whose shall have a properly student rigid to a locations shown for permanent lateral restrains of whose shall have a properly student rigid to a location shown for permanent lateral restrains of whose shall have a properly student rigid to a location shown for permanent lateral restrains of whose shall have a properly student rigid to a location shown for permanent lateral restrains and location shown for permanent lateral restrains and lateral restrai .. IMPORTANT.. \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!

ITW Building Components Group Inc. (ITMBCC) shall not be responsible for any deviat on froi any failure to build the truss in conformance with ANSJ/TPI 1 or for handling shipping in braining of trusses. Apply places to send face of truss and position as shown above and on the Decalls unless noted otherwise. Refer to drawings 100A-Z for standard place pages to the property of the design single indicates acceptance of profess on all ong near greaponsibility of the dustign shown. The suitability and use of this dos gn for any such proposability of the Building Designer por ANSJ/TPI 1 Sec. 2 For more information see general notes page ITM-BCG www. twbcg.com. TPI www.tpinstorg. MTCA www.sbc.ndustry.com.

ITW Building Components Group

ALPINE

Orlando FL, 32837 FL COA #0 278



BC LL BC DL TC DL TC LL

0.0 PSF

37.0 PSF

SEQN-HC-ENG

FROM

10.0 PSF

DRW HCUSR9114 13337092

MIK/WIK 335039

SPACING DUR. FAC. TOT.LD.

24.0" 1.25

JREF- 1V1V487\_Z03

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

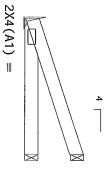
Lumber grades designated with 1/30/2013 by ALSC "13B" use design values approved

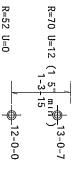
Bottom chord checked for 10 00 psf non-concurrent live load

120 mph wind, 15 00 ft mean anywhere in roof, RISK CAT I DL=5 0 psf GCpi(+/-)=0 18 n hgt, AS ASCE 7-10, CLOSED bldg, Located (P B, wind 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





<3 0 0 Over 3 Supports

R=117 U=0

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

QTY:25 FL/-/5/-/-/R/-

BC DL BC LL

10.0 PSF

0.0 PSF

HC-ENG WHK/WHK DRW HCUSR9114 13337105

335129

SPACING DUR.FAC. TOT LD.

24.0" 1.25 37.0 PSF

JREF- 1V1V487\_Z03

FROM SEQN- TC DL

7.0 PSF

DATE

12/03/13

TC LL

20.0 PSF

REF

Scale = .5"/Ft. R9114- 2691

PLT TYP

Wave

Trusses require extreme care in fabr catting handling ish pping installing and bracing Ref (ollow the latest edition of BCS) (Building Component Safety Information by TPI and BTCA) for season practices prior to performing these functions. Installing shall provide temporary bracing possible fulless noted otherwise top chord shall have properly attached structural sheathing and better shall have a properly attached rigid on the properly attached rigid to all publications shown for permanent lateral restrains of we shall have a properly attached rigid to all specialisms shall have a properly attached rigid to all specialisms shall have a properly attached significant specialisms shall have a properly attached rigid to all specialisms shall have a properly attached specialisms. \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!

FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

Dota is unless noted otherwise. Refer drawing or cover page listing this draw responsibility solely for the design shother responsibility of the Building Design the Responsibility of the Responsibility of the Building Design the Responsibility of the Respons ITW Building Components Group Inc (ITWBCC) shall not be responsible for any deviat on freamy failure to build the truss in conformance with ANSI/IPI 1 or for handling shipping in bracing of trusses. Apply plates to each face of truss and position as shown above and on the conformance of the conformance of the conformation and the conformation of the conformation o

ITW Building Components Group Inc.

ALPINE

Orlando FL, 32837 FL COA #0 278

CANER 2/04/2013

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

H= recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information

These support conditions used at bearings indicated (H1) = LU24  $\rm w/$  (2)2x6 SP SS-13B supporting member (4) 0 148 x3 nails into supporting member, (2) 0 148 x1 5 nails into supported member

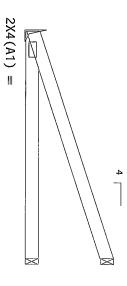
120 mph wind, 15 00 within 4 50 ft from wind BC DL=5 0 psf 00 ft mean hgt, ASCE 7-10, rom roof edge, RISK CAT II, sf GCp:(+/-)=0 18 CLOSED bldg, not located EXP B, wind TC DL=3 5 psf,

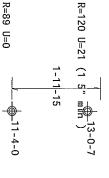
Wind loads and reactions based on MWFRS with additional C&C member design

Hanger specified assumes connection to supporting chord is located minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating coverage

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





5-0-0 Over 3 Supports

R=192 U=2 RL=27

H=H1 Design Crit

TYP.

Wave

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

> > QTY.1

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

Scale =.5"/Ft. R9114- 2692

TC LL

20.0 PSF

7.0 PSF

DATE REF

12/03/13

"IMPORTANT"

Trussos require extreme care in fabricating handling shipping installing and bracing Ref follow the latest edition of BCSI (Building Component Sarety Information on by IPI and WTCA) for a protections for the protections of the stall provide temporary bracing pegistrations are noted otherwise top chord shall have properly attached structural sheathing and botted their shall have a properly attached rigid on eligible consistent of properly attached rigid on eligible consistent shall have a properly attached rigid on eligible consistent shall have a properly attached rigid on eligible consistent shall have a properly attached rigid on eligible consistent shall have a properly attached rigid on eligible consistent of the protection of the shall have a properly attached rigid on eligible consistent of the protection of the shall have a properly attached rigid on eligible consistent of the protection of t

I'W Building Components Group inc (ITWECC) shall not be responsible for any deviat on froi any failure to build the trust in conformance of the ABS/IPF1 or or handling shipping in bracing of trussess. Apply pusses apply the conformance of the ABS/IPF1 or standard base bases and on the Conformance of the ABS/IPF1 or standard place bases are drawing indicates acceptance of professional angles less ing this drawing indicates acceptance of professional angles less ing the responsibility of the Building besigner per ABS/IPF1 | Sec 2 for more information as the responsibility of the Building besigner per ABS/IPF1 | Sec 2 for more information as the responsibility of the Building besigner per ABS/IPF1 | Sec 2 for more information as the responsibility of the Building besigner per ABS/IPF1 | Sec 2 for more information as the responsibility of the Building besigner per ABS/IPF1 | Sec 2 for more information as the responsibility of the Building besigner per ABS/IPF1 | Sec 2 for more information as the responsibility of the Building besigner per ABS/IPF1 | Sec 3 for more information as the responsibility of the Building besigner per ABS/IPF1 | Sec 3 for more information as the responsibility of the Building besigner per ABS/IPF1 | Sec 3 for more information as the responsibility of the Building besigner per ABS/IPF1 | Sec 3 for more information as the responsibility of the Building besigner per ABS/IPF1 | Sec 3 for more information as the responsibility of the Building Build

RENKER. 2/04/2013 BC LL BC DL DUR.FAC. TC DL SPACING TOT.LD.

37 0 PSF

SEQN-

HC-ENG

WHK/WHK 335064

FROM

Š

10.0 PSF 0.0 PSF

DRW HCUSR9114 13337090

24.0" 1.25

JREF- 1V1V487\_Z03

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

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

Left cantilever is exposed to wind

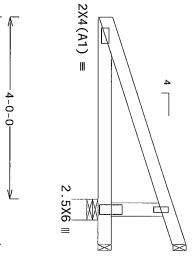
Bottom chord checked for 10 00 psf non-concurrent live

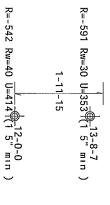
Negative reaction(s) of -591# MAX case requires uplift connection (See below) from a non-wind load

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

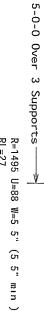
Wind loads and reactions based on MWFRS with additional C&C member

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





1.5X4 Ⅲ



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=10%(0%)/0(0)

QTY:25

FL/-/5/-TC LL

/-/R/-

Scale =.5"/Ft. R9114- 2693

20.0 PSF

7.0 PSF

DATE REF

12/03/13

PLT TYP

Wave

Trusses require extreme care in fabricating handling shipping installing and bracing Rei follow the latest edition of BCSI (Building Component Safety Information by TPI and WTCA) for practices prior to performing these functions installers shall provide temporary bracing operations. Installers shall provide temporary bracing open liness noted otherwise top chord shall have properly attached structural sheathing and bottom liness noted otherwise.

ITW Building Components Group Inc. (ITWBCD) shall not be responsible for any downstion from any failure to build the trust in conformance with MSL(IPP) in or for handling as highing it breaking of trusses. Apply plates for each face of truss and position as shown above and on breaking or trusses. Apply plates for each face of truss and position as shown above and on Botta is unless moted otherwise. Refor cat drawing 1000-2 for standard place positions. A detailing or cover page isting this drawing indicates acceptance of professional engineering. drawing or cover page I st ng th s draw responsibility solely for the des gn sho the responsibil ty of the Bu Iding Des o

CONTRA

BC LL BC DL TC DL

10.0 PSF 0.0 PSF

DRW HCUSR9114 13337094

WHK/WHK

335015

2/04/2013

SPACING DUR.FAC. TOT.LD.

24.0" 1.25 37.0 PSF

JREF-

1V1V487\_Z03

FROM SEQN-HC-ENG

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

 $\mathsf{H} = \mathsf{recommended}$  connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional intormation

These support conditions used at bearings indicated (H1) = LU24 w/ (1)2x4 SP 2850f-2 3E supporting member (4) 0 162 x3 5' nails into supporting member, (2) 0 148"x1 5" nails into supported member

 $\ensuremath{\mathsf{MWFRS}}$  loads based on trusses located at least 30 00 edge Ę from roof

120 mph wind, 15 00 ft mean hgt, ASCE 7-10, within 9 00 ft from roof edge, RISK CAT II, wind BC DL=5 0 psf GCpi(+/-)=0 18

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

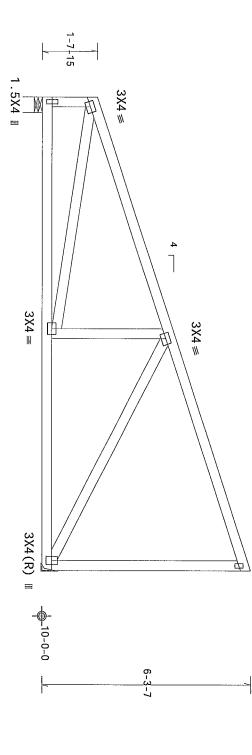
Wind loads and reactions based on MWFRS with additional C&C member

Right end vertical not exposed to wind pressure

Hanger specified assumes connection to supporting chord is local minimum of five times the depth of the supporting chord from a unsupported end, unless unsupported chord end has 85% plating from any

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

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



RL=48 R=519 U=0 ₩=5 5" (5 5" min ) 13-10-8 Over 2 Supports R=519 U=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 FBC2010Res/TPI-2007(STD) FT/RT=10%(0%)/0(0)

QTY·7

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

Scale = .375"/Ft. R9114- 2694

20 0

PLT TYP.

Wave

Trusses require extreme care in fabricating handling ship ping installing and bracing Rock follow the latest edition of BCSI (Building Component Safety Information by TPI and WTCA) for practices prior to performing these functions. Installers shall provide temporary bracing post limites noted otherwise top chord shall have properly attached structural sheathing and botted shall have a properly attached ing Lock or shall have a properly attached in the Lock of the

I'W Building Components Group inc (ITWBGS) shall not be responsible for any deviation from the first business of the building boson pring in the principle of the building boson pring in the principle of the building boson pring in the principle of the building boson building

CONTRACT. 2/04/2013 BC LL BC DL TC DL SPACING DUR. FAC. TOT.LD. TC LL

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DRW HCUSR9114 13337120

7.0 PSF PSF

DATE REF

12/03/13

0.0 PSF

HC-ENG

WHK/WHK

SEQN-

335040

FROM

24.0" 1.25 37.0 PSF

JREF- 1V1V487\_Z03

and Jerry West Resi -- Lake City, Ħ MG1 G 7 Ν Mono Girder THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR

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

( 13-285--Fill in later

/Anıta

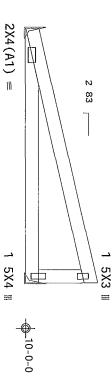
Lumber grades designated with "13B" use design values approved  $1/30/2013\ \mbox{by ALSC}$ 

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

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

Wind loads and reactions based on MWFRS with additional C&C member design  $% \left( 1\right) =\left( 1\right) +\left( 1\right) +$ 

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



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Orlando FL, 32837

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

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

Design Crit

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

QTY:1

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

Scale

11

5"/Ft.

TC DL

10.0 PSF 0.0 PSF

DRW HCUSR9114 13337066

WHK/WHK 335448 TC LL

20 0 PSF

R9114- 2695

7.0 PSF

DATE

12/03/13

TYP.

Wave

Trusses require extreme care in fabr cating handling shipping nestalling and bracking Refollow the lateust edition of BSSI (Building Component Servety Information by TP1 and MTCA) for practices prior to performing these functions. Installiers shall provide temporary bracking publications from the component servety and business moted otherwise top chord shall have properly attached structured; shaething and body shall have a properly attached rigid cost ing. Locations shown for permanent lateral restrict shall have a properly attached rigid cost ing.

ITW But Iding Components Group inc. (ITWECD) shall not be respons bit for any deviation (and party for the state of the st

BC DL

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37.0 PSF 1.25 24.0"

JREF-

1V1V487\_Z03

HC-ENG SEQN-FROM

Top chord 2x4 SP Bot chord 2x6 SP Webs 2x4 SP #1-13B #2-13B #3-13B ₩6, ₩15, ₩20 2x4 SP #2-13B

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

Left cantilever is exposed to wind

Calculated horizontal deflection is  $\boldsymbol{0}$  due to dead load 12" due ţ live load and 0 17"

Hanger specified assumes connection to supporting minimum of five times the depth of the supporting unsupported end, unless unsupported chord end has chord is loc chord from a 85% plating from any

In lieu of OC structural panels use purlins 6 brace all flat TC @ 24"

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

MWFRS loads based on trusses located at least 30 8 7 from roof

> 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, A mean hgt, ASCE of edge, RISK CAGCP: (+/-)=0 18 CAT 11, CLOSED bidg, , EXP B, wind not located TC DL=3 5

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

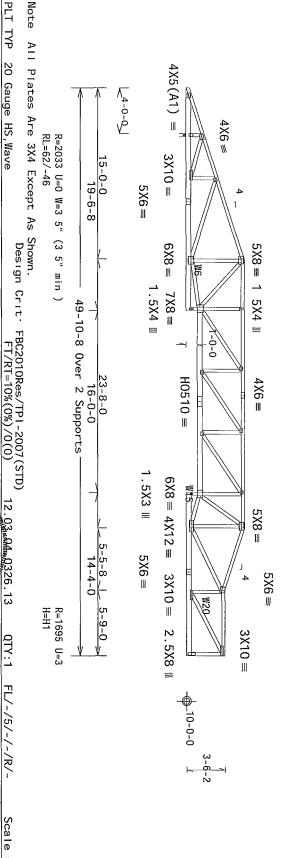
Right end vertical not exposed to wind pressure

 $\rm H=recommended$  connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information

These support conditions used at bearings indicated (H1) = HUS26 w/ (2)2x6 SP M-26 supporting member (14) 0 148"x3" nails into supporting member, (4) 0 148"x3" nails into supported 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 Furnish a copy of this DWG to the installation contractor



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

I'W Building Components Group inc (ITWECC) shall not be responsible for any deviation for the part in the formal department of the formal departme

WALL STORY

BC LL

0.0 PSF

HC-ENG

WHK/WHK 335253

37.0 PSF

SEQN-

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10.0 PSF

DRW HCUSR9114 13337115

TC DL BC

7.0 PSF

DATE REF

12/03/13

TC LL

20.0 PSF

R9114- 2696

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

Scale

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12/04/2013

SPACING DUR.FAC. TOT LD

24.0"

JREF-

1V1V487\_Z03

1.25

FROM

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Trusses require extreme care in fabricaring handling sh pping installing and bracing Reg follow the latest at c on of BCSI (Building Component Safety Information by TPI and WTCA) for practices prior to performing these functions. Installers shall provide temporary bracing hilless noted otherwise top chord shall have properly attached structurels isnathing and bottom shall have a properly attached rigid cet ing Locat consistent of propermanent lateral restrictions.

ALPINE

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Gauge HS

, Wave

IMPORTANT \*\*

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

2.03,04,0326

Top chord 2x4 SP 2850F-2 3E Bot chord 2x6 SP 82-13B B1 2x6 SP M-26 B3, B4 2x6 SP SS-13B Webs 2x4 SP #3-13B W6, W15, W18 2: W7, W8, W14, W16 2x4 SP #1-13B

2x4 SP #2-13B

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

Left cantilever is exposed to wind

H = recommended connection based on manufacturer tested capacities and calculations Conditions may exist that require different connections than indicated Refer to manufacturer publication for additional information

These support conditions used at bearings indicated (H1) = HUS26 w/ (2)2x6 SP M-26 supporting member (14) 0 148"x3' nails into supporting member, (4) 0 148"x3' nails into supported member

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

MWFRS edge loads based on trusses located at least 30 8 ŧ from roof

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

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

Right end vertical not exposed to wind pressure

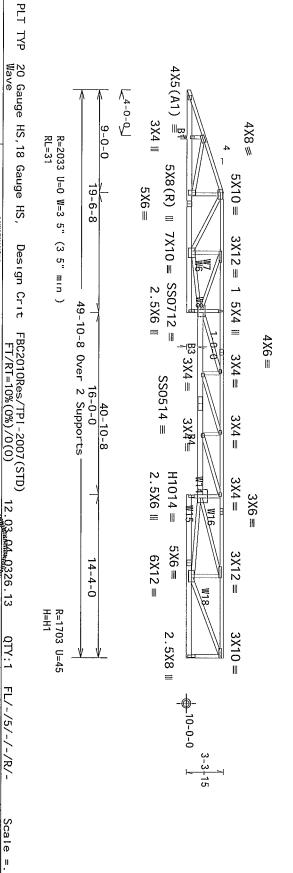
Calculated horizontal deflection is 0 25" due to dead due to live load and 0 36"

Hanger specified assumes connection to supporting minimum of five times the depth of the supporting unsupported end, unless unsupported chord end has coverage g chord is located a g chord from any s 85% plating

In lieu of structural panels use purlins 0Cţ brace all flat TC @ 24"

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



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

\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET
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Z Z I

CENS

BC LL BC DL TC DL

0.0 PSF

10.0 PSF

DRW HCUSR9114 13337068

WHK/WHK

TOT LD.

