

Columbia County Building Permit Application

☒ Cedarnie Jile
☒ Flood Certificate

For Office Use Only Application # 1204-4A Date Received 4/18 By V Permit # 30135
 Zoning Official BLK Date 26 April 2012 Flood Zone X Land Use A-3 Zoning A-3
 FEMA Map # N/A Elevation N/A MFE 1/2 inch River N/A Plans Examiner J.C. Date 4-25-12
 Comments IF APPLICABLE: Cooking facilities in existing structure to be removed before co
☒ NOC ☒ EH ☒ Deed or PA ☒ Site Plan ☐ State Road Info ☒ Well letter ☒ 911 Sheet ☐ Parent Parcel # is
☐ Dev Permit # ☐ In Floodway ☐ Letter of Auth. from Contractor ☐ F W Comp. letter
 IMPACT FEES: EMS Fire Corr ☒ Sub VF Form
 Road/Code School = TOTAL (Suspended) ☐ Ellisville Water ☒ App Fee Paid

Septic Permit No. 12-0214-E Fax -758-8920-
 Name Authorized Person Signing Permit Bryan Zercher Phone 752-8653/867-49
 Address PO Box 815 LC, FL 32056
 Owners Name Daniel/Mary Vichores Phone 305-304-5079
 911 Address 2250 SW CL 242 LC, FL 32024
 Contractors Name Bryan Zercher Homes, Inc Phone 752-8653
 Address PO Box 815 LC, FL 32056

Fee Simple Owner Name & Address

Bonding Co. Name & Address

Architect/Engineer Name & Address AR Homes/Mark Ditzon PO Box 8681 LC, FL 32056
 Mortgage Lenders Name & Address Alarion Bank 4200 SW 34th St Gville, FL 32608

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progress Energy

Property ID Number 27-45-16-03208-121 Estimated Cost of Construction 177,000-
 Subdivision Name Timucuan Crossing Lot 1 Block B Unit Phase
 Driving Directions Sister Welton Rd to 242, T/R, 1/4 mi
on left

Number of Existing Dwellings on Property 1 "Garage" - previous permit

Construction of New Home Total Acreage 5 Lot Size

Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height 22

Actual Distance of Structure from Property Lines - Front 90 Side 260 Side 130 Rear 360

Number of Stories 1 Heated Floor Area 1862 Total Floor Area 3188 Roof Pitch 6/12

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction. **CODE:** Florida Building Code 2010 and the 2008 National Electrical Code.

Spoke to Bryan 4-26-12 - CK# 3267

Columbia County Building Permit Application

TIME LIMITATIONS OF APPLICATION : An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the building official is authorized to grant one or more extensions of time for additional periods not exceeding 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.

TIME LIMITATIONS OF PERMITS: 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 work is commenced. A valid permit receives an approved inspection every 180 days. Work shall be considered not suspended, abandoned or invalid when the permit has received an approved inspection within 180 days of the previous approved inspection.

FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment: According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment, even if you have paid your contractor in full. This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or other services which your contractor may have failed to pay.

NOTICE OF RESPONSIBILITY TO BUILDING PERMITEE: **YOU ARE HEREBY NOTIFIED** as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes to lot grades that result in ponding of water, or other damage to roadway and other public infrastructure facilities caused by you or your contractor, subcontractors, agents or representatives in the construction and/or improvement of the building and lot for which this permit is issued. No certificate of occupancy will be issued until all corrective work to these public infrastructures and facilities has been corrected.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU 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 WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

OWNERS CERTIFICATION: I CERTIFY THAT ALL THE FOREGOING INFORMATION IS ACCURATE AND THAT ALL WORK WILL BE DONE IN COMPLIANCE WITH ALL APPLICABLE LAWS REGULATING CONSTRUCTION AND ZONING.

NOTICE TO OWNER: There are some properties that may have deed restrictions recorded upon them. These restrictions may limit or prohibit the work applied for in your building permit. You must verify if your property is encumbered by any restrictions or face possible litigation and or fines.

(Owners Must Sign All Applications Before Permit Issuance.)

Daniel Victor

Owners Signature

****OWNER BUILDERS MUST PERSONALLY APPEAR AND SIGN THE BUILDING PERMIT.**

CONTRACTORS AFFIDAVIT: By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit including all application and permit time limitations.

Contractor's Signature (Permitee)

Contractor's License Number

Columbia County

Competency Card Number

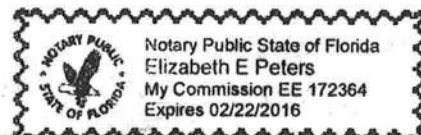
Affirmed under penalty of perjury to by the Contractor and subscribed before me this 16th day of April 2012.

Personally known _____ or Produced Identification Florida Drivers License

Elizabeth Peters

State of Florida Notary Signature (For the Contractor)

SEAL:



PREPARED BY AND RETURN TO:

TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

Property Appraiser's
Identification Number

- R03-208-121

Inst:2006004735 Date:02/27/2006 Time:14:08

Doc Stamp-Deed : 679.00

DC DC, P. DeWitt Cason, Columbia County B:1075 P:1016

TM File No: 06-60

WARRANTY DEED

This Warranty Deed, made this 23rd day of February, 2006,
BETWEEN MICHAEL G. COLLINS AND TAMMY S. COLLINS, Husband and Wife
whose post office address is 296 SW Longleaf Drive, Lake City,
Florida 32024, of the County of Columbia, State of Florida,
grantor*, and DANIEL VICTORES AND MARY VICTORES, Husband and Wife
whose post office address is 726 Prado Circle, Key West, FL
33040, grantee*.

(Whenever used herein the terms "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, trusts and trustees)

Witnesseth: that said grantor, for and in consideration of the
sum of Ten Dollars (\$10.00), and other good and valuable
considerations to said grantor in hand paid by said grantee, the
receipt whereof is hereby acknowledged, has granted, bargained
and sold to the said grantee, and grantee's heirs and assigns
forever, the following described land, situate, lying and being
in Columbia County, Florida, to-wit:

Lot 1, Block B, Timucuan Crossing, a subdivision according
to the plat thereof as recorded in Plat Book 6, Pages 191
and 192, public records, Columbia County, Florida.

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 subject to taxes for the current year and later years and all
valid easements and restrictions of record, if any, which are not
hereby reimposed; and also subject to any claim, right, title or
interest arising from any recorded instrument reserving,
conveying, leasing, or otherwise alienating any interest in the
oil, gas and other minerals. And grantor does warrant the title
to said land and will defend the same against the lawful claims
of all persons whomsoever, subject only to the exceptions set
forth herein.

In Witness Whereof, grantor has hereunto set grantor's hand and seal the day and year first above written.

Signed, sealed and delivered
in our presence:

Marilyn Ann McElroy
(Signature of First Witness)
Marilyn Ann McElroy
(Typed Name of First Witness)

Michael G. Collins (SEAL)
MICHAEL G. COLLINS

Karen M. Wright
(Signature of Second Witness)
Karen M. Wright
(Typed Name of Second Witness)

Tammy S. Collins (SEAL)
TAMMY S. COLLINS

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this
23RD day of February, 2006, by Michael E. Collins and Tammy S.
Collins, Husband and Wife who is/are personally known to me or
who has/have produced _____ as identification and who
did not take an oath.

My Commission Expires:

Karen M. Wright
Notary Public
Printed, typed, or stamped name:



Inst:2006004735 Date:02/27/2006 Time:14:08
Doc Stamp-Deed : 679.00
_____, DC, P. DeWitt Cason, Columbia County B:1075 P:1017

2012 R
CARD 001 of 001

ARD 001 of 001
BY JEFF

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-----BLDG TRAVERSE-----
BAS2007=N15 W30 S15 E30 $ UGR2007=W30
S20 E30 N20 $.

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PERMITS	AMT	ISSUED
NUMBER DESC GARAGE	205	6/07/2007
25902		

BOOK	PAGE	DATE	SALE	PRICE
GRANTOR	1075	10.6	2/23/2006 Q V	97000
GRANTOR			MICHAEL G AND TAMMY S COLLINS	
GRANTEE	1010	2488	3/25/2004 Q V	43000
GRANTOR			LIBBY AUSGOOD	
GRANTEE			MICHAEL G & TAMMY S COLLINS	

PRODUCT APPROVAL SPECIFICATION SHEET

Location: Lake City, FL

Project Name: _____

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and the product approval number(s) on the building components listed below if they will be utilized on the construction project for which you are **applying for a building permit on or after April 1, 2004**. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. More information about statewide product approval can be obtained at www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS			
1. Swinging	Thermo-Tru	Exterior Hinged doors	FL 5262-R2
2. Sliding	P&T	Sliding Glass Doors	FL 251-R15
3. Sectional	Clb. Pan	Garage Doors	FL 5675-R6
4. Roll up			
5. Automatic			
6. Other			
B. WINDOWS			
1. Single hung	P&T	Window Low E	FL 236-R16
2. Horizontal Slider	P&T	Window Low E	FL 242-R12
3. Casement			
4. Double Hung			
5. Fixed	P&T	Window Low E	FL 243-R10
6. Awning			
7. Pass-through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11. Dual Action			
12. Other			
C. PANEL WALL			
1. Siding	CertainTeed	Cement Fibered Siding	FL 1573-R2
2. Soffits	Kaycan	Alum soffit / fascia	FL 12198-R1
3. EIFS	Sto	Stucco/accucoat finish	FL 7229-R1
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			
8. Membrane			
9. Greenhouse			
10. Other			
D. ROOFING PRODUCTS			
1. Asphalt Shingles	CertainTeed	Arch Shingles 30 yr	FL 5444-R3
2. Underlayments	GAF	Tar paper	FL 9637-R1
3. Roofing Fasteners	DMG	Roofing nails	FL 699-R3
4. Non-structural Metal Rf			
5. Built-Up Roofing			
6. Modified Bitumen			
7. Single Ply Roofing Sys			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes			
12. Roofing Slate			

Category/Subcategory (cont.)	Manufacturer	Product Description	Approval Number(s)
13. Liquid Applied Roof Sys			
14. Cements-Adhesives – Coatings			
15. Roof Tile Adhesive			
16. Spray Applied Polyurethane Roof			
17. Other			
E. SHUTTERS			
1. Accordion			
2. Bahama			
3. Storm Panels			
4. Colonial			
5. Roll-up			
6. Equipment			
7. Others			
F. SKYLIGHTS			
1. Skylight			
2. Other			
G. STRUCTURAL COMPONENTS			
1. Wood connector/anchor	USPC	anchors	FL5631-R1
2. Truss plates			
3. Engineered lumber			
4. Railing			
5. Coolers-freezers			
6. Concrete Admixtures			
7. Material			
8. Insulation Forms			
9. Plastics			
10. Deck-Roof			
11. Wall			
12. Sheds			
13. Other			
H. NEW EXTERIOR ENVELOPE PRODUCTS			
1.			
2.			

