

DATE01/31/2005

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT000022752

APPLICANTRICK MURPHY

PHONE454-7706

ADDRESS3269SW CR 138

FORT WHITEFL32038

OWNERRICK & KATHY MURPHY

PHONE454-7706

ADDRESS3269SW CR 138

FORT WHITEFL32038

CONTRACTOROWNER BUILDER

PHONE454-7706

LOCATION OF PROPERTY47 S, L 138, APPROX. 3.5 MILES ON THE LEFT, ELECTRIC GATE

ADDRESS ON POST BY DRIVE 3269, LAST ON L BEFORE "S" CURVE

TYPE DEVELOPMENTMH, UTILITY

ESTIMATED COST OF CONSTRUCTION.00

HEATED FLOOR AREA2139

TOTAL AREA3536

HEIGHT18.00

STORIES1

FOUNDATIONCONCRETE

WALLSFRAMED

ROOF PITCH6/12

FLOORSLAB

LAND USE & ZONINGA-3

MAX. HEIGHT35

Minimum Set Back Requirments:

STREET-FRONT30.00

REAR25.00

SIDE25.00

NO. EX.D.U.1

FLOOD ZONEX

DEVELOPMENT PERMIT NO.

PARCEL ID23-7S-16-04298-011

SUBDIVISION

LOTBLOCKPHASEUNIT

TOTAL ACRES15.00

Culvert Permit No.

Culvert Waiver

Contractor's License Number

Applicant/Owner/Contractor

EXISTING

05-0048-E

BK

RJ

N

Driveway Connection

Septic Tank Number

LU & Zoning checked by

Approved for Issuance

New Resident

COMMENTS:REPLACING STORM DAMAGED MH (WIND AND RAIN DAMAGE)

NOC ON FILE, DESCLOSURE STATEMENT INCLUDED

FLOOR 1 FOOT ABOVE THE ROAD

Check # or Cash

NO CHARGE STROM

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power

Foundation

Monolithic

date/app. by

date/app. by

date/app. by

Under slab rough-in plumbing

Slab

Sheathing/Nailing

date/app. by

date/app. by

date/app. by

Framing

Rough-in plumbing above slab and below wood floor

date/app. by

date/app. by

Electrical rough-in

Heat & Air Duct

Peri. beam (Lintel)

date/app. by

date/app. by

date/app. by

Permanent power

C.O. Final

Culvert

date/app. by

date/app. by

date/app. by

M/H tie downs, blocking, electricity and plumbing

Pool

date/app. by

date/app. by

Reconnection

Pump pole

Utility Pole

date/app. by

date/app. by

date/app. by

M/H Pole

Travel Trailer

Re-roof

date/app. by

date/app. by

date/app. by

BUILDING PERMIT FEE \$ .00

CERTIFICATION FEE \$ .00

SURCHARGE FEE \$ .00

MISC. FEES \$ .00

ZONING CERT. FEE \$

FIRE FEE \$

WASTE FEE \$

FLOOD ZONE DEVELOPMENT FEE \$

CULVERT FEE \$

TOTAL FEE .00

INSPECTORS OFFICE

CLERKS OFFICE

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

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

**This Permit Must Be Prominently Posted on Premises During Construction**

PLEASE NOTIFY THE COLUMBIA COUNTY BUILDING DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF EACH INSPECTION, IN ORDER THAT IT MAY BE MADE WITHOUT DELAY OR INCONVIENCE, PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

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

## Columbia County Building Permit Application

Revised 9-23-

For Office Use Only Application # 0501-40 Date Received 1-18-05 By LP Permit # 22752  
 Application Approved by - Zoning Official B/K Date 1-28-05 Plans Examiner PT Date 1-28-05  
 Flood Zone X Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3

Comments

EH

(No Change) (MH had wind &amp; Rain damage in storms)