1.25 37 0 PSF

FROM

SEQN-HC-ENG

335269

0.3, 0.4, 0.326

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QTY:1

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

TC LL

20.0 PSF

REF

R9114- 2697

Scale = .125"/Ft.

7.0 PSF

DATE

12/03/13

Wave

Trusses require extreme care in fabr catting handing shipping installing and bracing lead follow the latest edition of BCS (Building Component Safety Information by TPI and WTCA) for practices prior to performing these functions. Installiers shall provide temporary bracing by a bulless noted otherwise top chord shall have properly attached structural sheathing and borgan shall have a properly attached rigid de ling Locations shown for permanent tateral restraction shall have a properly attached rigid de ling Locations shown for permanent tateral restractions shall have a properly attached rigid de ling Locations shown for permanent tateral restractions shall have a properly attached rigid to shall have a properly attached rigid to shall have a properly attached rigid to shall have a properly attached to the shall have

I'll Building Components Group Inc (ITWECC) shall not be responsible for any day at on family faire to build the truss in conformance we holds[JTP] 1 or for handing shaping bracking of trussess. Apply places to seal face of truss and position as shown above and on the seal is unless noted otherwise. Refer to drawings 1804-2 for standard place past one. Apply the places to seal the seal of the seal o

Wassern P. C. N. C

2/04/2013

SPACING DUR.FAC.

24.0"

JREF-

1V1V487\_Z03

chord 2x4 SP #1-13B chord 2x4 SP #1-13B Webs 2x4 SP #3-13B ₹5 ₩16, ₩19 2x4 SP #2-13B

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

Left cantilever is exposed to wind

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

coverage Hanger specified assumes connection to supporting minimum of five times the depth of the supporting unsupported end, unless unsupported chord end has chord is located a chord from any 85% plating

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

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

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

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

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

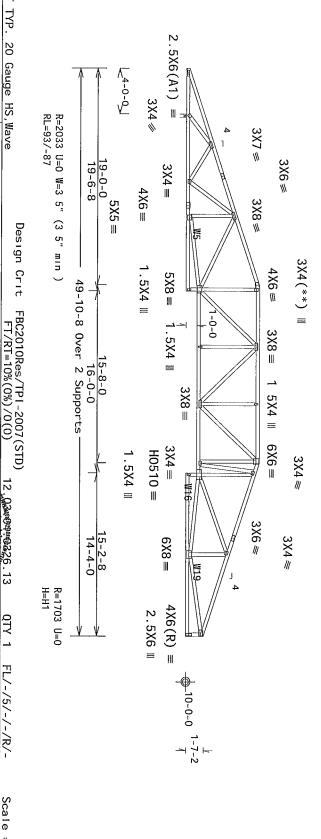
Wind loads and reactions based on MWFRS with additional design C&C member

calculations Conditions may exist that require different connections than indicated Refer to manufacturer publication for additional H = recommended connection based on manufacturer tested capacities and information

These support conditions used at bearings indicated (H1) = HUS26 w/ (2)2x6 SP M-26 supporting member (14) 0 148"x3" nails into supporting member, (4) 0 148"x3" nails into supported member

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

edge MWFRS loads based on trusses located at least 8 8 # from roof



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

Trusses require extreme care in fabr cat ng handling shipping installing and bracing Recomment Streety information by IPI and WICA) for shape practices prior to performing these functions. Installers shall prov de temporary bracing page the liness noted otherwise top chord shall have properly attached structural sheathing and botter shall have a properly attached rigid celling Locations shall have a properly attached rigid celling. Locations shall have a properly attached rigid celling locations shall have a properly attached rigid ri \* IMPORTANT \* \* \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

ITW Building Components Group Inc. (ITWBCG) shall not be respons bit for any deviation right any failure to build the trues in conformance with AMSI/TPI 1 or for handing shipping of bracing of truesses. Apply places to each face of trues and position as shown above and on Details unless noted otherwise. Refer to drawings 180A-2 for standard place positions. A drawing or covering page listing this drawing includes acceptance of profess onal engineers respons be ity solely for the data gives shown. The suitability and use of this data gives the respons be ity solely for the data gives shown. The suitability and use of this data gives the respons being of the data gives shown. The suitability and use of this data gives the respons being of the data gives a spen part AMSI/TPI 1 face 2 for more information so general notes page iTM-BCG www.tubeg.com. TPI www.tpinstorg.WTCA www.sbcindustry.com. al eng neer ng es gn for any s formation see cindustry com

SAN TON VCENSO! TO NEOR TO STATE OF THE PARTY O 2/04/2013 BC LL BC DL SPACING DUR FAC TOT.LD TC DL 37 0 24.0" 1.25 10.0 PSF 0.0 7.0 PSF PSF PSF DATE FROM SEQN-HC-ENG DRW HCUSR9114 13337145 JREF- 1V1V487\_Z03 WHK/WHK 335054 12/03/13

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FL/-/5/-

/-/R/-

Scale = .125"/Ft

C

20 0

PSF

REF

R9114- 2698

#2-13B

Top chord 2x4 SP #1-13B Bot chord 2x6 SP #2-13B Webs 2x4 SP #3-13B 18 W7, ₩15, ₩16 2x4 ş

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

Left cantilever is exposed to

Calculated horizontal deflection is  $\boldsymbol{0}$  due to dead load 2 due to live load and 0 22"

Hanger specified assumes connection to supporting minimum of five times the depth of the supporting unsupported end, unless unsupported chord end has coverage g chord is loc g chord from a 85% plating is located from any

82 lieu of structural panels use purlins ç brace all flat TC @ 24"

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

loads based on trusses located at least 30 8 Ħ from roof

> 120 mph wind, 15 00 ft mean hgt within 13.00 ft from roof edge, psf, wind BC DL=5 0 psf GCpi(+, 00 ft mean hgt, mean hgt, ASCE of edge, RISK C/ GCp:(+/-)=0 18 CLOSED bldg, , EXP B, wind not located TC DL=3 5

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

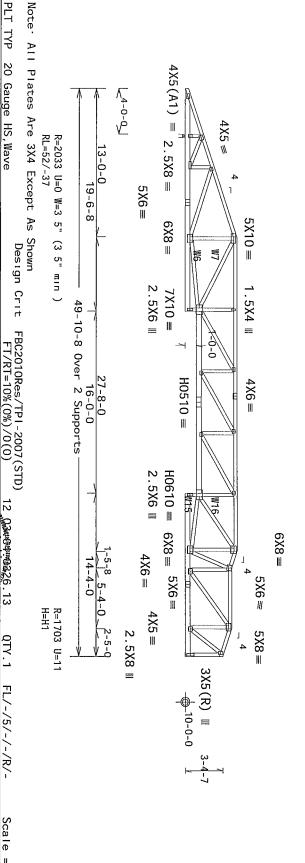
Right end vertical not exposed to wind pressure

 $H = \mbox{recommended connection}$  based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated Refer to manufacturer publication for additional information

These support conditions used at bearings indicated (H1) = HUS26 w/ (2)2x6 SP M-26 supporting member (14) 0 148"x3" nails into supporting member, (4) 0 148"x3" nails into supported member

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

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



PLT TYP

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Gauge HS, Wave

IMPORTANT\*\*

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

**0%を受ける326** 

QTY.

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

Scale

.125"/Ft

BC DL BC LL

10 0 PSF

DRW HCUSR9114 13337067

0.0 PSF

HC-ENG

WHK/WHK 335259

SEQN-

TC DL

DATE REF

12/03/13

TC LL

20 0 PSF 7.0 PSF

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ITW Building Components Group

I'W Bu Iding Components Group Inc. (ITWECC) shall not be respons bit for any deviation from the responsibility of the truss in conformance with ANSI/IPI 1 or for handling shipping facility bracing of trusses. Apply places to each face of truss and position as shown above and on the bottonis unless noted otherwise. Refer to drawings 160Az 7 for standard place positions. A space of the page 1811mg bits drawing indicates acceptance of professional range neering for any studies of the design shown. The suitability and use of this does in for any studies of the page 1811mg of the Building Designer per ANSI/IPI 1 Sec 2 for more information see integrating the page 1811mg of the Building Designer per ANSI/IPI 1 Sec 2 for more information see integrating the page 1811mg of the Building Designer per ANSI/IPI 1 Sec 2 for more information see integrating the page 1811mg of the Building Designer per ANSI/IPI 1 Sec 2 for more information see

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DUR.FAC.

FROM

TOT.LD.

SPACING

24.0" 1.25 37 0 PSF

JREF- 1V1V487\_Z03

12/04/2013

Trusses require extreme care in fabr cating handing shipping installing and bracing Receiption of BCSI (Building Component Safety Information by TFI and WTCA) foreigners practices prior too performing these functions. Install less shall provide temporary bracing populations once distinct on the property attached structural sheathing and bottle chorginal three property attached refuterable shall have a property attached in a ceiling. Locations shown for permanent lateral restraight of which shall have a property attached in a CESI sections 83 B7 or 810 as applicable.

ALP I NE

Orlando FL, 32837 FL COA #0 278

MH5

Top chord 2x4 SP #1-13B Bot chord 2x6 SP #2-13B Webs 2x4 SP #3-13B W15 2x6 SP #1 Dense-13B ( 13-285--Fill in later /Anita and Jerry , 88 T4 2x4 SP M-30 ₩16, W26 2×4 West Resi Ş #2-13B -- Lake Cıty, 끈

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

Left cantilever is exposed ç wind

calculations Conditions may exist that require different connections than indicated Refer to manufacturer publication for additional H = recommended connection based on manufacturer tested capacities and information

These support conditions used at bearings (H1) = HUS26 w/ (2)2x6 SP M-26 supporting (14) 0 148"x3' nails into supported me (4) 0 148"x3' nails into supported me nails into supported member member, member ındicated

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

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

120 mph wind, within 13 00 psf, wind BC 1, 15 00 ft mean ) ft from roof ) DL=5 0 psf G 00 ft mean hgt, mean hgt, ASCE of edge, RISK C GCp:(+/-)=0 18 ير 7-10, 2K CAT ا Ę CLOSED bldg, , EXP B, wind not located TC DL=3 5

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

Right end vertical not exposed to wind pressure

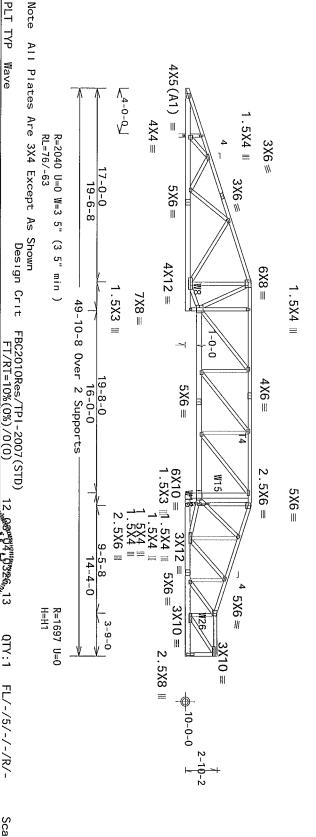
due Calculated horizontal deflection is 0 11" due to live load ξ dead load and 0 5

Hanger specified assumes connection to supporting minimum of five times the depth of the supporting unsupported end, unless unsupported chord end has coverage chord is located chord from any 85% plating

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

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

edge MWFRS loads based on trusses located at least 30 00 7 from



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

QTY:1

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

Scale = 125"/Ft

R9114- 2700

20 0 PSF

PLT TYP

Wave

Trusses require extreme care in fabricating handing shipping installing and brazing Borg follow the latest edition of BCS1 (Building Component Safety Information by TPI and WTCA) for particles prior to performing these functions. Installers shall provide temporary brazing posted billioss noted otherwise top chord shall have properly attached structural sheathing and bottod for shall have a properly attached rigid cost ling Locations shown for permanent lateral restrant of shall have a properly attached rigid cost ling Locations shown for permanent lateral restrant shall have a properly attached rigid cost ling Locations shown for permanent lateral restrant shall have a properly attached rigid cost ling.

ITW Building Components Group Inc (ITWBCG) shall not be respons ble for any deviation fro any failure to build the truss in conformance with ARSI/FPI 1 or for handing as pping in bracing of trusses. Apply places to each face of truss and position as shown above and on the Details unless noted otherwise. Refer to drawings 160A-2 for standard place positions. A drawing or cover page listing this drawing indicates acceptance of profess call engineering trespons bility of the Building Designer por ARSI/FPI 1 Sec. 2 for more formation see general notes page ITM-BCG www.tubecg.com TPI www.tp.nst.org.WTCA www.sbc.ndustry.com.general.notes page ITM-BCG www.tubecg.com.TPI www.tp.nst.org.WTCA www.sbc.ndustry.com.general.notes.page.ITM-BCG www.tubecg.com.TPI www.tp.nst.org.WTCA www.sbc.ndustry.com.general.notes.page.TPI www.tp.nst.org.WTCA www.sbc.ndustry.com.general.notes.page.TPI www.tp.nst.org.TPI www.tp.

CANER

BC LL BC DL

0.0 PSF

10 0 PSF

DRW HCUSR9114 13337091

WHK/WHK

335246

37 0

PSF

FROM SEQN-HC-ENG C TC LL

믿

7.0 PSF

DATE REF

12/03/13

2/04/2013

SPACING DUR.FAC. 101 FD

24.0" 1.25

JREF-

1V1V487\_Z03

Top chord 2x4 SP #1-13B T2
174 2x4 SP 2850f-2 3E
Bot chord 2x6 SP #2-13B B3
B6 2x6 SP M-26
Webs 2x4 SP #3-13B
W2, W6, W7, W8, W14, W15, V T2, В3, В4 IJ 2x6 2x4 SP M-30 SP #1 Dense-13B

₩16, ₩18 2x4 SP #2-13E

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

Calculated horizontal deflection is 0 18" due to live load and 0 due to dead load

Hanger specified assumes connection to supporting minimum of five times the depth of the supporting coverage unsupported end, unless unsupported chord end has g chord is loc g chord from a 85% plating from any

8 = lieu of structural panels use purlins to brace all flat TC @ 24'

Bottom chord checked for 10 00 psf non-concurrent live

WARNING Furnish a Special care must of trusses See "V Furnish a "WARN I NG" copy of this DWG to the installation contractor taken during handling, shipping and installation

> 120 mph wind, 15 00 ft mean hgt, ASCE within 13 00 ft from roof edge, RISK (psf, wind BC DL=5 0 psf GCpi(+/-)=0 1 00 ft mean hgt, A CLOSED bldg, , EXP B, wind not located TC DL=3 5

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

Right end vertical not exposed to wind pressure

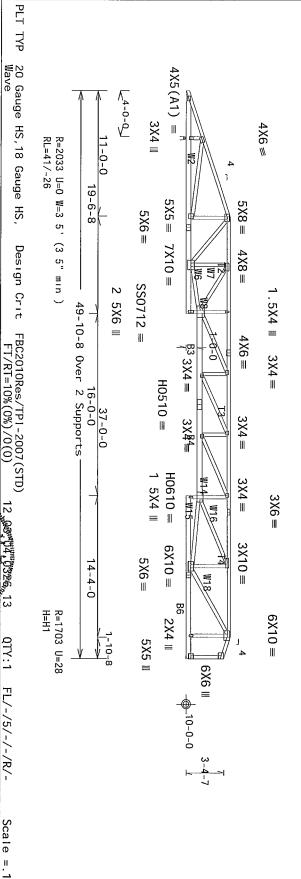
Left cantilever is exposed to wind

H = recommended connection based on manufacturer tested capacities calculations Conditions may exist that require different connection than indicated Refer to manufacturer publication for additional information

These support conditions used at bearings indicated (H1) = HUS26 w/ (2)2x6 SP M-26 supporting member (14) 0 148"x3" nails into supporting member, (4) 0 148"x3" nails into supported member

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

MWFRS loads based on trusses located at least 30 00 7 from roof



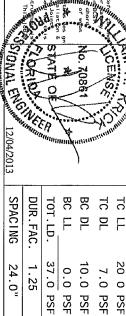
TW Building Components Group Orlando FL, 32837 FL COA #0 278 ALPINE

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

Wave

Trusses require extreme care in fabricating landing at pping installing and broking Bord follow the latest edition of BCSI (Building Component Safety Information by TPI and WTCA) for sample practices prior to performing these functions. Install lers shall provide temporary braining peopless with the properly attached structural shoathing and bottos chord shall have a properly attached rigid coil ing. Locations shown for permanent lateral restrains shall have a properly attached rigid coil ing.

