

DATE 03/30/2004

**Columbia County Building Permit****PERMIT**

This Permit Expires One Year From the Date of Issue

000021667

APPLICANT MACK ROBINSON PHONE 755-2492  
 ADDRESS RT 14 BX 24355 LAKE CITY FL 32024  
 OWNER RONALD & BARBARA SOUTHWELL PHONE 752-8133  
 ADDRESS 243 SW SPAULDING COURT FT. WHITE FL 32038  
 CONTRACTOR MACK ROBINSON PHONE \_\_\_\_\_  
 LOCATION OF PROPERTY 47S, TR ON HERLONG, TL ON SPAULDING RD, 2ND LOT ON LEFT

TYPE DEVELOPMENT SFD, UTILITY ESTIMATED COST OF CONSTRUCTION 80200.00  
 HEATED FLOOR AREA 1604.00 TOTAL AREA 2389.00 HEIGHT .00 STORIES 1  
 FOUNDATION CONC WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB  
 LAND USE & ZONING A-3 MAX. HEIGHT 18  
 Minimum Set Back Requirements: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00  
 NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO. \_\_\_\_\_

PARCEL ID 9-6S-16-03804-203 SUBDIVISION DOE RUN  
 LOT 3 BLOCK \_\_\_\_\_ PHASE \_\_\_\_\_ UNIT \_\_\_\_\_ TOTAL ACRES \_\_\_\_\_

RB0054287 *Mack Robinson*  
 Culvert Permit No. \_\_\_\_\_ Culvert Waiver \_\_\_\_\_ Contractor's License Number \_\_\_\_\_ Applicant/Owner/Contractor \_\_\_\_\_  
 EXISTING 04-0322-N BK JK Y  
 Driveway Connection \_\_\_\_\_ Septic Tank Number \_\_\_\_\_ LU & Zoning checked by \_\_\_\_\_ Approved for Issuance \_\_\_\_\_ New Resident \_\_\_\_\_

COMMENTS: ONE FOOT ABOVE ROAD

PROPERTY DIVIDED PRIOR TO APRIL 17, 2003

Check # or Cash 7118**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 \$ 405.00 CERTIFICATION FEE \$ 11.95 SURCHARGE FEE \$ 11.95  
 MISC. FEES \$ .00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ \_\_\_\_\_ WASTE FEE \$ \_\_\_\_\_  
 FLOOD ZONE DEVELOPMENT FEE \$ \_\_\_\_\_ CULVERT FEE \$ \_\_\_\_\_ TOTAL FEE 478.90

INSPECTORS OFFICE *[Signature]*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."

**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 INCONVENIENCE, 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.

# Building Permit Application

Existing Coluvert

Date 3/16/2004

Application No. 0403-58  
21667

Applicants Name & Address Mack Robinson Phone 755-2492  
RT 14 Box 24355 Lake City FL 32024

Owners Name & Address Ronald + Barbara Southwell Phone 752-8133  
RT 12 Box 802 Lake City FL 32025

Fee Simple Owners Name & Address \_\_\_\_\_ Phone \_\_\_\_\_

Contractors Name & Address Mack Robinson + Sons Const Inc Phone 755-2492  
RT 14 Box 24355 Lake City FL 32024

Legal Description of Property South 1/2 of Lot 3 Sect 9 Township 6 South R. 16 East

Location of Property \_\_\_\_\_  
Driving Directions South of 47, Turn R on Herlong, turn left on Spaulding Rd. Sub on left

Tax Parcel Identification No. 03804-103 203 9-65-16 Estimated Cost of Construction \$ 105,600

Type of Development Residential Number of Existing Dwellings on Property 0

Comprehensive Plan Map Category A-3 Zoning Map Category A-3

Building Height 18 ft Number of Stories 1 Floor Area 1604 Total Acreage in Development 2389

Distance From Property Lines (Set Backs) Front 99 Side 158 Rear 200 Street \_\_\_\_\_

Flood Zone X Certification Date \_\_\_\_\_ Development Permit N/A

Bonding Company Name & Address \_\_\_\_\_

Architect/Engineer Name & Address Sam McNamee + Mark Desautels

Mortgage Lenders Name & Address \_\_\_\_\_

Application is hereby made to obtain a permit to do the 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 will 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 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.

Mack Robinson  
Owner or Agent (including contractor)

Mack Robinson + Sons Const Inc  
Contractor  
RB0054287  
Contractor License Number

STATE OF FLORIDA  
COUNTY OF COLUMBIA  
Sworn to (or affirmed) and subscribed before me  
this \_\_\_\_\_ day of \_\_\_\_\_ by \_\_\_\_\_

STATE OF FLORIDA  
COUNTY OF COLUMBIA  
Sworn to (or affirmed) and subscribed before me  
this \_\_\_\_\_ day of \_\_\_\_\_ by \_\_\_\_\_

Personally Known \_\_\_\_\_ OR Produced Identification

Personally Known \_\_\_\_\_ OR Produced Identification

# FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

## Florida Department of Community Affairs Residential Whole Building Performance Method A

Project Name: **Southwell residence**  
Address: **Spaulding Road**  
City, State: **Lake City, FL 32055-**  
Owner: **Southwell**  
Climate Zone: **North**

Builder: **M. Robinson**  
Permitting Office: **Columbia Co.**  
Permit Number: **21667**  
Jurisdiction Number: **121000**

