

DATE 11/07/2008

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT

000027474

APPLICANT LINDA RODER PHONE 752-2281  
ADDRESS 387 SW KEMP CT LAKE CITY FL 32024  
OWNER MICHAEL & DAISY NICKELSON PHONE 719-7069  
ADDRESS 1580 SW LITTLE ROAD LAKE CITY FL 32024  
CONTRACTOR ADAM PAPKA PHONE 623-2383  
LOCATION OF PROPERTY 47S, TL WALTER AVE., TL LITTLE RD., 5TH LOT PAST FINLEY  
LITTLE ON RIGHT, BEFORE 2ND CURVE

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 128300.00  
HEATED FLOOR AREA 1628.00 TOTAL AREA 2566.00 HEIGHT STORIES 1  
FOUNDATION CONC WALLS FRAMED ROOF PITCH 9/12 FLOOR SLAB  
LAND USE & ZONING A-3 MAX. HEIGHT 23  
Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00  
NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 01-5S-16-03390-021 SUBDIVISION  
LOT BLOCK PHASE UNIT TOTAL ACRES 0.90

000001686 CBC1253409  
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor  
WAIVER 08-697 BK WR Y  
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: ONE FOOT ABOVE THE ROAD, NOC ON FILE

Check # or Cash 2004

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power date/app. by Foundation date/app. by Monolithic date/app. by  
Under slab rough-in plumbing date/app. by Slab date/app. by Sheathing/Nailing date/app. by  
Framing date/app. by Rough-in plumbing above slab and below wood floor date/app. by  
Electrical rough-in date/app. by Heat & Air Duct date/app. by Peri. beam (Lintel) date/app. by  
Permanent power date/app. by C.O. Final date/app. by Culvert date/app. by  
M/H tie downs, blocking, electricity and plumbing date/app. by Pool date/app. by  
Reconnection date/app. by Pump pole date/app. by Utility Pole date/app. by  
M/H Pole date/app. by Travel Trailer date/app. by Re-roof date/app. by

BUILDING PERMIT FEE \$ 645.00 CERTIFICATION FEE \$ 12.83 SURCHARGE FEE \$ 12.83  
MISC. FEES \$ 0.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ 0.00 WASTE FEE \$  
FLOOD DEVELOPMENT FEE \$ FLOOD ZONE FEE \$ 25.00 CULVERT FEE \$ TOTAL FEE 745.66  
INSPECTORS OFFICE Gate Tedder CLERKS OFFICE CH

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 PROGRESS WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS.

The Issuance of this Permit Does Not Waive Compliance by Permittee with Deed Restrictions.



JW Left Messages 11.04.08

Columbia County Building Permit Application

For Office Use Only Application # 0810-44 Date Received 10/22/08 By GT Permit # 1686/27474  
Zoning Official BZK Date 04.11.08 Flood Zone X Land Use A-3 Zoning A-3  
FEMA Map # N/A Elevation N/A MFE June Rd River N/A Plans Examiner WR Date 10/28/08  
Comments  
☒ NOC ☒ EH ☒ Deed or PA ☒ Site Plan ☐ State Road Info ☐ Parent Parcel #  
☐ Dev Permit # ☐ In Floodway ☒ Letter of Auth. from Contractor ☐ F W Comp. letter  
IMPACT FEES: EMS \$29.88 Fire \$78.63 Corr 409.16 Road/Code \$1,096.00/210  
School \$1,500.00 = TOTAL \$3,063.67 ☒ Need well letter

Septic Permit No. \_\_\_\_\_

Fax 752-2282

Name Authorized Person Signing Permit Linda or Melanie Roder Phone 752-2281

Address 387 SW Kemp Ct Lake City FL 32024

Owners Name Michael & Daisy Nickelson Phone 719-7069

911 Address 1580 SW Little Rd Lake City FL 32024

Contractors Name Adam Papka Phone 623-2383

Address POB 1921 Lake City FL 32056

Fee Simple Owner Name & Address NA

Bonding Co. Name & Address NA

Architect/Engineer Name & Address William Myers / Mark Disosway

Mortgage Lenders Name & Address First Federal

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

Property ID Number 01-55-16-03390-021 Estimated Cost of Construction 130 K

Subdivision Name \_\_\_\_\_ Lot \_\_\_\_\_ Block \_\_\_\_\_ Unit \_\_\_\_\_ Phase \_\_\_\_\_

Driving Directions State Rd 47S, L on Walter Ave, Left on Little Rd, Lot on R just before 2nd curve 5th lot past Finley Little Rd. on right  
before 2nd curve

Number of Existing Dwellings on Property 0

Construction of single family dwelling

Total Acreage .90 Lot Size .90

Do you need a - ☒ Culvert Permit ☒ Culvert Waiver ☐ Have an Existing Drive

Total Building Height 23'-3"

Actual Distance of Structure from Property Lines - Front 60' Side 52'-11" Side 52'-11" Rear 123'

Number of Stories 2 Heated Floor Area 1628 Total Floor Area 2566 Roof Pitch 8-12  
9-12

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



**Columbia County Building Permit Application**

**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.

**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.

**OWNERS CERTIFICATION:** I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning. I further understand the above written responsibilities in Columbia County for obtaining this Building Permit.

X [Signature]  
Owners Signature

NOTARY PUBLIC-STATE OF FLORIDA  
Linda R. Roder  
Commission # DD755608  
Expires: MAR. 24, 2012  
BONDED THRU ATLANTIC BONDING CO., INC.

**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.

X [Signature]  
Contractor's Signature (Permittee)

Contractor's License Number CBC1253409  
Columbia County  
Competency Card Number \_\_\_\_\_

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 16 day of Oct 2008  
Personally known ☒ or Produced Identification \_\_\_\_\_

[Signature]  
State of Florida Notary Signature (For the Contractor)

SEAL:

NOTARY PUBLIC-STATE OF FLORIDA  
Linda R. Roder  
Commission # DD755608  
Expires: MAR. 24, 2012  
BONDED THRU ATLANTIC BONDING CO., INC.

Page 2 of 2 (Both Pages must be submitted together.)

Revised 11-30-07

0310-44

**AFFIDAVIT OF SUBDIVIDED REAL PROPERTY  
FOR USE OF IMMEDIATE FAMILY MEMBERS  
FOR PRIMARY RESIDENCE**

**STATE OF FLORIDA  
COUNTY OF COLUMBIA**

BEFORE ME the undersigned Notary Public personally appeared.

Mark Nickelson the Owner of the parent tract which has  
been subdivided for immediate family primary residence use, hereinafter the Owner, and  
Mike Nickelson the family member of the  
Owner, who is the owner of the family parcel which is intended for immediate family  
primary residence use, hereafter the Family Member, and is related to the Owner as  
brothers, and both individuals being first duly sworn  
according to law, depose and say:

1. Both the Owner and the Family Member have personal knowledge of all matters set forth in this Affidavit.
2. The Owner holds fee simple title to certain real property situated in Columbia County, and more particularly described by reference to the Columbia county Property Appraiser Tax Parcel No. 01-55-16-03390-021.
3. The Owner has divided his parent parcel for use of immediate family members for their primary residence and the parcel divided and the remaining parent parcel as at least 1/2 acre in size. Immediate family is defined as grandparent, parent, step-parent, adopted parent, sibling, child, step-child, adopted child or grandchild.
4. The Family Member is a member of the Owner's immediate family, as set forth above, and holds fee simple title to certain real property divided from the Owner's parcel situated in Columbia County and more particularly described by reference to the Columbia County Property Appraiser Tax Parcel No. 01-55-16-03390-021.
5. No person or entity other than the Owner and Family Member claims or is presently entitled to the right of possession or is in possession of the property, and there are no tenancies, leases or other occupancies that affect the Property.
6. This Affidavit is made for the specific purpose of inducing Columbia County to recognize a family division for a family member on the parcel divided in accordance with Section 14.9 of the Columbia County Land Development Regulations.



- 0810-44
7. This Affidavit is made and given by Affiants with full knowledge that the facts contained herein are accurate and complete, and with full knowledge that the penalties under Florida law for perjury include conviction of a felony of the 1<sup>st</sup> degree.

We Hereby Certify that the information contained in this Affidavit are true and correct.

X [Signature]  
Owner

X [Signature]  
Family Member

Mark Nickelson  
Typed or Printed Name

Mike Nickelson  
Typed or Printed Name

Subscribed and sworn to (or affirmed) before me this 28 day of Oct, 2008, by \_\_\_\_\_ (Owner) who is personally known to me or has produced \_\_\_\_\_ as identification.

[Signature]  
Notary Public

NOTARY PUBLIC STATE OF FLORIDA  
Jag R. Roder  
Commission # DD755608  
Expires: MAR. 24, 2012  
BONDED THRU ATLANTIC BONDING CO., INC.

Subscribed and sworn to (or affirmed) before me this 28 day of Oct, 2008, by \_\_\_\_\_ (Family Member) who is personally known to me or has produced \_\_\_\_\_ as identification.

[Signature]  
Notary Public

NOTARY PUBLIC STATE OF FLORIDA  
Linda R. Roder  
Commission # DD755608  
Expires: MAR. 24, 2012  
BONDED THRU ATLANTIC BONDING CO., INC.