ITW Bu Iding Components Group Inc. (ITWESD) shall not be responsible for any deviation from the shapping of trueses. Apply places in conformance with ARS/TPI 1 or for handing shapping in the base ng of trueses. Apply places have a feet of the shapping of the state of the shapping of th



SEQN-

HC-ENG

WHK/WHK 335264

FROM

JREF-

1V1V487\_Z03

QTY:1

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

0 PSF

REF

Scale = .125"/Ft R9114- 2701

DATE

12/03/13

DRW HCUSR9114 13337071

TC- From 55 plf
TC- From 27 plf
TC- From 20 plf
BC- From 10 plf
BC- From 10 plf
BC- From 10 plf
TC- 162 26 lb Conc
TC- 69 59 lb Conc
TC- 54 05 lb Conc
TC- 54 05 lb Conc
TC- 84 00 lb Conc
TC- 86 33 lb Conc Note PLT T 27 17 43 Top chord 2x4 SP 2850f-2 3E Bot chord 2x6 SP M-26 B5 B6 Webs 2x4 SP #3-13B W5 W W7 2x4 SP M-30 Deflection meets L/240 live and L/180 total load factor for dead load is  $1\ 50$ In lieu of structural panels use purlins OC Lumber grades designated with 1/30/2013 by ALSC Special loads TC- 54 05 1b Conc TC- 84 00 1b Conc TC- 86 3 1b Conc 43 06 45 06 47 06 49 BC- 118 02 1b Conc BC- 50 83 1b Conc BC- 50 83 1b Conc ITW Building Components Group 13-285--Fill Ţ 58 09 1b Conc 38 80 lb Conc Orlando FL, 32837 FL COA #0 278 All Plates Are 3X4 Except As ALPINE 20 Gauge HS, Wave 4X5(A1) 110 27 55 C ur Fac =1 25
5 plf at 0
7 plf at 7
7 plf at 0
9 plf at 7
9 plf at 19
9 plf at 35 L4-0-0 Conc Ξ. nc Load at 29 06 31 06 onc Load at 33 06 nc Load at 35 06 37 06 49 06 4 later Load at 29 06 31 06 Load at 19 06 21 06 Load at 7 03 Load at 9 06,11 06 13 06 Load at 19 06,21 06 7-0-0 Ш R=2550 U=691 W=3 5" <u>~</u> /Anita and Jerry West Resi 1.5X4 Ⅲ / Plate Dur Fac = 0) to 55 plf at 0) to 27 plf at 0) to 27 plf at 100 to 20 plf at 100 to 100 plf at 3 09 at 7 03 cc 9 06 11 06 13 ( 5X10 ≡ 6 2×6 Trusses require extreme care in fabr cat ng handing shipping installing and procing loof of colors the latest edit on of BCSI (Building Component Safety Information by TPI and WTCA) for the practices prior to performing these functions. Installers shall provide temporary bracing possible Unices noted otherwise top chord shall have properly attached structural sheathing and bottog shall have a properly attached rigid color on shown for permanent lateral restrains of whether the properly structured rigid colors. brea ing of trussess. Apply plates to each face of truss and post to as shown bota is unless moted otherwes. Refer to drawing in 60A-2 for its andard plates frowing nor cover page I sting this drawing indicates acceptance of profession responsibility solely for the design shown. The surface but lity and use of this did the responsibility of the Building Designer per ANSI/TPI 1 Sec 2. For more in ITW Building Components Group inc (ITWBCG) shall not be responsible for any deviat on francy failure to build the truss in conformance with ANSI/TPI 1 or for handling shipping is \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET
IMPORTANT\*\* FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS Gauge HS, 13B use design values approved 6 SP ₩13 5X6≡ 9-6-8 Dur Fac =1 2
5 plf at 7
7 plf at 7
9 plf at 7
0 plf at 19
0 plf at 35
1 plf at 49 SS-13B W15 2x4 SP to brace all flat TC @ 24 23 06,25 23 39 5X10 = ITW-BCG 7X8 ≡ 96 90 90 Shown Design 15 06 7 00 7 00 9 88 7 06 7 54 8 88 Ω -1 4 25 06  $\widehat{\omega}$ #2-13B 90 Creep increase 90 90 <u>ن</u> m | | 1.5X4 III SS0919 Crit 1.5X4 III 49-10-8 Lake FBC2010Res/TPI-2007(STD) FT/RT=10%(0%)/0(0) 4X6 ≡ City, 0ver H0510 =끈. N 16-0-0 42-10-8 Supports THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MER (MHG1 49'10"8 Mono Hip Girder )  $SS0514 \equiv 6X8 \equiv$ 1.5X4 Ⅲ Hanger specified assumes connection to supporting chord is located minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating coverage 120 mph wind 15 00 ft mean hgt ASCE 7-10 CLOSED bldg within 13 00 ft from roof edge RISK CAT iI, EXP B wind psf wind BC DL=5 0 psf GCpi(+/-)=0 18 2 COMPLETE TRUSSE

Na:| Schedule 0 131 x 3 , min
Top Chord 1 Row @12 00 o c

Bot Chord 1 Row @12 00 o c

Webs 1 Row @ 4 o c 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 These support conditions used at bearings indicated (H1) = HHUS26-2 w/ (2)2x6 SP M-26 supporting member (14) 0 148"x3 nails into supporting member, (6) 0 148 x3 nails into supported member Right end vertical not exposed to wind pressure Webs 1 Row @ 4 o c Use equal spacing between rows and stagger in each row to avoid splitting Bottom chord checked for 10 00 psf non-concurrent live load Calculated horizontal deflection is 0 24 due to live load and Left cantilever is exposed to wind Wind loads and reactions based on MWFRS H0310 먨 6X6 ≡ 5X6 ROWER . 4-4-0 TRUSSES REQUIRED В6 12/04/2013 R=1242 U=1171 nails QTY:1 3X10 II BC LL BC DL C DUR.FAC. TC LL SPACING TOT.LD. FL/-/5/-/-/R/-무 37.0 PSF 10.0 PSF 1.25 20 0 PSF 24.0" 0.0 PSF 7.0 PSF not located TC DL=3 5 0 FROM SEQN-DATE REF HC-ENG DRW HCUSR9114 13337140 JREF-Scale R9114- 2702 1V1V487\_Z03 =.125"/Ft. Ĭ PHK/PHK 335501 12/03/13

( 13-285--Fill in later /Anita and Jerry West Res: --Lake City FL - MHG2 7' Mono Hip Girder

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

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

Wind loads and reactions based on MWFRS

Left cantilever is exposed to wind

Sub-fascia beam assumptions 4-11-6 sub-fascia cantilever side 4-11-6 sub-fascia beam on the beam on the 2-9-15 2-9-15 cantilever side

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

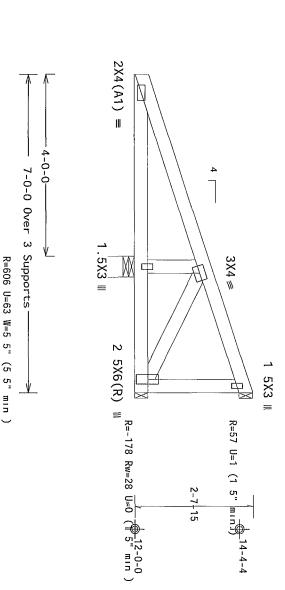
> Negative reaction(s) of -178# MAX case requires uplift connection (See below) from a non-wind load

120 mph wind, 15 00 ft mean hgt, ASCE 7-10, anywhere in roof, RISK CAT II, EXP B, wind DL=5 0 psf GCpr(+/-)=0 18 ), CLOSED bid 1 TC DL=3 5 | ldg, Located
psf, wind BC

Right end vertical not exposed to wind pressure

The following members need concentrated loads at the heel 4 span/setback member on the 2-9-15 cant side requires 44 lbs 4-11-6 span/setback member on the 2-9-15 cant side requires 4-11-6 bs and the es 44 lbs

Hipjack supports 4-11-6 setback jacks with 2-9-15 cantilever one face 2-9-15 cantilever opposite face





\*\* 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=10%(0%)/0(0)

QTY:1

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

20.0 PSF

REF

Scale = 5"/Ft. R9114- 2703

BC DL BC LL

10.0 PSF

37 0 1.25

PSF

SEQN-

335459

FROM

0.0 PSF

HC-ENG WHK/WHK DRW HCUSR9114 13337085 TC DL TC LL

7.0 PSF

DATE

12/03/13

PLT TYP

Wave

Trusses require extreme care in fabricating handling shipping installing and bracing look of tollow the latest edition of BCS1 (Building Component Safety Information by TPI and WTGA) for the proct ces prior to performing these functions. Installors shall provide temporary bracing pages by these noted otherwise top chord shall have properly attached structural sheath ng and bottop charles the properly attached rigd of celling. Locations shown for permanent lateral restrains of the properly attached rigd of celling.

I'W Building Components Group Inc. (ITWBGC) shall not be responsibility for any deviat on fre any failure to build the truss in conformance with ANSI/TPI 1 or for handing shipping in bracing of trusses. Apply places to each race of truss and position as shown above and on the Great is unless noted by places to each race of truss and position as shown above and on the Great is unless noted by the farer to individuals 1804-27 for standard place paid in Great and in the Great and the standard place of the design for any tresponsibility of the design shown The suitability and use of this design for any the responsibility of the Building Designer per ANSI/TPI 1 Sec 2 for more information see general notes page [TM-BGS] waw itabog com TPI waw tpinst org WTCA waw sbrindustry com

TONKER.

2/04/2013

SPACING DUR.FAC TOT.LD.

24.0"

JREF-

1V1V487\_Z03

13-285--Fill in later /Anıta and Jerry West Resi -- Lake City, Ξ T-1 15'11"8 Common

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

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

Left cantilever is exposed to wind

Hanger specified assumes connection to supporting chord is located minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating coverage മ

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 50Creep Increase

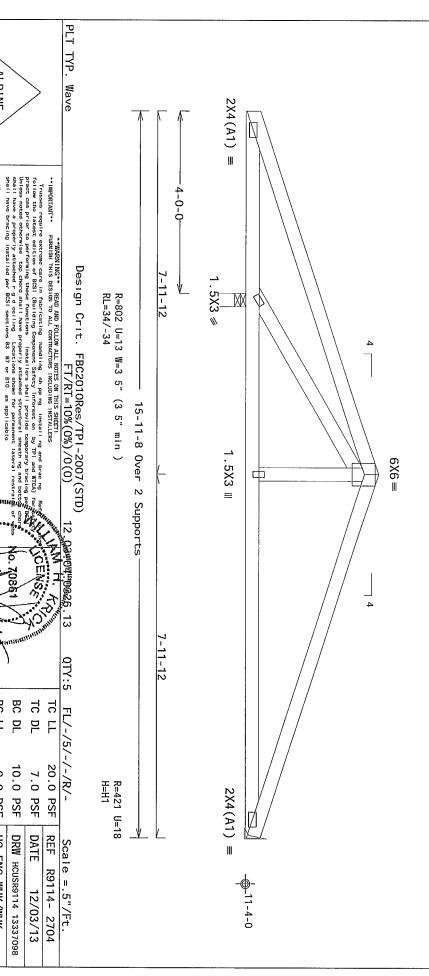
> 120 mph wind, 15 00 within 9 00 ft from wind BC DL=5 0 psf ft mean hgt, ASCE 7-10, roof edge, RISK CAT II, GCp:(+/-)=0 18 CLOSED bldg, EXP B, wind TC DL=3 5 located psf,

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

 $\mathsf{H}=\mathsf{recommended}$  connection based on manufacturer tested capacities and calculations Conditions may exist that require different connections than indicated Refer to manufacturer publication for additional information

These support conditions used at bearings indicated (H1) = LU24 w/ (2)2x6 SP SS-13B supporting member (4) 0 148"x3" nails into supporting member, (2) 0 148"x1 5" nails into supported member

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



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

notes page w iccsafe org

I'W Building Components Group Inc (ITRECE) shall not be responsible for any deviat on free any failure to build the truss in conformance MRIS/TPI 1 or for handling shipping instruction of trusses. Apply places to each feee of truss and position as shown above and on Deta is unless noted otherwise. Refer to drawings 1604-Z for standard place positions. A grawing or cover page litts of this drawing indicates acceptance of professional ang needing responsibility of the design shown. The suitability and use of this design for any stone responsibility of the Building Designer per AMS/TPI 1 Sec 2 for more information see general notes page ITM-ECG www itamosc come IPI www.tpinst.org MTCA www.sbcindustry.com

TONKER.

BC DL TC DL

10.0 PSF

7.0 PSF

DATE

12/03/13

BC LL

0.0 PSF

HC-ENG WHK/WHK DRW HCUSR9114 13337098

TOT.LD.

37.0 1.25

PSF

SEQN-

335016

FROM

1

12/04/2013

SPACING DUR. FAC.

24.0"

JREF-

1V1V487\_Z03

ALPINE

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

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

H= recommended connection based on manufacturer tested capacities and calculations Conditions may exist that require different connections than indicated Refer to manufacturer publication for additional information

These support conditions used at bearings indicated (H1) = LU24 w/ (1)2x4 SP #1-13B supporting member (4) 0 148 x3' nails into supporting member (2) 0 148"x1 5' nails into supported member (H2) = LU24 w/ (2)2x6 SP SS-13B supporting member (4) 0 148 x3' nails into supporting member (2) 0 148"x1 5" nails into supported member

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

> 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 EXP B, wind, TC DL=3 5 ps: psf

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

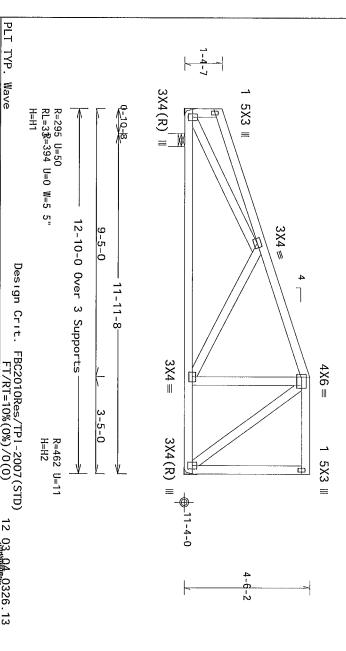
Right end vertical not exposed to wind pressure

Hanger specified assumes connection to supporting minimum of five times the depth of the supporting unsupported end, unless unsupported chord end has coverage chord is located chord from any 85% plating

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

Bottom chord checked for 10 8 psf non-concurrent live

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 I'll Building Components Group Inc. (ITNBCC) shall not be reponsible for any deviation any failure to build the trues in conformance with ABS/TPI 1 or from handing shipping bracing of trueses. Apply places to each face of trues and position as shown above and obesition in the professional place position as shown above and of trueses noted otherwise. Refer to drawings 1604-7 for standard place positions drawing or cover page itsting this drawing indicates acceptance of professional range new respons be itty dor the design shown. The suitability and use of this design for a the respons belity of the building Designer per AMS/TPI 1 Sec. 2 for more information is general notes page ITW-BCG www.itabeg.com. TPI www.tpinsto.org.WTCA www.sbcindustry.com. Trusses require extreme care in fabricating bandling shipping installing and bracing Reg follow the latest edition of BCSI (Building Component Safety Information by TP1 and WTCA) for practices prior to performing these functions. Installers shall provide temporary bracing yellowing the provide temporary bracing yellowing the properly attached structural sheathing and bottom shall have a properly attached rigid celling. Locations shown for permanent lateral restricts shall have a properly attached rigid celling. Locations shown for permanent lateral restricts shall have a properly attached per BCSI sections B3 B7 or B10 as applicable. BC DL BC LL TC DL SPACING DUR.FAC. TOT.LD. 37.0

2/04/2013

1.25

FROM SEQN-

24.0"

JREF-

1V1V487\_Z03

\*\* IMPORTANT\*\*

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

QTY:1

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

Scale = .3125"/Ft R9114- 2705

TC LL

20.0

PSF

10.0 PSF

DRW HCUSR9114 13337099

7.0 PSF

DATE REF

12/03/13

0.0

PSF

HC-ENG WHK/WHK

PSF

335024

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

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

End verticals not exposed to wind pressure

Hanger specified assumes connection to supporting minimum of five times the depth of the supporting unsupported end, unless unsupported chord end has coverage chord is located chord from any 85% plating

In lieu of structural panels use purlins to brace all flat TC @ 0C  $\,$ 24

Bottom chord checked for 10 00 psf non-concurrent lve

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

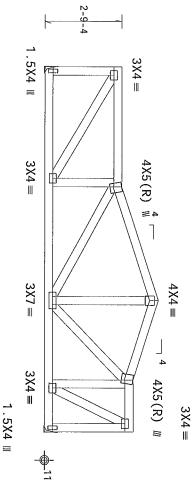
> 120 mph wind, 15 00 within 9 00 ft from wind BC DL=5 0 psf ft mean hgt, ASCE roof edge, RISK C/GCp:(+/-)=0 18 CAT 7-10, AT 11, CLOSED EXP B, bldg, not located
> wind TC DL=3 5 psf,

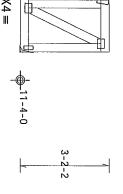
des i gn Wind loads and reactions based on MWFRS with additional C&C member

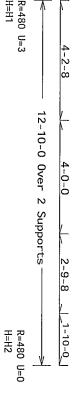
 $H = {\sf recommended}$  connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional ınformatıon

These support conditions used at bearings indicated (H1) = LU24 w/(1)2x4 SP #1-13B supporting member (4) 0 148"x3" nails into supporting member (2) 0 148"x15" nails into supported member (H2) = LU24 w/(2)2x6 SP SS-13B supporting member (4) 0 148"x3" nails into supporting member (2) 0 148"x15' nails into supported member

MWFRS loads based on trusses located at least 15 8 ŧ from roof







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

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

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

12.03.,QA.,0326.

. 3

QTY : 1

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

TC LL

20.0 PSF

REF

Scale = .3125"/Ft. R9114- 2706

7.0 PSF

DATE

12/03/13

PLT TYP.

Wave

Trusses require extreme erre in repriesting handling shipping installers

follow the latest edition of BCSI (Building Component Safety Informat on by TPI and WTCA) (CELVS)

pract cas prior to performing these functions (Safety Informat on by TPI and WTCA) (CELVS)

Unless noted otherwise to performing these functions (Safety Informat on by TPI and WTCA) (CELVS)

shall have a properly attached rig d ce ling Locat one shown for permanent lateral restrictions and some shown on ginestalled per BCSI sections 83 are of B10 as applicable of the property attached to properly attached for properly attached for properly attached for properly attached to properly attached for properly

I'W But it in gomponents droup inc. (INBECL) shall not be respons by for any deviate on Family and the cursus in conformance with MASI/TP1 to rook handling shipping with the conformance with MASI/TP1 to rook handling shipping with the conformance of the conformation of the conformation

TONAL ENERGY CENSO (2/04/2013 BC DL TC DL DUR. FAC SPACING BC LL TOT LD.