Applicants Name Rick and Kathy Murphy Phone \_\_\_\_\_Address 3269 SW CR 138, FT White FL 32038Owners Name Rick and Kathy Murphy Phone \_\_\_\_\_911 Address 3269 SW CR 138, FT White FL 32038Contractors Name Rick Murphy, Owner Phone \_\_\_\_\_Address 3269 SW CR 138 FL FT White FL 32038Fee Simple Owner Name & Address N/ABonding Co. Name & Address Cathy Clark DesignArchitect/Engineer Name & Address Cathy Clark Design 3310 28th Place Gainesville FL 32609  
Category 3, Laid Engineer 8200 SW 16th Pl Gainesville FL 32607Mortgage Lenders Name & Address N/ACircle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive EnergyProperty ID Number R04298-011 (23-75-16) Estimated Cost of Construction \_\_\_\_\_Subdivision Name N/A Lot \_\_\_\_\_ Block \_\_\_\_\_ Unit \_\_\_\_\_ Phase \_\_\_\_\_Driving Directions SR 47 south to Columbia County Rd 138TL go three miles to 3269 on L - Across from  
Laurie's DriveType of Construction SP New Residential Construction Number of Existing Dwellings on Property 1 Damaged MHTotal Acreage 16+ Lot Size \_\_\_\_\_ Do you need a Culvert Permit or Culvert Waiver or Have an Existing DrActual Distance of Structure from Property Lines - Front 100' Side 1500' Side 700' Rear 100'Total Building Height 18' Number of Stories 1 Heated Floor Area 2138.5 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.

OWNERS AFFIDAVIT: 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.

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

[Signature]  
 Owner/Builder or Agent (including Contractor)

STATE OF FLORIDA  
 COUNTY OF COLUMBIA Alachua

Sworn to (or affirmed) and subscribed before me

this 14 day of January 2005Personally known \_\_\_\_\_ or Produced Identification X

FL DL

Contractor Signature \_\_\_\_\_  
 Contractors License Number \_\_\_\_\_  
 Competency Card Number \_\_\_\_\_  
 NOTARY STAMP/SEAL

Notary Signature





STATE OF FLORIDA  
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 05-0048E

PART II - SITE PLAN -

Scale: Each block represents 5 feet and 1 inch = 50 feet.

Grid area for site plan.