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 information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) the performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements.

I understand these products may have to be removed if approval cannot be demonstrated during inspection.

Contractor or Contractor's Authorized Agent Signature

Print Name

Date

Location

This Instrument Prepared By & Return To:
Matthew D. Rocco
Sierra Title, LLC
419 SW SR 247, Ste 109
Lake City, FL 32025
Tax Folio Number: 274S16-03208-121
State of: Florida
County of: Columbia
File Number: 12-0322

12-0322 201212005894 Date: 4/17/2012 Time: 11:55 AM
DC, P. DeWitt Cason, Columbia County Page 1 of 1 B:1233 P:667

NOTICE OF COMMENCEMENT

The undersigned hereby gives notice that improvement will be made to certain real property, and, in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

1. Description of Property:
Lot 1, Block B, Timucuan Crossing, according to the map or plat thereof, as recorded in Plat Book 6, Page 191, of the Public Records of Columbia County, Florida.
2. General Description of Improvements: Construction of Single Family Home
3. Owner Information:
 - a. Name and Address: Daniel Victores and Mary A. Victores
141 SW Surreal Court, Lake City, FL 32024
 - b. Interest in property: Fee Simple
 - c. Names and address of fee simple title holder (if other than owner):
4. Contractor: Bryan Zecker Homes, Inc., 465 NW Orange Street, Lake City, FL 32055
5. Surety:
6. Lender: Alarion Bank, Danielle Rotaru (352-547-3843), Loan Operations Dept.,
2510 SE Maricamp Road, Ocala, FL 34471
7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1) (a)7., Florida Statutes.
8. In addition to himself, Owner designates the following persons to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes.
9. Expiration date of Notice of Commencement (the expiration date is 1 year from date of recording unless a different date is specified):

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 WITH YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

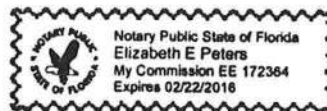
Daniel Victores
Daniel Victores

Mary A. Victores
Mary A. Victores

Sworn to and subscribed before me April 16, 2012 by Daniel Victores and Mary A. Victores who are personally known to me or who did provide Florida Driver License as identification.

Elizabeth E Peters
Notary Public

My Commission Expires: 2/22/2016



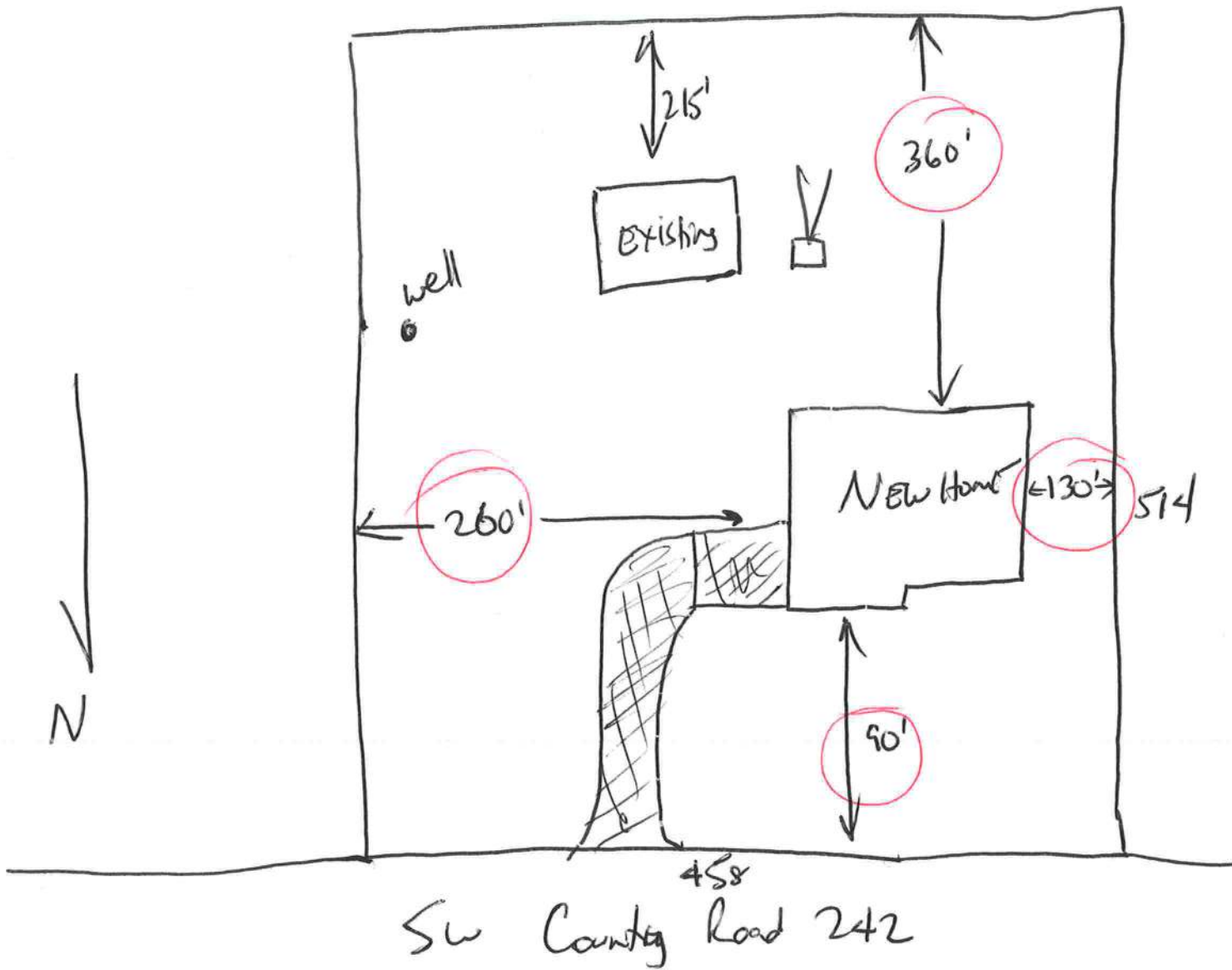
Verification Pursuant to Section 92.525, Florida Statutes

Under penalties of perjury, I declare that I have read the foregoing and that the facts stated in it are true to the best of my knowledge and belief.

Daniel Victores
Signature of Natural Person Signing Above

* PROPOSED SITE PLAN

Parcel - 27-4S-16-03208-121



11/22/2011 12:09 3867588920

BRYAN ZECHER CONST

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER

1204-44

CONTRACTOR

9. TECX

PHONE

752-8653

THIS FORM MUST BE SUBMITTED PRIOR TO THE ISSUANCE OF A PERMIT

In Columbia County one permit will cover all trades doing work at the permitted site. It is **REQUIRED** that we have records of the subcontractors who actually did the trade specific work under the permit. Per Florida Statute 440 and Ordinance 89-6, a contractor shall require all subcontractors to provide evidence of workers' compensation or exemption, general liability insurance and a valid Certificate of Competency license in Columbia County.

Any changes, the permitted contractor is responsible for the corrected form being submitted to this office prior to the start of that subcontractor beginning any work. Violations will result in stop work orders and/or fines.