> 37.0 1.25

PSF

FROM SEQN- 0.0

PSF

HC-ENG WHK/WHK DRW HCUSR9114 13337086

335034

24.0

JREF- 1V1V487\_Z03

10.0 PSF

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

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

Left cantilever is exposed to wind

(J) Hanger Support Required, by others

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

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

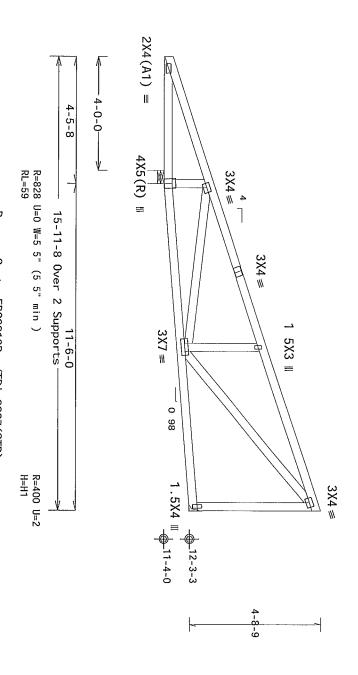
Wind loads and reactions based on NWFRS with additional C&C member design

Right end vertical not exposed to wind pressure

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

Shim all supports to solid bearing

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



PLT TYP ITW Building Components Group Orlando FL, 32837 FL COA #0 278 ALPINE Wave ITW Building Components Group Inc. (ITWBCC) shall not be responsible for any day ation any failure to build the trues in conformance with AWS/IPI 1 or for handing shipping bracing of trueses. Apply places to each face of trues and position as shown above and obca is unless noted otherwise. Refer to drawings 1604-2 for standard plate positions drawing or cover page illsting this drawing indicates acceptance of professional org near responsibility of the dosign shown. The suitability and use of this dosign for a ton responsibility of the Building Designer per AWS/IVIPI 1 Sec 2. For more information is general notes page ITW-BCC www itwheep com TPI www.tpinstorg WTCA www.sbcindustry.c Trusses require extreme care in febricating handling shipping installing and bracing Ru follow the latest edit on of BESI (Bu iding Component Safety information by TP) and WEA). Displactices prior to performing these functions installers shall provide temporary bracing polylogists need otherwise to proof shall have properly attached they attached they state the state of the state \* 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=10%(0%)/0(0) ONAL SIGNAL HIS .04..0326 . 3 [2/04/2013 QTY:2 BC LL BC DL DUR.FAC.  $^{7}$ TC L SPACING TOT.LD. FL/-/5/-/-/R/-믿 24.0" 1.25 37.0 20 0 PSF 10.0 PSF 0.0 7.0 PSF PSF PSF FROM SEQN-DATE REF HC-ENG WHK/WHK DRW HCUSR9114 13337102 JREF - 1V1V487\_Z03 Scale = .3125"/Ft R9114- 2707 335033 12/03/13

Top chord 2x4 SP #1-13B Bot chord 2x4 SP #1-13B Webs 2x4 SP #3-13B PLT TYP  $\ensuremath{\mathsf{MWFRS}}$  loads based on trusses located at least edge Shim all supports to solid bearing Bottom chord checked for 10 00 psf non-concurrent live (J) Hanger Support Required, by others Lumber grades designated with "13B" 1/30/2013 by ALSC Left cantilever is exposed to wind ( 13-285--Fill in later /Anita and Jerry West Resi ITW Building Components Group Orlando FL, 32837 FL COA #0 278 ALPINE Wave 2X4(A1) =ITW Building Components Group inc (ITWBCD) stail not be cosp any failure to build the truss in conformance with MRSI/TPI in bracing of trusses Apply places to each face of truss and positive for the places of the second positive for control products and pr Trusses require extreme care in fabr cating handling shipping installing and bracing Ref follow the latest of tion of BCSI (Building Component Safety) information by IPI and WICA) for practices prior to perform ing these functions. In talliers shall provide temporary bracing per Unices noted otherwise top chord shall have properly attached structural sheathing and bottom unices. shall have a properly attached r g d ce i ng Locat ons shown for permanent shall have brac ng installed per BCSI sect ons B3 B7 or B10 as applicable · IMPORTANT · · 4-0-0-4-5-8 \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS use design values approved Design Crit FBC2010Res/TP1-2007(STD) FT/RT=10%(0%)/0(0) 4X5(R) 15 R=828 U=9 RL=38  $\mathbb{W}$ 3X4 ≤ 8 10-0-0 ft Lake City W=5 5" from (5 5" min ) 4 FL - T-5 15'11'8 Common ) 15-11-8 Over 2 Supports 120 mph wind, 15 00 ft mean hgt, ASCE 7-10, within 9 00 ft from roof edge, RISK CAT II, wind BC DL=5 0 psf GCpi(+/-)=0.18Deflection meets L/240 live and L/180 total load factor for dead load is 1 50  $\,$ In lieu of structural panels use purlins to brace  $\ensuremath{\mathsf{OC}}$ Right end vertical not exposed to wind pressure design Wind loads and reactions based on MWFRS with additional C&C member 4X4 =3X7 ≡ 11-6-0 TO WEEK 2/04/2013 0TY:1 0 98 5-11-8 SPACING BC DL BC LL TC DL DUR.FAC. 10 11 TOT.LD. FL/-/5/-/-/R/-CLOSED EXP B, 37.0 20.0 24.0" 1.25 10.0 PSF 0.0 7.0 PSF HH R=400 <u>ല</u> Creep increase wind, PSF PSF PSF 3X4 ≡ 1.5X4 III flat U=22 , not located TC DL=3 5 psf, 中 SEQN-DATE FROM REF JREF-HC-ENG WHK/WHK DRW HCUSR9114 13337103 Scale =.5"/Ft TC @ R9114- 2708 24 1V1V487\_Z03 <del>\_</del>12-3-3 MM **⊕**\_11-4-0 335038 12/03/13 2-8-12

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

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

Left cantilever is exposed to wind

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

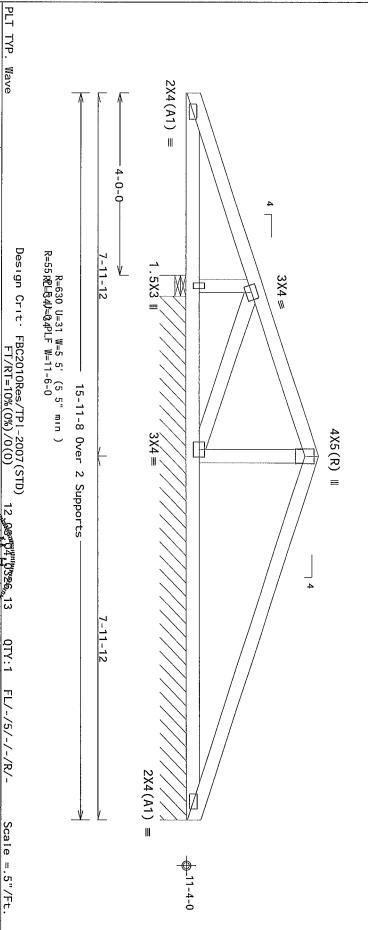
> 120 mph wind, 15 00 within 9 00 ft from wind BC DL=5 0 psf ft mean hgt, ASCE 7-1 roof edge, RISK CAT I GCpi(+/-)=0 18 CLOSED bidg, not locat EXP B, wind TC DL=3 5 psf,

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

Bottom chord checked for 10 00 psf non-concurrent live

design

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



ITW Building Components Group

ALPINE

I'W Building Components Group Inc. (IYWBCG) shall not be respons ble for any deviation from any failure to build the truss in conformance with AMSI/MPI I or for handling shipping in bracing of trusses. Apply plates to each face of truss and position as shown above and on Decails unless noted otherwise. Befor to drawings 180A-Z for standard plate positions. A

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HC-ENG WHK/WHK DRW HCUSR9114 13337100

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PSF

SEQN-

335135

BC DL TC DL

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DATE

12/03/13

TC II

20.0 PSF 7.0

REF R9114- 2709

2/04/2013

SPACING

24.0" 1.25

JREF-

1V1V487\_Z03

DUR. FAC TOT.LD.

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Trusses require extreme care in fabricating handing shiping installing and bracing Rerg follow the latest edition of BCSI (Building Component Safety Information by TPI and WTCA) for practice cas prior to performing these functions. Installers shall provide temporary bracing people bliess noted otherwise top chord shall have properly attached structural sheathing and bottog shall have a properly attached rigid co ling Locations shall have a properly attached rigid co ling Locations shall have a properly attached rigid to slight locations shall have a properly attached rigid to slight locations attached rigid to slight locations attached rigid to slight locations attached

\*IMPORTANT\*\*

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

Orlando FL, 32837 FL COA #0 278

ITW BCG

Top chord Bot chord Webs PLT TYP. Wave MWFRS loads based on trusses located at least  $15\ 00$  edge Shim all supports to solid bearing Bottom chord checked for 10 00 psf non-concurrent live load (J) Hanger Support Required, by others Lumber grades designated with "13B" use design values approved 1/30/2013 by ALSC Left cantilever is exposed to wind ITW Building Components Group Orlando FL, 32837 FL COA #0 278 ALPINE 2X4 (A1) Ш I'W Build in Components Group Inc. (IYMBCG) shall not be responsible for any deviation from any failure to build the truss in conformance with AMS/TPI 1 or for handing any ping in bracing of trusses. Apply plates to each face of truss and position as shown above and not becauls unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. A drawing or cover page listing this drawing or deather page listing this drawing or deather page listing this drawing or deather of the design for any the response bility software the design shown. The suitability and use of this design for any the response bility of the dualiding Designer per AMS/TPI 1 Sec 2. For more information see general notes page 11M-BCG www. tabog com TPI www.tpinstorg WTCA www.sbcindustry.com Trusses require extreme care in fabricating handling ship on ginstalling and bracing Bord follow the latest edition of BCSI (Building Component Safety Information by ITPI and BTCA) for practices prior to performing these functions installers shall provide temporary bracing page in liness noted otherwise top chord shall have properly attached structural sheathing and bottog shall have a properly attached ing do colling Locations shamm for pormanent lateral restrains shall have a properly attached ing do colling Locations shall have a properly attached in the shall have a properly attached and shall have a properly attached in the shall have a properly attached in the shall have a properly attached and shall have a properly attached by the shall \*\* IMPORTANT\*\* 4-0-0-4-5-8 \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS Design Crit R=828 U=0 RL=52  $\mathbb{M}$ 5X6 5X3 ≡ 7 **₩**=5 from FBC2010Res/TP1-2007(STD) FT/RT=10%(0%)/0(0) נה (5 5" min 15-11-8 Over 2 Supports 0 Deflection meets L/240 live and L/180 total load factor for dead load is 1 50  $\,$ In fieu of structural panels use purlins to brace  $0\ensuremath{\text{C}}$ Right end vertical not exposed to wind pressure Wind loads and reactions based on MWFRS with additional C&C member 98 3X4 *≤* REALES ... QTY:1 BC DL BC LL TC DL SPACING TC LL DUR.FAC. TOT.LD FL/-/5/-/-/R/-3X4 ≡ 4X6 =37.0 20.0 24.0" 1.25 10.0 PSF 0.0 7.0 PSF 1-11-8 H=H1 R=400 U=10 Creep increase all flat TC @ PSF PSF PSF 3X4(R) ■ 1.5X3 中 DATE REF FROM JREF-SEQN-HC-ENG WHK/WHK DRW HCUSR9114 13337106 Scale =.5"/Ft. R9114- 2711 24" 1V1V487\_Z03 **⊕**-12-3-3 <del>⊕</del> 11-4-0 335060 12/03/13 4-0-12

2/04/2013

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

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

Left cantilever is exposed to wind

H = recommended connection based on manufacturer tested capacities and calculations Conditions may exist that require different connections than indicated Refer to manufacturer publication for additional information

These support conditions used at bearings indicated (H1) = LU24 w/ (2)2x6 SP #2-13B supporting member (4) 0 148"x3" nails into supporting member, (2) 0 148"x1 5" nails into supported member

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

> 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 EXP B, wind T not located TC DL=3 5 ps psf,

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

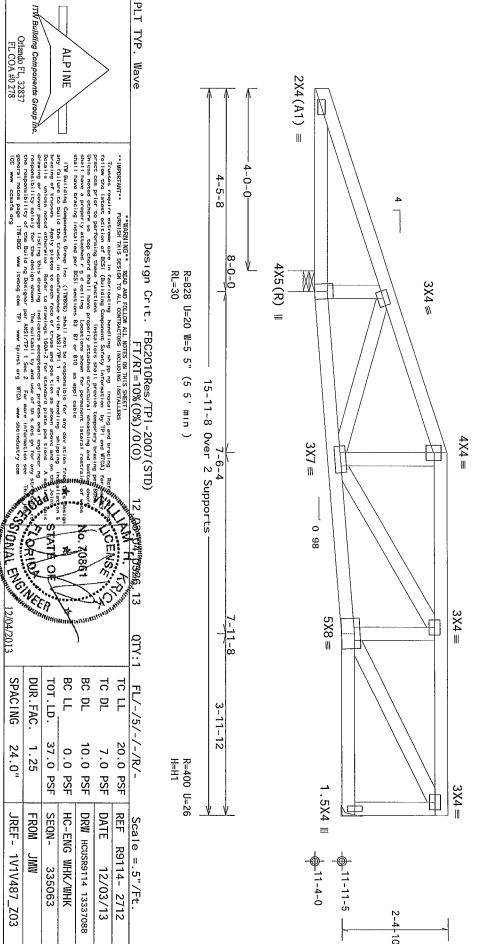
Right end vertical not exposed to wind pressure

Hanger specified assumes connection to supporting minimum of five times the depth of the supporting unsupported end, unless unsupported chord end has coverage 85% plating chord is located chord from any

In lieu of structural panels use purlins to brace all flat TC @ 0C  $\,$ 24"

Bottom chord checked for ರ 8 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

2/04/2013

SPACING DUR.FAC.

24.0" 1.25

1V1V487\_Z03

FROM JREF-

M

13-285--Fill in later /Anita and Jerry West Resi -- Lake City, FL - T-10 12 10" Common )

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

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

H = recommended connection based on manufacturer tested capacities and calculations Conditions may exist that require different connections than indicated Refer to manufacturer publication for additional information

These support conditions used at bearings indicated (H1) = LU24 w/ (1)2x4 SP #1-13B supporting member (4) 0 148"x3 nails into supporting member, (2) 0 148 x15 nails into supported member

(4) 0 146 x3 halls into supporting member (2) 0 148 x1 5 nails into supported member (H2) = LU24 w/ (2)2x6 SP SS-138 supporting member (4) 0 148"x3" nails into supporting member, (2) 0 148 x1 5 nails into supported member

 $\ensuremath{\mathsf{MWFRS}}$  loads based on trusses located at least 15 00 ft from roof edge

4X4 =

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 B, 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 design

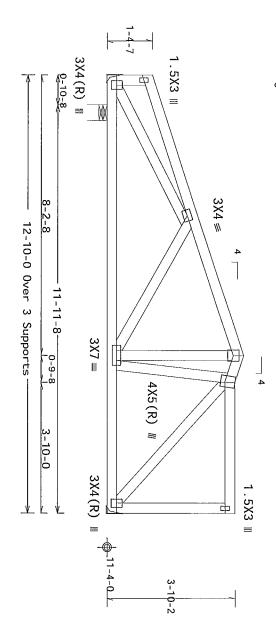
Right end vertical not exposed to wind pressure

Hanger specified assumes connection to supporting chord is located a minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating coverage

In lieu of structural panels use purlins to brace all flat TC @ 24"  $\,$  0C  $\,$ 

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

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



R=334 U=24 RL=29R=305 U=0 W=5 5' H=H1

PLT TYP

Wave

FBC2010Res/TPI-2007(STD)

QTY : 1

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Scale = .375"/Ft. REF R9114- 2713

BC LT

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335075

TOT.LD

TC DL

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DATE

12/03/13

TC LL

20.0 PSF

R=466 U=9 H=H2

ALPINE
ALPINE

TW Building Components Group Inc.
Orlando FL, 32837
FL COA #0 278

FT/RT=10%(0%)/0(0)\*\*Warning\*\* read and follow all notes on this sheeti
furnish this design to all contractors incliding installers

Design Crit:

Trusses roquire extreme care in fabricating handling shipping installing and bracing Recommendation of BCS (Building Component Sareky Information by IPI) and WICA) for season prest case prior to performing these functions. Installers shall provide temporary bracing pegastrome inheres noted otherwise top chord shall have properly attached structural sheathing and better chord shall have a properly attached or give ceiling locations shall have bracenty attached the descriptions of the shall have a properly attached or give ceiling locations shall have a properly attached or give ceiling locations shall have bracenty and the shall have bracenty attached to the shall have bracenty attached the shall have bracenty attache

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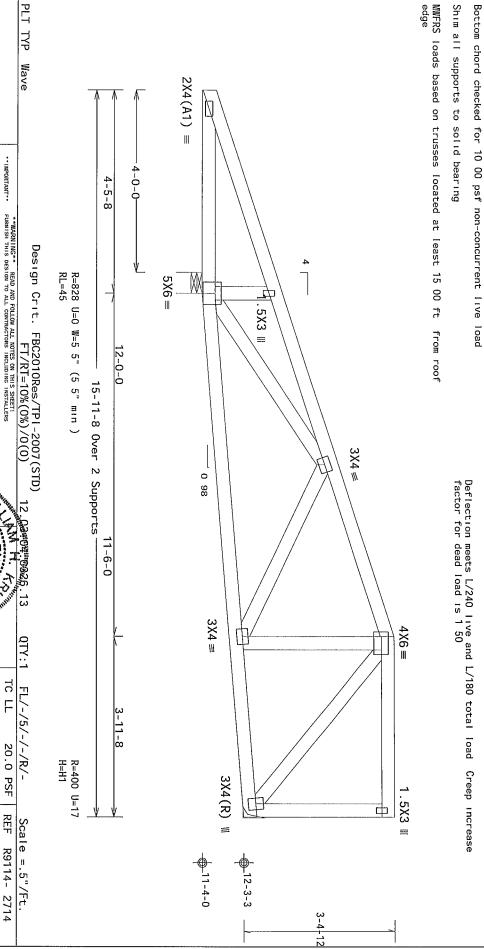
Lumber grades designated with "13B" use design values approved  $1/30/2013\ \mbox{by ALSC}$ Top chord 2x4 SP #1-13B Bot chord 2x4 SP #1-13B Webs 2x4 SP #3-13B 13-285--Fill in later /Anita and Jerry West Res: -- Lake City, FL - T-11 15'11"8 120 mph wind, 15 00 within 9 00 ft from wind BC DL=5 0 psf ft mean hgt, ASCE 7-10, roof edge, RISK CAT II, GCpi(+/-)=0 18 CLOSED bidg, not loc EXP B, wind TC DL=3 Ŋ psf,

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

Right end vertical not exposed to wind pressure

In lieu of structural panels use purlins to brace all flat TC @  $0\ensuremath{\text{C}}$ 

(J) Hanger Support Required, by others Left cantilever is exposed to wind



ITW Building Components Group

I'll Building Components Group Inc. (1186C) shall not be responsible for any deviation from any failure to be lid the trues in conformance with MBI/TPI 1 or for handling any page and page to truesses. Apply places to each face of trues and post to mas shown above and made both as a face of trues and post to mas face to both as a face to both as face of trues and post to mas face to both as face and post to make the both as face and post to make the both as face and post face and post to make the both as face and post face and post face and face ingline for the design for any the responsibility of the design for any the responsibility of the design for any the responsibility of the design for any

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12/03/13

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SPACING DUR. FAC.

24.0" 1.25

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Trusses require extreme care in fabr cating handling shipping intestalling and bracing lock of follow the latest edition of BCSI (Building Component Safety Information by TPI and WICA) for the practices prior to performing these functions. Installers shall provide temporary bracing possible fullcass noted otherwise top chord shall have properly attached structural shaathing and bottog chord shall have a properly statuched rigid on a long Locations shawn for permanent lateral restraint of the shall have a properly statuched rigid on the shall have a properly statuched by the shall have a proper

ALPINE

Orlando FL, 32837 FL COA #0 278

ITW BCG

MFR.

