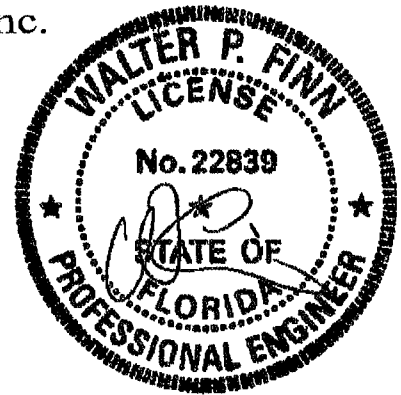


ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number 0 278
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID 1V222327Z0210103307



Truss Fabricator **Duley Truss**
Job Identification. **L1124-CASON/BRADLEY WORKSHOP -- , ****
Truss Count **2**
Model Code **Florida Building Code 2010**
Truss Criteria. **FBC2010Res/TPI-2007(STD)**
Engineering Software **Alpine Software, Version 13.02.**
Structural Engineer of Record **The identity of the structural EOR did not exist as of**
Address **the seal date per section 61615-31.003(5a) of the FAC**
Minimum Design Loads **Roof - 37.0 PSF @ 1.25 Duration**
Floor - N/A
Wind - 140 MPH ASCE 7-10 -Closed

12/10/2013

Notes

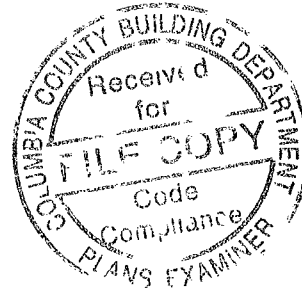
1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR2327

Walter P Finn
-Truss Design Engineer-

1950 Marley Drive
Haines City, FL 33844

Details: 14015EC1-GBLLETIN-

#	Ref	Description	Drawing#	Date
1	49936--T1		13344047	12/10/13
2	49937--T2		13344048	12/10/13



Value Set. 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

See DWGS A14015ENC100212 & GBLLETIN0212 for more requirements.

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

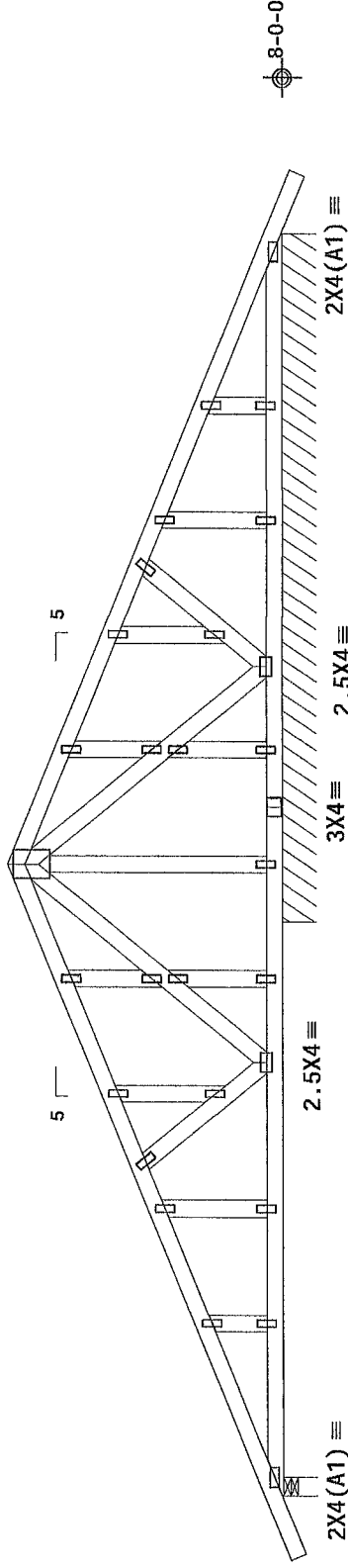
140 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=4.2 psf, wind BC DL=5.0 psf. GCPI(+/-)=0.18

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

Truss spaced at 24.0" OC designed to support 1-0-0 top chord outlookers. Cladding load shall not exceed 2.00 PSF. Top chord must not be cut or notched.