ELECTRICAL	Print Name: Marc Mathews License #: EC-0014352	Signature: [Signature] Phone #: 344-2029
MECHANICAL/ A/C	Print Name: Glenn Jones License #: SAC-051486	Signature: [Signature] Phone #: 867-0424
PLUMBING/ GAS	Print Name: Welf Plumbing License #: CFC-051621	Signature: [Signature] Phone #: 623-7148
ROOFING 187	Print Name: Mac Johnson License #: RC-0061384	Signature: [Signature] Phone #: 352-472-4943
SHEET METAL	Print Name: N/A License #: N/A	Signature: [Signature] Phone #: [Blank]
FIRE SYSTEM/ SPRINKLER	Print Name: N/A License #: N/A	Signature: [Signature] Phone #: [Blank]
SOLAR	Print Name: N/A License #: N/A	Signature: [Signature] Phone #: [Blank]

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON			
CONCRETE FINISHER	P62053658263-0	Perrish Ent (623-0500)	
FRAMING			
INSULATION	000240	Sykes Insulation (365-1404)	
STUCCO	0256	Ron David (623-0547)	
DRYWALL	000345	Kim Heitman (365) 0163	
PLASTER	N/A		
CABINET INSTALLER 53		Mark Todor (904-614-0015)	CBC054575
PAINTING	000330	Bobby Touchton (466-4686)	Bolton
ACOUSTICAL CEILING	N/A		
GLASS	N/A		
CERAMIC TILE	710	Mark Vann (623-2376)	
FLOOR COVERING	710	Mark Vann (623-2376)	
ALUM/VINYL SIDING	000166	Mike Nicholson (623-2376)	
GARAGE DOOR	000244	D+D Garage Drs (Kenny)	
METAL BLDG ERECTOR	N/A		

F. S. 440.103 Building permits; Identification of minimum premium policy.--Every employer shall, as a condition to applying for and receiving a building permit, show proof and certify to the permit issuer that it has secured compensation for its employees under this chapter as provided in ss. 440.10 and 440.38, and shall be presented each time the employer applies for a building permit.

Contractor Form; Subcontractor form: 0/00

Kougnouff

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER 1204-94

CONTRACTOR Bryan Zecher

PHONE 752-8653

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Any changes, the permitted contractor is responsible for the corrected form being submitted to this office prior to the start of that subcontractor beginning any work. Violations will result in stop work orders and/or fines.

<input checked="" type="checkbox"/> ELECTRICAL 76	Print Name <u>Marc Matthews</u> License #: <u>ER-0014352</u>	Signature <u>[Signature]</u> Phone #: <u>344-2029</u>
<input checked="" type="checkbox"/> MECHANICAL/ A/C	Print Name <u>Louis Weeks/Glen Jones, Inc.</u> License #: <u>CRC-051486</u>	Signature <u>[Signature]</u> Phone #: <u>752-7084</u>
<input checked="" type="checkbox"/> PLUMBING/ GAS	Print Name <u>Buck Bragette</u> License #: <u>CFCO 21540</u>	Signature <u>[Signature]</u> Phone #: <u>(386) 752-0776</u>
ROOFING	Print Name <u>Mac Johnson</u> License #: <u>RC0061384</u>	Signature <u>(see attached)</u> Phone #: <u>352-472-4943</u>
SHEET METAL	Print Name <u>N/A</u> License #:	Signature _____ Phone #:
FIRE SYSTEM/ SPRINKLER	Print Name <u>N/A</u> License #:	Signature _____ Phone #:
SOLAR	Print Name <u>N/A</u> License #:	Signature _____ Phone #:

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON	000897	Kenneth Loudon	[Signature]
CONCRETE FINISHER	00063	Darrell Spradley	[Signature]
FRAMING	CBC054575	Bryan Zecher	[Signature]
INSULATION	00240	Will Sykes	
STUCCO		N/A	
DRYWALL	0006910	Joe Maddox	[Signature]
PLASTER		N/A	
CABINET INSTALLER	CBC054575	Bryan Zecher	
PAINTING	000330	Bobby Touchton	[Signature]
ACOUSTICAL CEILING		N/A	
GLASS		N/A	
CERAMIC TILE	000188	Ron Humphrey	[Signature]
FLOOR COVERING	010	Mark Vann	[Signature]
ALUM/VINYL SIDING	0001166	Mike Nicholson	
GARAGE DOOR	542138101	Richard Horne	
METAL BLDG ERECTOR			

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SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER

1204-44

CONTRACTOR

K. Zeola

PHONE

752. 8653

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Any changes, the permitted contractor is responsible for the corrected form being submitted to this office prior to the start of that subcontractor beginning any work. Violations will result in stop work orders and/or fines.

<input checked="" type="checkbox"/> ELECTRICAL 76	Print Name <u>Marc Matthews</u> License #: <u>ER 0014352</u>	Signature <u>Marc Matthews</u> Phone #: <u>386-344-2029</u>
<input type="checkbox"/> MECHANICAL/ A/C	Print Name <u>Glenn Jones AC</u> License #:	Signature <u>Glenn Jones</u> Phone #: <u>752 5389</u>
<input checked="" type="checkbox"/> PLUMBING/ GAS 1081	Print Name <u>Wolfe Plumbing</u> License #: <u>2FC051621</u>	Signature <u>Wolfe</u> Phone #: <u>386-935-0616</u>
<input type="checkbox"/> ROOFING	Print Name <u>MAC Johnson Roofing</u> License #:	Signature _____ Phone #:
<input type="checkbox"/> SHEET METAL	Print Name _____ License #:	Signature _____ Phone #:
<input type="checkbox"/> FIRE SYSTEM/ SPRINKLER	Print Name _____ License #:	Signature _____ Phone #:
<input type="checkbox"/> SOLAR	Print Name _____ License #:	Signature _____ Phone #:

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
<input checked="" type="checkbox"/> MASON	<u>000287</u>	<u>Willie Dixon</u>	<u>Willie Dixon</u>
<input checked="" type="checkbox"/> CONCRETE FINISHER	<u>310</u>	<u>Larry Parrish Ent.</u>	<u>Larry Parrish</u>
<input checked="" type="checkbox"/> FRAMING	<u>001141</u>	<u>Self Nichols</u>	<u>Self Nichols</u>
<input checked="" type="checkbox"/> INSULATION	<u>000240</u>	<u>Will Srkes</u>	<u>Will Srkes</u>
<input type="checkbox"/> STUCCO			
<input checked="" type="checkbox"/> DRYWALL	<u>000345</u>	<u>Wade Hertzman</u>	<u>Wade Hertzman</u>
<input type="checkbox"/> PLASTER			
<input type="checkbox"/> CABINET INSTALLER			
<input checked="" type="checkbox"/> PAINTING	<u>000330</u>	<u>Bobby Touchton</u>	<u>Bobby Touchton</u>
<input type="checkbox"/> ACOUSTICAL CEILING			
<input type="checkbox"/> GLASS			
<input checked="" type="checkbox"/> CERAMIC TILE			
<input checked="" type="checkbox"/> FLOOR COVERING			
<input checked="" type="checkbox"/> ALUM/VINYL SIDING	<u>0000166</u>	<u>Mike Nicholson</u>	<u>Mike Nicholson</u>
<input checked="" type="checkbox"/> GARAGE DOOR	<u>CBC1258205</u>	<u>D+D Garage Door</u>	<u>D+D Garage Door</u>
<input type="checkbox"/> METAL BLDG ERECTOR			

F. S. 440.103 Building permits; identification of minimum premium policy.--Every employer shall, as a condition to applying for and receiving a building permit, show proof and certify to the permit issuer that it has secured compensation for its employees under this chapter as provided in ss. 440.10 and 440.38, and shall be presented each time the employer applies for a building permit.

97547088

Permit Copier/Fax

04:19:21 p.m. 04-18-2012

1/1

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER 1204-44CONTRACTOR B. ZECHERPHONE 752 8653

THIS FORM MUST BE SUBMITTED PRIOR TO THE ISSUANCE OF A PERMIT

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ELECTRICAL	Print Name _____ License #: _____	Signature _____ Phone #: _____
MECHANICAL/ A/C	Print Name _____ License #: _____	Signature _____ Phone #: _____
PLUMBING/ GAS	Print Name _____ License #: _____	Signature _____ Phone #: _____
ROOFING	Print Name _____ License #: _____	Signature _____ Phone #: _____
SHEET METAL	Print Name _____ License #: _____	Signature _____ Phone #: _____
FIRE SYSTEM/ SPRINKLER	Print Name _____ License #: _____	Signature _____ Phone #: _____
SOLAR	Print Name _____ License #: _____	Signature _____ Phone #: _____

Specialty License	License Number	Sub Contractor Printed Name	Sub Contractor Signature
MASON			
CONCRETE FINISHER			
FRAMING			
INSULATION			
STUCCO			
DRYWALL			
PLASTER			
CABINET INSTALLER			
PAINTING			
ACOUSTICAL CEILING			
GLASS			
* CERAMIC TILE	853 C6C054575	Bryan Zecher	
* FLOOR COVERING	853 C6C054575		
ALUM/VINYL SIDING			
GARAGE DOOR			
METAL BLDG ERECTOR			

F. S. 440.103 Building permits; identification of minimum premium policy.--Every employer shall, as a condition to applying for and receiving a building permit, show proof and certify to the permit issuer that it has secured compensation for its employees under this chapter as provided in ss. 440.10 and 440.38, and shall be presented each time the employer applies for a building permit.

Contractor Form, Subcontractor Form 6/09

B. ZECHER
911 ADDRESS IS NEEDED

WHICH ONE ARE YOU GONNA
BE DOING?.. VF DIDNT INCLUDE ON THE
ONE YOU SUBMITTED...



COLUMBIA COUNTY BUILDING DEPARTMENT
RESIDENTIAL CHECK LIST

MINIMUM PLAN REQUIREMENTS: FLORIDA BUILDING CODE RESIDENTIAL 2010 EFFECTIVE 15 MARCH 2012 AND THE NATIONAL ELECTRICAL 2008 EFFECTIVE 1 OCTOBER 2009

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

ALL BUILDING PLANS MUST INDICATE COMPLIANCE WITH THE CURRENT 2010 FLORIDA BUILDING CODES RESIDENTIAL, EFFECTIVE 15 MARCH 2012. NATIONAL ELECTRICAL CODE 2008 EFFECTIVE 1 OCTOBER 2009. ALL PLANS OR DRAWINGS SHALL PROVIDE CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS.

FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEEDS ARE PER FLORIDA BUILDING CODE FIGURE 1609-A THROUGH 1609-C ULTIMATE DESIGN WIND SPEEDS FOR RISK CATEGORY AND BUILDINGS AND OTHER STRUCTURES

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL			Items to Include- Each Box shall be Circled as Applicable		
			Yes	No	N/A
1	Two (2) complete sets of plans containing the following:		<input checked="" type="checkbox"/>		
2	All drawings must be clear, concise, drawn to scale, details that are not used shall be marked void		<input checked="" type="checkbox"/>		
3	Condition space (Sq. Ft.) 1862	Total (Sq. Ft.) under roof 3158	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Designers name and signature shall be on all documents and a licensed architect or engineer, signature and official embossed seal shall be affixed to the plans and documents as per the FLORIDA BUILDING CODES RESIDENTIAL R101.2.1

Site Plan information including:

4	Dimensions of lot or parcel of land	<input checked="" type="checkbox"/>		
5	Dimensions of all building set backs	<input checked="" type="checkbox"/>		
6	Location of all other structures (include square footage of structures) on parcel, existing or proposed well and septic tank and all utility easements.	<input checked="" type="checkbox"/>		
7	Provide a full legal description of property.	<input checked="" type="checkbox"/>		

Wind-load Engineering Summary, calculations and any details are required.

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable		
8	Plans or specifications must show compliance with FBCR Chapter 3	IIII	IIII	IIII
		YES	NO	N/A
9	Basic wind speed (3-second gust), miles per hour	✓		
10	(Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated)	✓		
11	Wind importance factor and nature of occupancy	✓		
12	The applicable internal pressure coefficient, Components and Cladding	✓		
13	The design wind pressure in terms of psf (kN/m ²), to be used for the design of exterior component, cladding materials not specifically designed by the registered design professional.	✓		

Elevations Drawing including:

14	All side views of the structure	✓		
15	Roof pitch	✓		
16	Overhang dimensions and detail with attic ventilation	✓		
17	Location, size and height above roof of chimneys	✓		
18	Location and size of skylights with Florida Product Approval	✓		
18	Number of stories	✓		
20A	Building height from the established grade to the roofs highest peak	✓		

Floor Plan including:

20	Dimensioned area plan showing rooms, attached garage, breeze ways, covered porches, deck, balconies	✓		
21	Raised floor surfaces located more than 30 inches above the floor or grade	✓		
22	All exterior and interior shear walls indicated	✓		
23	Shear wall opening shown (Windows, Doors and Garage doors)	✓		
24	Show compliance with Section FBCR 310 Emergency escape and rescue opening shown in each bedroom (net clear opening shown) and Show compliance with Section FBC 1405.13.2 where the opening of an operable window is located more than 72 inches above the finished grade or surface below, the lowest part of the clear opening of the window shall be a minimum of 24 inches above the finished floor of the room in which the window is located. Glazing between the floor and 24 inches shall be fixed or have openings through which a 4-inch-diameter sphere cannot pass.	✓		
25	Safety glazing of glass where needed	✓		
26	Fireplaces types (gas appliance) (vented or non-vented) or wood burning with Hearth (see chapter 10 and chapter 24 of FBCR)	✓		
27	Show stairs with dimensions (width, tread and riser and total run) details of guardrails, Handrails	✓		✓
28	Identify accessibility of bathroom (see FBCR SECTION 320)	✓		

All materials placed within opening or onto/into exterior walls, soffits or roofs shall have Florida product approval number and mfg. installation information submitted with the plans (see Florida product approval form)

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable		
---	--	--	--	--

FBCR 403: Foundation Plans

		YES	NO	N/A
29	Location of all load-bearing walls footings indicated as standard, monolithic, dimensions, size and type of reinforcing.	✓		
30	All posts and/or column footing including size and reinforcing	✓		
31	Any special support required by soil analysis such as piling.	✓		
32	Assumed load-bearing value of soil <u>1000</u> Pound Per Square Foot	✓		
33	Location of horizontal and vertical steel, for foundation or walls (include # size and type) For structures with foundation which establish new electrical utility companies service connection a Concrete Encased Electrode will be required within the foundation to serve as an grounding electrode system. Per the National Electrical Code article 250.52.3	✓		

FBCR 506: CONCRETE SLAB ON GRADE

34	Show Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)	✓		
35	Show control joints, synthetic fiber reinforcement or welded fire fabric reinforcement and Supports	✓		

FBCR 318: PROTECTION AGAINST TERMITES

36	Indicate on the foundation plan if soil treatment is used for subterranean termite prevention or Submit other approved termite protection methods. Protection shall be provided by registered termiticides	✓		
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FBCR 606: Masonry Walls and Stem walls (load bearing & shear Walls)

N/A

37	Show all materials making up walls, wall height, and Block size, mortar type			✓
38	Show all Lintel sizes, type, spans and tie-beam sizes and spacing of reinforcement			✓

Metal frame shear wall and roof systems shall be designed, signed and sealed by Florida Prof. Engineer or Architect

Floor Framing System: First and/or second story

N/A

39	Floor truss package shall including layout and details, signed and sealed by Florida Registered Professional Engineer			✓
40	Show conventional floor joist type, size, span, spacing and attachment to load bearing walls, stem walls and/or piers			✓
41	Girder type, size and spacing to load bearing walls, stem wall and/or piers			✓
42	Attachment of joist to girder			✓
43	Wind load requirements where applicable			✓
44	Show required under-floor crawl space			✓
45	Show required amount of ventilation opening for under-floor spaces			✓
46	Show required covering of ventilation opening			✓
47	Show the required access opening to access to under-floor spaces			✓
48	Show the sub-floor structural panel sheathing type, thickness and fastener schedule on the edges & interior of the areas structural panel sheathing			✓

49	Show Draftstopping, Fire caulking and Fire blocking			✓
50	Show fireproofing requirements for garages attached to living spaces, per FBCR section 302.6			✓
51	Provide live and dead load rating of floor framing systems (psf).			✓

FBCR CHAPTER 6 WOOD WALL FRAMING CONSTRUCTION

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable		
		YES	NO	N/A
52	Stud type, grade, size, wall height and oc spacing for all load bearing or shear walls	✓		
53	Fastener schedule for structural members per table IRC 602.3 are to be shown	✓		
54	Show Wood structural panel's sheathing attachment to studs, joist, trusses, rafters and structural members, showing fastener schedule attachment on the edges & intermediate of the areas structural panel sheathing	✓		
55	Show all required connectors with a max uplift rating and required number of connectors and oc spacing for continuous connection of structural walls to foundation and roof trusses or rafter systems	✓		
56	Show sizes, type, span lengths and required number of support jack studs, king studs for shear wall opening and girder or header per IRC Table 502.5 (1)	✓		
57	Indicate where pressure treated wood will be placed	✓		
58	Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas	✓		
59	A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail	✓		

FBCR :ROOF SYSTEMS:

60	Truss design drawing shall meet section FBCR 802.1.6.1 Wood trusses	✓		
61	Include a layout and truss details, signed and sealed by Florida Professional Engineer	✓		
62	Show types of connector's assemblies' and resistance uplift rating for all trusses and rafters	✓		
63	Show gable ends with rake beams showing reinforcement or gable truss and wall bracing details	✓		
64	Provide dead load rating of trusses	✓		

FBCR 802:Conventional Roof Framing Layout

NA

65	Rafter and ridge beams sizes, span, species and spacing			✓
66	Connectors to wall assemblies' include assemblies' resistance to uplift rating			✓
67	Valley framing and support details			✓
68	Provide dead load rating of rafter system			✓

FBCR 803 ROOF SHEATHING

69	Include all materials which will make up the roof decking, identification of structural panel sheathing, grade, thickness	✓		
70	Show fastener Size and schedule for structural panel sheathing on the edges & intermediate areas	✓		

ROOF ASSEMBLIES FRC Chapter 9

71	Include all materials which will make up the roof assemblies covering	✓		
72	Submit Florida Product Approval numbers for each component of the roof assemblies covering	✓		

FBCR Chapter 11 Energy Efficiency Code for residential building

Residential construction shall comply with this code by using the following compliance methods in the FBCR chapter 11 Residential buildings compliance methods. **Two of the required forms are to be submitted, N1100.1.1.1 As an alternative to the computerized Compliance Method A, the Alternate Residential Point System Method hand calculation, Alternate Form 600A, may be used. All requirements specific to this calculation are located in Sub appendix C to Appendix G. Buildings complying by this alternative shall meet all mandatory requirements of this chapter. Computerized versions of the Alternate Residential Point System Method shall not be acceptable for code compliance.**

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable		
		YES	NO	N/A
73	Show the insulation R value for the following areas of the structure	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
74	Attic space	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
75	Exterior wall cavity	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
76	Crawl space	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

HVAC information

77	Submit two copies of a Manual J sizing equipment or equivalent computation study	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
78	Exhaust fans shown in bathrooms Mechanical exhaust capacity of 50 cfm intermittent or 20 cfm continuous required	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
79	Show clothes dryer route and total run of exhaust duct	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Plumbing Fixture layout shown

80	All fixtures waste water lines shall be shown on the foundation plan	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
81	Show the location of water heater	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Private Potable Water

82	Pump motor horse power			<input checked="" type="checkbox"/>
83	Reservoir pressure tank gallon capacity	Existing		<input checked="" type="checkbox"/>
84	Rating of cycle stop valve if used			<input checked="" type="checkbox"/>