( 13-285--Fill in later /Anita and Jerry West Resi -- Lake City, FL - T-12 15'11"8 Common )

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

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

Left cantilever is exposed to wind

H = recommended connection based on manufacturer tested capacities and calculations Conditions may exist that require different connections than indicated Refer to manufacturer publication for additional information and

These support conditions used at bearings indicated (H1) = LU24 w/ (2)2x6 SP #2-13B supporting member (4) 0 148"x3" nails into supporting member, (2) 0 148"x1 5" nails into supported member

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

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

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

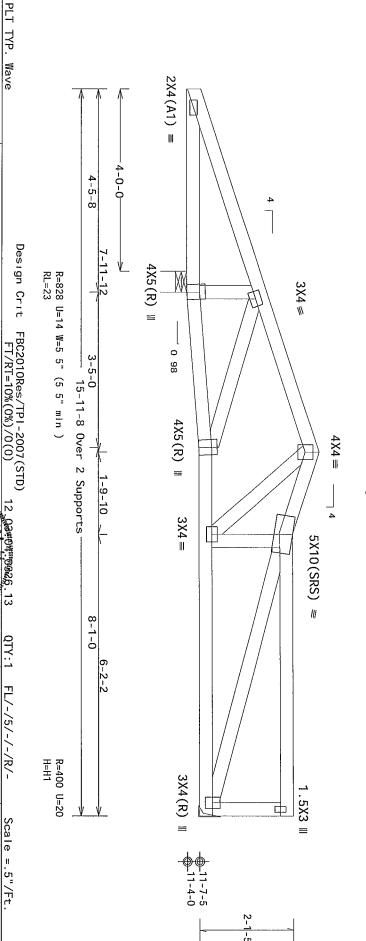
Right end vertical not exposed to wind pressure

Hanger specified assumes connection to supporting chord is located minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating coverage

In lieu of structural panels use purlins to brace all flat TC @  $0\mathrm{C}$ 24"

Bottom chord checked for 10 8 psf non-concurrent live

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



ITW Building Components Group

ITW Building Components Group Inc. (ITWECD) shall not be responsible for any deviate on frequential under the build the trust in conformance with ANSI/TPI 1 or for handling, shipping in bracing of trustees. Apply places to each face of trusts and positions as shown shown to Detail unless neced opportunists. Refer to drawings 180A-2 force standard place positions of drawings or cover page 1 at night from fig. 1nd causes acceptance of professional engineering responsibility solely for the design shown. The aurubaility and use of this destign for any the responsibility of the design shown. The aurubaility and use of this destign for any the responsibility of the design shown.

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Trusses require extreme care in fabr cating handling shipping installing and breeing Rock (1) for the latest edition of BCSI (Boulding Component Seriesy Information by IPI and WTCA) for the presence of the latest shipping the second of the latest shipping the second of the latest shipping the second of the latest shipping the shipping the second of the latest shipping the shippin

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

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12/03/13 2715

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ALPINE

Orlando FL, 32837 FL COA #0 278

( 13-285--Fill in later /Anıta and Jerry West Resi -- Lake City, FL -T-13 53'2' Common )

Top chord 2x4 SP #1-13B Bot chord 2x6 SP #2-13B Webs 2x4 SP #3-13B Lt Slider 2x4 SP #3-13B BLOCK LENGTH H 4

588

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

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

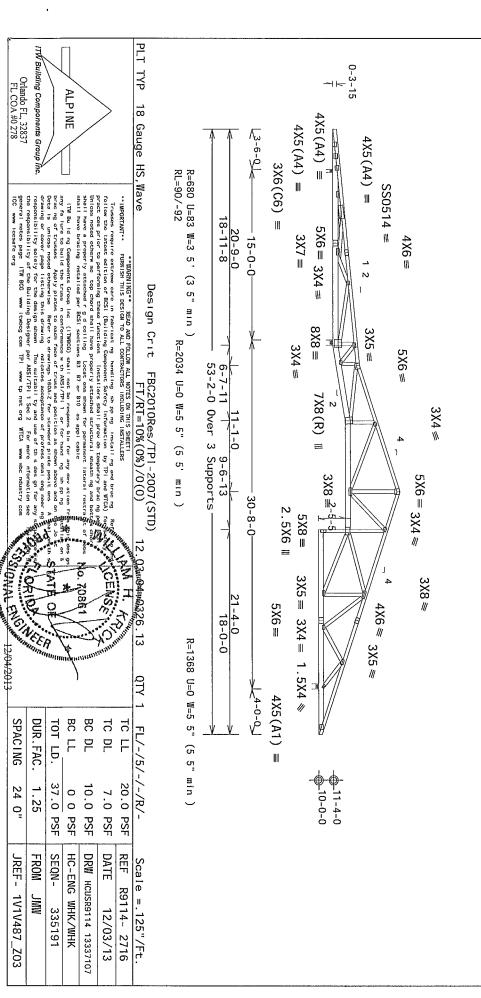
> 120 mph wind, 15 00 ft mean hgt, ASCE 7-10, within 13 00 ft from roof edge, RISK CAT II, psf, wind BC DL=5 0 psf GCpi(+/-)=0 18 CLOSED I , wind not located TC DL=3 5

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

Left and right cantilevers are exposed to wind

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

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



Top chord 2x4 SP #1-13B Bot chord 2x6 SP #2-13B Webs 2x4 SP #3-13B Lt Silder 2x4 SP #3-13B BLOCK LENGTH = 4 588'

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

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

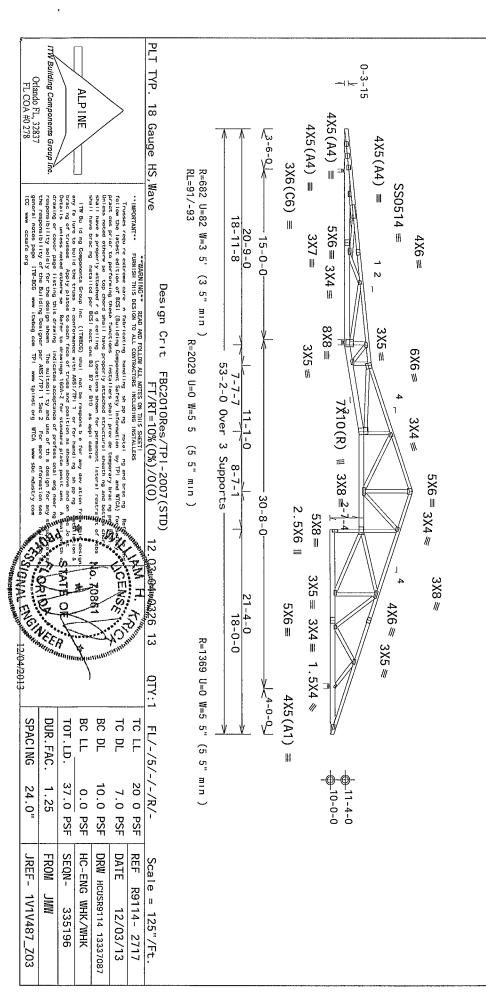
120 mph wind, 15 00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 13 00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3 5 psf, wind BC DL=5 0 psf GCpi(+/-)=0 18

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

Left and right cantilevers are exposed to wind

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

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



Top chord 2x4 SP #1-13B Bot chord 2x6 SP #2-13B Webs 2x4 SP #3-13B Lt Slider 2x4 SP #3-13B BLOCK LENGTH = 4 588

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

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

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

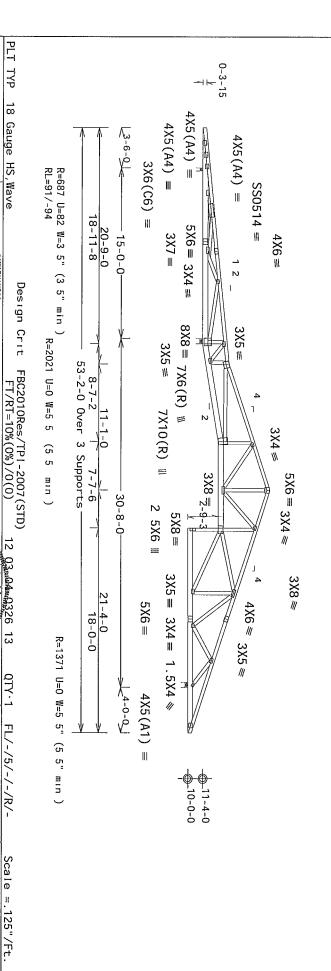
120 mph wind, 15 00 ft mean hgt, ASCE 7-10, CLOSED bidg, not located within 13 00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3 5 psf, wind BC DL=5 0 psf GCpi(+/-)=0 18

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

Left and right cantilevers are exposed to wind

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

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





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SPACING

1.25 24.0"

JREF-

1V1V487\_Z03

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REF R9114- 2718

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DATE

12/03/13

\*\* IMPORTANT\*\*

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

[ 13-285--Fill in later /Anıta and Jerry West Resi -- Lake City, FL - T-16 42'2"8 Common

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

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

 ${\rm H}={\rm recommended}$  connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information

These support conditions used at bearings indicated (H1) = HUS26 w/ (2)2x6 SP M-26 supporting member (14) 0 148"x3 nails into supporting member, (4) 0 148"x3' nails into supported member

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

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

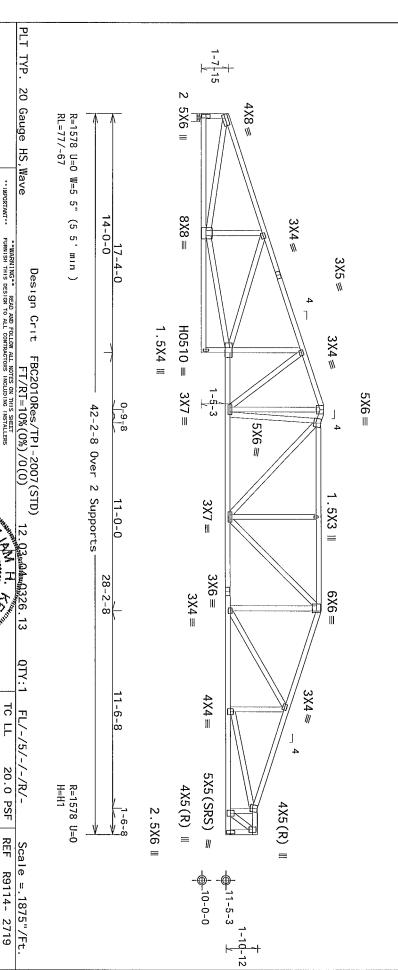
Wind loads and reactions based on MWFRS with additional C&C member design

Hanger specified assumes connection to supporting chord is located a minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating coverage

In lieu of structural panels use purlins to brace all flat TC @  $0\ensuremath{\text{C}}$ 24"

Bottom chord checked for 10 8 psf non-concurrent live

MWFRS loads based on trusses located at least 30 00 ft from roof



ITW Building Components Group

Dectal is unless noted otherwise. Refer to drawing or cover page listing this drawing responsibility solely for the design shown the responsibility of the Building Designer general notes page. ITW-BGG www.itwbcg.com

indicates acceptance of planting in the suitability and use a reper ANSI/TPI 1 Sec 2 Four TPI www.tp.nst.org WTG.

CHONAL ENGINEERING

BC LL BC DL TC DL TC LL

0.0

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DRW HCUSR9114 13337110

HC-ENG WHK/WHK

20.0

PSF

REF R9114-

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DATE

12/03/13 2719

37.0

PSF PSF

SEQN-FROM

335066

12/04/2013

SPACING DUR.FAC. TOT.LD.

24.0" 1.25

JREF-

1V1V487\_Z03

ALPINE

Trusses require extreme care in fabr cat my banding shipping installing and bracing Recy follow the latest edition of BCSI (Building Capponent Safety Informat on by TPI and WTCA) for practices prior to performing these functions. Installers shall provide temporary bracing por the liness nated otherwise top chord shall have properly attached structural sheathing and bottom shall have a properly attached rigid colling. Locations shown for permanent lateral restraction shall have a properly attached rigid colling.

\*IMPORTANT\*\*

I'W Building Components Group inc (ITWECE) shall not be responsible for any deviation for the primary failure to build the truss in conformance with ANSI/TPI 1 or for handing shipping issued brace ng of trussers Apply plators to each face of truss and position as shown above and on the About Details unless noted otherwise Refer to drawings 1604-Z for standard plate positions. A About Details unless noted otherwise Refer to drawings 1604-Z for standard plate positions.

Orlando FL, 32837 FL COA #0 278

( 13-285--Fill in later /Anıta and Jerry West Res: -- Lake City, 끋 T-17 42'2"8

t chord 2x4 t chord 2x4 Webs 2x4 1 SP #1-13B 1 SP #1-13B 1 SP #3-13B

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

 $\mathsf{H}=\mathsf{recommended}$  connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information

Hanger specified assumes connection to supporting chord is located minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating coverage

In Treu of structural panels use purlins to brace all flat TC @ 24"

 $\ensuremath{\mathsf{MWFRS}}$  loads based on trusses located at least edge 30 00 £ from roof

> Negative reaction(s) of -282# Micase requires uplift connection of -282# MAX (See below) from a non-wind load

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

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

Right end vertical not exposed to wind pressure

These support conditions used at bearings indic: (H1) = LU24 w/ (2)2x6 SP M-26 supporting member (4) SD9112, 0 131"x1 5" into supporting mem (2) SD9112, 0 131"x1 5" into supported member (2) SD9112, 0 131"x1 5" into supported members. into supporting member

into supported member

70

8

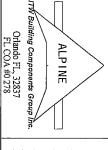
psf

non-concurrent live

Bottom chord checked for

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

5X6 3X4 ⊭ R=934 U=0 W=5 RL=78/-64 σį 5 4X8≡ 3X4 ≤ 14-0-0 Δį 3X5 ≤ 17-4-0 4 .5X4 Ⅲ 5X6 =3X4 ≤ 30-2-8 1 - 10 - 63X7 = 5X6≡ 42-2-8 Over 3 Supports 2-9-8 2.5X6 5X6 3 - 0 - 2Ш Ш 5X5 ≡ .5X6 ≡ 3-2-6 N 2.5X6 = 6X6 ≡ 5X6≡ 3X4 ≡ R=2303 U=0 W=5 7-6-8 12-0-0 4 3X4 ⊭ ت 12-0-0 6 5 5X5 ≡ 3X7 ≡ R=181/-283 U=74 3-6-8 2.5X6 3X4 ≡ = ⊕10-0-0 <del>\_</del>11-4-0



· 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=10%(0%)/0(0)

QTY:1

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

Scale = .1875"/Ft

R9114- 2720

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Wave

Trusses require extreme care in fabricating banding at pping installing and bracking Bord follow the latest edition of BCSI (Building Component Safety Information by TPI and WTCA) for the protections prior to performing these functions. Install large shall provide temporary bracking page 500 of billiness noted otherwise top chord shall have properly attended structural sheathing and bottog chord shall have a properly attended rigid certified Locations shown for permanent lateral restraints that have a properly attended rigid certified to the shall have a properly attended rigid certified to the shall have a properly attended rigid certified to the shall have a properly attended rigid certified to the shall have a properly attended rigid certified to the shall have a properly attended to the shall have a properly attended rigid certified to the shall have a properly attended to the shall have a

ITW Building Components Group Inc (ITWBCG) shall not be responsible for any deviation free any failure to build the truss in conformance with AMSI/TPI 1 or for handing shipping in bracing of trusses. Apply places to each foce of truss and position as shown above and on Deca 1s unless noted otherwise. Refer to drawings 160A-Z for examedrate place positions. A drawing or cover page ilsting this drawing indicates acceptance of professional ong needing responsibility of the Building Designer por AMSI/TPI 1 Sec 2 for more information seemers in notes page. ITW-BCG www.itwbcg.com TPI www.tp.nst.org WTCA www.sbcindustry.com

CINED

BC LL BC DL

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HC-ENG WHK/WHK DRW HCUSR9114 13337084

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DATE REF

12/03/13

12/04/2013

SPACING

DUR. FAC. TOT.LD.

1.25 24.0"

FROM JREF-

1V1V487\_Z03

37.0

PSF

SEQN-

335042

( 13-285--Fill in later /Anıta and Jerry West Resi Lake City,

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

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

Left cantilever is exposed to wind

 $\mathsf{H}=\mathsf{recommended}$  connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information

These support conditions used at bearings indicated (H1) = LU24  $\rm w/$  (2)2x6 SP M-26 supporting member (4) SD9112, 0 131'x1 5" into supporting member, (2) SD9112, 0 131"x1 5" into supported 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 -269# MAX case requires uplift connection (See below) from മ non-wind load

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

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

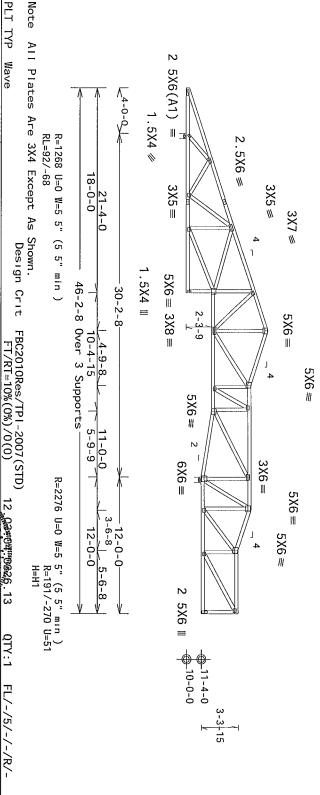
Right end vertical not exposed to wind pressure

Hanger specified assumes connection to supporting chord is located minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating coverage

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

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

MWFRS loads based on trusses located at least 30 8 ţ from



ITW Building Components Group

I'll Building Components Group Inc. (ITBECG) shall not be responsible for any deviation from any failure to build the truss in conformance MRSI/TPI 1 or for handling shipping in bracing of trussess. Apply plates to each face of truss and position as shown above and on the face in the second otherwise. Refer to drawings 160A-Z for standard plate positions. A reference of the second plate page in the second plate second in the second plate page in the second plate plat

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12/04/2013

SPACING DUR.FAC. TOT.LD.

24.0"

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1V1V487\_Z03

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Trusses require extreme care in fabr enting bandling shipping installing and bracing Reg follow the latest edition of 8631 (Building Component Safety Information by TPI and WTCA) for the practices prior to perform up these functions. Installers shall provide temporary bracing page 144 (Inless noted otherwise top chord shall have properly attended structural sheathing and bottog chord shall have a properly attended rigid cealing. Locations shown for permanent lateral restraint of whose shall have a properly attended rigid cealing.