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

6X8 (R) III



1-0-0

11-0-0

11-0-0

1-0-0

22-0-0 Over 2 Supports

R=441 U=85 W=4" (1.5" min.)
RL=110/-110

R=117 PLF U=17 PLF W=12-0-0

Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave

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

13.02.00.0026.18

QTY: 2

FL/-/2/-/-R/-

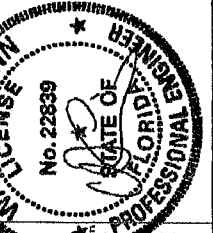
Scale = 3.125"/Ft.

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET.

FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information by TPI and WTCA) for safety practice and other information. Truss fabricators shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of web shall have bracing installed per BCSI sections B5, B7 or B10 as applicable.

ITE Building Components Group Inc. (ITBCG) shall not be responsible for any device or from this design any failure to build the truss in conformance with ANSI/TPI 1 or for handling, shipping, installation, bracing or erection of the truss. Truss fabricators shall apply plates and bolts in accordance with the drawing and cover page listing this drawing and accept acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec 2. For more information see This Job's general notes page ITB-B06 www.itbtag.com, TPI www.tpi.net org WTCA www.sciindustry.com ICC www.iccsafe.org



ALPINE

ITW Building Components Group Inc.
Orlando FL, 32837
FL COA #0278

12/10/2013

TC LL	20.0 PSF	REF	R2327- 49937
TC DL	7.0 PSF	DATE	12/10/13
BC DL	10.0 PSF	DRW	HCUSR2327 13344048
BC LL	0.0 PSF	HC-ENG	SSB/WPF
TOT. LD.	37.0 PSF	SEQN-	687694
DUR. FAC.	1.25	FROM	JRG
SPACING	24.0"	JREF-	1V222327Z02

(L1124-CASON/BRADLEY WORKSHOP -- , ** - T1)

Value Set 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3

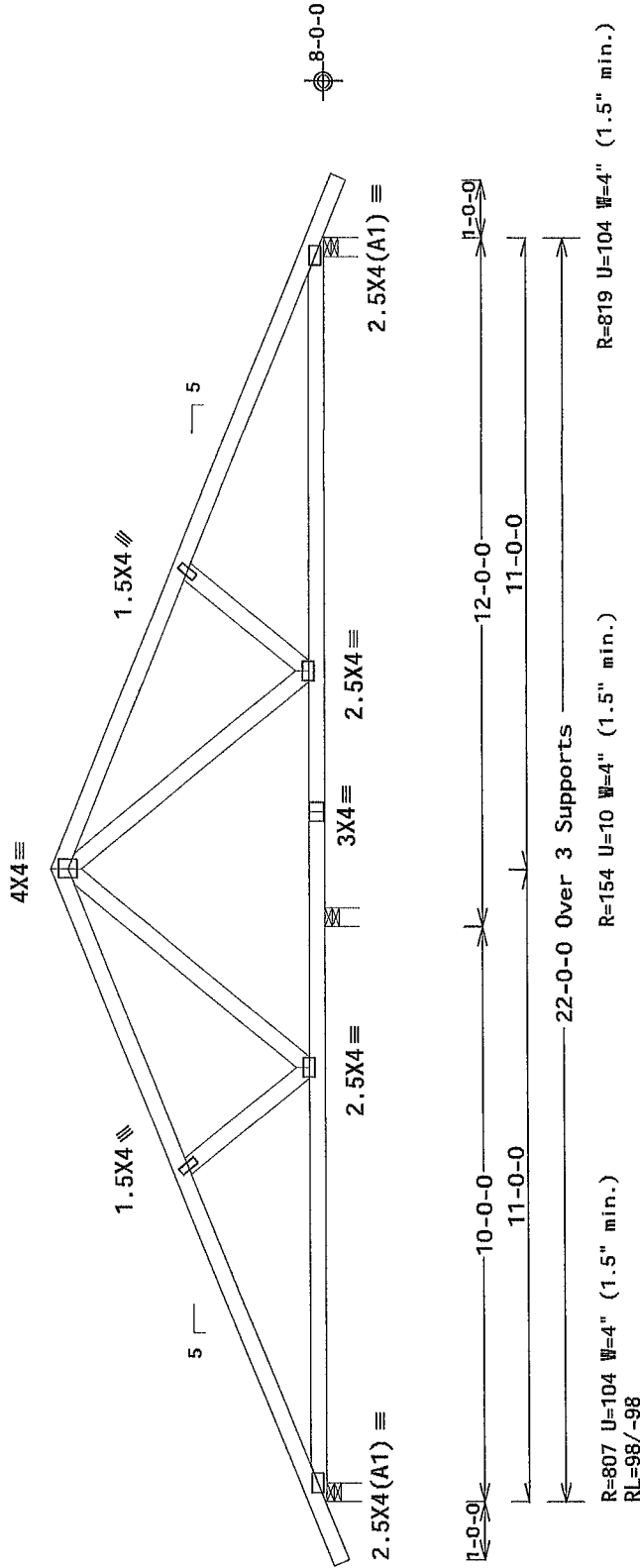
Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

