DATE 08/27/2008 Columbia County Bu This Permit Must Be Prominently Posted of	uilding Permit on Premises During Construction  PERMI 000027299	
APPLICANT BARBARA WEBSTER	PHONE 719-7143	
ADDRESS 125 SW MIDTOWN PLACE	LAKE CITY FL 32055	
OWNER VENTURE POINTE, LLC	PHONE 755-0808	
ADDRESS 198 SW HYDRAULIC WAY	LAKE CITY FL 32024	
CONTRACTOR ISAAC CONSTRUCTION	PHONE 719-7143	1.70
LOCATION OF PROPERTY 47S, TL ON HYDRAULIC WAY,	3RD LOT ON LEFT	
HEATED FLOOR AREA 1271.00 TOTAL ARE	MAX. HEIGHT   15	1
Culvert Permit No. Culvert Waiver Contractor's License Num WAIVER 08-515 BK  Driveway Connection Septic Tank Number LU & Zonin COMMENTS: ONE FOOT ABOVE THE ROAD, NOC ON FILE	WR Y  ng checked by Approved for Issuance New Reside	nt
	Check # or Cash 10939	
Temporary Power Foundation	Monolithic	
date/app. by	date/app. by date/app. by	/
Under slab rough-in plumbing Slab	Sheathing/Nailing	
Framing date/app. by		app. by
date/app. by	bove slab and below wood floor date/app. b	у

Electrical rough-in Heat & Air Duct Peri. beam (Lintel) date/app. by date/app. by date/app. by Permanent power C.O. Final Culvert date/app. by date/app. by date/app. by M/H tie downs, blocking, electricity and plumbing Pool date/app. by date/app. by Reconnection Utility Pole Pump pole date/app. by date/app. by date/app. by M/H Pole Travel Trailer Re-roof date/app. by date/app. by date/app. by 395.00 7.81 **CERTIFICATION FEE \$** SURCHARGE FEE \$ 7.81 **BUILDING PERMIT FEE \$** MISC. FEES \$ ZONING CERT. FEE \$ 50.00 FIRE FEE \$ 0.00 WASTE FEE \$ FLOOD DEVELOPMENT FEE \$ FLOOD ZONE FEE \$ 25.00 **CULVERT FEE \$** 485.62 TOTAL FEE INSPECTORS OFFICE **CLERKS OFFICE** 

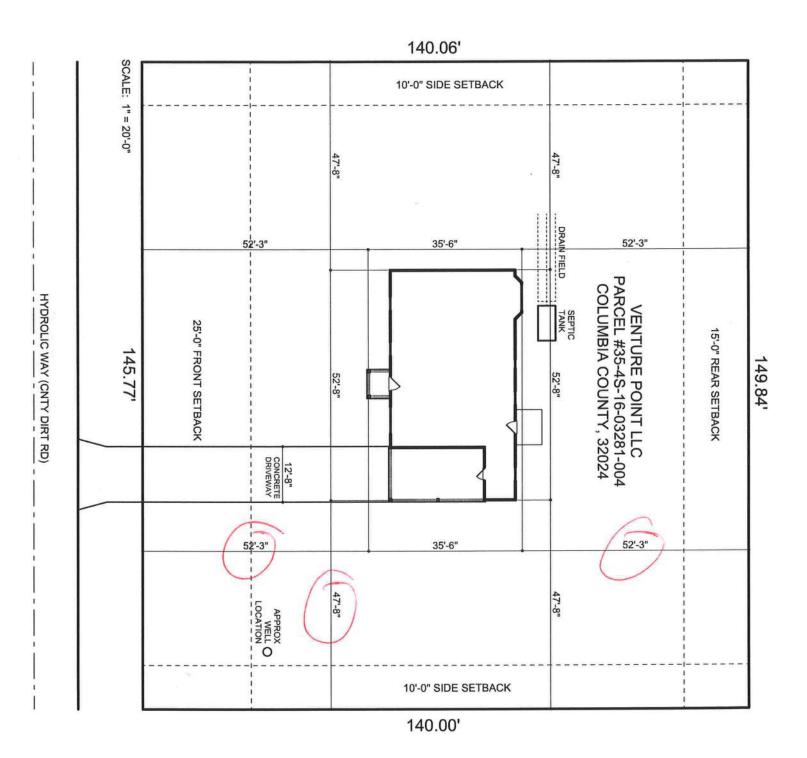
NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

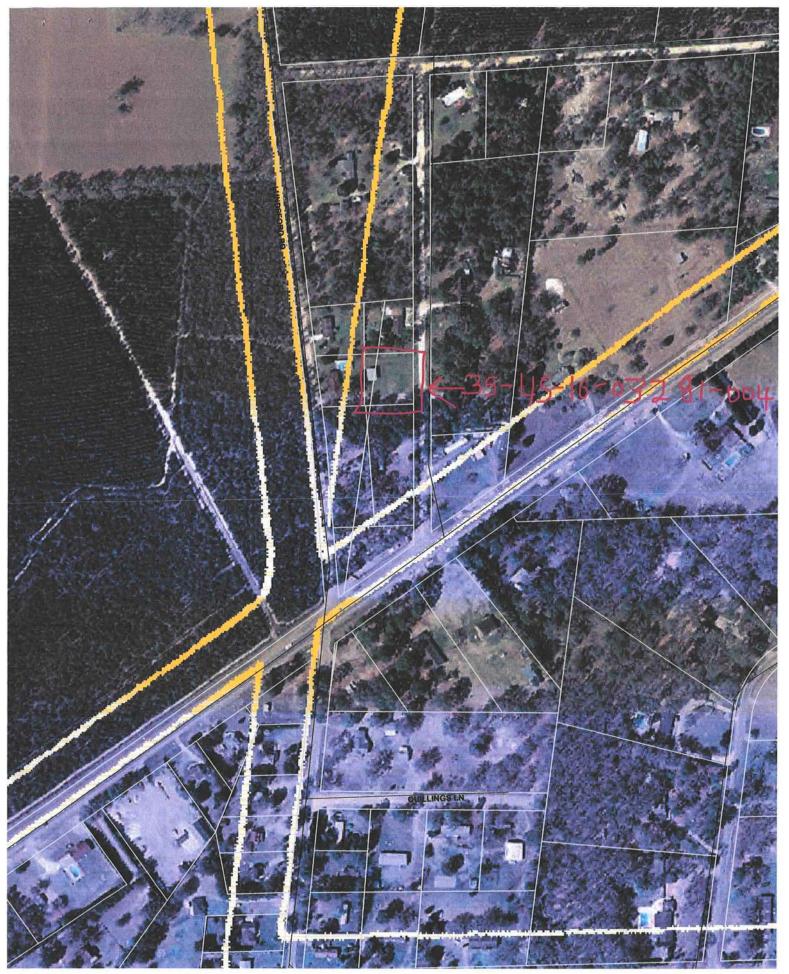
"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED TO BE IN ACTIVE PROGESS WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS.

0 1	Columbia County Building Permit Application
For Office Use C	Only Application # 0807-45 Date Received 1/18/08 By 7 Permit # 1666/27295
Zoning Official	211
Land Use	-3 Elevation MA MFE arell River N/A Plans Examiner Date \$/20/08
Comments	
NOC TEH E	Deed or PA Site Plan State Road Info Parent Parcel #
□ Dev Permit #_	□ In Floodway □ Letter of Authorization from Contractor
□ Unincorporate	ed area 🛮 Incorporated area 🗖 Town of Fort White 🗖 Town of Fort White Compliance letter
Septic Permit No	Parlain Wer cof Fax 386-719-4757
Name Authorized	d Person Signing Permit Samontha darrington Phone 386-719-7143
Address 125	Sw Midtown Pl Lake City, FL 32055
Owners Name	Venture Pointe, LLC Phone 386-255-0808
911 Address	18 SW Hydraulic Way, Lake City, Fl 32024
Contractors Nan	ne I saac Construction I scac Bratkovich Phone 386-719-7143
Address 125	Sw midton Pl Lake City, Fl 32055
Fee Simple Owne	er Name & Address
Bonding Co. Nar	me & Address None
Architect/Engine	eer Name & Address Mark Disaway PoBox 868 Lake City, Fl 32056
	ers Name & Address Capital City 4040 NW 16th Bld, Gainsville, Fl 3261
Gircle the correct	t power company – FL Power & Light – Clay Elec. – Suwannee Valley Elec. – Progress Energy
Property ID Numb	per 35-45-16-03281-004 Estimated Cost of Construction 65,000.00
Subdivision Nam	s SW SR47 to Sw Hydraulice Way. 3rd parcel
Driving Directions	5 SW SK 97 to SW Hydraulice way. 5 parcel
on lett.	
	Number of Existing Dwellings on Property
Construction of 1	Total Acreage . 470 Lot Size
	Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height
Actual Distance o	of Structure from Property Lines - Front 523 Side 428 Side 428 Rear 523
Number of Stories	s Heated Floor Area 1271 Total Floor Area 1561 Roof Pitch, 6/12
installation has co of all laws regulat	eby made to obtain a permit to do work and installations as indicated. I certify that no work or ommenced prior to the issuance of a permit and that all work be performed to meet the standards ting construction in this jurisdiction.
Page 1 of 2 (Both	Pages must be submitted together.) ISAAR CAlled ABUT Application 8.26.08  Revised 11-30-07

Ju called ISART DILL O . I - CL MERCIE





7807-45

Inst. Number: 200812004990 Book: 1145 Page: 1003 Date: 3/12/2008 Time: 1:53:00 PM Page 1 of 2

Prepared by & Return to:

Matthew D. Rocco
Sierra Title, LLC
619 SW Baya Drive, Suite 102
Lake City, Florida 32025

File Number: 07-0458

Inst:200812004990 Date:3/12/2008 Time:1:53 PM
Doc\_Stamp:Deed:87.50
DC,P.DeWitt Cason,Columbia County Page 1 of 2

#### General Warranty Deed

Made this March 4, 2008 A.D. By Isaac T. Mcbride and his wife, Michelle A. Mcbride, whose post office address is: 227 SW Lunsford Terrace, Lake City, Florida 32025-, hereinafter called the grantor, to Venture Pointe, LLC, a Florida Limited Liability Company, whose post office address is: P.O. Box 304, Lake City, Florida 32056, hereinafter called the grantee:

(Whenever used herein the term "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations)

Witnesseth, that the grantor, for and in consideration of the sum of Ten Dollars, (\$10.00) and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys and confirms unto the grantee, all that certain land situate in Columbia County, Florida, viz:

See Attached Schedule "A"

Parcel ID Number: R03281-004

Together with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

To Have and to Hold, the same in fee simple forever.

And the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances except taxes accruing subsequent to December 31, 2007.

In Witness Whereof, the said grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered in our presence:

		Isaac T. Mebride (Seal)
Witness Printed Name	Matthew D. Rocco	Address: 227 SW Lunsford Terrace, Lake City, Florida 32025-
Meluda_	(U) QU'EU MELINDA WEAVER	Michelle A. McBride  Address:  (Seal)
State of Florida		
County of Columbia		
	onally known to me or who has produced	s 4th day of March, 2008, by Isaac T. Mcbride and his wife, Michelle A. uced A Drivers License as identification.
The foregoing instrumer		uced A Drivers License as identification.

Inst. Number: 200812004990 Book: 1145 Page: 1004 Date: 3/12/2008 Time: 1:53:00 PM Page 2 of 2

#### Ticor Title Insurance

#### ALTA COMMITMENT

Agent's File Number: 07-0458A

Commitment Number: 07-0458

#### Schedule A, Continuation Pagè

COMMENCE AT THE NORTHEAST CORNER OF THE NE 1/4 OF THE SE 1/4, SECTION 35, TOWNSHIP 4 SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA, AND RUN S 87°16'30" W, A DISTANCE OF 20.00 FEET TO THE WEST SIDE OF A COUNTY GRADED ROAD, RUN THENCE S 00°16' 00"W, ALONG GRADED ROAD 796.78 FEET, TO THE P.O.B., RUN THENCE S 00°16' 00"W, 145.77 FEET, RUN THENCE S 88°36'00" W, 140.06 FEET; RUN THENCE N.00°16'00" E., 149.84 FEET; RUN THENCE S 89°44'00" E., 140.00 FEET TO THE POINT OF BEGINNING. BEING A PART OF THE NE 1/4 OF THE SE 1/4, SECTION 35, TOWNSHIP 4 SOUTH, RANGE 16 EAST., AND A PART OF THE NW 1/4 OF THE SW 1/4, SECTION 36, TOWNSHIP 4 SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA.



### **Columbia County Property Appraiser**

DB Last Updated: 4/15/2008

Parcel: 35-4S-16-03281-004

**Owner & Property Info** 

### 2008 Proposed Values

Tax Record

Property Card

Interactive GIS Map

Search Result: 1 of 1

Print

Owner's Name	VENTURE POINTE LLC						
Site Address							
Mailing Address	P O BOX 304 LAKE CITY, FL 32056						
Use Desc. (code)	NO AG ACRE (009900)						
Neighborhood	35416.03	Tax District	3				
UD Codes	MKTA01	Market Area	01				
Total Land Area	0.470 ACRES						
Description	COMM 20 FT W & 796.78 FT, S OF NE COR OF NE1/4 OF SE1/4 FOR POB, RUN S 145.77 FT, W 140.06 FT, N 149.84 FT, E 140 FT TO POB. ORB 361-150, 572-237 WD 1022-2997,						



#### **Property & Assessment Values**

WD 1145-1003

Mkt Land Value	cnt: (1)	\$13,806.00
Ag Land Value	cnt: (0)	\$0.00
<b>Building Value</b>	cnt: (0)	\$0.00
XFOB Value	cnt: (0)	\$0.00
Total Appraised Value		\$13,806.00

Just Value	\$13,806.00
Class Value	\$0.00
Assessed Value	\$13,806.00
Exempt Value	\$0.00
Total Taxable Value	\$13,806.00

#### **Sales History**

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
3/4/2008	1145/1003	WD	I	Q		\$12,500.00
8/6/2004	1022/2997	WD	I	Q		\$133,000.00

#### **Building Characteristics**

<b>Bldg Item</b>	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
			NONE			T.

#### **Extra Features & Out Buildings**

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
				NONE		

#### **Land Breakdown**

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
009900	AC NON-AG (MKT)	.470 AC	1.00/1.00/1.53/1.00	\$29,374.47	\$13,806.00

Columbia County Property Appraiser

DB Last Updated: 4/15/2008

1 of 1

#### Disclaimer

This information was derived from data which was compiled by the Columbia County Property Appraiser's Office solely for the government purpose of property assessment. The information shown is a **work in progress** and should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's Office. The assessed values are **NOT CERTIFIED** values and therefore are subject to change before finalized for ad-valorem assessment purposes.

#### Notice:

Under Florida Law, e-mail addresses are public record. If you do not want your e-mail address released in response to a public-records request, do not send electronic mail to this entity. Instead contact this office by phone or in writing.

Scroll to Top

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#### **COLUMBIA COUNTY 9-1-1 ADDRESSING**

P. O. Box 1787, Lake City, FL 32056-1787 PHONE: (386) 758-1125 \* FAX: (386) 758-1365 \* Email: ron\_croft@columbiacountyfla.com

#### **Addressing Maintenance**

To maintain the Countywide Addressing Policy you must make application for a 9-1-1 Address at the time you apply for a building permit. The established standards for assigning and posting numbers to all principal buildings, dwellings, businesses and industries are contained in Columbia County Ordinance 2001-9. The addressing system is to enable Emergency Service Agencies to locate you in an emergency, and to assist the United States Postal Service and the public in the timely and efficient provision of services to residents and businesses of Columbia County.

DATE REQUESTED:

7/9/2008

DATE ISSUED:

7/11/2008

**ENHANCED 9-1-1 ADDRESS:** 

198

SW HYDRAULIC

WAY

LAKE CITY

FL 32024

PROPERTY APPRAISER PARCEL NUMBER:

35-45-16-03281-004

Remarks:

Address Issued By:

Columbia County 9-1-1 Addressing / GIS Department

NOTICE: THIS ADDRESS WAS ISSUED BASED ON LOCATION INFORMATION RECEIVED FROM THE REQUESTER. SHOULD, AT A LATER DATE, THE LOCATION INFORMATION BE FOUND TO BE IN ERROR, THIS ADDRESS IS SUBJECT TO CHANGE.

1242

Nicklesor

www.sunbiz.org - Department of State

http://www.sunbiz.org/scripts/cordet.exe?action=DETFIL&inq\_doc...

## FLORIDA DEPARTMENT OF STATE DIVISION OF CORPORATIONS





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Entity Name Search

#### **Detail by Entity Name**

#### Florida Limited Liability Company

VENTURE POINTE, LLC

#### Filing Information

Document Number L05000021112

**FEI Number** 

N/A

**Date Filed** 

03/02/2005

State

FL

Status

**ACTIVE** 

#### **Principal Address**

POST OFFICE BOX 304 LAKE CITY FL 32056

#### Mailing Address

POST OFFICE BOX 304 LAKE CITY FL 32056

#### Registered Agent Name & Address

NICKELSON, AARON 426 SW COMMERCE DRIVE SUITE 130 LAKE CITY FL 32025 US

#### Manager/Member Detail

#### Name & Address

Title MGR

NICKELSON, AARON POST OFFICE BOX 304 LAKE CITY FL 32056 US

#### **Annual Reports**

#### Report Year Filed Date

2006

01/27/2006

2007

01/04/2007

#### Document Images

01/04/2007 -- ANNUAL REPORT

Mew mage in Plot format

www.sunbiz.org - Department of State

http://www.sunbiz.org/scripts/cordet.exe?action=DETFIL&inq\_doc...

01/27/2006 -- ANNUAL REPORT

View mage in PDF format

03/02/2005 -- Florida Limited Liability Wew Image in PDF format.

Note: This is not official record. See documents if question or conflict.

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No Name History

Entity Name Search

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### HALL'S PUMP & WELL SERVICE, INC.

SPECIALIZING IN 4"-6" WELLS



DONALD AND MARY HALL OWNERS PHONE (386) 752-1854 FAX (386) 755-7022 904 NW MAIN BLVD. LAKE CITY, FLORIDA 32055

July 17, 2008

Notice To All Contractors:

Please be advised that due to the new building codes we will Use a large capacity diaphragm tank on all new well. This will in sure a minimum of one (1) minute draw down or One (1) minute refill. If a smaller diaphragm tank is used then We will install a cycle stop valve which will produce the same Results. All wells will have a pump & tank combination that Will be sufficient enough for each situation.

If you have any questions please feel free to call our office.

Thank You,

Donald Hall

NOTICE OF COMMENCEMENT  Inst 200812013552 Date:7/18/2008 Time:4:05 PM  Of the control of 1 B:1154 P:25
Tax Parcel Identification Number 35 - 45 - 16 - 03281 - 004
THE UNDERSIGNED hereby gives notice that improvements will be made to certain real property, and in accordance with Section 713.13 of the Florida Statutes, the following information is provided in this NOTICE OF COMMENCEMENT.  Comm 20 FT W & 796. 78 FT, 5 of NE COL of NE V4 of SEI/4 For POB, Run 5 145.77 FT, W 140  1. Description of property (legal description): N 149, 84 FT, £ 140 FT TO POB, O(B.361-150, 572-237, W D 1022-2997, W D 1022
3. Owner Information a) Name and address: Venture Point, LLC Po Box 364 Lake City, Fl 32056 b) Name and address of fee simple titleholder (if other than owner) c) Interest in property Owner
4. Contractor Information  a) Name and address: TsaccConstruction, (IC 125 SWMid town P1 late C.ty FL 3)  b) Telephone No.: 386-719-7143  Fax No. (Opt.) 386-719-4757  5. Surety Information
a) Name and address: b) Amount of Bond: c) Telephone No.: Fax No. (Opt.)
a) Name and address: Capital City 4040 Now 164Blvd. Gainsvillee, Fl.32605 b) Phone No. 352-337-2236 7. Identity of person within the State of Florida designated by owner upon whom notices or other documents may be served:  a) Name and address:
b) Telephone No.: Fax No. (Opt.)
<ul> <li>8. In addition to himself, owner designates the following person to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b),</li> <li>Florida Statutes:</li> <li>a) Name and address:</li> </ul>
a) Name and address:  b) Telephone No.:  Fax No. (Opt.)
<ol> <li>Expiration date of Notice of Commencement (the expiration date is one year from the date of recording unless a different date is specified):</li> </ol>
WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY; A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.  STATE OF FLORIDA COUNTY OF COLUMBIA
Signature of Owner or Owner's Authorized Office/Director/Partner/Manager
Print Name Print Name
The foregoing instrument was acknowledged before me, a Florida Notary, this
fact) for Venture XO1 nt. LLC (name of party on behalf of whom instrument was executed).
Personally Known X OR Produced Identification Type
Notary Signature  BARBARA C. WEBSTER MY COMMISSION # DD 800888  EXPIRES: July 2, 2012 Bonded Thru Budget Notary Services
of trees, and page trees, and

-AND-11. Verification pursuant to Section 92.525, Florida Statutes. Under penalties of periform I to Section 92.525, Florida Statutes. Under penalties of periform I to Section 92.525, Florida Statutes. Under penalties of periform I to Section 92.525, Florida Statutes. Under penalties of periform I to Section 92.525, Florida Statutes. Under penalties of periform I to Section 92.525, Florida Statutes. Under penalties of periform I to Section 92.525, Florida Statutes. Under penalties of periform I to Section 92.525, Florida Statutes. Under penalties of periform I to Section 92.525, Florida Statutes. Under penalties of periform I to Section 92.525, Florida Statutes. Under penalties of periform I to Section 92.525, Florida Statutes. Under penalties of periform I to Section 92.525, Florida Statutes. Under penalties of periform I to Section 92.525, Florida Statutes. Under penalties of periform I to Section 92.525, Florida Statutes. Under penalties of periform I to Section 92.525, Florida Statutes. Under penalties of periform I to Section 92.525, Florida Statutes. Under penalties of periform I to Section 92.525, Florida Statutes. Under penalties of periform I to Section 92.525, Florida Statutes. Under penalties of periform I to Section 92.525, Florida Statutes. Under penalties of periform I to Section 92.525, Florida Statutes. Under penalties of periform I to Section 92.525, Florida Statutes. Under penalties of periform I to Section 92.525, Florida Statutes. Under penalties of periform I to Section 92.525, Florida Statutes. Under penalties of periform I to Section 92.525, Florida Statutes. Under penalties of periform I to Section 92.525, Florida Statutes. Under penalties of periform I to Section 92.525, Florida Statutes. Under penalties of periform I to Section 92.525, Florida Statutes. Under penalties of periform I to Section 92.525, Florida Statutes. Under penalties of penalties of

Signature of Natural Person Signing (in line #10 above.)