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335087

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DATE REF

12/03/13

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QTY : 1

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Scale = .125"/Ft. R9114-

ALPINE

Orlando FL, 32837 FL COA #0 278

ΤYP

Wave

\*\* IMPORTANT \*\*

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

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

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

Left cantilever is exposed to wind

 $\mathsf{H}=\mathsf{recommended}$  connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information

These support conditions used at bearings indicated (H1) = LU24 w/ (2)2x6 SP M-26 supporting member (4) 0 148'x3" nails into supporting member, (2) 0 148"x1 5" nails into supported member

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

MWFRS loads based on trusses located at least 30 00 ft from roof

> 120 mph wind, 15 00 ft mean hgt, ASCE 7-10, within 13 00 ft from roof edge, RISK CAT ii psf, wind BC DL=5 0 psf GCpi(+/-)=0 18 15 00 ft CLOSED 1 bldg, wind not located TC DL=3 5

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

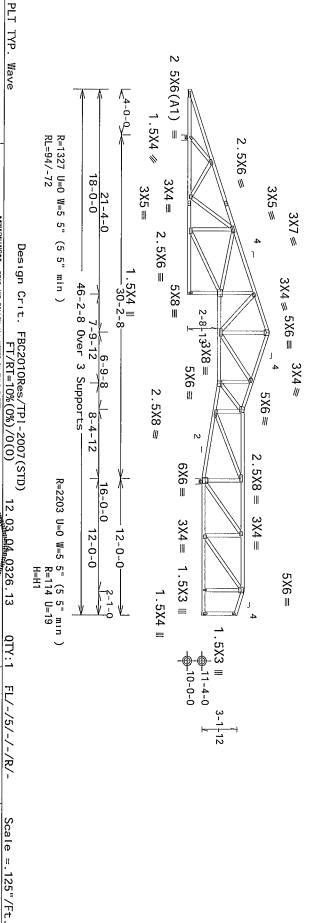
Right end vertical not exposed to wind pressure

Hanger specified assumes connection to supporting minimum of five times the depth of the supporting unsupported end, unless unsupported chord end has coverage chord from a 85% plating chord d is located d from any

In lieu of structural panels use purlins to brace all flat TC @  $0\ensuremath{\text{C}}$ 24"

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

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



ITW Building Components Group

I'W Building Components Group Inc (ITWBCG) shall not be responsible for any deviation any failure to be the present of conformance we that ASI/TPI least room handing shipping the braing of treasest Api present to the present of the present and present above and one board and the present and pr

TONAL ENERGY

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TC LL

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REF

R9114- 2722

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DATE

12/03/13

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Trusses require extreme care in fabricating handing shipping installing and bracing feature the intest edition of BCSI (Building Component Safety Information by TPI and NTCA) for practices prior to performing these functions. Installiers shall provide temporary bracing publications to be shall have properly attended structural shoathing and borgom shall have a properly attended rigid certified. Leastings shown for permanent lateral restrictions shown that have a properly attended rigid certified to the shall have a properly attended rigid certified.

· IMPORTANT

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

ALP I NE

Orlando FL, 32837 FL COA #0 278

(13-285--Fill in later /Anıta and Jerry West Resi -- Lake Cıty, FL - T-20 28'4"6 Common

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

BLOCK LENGTH = 5 809

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

Left cantilever is exposed to wind

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

Shim all supports to solid bearing

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

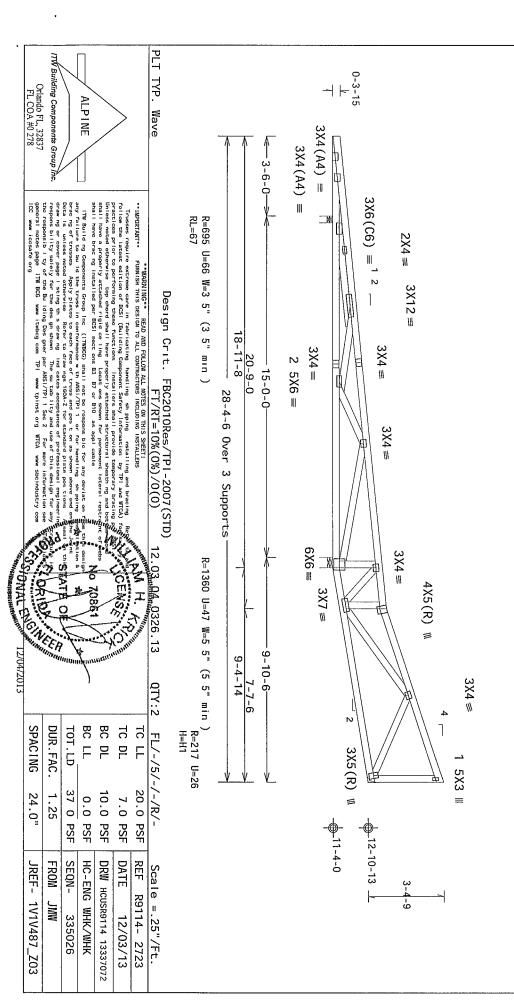
> 120 mph wind, 15 00 within 9 00 ft from wind BC DL=5 0 psf ft mean hgt, ASCE 7-roof edge, RISK CAT GCp:(+/-)=0 18 CLOSED EXP B, wind TC DL=3 5 ps psf,

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

Right end vertical not exposed to wind pressure

(J) Hanger Support Required, by others

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



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

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

(J) Hanger Support Required, by others

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 30 00 ft edge  $\,$ from roof

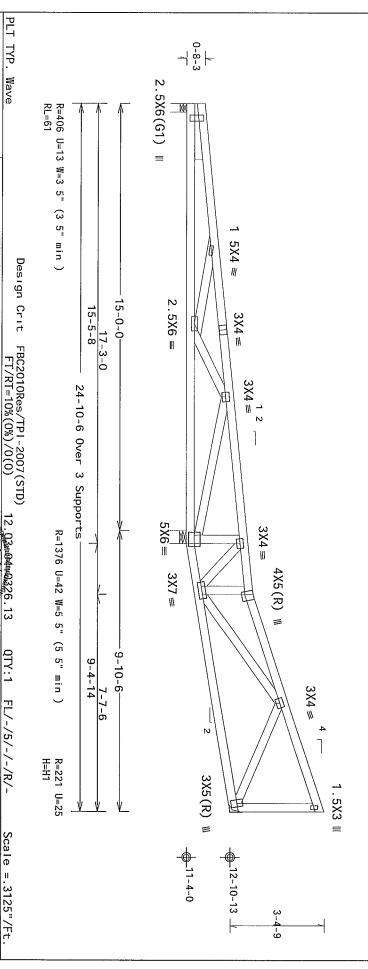
> 120 mph wind, 15 00 within 9 00 ft from wind BC DL=5 0 psf ft mean hgt, ASCE 7-roof edge, RISK CAT GCp:(+/-)=0 18 CLOSED bidg, not located EXP B, wind TC DL=3 5 psi psf,

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

Right end vertical not exposed to wind pressure

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

Shim all supports to solid bearing





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

TC LL

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R9114- 2724

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PSF PSF

DATE REF

12/03/13

Trusses roqu to extreme care in fabr cat m leading shipping resulting and bracing Ref. follow the latest edition of RS1 (Ru. lding Component Safety Information by IP1 and WICA) for partices prior to performing these functions printed left shall provide temperary bracing by liness moted otherwise cap phone shall have peoperly attached situations shall have a poperly attached region of the peoper shall be posselved in the peoper shall be provided the peoper shall be provided the peoper shall be provided to the peoper shall be provided to the peoper shall be provided to the peoper shall be people shall shall have a property attached rig shall have bracing installed per B

ITW Building Components Group Inc (ITWECG) shall not be responsible for any deviation from any failure to build the truss in conformance with ANSI/TPI 1 or for handling shipping three or gof trusses. Apply places to each face of truss and position as shown above and on Dotails unless noted otherwise. Refer to drawings 1604-Z for standard plate positions. A standard plate position of A Details unless noted otherw se Refer drawing or cover page listing this draw responsibility solely for the design shu the responsibility of the Building Design

CALER ... 12/04/2013 BC DL BC LL TC DL SPACING DUR.FAC. TOT LD.

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SEQN-FROM

335052

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HC-ENG WHK/WHK DRW HCUSR9114 13337119

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24.0"

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1V1V487\_Z03

CLOSED bldg, not located EXP B, wind TC DL=3 5 ps

psf,

Lumber grades designated with "13B" use design values approved  $1/30/2013\ \mbox{by ALSC}$ t chord 2x4 t chord 2x4 Webs 2x4 888 #1-13B #1-13B #3-13B 120 mph wind, 15 23 within 9 00 ft from wind BC DL=5 0 psf ft mean hgt, ASCE 7-1 roof edge, RISK CAT I GCp:(+/-)=0 18

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

- (J) Hanger Support Required,(J) Hanger Support Required, Şģ others others

Bottom chord checked for 10 00 psf non-concurrent live

Shim all supports to solid bearing

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

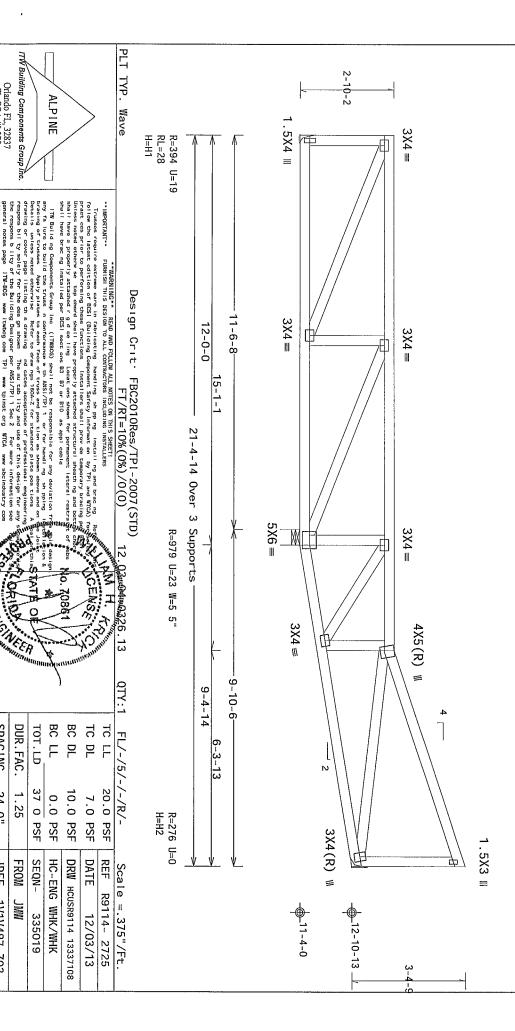
Creep increase

TC @ 24

In lieu of structural panels use purlins to brace all flat  $0\ensuremath{\mathrm{C}}$ 

End verticals not exposed to wind pressure

MWFRS loads based on trusses located at least 8 46 ŧ from roof



Orlando FL, 32837 FL COA #0 278

THE

12/04/2013

SPACING

24.0"

JREF-

1V1V487\_Z03

Top chord 2x4 SP # Bot chord 2x4 SP # Webs 2x4 SP # In lieu of structural panels use purlins to  $\ensuremath{\mathsf{OC}}$ Lumber grades designated with 1/30/2013 by ALSC PLT TYP Deflection meets L/240 live and L/180 total load factor for dead load is 1 50  $\,$ End verticals not exposed to wind pressure ( 13-285--Fill in later /Anita and Jerry West Resi --ITM Building Components Group Orlando FL, 32837 FL COA #0 278 ALPINE Wave 3X4 ≡ 5X4 Ⅲ H=H1 RL=36 R=388 U=17 #1-13B #1-13B #3-13B ITW But id ng Components Group inc (ITWBGC) shall not be responsible for the state of trusts in conformance with ANSI/TPI 1 of the any of trustees. Apply plates to each race of trusts and posterial states and conformance of trusts and posterial states and conformance of the states and posterial states are conformance of the states are conformance of the states of Trusses require extreme care in fabricating handling shipping intelling and bracing Reg follow the latest edition of BCSI (Building Component Safety Information by TPI and WTCA) for practices prior to performing these functions. Installers shall provide temporary bracing per linkes moted otherwise top chord shall have properly attended the three properly attended to determing Local braces shown for permanent lateral restrains that have a properly attended or gide clining. Local braces shown for permanent lateral restrains that have a properly attended rig disclining. Local braces shown for permanent lateral restrains that have a properly attended rig disclining. Local braces shown the safety and braces are shown to be shown that the safety and the safety shown that the safety shown that safety shown the safety shown the safety shown the safety shown the safety shown that safety shown the safety shad the safety shown the safety shown the safety shown the safety \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET! '13B" use design values approved Design Crit brace all 1.5X3 Ⅲ 11-5-7 11-6-8 3X7 ≡ 12-0-0 Creep increase flat Lake City, FBC2010Res/TPI-2007(STD) FT/RT=10%(0%)/0(0) ನ **®** 끈 21-4-14 Over - T-23 4X5(R) 21 4 14 Common ) 3 Supports 4X5(R) ■ 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 MWFRS loads based on trusses located at Shim all supports to solid bearing Bottom chord checked for 10 00 psf non-concurrent live (J) Hanger Support Required,(J) Hanger Support Required, design R=946 U=13 W=5 5" 2 5X10(SRS) = HONAL ENGLISHMEN 3X4 ≡ . ... ft mean hgt, ASCE 7-10, roof edge, RISK CAT II, GCp:(+/-)=0 18 QTY:1 9-10-6 by others by others 9-4-14 3X4 *≤* BC LL BC DL TC DL TC LL SPACING DUR.FAC. TOT.LD. FL/-/5/-/-/R/ieast N CLOSED EXP B, 37.0 30 1.25 10.0 PSF 20.0 PSF 24.0" 0.0 7.0 PSF 8 H=H2 R=300 U=0 wind, PSF PSF ft 3X4(R) ₩ 1.5X3 load , not located TC DL=3 5 ps from roof SEQN-DATE REF FROM HC-ENG WHK/WHK JREF-DRW HCUSR9114 13337111 Scale = .375"/Ft. R9114- 2726 1V1V487\_Z03 <del>ф</del>-12-10-13 335072 12/03/13

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

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

(J) Hanger Support Required, by others

(a) Continuous lateral restraint equally spaced on

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

Shim all supports to solid bearing

MWFRS loads based on trusses located at least  $30\ 00$  edge 7 from roof

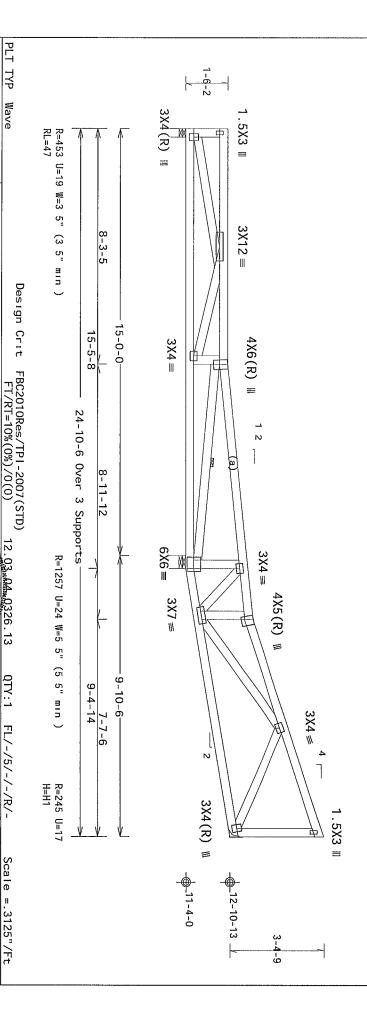
> 120 mph wind, 15 00 within 9 00 ft from wind BC DL=5 0 psf ft mean hgt, ASCE 7-1 roof edge, RISK CAT I GCpi(+/-)=0 18 CLOSED bldg, not loc EXP B, wind TC DL=3 psf,

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

Right end vertical not exposed to wind pressure

In lieu of structural panels use purlins to brace all flat TC @ 0C  $\,$ 

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



ITW Building Components Group

I'W Building Components Group Inc. (ITWBCD) shall not be respons ble for any deviation f any failure to build the truss in conformance with AMSI/TPI 1 or for handling shipping brac og of trusses. Apply places to each foce of truss and position as shown above and on Details unless noted otherwise. Refer to drawings 160A-Z for standard plate positions drawing or cover page listing this drawing indicates acceptance of professional angineering property of the design shown. The suitability and use of this design for an

AND THE PROPERTY OF THE PROPER

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REF R9114- 2727

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DATE

12/03/13

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SEQN-

335048

1.25

FROM

2/04/2013

SPACING DUR.FAC. TOT.LD.

24.0"

JREF-

1V1V487\_Z03

Trusses require extreme care in fabricating handling shipping installing and bracing folion the latest edition of BCSI (Building Component Safety Information by TPI and WTCA) to practices prior to performing these functions. Installars shall provide temporary bracing by this moted etherwise top chord shall have properly attached structural sheathing and bottom shall have a properly attached rigid conting. Locations shown for permanent lateral restraints have a properly attached rigid conting.

· IMPORTANT · ·

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

ALPINE

Orlando FL, 32837 FL COA #0 278

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

Top chord 2x4 SP #1-13B T2 2x4 SP 2850f-2 3E Bot chord 2x4 SP 2850f-2 3E B2 2x4 SP #1-13B Webs 2x4 SP #3-13B

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

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

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

(J) Hanger Support Required, by others

Right end vertical not exposed to wind pressure

In lieu of structural panels use purlins to brace  $\ensuremath{\mathsf{OC}}$ 

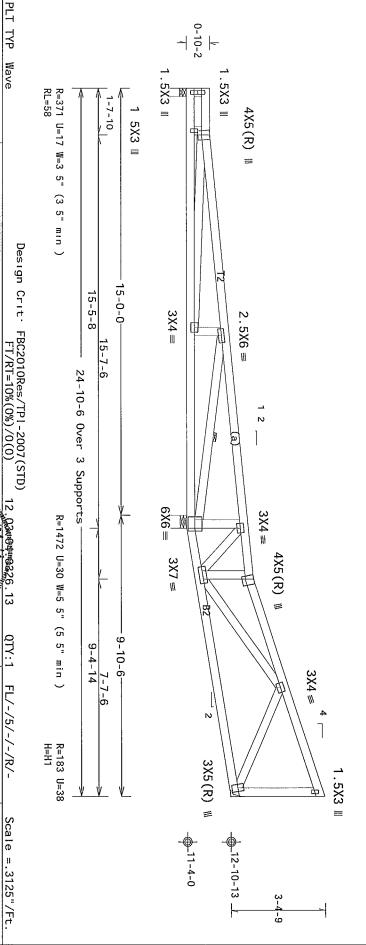
all flat TC @ 24"

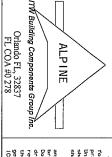
(a) Continuous lateral restraint equally spaced on member Bottom chord checked for 10 00 psf non-concurrent live load

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

Shim all supports to solid bearing

MWFRS loads based on trusses located at least 30 00 ft  $\,$  from roof edge  $\,$ 





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

Trasses require extreme care in fabricating handling shipping installing and bracing Recompanies of the latest edition of BCSI (Building Component Safety Informat on by TPI and WTCA) for practices prior to performing these functions. Installiers shall provide temporary bracing by the liness noted otherwise to perform that have properly attained structural sheathing and bottle door shall have a properly attained for BCSI sections 83 87 or 810 as applicable.