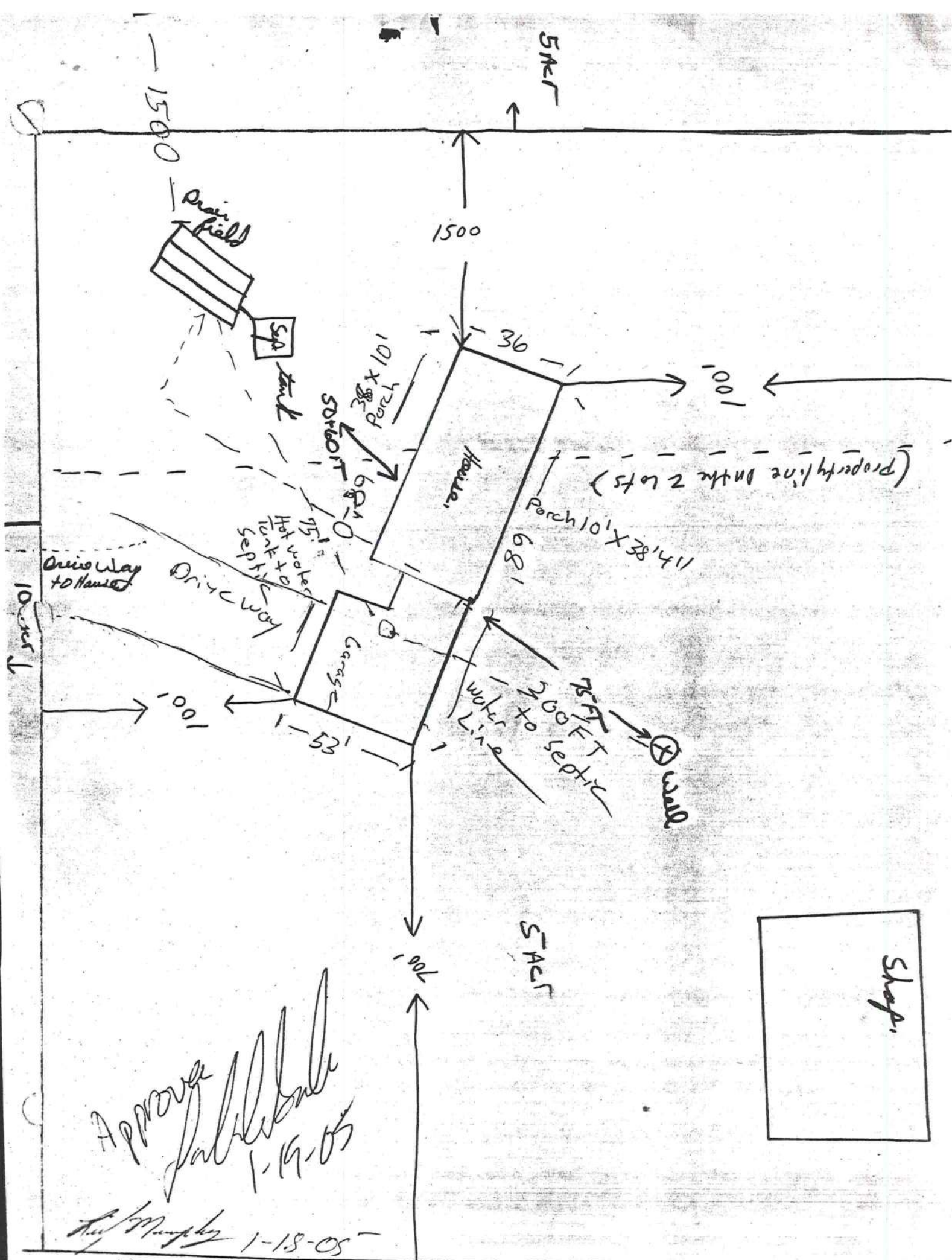
Notes: See Attached

Site Plan submitted by: X [Signature] Signature Title

Plan Approved \_\_\_\_\_ Not Approved \_\_\_\_\_ Date \_\_\_\_\_

By \_\_\_\_\_ County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT





Cathy Clarke  
*Residential Drafting & Design*

3310 NW 28th Place  
Gainesville, Florida 32605-2607

Phone: (352) 338-2889  
Fax: (352) 373-7661  
Email: cathyclar@aol.com

Columbia County Building & Zoning Department  
Lake City, Florida

January 27, 2005

Dear Sir/Madam

This letter is to confirm that I designed and drew the building plans for Rick Murphy's new residence. I understand that in the future my signature will need to be included on plans submitted to your building department.

Thank you for allowing me to submit this letter in lieu of physically affixing my signature to the plans.