### **Residential System Sizing Calculation**

### Summary

Spec House SW Hydraulic Way Lake City, FL 32024Project Title: Venture Point LLC - Hydraulic Way

Code Only Professional Version Climate: North

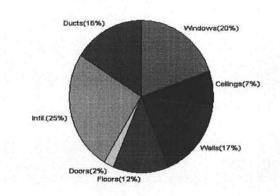
6/27/2008

Location for weather data: Gaine	sville - Def	aults: Latitu	ude(29) Altitude(152 ft.) Temp Ran	ge(M)	
Humidity data: Interior RH (50%	) Outdoor	wet bulb (7	7F) Humidity difference(54gr.)	T 10 100	
Winter design temperature	33	F	Summer design temperature	92	F
Winter setpoint	70	F	Summer setpoint	75	F
Winter temperature difference	37	F	Summer temperature difference	17	F
Total heating load calculation	21803	Btuh	Total cooling load calculation	32979	Btuh
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	119.3	26000	Sensible (SHR = 0.75)	73.4	19500
Heat Pump + Auxiliary(0.0kW)	119.3	26000	Latent	101.4	6500
			Total (Electric Heat Pump)	78.8	26000

#### WINTER CALCULATIONS

Winter Heating Load (for 1271 sqft)

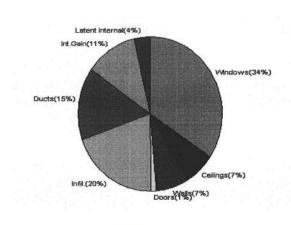
Load component			Load	
Window total	134	sqft	4313	Btuh
Wall total	1138	sqft	3737	Btuh
Door total	40	sqft	518	Btuh
Ceiling total	1350	sqft	1591	Btuh
Floor total	164	sqft	2682	Btuh
Infiltration	136	cfm	5492	Btuh
Duct loss		1	3470	Btuh
Subtotal			21803	Btuh
Ventilation	0	cfm	0	Btuh
TOTAL HEAT LOSS	9,00		21803	Btuh



### **SUMMER CALCULATIONS**

Summer Cooling Load (for 1271 sqft)

Load component			Load	
Window total	134	sqft	11376	Btuh
Wall total	1138	sqft	2374	Btuh
Door total	40	sqft	392	Btuh
Ceiling total	1350	sqft	2236	Btuh
Floor total			0	Btuh
Infiltration	119	cfm	2208	Btuh
Internal gain		3	3780	Btuh
Duct gain		- 1	4204	Btuh
Sens. Ventilation	0	cfm	0	Btuh
Total sensible gain			26569	Btuh
Latent gain(ducts)		- 1	874	Btuh
Latent gain(infiltration)		1	4335	Btuh
Latent gain(ventilation)	0	Btuh		
Latent gain(internal/occ	1200	Btuh		
Total latent gain	70	10	6410	Btuh
TOTAL HEAT GAIN			32979	Btuh



Version 8
For Florida residences only

EnergyGauge® System Sizing
PREPARED BY:
DATE:

EnergyGauge® FLRCPB v4.5.2

### **System Sizing Calculations - Winter**

### Residential Load - Whole House Component Details

Spec House SW Hydraulic Way Lake City, FL 32024Project Title: Venture Point LLC - Hydraulic Way

Code Only Professional Version Climate: North

Reference City: Gainesville (Defaults) Winter Temperature Difference: 37.0 F

6/27/2008

#### **Component Loads for Whole House**

	T	-1			
Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	W	30.0	32.2	966 Btuh
2	2, Clear, Metal, 0.87	W	6.0	32.2	193 Btuh
3	2, Clear, Metal, 0.87	W	18.0	32.2	579 Btuh
4	2, Clear, Metal, 0.87	W	20.0	32.2	644 Btuh
5	2, Clear, Metal, 0.87	E	60.0	32.2	1931 Btuh
	Window Total		134(sqft)		4313 Btuh
Walls	Туре	R-Value	Area X	HTM=	Load
-1	Frame - Wood - Ext(0.09)	13.0	1138	3.3	3737 Btuh
	Wall Total		1138		3737 Btuh
Doors	Туре		Area X	HTM=	Load
1	Insulated - Exterior		40	12.9	518 Btuh
	Door Total		40		518Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin	30.0	1350	1.2	1591 Btuh
	Ceiling Total		1350		1591Btuh
Floors	Туре	R-Value	Size X	HTM=	Load
1	Slab On Grade	5	164.0 ft(p)	16.4	2682 Btuh
	Floor Total		164		2682 Btuh
			Envelope S	ubtotal:	12842 Btuh
Infiltration	Туре	ACH X Vo	lume(cuft) walls(sq	ft) CFM=	
	Natural	0.80	10168 1138	135.6	5492 Btuh
Ductload		174	(C	DLM of 0.189)	3470 Btuh
All Zones		21803 Btul			

3	WHO	100				
1	$\mathbf{w}$	100 m	HOL	5 -	HOT	

Subtotal Sensible Ventilation Sensible Total Btuh Loss	21803 Btuh 0 Btuh 21803 Btuh
--	------------------------------------

### **Manual J Winter Calculations**

Residential Load - Component Details (continued)

Spec House SW Hydraulic Way Lake City, FL 32024Project Title: Venture Point LLC - Hydraulic Way Code Only Professional Version Climate: North

6/27/2008

EQUIPMENT		
Electric Heat Pump	#	26000 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(Frame types - metal, wood or insulated metal)
(U - Window U-Factor or 'DEF' for default)
(HTM - ManualJ Heat Transfer Multiplier)
Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)



Version 8 For Florida residences only

## **System Sizing Calculations - Winter**

## Residential Load - Room by Room Component Details Project Title: Code C

Spec House SW Hydraulic Way Lake City, FL 32024-

Venture Point LLC - Hydraulic Way

Code Only Professional Version Climate: North

Reference City: Gainesville (Defaults) Winter Temperature Difference: 37.0 F

6/27/2008

#### Component Loads for Zone #1: Main

	I				
Window	Panes/SHGC/Frame/U	Orientation		HTM=	Load
1	2, Clear, Metal, 0.87	W	30.0	32.2	966 Btuh
2	2, Clear, Metal, 0.87	W	6.0	32.2	193 Btuh
3	2, Clear, Metal, 0.87	W	18.0	32.2	579 Btuh
4	2, Clear, Metal, 0.87	W	20.0	32.2	644 Btuh
5	2, Clear, Metal, 0.87	E	60.0	32.2	1931 Btuh
	Window Total		134(sqft)		4313 Btuh
Walls	Туре	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1138	3.3	3737 Btuh
	Wall Total		1138		3737 Btuh
Doors	Туре		Area X	HTM=	Load
1	Insulated - Exterior		40	12.9	518 Btuh
	Door Total		40		518Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin	30.0	1350	1.2	1591 Btuh
	Ceiling Total		1350		1591Btuh
Floors	Туре	R-Value	Size X	HTM=	Load
1	Slab On Grade	5	164.0 ft(p)	16.4	2682 Btuh
	Floor Total		164		2682 Btuh
		Z	Zone Envelope Su	ıbtotal:	12842 Btuh
Infiltration	Туре	ACH X Vol	ume(cuft) walls(sqf	t) CFM=	
	Natural	0.80	10168 1138	135.6	5492 Btuh
Ductload	Average sealed, Supply(R6	LM of 0.189)	3470 Btuh		
Zone #1		21803 Btuh			

WHOLE HOUSE TOTALS		
	Subtotal Sensible Ventilation Sensible	21803 Btuh 0 Btuh 21803 Btuh

### **Manual J Winter Calculations**

### Residential Load - Component Details (continued)

Spec House SW Hydraulic Way Lake City, FL 32024Project Title: Venture Point LLC - Hydraulic Way Code Only Professional Version Climate: North

6/27/2008

EQUIPMENT		
Electric Heat Pump	#	26000 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(Frame types - metal, wood or insulated metal)
(U - Window U-Factor or 'DEF' for default)
(HTM - ManualJ Heat Transfer Multiplier)
Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)



Version 8 For Florida residences only

### **System Sizing Calculations - Summer**

### Residential Load - Whole House Component Details

Spec House SW Hydraulic Way Lake City, FL 32024Project Title: Venture Point LLC - Hydraulic Way Code Only Professional Version Climate: North

Reference City: Gainesville (Defaults)

Summer Temperature Difference: 17.0 F

6/27/2008

#### **Component Loads for Whole House**

	Type*		Over	hang	Wine	dow Are	a(sqft)	ŀ	HTM	Load	
Window	Pn/SHGC/U/InSh/ExSh/IS	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1 2	2, Clear, 0.87, None,N,N 2, Clear, 0.87, None,N,N	W	1.5ft 1.5ft	8ft. 8ft.	30.0 6.0	0.0	30.0 6.0	29 29	80 80	2385 477	Btuh Btuh
3	2, Clear, 0.87, None, N, N	W	1.5ft	8ft.	18.0	0.0	18.0	29	80	1431	Btuh
4	2, Clear, 0.87, None,N,N	W	1.5ft	8ft.	20.0	0.0	20.0	29	80	1590	Btuh
5	2, Clear, 0.87, None,N,N Excursion	Е	1.5ft	8ft.	60.0	0.0	60.0	29	80	4771 721	Btuh Btuh
	Window Total				134 (	sqft)				11376	Btuh
Walls	Туре		R-Va	alue/U	-Value	Area	(sqft)		HTM	Load	
1	Frame - Wood - Ext			13.0/	0.09	113	38.0		2.1	2374	Btuh
	Wall Total					113	38 (sqft)			2374	Btuh
Doors	Туре						(sqft)		HTM	Load	
1	Insulated - Exterior						0.0		9.8	392	Btuh
	Door Total					4	40 (sqft)		070000	392	Btuh
Ceilings	Type/Color/Surface		R-Value			(sqft)		HTM	Load		
1	Vented Attic/DarkShingle		20000 707	30.0 1350.0			1.7		Btuh		
2.00	Ceiling Total			00.0		- 200	50 (sqft)			2236	
Floors	Туре		R-Va	alue			ize		НТМ	Load	
1	Slab On Grade			5.0		1	64 (ft(p))		0.0	0	Btuh
	Floor Total						.0 (sqft)			0	Btuh
						Е	nvelope	Subtota	al:	16377	Btuh
Infiltration	Туре		А	CH	Volum	e(cuft)	wall area	(sqft)	CFM=	Load	
	SensibleNatural			0.70		10168	1138		135.6	2208	Btuh
Internal			Occup	ants		Btuh/o	ccupant		Appliance	Load	
gain				6		X 23	30 +		2400	3780	Btuh
						S	ensible E	Envelop	e Load:	22365	Btuh
Duct load							(DG	M of 0.1	188)	4204	Btuh
						Se	nsible L	oad All	Zones	26569	Btuh

### **Manual J Summer Calculations**

Residential Load - Component Details (continued)

Spec House SW Hydraulic Way Lake City, FL 32024-

Project Title: Venture Point LLC - Hydraulic Way Code Only Professional Version Climate: North

6/27/2008

#### WHOLE HOUSE TOTALS

		1	_
	Sensible Envelope Load All Zones	22365	Btu
	Sensible Duct Load	4204	Btu
	Total Sensible Zone Loads	26569	Btu
	Sensible ventilation	0	Btu
	Blower	0	Btu
Whole House	Total sensible gain	26569	Btu
<b>Totals for Cooling</b>	Latent infiltration gain (for 54 gr. humidity difference)	4335	Btu
	Latent ventilation gain	0	Btu
	Latent duct gain	874	Btu
	Latent occupant gain (6 people @ 200 Btuh per person)	1200	Btu
	Latent other gain	0	Btu
	Latent total gain	6410	Btu
	TOTAL GAIN	32979	Btu

EQUIPMENT		
1. Central Unit	#	26000 Btuh

\*Key: Window types (Pn - Number of panes of glass)

(SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(U - Window U-Factor or 'DEF' for default)

(InSh - Interior shading device: none(N), Blinds(B), Draperies(D) or Roller Shades(R))

(ExSh - Exterior shading device: none(N) or numerical value)

(BS - Insect screen: none(N), Full(F) or Half(H))

(Ornt - compass orientation)



Version 8 For Florida residences only

### **System Sizing Calculations - Summer**

### Residential Load - Room by Room Component Details

Spec House SW Hydraulic Way Lake City, FL 32024Project Title: Venture Point LLC - Hydraulic Way Code Only Professional Version Climate: North

Reference City: Gainesville (Defaults)

Summer Temperature Difference: 17.0 F

6/27/2008

#### Component Loads for Zone #1: Main

	Type*	Overhang Window Area(sqft)				H	HTM	Load			
Window	Pn/SHGC/U/InSh/ExSh/IS	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1 2	2, Clear, 0.87, None,N,N 2, Clear, 0.87, None,N,N	W W	1.5ft 1.5ft	8ft. 8ft.	30.0 6.0	0.0 0.0	30.0 6.0	29 29	80 80	2385 477	
3 4 5	2, Clear, 0.87, None,N,N 2, Clear, 0.87, None,N,N 2, Clear, 0.87, None,N,N Window Total	W W E	1.5ft 1.5ft 1.5ft	8ft. 8ft. 8ft.	18.0 20.0 60.0 134 (	0.0 0.0 0.0 saft)	18.0 20.0 60.0	29 29 29	80 80 80	1431 1590 4771 10655	Btuh
Walls	Туре		R-Value/U-Value Area(sqft) HTM					Load			
1	Frame - Wood - Ext Wall Total			13.0/	0.09	113			2.1	2374 2374	Btuh Btuh
Doors	Type					Area (sqft) HTM				Load	
1	Insulated - Exterior Door Total					40.0 sqft)			9.8		Btuh Btuh
Ceilings	Type/Color/Surface		R-Va	alue		Area	(sqft)		HTM	Load	
1	Vented Attic/DarkShingle Ceiling Total			30.0		- 1000	50.0 50 (sqft)		1.7	2236 2236	Btuh Btuh
Floors	Туре		R-Va	alue		Si	ze		HTM	Load	
1	Slab On Grade Floor Total			5.0		164 (ft(p)) 164.0 (sqft)			0.0	0 Btu 0 Btu	
						Z	one Enve	elope Si	ubtotal:	15657	Btuh
Infiltration	Type SensibleNatural		Α	0.70	Volum	ne(cuft) 10168	wall area	(sqft)	CFM= 118.6	Load 2208	Btuh
Internal gain			Occup	oants 6		Btuh/od X 23	ccupant 0 +	,	Appliance 2400	Load 3780	Btuh
						S	ensible E	Envelop	e Load:	21644	Btuh
Duct load	Average sealed, Supply	(R6.0-	Attic),	Retu	rn(R6.0	-Attic)		(DGM	of 0.188)	4069	Btuh
							Sensib	le Zone	e Load	25713	Btuh

#### The following window Excursion will be assigned to the system loads.

Duct load		Sensible Excursion Load	135 Btuh 856 Btuh
		Excursion Subtotal.	***************************************
Windows	July excursion for System 1	Excursion Subtotal:	721 Btuh 721 Btuh

### **Manual J Summer Calculations**

Residential Load - Component Details (continued)

Spec House SW Hydraulic Way Lake City, FL 32024-

Project Title: Venture Point LLC - Hydraulic Way Code Only **Professional Version** Climate: North

6/27/2008

#### WHOLE HOUSE TOTALS

	Sensible Envelope Load All Zones	22365	Btuh
	Sensible Duct Load		Btuh
	Total Sensible Zone Loads	26569	Btuh
	Sensible ventilation	0	Btuh
	Blower	0	Btuh
Whole House	Total sensible gain	26569	Btuh
<b>Totals for Cooling</b>	Latent infiltration gain (for 54 gr. humidity difference)	4335	Btuh
	Latent ventilation gain	0	Btuh
	Latent duct gain	874	Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200	Btuh
	Latent other gain	0	Btuh
	Latent total gain	6410	Btuh
	TOTAL GAIN	32979	Btuh

EQUIPMENT		
1. Central Unit	#	26000 Btuh

\*Key: Window types (Pn - Number of panes of glass)

(SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(U - Window U-Factor or 'DEF' for default) (InSh - Interior shading device: none(N), Blinds(B), Draperies(D) or Roller Shades(R)) (ExSh - Exterior shading device: none(N) or numerical value)

(BS - Insect screen: none(N), Full(F) or Half(H))

(Ornt - compass orientation)



Version 8 For Florida residences only

## **Residential Window Diversity**

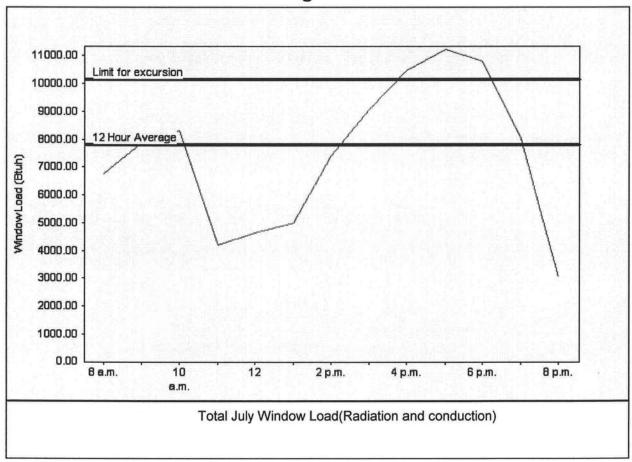
#### MidSummer

Spec House SW Hydraulic Way Lake City, FL 32024Project Title: Venture Point LLC - Hydraulic Way Code Only Professional Version Climate: North

6/27/2008

Weather data for: Gainesville - Defaults											
	NAME OF TAXABLE PARTY.			0							
Summer design temperature	92	F	Average window load for July	7817 Btuh							
Summer setpoint	75	F	Peak window load for July	11214 Btu							
Summer temperature difference	17	F	Excusion limit(130% of Ave.)	10163 Btu							
Latitude	29	North	Window excursion (July)	1052 Btuh							

### **WINDOW Average and Peak Loads**

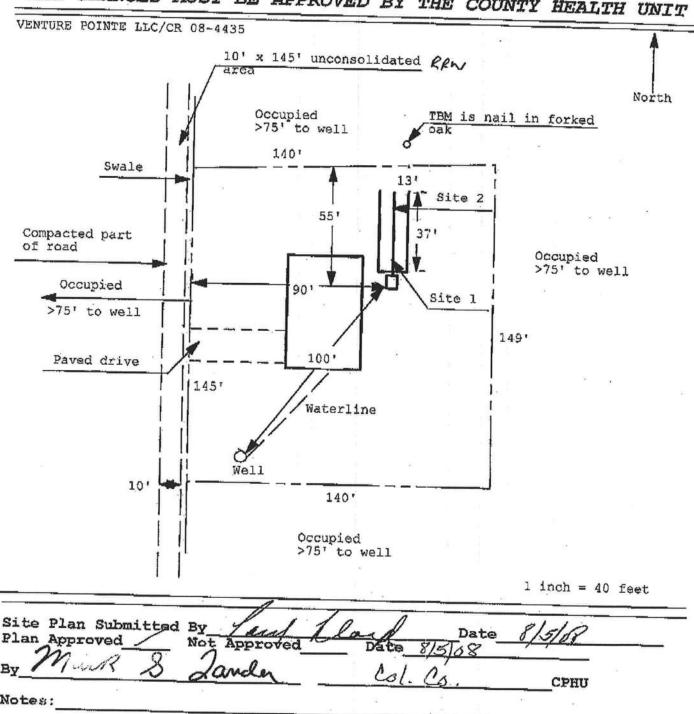


Warning: This application has glass areas that produce relatively large heat gains for part of the day. Variable air volume devices may be required to overcome spikes in solar gain for one or more rooms. A zoned system may be required or some rooms may require zone control.



### Application for Onsite Sewage Disposal System Construction Permit. Part II Site Plan Permit Application Number:

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT



Plan Approved Notes:

Project Name:

PREPARED BY:

DATE:

with the Florida Energy Code.

OWNER/AGENT:

## FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Builder:

with the Florida Energy Code.

BUILDING OFFICIAL:

Florida Statutes.

Before construction is completed this building will be inspected for compliance with Section 553.908

Venture Point LLC - Hydraulic Way

RAN 5 15	draulic Way ity, FL 32024- louse	Permitting Office: 272  Permit Number: 272  Jurisdiction Number: 27	95
a. U-factor:	nily 1	12. Cooling systems a. Central Unit b. N/A c. N/A  13. Heating systems a. Electric Heat Pump b. N/A c. N/A  14. Hot water systems a. Electric Resistance b. N/A  c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)  15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	Cap: 26.0 kBtu/hr SEER: 13.00
Glass/Floor	Area: 0.11 Total as-built p		
I hereby certify that the plans this calculation are in complia Code.	and specifications covered by nce with the Florida Energy	Review of the plans and specifications covered by this calculation indicates compliance	THE STATE OF

1 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.