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

140 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=4.2 psf, wind BC DL=5.0 psf, GCPI(+/-)=0.18

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

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



Design Crit: FBC2010Res/TPI-2007(STD)

ALPINE ITW Building Components Group Inc. Orlando FL, 32837	**WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET! **IMPORTANT** FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information by TPI and WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI sections 83, 87 or 810 as applicable. Top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of web shall have bracing installed per BCSI sections 83, 87 or 810 as applicable. ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or any failure to build the truss in conformance with ANSI/TPI 1 or for handling, shipping, installation, bracing or trussing. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 180A-2 for standard plate positions. A seal on the drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec 2. For more information see general notes page ITW-BCG www.itwbcg.com, TPI www.tpinet.org WTCA www.wtcaindustry.com	QTY: 13	FL/-/2/-/-/R/-	Scale = .3125"/Ft.		
		FT/RT=20%(0%)/10(0)	13.02.00	0925.18		
		TC LL	20.0 PSF	REF	R2327-	49936
		TC DL	7.0 PSF	DATE	12/10/13	
		BC DL	10.0 PSF	DRW	HCUR2327	13344047
		BC LL	0.0 PSF	HC-ENG	SSB/WPF	
TOT.LD.	37.0 PSF	SEQN-	687680			
DUR.FAC.	1.25	FROM	JRG			
SPACING	24.0"	JREF-	1V222327Z02			