Sincerely,

*Cathy Clarke*

Cathy Clarke

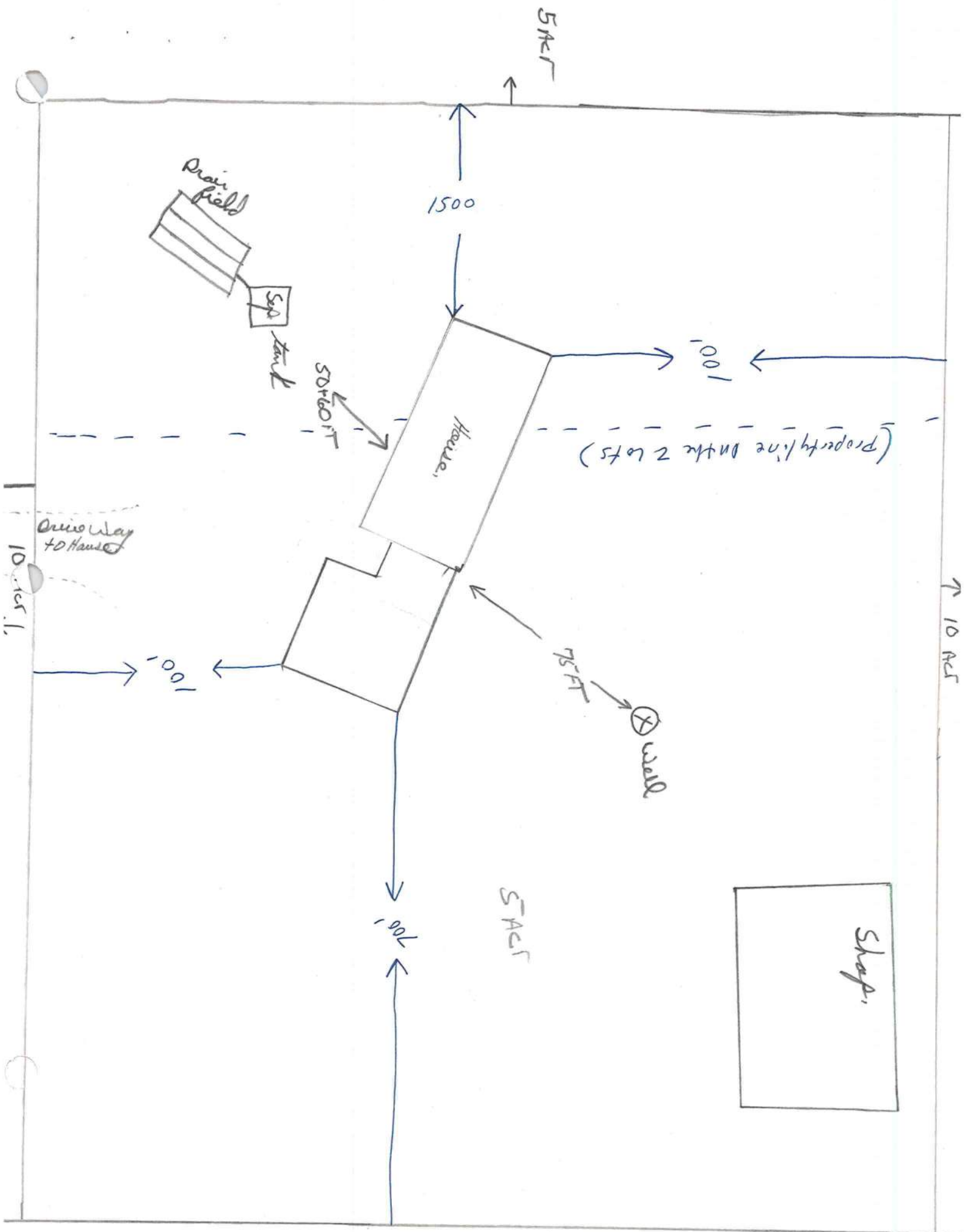
STATE OF FLORIDA  
COUNTY OF Alachua

The foregoing instrument was acknowledged before me this  
27 day of JAN, 2005 by Mary Catherine Clarke

Personally Known \_\_\_\_\_ or produced  
Identification type FL ID# C462583549410  
exp 12/06

*Rachel L. Ferguson*  
Signature of Notary Seal





## DISCLOSURE STATEMENT

### FOR OWNER/BUILDER WHEN ACTING AS THEIR OWN CONTRACTOR AND CLAIMING EXEMPTION OF CONTRACTOR LICENSING REQUIREMENTS IN ACCORDANCE WITH FLORIDA STATUTES, ss. 489.103(7).

State law requires construction to be done by licensed contractors. You have applied for a permit under an exemption to that law. The exemption allows you, as the owner of your property, to act as your own contractor with certain restrictions even though you do not have a license. You must provide direct, onsite supervision of the construction yourself. You may build or improve a one-family or two-family residence or a farm outbuilding. You may also build or improve a commercial building, provided your costs do not exceed \$25,000. The building or residence must be for your own use or occupancy. It may not be built or substantially improved for sale or lease. If you sell or lease a building you have built or substantially improved yourself within 1 year after the construction is complete, the law will presume that you built or substantially improved it for sale or lease, which is a violation of this exemption. You may not hire an unlicensed person to act as your contractor or to supervise people working on your building. It is your responsibility to make sure that people employed by you have licenses required by state law and by county or municipal licensing ordinances. You may not delegate the responsibility for supervising work to a licensed contractor who is not licensed to perform the work being done. Any person working on your building who is not licensed must work under your direct supervision and must be employed by you, which means that you must deduct F.I.C.A. and withholding tax and provide workers' compensation for that employee, all as prescribed by law. Your construction must comply with all applicable laws, ordinances, building codes, and zoning regulations.

