	8/2004	7				Buildil ear From th	e Date o	of Issue		PERMIT 000022211
APPLICANT	JAMES S	Salate Conselling	7 2 2 7 2	Ni Ni			PHONE	755-1808	— <sub>E</sub>	22056
ADDRESS OWNER	IAMES S	PO BOX	3212			LAKE CITY	PHONE	755-1808	<u>FL</u>	32056
ADDRESS	201		AS TERRA	CE		LAKE CITY		733-1808	— FL	32055
CONTRACTO		NER BUIL		J.D.			PHONE		_ <u>FL</u>	32033
		en angelen in	COUNTRY DAME	WA CHINICT	ON CO T			UNIC DART T	—	,
LOCATION C	JF PROPER	.1 Y				O THE 1ST RX GAS TERR, 1S				
TYPE DEVEL	LOPMENT	SFD,U	TILTIY			TIMATED CO				08200.00
HEATED FLO	OOR AREA	_	2164.00	TO	TAL ARE	EA 2931.00		HEIGHT	24.00	STORIES 1
FOUNDATIO	N CON	CRETE	WALL	S FRAMED	<u> </u>	ROOF PITCH	4/12		FLOOR	SLAB
LAND USE &	ZONING	IND	USTRIAL				MAX	K. HEIGHT	35	
Minimum Set	Back Requi	rments:	STREET-F	RONT	20.00		REAR	15.00	SIDI	E
NO. EX.D.U.	0	_ FLOO	OD ZONE	<u>X</u>		DEVELOPMI	ENT PER	MIT NO.		
PARCEL ID	35-3S-17-	07303-004		SUE	BDIVISIO	N				
LOT	BLOCK		PHASE _		UNIT _		TOT	AL ACRES	3.34	
Driveway Cont COMMENTS: REPLACING I	NOC ON	FILE	nk Number			ng checked by	Арр	oroved for Issu	=	New Resident
								Check # or	r Cash	2380
			FOR BUI	LDING &	ZONIN	IG DEPART	rment	ONLY		(footer/Slab)
Temporary Pov	wer	•	•	Foundatio	n	1		_ Monolithic		
77 1 14		date/app	. by		Cl. I	date/app. by		90.50	7 VARVIN 1900	date/app. by
Under slab rou	gn-in plumb	ing	date/app		_ Slab _	date/app		Sheath	ing/Nailin	date/app. by
Framing			(20)	150	ımbing at	ove slab and be	100	d floor		
	date/ap	p. by		-						date/app. by
Electrical roug	gh-in	date/app.		Heat & Air	Duct _			Peri. beam (L	intel)	
Permanent pow		date/app.	бу	CO Final		date/app. b	У	Culvert		date/app. by
Permanent pow		te/app. by		C.O. Final		late/app. by		Culvert _	d	ate/app. by
M/H tie downs,	blocking, e	lectricity an	d plumbing					Pool	50.0	
Reconnection				Pump pole	date/app e	01.1-5- <del>4</del> .	Utility Po	le	da	te/app. by
M/H Pole		date/app. by		el Trailer	date/	app. by		date/app	b. by	
	te/app. by		Trav	- Trailer	d	ate/app. by		Re-roof	date	/app. by
BUILDING PE	RMIT FEE	s 54:	5.00	CERTIFICAT	TION FE	E \$ 14.66	5	SURCHAI	RGE FEE	\$ 14.66
MISC. FEES \$			3	CERT. FEE \$			\$		STE FEE	
FLOOD ZONE	-	MENT FE			VERT FI			TOTAL I		
I LOOD ZONE	DE VELUP	MENT FEI	0		, LICI II			TOTAL	EE 0	LT.3L
<b>INSPECTORS</b>		7	111			CLERKS		-DJ	/	99

Columbia County Building Permit

DATE 08/18/2004

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.