Prepared by & Return to:  
Matthew D. Rocco  
Sierra Title, LLC  
619 SW Baya Drive, Suite 102  
Lake City, Florida 32025

File Number: 08-0155

Inst:200812019004 Date:10/16/2008 Time:1:15 PM  
Doc Stamp-Deed:0.70  
JDC, P. DeWitt Cason, Columbia County Page 1 of 2 B:1160 P:1488

## General Warranty Deed

Made this October 14, 2008 A.D. By Mark Nickelson, a married man, whose post office address is: PO Box 152, Lake City, FL 32056, hereinafter called the grantor, to Michael J. Nickelson and his wife, Daisy M. Nickelson, whose post office address is: 350 SW Meadow Terrace, Lake City, FL 32024, 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"

Said property is not the homestead of the Grantor(s) under the laws and constitution of the State of Florida in that neither Grantor(s) or any members of the household of Grantor(s) reside thereon.

Parcel ID Number: 01-5S-16-03390-021

**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:

  
Witness Printed Name Jonathan Rocco

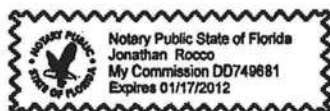
  
Mark Nickelson (Seal)  
Address: PO Box 152


  
Witness Printed Name MELINDA WEAVER

\_\_\_\_\_  
(Seal)  
Address:

State of Florida  
County of Columbia

The foregoing instrument was acknowledged before me this 14th day of October, 2008, by Mark Nickelson, who is/are personally known to me or who has produced \_\_\_\_\_ as identification.



  
Notary Public  
Print Name: JONATHAN ROCCO  
My Commission Expires: \_\_\_\_\_



Prepared by & Return to:  
Matthew D. Rocco  
Sierra Title, LLC  
619 SW Baya Drive, Suite 102  
Lake City, Florida 32025

File Number: 08-0155

### **"Schedule A"**

Commence at the SE corner of the NW 1/4, Section 1, Township 5 South, Range 16 East, Columbia County, Florida, and thence run N 01 degrees 41'37" East, along the East line of said NW 1/4, 240.00 feet; thence N 88 degrees 45'17" West 10.09 feet to the West maintained right of way of SW Little Road and the Point of Beginning; thence continue N 88 degrees 45'17" West, 231.15 feet; thence N 01 degrees 14'21" East, 166.81 feet; thence S 88 degrees 45'17" East, 232.93 feet to said East Maintained right of way; thence S 01 degrees 51'07" West, along said East maintained right of way 166.82 feet to the Point of Beginning.



Prepared by & Return to:  
Matthew D. Rocco  
Sierra Title, LLC  
619 SW Baya Drive, Suite 102  
Lake City, Florida 32025

File Number: 08-0155

0810-44  
Nickelson

Sister + brother-in-law

Inst: 200812019003 Date: 10/16/2008 Time: 1:15 PM  
Doc Stamp: Deed.252.00  
J.M., D.C.P., DeWitt Casson, Columbia County Page 1 of 2 E:1160 P:1484

### General Warranty Deed

Made this October 14, 2008 A.D. By Timothy Carrender and Elizabeth Carrender, husband and wife, whose post office address is: PO Box 3568, Lake City, FL 32056, hereinafter called the grantor, to Mark Nickelson, a married man, whose post office address is: PO Box 152, Lake City, FL 32056, hereinafter called the grantee:

(Whoever 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: 01-S5-16-03390-021

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:

Jonathan Rocco  
Witness Printed Name Jonathan Rocco

Timothy Carrender (Seal)  
Timothy Carrender  
Address: PO Box 3568, Lake City, FL 32056

Melinda Weaver  
Witness Printed Name Melinda Weaver

Elizabeth Carrender (Seal)  
Elizabeth Carrender  
Address:

State of Florida  
County of Columbia

The foregoing instrument was acknowledged before me this 14th day of October, 2008, by Timothy Carrender and his wife, Elizabeth Carrender, who is/are personally known to me or who has produced \_\_\_\_\_ as identification.



Jonathan Rocco  
Notary Public  
Print Name: Jonathan Rocco  
My Commission  
Expires: \_\_\_\_\_

Prepared by & Return to:  
Matthew D. Rocco  
Sierra Title, LLC  
619 SW Baya Drive, Suite 102  
Lake City, Florida 32025

File Number: 08-0155

0810-44  
Nickelson

**"Schedule A"**

Commence at the SE corner of the NW 1/4, Section 1, Township 5 South, Range 16 East, Columbia County, Florida, and thence run N 01 degrees 41'37" East, along the East line of said NW 1/4, 240.00 feet; thence N 88 degrees 45'17" West 10.09 feet to the West maintained right of way of SW Little Road and the Point of Beginning; thence continue N 88 degrees 45'17" West, 231.15 feet; thence N 01 degrees 14'21" East, 166.81 feet; thence S 88 degrees 45'17" East, 232.93 feet to said East Maintained right of way; thence S 01 degrees 51'07" West, along said East maintained right of way 166.82 feet to the Point of Beginning.





## Columbia County, Florida Planning & Zoning Department

Review of Building Permit for compliance with  
County's Comprehensive Plan and  
Land Development Regulations

To: Linda or Melanie Roder

Fax: 386.752.2282

From : Brian L. Kepner, County Planner

Fax: 386.758.2160

Number of Pages : 4

Date : 28 October 2008

RE: Building Permit Application 0810-44, Nickelson

Dear Linda or Melanie:

I have had previous discussions concerning this property. I need copies of deeds showing ownership being given to Mark Nickelson as indicated in the enclosed e-mail. I will also need the Special Family Lot affidavit has to be completed by the family members and the original returned to this office.

If you have any questions concerning this matter, please do not hesitate to contact me at 386.754.7119.

Sincerely,

A handwritten signature in black ink, appearing to read "Brian L. Kepner", written over a red curved line.

Brian L. Kepner  
Land Development Regulation Administrator,  
County Planner

Enclosure

**Confidentiality Notice:** This facsimile transmission is confidential and is intended only for the review of the party to whom it is addressed. It may contain proprietary and/or privileged information protected by law. If you are not the intended recipient, you may not use, copy or distribute this facsimile message or its attachments. If you have received this transmission in error, please immediately telephone the sender above to arrange for its return.

## Brian Kepner

---

**From:** Aaron Nickelson [aaron@aaronnickelson.com]  
**Sent:** Thursday, June 12, 2008 5:50 PM  
**To:** Brian Kepner  
**Subject:** RE: Follow Up on Lot  
**Attachments:** image001.gif

See answers below in Red.

**From:** Brian Kepner [mailto:brian\_kepner@columbiacountyfla.com]  
**Sent:** Thursday, June 12, 2008 4:24 PM  
**To:** Aaron Nickelson  
**Subject:** RE: Follow Up on Lot

Aaron,

I have talked to the County Attorney and we are looking at making decisions on a case by case basis concerning these lots and possible intent to violate the Land Development Regulations. I will need the following information in order for a decision to be made;

1. Tax parcel ID Number : 01-5S-16-03390-021
2. Date property is deeded to family member and the family relationship: 11/9/2005 and the original owners deeded it to their sister.
3. The reason why the family member cannot build on the lot: Family Member can build but opted to purchase a Sacre lot in The Cove at Rose Creek when that came available 1 year later. Rose creek is the same location and when it came open They just changed their mind and the original owner did not want the land back.
4. who wants to purchase the property and if any what is the relationship to both the original owner and the family member who was deeded the property, if any. Mike Nickelson my brother wants to purchase the property and has no relationship to the original owner except through marriage. My brother Mark Nickelson owns the lot next to this and it was deeded to him as the original owner was his Brother-in-law. It could be deeded to the original owner and then to Mark, and a third time to Mike if you wanted all the deeds to be to Family. That seems a bit much but it is 3 deeds away from the original intent.

Brian Kepner  
Columbia County  
Land Development  
Regulation Administrator  
386.758.1008  
386.758.2160 FAX



PLEASE NOTE: Florida has a very broad public records law. Most written communications to or from government officials regarding government business are public records available to the public and media upon request. Your e-mail communications may be subject to public disclosure.



Notice of Authorization

I Adam Roder, hereby authorize Linda Roder or Melanie Roder to be my Representative and act on my behalf in all aspects for applying for a Building Permit to be located in Columbia County.