#### TYPE OF CONSTRUCTION

- ☒ Single Family Dwelling  
☐ Farm Outbuilding  
☐ New Construction

- ☐ Two-Family Residence  
☐ Other \_\_\_\_\_

☐ Addition, Alteration, Modification or other Improvement

#### NEW CONSTRUCTION OR IMPROVEMENT

X I Rick Murphy, have been advised of the above disclosure statement for exemption from contractor licensing as an owner/builder. I agree to comply with all requirements provided for in Florida Statutes ss.489.103(7) allowing this exception for the construction permitted by Columbia County Building Permit Number 22752

X Rick Murphy 1-18-05  
Signature Date

#### FOR BUILDING USE ONLY

I hereby certify that the above listed owner/builder has been notified of the disclosure statement in Florida Statutes ss 489.103(7).

Date 1-18-05 Building Official/Representative Laurie Hedson

**NOTICE OF COMMENCEMENT FORM  
COLUMBIA COUNTY, FLORIDA**

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.

Tax Parcel ID Number R 04298-011

1. Description of property: (legal description of the property and street address or 911 address)  
23-75-16 5000/0200 5.00 Acres  
Com SW COR of SE 1/4 of NW 1/4,  
Run N 62.72 FT FOR POB, Run W  
111.68 FT, N 492.20 FT, E 442.45 FT,  
S 492.20 FT, W 330.89 FT TO POB. ORB 779-1708
2. General description of improvement: New Single Family Residential House  
Living Area 21385 SF Garage 637.6 SF Porch 1380.0 SF Porch 2 380.00 SF
3. Owner Name & Address Rick & Kathy Murphy, 3269 SW CR 138,  
Ft White FL 32038 interest in Property Owner
4. Name & Address of Fee Simple Owner (if other than owner): \_\_\_\_\_
5. Contractor Name Owner, Rick Murphy Phone Number \_\_\_\_\_  
 Address 3269 SW CR 138, Ft White FL 32038
6. Surety Holders Name N/A Phone Number \_\_\_\_\_  
 Address \_\_\_\_\_  
 Amount of Bond \_\_\_\_\_ Inst: 2005001122 Date: 01/18/2005 Time: 13:49  
 \_\_\_\_\_ DC, P. DeWitt Cason, Columbia County B: 1035 P: 1991
7. Lender Name N/A Address \_\_\_\_\_
8. Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes:  
 Name Rick & Kathy Murphy Phone Number \_\_\_\_\_  
 Address 3269 SW CR 138, Ft White FL 32038
9. In addition to himself/herself the owner designates \_\_\_\_\_ of \_\_\_\_\_  
 \_\_\_\_\_ to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) -  
 (a) 7. Phone Number of the designee \_\_\_\_\_
10. Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of recording, (Unless a different date is specified) \_\_\_\_\_

**NOTICE AS PER CHAPTER 713, Florida Statutes:**

The owner must sign the notice of commencement and no one else may be permitted to sign in his/her stead.