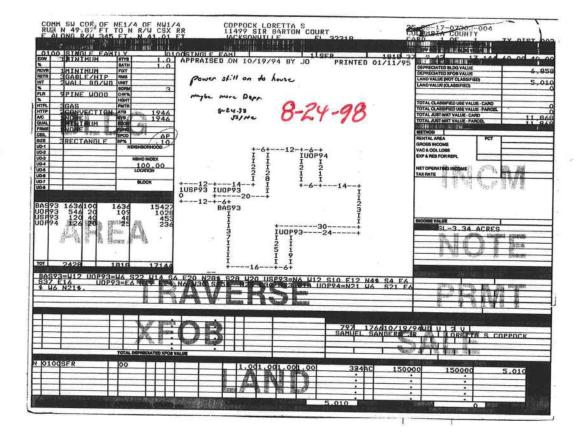
### **Columbia County Building Permit Application**

	eived 7/15/04 By Ju Permit # 2221/
Application Approved by - Zoning Official Blk Date //	Plans Examiner Date
Flood Zone Development Permit Zoning_	I Land Use Plan Map Category
Comments House existing prior to march 4, 199	8
Applicants Name James Simmons	70, 70, 10,0
0	Phone 386-755-1808
Address Y. O. BOX 3272 hake	City FL. 32056
Owners Name James Simmons	Phone 386 - 755 - 1808
911 Address 201 NE VEGAS TER	Lake City FL. 32055
Contractors Name 5 ame AS About	Phone
Address Same AS Above	
Fee Simple Owner Name & Address Ame no owner	
Bonding Co. Name & Address	Y
Architect/Engineer Name & Address Free Man Design	Group 161 N. w madison St. Lake City fl
Mortgage Lenders Name & Address	
Property ID Number <u>R07303-004</u>	100 000
Subdivision Name Alexandra Heights Water	estimated Cost of Construction ////////
Delian Disastan Fact and what is a fact	H D ST D D D D D D D D D D D D D D D D D
Driving Directions East on Washington St Pass	The boys club 1st RIA crossing on
Left, Right on Kingston Ln, Pass truevine Gravel Road on right.	Church, Left on ViGas lek, 134
Type of Construction Single Family Dwelling No	Umber of Existing Dwellings on Property
Total Acreage 3.34 Lot Size Do you need a - Culver	
Actual Distance of Structure from Property Lines - Front 3200	
Total Building Height Number of Stories He	eated Floor Area 2/6 4 Roof Piten 12
Application is hereby made to obtain a permit to do work and inch	
Application is hereby made to obtain a permit to do work and installation has commenced prior to the issuance of a permit and all laws regulating construction in this jurisdiction.	that all work be performed to meet the standards of
OWNERS AFFIDAVIT: I hereby certify that all the foregoing inform compliance with all applicable laws and regulating construction a	nation is accurate and all work will be done in
WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTELENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF	OF COMMENCMENT MAY RESULT IN YOU PAYING ND TO OBTAIN FINANCING, CONSULT WITH YOUR
Owner Builder or Agent (Including Contractor)	Contractor Simust
	Contractor Signature Contractors License Number
STATE OF FLORIDA COUNTY OF COLUMBIA	Competency Card Number
Sworn to (or affirmed) and subscribed before me	NOTARY STAMP/SEAL
this day of 20	
Personally known or Produced Identification	
	Notary Signature

CAM210N01 CamaUSA Appraisal System 5/11/2004 8:48 History Maintenance T Property Year Rev Sel R 35-3S-17-07303-004 1999 0	Columbia County Mnt 0/00/0000
Own SIMMONS JAMES         USE         0.09900         NO AG ACREZATION           Land         Appraisal         Assessment         APPRAISE         5010 B           AG land         0         0         ASSESSED         5010           Mkt AG         0         0         Ex Codes           Building         0         0         Ex Codes	AGE Land UT 1 Units 3.34 Acres 3.34 Asmts:
TaxDist 002       Jurisdiction/Amount 01       Jurisdiction/Amount 02       Jurisdiction/Amount 02       Jurisdiction/Amount 02       Jurisdiction/Amount 02       CO       43.72       03         PA Pen 00       04       DIS       13.83       05       00       06       06       06       06       06       06       06       12       08       98       90       07       W       2.46       08       II       10       00       11       00       12       00       12       00       12       00       12       00       15         18       18       00       14       00       15         18       00       14       00       15         18       00       14       00       15	30.68 0.00 0.C 0.00
E&I Number Date 0/00/0000 By RC Descrip F1=Task F3=Exit F4=Prompt F10=GoTo PGUP/PGDN F24=MoreKeys	