EnergyGauge® (Version: FLRCPB v4.5.2)

I hereby certify that this building, as designed, is in compliance

### **SUMMER CALCULATIONS**

### Residential Whole Building Performance Method A - Details

ADDRESS: SW Hydraulic Way, Lake City, FL, 32024-

PERMIT #:

BASE	AS-BUILT								
GLASS TYPES .18 X Conditioned X BSPM = Points Floor Area	Overhang Type/SC Ornt Len	Hgt Area X SPM X SOF	= Points						
.18 1271.0 18.59 4253.0	1.Double, Clear W 1.5 2.Double, Clear W 1.5 3.Double, Clear W 1.5 4.Double, Clear W 1.5 5.Double, Clear E 1.5  As-Built Total:	8.0 30.0 38.52 0.96 8.0 6.0 38.52 0.96 8.0 18.0 38.52 0.96 8.0 20.0 38.52 0.96 8.0 60.0 42.06 0.96	1107.0 221.0 664.0 738.0 2416.0						
WALL TYPES Area X BSPM = Points	Type R-	Value Area X SPM =	Points						
Adjacent         0.0         0.00         0.0           Exterior         1138.0         1.70         1934.6	1. Frame, Wood, Exterior	13.0 1138.0 1.50	1707.0						
Base Total: 1138.0 1934.6	As-Built Total:	1138.0	1707.0						
<b>DOOR TYPES</b> Area X BSPM = Points	Туре	Area X SPM =	Points						
Adjacent         0.0         0.00         0.0           Exterior         40.0         6.10         244.0	1.Exterior Insulated	40.0 4.10	164.0						
Base Total: 40.0 244.0	As-Built Total:	40.0	164.0						
CEILING TYPES Area X BSPM = Points	Type R-Valu	e Area X SPM X SCM =	Points						
Under Attic 1271.0 1.73 2198.8	1. Under Attic	30.0 1350.0 1.73 X 1.00	2335.5						
Base Total: 1271.0 2198.8	As-Built Total:	1350.0	2335.5						
FLOOR TYPES Area X BSPM = Points	Type R-	Value Area X SPM =	Points						
Slab 164.0(p) -37.0 -6068.0 Raised 0.0 0.00 0.0	Slab-On-Grade Edge Insulation	5.0 164.0(p -36.20	-5936.8						
Base Total: -6068.0	As-Built Total:	164.0	-5936.8						
INFILTRATION Area X BSPM = Points		Area X SPM =	Points						
1271.0 10.21 12976.9		1271.0 10.21	12976.9						

### **SUMMER CALCULATIONS**

### Residential Whole Building Performance Method A - Details

ADDRESS: SW Hydraulic Way, Lake City, FL, 32024- PERMIT #:

	BASE		AS-BUILT							
Summer Ba	se Points: 1	5539.3	Summer As-Built Points:	16392.6						
Total Summer Points	X System = Multiplier	Cooling Points	Total X Cap X Duct X System X Credit = Component Ratio Multiplier Multiplier Multiplier (System - Points) (DM x DSM x AHU)	Cooling Points						
15539.3	0.3250	5050.3	(sys 1: Central Unit 26000btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(INS)       16393     1.00     (1.09 x 1.147 x 0.91)     0.260     0.950       16392.6     1.00     1.138     0.260     0.950	4606.6 <b>4606.6</b>						

### WINTER CALCULATIONS

### Residential Whole Building Performance Method A - Details

ADDRESS: SW Hydraulic Way, Lake City, FL, 32024-

PERMIT #:

BASE	AS-BUILT								
GLASS TYPES .18 X Conditioned X BWPM = Points Floor Area	Type/SC		rhang Len	Hgt	Area X	WF	PM X	WOF	= Points
.18 1271.0 20.17 4614.0	1.Double, Clear	W	1.5	8.0	30.0	2	20.73	1.01	628.0
•	2.Double, Clear	W	1.5	8.0	6.0		20.73	1.01	125.0
*.	3.Double, Clear	W	1.5	8.0			20.73	1.01	377.0
	4.Double, Clear	W	1.5	8.0			20.73	1.01	419.0
	5.Double, Clear	Е	1.5	8.0	60.0	1	18.79	1.02	1149.0
	As-Built Total:				134.0				2698.0
WALL TYPES Area X BWPM = Points	Туре		R-	Value	Area	Х	WPN	<b>1</b> =	Points
Adjacent         0.0         0.00         0.0           Exterior         1138.0         3.70         4210.6	1. Frame, Wood, Exterior			13.0	1138.0		3.40		3869.2
Base Total: 1138.0 4210.6	As-Built Total:				1138.0				3869.2
DOOR TYPES Area X BWPM = Points	Туре				Area	Х	WPN	1 =	Points
Adjacent 0.0 0.00 0.0	1.Exterior Insulated				40.0		8.40		336.0
Exterior 40.0 12.30 492.0									(2000)
Base Total: 40.0 492.0	As-Built Total:				40.0				336.0
CEILING TYPES Area X BWPM = Points	Туре	R-	-Value	. Ar	ea X W	PΜ	x wo	CM =	Points
Under Attic 1271.0 2.05 2605.6	1. Under Attic			30.0	1350.0	2.05	X 1.00		2767.5
Base Total: 1271.0 2605.6	As-Built Total:				1350.0				2767.5
FLOOR TYPES Area X BWPM = Points	Туре		R-	Value	Area	Х	WPN	1 =	Points
Slab 164.0(p) 8.9 1459.6	1. Slab-On-Grade Edge Insu	ulation		5.0	164.0(p		7.60		1246.4
Raised 0.0 0.00 0.0									
Base Total: 1459.6	As-Built Total:				164.0				1246.4
INFILTRATION Area X BWPM = Points					Area	Х	WPN	1 =	Points
1271.0 -0.59 -749.9					1271.0	0	-0.59	)	-749.9

### **WINTER CALCULATIONS**

### Residential Whole Building Performance Method A - Details

ADDRESS: SW Hydraulic Way, Lake City, FL, 32024- PERMIT #:

	BASE		AS-BUILT								
Winter Base	Points:	12631.9	Winter As-Built Points: 10167.2								
Total Winter X Points	System = Multiplier	Heating Points	Total X Cap X Duct X System X Credit = Heating Component Ratio Multiplier Multiplier Multiplier Points (System - Points) (DM x DSM x AHU)								
12631.9	0.5540	6998.1	(sys 1: Electric Heat Pump 26000 btuh ,EFF(7.7) Ducts:Unc(S),Unc(R),Int(AH),R6.0 10167.2 1.000 (1.069 x 1.169 x 0.93) 0.443 0.950 4971.2 10167.2 1.00 1.162 0.443 0.950 4971.2								

### **WATER HEATING & CODE COMPLIANCE STATUS**

### Residential Whole Building Performance Method A - Details

ADDRESS: SW Hydraulic Way, Lake City, FL, 32024-

PERMIT #:

	BASE					AS-BUILT								
WATER HEA Number of Bedrooms	TING X	Multiplier	=	Total	Tank Volume	EF	Number of Bedrooms	х	Tank X Ratio	Multiplier		Credit Iultiplie		Total
3		2635.00		7905.0	50.0	0.90	3		1.00	2693.56		1.00		8080.7
					As-Built To	otal:							1	8080.7

	CODE COMPLIANCE STATUS												
BASE							AS-BUILT						
Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points
5050		6998		7905		19953	4607		4971		8081		17658

**PASS** 



### **Code Compliance Checklist**

### Residential Whole Building Performance Method A - Details

ADDRESS: SW Hydraulic Way, Lake City, FL, 32024-

PERMIT #:

#### **6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST**

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	606.1.ABC.1.1	Maximum:.3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Exterior & Adjacent Walls	606.1.ABC.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	
Floors	606.1.ABC.1.2.2	Penetrations/openings >1/8" sealed unless backed by truss or joint members.  EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	
Ceilings	606.1.ABC.1.2.3	Between walls & ceilings; penetrations of ceiling plane of top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.	
Recessed Lighting Fixtures	606.1.ABC.1.2.4	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC rated with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	606.1.ABC.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	606.1.ABC.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

#### 6A-22 OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 612.1.ABC.3.2. Switch or clearly marked cir breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

# ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

#### ESTIMATED ENERGY PERFORMANCE SCORE\* = 86.5

The higher the score, the more efficient the home.

Spec House, SW Hydraulic Way, Lake City, FL, 32024-

1.	New construction or existing	New	12	. Cooling systems		
2.	Single family or multi-family	Single family	_	a. Central Unit	Cap: 26.0 kBtu/hr	_
3.	Number of units, if multi-family	1	_		SEER: 13.00	_
4.	Number of Bedrooms	3		b. N/A		_
5.	Is this a worst case?	No	_			_
6.	Conditioned floor area (ft2)	1271 ft <sup>2</sup>		c. N/A	ě.	
7.	Glass type 1 and area: (Label reqd.	by 13-104.4.5 if not default)				
a.	U-factor:	Description Area	13	. Heating systems		
	(or Single or Double DEFAULT)		Garage Comment	a. Electric Heat Pump	Cap: 26.0 kBtu/hr	_
b.	SHGC:				HSPF: 7.70	
	(or Clear or Tint DEFAULT)	7b. (Clear) 134.0 ft <sup>2</sup>		b. N/A		_
8.	Floor types					_
a.	Slab-On-Grade Edge Insulation	R=5.0, 164.0(p) ft		c. N/A		$\equiv$
b.	N/A					
c.	N/A		14	. Hot water systems		
9.	Wall types			a. Electric Resistance	Cap: 50.0 gallons	_
a.	Frame, Wood, Exterior	R=13.0, 1138.0 ft <sup>2</sup>			EF: 0.90	
b.	N/A			b. N/A		_
c.	N/A		10000			
d.	N/A		1991 1973	c. Conservation credits		
e.	N/A			(HR-Heat recovery, Solar		
10.	Ceiling types		_	DHP-Dedicated heat pump)		
	Under Attic	R=30.0, 1350.0 ft <sup>2</sup>	15	. HVAC credits	PT,	
b.	N/A	E. ADDOLAND BUDDEN AND E. DU TWARD WALL TO AND TO A		(CF-Ceiling fan, CV-Cross ventilation,	0	
c.	N/A			HF-Whole house fan,		
11.	Ducts		_	PT-Programmable Thermostat,		
a.	Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 35.0 ft		MZ-C-Multizone cooling,		
	N/A			MZ-H-Multizone heating)		
			_	5		
I ce	rtify that this home has complie	ed with the Florida Energ	y Efficienc	cy Code For Building	THE CT.	
Con	struction through the above en	ergy saving features which	h will be i	nstalled (or exceeded)	OFTEN	
	his home before final inspection					A
	ed on installed Code compliant			nan karan karan karan karan da karan k	5 mm s	3#
	lder Signature:	overses visit de de Saltinos	Date:			5
201						
						4

\*NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs at 850/487-1824.

City/FL Zip:

1 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4. EnergyGauge® (Version: FLRCPB v4.5.2)

Address of New Home:

# FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

City, State:   Lake City, FL   Curtis Tony	Project Name			Builder:	
Description   Single family	Address:	209 SW Farlington Cour	t	Permitting Office: Count	nah _
Description   Single family	City, State:	Lake City, FL		Permit Number: こつ	295
1. New construction or existing   New   2. Single family   Single family   Single family   1   4. Number of Bedrooms   3   5. Is this a worst case?   Yes   6. Conditioned floor area (ft²)   7a. (Dble Default)   312.0 ft²   6. SHGC: (or Clear or Tint DEFAULT)   7b. (Clear)   312.0 ft²   7b. SHGC: (or Clear or Tint DEFAULT)   7b. (Clear)   312.0 ft²   7c. N/A   1. Hot water systems   a. Electric Resistance   Cap: 42.0 kBtu/hr   SEER: 13.00   7c. N/A   1. Hot water systems   a. Electric Resistance   Cap: 42.0 kBtu/hr   SEER: 13.00   7c. N/A   1. Hot water systems   a. Electric Resistance   Cap: 42.0 kBtu/hr   1. Hot water systems   a. Electric Resistance   Cap: 42.0 kBtu/hr   1. Hot water systems   a. Electric Resistance   Cap: 42.0 kBtu/hr   1. Hot water systems   a. Electric Resistance   Cap: 42.0 kBtu/hr   1. Hot water systems   a. Electric Resistance   Cap: 42.0 kBtu/hr   1. Hot water systems   a. Electric Resistance   Cap: 42.0 kBtu/hr   1. Hot water systems   a. Electric Resistance   Cap: 42.0 kBtu/hr   1. Hot water systems   a. Electric Resistance   Cap: 42.0 kBtu/hr   1. Hot water systems   a. Electric Resistance   Cap: 42.0 kBtu/hr   1. Hot water systems   a. Electric Resistance   Cap: 42.0 kBtu/hr   1. Hot water systems   a. Electric Resistance   Cap: 42.0 kBtu/hr   1. Hot water systems   a. Electric Resistance   Cap: 42.0 kBtu/hr   1. Hot water systems   a. Electric Resistance   Cap: 40.0 gallons   EF: 0.93   b. N/A   1. Hot water systems   a. Electric Resistance   Cap: 40.0 gallons   EF: 0.93   b. N/A   1. Hot water systems   a. Electric Resistance   Cap: 40.0 gallons   EF: 0.93   b. N/A   1. Hot water systems   a. Electric Resistance   Cap: 40.0 gallons   EF: 0.93   b. N/A   1. Hot water systems   a. Electric Resistance   Cap: 40.0 gallons   EF: 0.93   b. N/A   1. Hot water systems   a. Electric Resistance   Cap: 40.0 gallons   EF: 0.93   b. N/A   1. Hot water systems   a. Electric Resistance   Cap: 40.0 gallons   EF: 0.93   b. N/A   1. Hot water systems   a. Electric Resistance   Cap: 40.0 gallons	Owner:	<b>Curtis Tony</b>			
2. Single family or multi-family 3. Number of units, if multi-family 4. Number of Bedrooms 5. Is this a worst case? 5. Is this a worst case? 6. Conditioned floor area (ft²) 7. Glass type¹ and area: (Label redd. by 13-104.4.5 if not default) a. U-factor:	Climate Zone			_	-21000
2. Single family or multi-family 3. Number of units, if multi-family 4. Number of Bedrooms 5. Is this a worst case? 5. Is this a worst case? 6. Conditioned floor area (ft²) 7. Glass type¹ and area: (Label redd. by 13-104.4.5 if not default) a. U-factor:					
3. Number of units, if multi-family 4. Number of Bedrooms 3	1. New constr	uction or existing	New	12. Cooling systems	
4. Number of Bedrooms 5. Is this a worst case? 6. Conditioned floor area (ft²) 7. Glass type¹ and area: (Label reqd. by 13-104.4.5 if not default) a. U-factor:	<ol><li>Single fami</li></ol>	ly or multi-family Si	ngle family	a. Central Unit	Cap: 42.0 kBtu/hr
5. Is this a worst case? 6. Conditioned floor area (ft²) 7. Glass type¹ and area: (Label reqd. by 13-104.4.5 if not default) a. U-factor:	<ol><li>Number of</li></ol>	units, if multi-family	1		SEER: 13.00
6. Conditioned floor area (fi²) 7. Glass type I and area: (Label reqd. by 13-104.4.5 if not default) a. U-factor:	<ol><li>Number of</li></ol>	Bedrooms	3 _	b. N/A	_
7. Glass type I and area: (Label reqd. by 13-104.4.5 if not default) a. U-factor: Description Area (or Single or Double DEFAULT) 7a. (Dble Default) 312.0 ft² b. SHGC: (or Clear or Tint DEFAULT) 7b. (Clear) 312.0 ft² b. Floor types a. Slab-On-Grade Edge Insulation B. Raised Wood, Post or Pier c. N/A  9. Wall types a. Frame, Wood, Exterior B. Frame, Wood, Exterior C. N/A d. N/A d. N/A d. N/A e. N/A 10. Ceiling types a. Under Attic B. N/A 11. Ducts a. Sup: Unc. Ret: Unc. AH: Garage C. Sup. R=6.0, 190.0 ft b. N/A  Total as built points: 28850  13. Heating systems a. Electric Heat Pump Cap: 42.0 kBtu/hr HSPF: 7.50  b. N/A  c. N/A  c. N/A  c. N/A  14. Hot water systems a. Electric Resistance Cap: 40.0 gallons EF: 0.93  b. N/A  c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump) 15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	<ol><li>Is this a wo</li></ol>	rst case?	Yes		
a. U-factor: (or Single or Double DEFAULT)  b. SHGC: (or Clear or Tint DEFAULT)  7b. (Clear) 312.0 ft²  8. Floor types a. Slab-On-Grade Edge Insulation b. Raised Wood, Post or Pier c. N/A  9. Wall types a. Frame, Wood, Exterior b. Frame, Wood, Adjacent c. N/A c. N/A d. N/A e. N/A 10. Ceiling types a. Under Attic b. N/A c. N/A 11. Ducts a. Sup: Unc. Ret: Unc. AH: Garage c. N/A  Total as built points: 28950  13. Heating systems a. Electric Heat Pump Cap: 42.0 kBtu/hr HSPF: 7.50 b. N/A c. N	<ol><li>Conditioned</li></ol>	l floor area (ft²)	1989 ft²	c. N/A	
(or Single or Double DEFAULT) 7a. (Dble Default) 312.0 ft <sup>2</sup> b. SHGC: (or Clear or Tint DEFAULT) 7b. (Clear) 312.0 ft <sup>2</sup> 8. Floor types a. Slab-On-Grade Edge Insulation R=0.0, 169.0(p) ft D. Raised Wood, Post or Pier R=19.0, 48.0ft <sup>2</sup> c. N/A 9. Wall types a. Frame, Wood, Exterior R=13.0, 1528.0 ft <sup>2</sup> b. Frame, Wood, Adjacent R=13.0, 569.0 ft <sup>2</sup> c. N/A 10. Ceiling types a. Under Attic R=30.0, 1608.0 ft <sup>2</sup> b. N/A 11. Ducts a. Sup: Unc. Ret: Unc. AH: Garage Sup. R=6.0, 190.0 ft b. N/A  Total as built points: 28850	<ol> <li>Glass type<sup>1</sup></li> </ol>	and area: (Label reqd. by 13-104.4.5 if n	ot default)		
(or Single or Double DEFAULT) 7a. (Dble Default) 312.0 ft <sup>2</sup> b. SHGC: (or Clear or Tint DEFAULT) 7b. (Clear) 312.0 ft <sup>2</sup> 8. Floor types a. Slab-On-Grade Edge Insulation b. Raised Wood, Post or Pier c. N/A 9. Wall types a. Frame, Wood, Exterior b. Frame, Wood, Adjacent c. N/A d. N/A d. N/A d. N/A 10. Ceiling types a. Under Attic b. N/A 11. Ducts a. Sup: Unc. Ret: Unc. AH: Garage b. N/A  Total ac huilt points: 28950	a. U-factor:	Description	Area	13. Heating systems	
b. SHGC: (or Clear or Tint DEFAULT) 7b. (Clear) 312.0 ft²  8. Floor types a. Slab-On-Grade Edge Insulation b. Raised Wood, Post or Pier c. N/A  9. Wall types a. Frame, Wood, Exterior b. Frame, Wood, Adjacent c. N/A d. N/A e. N/A 10. Ceiling types a. Under Attic b. N/A c. N/A 11. Ducts a. Sup: Une. Ret: Unc. AH: Garage b. N/A  Total as built points: 28950  Long types a. Under Ret: Unc. AH: Garage b. N/A  Total as built points: 28950  Long types a. Under Ret: Unc. AH: Garage b. N/A  Total as built points: 28950	(or Single			a. Electric Heat Pump	Cap: 42.0 kBtu/hr
8. Floor types a. Slab-On-Grade Edge Insulation b. Raised Wood, Post or Pier c. N/A  9. Wall types a. Frame, Wood, Exterior b. Frame, Wood, Exterior c. N/A  14. Hot water systems a. Electric Resistance Cap: 40.0 gallons EF: 0.93  b. N/A  c. N/A  d. N/A e. N/A  10. Ceiling types a. Under Attic b. N/A c. N/A c. N/A 11. Ducts a. Sup: Unc. Ret: Unc. AH: Garage b. N/A  11. Ducts a. Sup: Unc. Ret: Unc. AH: Garage b. N/A  Total as built points: 28950			•	***	
8. Floor types a. Slab-On-Grade Edge Insulation b. Raised Wood, Post or Pier c. N/A  9. Wall types a. Frame, Wood, Exterior b. Frame, Wood, Adjacent c. N/A  d. N/A e. N/A  10. Ceiling types a. Under Attic b. N/A c. N/A d. Ducts a. Sup: Unc. Ret: Unc. AH: Garage b. N/A C. Conservation credits CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)  Total as built points: 28950	(or Clear o	or Tint DEFAULT) 7b. (Clear	) 312.0 ft <sup>2</sup>	b. N/A	
b. Raised Wood, Post or Pier c. N/A  9. Wall types a. Frame, Wood, Exterior b. Frame, Wood, Adjacent c. N/A  d. N/A c. N/A  10. Ceiling types a. Under Attic b. N/A c. N/A 11. Duets a. Sup: Unc. Ret: Unc. AH: Garage b. Raiso, 48.0ft²  R=19.0, 48.0ft²  R=19.0, 48.0ft²  R=19.0, 48.0ft²  R=19.0, 48.0ft²  R=19.0, 48.0ft²  R=19.0, 48.0ft²  R=13.0, 1528.0 ft²  B. N/A  c. Cap: 40.0 gallons  EF: 0.93  B. N/A  c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)  15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	8. Floor types				
c. N/A  9. Wall types a. Frame, Wood, Exterior b. Frame, Wood, Adjacent c. N/A d. N/A e. N/A 10. Ceiling types a. Under Attic b. N/A c. N/A c. N/A 11. Ducts a. Sup: Unc. Ret: Unc. AH: Garage b. N/A  Total as built points: 28850  14. Hot water systems a. Electric Resistance Cap: 40.0 gallons EF: 0.93  b. N/A  c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump) 15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	a. Slab-On-Gr	rade Edge Insulation R=0.0,	169.0(p) ft	c. N/A	
9. Wall types a. Frame, Wood, Exterior b. Frame, Wood, Adjacent c. N/A d. N/A e. N/A 10. Ceiling types a. Under Attic b. N/A c. N/A c. N/A c. N/A c. N/A c. N/A d. N/A c. N/A f. Ducts a. Sup: Unc. Ret: Unc. AH: Garage b. R=3.0, 1528.0 ft² R=13.0, 1528.0 ft² R=13.0, 569.0 ft² Dh. N/A c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump) 15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	b. Raised Woo	od, Post or Pier R=1	9.0, 48.0ft <sup>2</sup>		_
a. Frame, Wood, Exterior b. Frame, Wood, Adjacent c. N/A d. N/A e. N/A 10. Ceiling types a. Under Attic b. N/A c. N/A c. N/A c. N/A c. N/A d. N/A c. N/A d. Under Attic b. N/A c. N/A c. N/A c. N/A d. N/A c. N/A d. N/A c. N/A d. M.A c. N/A c. N/A d. M.A c. N/A d. M.A c. N/A c. N/A d. M.A c. N/A d. M.A c. N/A d. M.A c. N/A d. M.A d.	c. N/A			14. Hot water systems	
a. Frame, Wood, Exterior b. Frame, Wood, Adjacent c. N/A d. N/A e. N/A 10. Ceiling types a. Under Attic b. N/A c. N/A 1. Ducts a. Sup: Unc. Ret: Unc. AH: Garage b. R=13.0, 1528.0 ft² R=13.0, 569.0 ft² R=13.0, 569.0 ft² R=13.0, 569.0 ft² Db. N/A c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump) 15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	9. Wall types			a. Electric Resistance	Cap: 40.0 gallons
b. Frame, Wood, Adjacent c. N/A d. N/A e. N/A c. N/A 10. Ceiling types a. Under Attic b. N/A c. N/A c. N/A 11. Ducts a. Sup: Unc. Ret: Unc. AH: Garage b. N/A  R=13.0, 569.0 ft²	a. Frame, Woo	od, Exterior R=13.0	, 1528.0 ft <sup>2</sup>		
d. N/A e. N/A  10. Ceiling types a. Under Attic b. N/A c. N/A 11. Ducts a. Sup: Unc. Ret: Unc. AH: Garage b. N/A  Total as built points: 28850	b. Frame, Woo	od, Adjacent R=13.	0, 569.0 ft <sup>2</sup>	b. N/A	_
e. N/A  10. Ceiling types  a. Under Attic  b. N/A  c. N/A  11. Ducts  a. Sup: Unc. Ret: Unc. AH: Garage  b. N/A  Total as built points: 28850  (HR-Heat recovery, Solar  DHP-Dedicated heat pump)  15. HVAC credits  (CF-Ceiling fan, CV-Cross ventilation,  HF-Whole house fan,  PT-Programmable Thermostat,  MZ-C-Multizone cooling,  MZ-H-Multizone heating)	c. N/A		· ·		_
10. Ceiling types  a. Under Attic  b. N/A  c. N/A  11. Ducts  a. Sup: Unc. Ret: Unc. AH: Garage  b. N/A  Total as huilt points: 28850	d. N/A			c. Conservation credits	_
10. Ceiling types  a. Under Attic  b. N/A  c. N/A  11. Ducts  a. Sup: Unc. Ret: Unc. AH: Garage  b. N/A  Total as huilt points: 28850	e. N/A			(HR-Heat recovery, Solar	_
a. Under Attic  b. N/A  c. N/A  11. Ducts  a. Sup: Unc. Ret: Unc. AH: Garage  b. N/A  Total as built points: 28850	10. Ceiling type	es	_	1 17	
c. N/A  11. Ducts  a. Sup: Unc. Ret: Unc. AH: Garage Sup. R=6.0, 190.0 ft MZ-C-Multizone cooling, MZ-H-Multizone heating)  Total as built points: 28850	a. Under Attic	R=30.0	, 1608.0 ft <sup>2</sup>		
c. N/A  11. Ducts  a. Sup: Unc. Ret: Unc. AH: Garage Sup. R=6.0, 190.0 ft MZ-C-Multizone cooling, MZ-H-Multizone heating)  Total as built points: 28850	b. N/A			(CF-Ceiling fan, CV-Cross ventilation,	_
a. Sup: Unc. Ret: Unc. AH: Garage Sup. R=6.0, 190.0 ft MZ-C-Multizone cooling, MZ-H-Multizone heating)  Total as built points: 28850	c. N/A			HF-Whole house fan,	
a. Sup: Unc. Ret: Unc. AH: Garage Sup. R=6.0, 190.0 ft MZ-C-Multizone cooling, MZ-H-Multizone heating)  Total as built points: 28850	11. Ducts			PT-Programmable Thermostat,	
b. N/A MZ-H-Multizone heating)  Total as built points: 28850	a. Sup: Unc. I	Ret: Unc. AH: Garage Sup. R=6	.0, 190.0 ft		
Total as huilt points: 28850	b. N/A			177	
Total as-built points: 28859			A		
Total as-built points: 28859					
Total as-built points: 28859					
Closs/Floor Area: 0.16		Glass/Floor Area: 0.16	tal as-built p	oints: 28859	
Glass/Floor Area: 0.16  Total base points: 29609  PASS	1 '	Glass/Floor Area. U. 16	Total base p	oints: 29609 PASS	

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.