- |                                              |                                |                       |
|----------------------------------------------|--------------------------------|-----------------------|
| 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 (ft <sup>2</sup> ) | 1604 ft <sup>2</sup>           | ___                   |
| 7. Glass area & type                         | Single Pane                    | Double Pane           |
| a. Clear glass, default U-factor             | 0.0 ft <sup>2</sup>            | 178.0 ft <sup>2</sup> |
| b. Default tint                              | 0.0 ft <sup>2</sup>            | 0.0 ft <sup>2</sup>   |
| c. Labeled U or SHGC                         | 0.0 ft <sup>2</sup>            | 0.0 ft <sup>2</sup>   |
| 8. Floor types                               |                                |                       |
| a. Slab-On-Grade Edge Insulation             | R=0.0, 195.0(p) ft             | ___                   |
| b. N/A                                       |                                | ___                   |
| c. N/A                                       |                                | ___                   |
| 9. Wall types                                |                                |                       |
| a. Frame, Wood, Exterior                     | R=11.0, 1341.0 ft <sup>2</sup> | ___                   |
| b. N/A                                       |                                | ___                   |
| c. N/A                                       |                                | ___                   |
| d. N/A                                       |                                | ___                   |
| e. N/A                                       |                                | ___                   |
| 10. Ceiling types                            |                                |                       |
| a. Under Attic                               | R=30.0, 1604.0 ft <sup>2</sup> | ___                   |
| b. N/A                                       |                                | ___                   |
| c. N/A                                       |                                | ___                   |
| 11. Ducts                                    |                                |                       |
| a. Sup: Unc. Ret: Unc. AH: Interior          | Sup. R=6.0, 50.0 ft            | ___                   |
| b. N/A                                       |                                | ___                   |

- |                         |                                                                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| 12. Cooling systems     |                                                                                                                                                    |
| a. Central Unit         | Cap: 35.0 kBtu/hr<br>SEER: 10.00                                                                                                                   |
| b. N/A                  | ___                                                                                                                                                |
| c. N/A                  | ___                                                                                                                                                |
| 13. Heating systems     |                                                                                                                                                    |
| a. Electric Heat Pump   | Cap: 35.0 kBtu/hr<br>HSPF: 7.90                                                                                                                    |
| b. N/A                  | ___                                                                                                                                                |
| c. N/A                  | ___                                                                                                                                                |
| 14. Hot water systems   |                                                                                                                                                    |
| a. Electric Resistance  | Cap: 30.0 gallons<br>EF: 0.90                                                                                                                      |
| b. N/A                  | ___                                                                                                                                                |
| c. Conservation credits | (HR-Heat recovery, Solar<br>DHP-Dedicated heat pump)                                                                                               |
| 15. HVAC credits        | PT, CF, ___                                                                                                                                        |
|                         | (CF-Ceiling fan, CV-Cross ventilation,<br>HF-Whole house fan,<br>PT-Programmable Thermostat,<br>MZ-C-Multizone cooling,<br>MZ-H-Multizone heating) |

Glass/Floor Area: 0.11

Total as-built points: 22106

Total base points: 25183

# PASS

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

PREPARED BY: Tim Delbene  
DATE: 3/4/09

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: \_\_\_\_\_



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

ADDRESS: Spaulding Road, Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT							
<b>GLASS TYPES</b>											
.18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X SPM X SOF = Points				
.18	1604.0	20.04	5785.9	Double, Clear	N	2.0	4.0	9.0	19.20	0.83	143.6
				Double, Clear	N	10.0	4.0	9.0	19.20	0.60	104.2
				Double, Clear	N	10.0	7.0	15.0	19.20	0.66	190.2
				Double, Clear	N	10.0	8.0	32.0	19.20	0.68	415.2
				Double, Clear	E	2.0	7.0	15.0	42.06	0.89	559.0
				Double, Clear	S	10.0	7.0	75.0	35.87	0.48	1285.4
				Double, Clear	W	2.0	7.0	15.0	38.52	0.89	512.4
				Double, Clear	W	2.0	6.0	8.0	38.52	0.85	261.8
				<b>As-Built Total: 178.0 3471.7</b>							
<b>WALL TYPES</b> Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	11.0		1341.0	1.70		2279.7	
Exterior	1341.0	1.70	2279.7								
<b>Base Total: 1341.0 2279.7</b>				<b>As-Built Total: 1341.0 2279.7</b>							
<b>DOOR TYPES</b> Area X BSPM = Points				Type	Area X SPM = Points						
Adjacent	0.0	0.00	0.0	Exterior Insulated			21.0	4.10		86.1	
Exterior	42.0	6.10	256.2	Exterior Insulated			21.0	4.10		86.1	
<b>Base Total: 42.0 256.2</b>				<b>As-Built Total: 42.0 172.2</b>							
<b>CEILING TYPES</b> Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points				
Under Attic	1604.0	1.73	2774.9	Under Attic	30.0		1604.0	1.73 X 1.00		2774.9	
<b>Base Total: 1604.0 2774.9</b>				<b>As-Built Total: 1604.0 2774.9</b>							
<b>FLOOR TYPES</b> Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Slab	195.0(p)	-37.0	-7215.0	Slab-On-Grade Edge Insulation	0.0		195.0(p)	-41.20		-8034.0	
Raised	0.0	0.00	0.0								
<b>Base Total: -7215.0</b>				<b>As-Built Total: 195.0 -8034.0</b>							
<b>INFILTRATION</b> Area X BSPM = Points				Area X SPM = Points							
1604.0 10.21 16376.8				1604.0 10.21 16376.8							

# SUMMER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: Spaulding Road, Lake City, FL, 32055-

PERMIT #:

.2 BASE				AS-BUILT						
<b>Summer Base Points: 20258.6</b>				<b>Summer As-Built Points: 17041.4</b>						
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
20258.6		0.4266	8642.3	17041.4		1.000	(1.090 x 1.147 x 0.91)	0.341	0.902	5972.0
				<b>17041.4</b>		<b>1.00</b>	<b>1.138</b>	<b>0.341</b>	<b>0.902</b>	<b>5972.0</b>

# WINTER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: Spaulding Road, Lake City, FL, 32055-

PERMIT #:

BASE	AS-BUILT
<b>GLASS TYPES</b> .18 X Conditioned X BWPM = Points Floor Area	<div style="text-align: center;">Overhang</div> <div style="display: flex; justify-content: space-between;"> <div>Type/SC</div> <div>Ornt Len Hgt Area X WPM X WOF = Points</div> </div>
.18      1604.0      12.74      3678.3	Double, Clear      N      2.0      4.0      9.0      24.58      1.01      223.3 Double, Clear      N      10.0      4.0      9.0      24.58      1.03      227.1 Double, Clear      N      10.0      7.0      15.0      24.58      1.02      376.9 Double, Clear      N      10.0      8.0      32.0      24.58      1.02      803.0 Double, Clear      E      2.0      7.0      15.0      18.79      1.05      294.7 Double, Clear      S      10.0      7.0      75.0      13.30      3.22      3212.6 Double, Clear      W      2.0      7.0      15.0      20.73      1.03      320.6 Double, Clear      W      2.0      6.0      8.0      20.73      1.04      172.9  <b>As-Built Total:</b> 178.0      5631.1
<b>WALL TYPES</b> Area X BWPM = Points	<div style="display: flex; justify-content: space-between;"> <div>Type</div> <div>R-Value      Area X WPM = Points</div> </div>
Adjacent      0.0      0.00      0.0 Exterior      1341.0      3.70      4961.7  <b>Base Total:</b> 1341.0      4961.7	Frame, Wood, Exterior      11.0      1341.0      3.70      4961.7  <b>As-Built Total:</b> 1341.0      4961.7
<b>DOOR TYPES</b> Area X BWPM = Points	<div style="display: flex; justify-content: space-between;"> <div>Type</div> <div>Area X WPM = Points</div> </div>
Adjacent      0.0      0.00      0.0 Exterior      42.0      12.30      516.6  <b>Base Total:</b> 42.0      516.6	Exterior Insulated      21.0      8.40      176.4 Exterior Insulated      21.0      8.40      176.4  <b>As-Built Total:</b> 42.0      352.8
<b>CEILING TYPES</b> Area X BWPM = Points	<div style="display: flex; justify-content: space-between;"> <div>Type</div> <div>R-Value      Area X WPM X WCM = Points</div> </div>
Under Attic      1604.0      2.05      3288.2  <b>Base Total:</b> 1604.0      3288.2	Under Attic      30.0      1604.0      2.05 X 1.00      3288.2  <b>As-Built Total:</b> 1604.0      3288.2
<b>FLOOR TYPES</b> Area X BWPM = Points	<div style="display: flex; justify-content: space-between;"> <div>Type</div> <div>R-Value      Area X WPM = Points</div> </div>
Slab      195.0(p)      8.9      1735.5 Raised      0.0      0.00      0.0  <b>Base Total:</b> 1735.5	Slab-On-Grade Edge Insulation      0.0      195.0(p)      18.80      3666.0  <b>As-Built Total:</b> 195.0      3666.0
<b>INFILTRATION</b> Area X BWPM = Points	<div style="display: flex; justify-content: space-between;"> <div></div> <div>Area X WPM = Points</div> </div>
1604.0      -0.59      -946.4	1604.0      -0.59      -946.4

# WINTER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: Spaulding Road, Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT									
Winter Base Points:		13233.9		Winter As-Built Points:					16953.4				
Total Winter Points	X	System Multiplier	= Heating Points	Total Component	X	Cap Ratio	X	Duct Multiplier	X	System Multiplier	X	Credit Multiplier	= Heating Points
							(DM x DSM x AHU)						
13233.9		0.6274	8303.0	16953.4		1.000	(1.069 x 1.169 x 0.93)	0.432		0.950		8079.5	
				16953.4		1.00	1.162	0.432		0.950		8079.5	

**WATER HEATING & CODE COMPLIANCE STATUS**

## Residential Whole Building Performance Method A - Details

ADDRESS: Spaulding Road, Lake City, FL, 32055-

PERMIT #:

BASE					AS-BUILT					
WATER HEATING										
Number of Bedrooms	X	Multiplier	=	Total	Tank Volume	EF	Number of Bedrooms	X	Tank X Ratio	Credit X Multiplier = Total
3		2746.00		8238.0	30.0	0.90	3		1.00 2684.98	1.00 8054.9
					As-Built Total:					8054.9

CODE COMPLIANCE STATUS									
BASE					AS-BUILT				
Cooling Points	+	Heating Points	+	Hot Water Points = Total Points	Cooling Points	+	Heating Points	+	Hot Water Points = Total Points
8642		8303		8238 25183	5972		8079		8055 22106

**PASS**



# Code Compliance Checklist

## Residential Whole Building Performance Method A - Details

ADDRESS: Spaulding Road, Lake City, FL, 32055-

PERMIT #:

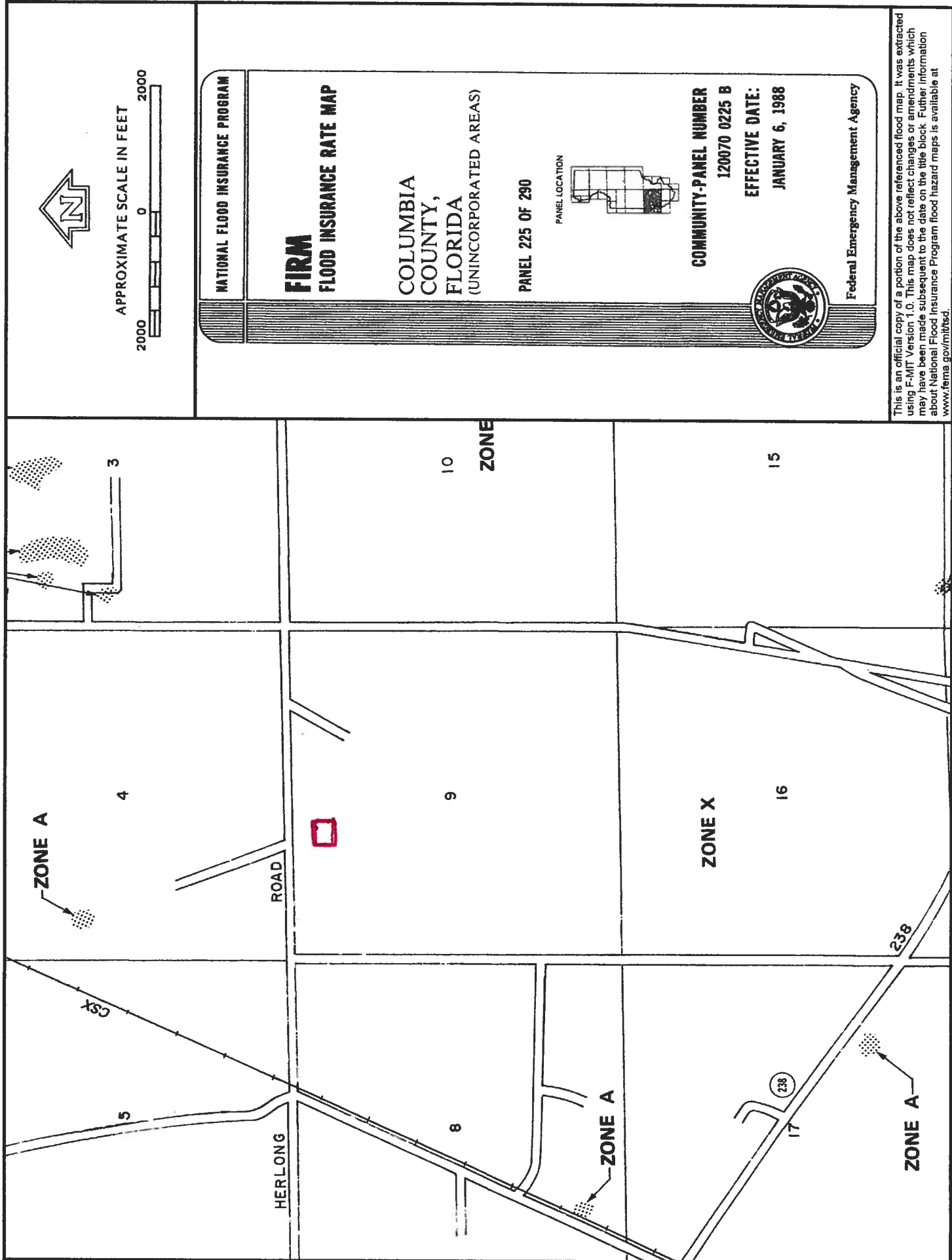
**6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST**

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.	N/A
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%.	N/A
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.	✓

0403-58



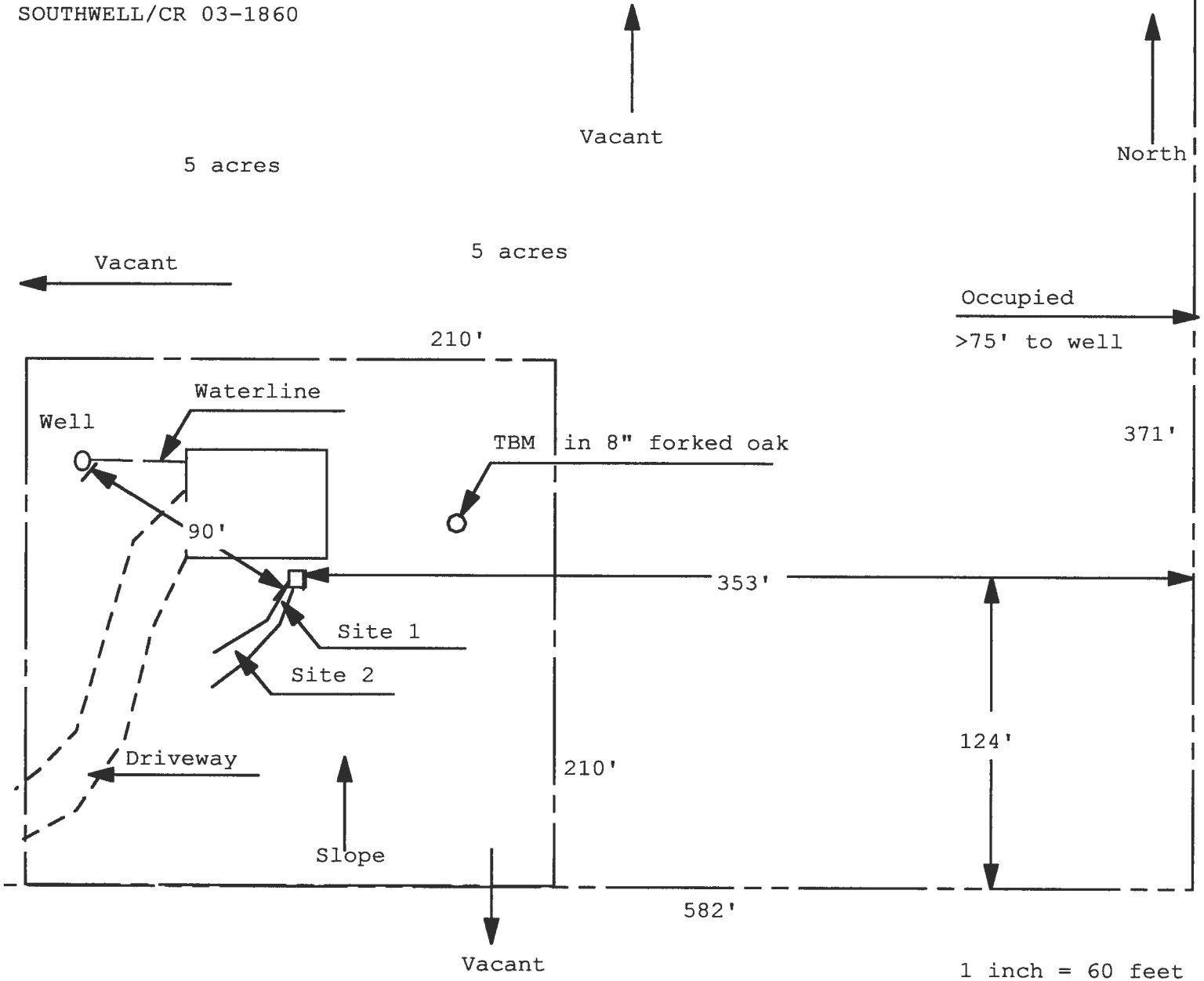
This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT Version 1.0. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. Further information about National Flood Insurance Program flood hazard maps is available at [www.fema.gov/nifmsd](http://www.fema.gov/nifmsd).