CAM210M01 CamaUSA Appraisal System 5/11/2004 8:47 <b>History Maintenance</b> T Property Year Rev Sel R 35-3S-17-07303-004 1998 0	IMP	Columbia County Mnt 8/25/1998 JERR
Own SIMMONS JAMES USE 0,000,100 s  Appraisal Assessment APPRAISE	INGLE FAM , 11,0,6,4, B, 11064 0 11064	Land UT 1 Units 3.34
TaxDist       002       Jurisdiction/Amount       Jurisdiction/Amount       Jurisdiction/Amount         Taxes       221.09       01.       .00       02.       .00         PA Pen       .00       04.       DIS       .30.54       05.         TotalDue       221.09       07.       W       .5.44       08.       L         Final?       Y       10.       .00       11.         Asmnt#       1,82,88,00       13.       .00       14.         16.       .00       17.	96.54 0 00 0 . 16.60 0	3. LRE 70.44 6. 00 9. C 1.53
E&I Number Date 0/00/000 By RC Descrip F1=Task F3=Exit F4=Prompt F10=GoTo PGUP/PGDN F24	4=MoreKey	s

•





### STATE OF FLORIDA DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 04-0638N

--- PART II - SITE PLAN --

Scale: Each block represents 5 feet and 1 inch = 50 feet. 430 Kinston Notes: Site Plan submitted by: Signature Plan Approved Not Approved County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

Year T Property	CamaUSA Appraisal 2 Legal Description 0,7,3,0,3,-0,0,4,	Maintenance Sel	5010 5010	lumbia Land AG Bldg Xfea TOTAL	County 001 000 000 000
3 E ALONG R/W 5 210 FT, N 10 7 FT, E 210 FT 9 FT, W 105 FT 11 797-1768, 80 13 15 17 19 21 23 25	345 FT, N 41.01 FT 05 FT, E 79.09 FT, r, N 60 FT, NE r, S 209.57 FT, W 09-1473, 854-639,	N 184.69 FT, W 210 FT 97.33 FT, E 175.44 FT 128.75 FT TO POB. ORB 900-2658,	99 FT, W , N 29.2 , S 373 797-176	4 8 8 6 10 12 14 16 18 20 22 24 26 28	

### FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Whole Building Performance Method A

Address: City, State: Owner: James Sim	imons Residence	Builder: Ja Permitting Office: Colu Permit Number: 222 Jurisdiction Number: 23	211
Climate Zone: North			
<ol> <li>New construction or existing</li> <li>Single family or multi-family</li> <li>Number of units, if multi-family</li> <li>Number of Bedrooms</li> <li>Is this a worst case?</li> <li>Conditioned floor area (ft²)</li> <li>Glass area &amp; type         <ul> <li>Clear glass, default U-factor</li> <li>Default tint</li> <li>Labeled U or SHGC</li> </ul> </li> <li>Floor types         <ul> <li>Slab-On-Grade Edge Insulation</li> <li>N/A</li> <li>N/A</li> </ul> </li> <li>Wall types         <ul> <li>Frame, Wood, Exterior</li> <li>Frame, Wood, Adjacent</li> <li>N/A</li> <li>N/A</li> </ul> </li> <li>Ceiling types         <ul> <li>Under Attic</li> <li>N/A</li> </ul> </li> <li>N/A</li> <li>N/A</li> <li>N/A</li> <li>N/A</li> <li>N/A</li> <li>Sup: Unc. Ret: Unc. AH: Interior</li> <li>N/A</li> </ol>	New Single family	12. Cooling systems a. Central Unit b. N/A c. N/A  13. Heating systems a. Electric Heat Pump b. N/A c. N/A  14. Hot water systems a. Electric Resistance b. N/A  c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)  15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	Cap: 30.0 kBtu/hr SEER: 10.00
Glass/Floor Area	a: 0.08 Total as-built p Total base p	points: 28541 PASS	0 B