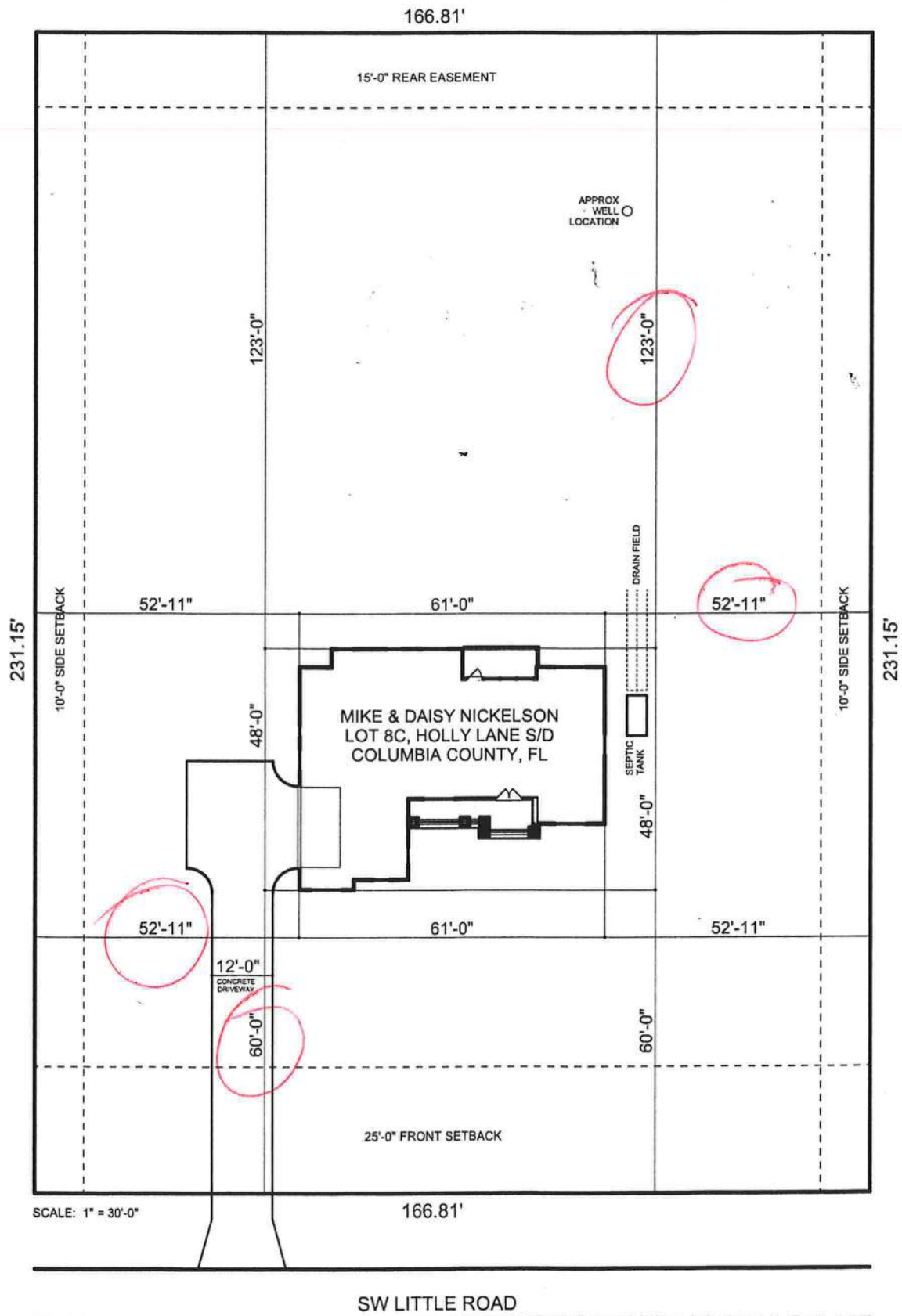
[Signature]  
Contractor's Signature

10-16-08  
Date

Sworn and Subscribed to me this 16 day of October, 2008  
Personally known ✓  
Produced Identification \_\_\_\_\_

[Signature]  
Notary Public

NOTARY PUBLIC-STATE OF FLORIDA  
Linda R. Roder  
Commission #DD755603  
Expires: MAR. 24, 2012  
BONDED THRU ATLANTIC BONDING CO., INC.





0810-44

# 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

October 27, 2008

Notice To All Contractors:

To: Adam's Framing

Re: Mike Nickelson

Please be advised that due to the new building codes we will  
Use a large capacity diaphragm tank on all new well.  
This will insure 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,

*Russell Davis*  
*Hall Pump & Well*

Donald Hall

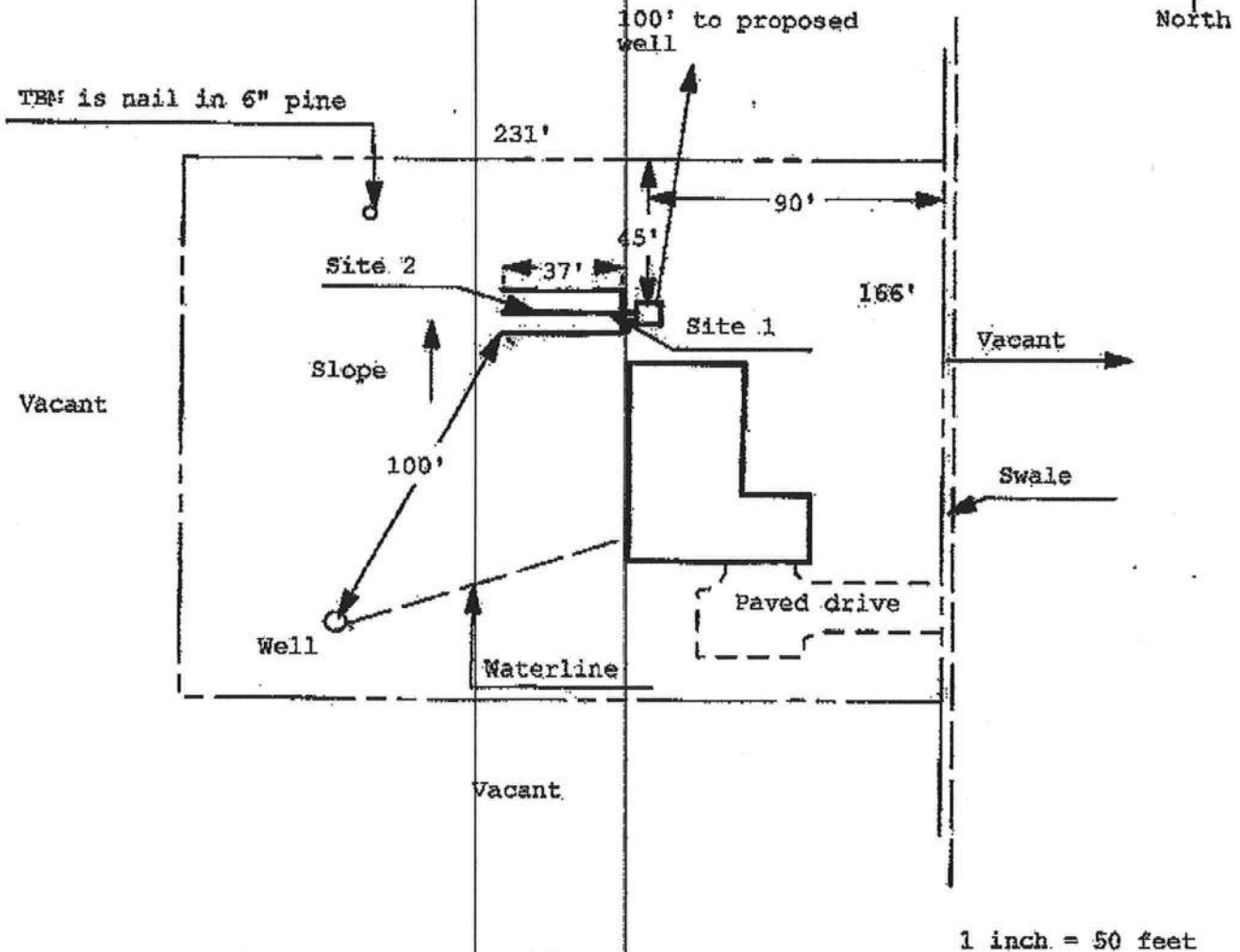
*Linda Roder*

0810-44

**Application for Onsite Sewage Disposal System  
Construction Permit. Part II Site Plan**  
Permit Application Number: 08-0697

**ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT**

NICKELSON/CR 08-4502



Site Plan Submitted By Paul D. [Signature] Date 10/22/08  
 Plan Approved ☒ Not Approved ☐ Date 11-6-07  
 By [Signature] Columbia CPHU  
 Notes: \_\_\_\_\_



0810-44

08-0697

STATE OF FLORIDA  
DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES  
ON-SITE SEWAGE DISPOSAL SYSTEM  
APPLICATION FOR CONSTRUCTION PERMIT  
Authority: Chapter 381, FS & Chapter 10D-6, FAC

PERMIT # AP899786  
DATE PAID 10-22-08  
FEE PAID \$ 310.00  
RECEIPT # 12-PRD-1075568  
CR # 08-4502

## APPLICATION FOR:

☒ New System    ☐ Existing System    ☐ Holding Tank    ☐ Temporary/Experimental System  
☐ Repair    ☐ Abandonment    ☐ Other (Specify) \_\_\_\_\_

APPLICANT: MIKE & DAISY NICKELSONTELEPHONE: 386-752-4202AGENT: ADAM'S FRAMING / NORTH FLORIDA PERMIT SERVICESFax 752-2282MAILING ADDRESS: P.O. BOX 1921CITY: LAKE CITYSTATE: FL ZIP: 32056911-1580 SW Little Rd Lake City FL 32024

TO BE COMPLETED BY APPLICANT OR APPLICANT'S AUTHORIZED AGENT. ATTACH BUILDING PLAN AND TO-SCALE SITE PLAN SHOWING PERTINENT FEATURES REQUIRED BY CHAPTER 10D-6, FLORIDA ADMINISTRATIVE CODE.