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12/03/13

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REF R9114- 2728

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I'll Building Components Group inc (ITMBCC) shall not be responsible for any dev attlen from the property of the Building Components of the property of the state of the property of the state

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DRW HCUSR9114 13337118 HC-ENG WHK/WHK

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24.0"

FROM
JREF-

1V1V487\_Z03

13-285--Fill in later /Anita and Jerry West Resi -- Lake City, 7 T-26 19 Ŋ Common )

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

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 bidg, not located EXP B, wind TC DL=3 5 psf.

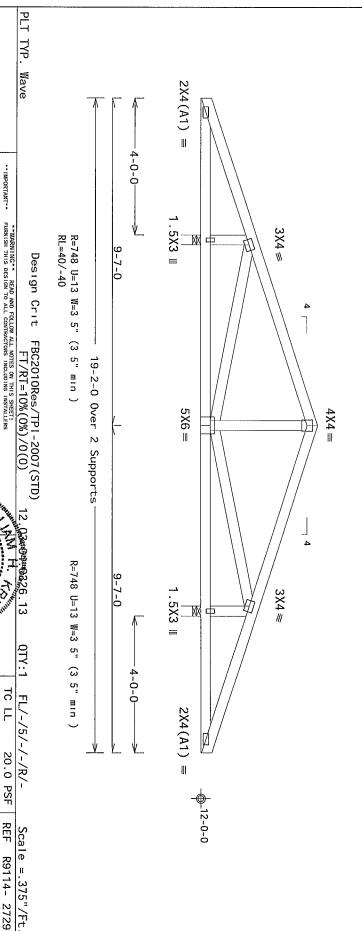
Wind loads and reactions based on MWFRS with additional C&C member

Lumber grades designated with "13B" use design values approved  $1/30/2013\ \mbox{by ALSC}$ Left and right cantilevers are exposed to wind

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

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



ITW Building Components Group

ITW Build in Components Group Inc. (ITWEGG) shall not be responsible from the treatment of the LARS. (FIR I have failure to build the treatment of the LARS. (FIR I have for treatment of the LARS.) The LARS. THE LARS.

TOWER.

BC DL BC LT

10.0 PSF

TC DL

7.0 PSF

DATE REF

12/03/13

TC LL

20.0 PSF

R9114- 2729

12/04/2013

SPACING DUR.FAC.

24.0" 1.25

JREF-

1V1V487\_Z03

M

TOT.LD.

37.0

SEQN-FROM

335465

0.0

PSF PSF

> HC-ENG WHK/WHK DRW HCUSR9114 13337128

Trusses require extreme care in fabricating handling shipping installing and bracing Road follow the latest edition of BSI (Bailding Component Servety informat on by IPI and WICA) forces practices prior to performing these functions I installers shall provide temporary bracing by a Milliness noted otherwise top chord shall have properly attached structural sheathing and better the shall have a properly attached in decidence of the latest consistency of the properly attached the shall have a properly attached in decidence and shall have a properly attached in the shall have a properly attached the shall have a properly attached to th

\*\* IMPORTANT\*\*

ALPINE

Orlando FL, 32837 FL COA #0 278

Top chord 2x4 SP #1-13B Bot chord 2x4 SP #1-13B Webs 2x4 SP #3-13B 13-285--Fill in later /Anıta and Jerry West Resi -- Lake City, 끈 T-27 11 νī Common

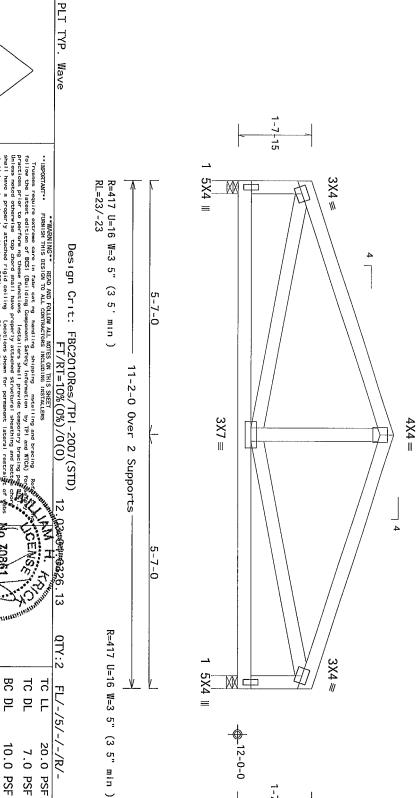
120 mph wind, 15 00 within 9 00 ft from wind BC DL=5 0 psf ft mean hgt, ASCE 7-roof edge, RISK CAT GCpi(+/-)=0 18 CLOSED EXP B, wind T TC DL=3 5

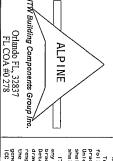
located L=3 5 psf,

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 50 Creep increase

Lumber grades designated with "13B" use design values approved 1/30/2013 by ALSC MWFRS loads based on trusses located at least 7 50 ft Bottom chord checked for 10 00 psf non-concurrent live load from roof edge





Trusses require extreme care in fabr cax my handling shipping used ling and bracing Ref. follow the latest edition of BSS1 (Building Component Safety) information by TP1 and WEAD fook practices prior to perform mg these functions in latellates shill provide temporary bracing positions become formation and the safety attached structural shaesting and better buildings noted otherwise to perform the performance of the property attached structural shaesting and better buildings noted otherwise to properly attached structural shaesting and better buildings of the property attached structural shaesting and better buildings of the safety of the shall have a properly attached rigid ceiling Locations shown for permanen shall have bracing installed per BCSI sections B3 B7 or B10 as applicable

ITW Building Components Group in co (TYMEG) shall not be responsible for any device on real any failure to be lid the trues in conformance with NASI/TRI 1 or for hand, in shipp of brief or furthers. Apply places to each face of trues and position as shown above any of the standard place position as the conformal position and the conformal position and the conformal position and the conformal position and the conformal place position and drawing for the conformal position and the conformal position and the conformal place position and the conformal place of the design for any indicates acceptance of professional engineering the responsibility of the Building Designer par ANSI/TRI 1862 E for mace information see a conformal place of the design for any standard place of the design

PENNER.

BC LL

0.0

PSF PSF

> HC-ENG WHK/WHK DRW HCUSR9114 13337131

335460

DATE REF

12/03/13

Scale =.5"/Ft.

R9114- 2730

TOT.LD.

37.0

2/04/2013

SPACING DUR. FAC

24.0" 1.25

JREF-

1V1V487\_Z03

FROM SEQN-

13-285--Fill in later /Anita and Jerry West Resi -- Lake City, FL - T-28

Top chord 2x4 SP #1-13B Bot chord 2x4 SP #1-13B B2 2x4 SP 2850f-2 3E Webs 2x4 SP #3-13B

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

Left and right cantilevers are exposed to wind

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

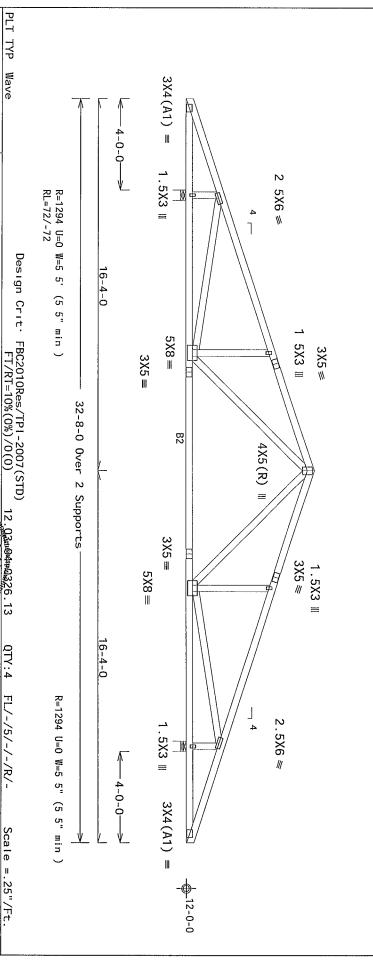
 $\ensuremath{\mathsf{MWFRS}}$  loads based on trusses located at least 15 05 ft  $\,$  from roof edge

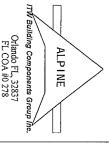
120 mph wind, 15 05 ft mean hgt, ASCE 7-10, CLOSED bidg, not located within 9 00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3 5 psf, wind BC DL=5 0 psf GCpi(+/-)=0 18

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

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

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





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

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

Trusses require extreme care in fabr cating handling shipping installing and bracing Ref (10) low the latest edition of BGS] (Bu iding Component Safety Information by IPI) and WTCA) for spractices prior to performing these functions. Installicra shall provide temporary bracing page (10), the protection of the provide temporary bracing page (10), the protection of the pr

I'W Building Components Group inc. (I'MBCD) shall not be responsible for any deviation from any failure to be id the trues in conformance with MSI/IPI 1 or for handling shipping grade to the state of trues and position as shown above and on the Dota is unless ented otherwise. Before to drawing 1604.2 for standard plate positions A drawing or cover page I sting this drawing ind cates acceptance of professional ang macring screponsibility solely for the Building Dos gone per MSI/IPI 1 Sec. 2 for more information see general notes page I I'W BCC away to the Building Dos gone per MSI/IPI 1 Sec. 2 for more information see general notes page I I'W BCC away to condition the control of the Component Interval of the Component Interval of the Component Interval of the Component Interval of ITICA ways storing the Component ITICA ways storing the Componen

ENER.

DUR. FAC.

SPACING

1.25 24.0"

JREF- 1V1V487\_Z03

BC LT

0

PSF

DRW HCUSR9114 13337137 HC-ENG WHK/WHK

10.0 PSF

TOT LD

37.0

PSF

SEQN-

335490

FROM

10 PL

7.0 PSF

DATE

12/03/13

20 0

PSF

R9114- 2731

Top chord 2x4 SP #1-13B Bot chord 2x4 SP #1-13B Webs 2x4 SP #3-13B ( 13-285--Fill in later /Anıta and Jerry West Resi -- Lake City,

120 mph wind, 23 08 within 4 50 ft from wind BC DL=5 0 psf ft mean hgt, ASCE 7-1 roof edge, RISK CAT I GCpi(+/-)=0.18 CLOSED bldg, not located EXP B, wind TC DL=3 5 psi psf,

MFR

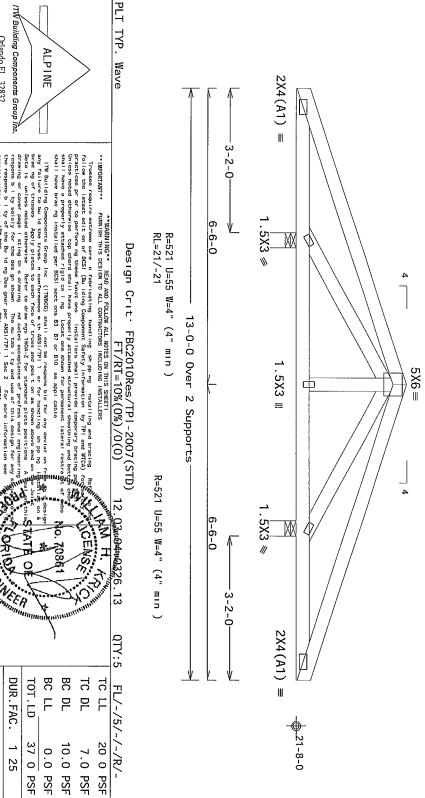
Wind loads and reactions based on MWFRS with additional C&C member design

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

Lumber grades designated with "13B" use design values approved  $1/30/2013\ \mbox{by ALSC}$ Left and right cantilevers are exposed to wind

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 I'll Building Components Group inc (ITNBCC) shall not be respons bic for any deviat on free any failure to build the truss a conformance with ANSI/TPI 1 or for handling ship ping issettly became the post of the TANDIE TANDIE 12/04/2013 SPACING

24.0"

JREF-

1V1V487\_ 

Z03

PSF

DATE

12/03/13

REF R9114- 2732

Scale = .5"/Ft.

PSF PSF

HC-ENG WHK/WHK

DRW HCUSR9114 13337139

SEQN-FROM

335509

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

Top chord 2x4 SP #113B Bot chord 2x6 SP SS-13B B4 2x6 SP #1 Dense-13B Webs 2x4 SP #3-13B W5 W14 2x4 SP #1-13B Ut Slider 2x4 SP #3-13B TC From TC From BC Fro PLT SPECIAL LOADS Lumber grades designated with 1/30/2013 by ALSC ITW Building Components Group 13-285--Fill in later /Anita and Jerry West ΤYΡ 70 PIF 200 PIF 263 IB Conc 396 IB Conc 430 IB Conc 431 IB Conc 1917 IB Conc 316 IB Conc 316 IB Conc 400 IB Conc 40 Orlando FL, 32837 FL COA #0 278 ALPINE ᇣᇣ Wave 27 PLF at 30 %
27 PLF at 33 21 to
54 PLF at 42 58 to
10 PLF at 40 56 to 4X5(A4) = $4X5(A4) \equiv$  $4X5(A4) \equiv$ 2-6-04 3X6(C6)<sub>1</sub> : at 33 21 to at 42 58 to 00 to at 40 56 to 100 at 44 23 load at 48 10 load at 48 10 load at 46 23 load at 25 56 load at 22 56 load at 22 56 load at 24 56 load at 24 56 load at 36 56 load at 36 56 load at 48 10 56 load at 42 23 load at 42 23 load at 44 8 10 R=1381 U=329 W=3 5" W3, W28, W33 2x4 SP #2-13B W7 W15 W27 2x4 SP 2850f-2 BLOCK LENGTH = 5 809 T2 T5, T6 2x4 SP 2850f-2 3E B3 2x6 SP #2-13B 2∥ ITW Building Components Group Inc (ITWBCG) shall not be respons bit for any dev ation from any failure to build the truss in conformance with ARSI/IPI 1 or for handing an pping brace mg of trusses. Apply plates to seem face of truss and position as shown above and on Deca is unless noted otherwise. Refer to drawings 180A-Z for standard plate positions of the day of cover page listing this drawing indicates acceptance of profess and leng neer responsibility of the design shown. The suitability and use of this day of the design shown. The suitability and use of the side sign for any the responsibility of the duilding Designer per ARSI/IPI 1 Sec 2 for more information seems general notes page ITW-BCG www. twbcg.com TPI www.tp.nst.org WTCA www.sbc.ndustry.com Trusses require extreme care in fabricat on bandi ng shipping installing and brace ng follow the latest edition of BGS1 [Build ng Component Safety Informat on by TPI and WGA) for practices prior to perform ng these funct ons Installers shall provide temporary brace ng paginhese noted otherwise top chord shall have properly attached structural ishauthing and better shall have a properly attached rigid ceiling Locations shown for permanent interal restricts shall have a properly attached rigid ceiling shall have bracing installed per BCSI sections B3 B7 or B10 as applicable IMPORTANT-PLATE 13B 3X4 ≡ 3X6 ≡ 10 18-11-8 E DUR FAC
54 PLF at
27 PLF at
27 PLF at
27 PLF at
10 PLF at
20 PLF at 26 5X6 = use design values 20-9-0 56 15-0-0 56 \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS at 20 at 33 at 42 at 49 at 49 at 49 4 X 5 ≡ 28 56 2.5X8 56 Design Crit FBC2010Res/TP1-2007(STD) FT/RT=10%(0%)/0(0) 25) 0 75 0 75 3 21 3 21 3 8 3 8 3 8 3 14 30 5" min Resi 56 56 III 7X8≡ 4X6€¥6 = 16 32 R=6969 U=437 W=5 5' 49-4-8 4X5(R) ₩ 56 Lake City, 5-8-0 7X8(R) 3X4 *≤* 0ver 9-8-8 ω F) Supports ≡ 5X6 ≡ TG-1  $B^43X4 = 2-3-5$ 10-6-8 (5 5" min ) 5X6≡ 2-9-0 49 3X8 =30-10-8 4 8 = 1.5X4 =5X6  $\pm 5$   $\pm 5$   $\pm 6$   $\pm 1$ .5X4 = 2.5X6  $\pm 1$ .5X4 = 3X4 = 5X10 = 2X4 || 5X6 = 1.5X4 || 3X4 = 3X4 ≡ WARNING Furnish a copy of this DWG to the Special care must be taken during handling, of trusses See WARNING note below Use equal spacing between rows and stagger nails in each row to avoid splitting to a spacing of nails perpendicular and parallel grain required in area over bearings greater than 4 Top Chord 1 Row @12 00 o c Bot Chord 1 Row @8 25 o c Webs 1 Row @ 4 o c Use equal spaces Common Girder Deflection meets L/240 live and L/180 total factor for dead load is 1 50  $\,$ Right end vertical not exposed to wind pressure 120 mph wind, 15 00 ft mean hgt ASCE 7-10, CLOSED bldg, not located within 13 00 ft from roof edge, RISK CAT II, EXP B wind TC DL=3 5 psf wind BC DL=5 0 psf GCpi(+/-)=0 18 (\*\*) 1 plate(s) require special positioning Refer to scaled plate plot details for special positioning requirements In lieu of structural panels use purlins to brace all flat TC  $\,$  OC  $\,$ Left cantilever is exposed to wind Wind loads and reactions based on MWFRS Bottom chord checked for 10 00 psf non-concurrent live load (J) Hanger Support Required 4X5(R) # 5X6(\*\*) COMPLETE 9-4-8 2.5X6 10X10 14-2-8 TO NEED **= TRUSSES** 6-9-8 6 Պ.5X4 ⊪ 2/04/2013 .₩28  $2.5X6 \leq 4X10 =$ by others nails QTY:1 2.5X6 - 11-4-0 W33 REQUIRED 3X4 ≡ BC LL BC DL TC DL SPACING R=5076 U=349 DUR.FAC. TOT LD TC LL FL/-/5/-/ → 10-0-0 shipping and installation load Creep increase 37.0 1.25 10.0 PSF 20.0 PSF 24.0" 0.0 7.0 '-/R/ç PSF PSF PSF ø SEQN-DATE DRW HCUSR9114 13337109 REF R9114- 2733 FROM HC-ENG JREF-Scale = .125"/Ft. 1V1V487\_Z03 WHK/WHK 12/03/13 335314