PREPARED BY:

DATE: 8/28/08

I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.

OWNER/AGENT: \_\_\_\_\_

DATE: \_

Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes.

COD WE TRUST

**BUILDING OFFICIAL:** \_

DATE: \_\_\_

### **SUMMER CALCULATIONS**

### Residential Whole Building Performance Method A - Details

ADDRESS: 209 SW Farlington Court, Lake City, FL,

PERMIT #:

BASE					AS-	BU	ILT				
GLASS TYPES .18 X Conditioned X Floor Area	BSPM =	Points	Type/SC	Ove Ornt	erhang Len		Area X	SPN	иX	SOF	= Points
.18 1989.0	20.04	7174.7	Double, Clear	N N N N N N N N N N N N N N N N N N N	9.5 10.0 5.5 4.5 1.5 7.5 6.5 0.0 0.0 1.5 1.5	6.0 8.0 8.0 4.0 8.0 10.0 4.0 0.0 0.0 4.0 5.0 8.0	12.0 10.0 36.0 12.0 30.0 36.0 24.0 64.0 16.0 25.0 9.0 20.0 18.0	19.2 25.9 19.2 19.2 35.8 38.5 38.5 19.2 19.2 29.5	77 20 20 20 27 27 22 22 22 20 20	0.65 0.60 0.77 0.69 0.97 0.57 0.47 1.00 1.00 0.88 0.92 0.96	149.0 155.7 533.8 159.3 557.1 730.0 400.3 2465.5 616.4 963.1 152.3 351.6 511.6
WALL TYPES Are	a X BSPM	= Points	Туре		R-	-Value	e Area	X	SPI	M =	Points
Adjacent 569.0 Exterior 1528.0		398.3 2597.6	Frame, Wood, Exterior Frame, Wood, Adjacent			13.0 13.0	1528.0 569.0		1.50 0.60		2292.0 341.4
Base Total: 209	7.0	2995.9	As-Built Total:				2097.0				2633.4
DOOR TYPES Are	a X BSPM	= Points	Туре				Area	X	SPI	<b>M</b> =	Points
Adjacent 55.0 Exterior 70.0		88.0 287.0	Exterior Insulated Exterior Insulated Exterior Insulated Adjacent Insulated Adjacent Insulated Adjacent Wood				10.0 20.0 40.0 20.0 17.0 18.0		4.10 4.10 4.10 1.60 1.60 2.40		41.0 82.0 164.0 32.0 27.2 43.2
Base Total: 12	5.0	375.0	As-Built Total:				125.0				389.4
CEILING TYPES Are	a X BSPM	= Points	Туре		R-Valu	ie i	Area X S	SPM	X S	CM =	Points
Under Attic 1342.0	1.73	2321.7	Under Attic			30.0	1608.0 1	1.73 X	1.00		2781.8
Base Total: 1342	.0	2321.7	As-Built Total:				1608.0				2781.8

### **SUMMER CALCULATIONS**

### Residential Whole Building Performance Method A - Details

ADDRESS: 209 SW Farlington Court, Lake City, FL, PERMIT #:

	BASE		AS-BUILT							
FLOOR TYPES	Area X E	SPM = Points	Type R-Value Area X SPM = Points							
Slab Raised	4 /	-37.0 -6253.0 -3.99 -191.5	The second secon							
Base Total:		-6444.5	As-Built Total: 217.0 -6926.0							
INFILTRATION	Area X E	SPM = Points	Area X SPM = Points							
i i	1989.0	10.21 20307.7	1989.0 10.21 20307.7							
Summer Bas	se Points:	26730.5	Summer As-Built Points: 26931.9							
Total Summer Points	X System Multiplier	= Cooling Points	Total X Cap X Duct X System X Credit = Cooling Component Ratio Multiplier Multiplier Multiplier Points (System - Points) (DM x DSM x AHU)							
26730.5	0.4266	11403.2	(sys 1: Central Unit 42000 btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Gar(AH),R6.0(INS)         26932       1.00 (1.09 x 1.147 x 1.00)       0.263 1.000 8840.0         26931.9       1.00 1.250 0.263 1.000 8840.0							

### WINTER CALCULATIONS

### Residential Whole Building Performance Method A - Details

ADDRESS: 209 SW Farlington Court, Lake City, FL,

PERMIT #:

BASE					AS-	BU	ILT					
GLASS TYPES .18 X Conditio Floor Ar		WPM =	Points	Type/SC	Ove Ornt	erhang Len		Area X	WPM	X	WOF	= Points
.18 1989	.0	12.74	4561.2	Double, Clear	2	9.5 10.0 5.5 4.5 1.5 7.5 6.5 0.0 0.0 1.5 1.5	6.0 8.0 8.0 4.0 8.0 10.0 4.0 0.0 0.0 4.0 5.0 8.0	12.0 10.0 36.0 12.0 30.0 36.0 24.0 64.0 16.0 25.0 9.0 20.0 18.0	24.58 24.30 24.58 24.58 13.30 13.30 20.73 20.73 20.73 24.58 24.58 23.57		1.02 1.03 1.01 1.02 1.00 2.27 3.37 1.00 1.00 1.00 1.01 1.00	301.8 249.8 896.8 300.8 738.0 1084.6 1075.4 1326.6 331.7 518.2 222.5 493.4 425.0
WALL TYPES	Area X	BWPM	= Points	Туре		R-	Value		x w	/PN	1 =	Points
Adjacent Exterior	569.0 1528.0	3.60 3.70	2048.4 5653.6	Frame, Wood, Exterior Frame, Wood, Adjacent			13.0 13.0	1528.0 569.0		.40 .30		5195.2 1877.7
Base Total:	2097.0		7702.0	As-Built Total:				2097.0				7072.9
DOOR TYPES	Area X	BWPM	= Points	Туре				Area	X W	PM	i =	Points
Adjacent Exterior	55.0 70.0	8.00 8.40	440.0 588.0	Exterior Insulated Exterior Insulated Exterior Insulated Adjacent Insulated Adjacent Insulated Adjacent Wood				10.0 20.0 40.0 20.0 17.0 18.0	8 8 8	.40 .40 .40 .00 .00		84.0 168.0 336.0 160.0 136.0 207.0
Base Total:	125.0		1028.0	As-Built Total:				125.0				1091.0
CEILING TYPES	S Area X	BWPM	= Points	Туре	R	R-Value	e Ar	ea X W	РМ Х	wc	:M =	Points
Under Attic	1342.0	2.05	2751.1	Under Attic			30.0	1608.0	2.05 X 1	.00		3296.4
Base Total:	1342.0		2751.1	As-Built Total:				1608.0				3296.4

# WINTER CALCULATIONS

# Residential Whole Building Performance Method A - Details

ADDRESS: 209 SW Farlington Court, Lake City, FL, PERMIT #:

	BASE			AS-BUILT									
FLOOR TYPES	Area X	BWPM	= Points	Туре			R-Va	ue A	rea 2	X WPM	=	Points	
Slab Raised	169.0(p) 48.0	8.9 0.96	1504.1 46.1	Slab-On-Grade Edg Raised Wood, Post		ion	0.0 19.0			18.80 0.88		3177.2 42.0	
Base Total:			1550.2	As-Built Total:				217.	0			3219.2	
INFILTRATION	Area X	BWPM	= Points					Aı	ea X	WPM	=	Points	
	1989.0	-0.59	-1173.5		1			1:	989.0	-0.59		-1173.5	
Winter Base	Points:		16418.9	Winter As-B	uilt P	oints:	·				21	470.5	
Total Winter X Points	System Multiplie		ating Points	Total X Component (System - Point	Ratio	Mul	Ouct X Itiplier OSM x AHU	Multiplie		Credit Multiplier		Heating Points	
16418.9	0.627	4	10301.2	(sys 1: Electric H 21470.5 <b>21470.5</b>		(1.069 x	btuh ,EFF( 1.169 x 1. . <b>250</b>	10000	5	S),Unc(R),0 1.000 <b>1.000</b>	1	H),R6.0 2199.1 <b>2199.1</b>	

FORM 600A-2004 EnergyGauge® 4.1

# **WATER HEATING & CODE COMPLIANCE STATUS**

# Residential Whole Building Performance Method A - Details

ADDRESS: 209 SW Farlington Court, Lake City, FL, PERMIT #:

	E	BASE			AS-BUILT									
WATER HEATING  Number of X Multiplier = Total  Bedrooms					Tank Volume	EF	Number of X Tank X Multiplier X Credit = Bedrooms Ratio Multiplier						Total	
3		2635.00		7905.0	40.0	0.93	3		1.00	2606.67	1.00		7820.0	
					As-Built To	otal:							7820.0	

	CODE COMPLIANCE STATUS													
		BAS	SE.						**	AS	-BUILT			
Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	
11403		10301		7905		29609	8840		12199		7820		28859	

**PASS** 



# **Code Compliance Checklist**

# Residential Whole Building Performance Method A - Details

ADDRESS: 209 SW Farlington Court, Lake City, FL, PERMIT #:

### 6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	606.1.ABC.1.1	Maximum:.3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Exterior & Adjacent Walls	606.1.ABC.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	
Floors	606.1.ABC.1.2.2	Penetrations/openings >1/8" sealed unless backed by truss or joint members.  EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	
Ceilings	606.1.ABC.1.2.3	Between walls & ceilings; penetrations of ceiling plane of top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.	
Recessed Lighting Fixtures	606.1.ABC.1.2.4	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC rated with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	606.1.ABC.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	606.1.ABC.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

6A-22 OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 612.1.ABC.3.2. Switch or clearly marked cir breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides.  Common ceiling & floors R-11.	

# ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

### ESTIMATED ENERGY PERFORMANCE SCORE\* = 83.2

The higher the score, the more efficient the home.

Curtis Tony, 209 SW Farlington Court, Lake City, FL,

1. 2. 3. 4. 5. 6. 7.	New construction or existing Single family or multi-family Number of units, if multi-family Number of Bedrooms Is this a worst case? Conditioned floor area (ft²) Glass type 1 and area: (Label reqd.	New Single family  1 3 Yes 1989 ft² by 13-104.4.5 if not default)	-	a. b.	Cooling systems Central Unit N/A N/A	Cap: 42.0 kBtu/hr SEER: 13.00	11111
100	U-factor: (or Single or Double DEFAULT) SHGC: (or Clear or Tint DEFAULT)	Description Area 7a. (Dble Default) 312.0 ft <sup>2</sup> 7b. (Clear) 312.0 ft <sup>2</sup>	_	a.	Heating systems Electric Heat Pump N/A	Cap: 42.0 kBtu/hr HSPF: 7.50	
a. b.	Floor types Slab-On-Grade Edge Insulation Raised Wood, Post or Pier N/A	R=0.0, 169.0(p) ft R=19.0, 48.0ft <sup>2</sup>	_		N/A Hot water systems		<u> </u>
a. b.	Wall types Frame, Wood, Exterior Frame, Wood, Adjacent N/A	R=13.0, 1528.0 ft <sup>2</sup> R=13.0, 569.0 ft <sup>2</sup>	_		Electric Resistance N/A	Cap: 40.0 gallons EF: 0.93	_ _ _
e. 10.	N/A N/A Ceiling types Under Attic	R=30.0, 1608.0 ft²	=		Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump) HVAC credits		_
b. c. 11.	N/A N/A Ducts		_	10.	(CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat,		_
	Sup: Unc. Ret: Unc. AH: Garage N/A	Sup. R=6.0, 190.0 ft	=		MZ-C-Multizone cooling, MZ-H-Multizone heating)		
Cor in the	rtify that this home has complied astruction through the above ennis home before final inspectioned on installed Code compliant lder Signature:	ergy saving features which n. Otherwise, a new EPL I	h will l	be ins y Car	stalled (or exceeded)	GRANT TO GRANT	FLORIDA

\*NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is <u>not</u> a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs at 850/487-1824.

City/FL Zip:

Address of New Home:

## 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:1TJ28228Z0109155953

Truss Fabricator: Anderson Truss Company

Job Identification: 8-179--Isaac Construction NICKELSON -- , \*\*

Truss Count: 30

Model Code: Florida Building Code 2004 and 2006 Supplement

Truss Criteria: ANSI/TPI-2002 (STD) /FBC

Engineering Software: Alpine Software, Version 7.36.

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 - 40.0 PSF @ 1.25 Duration

Floor - N/A

Wind - 110 MPH ASCE 7-02 -Closed

### Notes:

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

2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.

3. As shown on attached drawings; the drawing number is preceded by: HCUSR8228

Details: AllO15EE-GBLLETIN-BRCLBSUB-

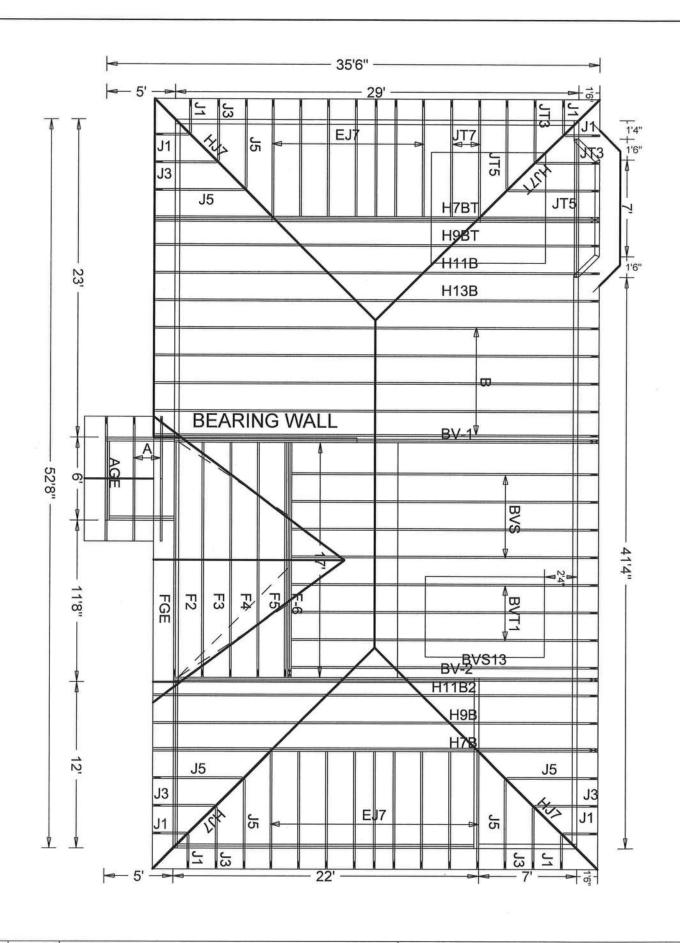
#	Ref Description	Drawing#	Date
1	95608A	08191011	07/09/08
2	95609 AGE	08191003	07/09/08
3	95610 H7B	08191021	07/09/08
4	95611H11B	08191015	07/09/08
5	95612H13B	08191018	07/09/08
6	95613B	08191019	07/09/08
7	95614H9B	08191022	07/09/08
-8	95615H11B2	08191023	07/09/08
9	95616BVS13	08191020	07/09/08
10	95617 BVT1	08191013	07/09/08
11	95618BVS	08191002	07/09/08
12	95619H7BT	08191010	07/09/08
13	95620H9BT	08191006	07/09/08
14	95621 BV - 2	08191130	07/09/08
15	95622 BV - 1	08191131	07/09/08
16	95623F-6	08191001	07/09/08
17	95624 FGE	08191134	07/09/08
18	95625 F2	08191135	07/09/08
19	95626F3	08191127	07/09/08
20	95627 F4	08191128	07/09/08
21	95628F5	08191129	07/09/08
22	95629 EJ7	08191009	07/09/08
23	95630 J1	08191008	07/09/08
24	95631 HJ7T	08191017	07/09/08
25	95632HJ7 .	08191004	07/09/08
26	95633 J3	08191007	07/09/08
27	95634 J5	08191005	07/09/08
28	95635 JT3	08191012	07/09/08
29	95636JT5	08191014	07/09/08
30	95637 JT7	08191016	07/09/08

J.A.

Seal Date: 07/09/2008

-Truss Design Engineer-James F. Collins Jr. Florida License Number: 52212 1950 Marley Drive Haines City, FL 33844





JOB DESCRIPTION:: Isaac Construction
/: NICKELSON

INTO UNG PREPARED PROM COMPUTER INPUT (LUADO & DIMENOLUNO) OUBMITTO BY TRUSO MPR.

Top chord 2x4 SP #
Bot chord 2x4 SP #
Webs 2x4 SP #
:Stack Chord SC1 2

#2 Dense #2 Dense #3 2x4 SP #2 Dense::Stack Chord SC2 2x4 SP #2 Dense:

Roof overhang supports 2.00 psf soffit load

See DWGS A11015EE0207 & GBLLETIN0207 for more requirements

top chord braced at 24" o.c. intervals. Attach stacked top chord (SC) to dropped top chord in notchable area using 3x4 tie-plates 24" o.c. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in notchable area using 3x6.

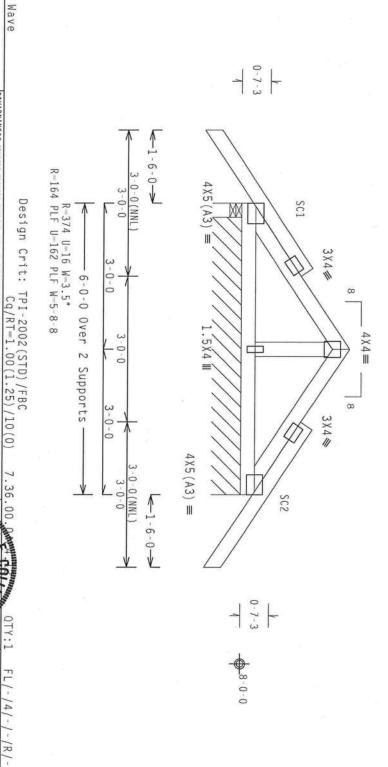
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, lw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures

Truss spaced at 24.0" OC designed to support 2-0-0 top chord outlookers. Cladding load shall not exceed 10.00 PSF. Top chord must not be cut or notched.

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

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



A PROPERLY ATTACHED RIGID CEILING

PLT

TYP.

\*\*IMPORTANT\*\*TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW DCG. ITW. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE THUSS IN COMFORMANCE WITH THIS DESIGN. OF FABRICATHIG., AND LIFE. INSTALLING A BRACING OF TRUSSES.

BESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HOS (MATIONAL DESIGN SPEC, BY AFRAY) AND IPI. THE GOMENTICON TLATES ARE MODE OF ZO/TRY/IGGA (M.H/SS/K) ASIN 663 GRADE 40/60 (W. K/M.SS) GALV. STEEL APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OFHERMISE LOCATED ON THIS DESIGN, POSITION FRE DRAMINGS. 160A-Z ANY INSPECTION OF PLATES FOLLOMED BY (1) SMALL BE PER ANNEX AS OF TP11-2: MAY INSPECTION OF PLATES FOLLOMED BY (1) SMALL BE PER ANNEX AS OF TP11-2: TORAING INDICATES ACCEPTANCE OF PROFESSIONAL BRIGHERING RESPONSIBILITY ORDUSE OF THIS COMPONENT FOR ANY BUILD OF THIS COMPONENT FOR ANY BU OWISIONS OF MOS (MATIONAL DISIGN SPEC, MY AFRANA AND FPI. ITH NO WISIONS OF MOS (MATIONAL DISIGN SPEC, MY AFRANA AND FPI. ITH NO WISION SECTION FOR ANY SECTION FOR MATERIAL APPLY DURLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION FER DRAWINGS 160A-Z. BY (1) SMALL BE FUE AMBEX AS OF FPI1-2002 SEC. 3.

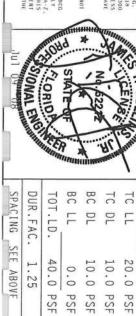
A SEAL ON THIS NOT THE PROPORTION FOR ANY BUILDING IS THE RESPONSIBILITY OF THE GOOD OF THE PRIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

TW Building Components Group

ALPINE

Haines City, FL 33844 FL CC 140 778

BUILDING DESIGNER PER ANSI/TPI 1 SEC.