PROPERTY INFORMATION (IF LOT IS NOT IN A RECORDED SUBDIVISION, ATTACH LEGAL DESCRIPTION OR DEED)

LOT: P/A BLOCK: P/A SUBDIVISION: MEETS & BOUNDS DATE SUBD: P/A

PROPERTY ID #: 01-55-16-03390-021 [Section/Township/Range/Parcel] ZONING: SR

PROPERTY SIZE: 0.90 ACRES (Sqft/43560) PROPERTY WATER SUPPLY: ☒ PRIVATE ☐ PUBLIC

PROPERTY STREET ADDRESS: SW LITTLE ROAD

DIRECTIONS TO PROPERTY: STATE ROAD 47 SOUTH, TL ON WALTERS AVENUE, TL ON LITTLE ROAD, LOT ON RIGHT JUST BEFORE SECOND CURVE

## BUILDING INFORMATION

☒ RESIDENTIAL☐ COMMERCIAL

Unit No.	Type of Establishment	No. of Bedrooms	Building Area Sqft	# Persons Served	Business Activity For Commercial Only
1	HOUSE	3	1855	4	30060
2					
3					
4					

☐ Garbage Grinders/Disposals☐ Spas/Hot Tubs☐ Floor/Equipment Drains☐ Ultra-low Volume Flush Toilets☐ Other (Specify) \_\_\_\_\_APPLICANT'S SIGNATURE: [Signature]DATE: 10-22-08

HRS-H Form 4015 March 1992. (Obsoletes Previous Editions Which May Not Be Used)

Page 1 of 3

# FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs  
Residential Whole Building Performance Method A

Project Name: **Mike & Daisy Nickelson**  
Address: **SW Little Road**  
City, State: **Columbia County, FL 32024-**  
Owner: **Nickelson Residence**  
Climate Zone: **North**

Builder: **Papka**  
Permitting Office: **Columbia County**  
Permit Number: **27474**  
Jurisdiction Number: **221000**

1. New construction or existing New ☐
2. Single family or multi-family Single family ☐
3. Number of units, if multi-family 1 ☐
4. Number of Bedrooms 3 ☐
5. Is this a worst case? No ☐
6. Conditioned floor area (ft²) 1628 ft² ☐
7. Glass type<sup>1</sup> 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) 290.3 ft² ☐
  - b. SHGC: 7b. (Clear) 290.3 ft² ☐  
(or Clear or Tint DEFAULT)
8. Floor types
  - a. Slab-On-Grade Edge Insulation R=5.0, 196.0(p) ft ☐
  - b. N/A ☐
  - c. N/A ☐
9. Wall types
  - a. Frame, Wood, Exterior R=13.0, 1340.7 ft² ☐
  - b. Frame, Wood, Adjacent R=13.0, 214.0 ft² ☐
  - c. N/A ☐
  - d. N/A ☐
  - e. N/A ☐
10. Ceiling types
  - a. Under Attic R=30.0, 1800.0 ft² ☐
  - b. N/A ☐
  - c. N/A ☐
11. Ducts(Leak Free)
  - a. Sup: Unc. Ret: Unc. AH: Attic Sup. R=6.0, 65.0 ft ☐
  - b. N/A ☐

12. Cooling systems
  - a. Central Unit Cap: 37.0 kBtu/hr ☐  
SEER: 13.00 ☐
  - b. N/A ☐
  - c. N/A ☐
13. Heating systems
  - a. Electric Heat Pump Cap: 37.0 kBtu/hr ☐  
HSPF: 7.70 ☐
  - b. N/A ☐
  - c. N/A ☐
14. Hot water systems
  - a. Electric Resistance Cap: 80.0 gallons ☐  
EF: 0.90 ☐
  - b. N/A ☐
  - c. Conservation credits ☐  
(HR-Heat recovery, Solar  
DHP-Dedicated heat pump)
15. HVAC credits PT, ☐  
(CF-Ceiling fan, CV-Cross ventilation,  
HF-Whole house fan,  
PT-Programmable Thermostat,  
MZ-C-Multizone cooling,  
MZ-H-Multizone heating)

Glass/Floor Area: 0.18

Total as-built points: 22989

Total base points: 23301

**PASS**

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

PREPARED BY:   
DATE: 8.29.08

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

OWNER/AGENT:   
DATE: 8-17-08

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: \_\_\_\_\_



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



**SUMMER CALCULATIONS****Residential Whole Building Performance Method A - Details**

ADDRESS: SW Little Road, Columbia County, FL, 32024-

PERMIT #:

BASE				AS-BUILT							
<b>GLASS TYPES</b>				Type/SC	Overhang						
.18 X Conditioned X BSPM = Points Floor Area					Ornt	Len	Hgt	Area X	SPM X	SOF = Points	
.18	1628.0	18.59	5448.0	1. Double, Clear	W	1.5	11.0	30.0	38.52	0.99	1139.0
				2. Double, Clear	W	1.5	11.0	15.0	38.52	0.99	569.0
				3. Double, Clear	W	7.5	11.0	24.0	38.52	0.63	583.0
				4. Double, Clear	W	7.5	11.0	54.0	38.52	0.63	1312.0
				5. Double, Clear	W	1.5	9.0	30.0	38.52	0.97	1121.0
				6. Double, Clear	N	1.5	9.0	4.0	19.20	0.98	74.0
				7. Double, Clear	E	1.5	9.0	30.0	42.06	0.97	1223.0
				8. Double, Clear	E	8.2	11.0	40.0	42.06	0.60	1002.0
				9. Double, Clear	E	8.2	11.0	5.3	42.06	0.60	131.0
				10. Double, Clear	E	6.2	11.0	36.0	42.06	0.69	1040.0
				11. Double, Clear	S	1.5	9.0	16.0	35.87	0.94	541.0
				12. Double, Clear	S	1.5	9.0	6.0	35.87	0.94	203.0
				As-Built Total:	290.3 8938.0						
<b>WALL TYPES</b>				Type	R-Value Area X SPM = Points						
Adjacent	214.0	0.70	149.8	1. Frame, Wood, Exterior	13.0	1340.7	1.50	2011.0			
Exterior	1340.7	1.70	2279.2	2. Frame, Wood, Adjacent	13.0	214.0	0.60	128.4			
Base Total:	1554.7		2429.0	As-Built Total:	1554.7 2139.4						
<b>DOOR TYPES</b>				Type	Area X SPM = Points						
Adjacent	20.0	2.40	48.0	1. Adjacent Insulated		20.0	1.60	32.0			
Exterior	0.0	0.00	0.0								
Base Total:	20.0		48.0	As-Built Total:	20.0 32.0						
<b>CEILING TYPES</b>				Type	R-Value Area X SPM X SCM = Points						
Under Attic	1628.0	1.73	2816.4	1. Under Attic	30.0	1800.0	1.73 X 1.00	3114.0			
Base Total:	1628.0		2816.4	As-Built Total:	1800.0 3114.0						
<b>FLOOR TYPES</b>				Type	R-Value Area X SPM = Points						
Slab	196.0(p)	-37.0	-7252.0	1. Slab-On-Grade Edge Insulation	5.0	196.0(p)	-36.20	-7095.2			
Raised	0.0	0.00	0.0								
Base Total:			-7252.0	As-Built Total:	196.0 -7095.2						

**SUMMER CALCULATIONS****Residential Whole Building Performance Method A - Details**

ADDRESS: SW Little Road, Columbia County, FL, 32024-

PERMIT #:

BASE			AS-BUILT				
INFILTRATION Area X BSPM = Points			Area X SPM = Points				
1628.0 10.21 16621.9			1628.0 10.21 16621.9				
<b>Summer Base Points: 20111.3</b>			<b>Summer As-Built Points: 23750.1</b>				
Total Summer X System = Cooling Points Multiplier Points			Total X Cap X Duct X System X Credit = Cooling Component Ratio Multiplier Multiplier Multiplier Points (System - Points) (DM x DSM x AHU)				
20111.3	0.3250	6536.2	(sys 1: Central Unit 37000btuh , SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Att(AH),R6.0(INS) 23750 1.00 (1.09 x 1.000 x 1.11) 0.260 0.950 7097.6 <b>23750.1 1.00 1.210 0.260 0.950 7097.6</b>				

Floor Area				Type/SC	Ornt	Len	Hgt	Area X WPM X WOF = Points
.18	1628.0	20.17	5911.0	1. Double, Clear	W	1.5	11.0	30.0 20.73 1.00 624.0
				2. Double, Clear	W	1.5	11.0	15.0 20.73 1.00 312.0
				3. Double, Clear	W	7.5	11.0	24.0 20.73 1.12 558.0
				4. Double, Clear	W	7.5	11.0	54.0 20.73 1.12 1256.0
				5. Double, Clear	W	1.5	9.0	30.0 20.73 1.01 626.0
				6. Double, Clear	N	1.5	9.0	4.0 24.58 1.00 98.0
				7. Double, Clear	E	1.5	9.0	30.0 18.79 1.02 572.0
				8. Double, Clear	E	8.2	11.0	40.0 18.79 1.21 908.0
				9. Double, Clear	E	8.2	11.0	5.3 18.79 1.21 119.0
				10. Double, Clear	E	6.2	11.0	36.0 18.79 1.14 773.0
				11. Double, Clear	S	1.5	9.0	16.0 13.30 1.02 217.0
				12. Double, Clear	S	1.5	9.0	6.0 13.30 1.02 81.0
				As-Built Total:				290.3 6144.0
WALL TYPES Area X BWPM = Points				Type	R-Value Area X WPM = Points			
Adjacent	214.0	3.60	770.4	1. Frame, Wood, Exterior	13.0	1340.7	3.40	4558.4
Exterior	1340.7	3.70	4960.6	2. Frame, Wood, Adjacent	13.0	214.0	3.30	706.2
Base Total: 1554.7 5731.0				As-Built Total:	1554.7 5264.6			
DOOR TYPES Area X BWPM = Points				Type	Area X WPM = Points			
Adjacent	20.0	11.50	230.0	1. Adjacent Insulated		20.0	8.00	160.0
Exterior	0.0	0.00	0.0					
Base Total: 20.0 230.0				As-Built Total:	20.0 160.0			
CEILING TYPES Area X BWPM = Points				Type	R-Value Area X WPM X WCM = Points			
Under Attic	1628.0	2.05	3337.4	1. Under Attic	30.0	1800.0	2.05 X 1.00	3690.0
Base Total: 1628.0 3337.4				As-Built Total:	1800.0 3690.0			
FLOOR TYPES Area X BWPM = Points				Type	R-Value Area X WPM = Points			
Slab	196.0(p)	8.9	1744.4	1. Slab-On-Grade Edge Insulation	5.0	196.0(p)	7.60	1489.6
Raised	0.0	0.00	0.0					
Base Total: 1744.4				As-Built Total:	196.0 1489.6			