NAPCO SOFITE TYPE		LONG SPAN TABLE					EAVE WIDTH IN INCHES				
		12"	15"	18"	21"	24"					
Double 6 (Aluminum) 12", Nails Solid - 36689 Vented - 36681	Double 6 (Aluminum) 12", Staples Solid - 36688 Vented - 36681	+288.0	+170.4	+112.5	+79.8	+59.5					
		-275.3	-162.9	-107.6	-76.3	-56.9					
Double 6 (Aluminum) 12", Staples Solid - 36688 Vented - 36681	Double 6 (Aluminum) 12", Staples Solid - 36688 Vented - 36681	+288.0	+170.4	+112.5	+79.8	+59.5					
		-275.3	-162.9	-107.6	-76.3	-56.9					
Double 6 PVC Coated (Aluminum) 12", Nails Solid - 36680/324 Vented - 36681/321	Double 6 PVC Coated (Aluminum) 12", Staples Solid - 36680/324 Vented - 36681/321	+288.0	+170.4	+112.5	+79.8	+59.5					
		-275.3	-162.9	-107.6	-76.3	-56.9					
Double 6 PVC Coated (Aluminum) 12", Staples Solid - 36680/324 Vented - 36681/321	Double 6 PVC Coated (Aluminum) 12", Staples Solid - 36680/324 Vented - 36681/321	+288.0	+170.4	+112.5	+79.8	+59.5					
		-275.3	-162.9	-107.6	-76.3	-56.9					
Triple 4 (Aluminum) 12", Nails Solid - 36692 Vented - 36694	Triple 4 (Aluminum) 12", Staples Solid - 36692 Vented - 36694	+288.0	+170.4	+112.5	+79.8	+59.5					
		-275.3	-162.9	-107.6	-76.3	-56.9					
Triple 4 (Aluminum) 12", Staples Solid - 36692 Vented - 36696	Triple 4 (Aluminum) 12", Staples Solid - 36692 Vented - 36696	+288.0	+170.4	+112.5	+79.8	+59.5					
		-275.3	-162.9	-107.6	-76.3	-56.9					
Quad 4 (Aluminum) 16", Nails Solid - 36691 Vented - 36698	Quad 4 (Aluminum) 16", Staples Solid - 36691 Vented - 36698	+216.0	+127.8	+84.4	+59.8	+44.6					
		-206.5	-122.2	-80.7	-57.2	-42.7					
Durabuilt Double 6 (Aluminum) 12", Nails Solid - 36682 Vented - 36683	Durabuilt Double 6 (Aluminum) 12", Staples Solid - 36682 Vented - 36683	+227.4	+134.5	+88.8	+63.0	+47.0					
		-217.4	-128.6	-84.9	-60.2	-44.9					
Durabuilt Triple 4 (Aluminum) 12", Nails Solid - 36687 Center Vent - 36688 Vented - 36689	Durabuilt Triple 4 (Aluminum) 12", Staples Solid - 36687 Center Vent - 36688 Vented - 36689	+227.4	+134.5	+88.8	+63.0	+47.0					
		-217.4	-128.6	-84.9	-60.2	-44.9					
Durabuilt Triple 4 (Aluminum) 12", Staples Solid - 36687 Center Vent - 36688 Vented - 36689	Durabuilt Triple 4 (Aluminum) 12", Staples Solid - 36687 Center Vent - 36688 Vented - 36689	+227.4	+134.5	+88.8	+63.0	+47.0					
		-217.4	-128.6	-84.9	-60.2	-44.9					
Solid - 36708 Center Vent - 36709 Vented - 36710	Solid - 36708 Center Vent - 36709 Vented - 36710	+197.0	+116.6	+77.0	+54.5	+40.7					
		-188.4	-111.5	-73.6	-52.2	-38.9					
Solid - 36768 Center Vent - 36769 Vented - 36770	Solid - 36768 Center Vent - 36769 Vented - 36770	+197.0	+116.6	+77.0	+54.5	+40.7					
		-188.4	-111.5	-73.6	-52.2	-38.9					
Triple Plus Triple 3 1/3 (Vinyl) 10", Nails Solid - 36497 Hidden Vent - 36496	Triple Plus Triple 3 1/3 (Vinyl) 10", Staples Solid - 36497 Hidden Vent - 36496	+329.2	+194.8	+128.6	+91.2	+68.0					
		-73.8	-56.8	-46.1	-38.8	-33.6					
Triple Plus Triple 3 1/3 (Vinyl) 10", Staples Solid - 36497 Hidden Vent - 36496	Triple Plus Triple 3 1/3 (Vinyl) 10", Staples Solid - 36497 Hidden Vent - 36496	+329.2	+194.8	+128.6	+91.2	+68.0					
		-73.8	-56.8	-46.1	-38.8	-33.6					
Beaded (Vinyl) 7", Nails Solid - 36445 Vented - 36446	Beaded (Vinyl) 7", Staples Solid - 36445 Vented - 36446	+427.6	+253.0	+167.0	+118.4	+88.3					
		-95.9	-73.7	-59.9	-50.5	-43.6					
Double 3 Standard (Vinyl) 10", Nails Solid - 36496 Vented - 36497	Double 3 Standard (Vinyl) 10", Staples Solid - 36496 Vented - 36497	+427.6	+253.0	+167.0	+118.4	+88.3					
		-99.2	-76.3	-62.0	-52.2	-45.1					
Double 3 Premium (Vinyl) 10", Nails Solid - 36575 Vented - 36576	Double 3 Premium (Vinyl) 10", Staples Solid - 36575 Vented - 36576	+299.3	+177.1	+116.9	+82.9	+61.8					
		-67.1	-51.6	-41.9	-35.3	-30.5					
Double 3 Standard (Vinyl) 10", Staples Solid - 36496 Vented - 36497	Double 3 Standard (Vinyl) 10", Staples Solid - 36496 Vented - 36497	+299.3	+177.1	+116.9	+82.9	+61.8					
		-69.4	-53.4	-43.4	-36.5	-31.5					
Double 3 Premium (Vinyl) 10", Nails Solid - 36575 Vented - 36576	Double 3 Premium (Vinyl) 10", Nails Solid - 36575 Vented - 36576	+329.2	+194.8	+128.6	+91.2	+68.0					
		-73.8	-56.8	-46.1	-38.8	-33.6					
Triple 4 (Vinyl) 12", Nails Center Vent - 36573 Full Vent - 36574	Triple 4 (Vinyl) 12", Nails Center Vent - 36573 Full Vent - 36574	+286.9	+140.2	+92.6	+65.6	+49.0					
		-53.1	-40.9	-33.2	-25.6	-20.1					
Triple 4 (Vinyl) 12", Staples Center Vent - 36573 Full Vent - 36574	Triple 4 (Vinyl) 12", Staples Center Vent - 36573 Full Vent - 36574	+286.9	+140.2	+92.6	+65.6	+49.0					
		-54.9	-42.3	-34.3	-28.9	-23.8					

Details that go with this table are found on Sheet 1 of 2

Double 6 has "v" grooves every 6" across width, and each panel is 12" wide.