PSF

PSF

SEQN-HC-ENG

JRFF-

11J28228Z01

PSF

DATE

07/09/08 95609

DRW HCUSR8228 08191003

WHK/WHK 35295

REF

Scale =.5"/Ft. R8228-

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

Negative reaction(s) of -222# MAX. (See below) from a non-wind load case requires uplift connection.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Roof overhang supports 2.00 psf soffit load

#1 hip supports 7-0-0 jacks with no webs

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

COMPLETE TRUSSES REQUIRED

Top Chord: 1 Row Bot Chord: 1 Row Webs: 1 Row Nailing Schedule: (10d\_Box\_or\_Gun\_(0.128"x3".\_min.)\_nails)
@12.00" o.c.
@12.00" o.c.

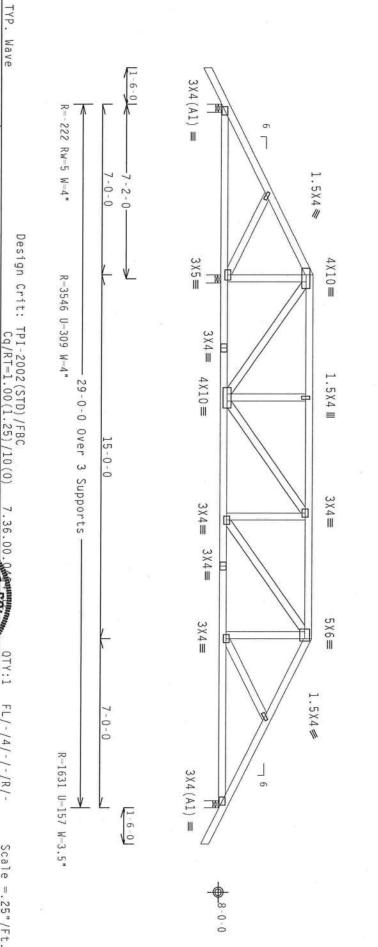
@ 4" o.c.

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

Wind reactions based on MWFRS pressures.

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

Left side jacks have 7-0-0 setback with 0-0-0 cant and 1-6-0 overhang. End jacks have 7-0-0 setback with 0-0-0 cant and 1-6-0 overhang. Right side jacks have 7-0-0 setback with 0-0-0 cant and 1-6-0 overhang.



\*\*WARNING\*\* FRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING, SHIPPING, INSTALLING AND BRACTING.
RETER TO BEST (UNITOTHS COMPONENT SAFETY INFORMATION), PUBLISHED BY TPT (TRUSS PLATE INSTITUTE, 218
HORTH LEE SINEET, SUITE 312, ALEXANDRIA, VA, 22314) AND WICA (MODO) TRUSS COUNCIL OF AMERICA, 6300
ERITEPRISE LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE THECTIONS. UNLESS
OTHERWISE HOLDSCHOOD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL HAVE
A PROPERLY ATTACHED RIGID CELLING. UNLESS 6300 7.36.00

TC LL

20.0

PSF

REF

Scale = .25"/Ft. R8228- 95610

FL/-/4/-/-/R/-

TC DL

10.0 PSF

DATE

07/09/08

WHK/WHK

35385

PLT

TYP.

Wave

\*\*IMPORTANT\*\*\* UBBISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVALUON FROM THIS DESIGN, FOR FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH FPI; OR FARRICATING, MANDING, HISTALLING, A BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MS. GAATOMAL DESIGN EPEC, MY AREAS, AND TPI. THE RC COMMERCE OF TRUSS ARE AND OF ZOTATIONAL OF THE APPLICABLE PROVISIONS OF MS. GAATOMAL DESIGN EPEC, MY AREAS, AND TPI. THE RC COMMERCE OF TRUSS ARE AND OF ZOTATIONAL OF STALL APPLY SOLITON DESIGN. THE APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERS AS LOCATED ON THIS DESIGN, POSITION PER DRAWHIGS 100A. P DRAHING INDICATES ANY INSPECTION OF PLATES VOISIONS OF MDS (MATIGMAL DESIGN SPEC, MY AFAPA) AND FPI. THE METAL APPLY CALL STREET, APPLY COLLEGE, APPLY SEE ALLY, STREET, APPLY COLLEGE, OF ANY AND FPI. DESIGN, POSITION PER GRANIES 160A-Z BY (1) SHALL BE PER ANNEX AS OF TPI1-2002 SEC. J. A SEAL ON THIS SHEET, SOURCE FOR THE TRUST COMPONENT TO SHALL BE PER ANNEX AS OF TPI1-2002 SEC. J. THE SECONDERING SHEET, SOURCE FOR THE SHEET, OF THE PERSONSEBILITY OF THE PROPERTY FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

TW Building Components Group Inc.

ALPINE

Haines City, FL 33844 FL CQ 1 40 278

STATE O BC LL BC DL DUR.FAC. TOT.LD. SPACING SEE ABOVE 40.0 10.0 1.25 0.0 PSF PSF PSF SEQN-JRFF -DRW HCUSR8228 08191021 HC-ENG

1TJ28228Z01

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

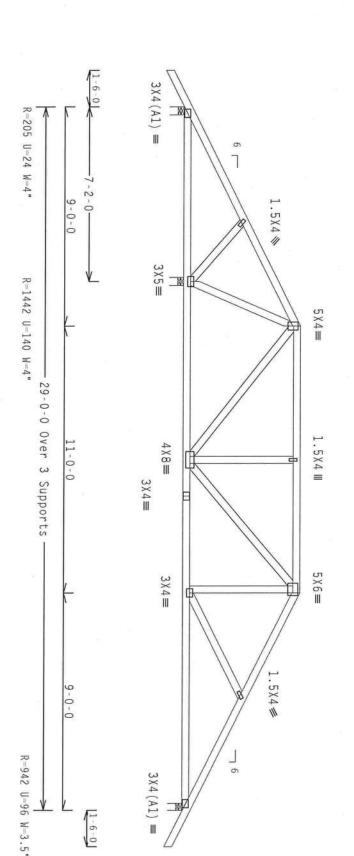
Roof overhang supports 2.00 psf soffit load

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi (+/-)=0.18

Wind reactions based on MWFRS pressures

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



Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

TYP.

Wave

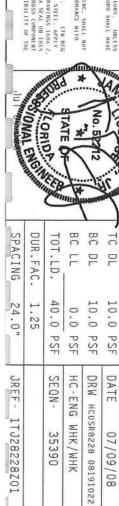
\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH TPI; OR FARBELGING, HANDLING, SHEPPIG, INSTALLING & BRACING OF TRUSSES, CONTROLLING, AND TPI. ITW BCG DESIGN CONTROLLING, AND TRUSSES, AND TRUSSES, DESIGN SPEC, BY AFAPA, AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF ZO/IBJ166A (M.H/SS/K), ASTH A653 GRADU 40/60 (M. K/H.SS) GALV. SITEL, APPLY PLATES TO EACH FACE OF TRUSS AND, INCESS OTHERWISE (OCATE) ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z, ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A3 OF IPI1-2002 SEC.3. A SEAL ON THIS

DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMP.
BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. DRAWING INDICATES

ITW Building Components Group Inc.

ALPINE

Haines City, FL 33844 FL CC 4 are 778



TC LL

20.0

PSF

REF

Scale = .25"/Ft. R8228- 95614

FL/-/4/-/-/R/-

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

Roof overhang supports 2.00 psf soffit load

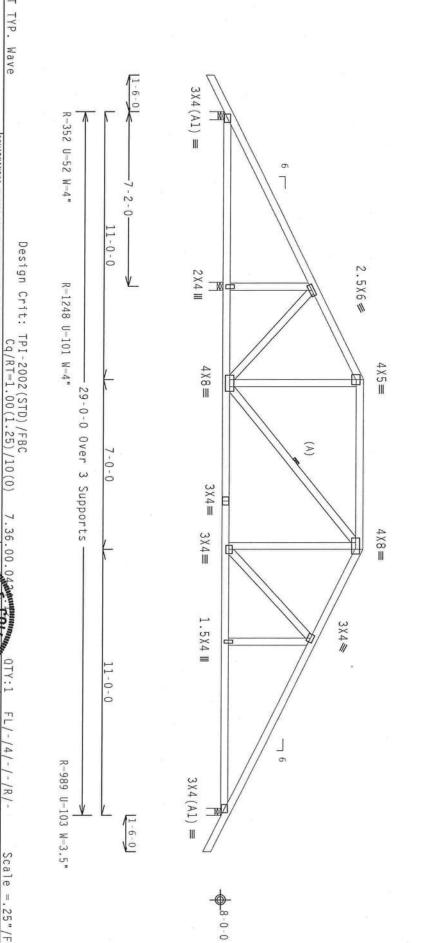
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

(A) Continuous lateral bracing equally spaced on member.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi (+/-)=0.18

Wind reactions based on MWFRS pressures.

In lieu of structural panels use purlins to brace all flat TC @ 0C.



TW Building Components Group

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BC LL BC DL TC DL

PSF PSF

HC-ENG

WHK/WHK 35399

40.0

SEQN-

1.25

TC LL

10.0 PSF 20.0 PSF

DATE REF

07/09/08 95615

10.0 PSF 0.0

DRW HCUSR8228 08191023

FL/-/4/-/-/R/-

Scale = .25"/Ft. R8228-

SPACING DUR.FAC. TOT.LD.

24.0"

JREF -

1TJ28228Z01

\*\*WARNING\*\* RUSSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RETER TO BEST (BUTLOING COMPONENT SAFETY INFORMATION), PUBLISHED BY TET (TRUSS PLATE INSTITUTE, 718 MOETH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND HICA (FORD TRUSS COURCIL OF AMERICA, 6300 ENTERPRISE LAME, MADISON, HE 33719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OFHERWISE INFORMATION OF HORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

ALPINE

Haines City, FL 33844 FL COA 40 278

TYP.

Wave

SPACING

24.0"

JREF -

1TJ28228Z01

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

Roof overhang supports 2.00 psf soffit load

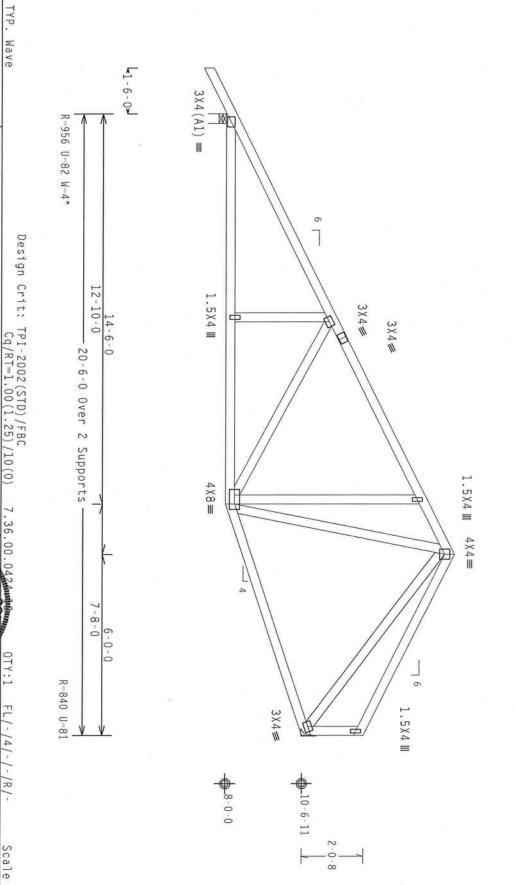
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7.02, CLOSED bidg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

Shim all supports to solid bearing.



\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WICA (QUOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LAME, MADISON, WI 52319) FOR SAFETY PRACTICES PRIOR TO PERFORMENT HIESE (UNCTIONS, UNLESS OTHERWISE HOLDERALED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

PLT TYP.

Wave

\*\*IMPORTANT\*\*\*GRRHISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BGG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN, ANY FALLURE TO BUILD THE TRUSS IN CONFORMANCE WITH IPI. OR FAREIGLATUR. HANDLING. SIMPPING, INSTALLING A BRACHING OF TRUSSES. BY THE APPLICABLE PROVISIONS OF HIDS (MALIDHA DESIGN SPEC, BY ATAPA) AND FT. IT HERE CONNECTOR FALES ARE MADE OF 20/13/16GA (H.H.SEX) AND THIS DESIGN SPECON FILES OF THE APPLY OF THE DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMP BUILDING DESIGNER PER ARSI/TPI 1 SEC. 2. ON ASSAM AND PT. THE BCG.
ON. FERNAL SHEEL, APPLY
GW. POSITION PER BEAMINGS 150A-Z.
A SEAL ON THIS
ONCE SEC.3. A SEAL ON THIS
THE SEELY FOR THE TRUSS COMPONENT

ITW Building Components Group Inc. FL CC 4 40 778

ALPINE

BC DL BC LL TC DL DUR.FAC. TC LL SPACING TOT.LD. 40.0 20.0 PSF 24.0" 1.25 10.0 PSF 10.0 PSF 0.0 PSF PSF DATE JREF -REF SEQN-HC-ENG DRW HCUSR8228 08191002

WHK/WHK 35418

07/09/08

1TJ28228Z01

FL/-/4/-/-/R/-

Scale = .3125"/Ft. R8228- 95618

Top chord 2x6 SP #1 Dense :T2 2x6 SP #2: :T3 2x4 SP #2 Dense: Bot chord 2x6 SP #2 Webs 2x4 SP #3

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Calculated horizontal deflection is 0.11" due to live load and 0.18" due to dead load.

#1 hip supports 7-0-0 jacks with no webs.

(1) 2x6x6-3-5 SP #1 Dense scab at left end. Attach scab chord with: 10d Box or Gun (0.128"x3" min.) nails @ 8" additional nail clusters at : BRG.: (4), heel: (8), 1st (5). oc, plus panel point:

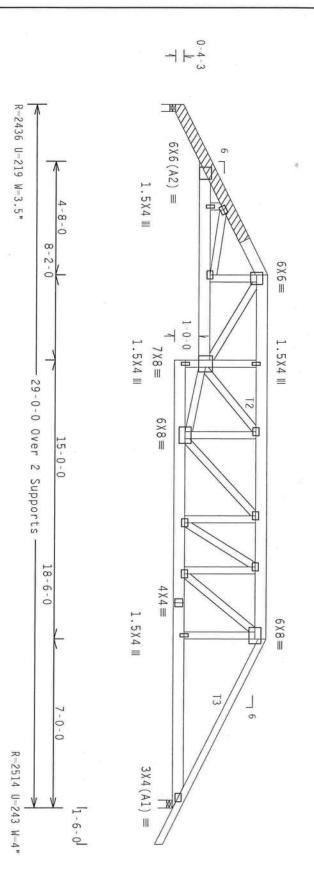
> COMPLETE TRUSSES REQUIRED

Nailing Schedule: (10d\_Box\_or\_Gun\_(0.128"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.
Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting.

Roof overhang supports 2.00 psf soffit load

In lieu of structural panels use purlins to brace all flat TC  $\circledcirc$  0C.

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



Note: All Plates Are 3X4 Except As Shown. Design Crit:

TYP.

Wave

\*\*\*KARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.

RETER TO BCS1 (BUILDING COMPONENT SAFETY BROWNINGS), PUBLISHED BY TET (TRUSS PLATE INSTITUTE, 288

WORTH LEE STREET, SHITE 312, ALEXANDRIA, VA, 22314) AND WICA (ROOD TRUSS COUNCIL OF AMERICA, 6300

ERTERPRISE LANE, MAISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PREFORMING THESE FUNCTIONS. UNLESS

OTHERWISE INDICATED TOP COMED SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

A PROPERLY ATTACHED REGID CELLING. TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

\*\*IMPORTANT\*\* TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH DCG. THE, SHALL NOT BE RESPONSIBLE FOR ANY DEVALION FROM THIS DESIGN; ANY TAILURE TO BUILD THE TRUSS IN CONTORNANCE WITH THE LOR FLANKFORTHER, ANALULE, SHEPPING, INSTALLINE A BRACHE OF TRUSSES.

DESIGN CONFORMS WITH APPLICALE PROVISIONS OF HDS (MATIDUAL DESIGN SPEC, BY AERA) AND TEL. THE RECONNECTION DLATES AND THE APPLICALE PROVISIONS OF HDS (MATIDUAL DESIGN SPEC, BY AERA) AND TEL. THE RECONNECTION DLATES AND THE APPLICALE PROVISIONS OF HDS (MATIDUAL DESIGN SPEC, BY AERA) AND TEL. THE RECONNECTION DLATES AND THE APPLICACE OF TRUSS AND THE APPLICACE OF THE SPECIAL SPECIAL APPLY PLATES TO EACH FACE OF TRUSS AND. DRIESS OFTENDED LOCATED ON THIS DESIGN, POSITION PER BOMAINGS GGO. 2 THE BCG

ANY INSPECTION OF PLATES OLLOGED BY (1) SHALL BE BER AMBEX AS OF 1911-2002 SEC. 3. A STAL OF THE BCG

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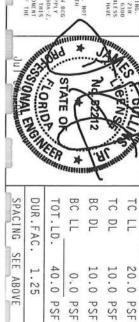
ITW Building Components Group

ALPINE

Haines City, FL 33844 FL CC 4 40 778

BUILDING DESIGNER PER

THE SUITABILITY AND USE OF THIS COMPONENT R PER ANSI/TP1 1 SEC. 2.



SEQN-

HC-ENG

WHK/WHK 35351

DRW HCUSR8228 08191010

JREF -

1TJ28228Z01

FL/-/4/-/-/R/-

Scale = .25"/Ft. R8228-

DATE REF

07

/09/08 95619

Top chord 2x4 SP #2 Dense :T1 2x6 SP #1 Dense: Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3

Roof overhang supports 2.00 psf soffit load

Calculated horizontal deflection is 0.11" due to live load and 0.17" due to dead load.

Wind reactions based on MWFRS pressures.

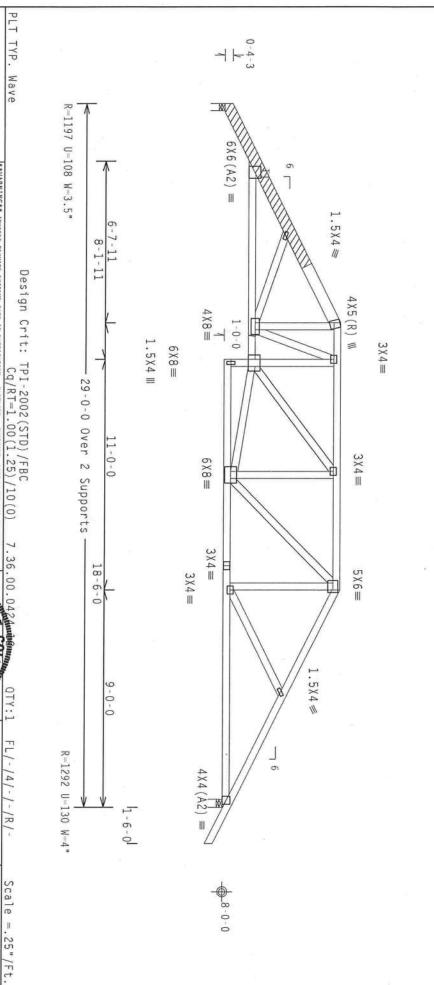
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, 1w=1.00 GCpi (+/-)=0.18

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

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

10 (P)

(2) 2x6x7-5-15 SP #1 Dense scabs at left end. Attach one scab to each outer face of chord with:  $10d\_Box$  or  $Gun\_(0.128"x3"\_min.)$  nails @ 8" 0C, Plus additional nail clusters at : BRG.: (3), heel: (6), 1st panel point: (3).



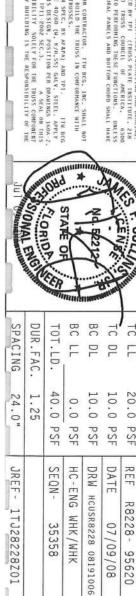
\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BOST. (BUILDING COMPONENT SAFETY INFORMATION), PURLISHED BY TPI (TRUSS PLATE INSTITUTE, 213 MORTH LET STRET, SUIT 137, ALEXANDRA, VA, 22131) AND HICA (MODD TRUSS COUNCIL OF AMERICA, 6300 ERRIERDENES LANE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE THROTTONS. UNLESS OFHERMISE HINDCARD TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL PARELS AND STRUCTURAL PARELS AND SHALL PARELS AND STRUCTURAL PARELS AND SHALL PARELS AND SHALL P US. UNLESS US SHALL HAVE

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE NGG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO WILD THE TRUSS IN COMPORNANCE WITH IP: OR FARRICATING, HANDLING, SHIPPING, HISTALLING & BRACHIG OF TRUSSES, DESIGN CONFEDENS WITH APPLICABLE PROVISIONS OF DRDS. (MATIONAL DESIGN SECE, N. AFRAYA, AND TP: 11H BCG COMMERCIONE PLATES ARE MADE OF 20/18/1666, (M.1/SS/R). ASYM M653 GRADE 40/60 (M. K/M.SS) GALV. STEEL APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERHISE LOCATED ON THIS DESIGN, POSITION RER DRAAHEDS 150A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE FOR NAMEZ AS OF PD11-2002 SEC. 3. A STAL ON THIS DRAMING INDICATES ACCEPTANCE OF PROFESSIONAL REGIONEERING ASSOCIATION OF THE DRESS COMPONENT DRAMING INDICATES ACCEPTANCE OF THE TRUSS COMPONENT OF THE DRESS COMPONENT OF THE PLATES TO LONG THE TRUSS COMPONENT OF THE DRESS COMPONENT OF THE PLATES TO LONG THE TRUSS COMPONENT OF THE PLATES TO LONG THE PLATES TO LONG THE PLATES TO LONG THE PLATES TO LONG THE TRUSS COMPONENT OF THE PLATES TO LONG THE PLATES THE PLATES TO LONG THE PLATES THE PLATES TO LONG THE PLATES THE PLATES THE PLATES THE PLATES THE PLATES TH DRAWHIG INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING DESIGN SNOWN. THE SUITABILITY AND USE OF THIS COMPONENT BUILDING DESIGNEE PER ANSI/IPT 1 SEC. Z.

TW Building Components Group

ALPINE

Haines City, FL 33844 FL CO 1 40 778



35358

TC LL

20.0

PSF

07

/09/08 95620

SPECIAL LOADS
-----(LUMBER DUR.FAC.=1.25 / PTC From 60 PLF at 0.00 to BC From 20 PLF at 0.00 to BC 840 LB Conc. Load at 0.85 C 837 LB Conc. Load at 2. Top chord 2x4 SP Bot chord 2x6 SP Webs 2x4 SP #2 Dense #1 Dense #3 :W2, W8 2x4 SP to PLATE TE DUR.FAC.=1.25)
60 PLF at 17.00
20 PLF at 17.00
8.73, 10.73, 12.73, 14.73
4.73, 6.73 #2 Dense:

Wind reactions based on MWFRS pressures

0.73.