# WINTER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: SW Little Road, Columbia County, FL, 32024-

PERMIT #:

**BASE**

**AS-BUILT**

GLASS TYPES



# WATER HEATING & CODE COMPLIANCE STATUS

## Residential Whole Building Performance Method A - Details

ADDRESS: SW Little Road, Columbia County, FL, 32024-

PERMIT #:

BASE				AS-BUILT					
WATER HEATING				Tank	EF	Number of	X	Tank	X
Number of	X	Multiplier	=	Volume		Bedrooms		Ratio	Multiplier
Bedrooms			Total						Credit = Total
3		2635.00	7905.0	80.0	0.90	3		1.00	2693.56
									1.00
									8080.7
				As-Built Total:					8080.7

CODE COMPLIANCE STATUS							
BASE				AS-BUILT			
Cooling	+	Heating	+	Cooling	+	Heating	+
Points		Points		Points		Points	
Hot Water	=	Total		Hot Water	=	Total	
Points	Points	Points	Points	Points	Points	Points	Points
6536		8860		7098		7810	
		7905				8081	
		23301				22989	

PASS





# Code Compliance Checklist

## Residential Whole Building Performance Method A - Details

ADDRESS: **SW Little Road, Columbia County, 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 circuit 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.	

Tested sealed ducts must be certified in this house.

# ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

**ESTIMATED ENERGY PERFORMANCE SCORE\* = 84.7**

**The higher the score, the more efficient the home.**

Nickelson Residence, SW Little Road, Columbia County, FL, 32024-

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 37.0 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	c. N/A	
6. Conditioned floor area (ft <sup>2</sup> )	1628 ft <sup>2</sup>		
7. Glass type <sup>1</sup> and area: (Label reqd. by 13-104.4.5 if not default)		13. Heating systems	
a. U-factor:	Description Area	a. Electric Heat Pump	Cap: 37.0 kBtu/hr
(or Single or Double DEFAULT)	7a. (Dble Default) 290.3 ft <sup>2</sup>		HSPF: 7.70
b. SHGC:		b. N/A	
(or Clear or Tint DEFAULT)	7b. (Clear) 290.3 ft <sup>2</sup>	c. N/A	
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=5.0, 196.0(p) ft	a. Electric Resistance	Cap: 80.0 gallons
b. N/A			EF: 0.90
c. N/A		b. N/A	
9. Wall types		c. Conservation credits	
a. Frame, Wood, Exterior	R=13.0, 1340.7 ft <sup>2</sup>	(HR-Heat recovery, Solar	
b. Frame, Wood, Adjacent	R=13.0, 214.0 ft <sup>2</sup>	DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits	PT,
d. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
e. N/A		HF-Whole house fan,	
10. Ceiling types		PT-Programmable Thermostat,	
a. Under Attic	R=30.0, 1800.0 ft <sup>2</sup>	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	
c. N/A			
11. Ducts(Leak Free)			
a. Sup: Unc. Ret: Unc. AH: Attic	Sup. R=6.0, 65.0 ft		
b. N/A			

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: \_\_\_\_\_

Address of New Home: \_\_\_\_\_

City/FL Zip: \_\_\_\_\_



*\*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](http://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.*

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



# Energy Code Compliance

## Duct System Performance Report

Project Name:	Mike & Daisy Nickelson	Builder:	
Address:	SW Little Road	Permitting Office:	Columbia County
City, State:	Columbia County, FL 32024-	Permit Number:	
Owner:	Nickelson Residence	Jurisdiction Number:	
Climate Zone:	North		

### Total Duct System Leakage Test Results

CFM25 Total Duct Leakage Test Values				
Line	System	Duct Leakage Total		Duct Leakage to Outdoors
1	System1		cfm25(tot)	cfm25(out)
2	System2		cfm25(tot)	cfm25(out)
3	System3		cfm25(tot)	cfm25(out)
4	System4		cfm25(tot)	cfm25(out)
5	<b>Total House Duct System Leakage</b>	Sum lines 1-4 _____ Divide by _____ (Total Conditioned Floor Area) = _____ (Q <sub>n,tot</sub> ) <input type="checkbox"/> Receive credit if Q <sub>n,tot</sub> ≤ 0.03		Sum lines 1-4 _____ Divide by _____ (Total Conditioned Floor Area) = _____ (Q <sub>n,out</sub> ) <input type="checkbox"/> Receive credit if Q <sub>n,out</sub> ≤ 0.03 AND Q <sub>n,tot</sub> ≤ 0.09

I hereby certify that the above duct testing performance results demonstrate compliance with the Florida Energy Code requirements in accordance with Section 610.1.A.1, Florida Building Code, Building Volume, Chapter 13 for leak free duct system credit.

Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Florida Rater Certification #: \_\_\_\_\_

DATE: \_\_\_\_\_

Florida Building Code requires that testing to confirm leak free duct systems be performed by a Class 1 Florida Energy Gauge Certified Energy Rater. Certified Florida Class 1 raters can be found at: <http://energygauge.com/search.htm>



BUILDING OFFICIAL: \_\_\_\_\_

DATE: \_\_\_\_\_



THIS INSTRUMENT WAS PREPARED BY:  
FIRST FEDERAL BANK OF FLORIDA  
4705 WEST U.S. HIGHWAY 90  
P.O. BOX 2029  
LAKE CITY, FLORIDA 32056

Inst. 200812019006 Date: 10/16/2008 Time: 1:15 PM  
Xr... DC, P DeWitt Cason, Columbia County Page 1 of 2 B:1160 P:1502

PERMIT NO. \_\_\_\_\_

TAX FOLIO NO. \_\_\_\_\_

NOTICE OF COMMENCEMENT

STATE OF FLORIDA  
COUNTY OF Columbia

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.

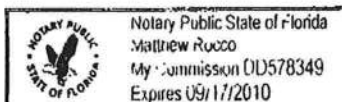
1. Description of property: See Exhibit A Attached hereto.
2. General description of improvement: Construction of Dwelling
3. Owner information:
  - a. Name and address: Michael J. & Daisy M. Nickelson  
350 SW Mendon Ter., Lake City, FL 32024
  - b. Interest in property: Fee Simple
  - c. Name and address of fee simple title holder (if other than Owner): NONE
4. a. Contractor (name and address): ADAM'S FRAMING & CONSTRUCTION, 691 SW Sisters  
Welcome Rd., Lake City, FL 32025  
b. Contractor's phone number: (386) 752-4202
5. Surety:
  - a. Name and address: N/A
  - b. Phone Number: \_\_\_\_\_
  - c. Amount of bond: \_\_\_\_\_
6. Lender: FIRST FEDERAL BANK OF FLORIDA  
4705 WEST U.S. HIGHWAY 90  
P. O. BOX 2029  
LAKE CITY, FLORIDA 32056  
(386) 755-0600
7. Persons within the State of Florida designated by Owner upon whom notices or other document may be served as provided by Section 713.13 (1) (a) 7., Florida Statutes: NONE
8. In addition to himself, Owner designates PAULA HACKER of FIRST FEDERAL BANK OF FLORIDA, 4705 West U.S. Highway 90 / P. O. Box 2029, Lake City, Florida 32056 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 the 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.

Michael Nickelson  
Signature of Owner or Owner's Authorized  
Officer/Director/Partner/Manager

Daisy Nickelson  
Signatory's Title/Office

The foregoing instrument was acknowledged before me this 14<sup>th</sup> day of October, 2008 by Michael Nickelson and  
(name of person) as Daisy Nickelson (type of authority, e.g. officer, trustee, attorney in fact) for:  
(name of party on behalf of whom instrument was executed.)



Matthew Rocco  
Signature of Notary Public - State of Florida  
Print, Type, or Stamp Commission Name of Notary  
Public Commission Number: \_\_\_\_\_  
Personally Known \_\_\_\_\_ or Produced  
Identification FL DL's

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.

Signature of Natural Person Signing Above

File No. 08-0155A/Nickelson

Exhibit A

Legal Description

Commence at the SE corner of the NW 1/4, Section 1, Township 5 South, Range 16 East, Columbia County, Florida, and thence run N 01 degrees 41'37" East, along the East line of said NW 1/4, 240.00 feet; thence N 88 degrees 45'17" West 10.09 feet to the West maintained right of way of SW Little Road and the Point of Beginning; thence continue N 88 degrees 45'17" West, 231.15 feet; thence N 01 degrees 14'21" East, 166.81 feet; thence S 88 degrees 45'17" East, 232.93 feet to said East Maintained right of way; thence S 01 degrees 51'07" West, along said East maintained right of way 166.82 feet to the Point of Beginning.