Electrical layout shown including

85	Show Switches, receptacles outlets, lighting fixtures and Ceiling fans	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
86	Show all 120-volt, single phase, 15- and 20-ampere branch circuits outlets required to be protected by Ground-Fault Circuit Interrupter (GFCI) Article 210.8 A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
87	Show the location of smoke detectors & Carbon monoxide detectors	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
88	Show service panel, sub-panel, location(s) and total ampere ratings	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
89	On the electrical plans identify the electrical service overcurrent protection device for the main electrical service. This device shall be installed on the exterior of structures to serve as a disconnecting means for the utility company electrical service. Conductors used from the exterior disconnecting means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground. Indicate if the utility company service entrance cable will be of the overhead or underground type. For structures with foundation which establish new electrical utility companies service connection a Concrete Encased Electrode will be required within the foundation to serve as an Grounding electrode system. Per the National Electrical Code article 250.52.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

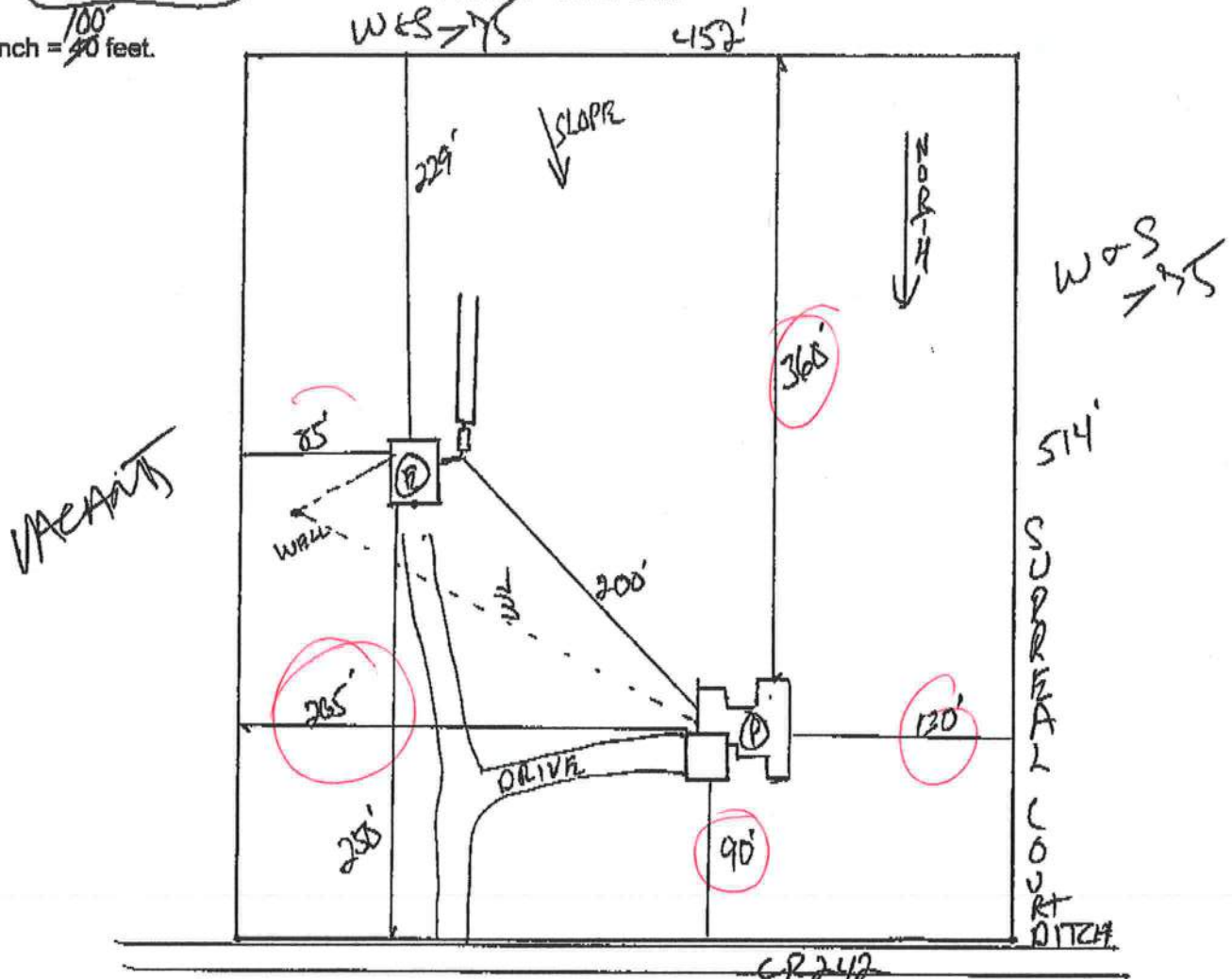
**STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT**

Permit Application Number 12-0214E

Victories

PART II - SITEPLAN

Scale: 1 inch = ~~40~~⁸⁰ feet.



Notes:

Site Plan submitted by:

~~Plan Approved~~

By

Not Approved

MASTER CONTRACTOR

Date _____

County Health Department

~~Columbia CHD~~

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

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: 4/26/2012 DATE ISSUED: 5/3/2012

ENHANCED 9-1-1 ADDRESS:

2550 SW COUNTY ROAD 242
LAKE CITY FL 32024

PROPERTY APPRAISER PARCEL NUMBER:

27-4S-16-03208-121

Remarks:

ADDRESS FOR PROPOSED NEW STRUCTURE ON PARCEL. LOCATION
RE-ADDRESSED DUE TO CHANGE OF ACCESS POINT TO
STRUCTURE. (OLD ADDRESS WAS 141 SW SURREAL CT)

Address Issued By: SIGNED: / RONAL N. CROFT
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.**



COLUMBIA COUNTY 911 ADDRESSING / GIS DEPARTMENT

P. O. Box 1787, Lake City, FL 32056-1787
263 NW Lake City Ave., Lake City, FL 32055

Telephone: (386) 758-1125 * Fax: (386) 758-1365 * Email: ron_croft@columbiacountyfla.com



ADDRESS CHANGE (3 MAY 2012) DUE TO CHANGE OF ACCESS TO STRUCTURE LOCATION

The Columbia County Board of County Commissioners has passed Ordinance 2001-9, which provides for a uniform numbering system. A copy of this ordinance is available in the Clerk of Court records, located in the courthouse. This new numbering system will increase the efficiency of POLICE, FIRE AND EMERGENCY MEDICAL vehicles responding to calls within Columbia County by immediately identifying the location of the caller.

Old Address

**141 SW SURREAL CT
LAKE CITY, FL 32024**

NEW Address

**2550 SW COUNTY ROAD 242
LAKE CITY, FL 32024**

All residences, businesses, industries, schools, churches, organizations and public buildings are covered by this system. You are required to affix your new address numbers permanently on your house or the principal building where they can be seen easily. Also, if your house or the principal building at this address is not clearly visible from the public or private roadway, you are required to erect a post at your driveway entrance. Place your new number on it facing the road so emergency response personnel coming in either direction can easily see the numbers. To help emergency responding personnel, it will be the responsibility of each property owner, trustee, leasee, agent and occupant of each residence, apartment building, business or industry to purchase, post and maintain address numbers. The address number for residences, townhouses and in town businesses shall be made up of numbers, *which are not less than three (3) inches in height and one and one half (1 ½) inches in width.* All industrial and commercial structures located in low density development areas (areas in which small residential style address numbers are not visible from the road) shall display address numbers not less than ten (10) inches in height. All Apartment buildings and high rises shall display address numbers above or to the side of the primary entrance to the building and shall be displayed not less than six (6) inches in height. Apartment numbers for individual units within the complex shall be displayed on, above or to the side of the doorway of each unit.

All numbers shall contrast in color with the background on which affixed, and shall be visible day or night from the street. When possible, the number shall be displayed beside or over the main entrances of the structure. Any old address numbers shall be removed from the structure, mail box or access point.

It is your responsibility to advise all persons and businesses, with which you correspond, of your change of address (*unless you receive your mail in a Post Office Box*). Your mail will be delivered to your old address for a period of one (1) year.

We are counting on the cooperation of all citizens to help make the Enhanced 9-1-1 Emergency Telephone System a success. If you have any questions please call (386) 752-8787 between 8:00 AM and 5:00 PM Monday through Friday.

Any questions concerning this address change should be directed to the Columbia County 911 Addressing / GIS Department at the address, telephone number or email address listed above.