Top chord 2x4 SP 2 Bot chord 2x4 SP 3 Webs 2x4 SP 4 W7, W8, W10 2x4 SP (13-285--Fill in later /Anita and Jerry West Resi --2850f-2 3E 2850f-2 3E 2850f-2 3E 3 #3-13B W6 4 SP #1-13B T5 2x4 SP #1-13B B2, B5 2x4 SP #1-13B 2x4 SP 2850f-2 3E W12, W16, W19, W21 2x4 Ş Lake #2-13B City, 구 ' TG-3 46'2"8 Common Girder) Nail Schedule 0 131"x3", min nails
Top Chord 1 Row @11 75" o c
Bot Chord 1 Row @12 00" o c
Webs 1 Row @ 4" o c
Repeat nailing as each layer is applied Use equal spacing between rows and stagger nails in each row to avoid splitting 3 COMPLETE **TRUSSES** REQUIRED

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

From From From From From From 25 48 ur Fac =1 25 /
pif at 1 000
pif at 21 33
pif at 24 83
pif at 44 99
pif at 18 000
pif at 24 68
pif at 34 21 plf at Conc L Conc L \_oad at t ç ţ ç 6 to to ç ç t to 24 94 74 e Dur Fac 55 plf at 205 plf at b plf at 17
b plf at 24
b plf at 28
b plf at 28
b plf at 44
b plf at 44
b plf at 46
b plf at 18
b plf at 18
b plf at 46
b plf at 46
b plf at 46
b plf at 46
b plf at 46 7 83 1 83 1 83 1 99 99 00 68 68

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

4X6 ≥ 6X6 ≡ 3X4 ⊭ 5X6 =

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

Wind loads and reactions based on MWFRS

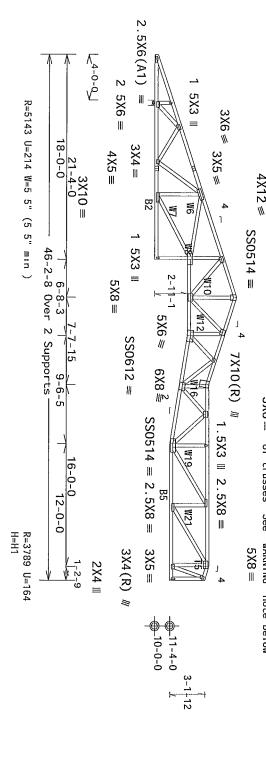
Right end vertical not exposed to wind pressure

Left cantilever is exposed to wind

Calculated ç horizontal deflection is 0 22" due to live load and 0 30"

lieu of structural panels use purlins to brace all flat TC @

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





TIW-BCC

PLT TYP

18 Gauge

HS, Wave

Design

Crit

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

ည

QTY:1

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

Scale = .125"/Ft.

R9114-

20.0

PSF

7.0 PSF PSF PSF

> DATE REF

> 12/04/13 2734

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

ig d ceiling Locations shown for permanent BCS: sections 83 B7 or B10 as applicable

and on The

CINKEH.

DUR FAC.

1.25 24.0"

TOT LD.

37.0

PSF

SEQN-HC-ENG

SPACING

JREF-FROM

1V1V487\_Z03

ВС BC DL TC DL t

F

0.0

10.0

DRW HCUSR9114 13338003

WHK/WHK 335768

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



120 mph wind, 15 00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3 5 psf, wind BC DL=5 0 psf GCpi(+/-)=0 18 In lieu of structural panels use purlins to brace all flat TC @ 24"  $\,$  0C  $\,$ Wind loads and reactions based on MWFRS Use equal spacing between rows and stagger nails in each row to avoid splitting

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

Special loads

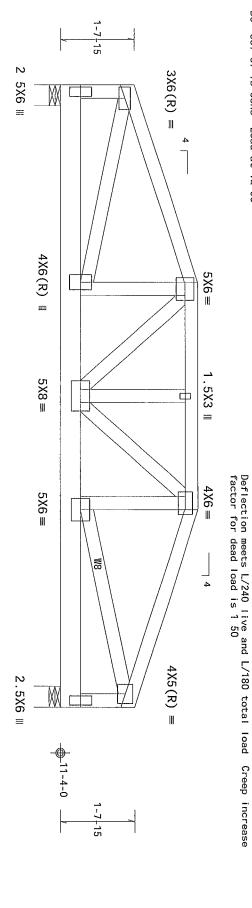
-(Lumber From

Dur Fac =1 25 / Plate Dur Fac =1 25)
27 plf at 0 00 to 27 plf at 4 33
27 plf at 4 33 to 27 plf at 9 33
27 plf at 9 33 to 27 plf at 13 67
10 plf at 0 00 to 10 plf at 13 67
1b Conc Load at 1 06

181 25 lb Conc l 190 71 lb Conc l 114 49 lb Conc l 3788 96 lb Conc l 394 13 lb Conc l 387 67 lb Conc l

C Load at 1 06
Load at 3 06
Load at 5 06
Load at 7 06
C Load at 7 93
Load at 10 06
Load at 12 06

From From From 1577 69 181 25 1



	FL COA #0 278	ITW Building Components Group Inc.		ALPINE	\ /	>		PLT TYP. Wave
12/0-1/2013	general notes page ITM-BCC www itwideg com TPI www tpinst org WTCA www sbc ndustry com	oraw ng or cover page list ng this drawing ind cates acceptance of professional eng neer ng responsibility solely for the designer shown. The suitability and use of this design for any scripting the control of the Building Designer per ANSI/TPI 1 Sec 2. For more information see	bracing of trusses. Apply plates to each face of truss and position as shown above and on the John Details unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. A seal of this day.	ITW Building Components Group Inc (ITWBCG) shall not be responsible from any deviat on figure 2 days grant any failure to build the truss in conformance with AMS(JTP) in for handling sharp any failure to build the truss in conformance with AMS(JTP) in for handling sharp any failure to build the truss in conformance with AMS(JTP) in for handling sharp any failure to build the truss in conformance with AMS(JTP) in for handling sharp any failure to build the truss in conformance with AMS(JTP) in for handling sharp any failure to build the truss in conformance with AMS(JTP) in for handling sharp any failure to build the truss in conformance with AMS(JTP) in the trust of the tr	Unless noted otherwise top chord shall have properly attached structural sheathing and bottom office shall have a properly attached rigid oc in go locations shown for permanent lateral restractor of sobs No. 100 shall have beginning one first core one of a for any continuous shown for permanent lateral restractor of sobs No. 100 shall have beginning one first core one of a for any continuous shown for permanent lateral restractor of sobs No. 100 shall have beginning to some s	Trusses require extreme care in fabr cating handling ship ng installing and bracking lees continued to the follow the latest edition of BCSI (Building Component Safety Information by TPI) and WTCA) focus of the practices prior to performing these functions. Installers shall provide temporary braining by	""WARNING" READ AND FOLLOW ALL NOTES ON THIS SHEET	Design Crit FBC2010Res/TPI-2007(STD) FT/RT=10%(0%)/0(0) 12.03ພວສະພຸດ3,26.13
010								QTY:1
	SPACING 24 0"	DUR.FAC. 1.25	TOT LD.	BC LL	BC DL	TC DL	IC 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- 1V1V487_Z03	FROM JMW	TOT LD. 37.0 PSF SEQN- 335774	0.0 PSF HC-ENG WHK/WHK	10.0 PSF DRW HCUSR9114 13338004	7.0 PSF DATE 12/04/13	20 0 PSF REF R9114- 2735	Scale =.5"/Ft.

R=3766 U=149 W=5 5"

(5 5"

min )

13-8-0 Over 2 Supports

5-0-0

4-4-0

R=3380 U=178 W=5 5"

(5 5" min )

4-4-0

(13-285--Fill in later /Anita and Jerry West Res: -- Lake City, ٦ ا TG-2 53'2" Common Girder)

Top chord 2x4 SP #1-13B

Bot chord 2x6 SP #2-13B B4 2x6 SP #1 Dense-13B

Webs 2x4 SP #3-13B W5, W13, W14, W15 2x4 SP #2-13B

Lt Slider 2x4 SP #3-13B· BLOCK LENGTH = 4 588'

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

Special loads From From From Lumber Dur Fac =1 25 / Plate Dur Fac =1 20 / Plate Dur Fac =1 20 / Plate Dur Fac =1 25 / Plate Our Fac =1 25)
4 plf at 20 75
5 plf at 28 33
5 plf at 31 83
5 plf at 35 17
6 plf at 18 96
7 plf at 28 48
7 plf at 35 17
7 plf at 53 17

Calculated horizontal deflection is 0 14" due to dead load due to live load and 0 20"

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

### 2 COMPLETE **TRUSSES** REQUIRED

Top Chord 1 Now.
Bot Chord 1 Row 1 Row Use equal spacing between rows and stagger nails in each row to avoid splitting 4" o c spacing of nails perpendicular and parallel to grain required in area over bearings greater than 4" Nail Schedule 0 131'x3", min nails
Top Chord 1 Row @12 00" o c
Bot Chord 1 Row @12 00" o c
Webs 1 Row @ 4" o c

Negative reaction(s) of -218# MAX case requires uplift connection (See below) from a non-wind load

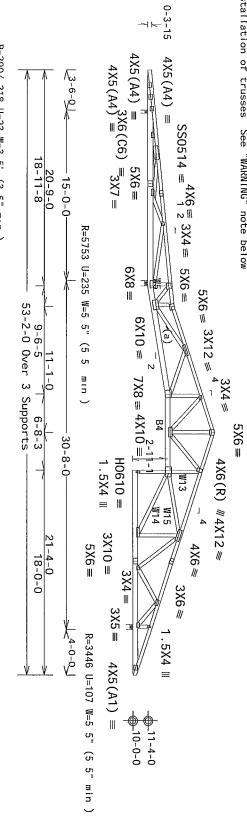
120 mph wind, 15 00 ft mean hgt, ASCE 7-10, CLOSED bldg, within 13 00 ft from roof edge, RISK CAT II, EXP B, wind psf, wind BC DL=5 0 psf GCpi(+/-)=0 18 not located TC DL=3 5

Wind loads and reactions based on MWFRS

Left and right cantilevers are exposed to wind

(a) Continuous lateral restraint equally spaced on member

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



R=290/-218 U=23 W=3 οī (3 5" ш п )

FL COA #0 278	ITW Building Components Group inc.		ALPINE	<u> </u>	>		PLT TYP 20 Gauge HS,18 Gauge HS, Wave	
general notes page 1 ICC www ccsafe org	drawing or cover page respons bility of the respons bility of	bracing of trusses Details unless noted	ITW Building Compor	Unless noted otherwis	Trusses require ext follow the latest edi pract ces pr or to pe	**W	18 Gauge HS,	
ITW-BCG www itwbcg com TP1	of the Building Designer per Al	Apply plates to each face of otherwise Refer to drawing	ITW Building Components Group Inc (ITWECG) shall not be respons be for it was a shall not be respons to the formation of the	se top chord shall have prop attached rigid ce I ng Lo	treme care in fabricating has ition of BCSI (Building Composi- erforming these functions li	**WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET  **IMPORTANT** FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS	Design Crit	
general notes page ITW-BCS www itwbeg com TP1 www tpinst org WTCA www sbeindustry com ICC www cesafe org	drawing or cover page listing this drawing and cates acceptance of professional engineering the respons bity solely for the des gn shown. The su tability and use of this design for any Erns the respons bility of the Building Des gner per ANSI/TPI   Sec 2   For more information see Spin	bracing of trusters Apply places to each face of trusts and post tion as shown above and on the John to be a beginning of trusters Apply places to each face of trusts and post tion as shown above and on the John to be a beginning of trusters and post tions. Agency on this place to be a beginning of the post tions are the post tion are the post tio	ITW Building Components from Inc. (ITWBGG) shall not be respons but or any deviation fam. this design	Unless noted otherwise top chord shall have properly attached structural sheathing and bottle cook shall have a properly attached rigid one ing locat one shown for personant lateral restraint of mebs	Trusses require extreme care in fabricating handling shipping installing and bracing Recent follow the latest edition of RCSI (Building Component Safety Information by TPI and WTCA) for the practices prior to performing these functions installing shall provide temporary bracing by RCSI.	ALL NOTES ON THIS SHEET	Design Crit FBC2010Res/TPI-2007(STD) FT/RT=10%(0%)/0(0)	
Con Contraction of the Contracti	S. S	he John Child ATH OF THE	this design	and of Jobs 1908 4	CENSO.	T. A. T.	D) 12. <u>03</u> 040326.13	
	Γ		)				QTY:1	
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		
JREF- 1V1V487_Z03	FROM JMW	TOT.LD. 37.0 PSF SEQN- 335771	0.0 PSF HC-ENG WHK/WHK	10.0 PSF DRW HCUSR9114 13338006	7.0 PSF DATE 12/04/13	20.0 PSF REF R9114- 2736	Scale =.125"/Ft	

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

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

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

120 mph wind, 16 29 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9 00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3 5 psf wind BC DL=5 0 psf GCpi(+/-)=0 18

(J) Hanger Support Required, by others(J) Hanger Support Required, by others

Truss must be installed as shown with top chord up

The TC of this truss shall be braced with attached spans at 24  $^{\circ}$  OC in lieu of structural sheathing

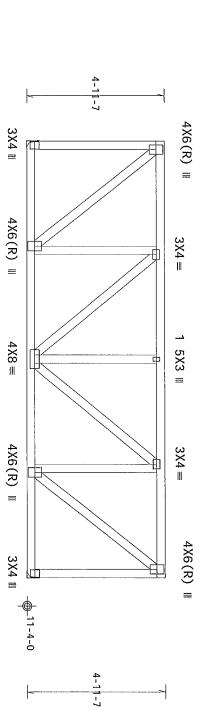
Special loads
-----(Lumber Dur Fac =1 25 / Plate Dur Fac =1 25)
TC- From 27 plf at 0 00 to 27 plf at 15 34
BC- From 10 plf at 0 00 to 10 plf at 15 34
BC- 518 63 lb Conc Load at 2 06, 4 06, 6 06, 7 28
9 28,11 28,13 28

Wind loads and reactions based on MWFRS

End verticals not exposed to wind pressure

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

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

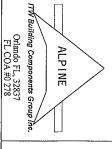


R=2112 U=0 H=H1

R=2086 U=0 H=H2

15-4-1 Over

— 15-4-1 Over 2 Supports ———



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

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

0326

QTY:1

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

TC LL

20.0 PSF

REF R9114- 2737

Scale = 3125"/Ft.

7.0 PSF

DATE

12/04/13

PLT

ΤYÞ

Wave

Trusses require extreme care in fabricating handling an pping installing and bracing look type follow the latest edition of BCS (Building Component Safety Information by 170 and WCD) for the practices prior to performing these functions installiers shall provide temporary bracing particles the same obtained and the properly attached shall have a properly attached rip do so ing Local consistent for permanent lateral installier and shall have a properly attached rip do so ing Local consistent for permanent lateral installier and shall have bracing installed per BCSI sections BS BI or BIO as applicable.

ITW Building Components Group inc (ITWBCG) shall not be responsible for any deviation any failure to build the trues in conformance with ARSI/TPI 1 or for handling shipping for bracing of trusses. Apply plates to each face of truss and post on as shown above and on Bocallis unless noted of sherrise. Refer to drawings 160A-Z for standard plate positions. Apply of the properties of the standard of the professional engineering of causes acceptance of this design for any properties of the design shown. The suitability and use of this design for any properties of the Building Designer par ARSI/TPI 1 Sec 2. For more information see general notes page if TR-BCG wave incompared to the properties of the design shown.

CENSCI CENSCI COLOR BC DL

BC DL

BC LL

TOT.LD.

DUR. FAC.

SPACING

SPACING

SPACING

37.0 F 1.25 24.0"

> HC-ENG SEQN-

FROM

JREF-

1V1V487\_Z03

0.0

PSF

10 0 PSF

DRW HCUSR9114 13338005

WHK/WHK 335765

### Reinforcing

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

#### Notes

L-reinforecement or scab reinforcement shown on single ply sealed designs to T-reinforcement or This detail is only applicable for changing the specified CLR

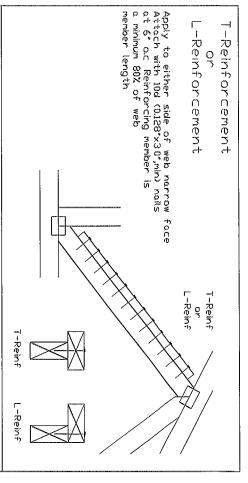
Alternative reinforcement specified in chart below may be conservatve For minimum alternative reinforcement, re-run design with appropriate reinforcement type

で-C×6(米)	n x o	N rows	ιν X
1-2×8	N×6	1 row	N×80
2-2×4(*)	D×6	≥ rows	r) x 6
1-2×6	2×4×	1 row	r × S
א א א א א א א א א א א א א א א א א א א	2×6	rows	2×3 or 2×4
1-2×4	2×4	1 row	2×3 or 2×4
Scab Reinf	T- or L- Reinf Scab Reinf	Restrant	Size
of orecement	Alternative Reinforecemen.	Specified CLR	Web Member

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

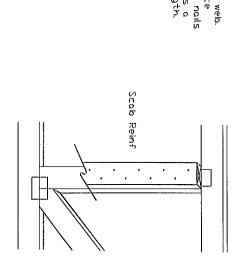
 $\Re$ face of web Center scab on wide face of web Apply (1) scab to each

# 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" ac Reinforcing member is a minimum 80% of web member length.





on this drawing or cover page listing this drawing, indicates acceptance of profession og responsibility soldly for the design shown. The autholity and use of this drawing structure is the responsibility of the Balding Designer per ANZI/TRI SACS. For nore information see this job's general motes page and these we stress ITV3CG environce, TRI www.tpinstorgs. SECA weedscholdstry.orgs ICC weekscoolings.

Earth City MO 63045

STONAL ENG EER. SPACING 7  $\Gamma$ 

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BC LL	PSF		
דםז עם	PSF		
DUR FAC.			
		_	

PSF

REF

CLR

Subst