I hereby certify that the plans and specifications covered Review of the plans and by this calculation are in compliance with the Florida specifications covered by this Energy Code. calculation indicates compliance with the Florida Energy Code. PREPARED BY: William H. Freeman Before construction is completed DATE: 6/25/04 this building will be inspected for compliance with Section 553.908 I hereby certify that this building, as designed, is in Florida Statutes. compliance with the Florida Energy Code. OWNER/AGENT: BUILDING OFFICIAL: DATE: DATE:

### **SUMMER CALCULATIONS**

### Residential Whole Building Performance Method A - Details

	BASE					AS-	BUI	LT				
GLASS TYPES .18 X Condition Floor Ar		SPM =	Points	Type/SC	Ove Ornt	erhang Len		Area X	SPI	их	SOF	= Points
.18 2164.	0	20.04	7806.0	Double, Clear	Е	2.0	2.0	8.0	42.0	)6	0.52	174.3
.10 2104.	.0	20.04	7 800.0	Double, Clear	E	2.0	6.0	10.0	42.0		0.85	356.7
				Double, Clear	Е	2.0	6.0	45.0	42.0	06	0.85	1605.2
				Double, Clear	s	2.0	2.0	4.0	35.8	37	0.52	74.7
				Double, Clear	W	2.0	9.0	60.0	38.5	52	0.93	2157.1
				Double, Clear	W	2.0	2.0	5.0	38.5	52	0.53	102.2
				Double, Clear	W	2.0	6.0	25.0	38.5	52	0.85	818.1
				Double, Clear	N	2.0	2.0	4.0	19.2	20	0.71	54.6
				Double, Clear	N	2.0	6.0	15.0	19.2	20	0.90	259.2
	*			As-Built Total:				176.0				5602.0
WALL TYPES	Area X	вѕрм	= Points	Туре		R-	Value	Area	х	SPM	=	Points
Adjacent	304.0	0.70	212.8	Frame, Wood, Exterior			13.0	1296.0		1.50		1944.0
Exterior	1566.0	1.70	2662.2	Frame, Wood, Exterior			13.0	270.0		1.50		405.0
				Frame, Wood, Adjacent			13.0	304.0		0.60		182.4
Base Total:	1870.0		2875.0	As-Built Total:				1870.0				2531.4
DOOR TYPES	Area X	BSPM	= Points	Туре				Area	х	SPM	=	Points
Adjacent	17.8	2.40	42.7	Exterior Insulated				17.8		4.10		72.9
Exterior	91.1	6.10	555.9	Exterior Insulated				40.0		4.10		164.0
3 43 400 10.023 10.			-50,000	Exterior Insulated				33.3		4.10		136.7
				Adjacent Insulated				17.8		1.60		28.4
Base Total:	108.9		598.6	As-Built Total:				108.9				402.1
CEILING TYPES	S Area X	BSPM	= Points	Туре	ı	R-Valu	ie A	Area X S	SPM	x sc	M =	Points
Under Attic	2164.0	1.73	3743.7	Under Attic			30.0	2164.0	1.73	X 1.00		3743.7
Base Total:	2164.0		3743.7	As-Built Total:				2164.0				3743.7
FLOOR TYPES	Area X	BSPM	= Points	Туре		R-1	Value	Area	Х	SPM	=	Points
Slab Raised	194.0(p) 0.0	-37.0 0.00	-7178.0 0.0	Slab-On-Grade Edge Insulat	tion		0.0	194.0(p	25	-41.20		-7992.8
Base Total:			-7178.0	As-Built Total:				194.0		·		-7992.8
INFILTRATION	Area X	BSPM	= Points					Area	Х	SPM	=	Points
	2164.0	10.21	22094.4					2164.0	0	10.21		22094.4

### **SUMMER CALCULATIONS**

### Residential Whole Building Performance Method A - Details

ADDRESS:,,,	PERMIT #:

					AS-E	BU	JILT							
Summer Bas	se P	oints:		29939.7	Summer	As	-Built	Po	oints:				20	6380.8
Total Summer X System = Cooling Points Multiplier Points				Total Component	X	Cap Ratio		Duct Duct Duct Duct Duct Duct Duct Duct		System Multiplier	Credit Multiplier	=	Cooling Points	
29939.7	0	.4266	1	2772.3	26380.8 <b>26380.8</b>	0	1.000 <b>1.00</b>	(1.0	090 x 1.147 x 0	0.91	0.341 0.341	1.000 <b>1.000</b>		10243.7 <b>0243.7</b>

### **WINTER CALCULATIONS**

### Residential Whole Building Performance Method A - Details

ADDRESS:,,,
PERMIT #:

	BASE					AS-	BUI	LT					
GLASS TYPES													
.18 X Condition		WPM =	Points	Type/SC	Ornt	erhang Len		Area X	۱۸/	DN	v	MOE	= Point
Floor Ar	-3.19249.11				\$752,000,00								
.18 2164.	0	12.74	4962.5	Double, Clear	E E	2.0	2.0 6.0	8.0 10.0		1.79 1.79		1.29 1.06	193.3 199.3
				Double, Clear Double, Clear	E	2.0	6.0	45.0		.79		1.06	896.9
				Double, Clear	S	2.0	2.0	4.0		.30		2.73	145.3
				Double, Clear	W	2.0	9.0	60.0	20	.73		1.02	1266.1
				Double, Clear	W	2.0	2.0	5.0	20	.73		1.17	120.9
				Double, Clear	W	2.0	6.0	25.0	20	.73		1.04	540.3
				Double, Clear	N	2.0	2.0	4.0		.58		1.02	100.1
				Double, Clear	N	2.0	6.0	15.0	24	.58		1.00	370.4
				As-Built Total:				176.0					3832.6
WALL TYPES	Area X	BWPM	= Points	Туре		R-	√alue	Area	Х	WF	PM	=	Points
Adjacent	304.0	3.60	1094.4	Frame, Wood, Exterior			13.0	1296.0	7	3.4	40		4406.4
Exterior	1566.0	3.70	5794.2	Frame, Wood, Exterior			13.0	270.0		3.4	40		918.0
				Frame, Wood, Adjacent			13.0	304.0		3.3	30		1003.2
Base Total:	1870.0		6888.6	As-Built Total:				1870.0					6327.6
DOOR TYPES	Area X	BWPM	= Points	Туре				Area	Χ	WF	PM	=	Points
Adjacent	17.8	11.50	204.5	Exterior Insulated				17.8		8.4	40		149.4
Exterior	91.1	12.30	1120,9	Exterior Insulated				40.0		8.4			336.0
				Exterior Insulated				33.3		8.4			280.1
				Adjacent Insulated				17.8		8.0	00		142.2
Base Total:	108.9		1325.4	As-Built Total:				108.9					907.7
CEILING TYPES	SArea X	BWPM	= Points	Туре	R	-Value	Ar	ea X W	PM	χV	VCI	VI =	Points
Under Attic	2164.0	2.05	4436.2	Under Attic			30.0	2164.0	2.05	X 1.0	00		4436.2
Base Total:	2164.0		4436.2	As-Built Total:				2164.0					4436.2
FLOOR TYPES	Area X	BWPM	= Points	Туре		R-1	√alue	Area	Х	WF	PM	=	Points
Slab	194.0(p)	8.9	1726.6	Slab-On-Grade Edge Insulati	on		0.0	194.0(p		18.8	30		3647.2
Raised	0.0	0.00	0.0										
Base Total:			1726.6	As-Built Total:				194.0					3647.2
INFILTRATION	Area X	BWPM	= Points					Area	х	WF	PM	=	Points
	2164.0	-0.59	-1276.8					2164.	0	-0	.59		-1276.8

### WINTER CALCULATIONS

### Residential Whole Building Performance Method A - Details

ADDRESS:,,,	PERMIT #:

BASE			AS-BUILT										
Winter Base	Points:	18062.5	Winter As	-B	uilt P	oin	nts:					1	7874.6
Total Winter > Points	System = Multiplier	Heating Points	Total Component	X	Cap Ratio		Duct Multiplie		Multiplier		Credit Multiplier	=	Heating Points
18062.5	0.6274	11332.4	17874.6 <b>17874.6</b>		1.000 <b>1.00</b>	(1.0	069 x 1.169 1.162		0.501 0.501		1.000 <b>1.000</b>		10417.3 <b>0417.3</b>