Sworn to (or affirmed) and subscribed before  
day of January 14, 2005

NOTARY STAMP/SEAL

Signature of Owner



Signature of Notary

CAM112M01 S CamaUSA Appraisal System  
1/18/2005 13:47 Legal Description Maintenance  
Year T Property Sel  
2005 R 23-7S-16-04298-011

Columbia County  
8400 Land 001  
660 AG 001  
36579 Bldg 001 \*  
200 Xfea 001  
45839 TOTAL B

3269 SW CR 138 FW  
MURPHY RICK D

1	COMM SW COR OF SE1/4 OF NW1/4,,	RUN N 62.72 FT FOR POB,,	RUN W	2
3	111.68 FT, N 492.20 FT, E	442.45 FT, S 492.20 FT, W		4
5	330.89 FT TO POB. ORB 779-1708			6
7				8
9				10
11				12
13				14
15				16
17				18
19				20
21				22
23				24
25				26
27				28

Mnt 12/11/2001 TERRY

F1=Task F3=Exit F4=Prompt F10=GoTo PGUP/PGDN F24=MoreKeys

FLORIDA ENERGY EFFICIENCY CODE  
FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs  
Residential Whole Building Performance Method A

Project Name:	Murphy Residence	Builder:	Owner
Address:		Permitting Office:	Columbia
City, State:		Permit Number:	22752
Owner:		Jurisdiction Number:	221000
Climate Zone:	North		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 45.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 16.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	Yes	c. N/A	
6. Conditioned floor area (ft²)	2138 ft²		
7. Glass area & type	Single Pane Double Pane	13. Heating systems	
a. Clear glass, default U-factor	216.0 ft² 0.0 ft²	a. Electric Heat Pump	Cap: 47.0 kBtu/hr
b. Default tint	0.0 ft² 0.0 ft²		HSPF: 8.50
c. Labeled U or SHGC	0.0 ft² 0.0 ft²	b. N/A	
8. Floor types		c. N/A	
a. Slab-On-Grade Edge Insulation	R=0.0, 243.0(p) ft		
b. N/A		14. Hot water systems	
c. N/A		a. Electric Resistance	Cap: 50.0 gallons
9. Wall types			EF: 0.97
a. Frame, Wood, Exterior	R=11.0, 1662.0 ft²	b. N/A	
b. Frame, Wood, Adjacent	R=11.0, 280.0 ft²	c. Conservation credits	
c. N/A		(HR-Heat recovery, Solar	
d. N/A		DHP-Dedicated heat pump)	
e. N/A		15. HVAC credits	
10. Ceiling types		(CF-Ceiling fan, CV-Cross ventilation,	
a. Under Attic	R=30.0, 2200.0 ft²	HF-Whole house fan,	
b. N/A		PT-Programmable Thermostat,	
c. N/A		MZ-C-Multizone cooling,	
11. Ducts		MZ-H-Multizone heating)	
a. Sup: Con. Ret: Unc. AH: Garage	Sup. R=6.5, 100.0 ft		
b. N/A			

Glass/Floor Area: 0.10

Total as-built points: 25333  
Total base points: 31127

PASS

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

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

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

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


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

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

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

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

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



# Summary Energy Code Results

## Residential Whole Building Performance Method A

Project Title:  
Murphy Residence

Class 3 Rating  
Registration No. 0  
Climate: North

12/8/04

Building Loads			
Base		As-Built	
Summer:	<b>27444 points</b>	Summer:	<b>23734 points</b>
Winter:	<b>17821 points</b>	Winter:	<b>25494 points</b>
Hot Water:	<b>7249 points</b>	Hot Water:	<b>7249 points</b>
Total:	<b>52515 points</b>	Total:	<b>56478 points</b>

Energy Use			
Base		As-Built	
Cooling:	<b>11708 points</b>	Cooling:	<b>5835 points</b>
Heating:	<b>11181 points</b>	Heating:	<b>12025 points</b>
Hot Water:	<b>8238 points</b>	Hot Water:	<b>7474 points</b>
Total:	<b>31127 points</b>	Total:	<b>25333 points</b>

**PASS**  
e-Ratio: 0.81

EnergyGauge®(Version: FLRCSB v3.30)

# ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE\* = 86.9

The higher the score, the more efficient the home.