Max JT VERT DEFL: LL: 0.22" DL: 0.34" recommended camber 1/2"

Truss must be installed as shown with top chord up

COMPLETE TRUSSES REQUIRED

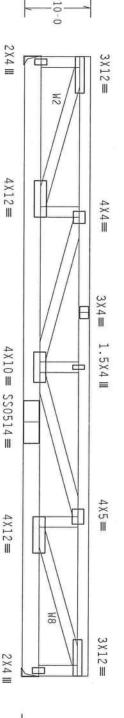
Nailing Schedule: (10d\_Box\_or\_Gun\_(0.128"x3",\_min.)\_nails)
@12.00" o.c.
@ 3.75" o.c.

Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @ 3.75" o.c.
Webs: 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18

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

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





R=4339 U=427 17-0-0 Over 2 Supports

R=3734 U=366

FL/-/4/-/-/R/-

Scale = .375"/Ft. R8228- 95623

PSF

DATE REF

07

/09/08

Design Crit: TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0)

TYP.

, Wave

18 Gauge HS REFER TO BCSI (BUILDING COMPONEN HORSTH LEE STREIT, SUITE 312, ALEXAN CRIEFPRISE LAME, MADISON, WI 537.
OTHERPHISE INDICATED TOP CHORD SHALL A PROPERLY ATTACHED RIGID CELLING. \*\*\*\*MANNING\*\* REUSES REQUER CITEDER CARE IN FAMILIATION, HANDING, SUPPLIE, DESTAILING AND BRACING.
REFER TO BEST QUILDING COMPONERS SELETY | HUMBANION), PURCH (2000 DENS COURETT OF ANTELES, 2000
CHIEDRISE LAME, MADISON, AN ASSAUDI ON SAFETY PROJECTS FROM TO PERFORMED HEST UNCTIONS. URLESS
OTHERWISE INDICATED 10P CHORD SMALL HAVE PROPERLY ATAICHED STRUCTURAL PARTY AND BOTTOM CHORD SMALL HAVE 7.36.00.

\*\*IMPORTANT\*\*\*URMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BGG, INC. SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH TPI; OR FARRICANTE, MARDLING. SHIPPING. INSTALLING A BRACING OF TRUSSES.

DESIGN COMPORES WITH APPLICABLE PROPERTIONS OF RASTONAL DESIGN SPEC. BY AFAFA) AND TPI.

LITH BGG
CONNECTOR PLATES ARE MADE OF 20/18/18GA (W.H/SS/K) ASIM A653 GRADE 40/60 (W.K/H.SS) GAV. STEEL, APPLY DESIGN SHOWN. THE S BUILDING DESIGNER PER PLATES TO EACH FACE OF TRUSS AND, UN ANY INSPECTION OF PLATES FOLLOWED BY 1716GA (4.1753/E) ASTA MASS GRADE 40760 (4. K/H.55) GALV, STEEL, APPLY DURLESS OFFICENTIES LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 150A-Z BY (1) SHALL BE FOR ARBEY AT DE THIS JOAN 250 SHALL BE PER ANNEX A3 OF TPI1-2002 SEC. TOWAL ENGINEERING RESPONSIBILITY SOLELY 2 SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT INC. IS THE RESPONSIBILITY OF THE

TW Building Components Group

ALPINE

FL CC 4 40 78



40.0

PSF

SEQN-

35466

0.0 PSF

HC-ENG WHK/WHK DRW HCUSR8228 08191001

10.0 PSF 10.0 PSF 20.0

24.0" 1.25

JRFF -

1TJ28228Z01

Bot chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3

Truss spaced at 24.0" OC designed to support 2-0-0 top chord outlookers. Cladding load shall not exceed 10.00 PSF. Top chord must not be cut or notched.

See DWGS All015EE0207 & GBLLETIN0207 for more requirements

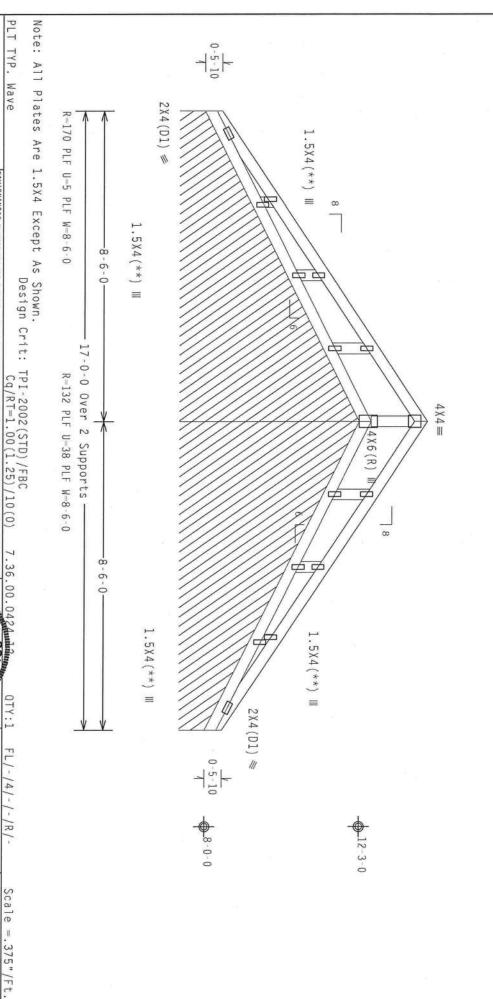
Shim all supports to solid bearing.

(\*\*) 4 plate(s) require special positioning. Refer plot details for special positioning requirements. to scaled plate

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures

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



ITW Building Components Group Inc.

DESIGN SHOWN. THE S BUILDING DESIGNER PER

ALPINE

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, ING. SHALL NOT BE RESPONSIBLE FOR NAW DEFIATION FROM THIS DESIGN, MAY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH FPI. OR FARRICATHOR, MANDLING, SHIPPIGE, INSTALLING & BRACING OF TRUSSES.

DESIGN COMPORES WITH MPPLICABLE PROPISIONS OF MIS (MATIONAL DESIGN SEEC, BY ALEAN) AND TPI. THE BCG COMMERTOR PLATES ARE MODE OF 20/18/166A (M.1/5/S/R) ASYM A633 GAADE 40/50 (M. K/M.5S) GALV STEEL. APPLY PLATES TO LACH FACE OF TRUSS AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DEMATRICS. AND THE SULFACE OF TRUSS AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DEMATRICS 160A-Z. AND THIS DESIGN STEEL OR THE SULFACE OF TRUSS AND THIS DESIGN STEEL AND THE SULFACE OF TRUSS AND THIS DESIGN STEEL OR THE SULFACE OF THE SULFACE OF THE SULFACE AS A SEAL ON THIS BRANDER. AS OF THIS DESIGN STEEL OR THE SULFACE OF THE SULFACE OF THE SULFACE OF THE TRUSS COMPONENT DESIGN SHOWN. THE SULFACE LITTY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

SOMA ENGINE

DUR.FAC.

1.25

TOT.LD.

40.0

PSF

SEQN-

35508

SPACING

SEE ABOVE

JREF -

1TJ28228Z01

TATE O

BC LL BC DL

PSF

HC-ENG WHK/WHK DRW HCUSR8228 08191134 TC DL TC LL

10.0 20.0 PSF

PSF

DATE REF

07/09/08

R8228- 95624

10.0 PSF 0.0

Haines City, FL 33844 FL CO<sup>A</sup> 40 778

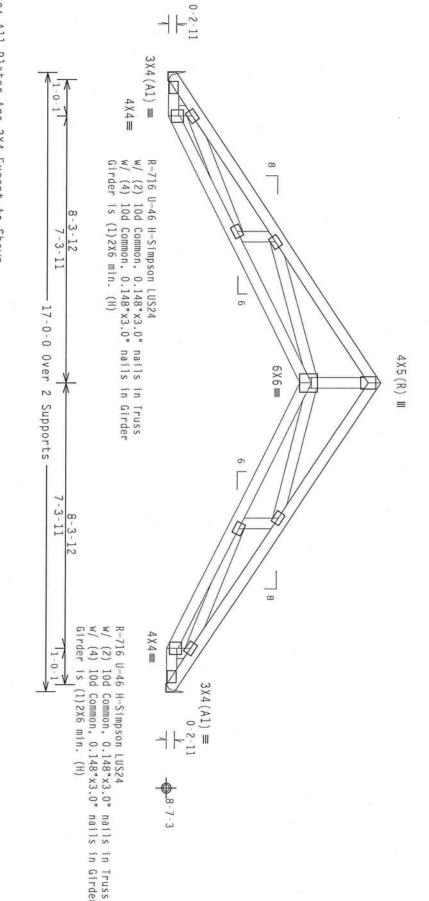
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Calculated horizontal deflection is 0.10" due to live load and 0.17" due to dead load.

Wind reactions based on MWFRS pressures

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



PLT TYP. Note: All Plates Are 3X4 Except As Shown.

Wave

Design Crit: TPI-2002 (STD) /FBC Cq/RT=1.00 (1.25) /10 (0)

QTY:1

REF DATE

R8228- 95625

07/09/08

Scale = .375"/Ft.

nails

in Girder

OTHERWISE INDICATED TOP CHORD SHALL A PROPERLY ATTACHED RIGHD CELLING. 000 PMI

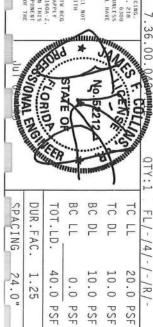
\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE NICG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BHILL THE TRUSS IN COMPORMANCE WITH TPI; OR FAREIGATHEN, HANDLING, SHEPPIG, INSTALLING A BRACING OF TRUSSES, TEXAS AND TPI. THE NICK CONTROL PROVISIONS OF HOS (MATIONAL DESIGN SPEC, BY ATEA) AND TPI. THE NICK CONTROL PROVISIONS OF HOS (MATIONAL DESIGN SPEC, BY ATEA) AND TPI. THE NICK CONTROL AND TRUSS OF A LY STELL, APPLY PLATES TO EACH FACE OF TRUSS, AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWHIGS 100A-Z, ANY INSPECTION OF PLATES FOLUMED BY (1) SHALL BE FER ANNY XA OF TPI-200Z SEC\_1. A SEA, ON THIS DESIGN OF PLATES OF THE TRUSS COMPONENT

DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMP BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

TW Building Components Group Inc.

ALPINE

FL CC 100 778



HC-ENG

WHK/WHK

SEQN-

35512

DRW HCUSR8228 08191135

JREF -

17J28228Z01

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

Max JT VERT DEFL: LL: 0.11" DL: 0.20" recommended camber

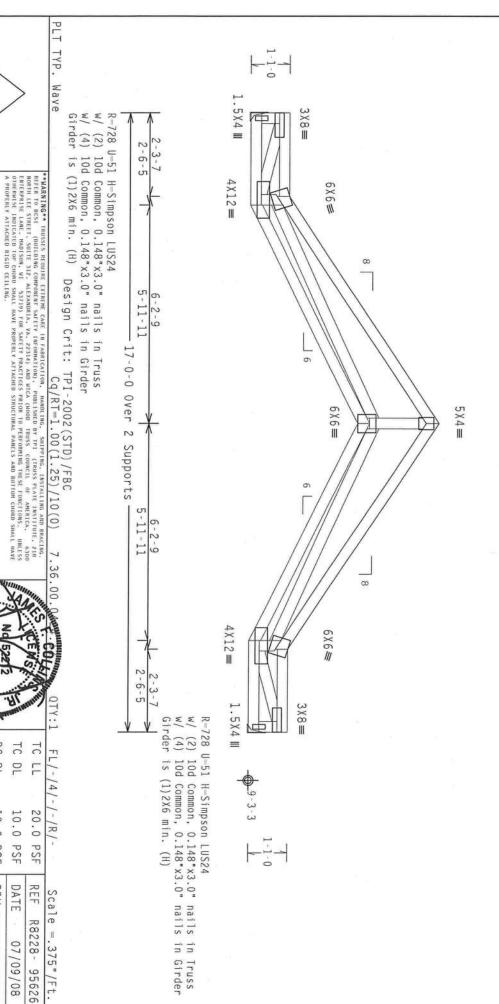
In lieu of structural panels use purlins to brace all flat TC @ 24"  $\,$  0C.

Provide for complete drainage of roof.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAI II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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



TW Building Components Group FL CC A MO 278

DESIGN SHOWN. THE S BUILDING DESIGNER PER

ALPINE

\*\*IMPORTANT\*\*Subbish a copy of this design to the installation contractor. The bcg, irc. shall not be responsible for any deviation from this design, the trailine for build the truss in componence with the ire; on farbicating, shalling, shipping, installing a bracing of frusses, design for the ire; on farbicating, shipping, installing a bracing of frusses, design for the bracing of the shalling and the ire conforms with adputage provisions of NDS (MATIGMA, DESIGN SPEC, DY ATAPA) and TPI. THE BCG CONNECTOR PLATES ARE MADE OF 20/19/16GA (M.1/85/N) ASTM ASSA GRADE 40/50 (M. K/M-SS) GAVE, SEE DRAINES (DANCE) DATE ARE THE DRAININGS AGOARZE.

(BY (1) SHALL HE OFFE MEMBERS OF STATE OF STATE

THE NO THESE

SS/ONAL ENGINEE

DUR.FAC. SPACING

24.0" 1.25

JREF -

11728228201

TOT.LD.

40.0

SEQN-HC-ENG

BC LL BC DL TC DL

0.0 PSF PSF

10.0 PSF 10.0 PSF

DRW HCUSR8228 08191127

WHK/WHK 35517

DATE

07/09/08

ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX AS OF IPI1-2002 SEC.3

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

Max JT VERT DEFL: LL: 0.12" DL: 0.20" recommended camber

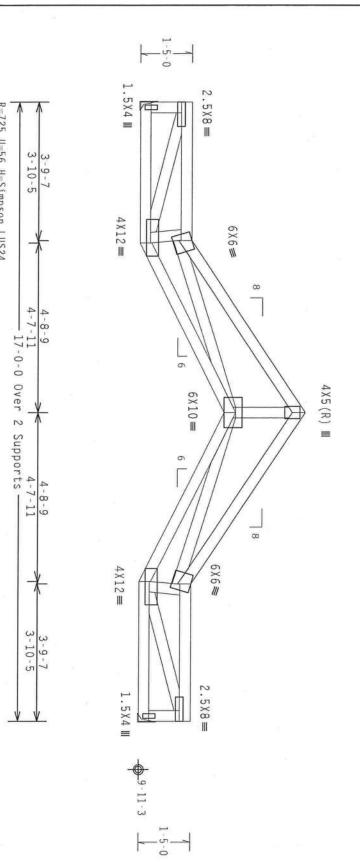
In lieu of structural panels use purlins to brace all flat TC @ 24"  $\,$  0C.

Provide for complete drainage of roof

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi (+/-)=0.18

Wind reactions based on MWFRS pressures

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



Wave w/ (2) w/ (4) Girder is (1)2X6 min. 10d Common, 0.148"x3.0" nails in Girder  $\Xi$ Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) Girdffyig (1)2x/6-1949. w/ (2) 10d Common, 0.148"x3.0" nails in Truss w/ (4) 10d Common, 0.148"x3.0" nails in Girder

PLT TYP.

R-725 U-56 H-Simpson LUS24

(2) 10d

Common, 0.148"x3.0" nails in Truss

R-725 U-56 H-Simpson LUS24

- /(H)R/-

nails in Girder

Scale = .375"/Ft.

95627

\*\*IMPORTANT\*\*\*URHISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATURG, SHADLING, SHEPPING, INSTALLING & BRACING OF TRUSSES.

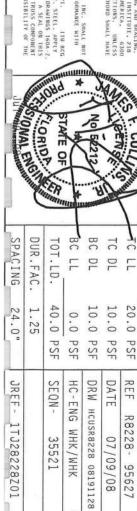
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HOS (NATIONAL DESIGN SPEC, BY AFRA) AND IPI.

CONNECTOR PLATES ARE MADE OF 20/18/16GA (N.M/SS/K) ASTN A653 GRADE 40/60 (N.K/H,SS) GAVE. TOWN ASTRONOMY. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWI ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE ENTERPRISE LANE, MADISON, WI 53: OTHERHISE INDICATED TOP CHORD SHAI A PROPERLY ATTACHED RIGID CEILING POSITION PER DR

DRAHING INDICATES A SEAL ON THIS

ITW Building Components Group Inc. Haines City, FL 33844 FL CC 4 40 778

ALPINE



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

Max JT VERT DEFL: LL: 0.11" DL: 0.19" recommended camber

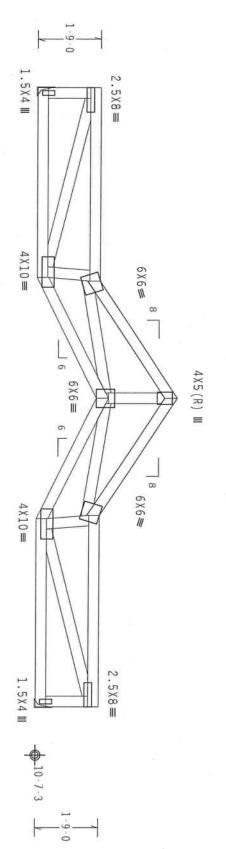
In lieu of structural panels use purlins to brace all flat TC @ 24" 0C.

Provide for complete drainage of roof

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAI II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi (+/-)=0.18

Wind reactions based on MWFRS pressures.

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



R-722 U-61 H-Simpson LUS24 5-2-5 3-3-11 -17-0-0 Over 2 Supports 3-3-11 5-2-5

w/ (2) 10d Common, 0.148"x3.0" nails in Truss w/ (4) 10d Common, 0.148"x3.0" nails in Girder Girder is (1) 2X6 min. (H) Design Crit: TPI 10d Common, 0.148"x3.0" nails in Girder

Wave Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

w/ (2) 10d w/ (4) 10d

10d Common, 0.148"x3.0" nails in Girder

Common, 0.148"x3.0" nails in Truss

(1) 2x/6- 1/4y-

(H)R/-

Scale = .375"/Ft. R8228- 95628

PSF

DATE REF

07/09/08

R-722 U-61 H-Simpson LUS24

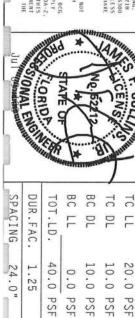
PLT TYP.

\*\*IMPORTANT\*\*\*URBHISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, IMC, SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE DISTOR COMPORMANCE WITH TPI; OR FARRICATING, INSHALLING, INSTALLING & BRACTHO OF TRUSSES, USED THE COMPORTANT OF THE ANALYSIS OF THE APPLICABLE PROVISIONS OF HIS (MATIDHAL DESIGN SPEC, BY AFREA) AND TPI. THE BCG. CONNECTOR PLATES ARE MADE OF 20/18/16GA (M.H/SS/FG) ASH MASS GRADE 40/66 (M. K/H.SS) GAVE, STEEL, APPLY BLANKES TO EACH TAKE OF TRUSS AND. UNLESS OTHER/ISL LOCATED ON THIS DESIGN, POSITION PER BRANKINGS 16GA-Z S OF HOS (MATIONAL DESIGN SPEC, BY AFRPA) AND TPI. ITW BCG LIMPSS/PS) ASIM A653 GRADE 40/60 (W. K/M.SS) GALV. STEEL, APPLY OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 168A-Z SEAL ON THE

TW Building Components Group

ALPINE

Haines City, FL 33844 FL CC \* #0.778



PSF PSF

HC-ENG

WHK/WHK 35525

DRW HCUSR8228 08191129

PSF

SEQN-

JREF -

1TJ28228Z01

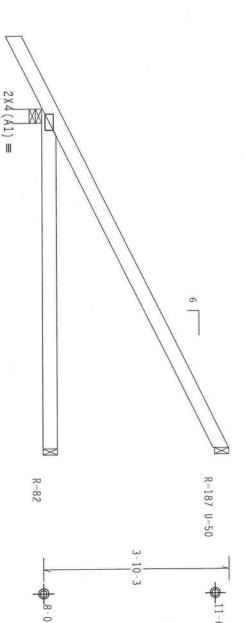
Bot chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense

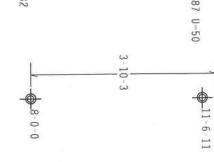
Roof overhang supports 2.00 psf soffit load

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures







Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

PLT TYP.

Wave

\*\*WARNING\*\* TRUSSES REDUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPINE, INSTALLING AND BRACING, REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 HORTH LEE STREET, SUITE 317, ALEXANDRA, VAN, 22314) AND WICK (MOOD TRUSS COUNCIL O MEDICA, 6300 ENTREMPASE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES BRIDE TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED FOR FORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED REGION CHORD SHALL HAVE

\*\*IMPORTANT\*\*\* FURNISH A GREY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BEG., INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPORMACE WITH PPI; OR FARRICKING, BANDLIGG, SHIPPING, INSTALLING & RACCING OF TRUSSES.

DESIGN CONFERRY WITH APPLICABLE PROVISIONS OF BUS (RATIONAL DESIGN SPEC, BY AFAPA) AND IPI.

THE BEG
CONNECTOR PLATES ARE MADE OF ZOING PLACK (PANISAC) ASTA ASS. GRADE 407-60 (H. &CH.) \$50 GALV. STEEL, APPLY
PLATES TO EACH FACE OF TRUSS AND, INLESS OTHERMISE COCATED ON THIS DESIGN, POSITION PER DRAWHINGS 150A-Z.

ANY HISPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMAY AS OF TRIL-ZOOZ SEC.3.

AS AS ALO OF THIS SECURITY SECURITY OF PROFESSIONAL ENGINEERING RESPONSED HITMS OF THE TRUSS COMPONENT ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY
HE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILD

ITW Building Components Group Inc.

ALPINE

Haines City, FL 33844 FL 278

BUILDING DESIGNER PER ANSI/TPI



0.0 PSF

DRW HCUSR8228 08191009 HC-ENG WHK/WHK

SEQN-

35264

JREF -

1TJ28228Z01

REF DATE

R8228- 95629

07/09/08

Scale =.5"/Ft.

Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense

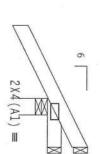
Roof overhang supports 2.00 psf soffit load

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures

R -56 Rw-25 U-41



0-10-3

R=-15 Rw=14 U=13



1-6-0-▶ 1-0-0 Over 3 Supports R=254 U-49 W-4"

Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

PLT TYP. Wave

\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, RETER TO BESS. (ROULDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE HISTITUE, 218 ADDRING LES FREET, SUITE 312, ACEXANDRIA, VA, 22314) AND VICE (MODD TRUSS COUNCIL OF AMERICA, 6300 TRUSPRISE LANE, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. DRILESS OTHERWISE LOCATION TO PORTOR CHOOSE SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHOOSE SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. 7.36.00.04

\*\*IMPORTANT\*\* FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESONDSTBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY TAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH PLEOR FAREIGN CONTROLLING. SHEPPING, HISTALLING A BRACING OF TRUSSES, DESIGN CONTROLLING. SHEPPING, HISTALLING A BRACING OF TRUSSES, DESIGN CONTROLLING. SHEPPING, HISTALLING AND ADDRESSED SEC. S. VARENA AND THE DESIGN CONTROLLING OF TRUSS AND DESIGN CONTROLLING AND THIS DESIGN. FORTING PROBABINGS HORA-Z. APPLY PLATES TO EACH FACE OF TRUSS AND. BULESS OTHERHISE LOCATED ON THIS DESIGN, POSTING PROBABINGS HORA-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANTEX A OF PITI-2002 SEC. S. A SEAA ON THIS DRAWING INDICATES ACCEPTANCE OF POPICESSIONAL ENGINEERING RESONSIBILITY SOLELY POR THE TRUSS COMPOUND DESIGN SHOWN. THE SUITABLITY AND USE OF THIS COMPOUND TOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUSING HORANGE OF POPICESSIONAL ENGINEERING ANY BUILDING IS THE RESPONSIBILITY OF THE

ITW Building Components Group Inc.

ALPINE

FL CC 1 JA 78

DESIGN SHOWN. THE SUITABILITY AND USE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



SPACING 24.0"	DUR.FAC. 1.25	TOT.LD. 40.0 PSF	BC LL 0.0 PSF H	BC DL 10.0 PSF [	DL 10.0 PSF	TC LL 20.0 PSF F
JRFF - 1T, 128228701		SEQN- 35270	HC-ENG WHK/WHK	DRW HCUSR8228 08191008	DATE 07/09/08	REF R8228- 95630

Scale = .5"/Ft.

Top chord 2x6 SP #2 Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3

Hipjack supports 7-0-0 setback jacks with no webs.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures

 $2 \times 4 (D1) =$ 4.24 [ 1.5X4 Ⅲ 3 × 4 ≡ 1.5X4 III 1.5X4 Ⅲ 1-0-0 3X4 == Ф 3 \ 4 ≡ R=451 U=6 R=188 U=51 2-9-14 9-0-0 8-0-0

R-327 U-30 W-5.657" 9-10-13 Over 3 Supports

Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

FL/-/4/-/-/R/-

Scale =.5"/Ft.

07/09/08

PLT TYP.

Wave

\*\*IMPORTANT\*\* FURBLES A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG. THC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE HRUSS IN COMPORANCE WITH FPI; ON FARELACING, HANDLERG, SIPPING, INSTALLING & BRACHING OF TRINSSES.

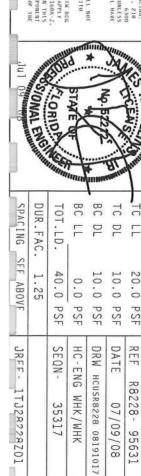
DESIGN COMPORES WITH APPLICABLE PROVISIONS OF DOS (MATIONAL DESIGN SPEC, BY ATSPA) AND TPI. THE CONTRACTOR THAT SET ARE DESIGN CONTROLLED ON THIS DESIGN CONTROLLED ON THIS DESIGN SPEC, BY ATSPA) AND TPI. THE CONTROLLED ON THIS DESIGN CONTROLLED ON THIS DESIGN, POSITION FER DRAWHING SHOWLD FOR THE DRAWS OF THIS DESIGN CONTROLLED ON THIS DESIGN, POSITION FER DRAWHING SHOWLD FOR THE PERSON OF THIS DESIGN CONTROLLED ON THE PERSON OF THIS DESIGN CONTROLLED ON THE PERSON OF THIS DESIGN CONTROLLED ON THE PERSON OF THE PERSON OF THE TRUSS COMPORED ON THE PERSON OF THE PERSON OF THE TRUSS COMPORED ON THE PERSON OF THE PERSON OF THE TRUSS COMPORED ON THE PERSON OF THE PERSON OF THE TRUSS COMPORED ON THE PERSON OF THE PERSON OF THE TRUSS COMPORED ON THE PERSON OF THE PERSON OF THE TRUSS COMPORED ON THE PERSON OF THE PERSON OF THE TRUSS COMPORED ON THE PERSON OF THE PERSON OF THE TRUSS COMPORED ON THE PERSON OF THE PERSON

BUILDING DESIGNER PER ANSI/TP1 1 SEC. 2. HILES OTHERWISE LOCATED ON THIS DESIGN, PER DEWLINGS 160A-Z.
BY (1) SMALL BEER AMEN'S AD (FIFT) 2002 SEC.3.
BY (1) SMALL BEER AMEN'S AD (FIFT) 2002 SEC.3.
BY (2) SMALL BEER AMEN'S AD (FIFT) 2002 SEC.3. OZ SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT IN IS IN THE RESPONSIBILITY OF THE

ITW Building Components Group Inc.

ALPINE

FL CC 4 40 278



1TJ28228Z01

35317

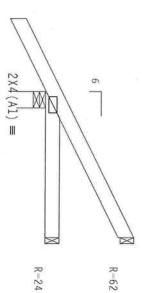
Top chord 2x4 SP Bot chord 2x4 SP #2 Dense #2 Dense

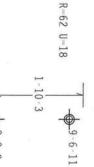
Roof overhang supports 2.00 psf soffit load

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures







Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

TYP.

Wave

\*\*WARNING\*\* RUSSES BEQUIRE EXTREME CARE IN FARRICATION, MANDLING, SHIPPING, INSTALLING AND BRACING.
REFER TO BESS (BUILDING COMPONER) SAFETY INFORMATION), PUBLISHED OF TPI (FUNSS PLATE INSTITUIT, 218
MORTH LEE STREE, SHITE 375. ALEXANDRA, VA, 22314) AND HIGA (MODO) FRUSS COUNCIL OF AMERICA, 6300
ERIESPRESE LAKE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HIES FUNCTIONS, UNLESS
OTHERWISE HOUGHAULTHOOP CORROR SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

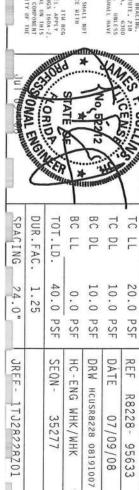
\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BGG, INC. SHALL NOT BE RESPONSIBLE FOR NAW DEVIATION FROM THIS DESIGN, ANY FAILURE FO BUILD THE TRUSS IN COMPORMANCE WITH IP: OR FARREACHING, HANDLING, SHEPPIRG, HISTALLING A BRACIEGO OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF DRUS (MATIONAL DESIGN SPEC, BY ANTER) AND IPI. THE BGG CONNECTOR PLATES ARE MADE OF 20/18/166A (W.H/SS/N). ASTM A683 GRADE 40/60 (W. K/M.SS) GALV STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERHISE LOCATED ON THIS DESIGN, POSITION PER DRAWHIGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE FER ANNEX AS OF FRIT-2002 SEC. 3. A SEAL ON THIS DESIGN SPECIAL ASTERNATION OF PLATES FOLLOWED BY (I) SHALL BE FER ANNEX AS OF FRIT-2002 SEC. 3. A SEAL ON THIS DRAWING INDICARES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLICY FOR HET THESE COMPONENT OF THE DESIGN SHOWN. THE SULFACE OF THE TRUSS COMPONENT OF THE STREET OF THE SULFACE OF THE TRUSS COMPONENT OF THE STREET OF THE SULFACE OF THE TRUSS COMPONENT OF THE SULFACE OF

ITW Building Components Group

ALPINE

Haines City, FL 33844 FL COA #0 278



WHK/WHK

35277

07/09/08

1TJ28228Z01

FL/-/4/-/-/R/-

Scale = .5"/Ft.

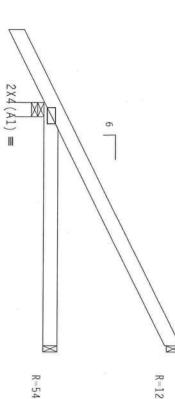
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense

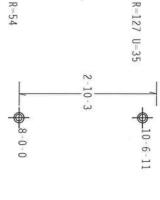
Roof overhang supports 2.00 psf soffit load

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi (+/-)=0.18

Wind reactions based on MWFRS pressures.







Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

PLT TYP.

Wave

\*\*HARNING\*\* HRUSES BEQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESS. (BUILDING COMPONENT SAFETY BEOMAZION), PUBLISHED BY THE (IRUSE PLATE INSTITUIT, 218 MORTH LEE STREE, SUITE 312, ALEXANDEAN, VA, 2214) AND UTCA, (ROOD TRUSE COUNCIL OF AMERICA, 6300 EHREBERSE LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERPORHIG INSE FUNCTIONS, UNLESS OFHERISE LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERPORHIG INSE FUNCTIONS, UNLESS APROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

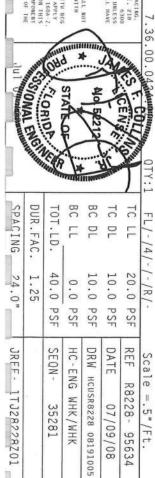
\*\*IMPORTANT\*\* FORMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BEGS, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE BRUSS IN COMPORNANCE WITH THE TOTAL OR FLAREFACTION, AND UNG. SUPPLY, INSTALLIGA & BRACHES OF TRUSSES, BUSICA CONFORMS WITH APPLICABLE PROPYSIONS OF DIDS (MATIONAL DESIGN SEC. B. AFERA) AND THE GCOMPORNS WITH APPLICABLE PROPYSIONS OF DIDS (MATIONAL DESIGN SEC. B. AFERA) AND THE GOOD CONFECTOR PLATES ARE MADE OF 2018/19/GAG, CHAINSYN, ASTR AGES BRADE 40/GO CH. K/M.SS) GALV. SIEL. APPLICABLES TO EACH FACE OF TRUSS AND. UNICES OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWHOS 150A-Z. ANY INSPECTION OF PLATES FOLIOHED BY (1) SHALL BE PER ARMEX AS OF PD11-2002 SEC. 3. A SEAL ON THIS DRAWHOS INDICATES ACCEPTANCE OF PROPESSIONAL TREGLETER RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF THE STATE ACCEPTANCE OF THE TRUSS COMPONENT OF THE STATE ACCEPTANCE OF THE STATE ACCEPTANCE OF THE TRUSS COMPONENT OF THE STATE ACCEPTANCE OF THE STATE ACCEPTANCE OF THE TRUSS COMPONENT OF THE STATE ACCEPTANCE OF TH

DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMP BUILDING DESIGNER PER ANSI/TPI I SEC. 2.

ITW Building Components Group Inc.

ALPINE

Haines City, FL 33844 FL COA #0 278



WHK/WHK 35281

1TJ28228Z01

R8228- 95634

07/09/08

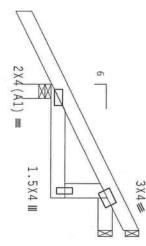
Top chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3

Roof overhang supports 2.00 psf soffit load

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures







1-6-0->

3-0-020ver03 Supports

R-262 U-25 W-3.5"

Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

FL/-/4/-/-/R/-

07/09/08

PLT TYP.

Wave

\*\*MARNING\*\* IBUSSES BEQUIRE EXTERME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST (BUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. ZZ314) AND MICA (4000 TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LAME, MANISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMENCE THE CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR NAW DEVIATION FROM THIS DESIGN, ANY FAILURE FOR BUILD THE TRUSS IN COMPORMANCE WITH FPI; ON FARRICAPHING, HANDLING, SHEPPING, INSTALLING A BRACTING OF TRUSSES.

DESIGN COMPORES WITH APPLICABLE PROVISIONS OF BIDS (MATIONAL DESIGN SPEC, BY ASENA) AND TPI. ITH BCG COMPORES WITH APPLICABLE PROVISIONS OF BIDS (MATIONAL DESIGN SPEC, BY ASENA) AND TRUSSES OF SPECIAL SPECIAL APPLY DESIGN COMPORTS AND UNLESS OTHERHISE LOCATED ON THIS DESIGN, POSITION FER BRAIDING SPECIAL POSITION FOR BRAIDING SPECIAL PROVISION FOR BRAIDING SPECIAL PROPERTY AND THIS DESIGN FOR SPECIAL PROVISION FOR BRAIDING SPECIAL PROPERTY AND THIS DESIGN FOR SPECIAL PROVISION FOR BRAIDING SPECIAL PROPERTY AND THE PROPERTY AND

DUSIGN SHOWN. THE SUITABILLITY AND WORLDLING DESIGNER PER ANSIZIPI 1 SEC. 2. BUILDING IS THE RESPONSIBILITY OF THE

ITW Building Components Group Inc.

ALPINE

Haines City, FL 33844 FL COA #0 778

40HDP ₽C [[ BC DL SPACING # ₽ DUR.FAC. TOT.LD. IC LL 40.0 20.0 24.0" 1.25 10.0 PSF 10.0 PSF 0.0 PSF PSF PSF JREF -SEQN-DATE REF HC-ENG WHK/WHK DRW HCUSR8228 08191012 Scale =.5"/Ft. R8228- 95635 11728228201

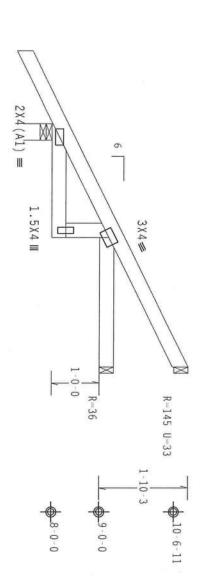
Bot chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3

Roof overhang supports 2.00 psf soffit load

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi (+/-)=0.18

Wind reactions based on MWFRS pressures



1-6-0->

R=331 U=24 W=4" 5-0-0 Over ω Supports 2-8-0

Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

PLT TYP.

Wave

\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, RIFER TO BOSI (BUILDING COMPONERS SAFETY INVORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 1127, ALEXANDRAIN, NA, 22214) AND WITCA (MODD TRUSS COUNCIL OF AMERICA, 6300 CHRIEBERISE LAME, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERNISE HINGLATED FOR CHOODS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARICIS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CELLING.

\*\*IMPORTANT\*\*\*purhish a copy of this design, any fallure to botton contractor. The book since, since, shall not be responsible for any deviation from this design, any fallure to botto the tries in compornance with ppi; on farificating, handling, simplying, histalling a bracing of triesses.

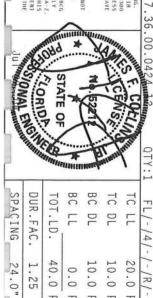
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DESIGN SHOWN. THE SUITABILITY AND USE BUILDING DESIGNER PER ANSI/TPI I SEC. 2. SOLELY FOR THE TRUSS COMPONENT NG IS THE RESPONSIBILITY OF THE

ITW Building Components Group Inc.

ALPINE

FL COA #0 278



20.0 PSF

REF

95636

Scale =.5"/Ft. R8228-

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

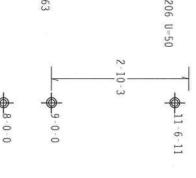
Roof overhang supports 2.00 psf soffit load

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi (+/-)=0.18

Wind reactions based on MWFRS pressures

MD 1.5X4 III 3×4/ R=63 R-206 U-50



1-6-0-

 $2X4(A'1) \equiv$ 

R=408 U=24 W=4" 2-4-0 7-0-0 Over 3 Supports 4-8-0

Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

PLT TYP.

Wave

\*\*WARNING\*\* RUSSES REDUIRE EXTREME CARE IN FABRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST (BUILDING COMPONENT SAFETY IMPORATION), PUBLISHED BY TPI (TRUSS BLAFE INSTITUTE, 2718 MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22134) AND WICA (HOOD TRUSS COUNCIL OF AMERICA, 6300 ERTERPISE LANE, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE TUNCTIONS. UNLESS OTHERHISE HADICALED TOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE AMERICA, 6300 UNCTIONS, UNLESS M CHORD SHALL HAVE

\*\*IMPORTANT\*\*\*UNRISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, SET ALTURE TO BUILD THE TRUSS IN COMPORANCE WITH IP: OR FAREICATION. INDUITING. SHEPPING. INSTALLING A BRACING OF TRUSSES.

DESIGN CONTORES WITH APPLICABLE PROVISIONS OF BDS (MAITONA DESIGN SPEC. BY AFRA) AND TPI.

DESIGN CONTORES WITH APPLICABLE PROVISIONS OF BDS (MAITONA DESIGN SPEC. BY AFRA) AND TPI.

CONNECTOR PLATES ARE MADE OF 20/18/166A (M.M/SS/K) ASTH A653 GRADE 40/60 (M. K/M.SS) GALV. STEEL. APPLY

PLATES TO EACH TAKE OF TRUSS AND. UNLESS OFHERWISE LOCATED ON THIS DESIGN, POSITION FOR DRAWINGS 166A-Z

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANNEX AS OF TPIL-2002 SEC.3. A SEAL ON THIS

ITW Building Components Group Inc.

ORANING INDICATES

ALPINE

Haines City, FL 33844 FL COA #0.278

DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMP BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

SPACING DUR.FAC. TOT.LD.

24.0"

JREF-

1TJ28228Z01

ATE OF

BC LL BC DL TC DL C

0.0 PSF PSF

HC-ENG

WHK/WHK 35307

40.0 1.25

SEQN-

FL/-/4/-/-/R/-

F

20.0

PSF

REF

R8228- 95637

Scale = .5"/Ft.

10.0 PSF

DATE

07/09/08

10.0 PSF

DRW HCUSR8228 08191016

# ASCE 7-02: 110 MPH WIND SPEED, 15 MEAN HEIGHT, ENCLOSED, 11 1.00, EXPOSURE 0

		M 2				.(		A I	J.		6	,,	V	5000	.(				A 2	L 4	,,	L	C	1.	C	л.	H	
		į į	U T	1	TII	I I	לולט	N J J			1	ひて	<u>1</u>	TIT	L 可	לקק	O J			1	7	)	TIT	I I	U T	Q T T	SPACING SPECIES	GABLE VERTICAL
STANDARD	STUD	#3	#2	#1	STANDARD	STUD	#3	#1 / #2	STANDARD	STUD	#3	#22	#1	STANDARD	STUD	#3	#1 / #2	STANDARD	STUD	#3	#2	#1	STANDARD	STUD	#3	#1 / #2	GRADE	BRACE
4' 11"	5, 0,		1	15	4' 9"		4' 9"		4, 5,						4' 4"			3' 10"	4. 0.		4. 2"	4' 3"	3' 9"	3, 9,	3' 9"	3' 10"	BRACES	NO
7' 5"	8, 5,		8, 5,	8. 5,		8,	8, 5,	8, 5,	6, 5,	7' 6"		7' 8"	1.5	1	7' 4"	7' 4"	7' 8"	1.3	6' 1"		100	6' 8"	5 2	6' 0"	- 1	6' 8"	GROUP A	(1) 1X4 "L"
7' 5"	8' 7"	8' 5"	9' 1"	9, 1,	1	8' 5"	8, 5,	8' 8"	6, 5,"	7' 6"		1	8 3"	6' 4"	7' 4"		7' 10"	5, 3,	6' 1"	6, 2,	7' 2"	7' 2"	-33	6' 0"	6' 0"	6' 10"	GROUP B	BRACE •
9' 10"	10' 0"	10' 0"	10' 0"	10, 0,	9' 7"	1	10' 0"	10' 0"	8' 6"	9, 1,,	9' 1"	9' 1"	9' 1"	8. 4.	9, 1,	9' 1"	9' 1"	6' 11"	7' 11"	7' 11"	7' 11"	7' 11"	6' 9"	7' 11"	7' 11"	7' 11"	GROUP A	(1) 2X4 ·
9' 10"	10' 6"	10' 6"	10′ 9″	10' 9"	9' 7"	10' 0"	10' 0"	10' 3"	8' 6"	9' 6"	9' 6"	9' 9"	9' 9"	8' 4"	9' 1"	9' 1"	9' 4"	6' 11"	8' 0"	8' 1"	- 1	8' 6"	6' 9"	7' 11"	7' 11"	8' 1"	GROUP B	"L" BRACE .
11' 11"	111' 11"	11' 11"	11' 11"	11' 11"	111' 11"	11' 11"	11' 11"	11' 11"	10' 10"		10' 10"	10' 10"	10' 10"	10' 10"	10' 10"	10' 10"	10' 10"	9' 4"	9' 5"	9' 5"	9' 5"	9' 5"	9' 1"	9' 5"	9' 5"	9, 5,	GROUP A	(2) 2X4 "L"
12, 3,		12' 6"		12' 10"	11. 11.	11' 11"	11' 11"	12' 3"	11" 1"	11' 4"	11' 4"	11' 8"	11' 8"	10' 10"	10' 10"	10' 10"	11, 1,	9' 4"	9' 11"	9' 11"	- 51	10' 2"	9, 1,,		9' 5"	9' 8"	GROUP B	" BRACE **
14′0"		14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	13' 3"		14' 0"	14' 0"		12' 11"	14' 0"	14' 0"	14' 0"	10' 10"		12' 5"			-	12' 3"		12, 2,	GROUP A	(1) 2X6 "L"
								14' 0"																			GROUP B	" BRACE *
								14' 0"												2.3	14' 0"	- 1	-	14' 0"	-61	14' 0"	GROUP A	(2) 2X6 "L"
14, 0,"	14′ 0″	14. 0.	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14. 0.	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	- 1	14' 0"	GROUP B	L" BRACE **

DOUGLAS FIR-LARCH

SOUTHERN PINE

STANDARD #3

STANDARD

#3

GROUP

Ä

HEM-FIR

#1 / #2 STANDARD #3 STUD

#3

STANDARD STUD

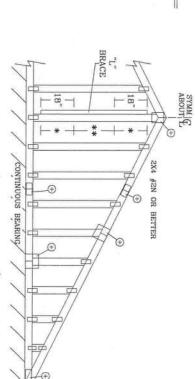
SPRUCE-PINE-FIR

BRACING GROUP SPECIES AND GRADES:

GROUP

A:

HEM-FIR



BRACE IS USED. CONNECT DIAGONAL BRACE FOR 600# AT EACH END. MAX WEB DOUBLED WHEN DIAGONAL DIAGONAL BRACE OPTION: VERTICAL LENGTH MAY BE

GABLE TRUSS

TOTAL LENGTH IS 14".

VERTICAL LENGTH SHOWN IN TABLE ABOVE.

2X4 STUD, #3 OR BETTER DIAGONAL BRACE; SINGLE OR DOUBLE CUT (AS SHOWN) AT

UPPER END.

CONNECT DIAGONAL AT MIDPOINT OF VERTICAL WEB.

REFER TO CHART ABOVE FOR MAX CABLE

VERTICAL LENGTH.