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

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,	PERMIT #:

BASE				AS-BUILT								
WATER HEA Number of Bedrooms	X	Multiplier	=	Total	Tank Volume	EF	Number of Bedrooms	x	Tank X Ratio	Multiplier X	Credit Multipli	
3		2746.00		8238.0	50.0	0.92	3		1.00	2626.61	1.00	7879.8
					As-Built To	tal:						7879.8

	CODE COMPLIANCE STATUS												
BASE					AS-BUILT								
Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points
12772		11332		8238		32343	10244		10417		7880		28541

**PASS** 



### **Code Compliance Checklist**

### Residential Whole Building Performance Method A - Details

ADDRESS:,,,	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 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.	

### ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

### ESTIMATED ENERGY PERFORMANCE SCORE\* = 84.6

The higher the score, the more efficient the home.

### James Simmons, , , ,

1.	New construction or existing Single family or multi-family		New Single family	-	12. Cooling systems a. Central Unit	Cap: 30.0 kBtu/hr	
2.	] T. J. D. S.		Single lannly	_	a. Central Olit	SEER: 10.00	_
3.	Number of units, if multi-family		1	_	b. N/A	SEEK. 10.00	_
4.	Number of Bedrooms		3		b. N/A		-
5.	Is this a worst case?		Yes	_	- 37/4		-
6.	Conditioned floor area (ft²)		2164 ft²		c. N/A		_
7.	Glass area & type	Single Pane	Double Pane	_	12 11		-
	Clear - single pane	$0.0~\mathrm{ft}^2$	176.0 ft <sup>2</sup>	_	13. Heating systems	C 20.01D: 1	
	Clear - double pane	0.0 ft <sup>2</sup>	0.0 ft <sup>2</sup>	_	a. Electric Heat Pump	Cap: 30.0 kBtu/hr	_
	Tint/other SHGC - single pane	0.0 ft <sup>2</sup>	0.0 ft <sup>2</sup>	_	* ************************************	HSPF: 6.80	_
	Tint/other SHGC - double pane				b. N/A		-
8.	Floor types			_	520		_
	Slab-On-Grade Edge Insulation	R=0	0.0, 194.0(p) ft	_	c. N/A		-
	N/A			_			_
1200	N/A				14. Hot water systems		
9.	Wall types			_	a. Electric Resistance	Cap: 50.0 gallons	_
a.	Frame, Wood, Exterior		3.0, 1296.0 ft <sup>2</sup>	_		EF: 0.92	_
b.	Frame, Wood, Exterior	R=	13.0, 270.0 ft <sup>2</sup>	_	b. N/A		_
c.	Frame, Wood, Adjacent	R=	13.0, 304.0 ft <sup>2</sup>	-			_
d.	N/A			_	c. Conservation credits		_
e.	N/A				(HR-Heat recovery, Solar		
10.	Ceiling types			-	DHP-Dedicated heat pump)		
a.	Under Attic	R=3	0.0, 2164.0 ft <sup>2</sup>		15. HVAC credits		
b.	N/A			_	(CF-Ceiling fan, CV-Cross ventilation,		
c.	N/A				HF-Whole house fan,		
11.	Ducts				PT-Programmable Thermostat,		
a.	Sup: Unc. Ret: Unc. AH: Interior	Sup.	R=6.0, 61.0 ft		MZ-C-Multizone cooling,		
b.	N/A	10 mars = 10			MZ-H-Multizone heating)		

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 <u>not</u> a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStd<sup>M</sup> designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction,

contact the Department of Community Affairm & Community Affairm & Community Affairm & Community & Comm

### **Residential System Sizing Calculation**

Summary Project Title:

**James Simmons** 

Project Title: James Simmons Residence Code Only Professional Version Climate: North