Triple 4 or T4 has "v" grooves every 4" across width, and each panel is 12" wide.

Quad 4 has "v" grooves every 4" across width, and each panel is 16" wide.

Beaded 7 has "v" grooves every 7" across width, and each panel is 7" wide.

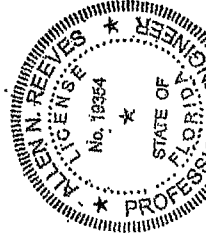
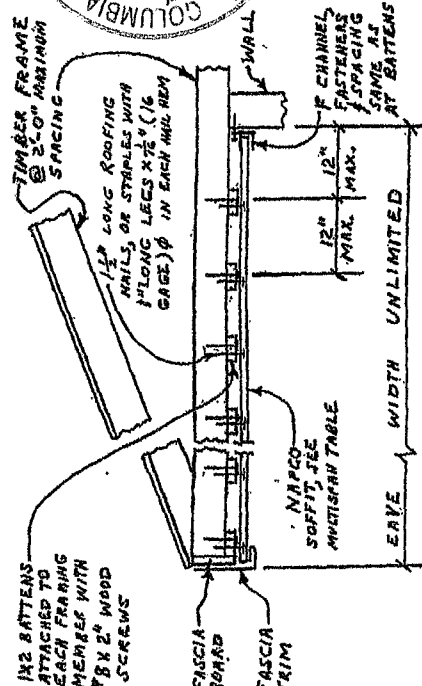
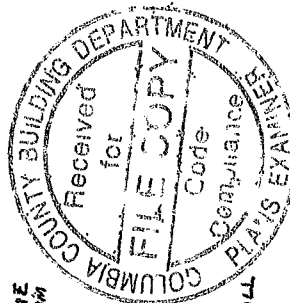
Double 5 has "v" grooves every 5" across width, and each panel is 10" wide.

Triple 3 1/3 has "v" grooves every 3-1/3" across width, and each panel is 10" wide.

NAPCO		SOFFIT TYPE	
Banded (Vinyl) 7", Nails			+/-62.9
Solid - 36445 Vented - 36446			
Banded (Vinyl) 7", Staples			+/-62.9
Solid - 36445 Vented - 36446			
Double 2 Standard (Vinyl) 10", Nails			+/-44.0
Solid - 36406 Vented - 36407			
Double 3 Standard (Vinyl) 10", Staples			+/-44.0
Solid - 36406 Vented - 36407			
Double 2 Premium (Vinyl) 10", Nails			+/-48.4
Solid - 36576 Vented - 36576			
Double 5 Premium (Vinyl) 10", Staples			+/-48.4
Solid - 36576 Vented - 36576			
Triad Plus Triplex 3 1/2", (Vinyl) 10", Nails			+/-48.4
Solid - 36697 Hiden Vent - 36498			
Triad Plus Triplex 3 1/2", (Vinyl) 10", Staples			+/-48.4
Solid - 36697 Hiden Vent - 36498			
Triple 4 (Vinyl) 12", Nails			+/-34.9
Solid - 36572 Full Vent - 36574			
Triple 4 (Vinyl) 12", Staples			+/-34.9
Solid - 36572 Full Vent - 36574			

The detail for this table appears on Sheet 2 of 2

The detail for this table appears on Sheet 2 of 2



Allen N. Rosen
6 NOVEMBER 2012

SOFFIT FOR WIDE EAVES AND EXTERIOR CEILING
NOT TO SCALE

Allen N. Reeves, P.E. Structural Engineer Florida License #19354

REV. 15 OCT 2012

HR Engineering, Inc.

CLIENT: N.A.P.C.O.

PROJECT NAME: NAFCO JOFFITS - FLOKIBA