Mile + Daisy Nickelson

**PRODUCT APPROVAL SPECIFICATION SHEET**

**Location:**

**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](http://www.floridabuilding.org)

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
<b>A. EXTERIOR DOORS</b>			
1. Swinging	Mayfair	entry door	FL 1311
2. Sliding			
3. Sectional			
4. Roll up	General American	garage door	FL 2868
5. Automatic			
6. Other			
<b>B. WINDOWS</b>			
1. Single hung	Danvid	Single hung windows	FL 1369
2. Horizontal Slider			
3. Casement			
4. Double Hung			
5. Fixed			
6. Awning			
7. Pass-through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11. Dual Action			
12. Other			
<b>C. PANEL WALL</b>			
1. Siding	James Hardie	hardiboard siding	FL 889-R1
2. Soffits	Ashley	Aluminum	FL 406
3. EIFS			
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			
8. Membrane			
9. Greenhouse			
10. Other			
<b>D. ROOFING PRODUCTS</b>			
1. Asphalt Shingles	Tamko	30-year Shingles	FL 673
2. Underlayments			
3. Roofing Fasteners			
4. Non-structural Metal Rf			
5. Built-Up Roofing			
6. Modified Bitumen			
7. Single Ply Roofing			





Mike + Daisy Nickelson

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			
<b>E. SHUTTERS</b>			
1. Accordion			
2. Bahama			
3. Storm Panels			
4. Colonial			
5. Roll-up			
6. Equipment			
7. Others			
<b>F. SKYLIGHTS</b>			
1. Skylight			
2. Other			
<b>G. STRUCTURAL COMPONENTS</b>			
1. Wood connector/anchor			
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			
<b>H. NEW EXTERIOR ENVELOPE PRODUCTS</b>			
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 inspect

*Linda Roder*

Contractor or Contractor's Authorized Agent Signature

Linda Roder

Print Name

10-21-08

Date

# Residential System Sizing Calculation

## Summary

Nickelson Residence  
SW Little Road  
Columbia County, FL 32024-

Project Title:  
Mike & Daisy Nickelson

Code Only  
Professional Version  
Climate: North

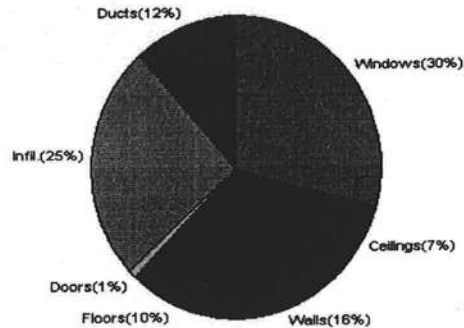
8/29/2008

Location for weather data: Gainesville - Defaults: Latitude(29) Altitude(152 ft.) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(54gr.)			
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
<b>Total heating load calculation</b>	<b>31583 Btuh</b>	<b>Total cooling load calculation</b>	<b>48156 Btuh</b>
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	117.2 37000	Sensible (SHR = 0.75)	69.0 27750
Heat Pump + Auxiliary(0.0kW)	117.2 37000	Latent	116.5 9250
		Total (Electric Heat Pump)	76.8 37000

## WINTER CALCULATIONS

Winter Heating Load (for 1628 sqft)

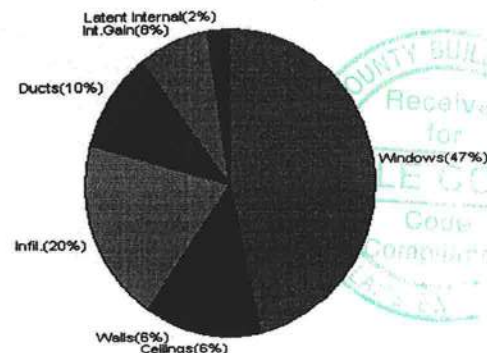
Load component		Load	
Window total	290 sqft	9343	Btuh
Wall total	1555 sqft	5106	Btuh
Door total	20 sqft	259	Btuh
Ceiling total	1800 sqft	2121	Btuh
Floor total	196 sqft	3205	Btuh
Infiltration	195 cfm	7913	Btuh
Duct loss		3635	Btuh
<b>Subtotal</b>		<b>31583</b>	<b>Btuh</b>
Ventilation	0 cfm	0	Btuh
<b>TOTAL HEAT LOSS</b>		<b>31583</b>	<b>Btuh</b>



## SUMMER CALCULATIONS

Summer Cooling Load (for 1628 sqft)

Load component		Load	
Window total	290 sqft	22469	Btuh
Wall total	1555 sqft	3119	Btuh
Door total	20 sqft	196	Btuh
Ceiling total	1800 sqft	2981	Btuh
Floor total		0	Btuh
Infiltration	171 cfm	3181	Btuh
Internal gain		3780	Btuh
Duct gain		4487	Btuh
Sens. Ventilation	0 cfm	0	Btuh
<b>Total sensible gain</b>		<b>40214</b>	<b>Btuh</b>
Latent gain(ducts)		495	Btuh
Latent gain(infiltration)		6247	Btuh
Latent gain(ventilation)		0	Btuh
Latent gain(internal/occupants/other)		1200	Btuh
<b>Total latent gain</b>		<b>7942</b>	<b>Btuh</b>
<b>TOTAL HEAT GAIN</b>		<b>48156</b>	<b>Btuh</b>



Version 8  
For Florida residences only

EnergyGauge® FLRCPB v4.5.2

EnergyGauge® System Sizing

PREPARED BY: \_\_\_\_\_

DATE: 8.29.08





# System Sizing Calculations - Winter

## Residential Load - Whole House Component Details

Nickelson Residence  
SW Little Road  
Columbia County, FL 32024-

Project Title:  
Mike & Daisy Nickelson

Code Only  
Professional Version  
Climate: North

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

8/29/2008

Component Loads for Whole House					
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	15.0	32.2	483 Btuh
3	2, Clear, Metal, 0.87	W	24.0	32.2	773 Btuh
4	2, Clear, Metal, 0.87	W	54.0	32.2	1738 Btuh
5	2, Clear, Metal, 0.87	W	30.0	32.2	966 Btuh
6	2, Clear, Metal, 0.87	N	4.0	32.2	129 Btuh
7	2, Clear, Metal, 0.87	E	30.0	32.2	966 Btuh
8	2, Clear, Metal, 0.87	E	40.0	32.2	1288 Btuh
9	2, Clear, Metal, 0.87	E	5.3	32.2	169 Btuh
10	2, Clear, Metal, 0.87	E	36.0	32.2	1159 Btuh
11	2, Clear, Metal, 0.87	S	16.0	32.2	515 Btuh
12	2, Clear, Metal, 0.87	S	6.0	32.2	193 Btuh
	Window Total		290(sqft)		9343 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1341	3.3	4403 Btuh
2	Frame - Wood - Adj(0.09)	13.0	214	3.3	703 Btuh
	Wall Total		1555		5106 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Adjacent		20	12.9	259 Btuh
	Door Total		20		259Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin	30.0	1800	1.2	2121 Btuh
	Ceiling Total		1800		2121Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	5	196.0 ft(p)	16.4	3205 Btuh
	Floor Total		196		3205 Btuh
			Envelope Subtotal:		20034 Btuh
Infiltration	Type	ACH X Volume(cuft) walls(sqft)	CFM=		
	Natural	0.80 14652 1555	195.4		7913 Btuh
Ductload			(DLM of 0.130)		3635 Btuh
All Zones			Sensible Subtotal All Zones		31583 Btuh



# Manual J Winter Calculations

## Residential Load - Component Details (continued)

Nickelson Residence  
SW Little Road  
Columbia County, FL 32024-

Project Title:  
Mike & Daisy Nickelson

Code Only  
Professional Version  
Climate: North

8/29/2008

### WHOLE HOUSE TOTALS

	Subtotal Sensible	31583 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	31583 Btuh

### EQUIPMENT

1. Electric Heat Pump	#	37000 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 )



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# System Sizing Calculations - Winter

## Residential Load - Room by Room Component Details

Nickelson Residence  
SW Little Road  
Columbia County, FL 32024-

Project Title:  
Mike & Daisy Nickelson

Code Only  
Professional Version  
Climate: North

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

8/29/2008

### Component Loads for Zone #1: Main

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	15.0	32.2	483 Btuh
3	2, Clear, Metal, 0.87	W	24.0	32.2	773 Btuh
4	2, Clear, Metal, 0.87	W	54.0	32.2	1738 Btuh
5	2, Clear, Metal, 0.87	W	30.0	32.2	966 Btuh
6	2, Clear, Metal, 0.87	N	4.0	32.2	129 Btuh
7	2, Clear, Metal, 0.87	E	30.0	32.2	966 Btuh
8	2, Clear, Metal, 0.87	E	40.0	32.2	1288 Btuh
9	2, Clear, Metal, 0.87	E	5.3	32.2	169 Btuh
10	2, Clear, Metal, 0.87	E	36.0	32.2	1159 Btuh
11	2, Clear, Metal, 0.87	S	16.0	32.2	515 Btuh
12	2, Clear, Metal, 0.87	S	6.0	32.2	193 Btuh
Window Total			290(sqft)		9343 Btuh
<b>Walls</b>	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1341	3.3	4403 Btuh
2	Frame - Wood - Adj(0.09)	13.0	214	3.3	703 Btuh
Wall Total			1555		5106 Btuh
<b>Doors</b>	Type		Area X	HTM=	Load
1	Insulated - Adjacent		20	12.9	259 Btuh
Door Total			20		259Btuh
<b>Ceilings</b>	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin	30.0	1800	1.2	2121 Btuh
Ceiling Total			1800		2121Btuh
<b>Floors</b>	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	5	196.0 ft(p)	16.4	3205 Btuh
Floor Total			196		3205 Btuh
Zone Envelope Subtotal:					20034 Btuh
<b>Infiltration</b>	Type	ACH X Volume(cuft) walls(sqft)	CFM=		
	Natural	0.80 14652 1555	195.4		7913 Btuh
<b>Ductload</b>	Pro. leak free, Supply(R6.0-Attic), Return(R6.0-Attic) (DLM of 0.130)				3635 Btuh
<b>Zone #1</b>	Sensible Zone Subtotal				31583 Btuh