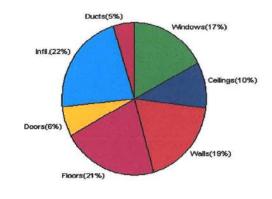
6/25/2004

				0/23/2004	
Location for weather data: Gainest Humidity data: Interior RH (50%)			tude(29) Temp Range(M) 77F) Humidity difference(51gr.)		
Winter design temperature	31	F	Summer design temperature	93	F
Winter setpoint	70	F	Summer setpoint	75	F
Winter temperature difference	39	F	Summer temperature difference	18	F
Total heating load calculation	28670	Btuh	Total cooling load calculation	24206	Btuh
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	104.6	30000	Sensible (SHR = 0.5)	81.3	15000
Heat Pump + Auxiliary(0.0kW)	104.6	30000	Latent	260.1	15000
			Total (Electric Heat Pump)	123.9	30000

### WINTER CALCULATIONS

Winter Heating Load (for 2164 sqft)

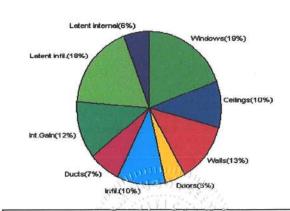
Load component			Load	
Window total	176	sqft	4981	Btuh
Wall total	1870	sqft	5341	Btuh
Door total	109	sqft	1838	Btuh
Ceiling total	2164	sqft	2813	Btuh
Floor total	194	ft	6130	Btuh
Infiltration	145	cfm	6201	Btuh
Subtotal			27304	Btuh
Duct loss			1365	Btuh
TOTAL HEAT LOSS			28670	Btuh



### **SUMMER CALCULATIONS**

Summer Cooling Load (for 2164 sqft)

Load component			Load	
Window total	176	sqft	4690	Btuh
Wall total	1870	sqft	3041	Btuh
Door total	109	sqft	1104	Btuh
Ceiling total	2164	sqft	2424	Btuh
Floor total			0	Btuh
Infiltration	126	cfm	2504	Btuh
Internal gain		1	3000	Btuh
Subtotal(sensible)			16763	Btuh
Duct gain			1676	Btuh
Total sensible gain			18440	Btuh
Latent gain(infiltration)		- 1	4387	Btuh
Latent gain(internal)			1380	Btuh
Total latent gain			5767	Btuh
<b>TOTAL HEAT GAIN</b>			24206	Btuh



PREPARED BY: Color of String based on ACCA Manual J. PREPARED BY: Color of String bat

EnergyGauge® FLRCPB v3.30

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

### Residential Load - Component Details

**James Simmons** 

Project Title: James Simmons Residence

Code Only Professional Version Climate: North

Reference City: Gainesville (Defaults) Winter Temperature Difference: 39.0 F

6/25/2004

Window	Panes/SHGC/Frame/U	Orientation	n Area X	HTM=	Load
1	2, Clear, Metal, DEF	N	8.0	28.3	226 Btuh
2	2, Clear, Metal, DEF	N	10.0	28.3	283 Btuh
3	2, Clear, Metal, DEF	N	45.0	28.3	1274 Btuh
4	2, Clear, Metal, DEF	E	4.0	28.3	113 Btuh
5	2, Clear, Metal, DEF	S	60.0	28.3	1698 Btuh
6	2, Clear, Metal, DEF	S	5.0	28.3	142 Btuh
7	2, Clear, Metal, DEF	S	25.0	28.3	708 Btuh
8	2, Clear, Metal, DEF	W	4.0	28.3	113 Btuh
9	2, Clear, Metal, DEF	W	15.0	28.3	424 Btuh
	Window Total		176		4981 Btuh
Walls	Туре	R-Value	Area X	HTM=	Load
1	Frame - Exterior	13.0	1296	3.1	4018 Btuh
2	Frame - Exterior	13.0	270	3.1	837 Btuh
3	Frame - Adjacent	13.0	304	1.6	486 Btuh
	Wall Total		1870		5341 Btuh
Doors	Туре		Area X	HTM=	Load
1	Insulated - Exter		18	18.3	326 Btuh
	Insulated - Exter		40	18.3	733 Btuh
2 3 4	Insulated - Exter		33	18.3	611 Btuh
4	Insulated - Adjac		18	9.4	167 Btuh
	Door Total		109		1838Btuh
Ceilings	Туре	R-Value	Area X	HTM=	Load
1	Under Attic	30.0	2164	1.3	2813 Btuh
	Ceiling Total		2164		2813Btuh
Floors	Туре	R-Value	Size X	HTM=	Load
1	Slab-On-Grade Edge Insul	0	194.0 ft(p)	31.6	6130 Btuh
	Floor Total		194		6130 Btuh
Infiltration	Туре	ACH X	Building Volume	CFM=	Load
	Natural	0.40	21640(sqft)	145	6201 Btuh
	Mechanical			0	0 Btuh
	Infiltration Total			145	6201 Btuh