GABLE TRUSS DETAIL NOTES:

SOUTHERN PINE #1 #2

DOUGLAS FIR-LARCH

#12

GABLE END SUPPORTS LOAD FROM 4' 0" OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" PLYWOOD OVERHANG. PROVIDE UPLIFT CONNECTIONS FOR 80 PLF OVER CONTINUOUS BEARING (5 PSF TC DEAD LOAD). LIVE LOAD DEFLECTION CRITERIA IS L/240.

ATTACH EACH "L" BRACE WITH 10d NAILS.

\* FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C.

\* FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C.

IN 18" END ZONES AND 6" O.C. BETWEEN ZONES.

IN 18" END ZONES AND 6" O.C. BETWEEN ZONES. MEMBER LENGTH. BRACING MUST BE A MINIMUM OF 80% OF WEB

+ REF PEA	GRE/	GRE/	LESS	V	NO
REFER TO COMMON TRUSS DESIGN FOR PEAK, SPLICE, AND HEEL PLATES.	GREATER THAN 11' 6"	GREATER THAN 4' 0", BUT LESS THAN 11' 6"	THAN 4	ERTICAL LENGTH	GUDDE ABUTTOUT LIVIE STORES
COM	NAH	L NVI	4.0	AL LE	TAIRTA
MON	11' 6	6,0	-	NGTH	TOAL
TRUS		. BUT			L LAM
S DES			1X4	NO	10 4
ES.	2.5X4	2X4	1X4 OR 2X3	NO SPLICE	21777
FOR			2X3	ICE	0

MAX. SPACING 24.0"	MAX. TOT. LD. 60 PSF				
SPA(	TOT.				
DNIC	ID.				
23	60				
.0"	PSF				
		-ENG	DRWG	DATE	REF
			DRWG A11015EE0207	2/23/07	ASCE7-02-GAB11015

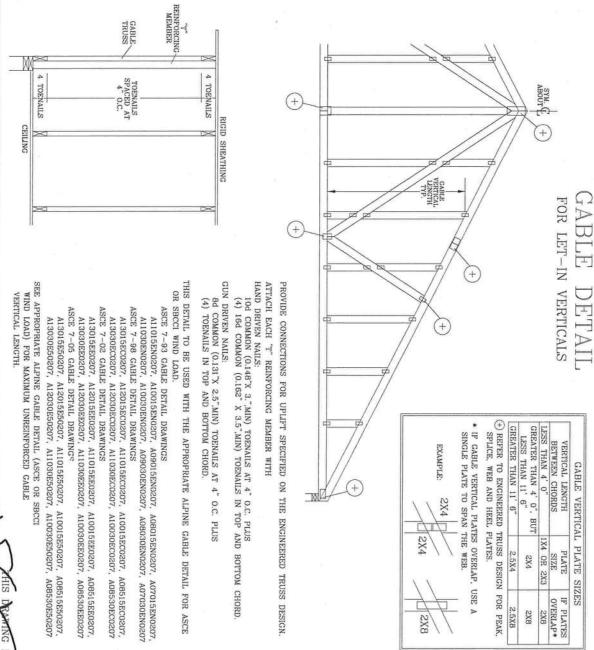
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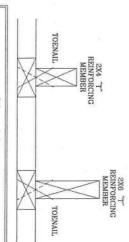
ITWBUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

ALPINE

\*\*VARNING\*\* TRUSSES REDUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING BRACING, SEFER TO BEST GBULDING COMPONENT SAFETY INSTRUMATION, PUBLISHED BY TPI CIRILSS INSTITUTE, 218 MORTH LEE SER, SUITE 312, ALEXANDRIA, VA. 22343 AND VTCA VOQDO TRUSS COUN AMERICA, 6300 ENTERPRISE LN, MADISTM, VI 33719) FOR SAFETY PRACTICES PRIGE TO PERFORMING FUNCTIONS. UNLESS OTHERWISE INDICATED, TO PERFORMING FUNCTIONS. UNLESS OTHERWISE INDICATED, TO PERFORM SHALL HAVE PROPERLY ATTACHED STRUMO PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. \* CEN No. 52212 STATE OF

CANONAL ENGINE





TO CONVERT FROM "L" TO "T" REINFORCING MEMBERS, MULTIPLY "T" FACTOR BY LENGTH (BASED ON GABLE VERTICAL SPECIES, GRADE AND SPACING) FOR (1) 2X4 "L" BRACE, GROUP A, OBTAINED FROM THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR SBCCI WIND LOAD.

MAXIMUM ALLOWABLE "T" REINFORCED GABLE VERTICAL LENGTH IS 14' FROM TOP TO BOTTOM CHORD.

WEB LENGTH INCREASE W/ "T" BRACE

30 FT	70 MPH	15 FT	70 MPH	30 FT	80 MPH	15 FT	80 MPH	30 FT	90 MPH	15 FT	90 MPH	30 FT	100 MPH	15 FT	100 MPH	30 FT	110 MPH	15 FT	110 MPH	AND MRH
2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	"T" REINF. MBR. SIZE												
2 01	2 01	0 %	0 %	20 %	20 %	10 %	2 01	30 %	10 %	20 %	20 %	40 %	2 01	30 %	10 %	50 %	2 01	40 %	10 %	SBCCI
30 %	20 %	20 %	20 %	40 %	2 01	30 %	20 %	50 %	2 01	40 %	10 %	40 %	2 01	50 %	2 01	50 %	10 %	50 %	2 01	ASCE

DRAWING REPLACES DRAWINGS GAB98117 876,719 & HC26294035

MAXIMUM "T" REINFORCED GABLE VERTICAL 1.10 x 6' 7" = 7' 3"

LENGTH

"T" BRACE INCREASE (FROM ABOVE) = 10% = 1.10 (1) 2X4 "L" BRACE LENGTH = 6' 7" ASCE WIND SPEED = 100 MPH
MEAN ROOF HEIGHT = 30 FT
GABLE VERTICAL = 24" O.C. SP #3

"T" REINFORCING MEMBER SIZE = 2X4

TORIOT ST	STATE OF	×	No. 33	SEASON OF THE PERSON OF THE PE	· FCOL	ナマト
MAX SPACING 24.0"	DUR. FAC. ANY	MAX TOT. LD. 60 PSF				
			-ENG D	DRWG G	DATE 2	REF L
			DLJ/KAR	GBLLETIN0207	2/23/07	LET-IN VERT

ITWBUILDING COMPONENTS GROUP, INC. POMPANO BEACH, FLORIDA

WHORDERANIES FURNISH COPY OF THIS DESIGN TO INSTALLATION CONFRACTOR. IT WERE, INC.

NOT BE RESONABLE FOR ANY BEYARDIN FROM HIS DESIGN, ANY FAILURE OF BUILD THE FRISS.

CORPERMANCE VITH TRUDE FARRICATION FROM HIS DESIGN, ANY FAILURE OF BUILD THE FRISSES.

BESSIGN CONVECTOR PLATES ARE MORE OF BOYDERING, INSTALLING & BRACKING OF FRISSES.

BESSIGN CONVECTOR PLATES ARE MORE OF BOYDERING OF THIS SAY, ASTH ASSOS CHAREAVES LUCATED ON THIS

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BESSIGN POSITION PER DRAWNOS SOOD—Z. ANY MASPECTION OF PLATES FOILURED BY OT SHALL BE

WASKEY AS OF THE FORDER SEC. 3. A SEAL ON THIS DRAWNOR UNIDERED SECONATION TO SHALL BE

LOUNTEENING RESONABILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHAPEN. THE SHITCHING DESIGNER, BE

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WASKEY AS OF THE COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, BE

\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI CIRUSS PLATE INSTITUTE, 218 NUBTH LEE SER, SUITE 312, ALEXANDRIA, VA 22314) AND WTGA COUNT RUSS COUNCIL MERICA, 6300 ENTERPRISE LN, HADISIN, VI 53719) FIR SAFETY PRACTICES PRIDE TO PERFORMING TAKES COUNTIL TRUSS, COUNTIL TR

ALPINE

# CLB WEB BRACE SUBSTITUTION

THIS DETAIL IS TO BE USED WHEN CONTINUOUS LATERAL BRACING (CLB) IS SPECIFIED ON AN ALPINE TRUSS DESIGN BUT AN ALTERNATIVE WEB BRACING METHOD IS DESIRED.

# NOTES:

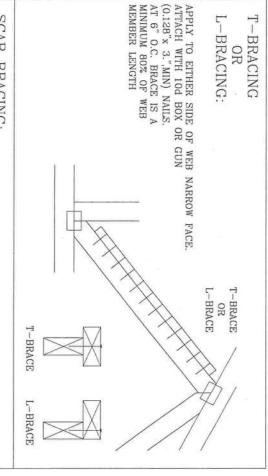
THIS DETAIL IS ONLY APPLICABLE FOR CHANGING THE SPECIFIED CLB SHOWN ON SINGLE PLY SEALED DESIGNS TO T-BRACING OR SCAB BRACING.

ALTERNATIVE BRACING SPECIFIED IN CHART BELOW MAY BE CONSERVATIVE. FOR MINIMUM ALTERNATIVE BRACING, RE-RUN DESIGN WITH APPROPRIATE BRACING.

2X6 2 ROWS 2X6	1 ROW	2X3 OR 2X4 1 ROW 2X4 2X3 OR 2X4 2 ROWS 2X6	WEB MEMBER SPECIFIED CLB ALTERNATIVE SIZE BRACING T OR L-BRACE
	1-2X6 2-2X4(*	1-2X4 2-2X4	ALTERNATIVE BRACING -BRACE SCAB BRACE

T-BRACE, L-BRACE AND SCAB BRACE TO BE SAME SPECIES AND GRADE OR BETTER THAN WEB MEMBER UNLESS SPECIFIED OTHERWISE ON ENGINEER'S SEALED DESIGN.

(\*) CENTER SCAB ON WIDE FACE OF WEB. APPLY (1) SCAB TO EACH FACE OF WEB.



# SCAB BRACING:

APPLY SCAB(S) TO WIDE FACE OF WEB.

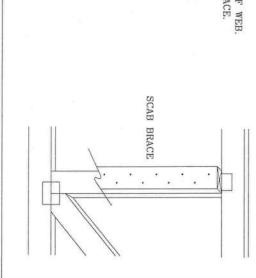
NO MORE THAN (1) SCAB PER FACE.

ATTACH WITH 10d BOX OR GUN

(0.128"x 3.",MIN) NAILS.

AT 6" O.C. BRACE IS A MINIMUM

80% OF WEB MEMBER LENGTH



THIS DRAWING REPLACES DRAWING 579,640

PSF REF

CLB SUBST



\*\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESS (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE CITRUSS PLATE INSTITUTE, 218 MIRTH LEE STR., SUITE 312, ALEXANDRIA, VA. 22349 AND VICA CYCOLD ITRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, VI 53719) FOR SAFETY PRACTICES PRIDE TO PERFORMING THESE FUNCTIONS. ONLESS OTHERWISE NOISHED, THE NIDED SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

\*\*\*IMPORTANT\*\*\* FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. 11V BCG, INC. SHALL

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WHORDER ANIMAL FURNISH CORY OF THIS DESIGN TO INSTALLATION CONTRACTOR TO MICH THE SEG. INC. SHALL NOT BE RESPONSUBLE COR MAY DEVIAID. HERE AND THE TASKS IN ANY DELLAR OF THE SEG. IN A FERNANCE WITH A PER LOCAL PROPERTY OF THE SEG. IN A FERNANCE WITH A PER LOCAL PROPERTY OF THE SEG. IN A FERNANCE WITH A PER LOCAL PROPERTY OF THE SEG. IN A SEG. I



DUR. FAC.	TOT. LD.	BC LL	T BC DL	TC DL	
FAC.	LD.			L	
	PSF	PSF	PSF	PSF	
		-ENG	DRWG	DATE	
		MLH/KAR	BRCLBSUB0207	2/23/07	

### PRODUCT APPROVAL SPECIFICATION SHEET

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below if they will be utilized on the construction project for which you are applying, for a building permit. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products.

Category/Subcategory	Manufacturer Manufacturer	Product Description	Approval Number(s)
1. Exterior Doors	1744144140turer	Trouber Description	ripprovar rumoer(s)
A. Swinging	Plast Pro, Inc	3068 &6068 Fiberglass	4760.1 & 4760.2
B. Sliding	Capital	8065	7055.1
C. Sectional	Raynor	Classic Sectional	FL-3070
O, Boottomi	, , , , , , , , , , , , , , , , , , , ,	Garage Door	123070
D. Roll Up	Jasnus	Model 3100-Rolling	FL-2274
	Contract surresponse	Sheet Door	
E. Automatic			
F. Other			
2. Windows			
A. Shingle Hung	Capital	48x84	6029.7
B. Horizontal Slider	Capital	126x59	6024.4
C. Casement			
D. Double Hung	Danvid	Single Hung Windows	FL1369
E. Fixed	Capital	96x72	6028.20
F. Awning			
G. Pass Through			
H. Projected			
I. Mullion			
J. Wind Breaker			
K. Dual Action			
L. Other			
3. Panel Wall			
A. Siding	Alcoa	Vinyl Siding	FL1621
B. Soffits	ASI Building Pro	Aluminum & Vinyl Soffit	FL5546 1&2
C. Eifs			
D. Storefronts			
E. Curtain Walls			
F. Wall Louver			
G. Glass Block			
H. Membrane			
I. Greenhouse			
J. Other			
4. Roofing Products			
A. Asphalt Shingles	Tamko	30 Year shingles asphalt	FL373
B. Underlayments			
C. Roofing Fasteners			
D. Non-Structural Metal			
Roofing			
E. Wood Shingles and			
Shakes			
F. Roofing Tiles			
G. Roofing Insulation			
H. Water Proofing			
I. Built Up Roofing-			
Roofing System			
J. Modified Bitumen			

K. Single Ply Roof			
System			
L. Roofing Slate		_	
M. Cements-Adhesives			
Coating			
N. Liquid Applied Roof			
System			
O. Roof Tile Adhesives			
P. Spray Applied			
Polyurethane Roof			
Q. Other			
5. Shutters			
A. Accordion			
B. Bahama			
C. Storm Panels			
D. Colonial			
E. Roll Up			
F. Equipment			
G. Others			
6. Skylights			
A. Skylights			
B. Other			
7. Structural			
Components			
A. Wood	Simpson Strong	Wood	FL1474
Connectors/Anchors		Connectors/Anchors	
B. Plastics			
C. Deck-Roof			
D. Wall			
E. Sheds			
F. Truss Plates	Alpine Engineered	Pro Built-Alpine Truss Plates	FL1999
G. Engineered Lumber	LPEWP	Laminated Beams, I Joist	FL1511
H. Railing			
I. Coolers/Freezers			
J. Concrete Admixtures			
K. Material			
L. Insulation Forms			
M. Other			
8. New Exterior			
Envelope Products			
A.			
B.			
D			

The Products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following must be available to the inspector on the job site;

Samantha	Harrinoton		
Applicant Signature	coorgon	Date	

<sup>1)</sup> Copy of the product approval. 2) The performance characteristics, which the product was tested and certified to comply with. 3) Copy of the applicable manufactures installation requirements. Further, I understand these products may have to be removed if approval cannot be demonstrated during inspection.

# Columbia County Building Department Culvert Waiver

Culvert Waiver No. 000001666

		000001000
DATE: 08/29/2008 BUILDING PERMIT NO.	27295	
APPLICANT BARBARA WEBSTER	PHONE <u>719-</u>	7143
ADDRESS 125 SW MIDTOWN PLACE	LAKE CITY	FL 32055
OWNER VENTURE POINTE, LLC	PHONE 755-08	808
ADDRESS 198 SW HYDRAULIC WAY	LAKE CITY	FL 32024
CONTRACTOR ISAAC CONSTRUCTION	PHONE 719-7	143
LOCATION OF PROPERTY 47S, TL ON HYDRAULIC WAY, 3	RD LOT ON LEFT	
3		
SUBDIVISION/LOT/BLOCK/PHASE/UNIT		
PARCEL ID # 35-4S-16-03281-004		
LHEREBY CERTIES THAT I UNDERCTAND AND WHILEHLIV CO	OMBLV WITH THE DECL	SION OF THE COLUMBIA
I HEREBY CERTIFY THAT I UNDERSTAND AND WILL FULLY CO COUNTY PUBLIC WORKS DEPARTMENT IN CONNECTION WITH		
SIGNATURE: Y Balana Webst		
A SEPARATE CHECK IS REQUIRED		50.00
MAKE CHECKS PAYABLE TO BCC	Amount Pai	d <u>50.00</u>
PUBLIC WORKS DEPARTMEN	T USE ONLY	
I HEREBY CERTIFY THAT I HAVE EXAMINED THIS APPLICATION	ON AND DETERMINED TI	HAT THE
CULVERT WAIVER 1S:		
APPROVED	NOT APPROVED -	NEEDS A CULVERT PERMIT
COMMENTS: 10 Colvert Mulul	No Ditcher	ON
By drav Lie WAY		
SIGNED: Jan June DA	TE: <u>09-03-08</u>	

135 NE Hernando Ave., Suite B-21

Lake City, FL 32055

Phone: 386-758-1008 Fax: 386-758-2160





01 OCTOBER 2008

JOHNNY KERCE, BUILDING OFFICIAL COLUMBIA COUNTY, BUILDING DEPT. COLUMBIA COUNTY COURTHOUSE ANNEX LAKE CITY, FLORIDA 32055

RE: MODEL 1187 FOR VENTURE POINTE, L.L.C.

DEAR SIR:

PLEASE BE ADVISED THAT THE OWNER OF THE ABOVE REFERENCED PROJECT HAS ELECTED TO USE AN "ALL-THREAD" ROD TIE-DOWN SYSTEM IN LIEU OF THE VARIOUS ANCHOR STRAPS AS INDICATED IN THE CONSTRUCTION DOCUMENTS FOR SAME. THE TIE-ROD METHOD SHALL BE EMPLOYED TO ANCHOR THE WALL PLATE TO THE FOUNDATION ONLY.

PLEASE REFER TO THE ATTACHED DRAWING FOR PLACEMENT OF ALL EXTERIOR WALL AND INTERIOR BEARING WALL TIE-RODS. PROVIDE A TIE-ROD AT EACH OF THE FOLLOWING LOCATIONS:

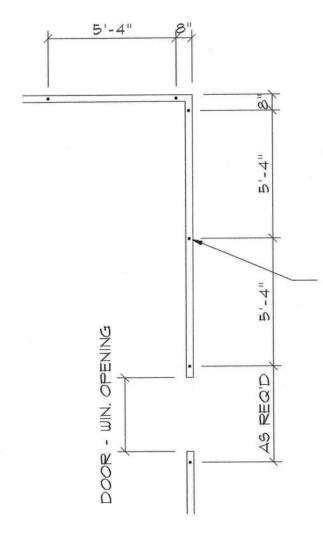
WITHIN 8" OF ALL CORNERS (BOTH WALLS)
WITHIN 8" OF ALL DOOR AND/OR WINDOW OPENINGS, EA. SIDE
AT 64" O.C. ALONG ALL WALL RUNS

SHOULD YOU HAVE ANY FURTHER QUESTIONS WITH THIS, PLEASE CALL FOR ASSISTANCE.

YOURS TRULY,

NICHOLAS PAUL GEISLER, ARCHITECT AROOOTOOS





PROVIDE A-301 ALL-THREAD ROD WITH 5" EMBEDMENT IN SLAB, EXTENDING TO THE TOP PLATE, WITH 2" × 2" × 1/8" SQ. WASHERS FOR ALL LOADS UPTO 1.5K OR 3" × 3" × 1/8" WASHERS FOR LOADS UP TO 3.75K PLACE RODS PER DIAGRAM: WITHIN 8" OF CORNERS, ALONG SIDE OF WALL OPENINGS AND AT 48" O.C., MAXIMUM ALONG ALL WALL RUNS.

PLACE ALL-THREAD ROD IN CURED CONCRETE SLAB, IN DRILLED 5/8" × 5" HOLES, CLEARED OF ALL CHIPS AND DUST. SET WITH "SIMPSON" 2-PART EPOXY "SET"

# ALL THREAD WALL TIE-DOWN

SCALE: 1/4" = 1/-0"

RE: MODEL 1187, for VENTURE POINTE, L.L.C.

PERMIT Nr.:

MARTOOS OT QUELLES

### **New Construction Subterranean Termite Soil Treatment Record**

OMB Approval No. 2502-0525

This form is completed by the licensed Pest Control Company.

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This information is mandatory and is required to obtain benefits. HUD may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.

Section 24 CFR 200.926d(b)(3) requires that the sites for HUD insured structures must be free of termite hazards. This information collection requires the builder to certify that an authorized Pest Control company performed all required treatment for termites, and that the builder guarantees the treated area against infestation for one year. Builders, pest control companies, mortgage lenders, homebuyers, and HUD as a record of treatment for specific homes will use the information collected. The information is not considered confidential.

This report is submitted for informational purposes to the builder on proposed (new) construction cases when soil treatment for prevention of subterranean termite infestation is specified by the builder, architect, or required by the lender, architect, FHA, or VA.

Section 1: General Information (Treating Company Information)	
Company Name:	Company Phone No.
Section 2: Builder Information	
Company Name: Isaac Const.	_ Company Phone No
Section 3: Property Information	er om til en i en
Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip)	Lake City, FL 32024
Type of Construction (More than one box may be checked)  Slab  Basement Approximate Depth of Footing: Outside  Inside	
Section 4: Treatment Information	
Date(s) of Treatment(s)  Brand Name of Product(s) Used  EPA Registration No.  Approximate Final Mix Solution %  Approximate Size of Treatment Area: Sq. ft.  Approximate Total Gallons of Solution Applied  Was treatment completed on exterior?  Yes  No  Service Agreement Available?  Yes  No  Note: Some state laws require service agreements to be issued. This form does not preef	mpt state law.
Attachments (List)	
Comments	
	500 a 8,200 ma
5 1-100.511	
Name of Applicator(s) 5. Gregory Certification No.	(if required by State law)

Warning: HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010. 1012; 31 U.S.C. 3729, 3802) Form NPCA-99-B may still be used



# OCCUPANCY

# **COLUMBIA COUNTY, FLORIDA**

This Certificate of Occupancy is issued to the below named permit holder for the building and premises at the below named location, and certifies that the work has been completed in tment of Building and Zoning nspection

accordance with the Columbia County Building Code.

Parcel Number 35-4S-16-03281-004

Use Classification SFD, UTILITY

Building permit No. 000027295

Fire: 51.36

Waste: 134.00

Total: 185.36

Location: 198 SW HYDRAULIC WAY, LAKE CITY, FL

Date: 02/09/2009

Owner of Building VENTURE POINTE, LLC

Permit Holder ISAAC CONSTRUCTION

Building Inspector

POST IN A CONSPICUOUS PLACE (Business Places Only)

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