Residential System Sizing Calculation

Summary

Victores Res

Project Title:
1204041

, FL

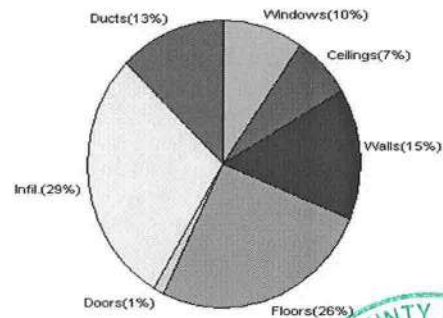
4/18/2012

Location for weather data: Gainesville, FL - Defaults: Latitude(29.7) Altitude(152 ft.) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(54gr.)			
Winter design temperature(MJ8 99%)	33 F	Summer design temperature(MJ8 99%)	92 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	37 F	Summer temperature difference	17 F
Total heating load calculation	34009 Btuh	Total cooling load calculation	35409 Btuh
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	123.5 42000	Sensible (SHR = 0.75)	119.0 31500
Heat Pump + Auxiliary(0.0kW)	123.5 42000	Latent	117.5 10500
		Total (Electric Heat Pump)	118.6 42000

WINTER CALCULATIONS

Winter Heating Load (for 1862 sqft)

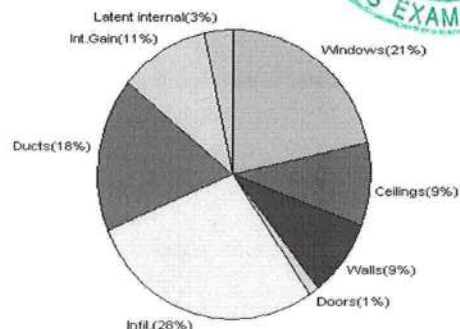
Load component		Load	
Window total	255 sqft	3302	Btuh
Wall total	1543 sqft	5068	Btuh
Door total	28 sqft	414	Btuh
Ceiling total	1983 sqft	2337	Btuh
Floor total	1862 sqft	8863	Btuh
Infiltration	241 cfm	9757	Btuh
Duct loss		4268	Btuh
Subtotal		34009	Btuh
Ventilation	0 cfm	0	Btuh
TOTAL HEAT LOSS		34009	Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 1862 sqft)

Load component		Load	
Window total	255 sqft	7604	Btuh
Wall total	1543 sqft	3062	Btuh
Door total	28 sqft	314	Btuh
Ceiling total	1983 sqft	3284	Btuh
Floor total		0	Btuh
Infiltration	181 cfm	3362	Btuh
Internal gain		3780	Btuh
Duct gain		5063	Btuh
Sens. Ventilation	0 cfm	0	Btuh
Blower Load		0	Btuh
Total sensible gain		26469	Btuh
Latent gain(ducts)		1137	Btuh
Latent gain(infiltration)		6602	Btuh
Latent gain(ventilation)		0	Btuh
Latent gain(internal/occupants/other)		1200	Btuh
Total latent gain		8939	Btuh
TOTAL HEAT GAIN		35409	Btuh



8th Edition

EnergyGauge® System Sizing

PREPARED BY: EVAN BERNSELEY

DATE: 4/18/12

EnergyGauge® / USRFZB v3.0

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Victores Res

Project Title:

1204041

, FL

Building Type: User

4/18/2012

Reference City: Gainesville, FL (Defaults) Winter Temperature Difference: 37.0 F (MJ8 99%)

Component Loads for Whole House

Window	Panes/Type	Frame	U	Orientation	Area(sqft)	X	HTM=	Load
1	2, NFRC 0.35	Metal	0.35	N	32.0		12.9	414 Btuh
2	2, NFRC 0.35	Metal	0.35	N	6.0		12.9	78 Btuh
3	2, NFRC 0.35	Metal	0.35	E	54.0		12.9	699 Btuh
4	2, NFRC 0.35	Metal	0.35	E	24.0		12.9	311 Btuh
5	2, NFRC 0.35	Metal	0.35	S	3.0		12.9	39 Btuh
6	2, NFRC 0.35	Metal	0.35	W	64.0		12.9	829 Btuh
7	2, NFRC 0.35	Metal	0.35	NW	13.3		12.9	173 Btuh
8	2, NFRC 0.35	Metal	0.35	W	26.7		12.9	345 Btuh
9	2, NFRC 0.35	Metal	0.35	S	32.0		12.9	414 Btuh
Window Total					255.0(sqft)			3302 Btuh
Walls	Type	Ornt.	Ueff.	R-Value (Cav/Sh)	Area	X	HTM=	Load
1	Frame - Wood	- Ext	(0.089)	13.0/0.0	442		3.28	1452 Btuh
2	Frame - Wood	- Ext	(0.089)	13.0/0.0	189		3.28	622 Btuh
3	Frame - Wood	- Ext	(0.089)	13.0/0.0	386		3.28	1267 Btuh
4	Frame - Wood	- Ext	(0.089)	13.0/0.0	245		3.28	804 Btuh
5	Frame - Wood	- Ext	(0.089)	13.0/0.0	10		3.28	33 Btuh
6	Frame - Wood	- Adj	(0.089)	13.0/0.0	272		3.28	892 Btuh
Wall Total					1543(sqft)			5068 Btuh
Doors	Type	Storm	Ueff.		Area	X	HTM=	Load
1	Insulated - Exterior, n		(0.400)		8		14.8	118 Btuh
2	Insulated - Exterior, n		(0.400)		7		14.8	99 Btuh
3	Insulated - Exterior, n		(0.400)		13		14.8	197 Btuh
Door Total					28(sqft)			414 Btuh
Ceilings	Type/Color/Surface		Ueff.	R-Value	Area	X	HTM=	Load
1	Vented Attic/D/Shing		(0.032)	30.0/0.0	1983		1.2	2337 Btuh
Ceiling Total					1983(sqft)			2337 Btuh
Floors	Type		Ueff.	R-Value	Size	X	HTM=	Load
1	Slab On Grade		(1.180)	0.0	203.0 ft(perim.)		43.7	8863 Btuh
Floor Total					1862 sqft			8863 Btuh
Envelope Subtotal:								19984 Btuh
Infiltration	Type	Wholehouse	ACH	Volume(cuft)	Wall Ratio	CFM=		
	Natural		0.86	16758	1.00	240.9		9757 Btuh
Duct load	Average sealed, R6.0, Supply(Att), Return(Att) (DLM of 0.144)							4268 Btuh
All Zones	Sensible Subtotal All Zones							34009 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Victores Res

, FL

Project Title:

1204041

Building Type: User

4/18/2012

WHOLE HOUSE TOTALS

Totals for Heating	Subtotal Sensible Heat Loss	34009 Btuh
	Ventilation Sensible Heat Loss	0 Btuh
	Total Heat Loss	34009 Btuh

EQUIPMENT

1. Electric Heat Pump	#	42000 Btuh
-----------------------	---	------------

Key: Window types - NFRC (Requires U-Factor and Shading coefficient(SHGC) of glass as numerical values)
or - Glass as 'Clear' or 'Tint' (Uses U-Factor and SHGC defaults)

U - (Window U-Factor)

HTM - (ManualJ Heat Transfer Multiplier)



Version 8

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Victores Res

Project Title:
1204041

, FL

4/18/2012

Reference City: Gainesville, FL

Temperature Difference: 17.0F(MJ8 99%)

Humidity difference: 54gr.

Component Loads for Whole House

Window	Type*					Overhang		Window Area(sqft)			HTM		Load		
	Panes	SHGC	U	InSh	IS	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2 NFRC	0.35, 0.35	No	No	N		1.5ft.	1.5ft.	32.0	0.0	32.0	13	13	426	Btuh
2	2 NFRC	0.35, 0.35	No	No	N		1.5ft.	1.5ft.	6.0	0.0	6.0	13	13	80	Btuh
3	2 NFRC	0.35, 0.35	No	No	E		1.5ft.	1.5ft.	54.0	0.0	54.0	13	40	2143	Btuh
4	2 NFRC	0.35, 0.35	No	No	E		1.5ft.	1.5ft.	24.0	0.0	24.0	13	40	953	Btuh
5	2 NFRC	0.35, 0.35	No	No	S		1.5ft.	1.5ft.	3.0	3.0	0.0	13	16	40	Btuh
6	2 NFRC	0.35, 0.35	No	No	W		4.5ft.	1.5ft.	64.0	23.8	40.2	13	40	1911	Btuh
7	2 NFRC	0.35, 0.35	No	No	NW		9.5ft.	1.5ft.	13.3	0.0	13.3	13	29	393	Btuh
8	2 NFRC	0.35, 0.35	No	No	W		4.5ft.	1.5ft.	26.7	8.9	17.7	13	40	823	Btuh
9	2 NFRC	0.35, 0.35	No	No	S		1.5ft.	1.5ft.	32.0	32.0	0.0	13	16	426	Btuh
	Excursion													409	Btuh
	Window Total								255 (sqft)					7604 Btuh	
Walls	Type						U-Value	R-Value	Area(sqft)			HTM		Load	
								Cav/Sheath							
1	Frame - Wood - Ext						0.09	13.0/0.0	442.0			2.1		922 Btuh	
2	Frame - Wood - Ext						0.09	13.0/0.0	189.3			2.1		395 Btuh	
3	Frame - Wood - Ext						0.09	13.0/0.0	385.8			2.1		805 Btuh	
4	Frame - Wood - Ext						0.09	13.0/0.0	244.8			2.1		511 Btuh	
5	Frame - Wood - Ext						0.09	13.0/0.0	10.0			2.1		21 Btuh	
6	Frame - Wood - Adj						0.09	13.0/0.0	271.5			1.5		410 Btuh	
	Wall Total							1543 (sqft)					3062 Btuh		
Doors	Type								Area (sqft)			HTM		Load	
1	Insulated - Exterior								8.0			11.2		90 Btuh	
2	Insulated - Exterior								6.7			11.2		75 Btuh	
3	Insulated - Exterior								13.3			11.2		149 Btuh	
	Door Total							28 (sqft)					314 Btuh		
Ceilings	Type/Color/Surface						U-Value	R-Value	Area(sqft)			HTM		Load	
1	Vented Attic/DarkShingle						0.032	30.0/0.0	1983.0			1.66		3284 Btuh	
	Ceiling Total							1983 (sqft)					3284 Btuh		
Floors	Type							R-Value	Size			HTM		Load	
1	Slab On Grade							0.0	1862 (ft-perimeter)			0.0		0 Btuh	
	Floor Total							1862.0 (sqft)					0 Btuh		
	Envelope Subtotal:													14264 Btuh	
Infiltration	Type						Average ACH	Volume(cuft)	Wall Ratio		CFM=		Load		
	Natural						0.65	16758	1		180.7		3362 Btuh		
Internal gain							Occupants	Btuh/occupant			Appliance		Load		
							6	X 230	+		2400		3780 Btuh		
	Sensible Envelope Load:													21406 Btuh	
Duct load	Average sealed, Supply(R6.0-Attic), Return(R6.0-Attic)										(DGM of 0.237)		5063 Btuh		
	Sensible Load All Zones													26469 Btuh	