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 45.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 16.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	Yes	c. N/A	
6. Conditioned floor area (ft²)	2138 ft²		
7. Glass area & type	Single Pane Double Pane	13. Heating systems	
a. Clear - single pane	216.0 ft² 0.0 ft²	a. Electric Heat Pump	Cap: 47.0 kBtu/hr
b. Clear - double pane	0.0 ft² 0.0 ft²		HSPF: 8.50
c. Tint/other SHGC - single pane	0.0 ft² 0.0 ft²	b. N/A	
d. Tint/other SHGC - double pane		c. N/A	
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=0.0, 243.0(p) ft	a. Electric Resistance	Cap: 50.0 gallons
b. N/A			EF: 0.97
c. N/A		b. N/A	
9. Wall types		c. Conservation credits	
a. Frame, Wood, Exterior	R=11.0, 1662.0 ft²	(HR-Heat recovery, Solar	
b. Frame, Wood, Adjacent	R=11.0, 280.0 ft²	DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits	
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, 2200.0 ft²	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	
c. N/A			
11. Ducts			
a. Sup: Con. Ret: Unc. AH: Garage	Sup. R=6.5, 100.0 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.*

EnergyGauge® (Version: FLRCSB v3.30)

**Code Compliance Checklist**  
**Residential Whole Building Performance Method A - Details**

ADDRESS: , , ,	PERMIT #:
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**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 6-12. 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.	

SUMMER CALCULATIONS  
Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT								
GLASS TYPES												
.18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X SPM X SOF = Points					
.18	2138.0	20.04	7712.2	Single, Clear	N	10.0	6.0	40.0	21.73	0.64	555.9	
				Single, Clear	N	10.0	6.0	15.0	21.73	0.64	208.5	
				Single, Clear	E	2.0	6.0	10.0	47.92	0.85	406.4	
				Single, Clear	W	2.0	8.0	10.0	43.84	0.91	400.4	
				Single, Clear	W	2.0	8.0	15.0	43.84	0.91	600.6	
				Single, Clear	S	2.0	7.0	15.0	40.81	0.82	502.0	
				Single, Clear	S	10.0	6.0	75.0	40.81	0.46	1414.9	
				Single, Clear	S	10.0	6.0	20.0	40.81	0.46	377.3	
				Single, Clear	S	2.0	6.0	16.0	40.81	0.78	506.7	
				As-Built Total:				216.0		4972.7		
WALL TYPES				Area X BSPM = Points		Type	R-Value	Area X SPM = Points				
Adjacent	280.0	0.70	196.0	Frame, Wood, Exterior			11.0	1662.0	1.70	2825.4		
Exterior	1662.0	1.70	2825.4	Frame, Wood, Adjacent			11.0	280.0	0.70	196.0		
Base Total:				1942.0		3021.4		As-Built Total:		1942.0		3021.4
DOOR TYPES				Area X BSPM = Points		Type	Area X SPM = Points					
Adjacent	19.0	2.40	45.6	Exterior Insulated				21.0	4.10	86.1		
Exterior	21.0	6.10	128.1	Adjacent Insulated				19.0	1.60	30.4		
Base Total:				40.0		173.7		As-Built Total:		40.0		116.5
CEILING TYPES				Area X BSPM = Points		Type	R-Value	Area X SPM X SCM = Points				
Under Attic	2138.0	1.73	3698.7	Under Attic			30.0	2200.0	1.73 X 1.00	3806.0		
Base Total:				2138.0		3698.7		As-Built Total:		2200.0		3806.0
FLOOR TYPES				Area X BSPM = Points		Type	R-Value	Area X SPM = Points				
Slab	243.0(p)	-37.0	-8991.0	Slab-On-Grade Edge Insulation			0.0	243.0(p)	-41.20	-10011.6		
Raised	0.0	0.00	0.0									
Base Total:				-8991.0		As-Built Total:		243.0		-10011.6		
INFILTRATION				Area X BSPM = Points		Area X SPM = Points						
	2138.0	10.21	21829.0							2138.0	10.21	21829.0

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT							
Summer Base Points:		27444.0		Summer As-Built Points:						23734.0	
Total Summer Points	X	System Multiplier	= Cooling Points	Total Component	X	Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	=	Cooling Points
27444.0		0.4266	11707.6	23734.0		1.000	(1.005 x 1.147 x 1.00)	0.213	1.000		5834.6
				23734.0		1.00	1.152	0.213	1.000		5834.6