# Manual J Winter Calculations

## Residential Load - Component Details (continued)

Nickelson Residence  
SW Little Road  
Columbia County, FL 32024-

Project Title:  
Mike & Daisy Nickelson

Code Only  
Professional Version  
Climate: North

8/29/2008

### WHOLE HOUSE TOTALS

	Subtotal Sensible	31583 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	31583 Btuh

### EQUIPMENT

1. Electric Heat Pump	#	37000 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 )



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# System Sizing Calculations - Summer

## Residential Load - Whole House Component Details

Nickelson Residence  
SW Little Road  
Columbia County, FL 32024-

Project Title:  
Mike & Daisy Nickelson

Code Only  
Professional Version  
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F

8/29/2008

Component Loads for Whole House												
Window	Type*	Ornt	Overhang		Window Area(sqft)			HTM		Load		
	Pn/SHGC/U/InSh/ExSh/IS		Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded			
1	2, Clear, 0.87, None,N,N	W	1.5ft	11ft.	30.0	0.0	30.0	29	80	2385	Btuh	
2	2, Clear, 0.87, None,N,N	W	1.5ft	11ft.	15.0	0.0	15.0	29	80	1193	Btuh	
3	2, Clear, 0.87, None,N,N	W	7.5ft	11ft.	24.0	9.7	14.3	29	80	1419	Btuh	
4	2, Clear, 0.87, None,N,N	W	7.5ft	11ft.	54.0	11.0	43.0	29	80	3737	Btuh	
5	2, Clear, 0.87, None,N,N	W	1.5ft	9ft.	30.0	0.0	30.0	29	80	2385	Btuh	
6	2, Clear, 0.87, None,N,N	N	1.5ft	9ft.	4.0	0.0	4.0	29	29	116	Btuh	
7	2, Clear, 0.87, None,N,N	E	1.5ft	9ft.	30.0	0.0	30.0	29	80	2385	Btuh	
8	2, Clear, 0.87, None,N,N	E	8.16	11ft.	40.0	18.9	21.1	29	80	2226	Btuh	
9	2, Clear, 0.87, None,N,N	E	8.16	11ft.	5.3	0.0	5.3	29	80	417	Btuh	
10	2, Clear, 0.87, None,N,N	E	6.16	11ft.	36.0	0.7	35.3	29	80	2827	Btuh	
11	2, Clear, 0.87, None,N,N	S	1.5ft	9ft.	16.0	16.0	0.0	29	34	463	Btuh	
12	2, Clear, 0.87, None,N,N	S	1.5ft	9ft.	6.0	6.0	0.0	29	34	174	Btuh	
Excursion										2741	Btuh	
Window Total					290 (sqft)					22469 Btuh		
Walls	Type		R-Value/U-Value			Area(sqft)		HTM		Load		
1	Frame - Wood - Ext		13.0/0.09			1340.7		2.1		2796 Btuh		
2	Frame - Wood - Adj		13.0/0.09			214.0		1.5		323 Btuh		
Wall Total					1555 (sqft)						3119 Btuh	
Doors	Type					Area (sqft)		HTM		Load		
1	Insulated - Adjacent					20.0		9.8		196 Btuh		
Door Total					20 (sqft)						196 Btuh	
Ceilings	Type/Color/Surface		R-Value			Area(sqft)		HTM		Load		
1	Vented Attic/DarkShingle		30.0			1800.0		1.7		2981 Btuh		
Ceiling Total					1800 (sqft)						2981 Btuh	
Floors	Type		R-Value			Size		HTM		Load		
1	Slab On Grade		5.0			196 (ft(p))		0.0		0 Btuh		
Floor Total					196.0 (sqft)						0 Btuh	
					Envelope Subtotal:					28765 Btuh		
Infiltration	Type		ACH	Volume	(cuft)	wall area(sqft)	CFM=			Load		
	SensibleNatural		0.70		14652	1555	195.4			3181 Btuh		
Internal gain			Occupants		Btuh/occupant	Appliance			Load			
			6	X	230	+	2400			3780 Btuh		
					Sensible Envelope Load:					35726 Btuh		
Duct load						(DGM of 0.126)					4487 Btuh	
					Sensible Load All Zones					40214 Btuh		

# Manual J Summer Calculations

## Residential Load - Component Details (continued)

Nickelson Residence  
SW Little Road  
Columbia County, FL 32024-

Project Title:  
Mike & Daisy Nickelson

Code Only  
Professional Version  
Climate: North

8/29/2008

### WHOLE HOUSE TOTALS

<b>Whole House Totals for Cooling</b>	<b>Sensible Envelope Load All Zones</b>	<b>35726 Btuh</b>
	Sensible Duct Load	4487 Btuh
	<b>Total Sensible Zone Loads</b>	<b>40214 Btuh</b>
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	<b>Total sensible gain</b>	<b>40214 Btuh</b>
	Latent infiltration gain (for 54 gr. humidity difference)	6247 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	495 Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	<b>Latent total gain</b>	<b>7942 Btuh</b>
	<b>TOTAL GAIN</b>	<b>48156 Btuh</b>

### EQUIPMENT

1. Central Unit	#	37000 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)



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# System Sizing Calculations - Summer

## Residential Load - Room by Room Component Details

Nickelson Residence  
SW Little Road  
Columbia County, FL 32024-

Project Title:  
Mike & Daisy Nickelson

Code Only  
Professional Version  
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F

8/29/2008

### Component Loads for Zone #1: Main

	Type*		Overhang		Window Area(sqft)			HTM		Load	
Window	Pn/SHGC/U/InSh/ExSh/IS	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2, Clear, 0.87, None,N,N	W	1.5ft	11ft.	30.0	0.0	30.0	29	80	2385	Btuh
2	2, Clear, 0.87, None,N,N	W	1.5ft	11ft.	15.0	0.0	15.0	29	80	1193	Btuh
3	2, Clear, 0.87, None,N,N	W	7.5ft	11ft.	24.0	9.7	14.3	29	80	1419	Btuh
4	2, Clear, 0.87, None,N,N	W	7.5ft	11ft.	54.0	11.0	43.0	29	80	3737	Btuh
5	2, Clear, 0.87, None,N,N	W	1.5ft	9ft.	30.0	0.0	30.0	29	80	2385	Btuh
6	2, Clear, 0.87, None,N,N	N	1.5ft	9ft.	4.0	0.0	4.0	29	29	116	Btuh
7	2, Clear, 0.87, None,N,N	E	1.5ft	9ft.	30.0	0.0	30.0	29	80	2385	Btuh
8	2, Clear, 0.87, None,N,N	E	8.16	11ft.	40.0	18.9	21.1	29	80	2226	Btuh
9	2, Clear, 0.87, None,N,N	E	8.16	11ft.	5.3	0.0	5.3	29	80	417	Btuh
10	2, Clear, 0.87, None,N,N	E	6.16	11ft.	36.0	0.7	35.3	29	80	2827	Btuh
11	2, Clear, 0.87, None,N,N	S	1.5ft	9ft.	16.0	16.0	0.0	29	34	463	Btuh
12	2, Clear, 0.87, None,N,N	S	1.5ft	9ft.	6.0	6.0	0.0	29	34	174	Btuh
Window Total					290 (sqft)					19728 Btuh	
Walls	Type	R-Value/U-Value			Area(sqft)			HTM		Load	
1	Frame - Wood - Ext	13.0/0.09			1340.7			2.1		2796 Btuh	
2	Frame - Wood - Adj	13.0/0.09			214.0			1.5		323 Btuh	
Wall Total					1555 (sqft)					3119 Btuh	
Doors	Type				Area (sqft)			HTM		Load	
1	Insulated - Adjacent				20.0			9.8		196 Btuh	
Door Total					20 (sqft)					196 Btuh	
Ceilings	Type/Color/Surface	R-Value			Area(sqft)			HTM		Load	
1	Vented Attic/DarkShingle	30.0			1800.0			1.7		2981 Btuh	
Ceiling Total					1800 (sqft)					2981 Btuh	
Floors	Type	R-Value			Size			HTM		Load	
1	Slab On Grade	5.0			196 (ft(p))			0.0		0 Btuh	
Floor Total					196.0 (sqft)					0 Btuh	
					Zone Envelope Subtotal:					26024 Btuh	
Infiltration	Type	ACH			Volume(cuft)	wall area(sqft)	CFM=		Load		
	SensibleNatural	0.70			14652	1555	170.9		3181 Btuh		
Internal gain		Occupants			Btuh/occupant		Appliance		Load		
		6			X 230 +		2400		3780 Btuh		
					Sensible Envelope Load:					32985 Btuh	
Duct load	Prop. leak free, Supply(R6.0-Attic), Return(R6.0-Attic)				(DGM of 0.126)					4143 Btuh	
					Sensible Zone Load					37129 Btuh	

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

<b>Windows</b>	July excursion for System 1	Excursion Subtotal:	2741 Btuh 2741 Btuh
----------------	-----------------------------	---------------------	------------------------



# Manual J Summer Calculations

## Residential Load - Component Details (continued)

Nickelson Residence  
SW Little Road  
Columbia County, FL 32024-

Project Title:  
Mike & Daisy Nickelson

Code Only  
Professional Version  
Climate: North

8/29/2008

Duct load			344 Btuh
		Sensible Excursion Load	3085 Btuh

# Manual J Summer Calculations

## Residential Load - Component Details (continued)

Nickelson Residence  
SW Little Road  
Columbia County, FL 32024-

Project Title:  
Mike & Daisy Nickelson

Code Only  
Professional Version  
Climate: North

8/29/2008

### WHOLE HOUSE TOTALS

<b>Whole House Totals for Cooling</b>	<b>Sensible Envelope Load All Zones</b>	<b>35726 Btuh</b>
	Sensible Duct Load	4487 Btuh
	<b>Total Sensible Zone Loads</b>	<b>40214 Btuh</b>
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	<b>Total sensible gain</b>	<b>40214 Btuh</b>
	Latent infiltration gain (for 54 gr. humidity difference)	6247 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	495 Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	<b>Latent total gain</b>	<b>7942 Btuh</b>
	<b>TOTAL GAIN</b>	<b>48156 Btuh</b>