Manual J Summer Calculations

Residential Load - Component Details (continued)

Victores Res
, FL

Project Title:
1204041

Climate: FL_GAINESVILLE_REGIONAL_A

4/18/2012

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	21406 Btuh
	Sensible Duct Load	5063 Btuh
	Total Sensible Zone Loads	26469 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	26469 Btuh
	Latent infiltration gain (for 54 gr. humidity difference)	6602 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	1137 Btuh
	Latent occupant gain (6.0 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	Latent total gain	8939 Btuh
	TOTAL GAIN	35409 Btuh

EQUIPMENT

1. Central Unit	#	42000 Btuh
-----------------	---	------------

*Key: Window types (Panels - Number and type of panes of glass)
 (SHGC - Shading coefficient of glass as SHGC numerical value)
 (U - Window U-Factor)
 (InSh - Interior shading device: none(No), Blinds(B), Draperies(D) or Roller Shades(R))
 - For Blinds: Assume medium color, half closed
 For Draperies: Assume medium weave, half closed
 For Roller shades: Assume translucent, half closed
 (IS - Insect screen: none(N), Full(F) or Half(½))
 (Ornt - compass orientation)



Version 8

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Business and Professional Regulation - Residential Performance Method

Project Name: 1204041 Street: City, State, Zip: , FL , Owner: Victores Res Design Location: FL, Gainesville		Builder Name: Bryan Zecher Permit Office: <i>Columbia</i> Permit Number: Jurisdiction: <i>221006</i>	
---	--	---	--

1. New construction or existing New (From Plans) 2. Single family or multiple family Single-family 3. Number of units, if multiple family 1 4. Number of Bedrooms 3 5. Is this a worst case? Yes 6. Conditioned floor area above grade (ft²) 1862 Conditioned floor area below grade (ft²) 0 7. Windows(255.0 sqft.) Description Area a. U-Factor: Dbl, U=0.35 255.00 ft² SHGC: SHGC=0.35 b. U-Factor: N/A ft² SHGC: c. U-Factor: N/A ft² SHGC: d. U-Factor: N/A ft² SHGC: Area Weighted Average Overhang Depth: 2.985 ft. Area Weighted Average SHGC: 0.350 8. Floor Types (1862.0 sqft.) Insulation Area a. Slab-On-Grade Edge Insulation R=0.0 1862.00 ft² b. N/A R= ft² c. N/A R= ft²	9. Wall Types(1826.3 sqft.) Insulation Area a. Frame - Wood, Exterior R=13.0 1554.80 ft² b. Frame - Wood, Adjacent R=13.0 271.50 ft² c. N/A R= ft² d. N/A R= ft² 10. Ceiling Types (1983.0 sqft.) Insulation Area a. Under Attic (Vented) R=30.0 1983.00 ft² b. N/A R= ft² c. N/A R= ft² 11. Ducts R ft² a. Sup: Attic, Ret: Attic, AH: RoomsInBlock1 6 372.4 12. Cooling systems kBtu/hr Efficiency a. Central Unit 42.0 SEER:13.00 13. Heating systems kBtu/hr Efficiency a. Electric Heat Pump 42.0 HSPF:7.70 14. Hot water systems a. Electric Cap: 40 gallons b. Conservation features EF: 0.920 None 15. Credits Pstat
--	--

Glass/Floor Area: 0.137	Total Proposed Modified Loads: 32.63	PASS
	Total Standard Reference Loads: 40.97	

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code. PREPARED BY: <i>ELIAN BEAMSLER</i> DATE: <i>4/18/12</i> I hereby certify that this building, as designed, is in compliance with the Florida Energy Code. OWNER/AGENT: <i>[Signature]</i> DATE: <i>4/18/12</i>	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. BUILDING OFFICIAL: _____ DATE: _____
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- Compliance requires completion of a Florida Air Barrier and Insulation Inspection Checklist



PROJECT

Title:	1204041	Bedrooms:	3	Address Type:	Street Address
Building Type:	FLProp2010	Conditioned Area:	1862	Lot #	
Owner:	Victores Res	Total Stories:	1	Block/SubDivision:	
# of Units:	1	Worst Case:	Yes	PlatBook:	
Builder Name:	Bryan Zecher	Rotate Angle:	135	Street:	
Permit Office:		Cross Ventilation:		County:	Columbia
Jurisdiction:		Whole House Fan:		City, State, Zip:	FL
Family Type:	Single-family				
New/Existing:	New (From Plans)				
Comment:					

CLIMATE

✓	Design Location	TMY Site	IECC Zone	Design Temp 97.5 %	2.5 %	Int Design Temp Winter	Summer	Heating Degree Days	Design Moisture	Daily Temp Range
_____	FL, Gainesville	FL_GAINESVILLE_REGI	2	32	92	70	75	1305.5	51	Medium

BLOCKS

Number	Name	Area	Volume
1	Block1	1862	16758

SPACES

Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Infil ID	Finished	Cooled	Heated
1	RoomsInBlock1	1862	16758	Yes	3	3	1	Yes	Yes	Yes

FLOORS

✓	#	Floor Type	Space	Perimeter	R-Value	Area		Tile	Wood	Carpet
_____	1	Slab-On-Grade Edge Insulatio	RoomsInBlock1	203 ft	0	1862 ft²	----	0.3	0.3	0.4

ROOF

✓	#	Type	Materials	Roof Area	Gable Area	Roof Color	Solar Absor.	SA Tested	Emitt	Emitt Tested	Deck Insul.	Pitch (deg)
_____	1	Hip	Composition shingles	2085 ft²	0 ft²	Dark	0.96	No	0.9	No	0	26.6

ATTIC

✓	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
_____	1	Full attic	Vented	300	1864 ft²	N	N

CEILING

✓	#	Ceiling Type	Space	R-Value	Area	Framing Frac	Truss Type
_____	1	Under Attic (Vented)	RoomsInBlock1	30	1983 ft²	0.11	Wood

WALLS

✓	#	Ornt	Adjacent To	Wall Type	Space	Cavity R-Value	Width Ft	In	Height Ft	In	Area	Sheathing R-Value	Framing Fraction	Solar Absor.	Below Grade%
	1	N	Exterior	Frame - Wood	RoomsInBloc	13	53	4	9		480 ft²		0.23	0.75	0
	2	E	Exterior	Frame - Wood	RoomsInBloc	13	30	7	9		275.25 ft²		0.23	0.75	0
	3	S	Exterior	Frame - Wood	RoomsInBloc	13	46	9	9		420.75 ft²		0.23	0.75	0
	4	W	Exterior	Frame - Wood	RoomsInBloc	13	38	9	9		348.75 ft²		0.23	0.75	0
	5	NW	Exterior	Frame - Wood	RoomsInBloc	13	3	4	9		30 ft²		0.23	0.75	0
	6	S	Garage	Frame - Wood	RoomsInBloc	13	30	2	9		271.5 ft²		0.23	0.01	0

DOORS

✓	#	Ornt	Door Type	Space	Storms	U-Value	Width Ft	In	Height Ft	In	Area
	1	E=>SW	Insulated	RoomsInBloc	None	0.4	1		8		8 ft²
	2	NW=>E	Insulated	RoomsInBloc	None	0.4	1		8		6.666666
	3	W=>NE	Insulated	RoomsInBloc	None	0.4	1		8		13.33333

WINDOWS

Orientation shown is the entered orientation (=>) changed to Worst Case.

✓	#	Ornt	Wall ID	Frame	Panes	NFRC	U-Factor	SHGC	Storms	Area	Overhang Depth	Separation	Int Shade	Screening
	1	N=>SE	1	Metal	Low-E Double	Yes	0.35	0.35	N	32 ft²	1 ft 6 in	1 ft 6 in	HERS 2006	None
	2	N=>SE	1	Metal	Low-E Double	Yes	0.35	0.35	N	6 ft²	1 ft 6 in	1 ft 6 in	HERS 2006	None
	3	E=>SW	2	Metal	Low-E Double	Yes	0.35	0.35	N	54 ft²	1 ft 6 in	1 ft 6 in	HERS 2006	None
	4	E=>SW	2	Metal	Low-E Double	Yes	0.35	0.35	N	24 ft²	1 ft 6 in	1 ft 6 in	HERS 2006	None
	5	S=>NW	3	Metal	Low-E Double	Yes	0.35	0.35	N	3 ft²	1 ft 6 in	1 ft 6 in	HERS 2006	None
	6	W=>NE	4	Metal	Low-E Double	Yes	0.35	0.35	N	64 ft²	4 ft 6 in	1 ft 6 in	HERS 2006	None
	7	NW=>E	5	Metal	Low-E Double	Yes	0.35	0.35	N	13.33333	9 ft 6 in	1 ft 6 in	HERS 2006	None
	8	W=>NE	4	Metal	Low-E Double	Yes	0.35	0.35	N	26.66666	4 ft 6 in	1 ft 6 in	HERS 2006	None
	9	S=>NW	3	Metal	Low-E Double	Yes	0.35	0.35	N	32 ft²	1 ft 6 in	1 ft 6 in	HERS 2006	None