**Application for Onsite Sewage Disposal System  
Construction Permit. Part II Site Plan**

**Permit Application Number:** 04-0322N

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

SOUTHWELL/CR 03-1860



Site Plan Submitted By

Plan Approved

Not Approved

Date

Date

3/15/04

3/15/04

By

Paul L. Leph

Mr. L. Leph

CPHU

3-19-04

Notes:

# COLUMBIA COUNTY 9-1-1 ADDRESSING

263 NW Lake City Ave. \* P. O. Box 2949 \* Lake City, FL 32056-2949  
PHONE: (386) 752-8787 \* FAX: (386) 758-1365 \* Email: ron\_croft@columbiacountyfla.com

## Addressing Maintenance

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

DATE ISSUED: 3-24-04

ENHANCED 9-1-1 ADDRESS:

243 SW Spaulding CT. (Ft. White, FL 32038)

Addressed Location 911 Phone Number: N/A

OCCUPANT NAME: Ronald & Barbara Southwell

OCCUPANT CURRENT MAILING ADDRESS: Rt 12 Box 802  
Lake City, FL 32025

PROPERTY APPRAISER MAP SHEET NUMBER: 51

PROPERTY APPRAISER PARCEL NUMBER: 09-65-16-03804-103

Other Contact Phone Number (If any): \_\_\_\_\_

Building Permit Number (If known): \_\_\_\_\_

Remarks: Parcel # not assigned, Parent Parcel

Address Issued By: \_\_\_\_\_

[Signature]  
Columbia County 9-1-1 Addressing Department

THIS INSTRUMENT PREPARED BY  
AND RETURN TO:  
TITLE OFFICES, LLC  
1089 SW MAIN BLVD.  
LAKE CITY, FLORIDA 32025

Parcel I.D. #: **03804-103**

Inst: 2004005336 Date: 03/09/2004 Time: 15:53  
MCK 20 P. Sawitt Casson, Columbia County, FL 32025 F: 155

SPACE ABOVE THIS LINE FOR PROCESSING DATA

SPACE ABOVE THIS LINE FOR RECORDING DATA

## 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 713.13, Florida Statutes, the following information is provided in this Notice of Commencement. This Notice shall be void and of no force and effect if construction is not commenced within ninety (90) days after recordation.

1. Description of property: (Legal description of property, and street address if available)

### TBD SPAULDING ROAD, FORT WHITE, FLORIDA 32038

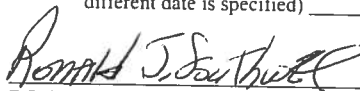
#### SOUTH 1/2 OF LOT 3

Part of the NW 1/4 of Section 9, Township 6 South, Range 16 East, Columbia County, Florida, more particularly described as follows: Commence at the NW corner of said NW 1/4; thence S 00°37'13"E along the West line of said NW 1/4 a distance of 540.00 feet; thence N 88°40'57"E, 26.00 feet to a point on the Easterly maintained right of way line of Lazy Oak Road; thence N 00°36'25"E, along said right of way line, 498.58 feet; thence N 51°23'57"E, still along said right of way line 48.13 feet to a point on the Southerly maintained right of way line of Herlong Road; thence N 89°10'18"E along said Southerly line, 686.20 feet; thence N 89°45'03"E, still along said right of way line, 574.03; thence S 00°58'24" E, 376.86 feet to the Point of Beginning; thence N 89°45'03"E, 582.79 feet; thence S 00°58'34"E, 371.77 feet; thence S 88°41'03"W, 582.79 feet; thence N 00°58'24"W, 376.63 feet to the POINT OF BEGINNING. Columbia County, Florida. Subject to an easement for ingress and egress over and across the West 30.00 feet of the above described parcel and the South 30 feet of the West 289.94 feet, more or less of the above described parcel..