### EQUIPMENT

1. Central Unit	#	37000 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)



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# Residential Window Diversity

## MidSummer

Nickelson Residence  
SW Little Road  
Columbia County, FL 32024-

Project Title:  
Mike & Daisy Nickelson

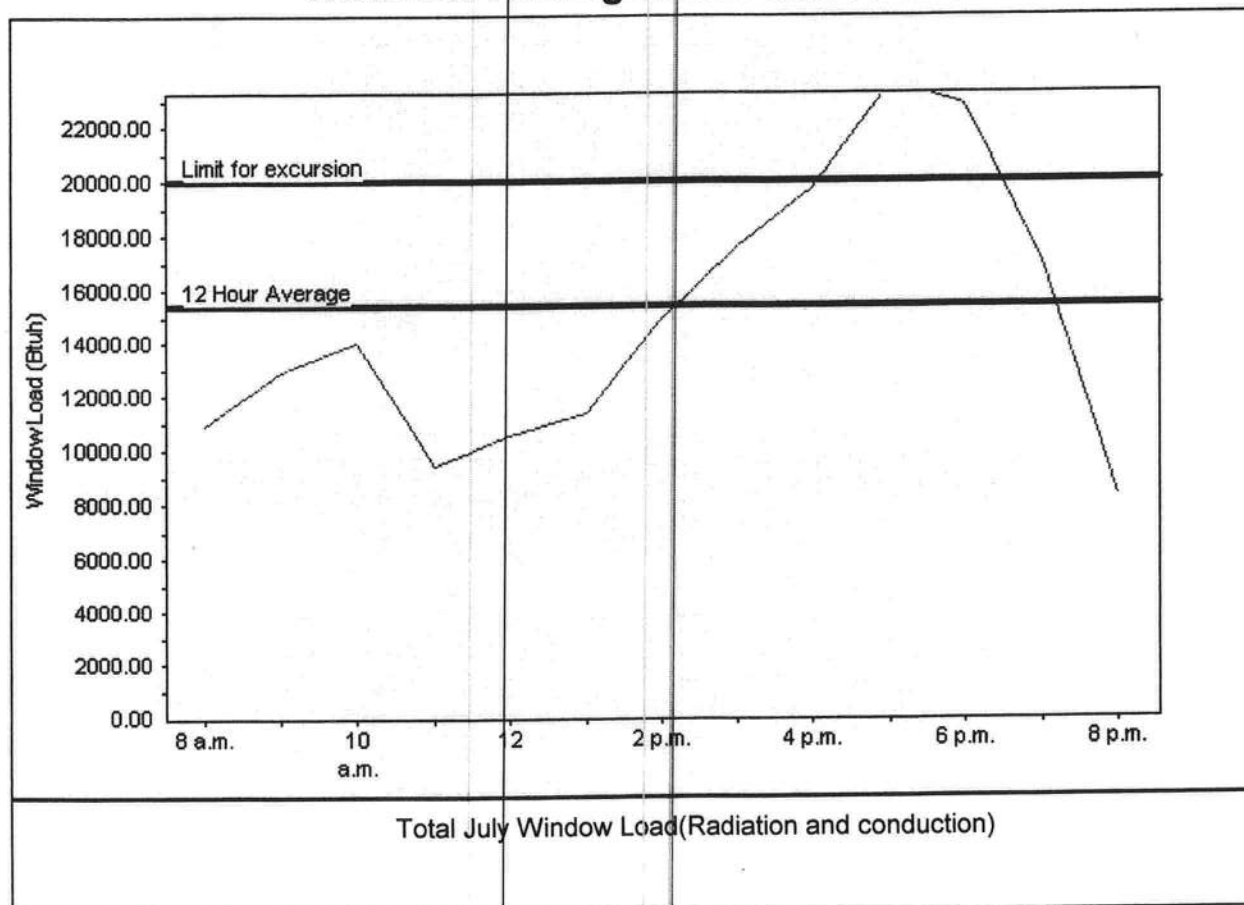
Code Only  
Professional Version  
Climate: North

8/29/2008

Weather data for: Gainesville - Defaults

Summer design temperature	92 F	Average window load for July	15401 Btu
Summer setpoint	75 F	Peak window load for July	23657 Btu
Summer temperature difference	17 F	Excursion limit(130% of Ave.)	20021 Btu
Latitude	29 North	Window excursion (July)	3637 Btuh

## WINDOW Average and Peak Loads



This application has glass areas that produce large heat gains for part of the day. Variable air volume devices are required to overcome spikes in solar gain for one or more rooms. Install a zoned system or provide zone control for problem rooms. Single speed equipment may not be suitable for the application.

EnergyGauge® System Sizing for Florida residences only

PREPARED BY: \_\_\_\_\_

DATE: \_\_\_\_\_

EnergyGauge® FLRCPB v4.5.2





ATN: Webber

**Columbia County Building Department  
Culvert Waiver**

**Culvert Waiver No.  
000001686**

DATE: 11/07/2008 BUILDING PERMIT NO. 27474

APPLICANT LINDA RODER PHONE 752-2281

ADDRESS 387 SW KEMP CT LAKE CITY FL 32024

OWNER MICHAEL & DAISY NICKELSON PHONE 719-7069

ADDRESS 1580 SW LITTLE ROAD LAKE CITY FL 32024

CONTRACTOR ADAM PAPKA PHONE 623-2383

LOCATION OF PROPERTY 47S, TL WALTER AVE., TL LITTLE RD., 5TH LOT PAST FINLEY LITTLE

ON RIGHT, BEFORE 2ND CURVE

SUBDIVISION/LOT/BLOCK/PHASE/UNIT \_\_\_\_\_

PARCEL ID # 01-5S-16-03390-021

I HEREBY CERTIFY THAT I UNDERSTAND AND WILL FULLY COMPLY WITH THE DECISION OF THE COLUMBIA COUNTY PUBLIC WORKS DEPARTMENT IN CONNECTION WITH THE HEREIN PROPOSED APPLICATION.

SIGNATURE: [Signature]

A SEPARATE CHECK IS REQUIRED  
MAKE CHECKS PAYABLE TO BCC

Amount Paid 50.00

**PUBLIC WORKS DEPARTMENT USE ONLY**

I HEREBY CERTIFY THAT I HAVE EXAMINED THIS APPLICATION AND DETERMINED THAT THE CULVERT WAIVER IS:

10-13-08 APPROVED NOT APPROVED - NEEDS A CULVERT PERMIT

COMMENTS: \_\_\_\_\_

SIGNED: Rooley Little DATE: 10-13-08

ANY QUESTIONS PLEASE CONTACT THE PUBLIC WORKS DEPARTMENT AT 386-752-5955.

135 NE Hernando Ave., Suite B-21  
Lake City, FL 32055  
Phone: 386-758-1008 Fax: 386-758-2160



# 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.

All contracts for services are between the Pest Control Operator and builder, unless stated otherwise.

# 27474

## Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.  
Company Address: P.O. Box 1795 City Lake City State FL Zip 32056  
Company Business License No. JB100476 Company Phone No. 386-755-3611 • 352-494-5751  
FHA/VA Case No. (if any) \_\_\_\_\_

## Section 2: Builder Information

Company Name: Adam's Framing & Construction Company Phone No. 623-2383

## Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) Michael & Daisey Nicholson  
1580 SW Little Rd.  
Lake City, FL 32024  
Type of Construction (More than one box may be checked) ☒ Slab ☐ Basement ☐ Crawl ☐ Other \_\_\_\_\_  
Approximate Depth of Footing: Outside 1' Inside 2' Type of Fill Sand

## Section 4: Treatment Information

Date(s) of Treatment(s) 11/18/08  
Brand Name of Product(s) Used Termidor  
EPA Registration No. 7969-210  
Approximate Final Mix Solution % .06%  
Approximate Size of Treatment Area: Sq. ft. 2339 Linear ft. 288 Linear ft. of Masonry Voids 272  
Approximate Total Gallons of Solution Applied 580 gals.  
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 preempt state law.

Attachments (List) \_\_\_\_\_

Comments \_\_\_\_\_

Name of Applicator(s) S. Gregory Certification No. (if required by State law) JF104376

The applicator has used a product in accordance with the product label and state requirements. All treatment materials and methods used comply with state and federal regulations.

Authorized Signature [Signature] Date 11/18/08

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

form HUD-NPCA-99-B (04/2003)



# COLUMBIA COUNTY FLORIDA DEPARTMENT OF BUILDING AND ZONING INSPECTION

## OCCUPANCY

COLUMBIA COUNTY, FLORIDA

### Department of Building and Zoning Inspection

*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 accordance with the Columbia County Building Code.*

Parcel Number 01-5S-16-03390-021

Building permit No. 000027474

Use Classification SFD, UTILITY

Fire: 92.68

Permit Holder ADAM PAKKA

Waste: 0.00

Owner of Building MICHAEL & DAISY NICKELSON

Total: 92.68

Location: 1580 SW LITTLE RD., LAKE CITY, FL

Date: 06/18/2009



Building Inspector

POST IN A CONSPICUOUS PLACE  
(Business Places Only)