GARAGE

✓	#	Floor Area	Ceiling Area	Exposed Wall Perimeter	Avg. Wall Height	Exposed Wall Insulation
	1	686.1591 ft²	686.1591 ft²	77 ft	9 ft	1

INFILTRATION

#	Scope	Method	SLA	CFM 50	ELA	EqLA	ACH	ACH 50
1	BySpaces	Proposed SLA	0.000360	1758.2	96.526	181.53	0.2771	6.2952

HEATING SYSTEM

✓	#	System Type	Subtype	Efficiency	Capacity	Block	Ducts
✓	1	Electric Heat Pump	None	HSPF: 7.7	42 kBtu/hr	1	sys#1

COOLING SYSTEM

✓	#	System Type	Subtype	Efficiency	Capacity	Air Flow	SHR	Block	Ducts
✓	1	Central Unit	None	SEER: 13	42 kBtu/hr	1260 cfm	0.75	1	sys#1

HOT WATER SYSTEM

✓	#	System Type	SubType	Location	EF	Cap	Use	SetPnt	Conservation
✓	1	Electric	None	Garage	0.92	40 gal	60 gal	120 deg	None

SOLAR HOT WATER SYSTEM

✓	FSEC	Cert #	Company Name	System Model #	Collector Model #	Collector Area	Storage Volume	FEF
✓	None	None				ft²		

DUCTS

✓	#	Location	Supply R-Value	Area	Location	Return Area	Leakage Type	Air Handler CFM 25	Percent Leakage	QN	RLF	HVAC # Heat	HVAC # Cool
✓	1	Attic	6	372.4 ft	Attic	93.1 ft²	DSE=0.88	RoomsInBl 0.0 cfm	0.00 %	0.00	0.60	1	1

TEMPERATURES

Programable Thermostat: Y		Ceiling Fans:											
Cooling	[X] Jan	[X] Feb	[X] Mar	[X] Apr	[X] May	[X] Jun	[X] Jul	[X] Aug	[X] Sep	[X] Oct	[X] Nov	[X] Dec	
Heating	[X] Jan	[X] Feb	[X] Mar	[X] Apr	[X] May	[X] Jun	[X] Jul	[X] Aug	[X] Sep	[X] Oct	[X] Nov	[X] Dec	
Venting	[X] Jan	[X] Feb	[X] Mar	[X] Apr	[X] May	[X] Jun	[X] Jul	[X] Aug	[X] Sep	[X] Oct	[X] Nov	[X] Dec	
Thermostat Schedule: HERS 2006 Reference													
Schedule Type		1	2	3	4	5	6	7	8	9	10	11	12
Cooling (WD)	AM	78	78	78	78	78	78	78	78	80	80	80	80
	PM	80	80	78	78	78	78	78	78	78	78	78	78
Cooling (WEH)	AM	78	78	78	78	78	78	78	78	78	78	78	78
	PM	78	78	78	78	78	78	78	78	78	78	78	78
Heating (WD)	AM	66	66	66	66	66	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	66	66
Heating (WEH)	AM	66	66	66	66	66	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	66	66

Florida Code Compliance Checklist

Florida Department of Business and Professional Regulations
Residential Whole Building Performance Method

ADDRESS:

, FL,

PERMIT #:

MANDATORY REQUIREMENTS SUMMARY - See individual code sections for full details.

COMPONENT	SECTION	SUMMARY OF REQUIREMENT(S)	CHECK
Air leakage	402.4	To be caulked, gasketed, weatherstripped or otherwise sealed. Recessed lighting IC-rated as meeting ASTM E 283. Windows and doors = 0.30 cfm/sq.ft. Testing or visual inspection required. Fireplaces: gasketed doors & outdoor combustion air. Must complete envelope leakage report or visually verify Table 402.4.2.	
Thermostat & controls	403.1	At least one thermostat shall be provided for each separate heating and cooling system. Where forced-air furnace is primary system, programmable thermostat is required. Heat pumps with supplemental electric heat must prevent supplemental heat when compressor can meet the load.	
Ducts	403.2.2	All ducts, air handlers, filter boxes and building cavities which form the primary air containment passageways for air distribution systems shall be considered ducts or plenum chambers, shall be constructed and sealed in accordance with Section 503.2.7.2 of this code.	
	403.3.3	Building framing cavities shall not be used as supply ducts.	
Water heaters	403.4	Heat trap required for vertical pipe risers. Comply with efficiencies in Table 403.4.3.2. Provide switch or clearly marked circuit breaker (electric) or shutoff (gas). Circulating system pipes insulated to = R-2 + accessible manual OFF switch.	
Mechanical ventilation	403.5	Homes designed to operate at positive pressure or with mechanical ventilation systems shall not exceed the minimum ASHRAE 62 level. No make-up air from attics, crawlspaces, garages or outdoors adjacent to pools or spas.	
Swimming Pools & Spas	403.9	Pool pumps and pool pump motors with a total horsepower (HP) of = 1 HP shall have the capability of operating at two or more speeds. Spas and heated pools must have vapor-retardant covers or a liquid cover or other means proven to reduce heat loss except if 70% of heat from site-recovered energy. Off/timer switch required. Gas heaters minimum thermal efficiency=78% (82% after 4/16/13). Heat pump pool heaters minimum COP= 4.0.	
Cooling/heating equipment	403.6	Sizing calculation performed & attached. Minimum efficiencies per Tables 503.2.3. Equipment efficiency verification required. Special occasion cooling or heating capacity requires separate system or variable capacity system. Electric heat >10kW must be divided into two or more stages.	
Ceilings/knee walls	405.2.1	R-19 space permitting.	

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 80

The lower the EnergyPerformance Index, the more efficient the home.

, , FL,

1. New construction or existing	New (From Plans)		9. Wall Types	Insulation	Area
2. Single family or multiple family	Single-family		a. Frame - Wood, Exterior	R=13.0	1554.80 ft ²
3. Number of units, if multiple family	1		b. Frame - Wood, Adjacent	R=13.0	271.50 ft ²
4. Number of Bedrooms	3		c. N/A	R=	ft ²
5. Is this a worst case?	Yes		d. N/A	R=	ft ²
6. Conditioned floor area (ft ²)	1862		10. Ceiling Types	Insulation	Area
7. Windows**	Description	Area	a. Under Attic (Vented)	R=30.0	1983.00 ft ²
a. U-Factor:	DbI, U=0.35	255.00 ft ²	b. N/A	R=	ft ²
SHGC:	SHGC=0.35		c. N/A	R=	ft ²
b. U-Factor:	N/A	ft ²	11. Ducts		R ft ²
SHGC:			a. Sup: Attic, Ret: Attic, AH: RoomsInBlock1		6 372.4
c. U-Factor:	N/A	ft ²	12. Cooling systems	kBtu/hr	Efficiency
SHGC:			a. Central Unit	42.0	SEER:13.00
d. U-Factor:	N/A	ft ²	13. Heating systems	kBtu/hr	Efficiency
SHGC:			a. Electric Heat Pump	42.0	HSPF:7.70
Area Weighted Average Overhang Depth:	2.985 ft.		14. Hot water systems		Cap: 40 gallons
Area Weighted Average SHGC:	0.350		a. Electric		EF: 0.92
8. Floor Types	Insulation	Area	b. Conservation features		
a. Slab-On-Grade Edge Insulation	R=0.0	1862.00 ft ²	None		
b. N/A	R=	ft ²	15. Credits		Pstat
c. N/A	R=	ft ²			

I certify that this home has complied with the Florida Energy Efficiency Code for Building Construction through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL Display Card will be completed based on installed Code compliant features.

Builder Signature: _____

Date: 4/18/12

Address of New Home: 141 SW Sumed Ct

City/FL Zip: W, FL 32024



*Note: This is not a Building Energy Rating. If your Index is below 70, your home may qualify for energy efficient mortgage (EEM) incentives if you obtain a Florida EnergyGauge Rating. Contact the EnergyGauge Hotline at (321) 638-1492 or see the EnergyGauge web site at energygauge.com for information and a list of certified Raters. For information about the Florida Building Code, Energy Conservation, contact the Florida Building Commission's support staff.

**Label required by Section 303.1.3 of the Florida Building Code, Energy Conservation, if not DEFAULT.

Notice of Treatment

Applicator: Florida Pest Control & Chemical Co. (www.flapest.com)

Address: 536 SE BAY AVE

City: Lake City FL **Phone:** 752-717-03

Site Location: Subdivision Timucuan Crossing

Lot # **Block #** **Permit #** 20138

Address: 2550 SW CR 242 Lake City FL 32024

Product used

Active Ingredient

% Concentration

- | | | |
|---|----------------------------------|-------|
| <input checked="" type="checkbox"/> Premise | Imidacloprid | 0.1% |
| <input type="checkbox"/> Termidor | Fipronil | 0.12% |
| <input type="checkbox"/> Bora-Care | Disodium Octaborate Tetrahydrate | 23.0% |

Type treatment:

☒ Soil

☐ Wood

Area Treated	Square feet	Linear feet	Gallons Applied
DWL (main body)	3188	268	300
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

As per Florida Building Code 104.2.6 – If soil chemical barrier method for termite prevention is used, final exterior treatment shall be completed prior to final building approval.

If this notice is for the final exterior treatment, initial this line _____.

5/18/12
Date

0730
Time

James Parker F254
Print Technician's Name

Remarks: _____

Applicator - White

Permit File - Canary

Permit Holder - Pink

10/05