TOGETHER WITH an easement for ingress and egress over and across the West 30 feet of N 1/2 of Lot 3. Part of the NW 1/4 of Section 9, Township 6 South, Range 16 East, Columbia County, Florida, more particularly described as follows: Commence at the NW corner of said NW 1/4; thence S 00°37'13" E along the west line of said NW 1/4, a distance of 540.00 feet; thence N 88°40'57" E, 25.00 feet to a Point on the Easterly Maintained Right-of-Way line of Lazy Oak Road; thence N 00°26'25" E along said Right-of-Way line 498.58 feet; thence N 51°23'37" E, still along said Right-of-Way line 48.13 feet to a point on the Southerly maintained Right-of-Way line of Herlong Road; thence N 88°10'18" E, along said Southerly line 685.20 feet; thence N 69°45'03" E along said Right-of-Way line 574.03 feet to the Point of Beginning; thence continue N 69°45'03" E along said South line, 582.79 feet; thence S 00°36'34" E, 371.57 feet; thence S 89°13'16" E, 562.65 feet; thence N 00°58'24" W, 376.55 feet to the Point of Beginning, Columbia County, Florida.

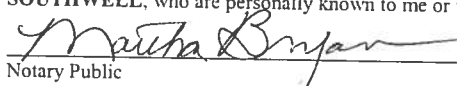
2. General description of improvement: **single family dwelling**
3. Owner information:
  - a. Name and address:  
**RONALD J. SOUTHWELL and BARBARA G. SOUTHWELL**  
**RT 12 BOX 802, LAKE CITY, FLORIDA 32025**
  - b. Interest in property: **Fee Simple**
  - c. Name and Address of Fee Simple Titleholder (if other than owner):
4. Contractor: (Name and Address)  
**MACK ROBINSON**  
**LAKE CITY, FLORIDA**  
Telephone Number: **(386) 755-2492**
5. Surety (if any):
  - a. Name and Address:  
Telephone Number: \_\_\_\_\_
  - b. Amount of Bond \$ \_\_\_\_\_

6. Lender: (Name and Address)  
**PEOPLES STATE BANK**  
**350 SW MAIN BLVD., LAKE CITY FL 32025**  
Telephone Number: 904-754-0002
7. Persons within the State of Florida designated by Owner upon whom notice or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes: (Name and Address)  
N/A
8. In addition to himself, Owner designates the following person(s) to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes: (Name and Address)  
**PEOPLES STATE BANK**  
**350 SW MAIN BLVD., LAKE CITY FL 32025**  
Telephone Number: 904-754-0002
9. Expiration date of Notice of Commencement (the expiration date is 1 year from the date of recording unless a different date is specified) \_\_\_\_\_

 (SEAL)  
RONALD J. SOUTHWELL

 (SEAL)  
BARBARA G. SOUTHWELL

Sworn to and subscribed before me this 5th day of March, 2004, by RONALD J. SOUTHWELL and BARBARA G. SOUTHWELL, who are personally known to me or who have produced drivers license as identification.

  
Notary Public  
My Commission Expires: \_\_\_\_\_



Martha Bryan  
MY COMMISSION # DD232534 EXPIRES  
August 10, 2007  
BONDED THROUGH FARM INSURANCE, INC.

Inst: 2004-035536 Date: 03/05/2004 Time: 15:53  
EC, P. DeWitt Esq., Columbia County, B. 1043 0.056

Dewey Glenn  
497-3305

MARK D. DUREN, P.S.M.

PROFESSIONAL SURVEYOR AND MAPPER, FLA. CERT. NO. 4708  
RT. 18 BOX 555 SISTER'S WELCOME RD. LAKE CITY, FLA. 32025  
(386)-758-9831-OFFICE & (386) 758-8010-FAX

1. TODAY'S DATE: 4/11/03 DATE SURVEY NEEDED: \_\_\_\_\_ CLOSING DATE \_\_\_\_\_
2. SURVEY REQUESTED BY Judy Glenn COMPANY: \_\_\_\_\_  
PHONE NO. 386-497-4150 OTHER CONTACT NO. \_\_\_\_\_
3. NAME SURVEY TO BE IN OR BUYER'S FULL NAME(S) Judy Glenn  
NAME OF MORTGAGE CO. N/A  
NAME OF TITLE CO/CLOSING AGENT: N/A
4. WORK REQUESTED: LOT: #3 BLK. \_\_\_\_\_ UNIT \_\_\_\_\_ PARCEL NO. \_\_\_\_\_
5. SUBDIVISION NAME: Doe Run COUNTY Columbia
6. PLAT BOOK \_\_\_\_\_ PAGE \_\_\_\_\_ OR BOOK \_\_\_\_\_ PAGE \_\_\_\_\_
7. SEC. TWP. RANGE (IF AVAILABLE PLEASE PROVIDE LEGAL OR DEED): \_\_\_\_\_
8. WHO IS BILL TO BE MADE OUT TO? Judy Glenn
9. WHERE IS SURVEY TO BE DELIVERED OR MAILED: will pick up
10. JOBSITE ADDRESS: \_\_\_\_\_
11. IS THERE A SEPTIC TANK TO BE LOCATED? \_\_\_\_\_ WELL? \_\_\_\_\_

**THERE WILL BE A LATE PAYMENT FINANCE CHARGE OF ONE AND A HALF PERCENT PER MONTH, COMMENCING 30 DAYS AFTER THE DATE OF THE ORIGINAL INVOICE.**

SCOPE OF WORK : There are no understandings or agreements

Except as herein expressly stated:

IN THE EVENT THAT ANY STAKING IS DESTROYED  
BY AN ACT OF GOD OR BY PARTIES OTHER THAN  
THE CONSULTANT, THE COST OF RESTAKING  
SHALL BE PAID BY THE CLIENT AS EXTRA SERVICES.