# WINTER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X WPM X WOF = Points				
.18	2138.0	12.74	4902.9	Single, Clear	N	10.0	6.0	40.0	33.22	1.02	1360.4
				Single, Clear	N	10.0	6.0	15.0	33.22	1.02	510.2
				Single, Clear	E	2.0	6.0	10.0	26.41	1.06	280.1
				Single, Clear	W	2.0	8.0	10.0	28.84	1.02	295.2
				Single, Clear	W	2.0	8.0	15.0	28.84	1.02	442.8
				Single, Clear	S	2.0	7.0	15.0	20.24	1.17	355.5
				Single, Clear	S	10.0	6.0	75.0	20.24	3.40	5162.9
				Single, Clear	S	10.0	6.0	20.0	20.24	3.40	1376.8
				Single, Clear	S	2.0	6.0	16.0	20.24	1.26	407.5
				As-Built Total:				216.0	10191.3		
WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	280.0	3.60	1008.0	Frame, Wood, Exterior	11.0		1662.0	3.70	6149.4		
Exterior	1662.0	3.70	6149.4	Frame, Wood, Adjacent	11.0		280.0	3.60	1008.0		
Base Total:				As-Built Total:				1942.0	7157.4		
DOOR TYPES Area X BWPM = Points				Type	Area X WPM = Points						
Adjacent	19.0	11.50	218.5	Exterior Insulated			21.0	8.40	176.4		
Exterior	21.0	12.30	258.3	Adjacent Insulated			19.0	8.00	152.0		
Base Total:				As-Built Total:				40.0	328.4		
CEILING TYPES Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points				
Under Attic	2138.0	2.05	4382.9	Under Attic	30.0		2200.0	2.05 X 1.00	4510.0		
Base Total:				As-Built Total:				2200.0	4510.0		
FLOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Slab	243.0(p)	8.9	2162.7	Slab-On-Grade Edge Insulation	0.0		243.0(p)	18.80	4568.4		
Raised	0.0	0.00	0.0								
Base Total:				As-Built Total:				243.0	4568.4		
INFILTRATION Area X BWPM = Points				Area X WPM = Points							
2138.0 -0.59 -1261.4				2138.0 -0.59 -1261.4							

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT						
Winter Base Points:		17821.2		Winter As-Built Points:		25494.1				
Total Winter Points	X	System Multiplier	= Heating Points	Total Component	X	Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
17821.2		0.6274	11181.0	25494.1 25494.1		1.000 1.00	(1.006 x 1.169 x 1.00) 1.176	0.401 0.401	1.000 1.000	12024.8 12024.8

WATER HEATING & CODE COMPLIANCE STATUS  
Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE					AS-BUILT					
WATER HEATING					Tank	EF	Number of	X	Tank	X
Number of	X	Multiplier	=	Total	Volume		Bedrooms		Ratio	Multiplier
Bedrooms										Credit = Total
										Multiplier
3		2746.00		8238.0	50.0	0.97	3		1.00	2491.22
					As-Built Total:					1.00 7473.6
										7473.6

CODE COMPLIANCE STATUS									
BASE					AS-BUILT				
Cooling	+	Heating	+	Hot Water	=	Total	Cooling	+	Heating
Points		Points		Points		Points	Points		Points
						Points			
						Points			
11708		11181		8238		31127	5835		12025
									7474
									25333

PASS



# COLUMBIA COUNTY FLORIDA DEPARTMENT OF BUILDING AND ZONING

## 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 23-7S-16-04298-011

Building permit No. 000022752

Use Classification SFD & UTILITY

Fire: 90.86

Permit Holder OWNER BUILDER

Waste: 134.75

Owner of Building RICK & KATHY MURPHY

Total: 225.61

Location: 3269 SW CR 138, FT. WHITE, FL

Date: 11/07/2005

*Henry Dicks*

Building Inspector



POST IN A CONSPICUOUS PLACE  
(Business Places Only)