PAPERS DISTRIBUTED TO:

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

Quote: \_\_\_\_\_

#### CLIENT AUTHORIZATION

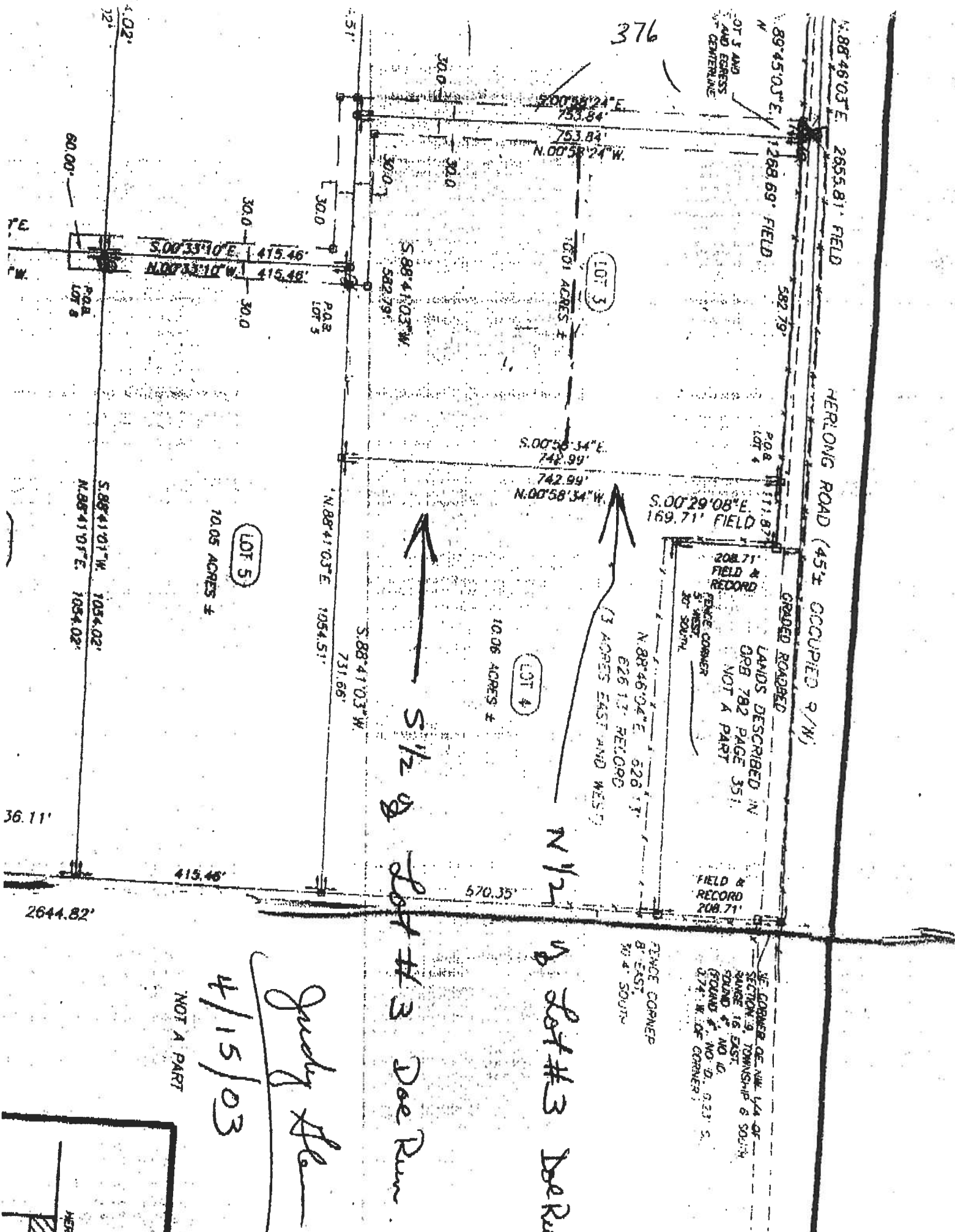
I WARRANT AND REPRESENT THAT I AM AUTHORIZED TO ENTER INTO THIS CONTRACT FOR PROFESSIONAL SERVICES AND I HEREBY AUTHORIZE THE PERFORMANCE OF THE ABOVE SERVICE AND AGREE TO PAY THE CHARGES RESULTING THEREFROM AS IDENTIFIED IN THE "FEE-TYPE" PARAGRAPH ABOVE. I HAVE READ, UNDERSTAND, AND AGREE TO THE STANDARD BUSINESS TERMS AND CONDITIONS OF THIS WORK ORDER.

Judy Glenn Owner 4/11/03  
AUTHORIZED SIGNATURE TITLE DATE

REPRESENTING \_\_\_\_\_

03/2001

**FORM MUST BE SIGNED BY PERSON(S) ORDERING SURVEY !!!**





paid  
**Work Order #**  
03-229

Date	Day	Job time	Employee time	Employee time	Employee time
6-17-03	Fri	2.0			
6-21-03	Mon	1.0			

**WORK ORDER #** 03-229

**NAME:** Judy Duren

**Representing:** Self

**BUYER:** Wynn, Judy

**Address:**

**Phone:**

**NAME OF SUBDIVISION:** Dee Run

**DESCRIPTION:** Recorded / Unrecorded LOT: 3 BLOCK: 3

**Plat Book:** Page: or **O.R. Book:** Page:

**Section:** 4 **Twp.** 6S **Range:** 16E **County:** Columbia

**REMARKS:** Cut lot to have 1 1/2 of S 1/2 of lot 3

cut into 2 - 5 acre parcels

**DATE TAKEN:** 4/11/03 **DATE NEEDED:** on or before 4-25-03

**CLOSING DATE:**

**DELIVER TO:**

**BILL TO:**

**QUOTE:** # 2500 **CERTIFIED TO:**

**NOTES:** 123/31

**Mark D. Duren, P.S.M.**  
**Professional Surveyor and Mapper FL Cert # 4708**  
**Rt. 18 Box 555 Lake City, FL 32025**  
**Phone- (904) 758-9831 Fax- (904) 758-8010**

W.  
753.91  
376.90

E.  
743.13

371.57

2-#2

# Residential System Sizing Calculation

## Summary

Southwell  
Spaulding Rd.  
Lake City, FL

Project Title:  
Robinson/Southwell

Code Only  
Professional Version  
Climate: North

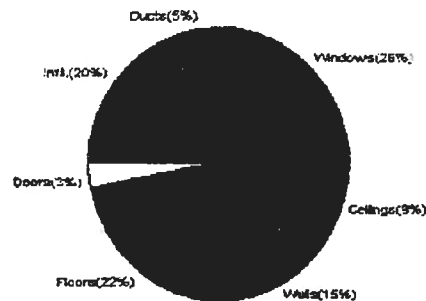
3/30/2004

Location for weather data: Tallahassee - Defaults: Latitude(30) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (76F) Humidity difference(45gr.)			
Winter design temperature	30 F	Summer design temperature	92 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	40 F	Summer temperature difference	17 F
<b>Total heating load calculation</b>	<b>23754 Btuh</b>	<b>Total cooling load calculation</b>	<b>19585 Btuh</b>
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	151.6 36000	Sensible (SHR = 0.5)	117.9 18000
Heat Pump + Auxiliary(10.0kW)	295.2 70130	Latent	417.4 18000
		Total (Electric Heat Pump)	183.8 36000

## WINTER CALCULATIONS

Winter Heating Load (for 1604 sqft)

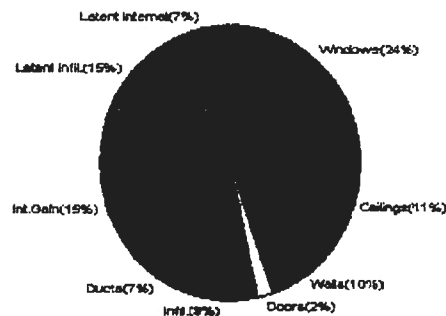
Load component		Load
Window total	186 sqft	6082 Btuh
Wall total	1142 sqft	3654 Btuh
Door total	42 sqft	773 Btuh
Ceiling total	1604 sqft	2085 Btuh
Floor total	164 ft	5314 Btuh
Infiltration	107 cfm	4714 Btuh
<b>Subtotal</b>		<b>22622 Btuh</b>
Duct loss		1131 Btuh
<b>TOTAL HEAT LOSS</b>		<b>23754 Btuh</b>



## SUMMER CALCULATIONS

Summer Cooling Load (for 1604 sqft)

Load component		Load
Window total	186 sqft	4622 Btuh
Wall total	1142 sqft	1896 Btuh
Door total	42 sqft	400 Btuh
Ceiling total	1604 sqft	2214 Btuh
Floor total		0 Btuh
Infiltration	94 cfm	1753 Btuh
Internal gain		3000 Btuh
<b>Subtotal(sensible)</b>		<b>13884 Btuh</b>
Duct gain		1388 Btuh
<b>Total sensible gain</b>		<b>15273 Btuh</b>
Latent gain(infiltration)		2933 Btuh
Latent gain(internal)		1380 Btuh
<b>Total latent gain</b>		<b>4313 Btuh</b>
<b>TOTAL HEAT GAIN</b>		<b>19586 Btuh</b>



EnergyGauge® System Sizing based on ACCA Manual J.

PREPARED BY: *Jim Buckner*

DATE: *3/30/04*

# 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 9-6S-16-03804-203

Building permit No. 000021667

Use Classification SFD, UTILITY

Fire: 11.34

Permit Holder MACK ROBINSON

Waste: 24.50

Owner of Building RONALD & BARBARA SOUTHWELL

Total: 35.84

Location: 243 SW SPAULDING COURT(DOE RUN, LOT 3)

Date: 08/19/2004

*Fanny Dicks*

Building Inspector



POST IN A CONSPICUOUS PLACE  
(Business Places Only)

City \_\_\_\_\_

State \_\_\_\_\_

Site Location Subdivision \_\_\_\_\_

Lot# \_\_\_\_\_

Block# \_\_\_\_\_

Permit# \_\_\_\_\_

# 21667

Address \_\_\_\_\_

**AREAS TREATED**

Print Technician's

Area Treated

Date

Time

Gal.

Name

Main Body

Patio/s #

Stoop/s #

Porch/s #

Brick Veneer

Extension Walls

A/C Pad

Walk/s #

Exterior of Foundation

Driveway Apron

Out Building

Tub Trap/s

(Other)

Name of Product Applied \_\_\_\_\_

%

Remarks \_\_\_\_\_

Applicator - White • Permit File - Canary • Permit Holder - Pink