	Subtotal	27304 Btuh
Totals for Heating	Duct Loss(using duct multiplier of 0.05)	1365 Btuh
	Total Btuh Loss	28670 Btuh

### **Manual J Winter Calculations**

Residential Load - Component Details (continued)
Project Title: Cod

**James Simmons** 

Project Title: James Simmons Residence Code Only Professional Version Climate: North

6/25/2004

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 )

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

### Residential Load - Component Details Project Title:

**James Simmons** 

Project Title: James Simmons Residence Code Only Professional Version

Climate: North

Reference City: Gainesville (Defaults)

Summer Temperature Difference: 18.0 F

6/25/2004

	Туре	Ove	rhang	Window Area(sqft)		HTM		Load		
Window	Panes/SHGC/U/InSh/ExSh Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2, Clear, DEF, N, N N	2	2	8.0	0.0	8.0	22	22	176	Btuh
2	2, Clear, DEF, N, N N	2	6	10.0	0.0	10.0	22	22	220	Btuh
3	2, Clear, DEF, N, N N	2	6	45.0	0.0	45.0	22	22	990	Btuh
4	2, Clear, DEF, N, N E	2	2	4.0	3.3	0.7	22	72	122	Btuh
5	2, Clear, DEF, N, N S	2	9	60.0	60.0	0.0	22	37	1320	Btuh
6	2, Clear, DEF, N, N S	2	2	5.0	5.0	0.0	22	37	110	Btuh
7	2, Clear, DEF, N, N S	2	6	25.0	25.0	0.0	22	37	550	Btuh
8	2, Clear, DEF, N, N W	2	2	4.0	3.3	0.7	22	72	122	Btuh
9	2, Clear, DEF, N, N W	2	6	15.0	0.0	15.0	22	72	1080	Btuh
	Window Total			176					4690	Btuh
Walls	Туре	R	-Value		-	Area		HTM	Load	
1	Frame - Exterior		13.0		1	296.0		1.7	2255	Btuh
2	Frame - Exterior		13.0			270.0		1.7	470	Btuh
3	Frame - Adjacent		13.0		3	304.0		1.0	316	Btuh
	Wall Total				18	870.0			3041	Btuh
Doors	Type				1	Area		HTM	Load	
1	Insulated - Exter					17.8		10.1	180	Btuh
2	Insulated - Exter					40.0		10.1	406	Btuh
3	Insulated - Exter					33.4		10.1	338	Btuh
4	Insulated - Adjac					17.8		10.1	180	Btuh
	Door Total				1	08.9			1104	Btuh
Ceilings	Type/Color	R-	Value		/	Area		HTM	Load	
1	Under Attic/Light		30.0		2	164.0		1.1	2424	Btuh
	Ceiling Total					164.0			2424	Btuh
Floors	Туре	R-	Value			Size		HTM	Load	
1	Slab-On-Grade Edge Insulation		0.0		•	194.0 ft(p)		0.0	0	Btuh
	Floor Total					94.0			0	Btuh
Infiltration	Туре	-	ACH		Vo	lume		CFM=	Load	
	Natural		0.35		2	21640		126.5	2504	Btuh
	Mechanical							0	0	Btuh
	Infiltration Total	- 10						126	2504	Btuh

Internal	Occupants	Btuh/occupant	Appliance	Load
gain	6	X 300 +	1200	3000 Btuh

### **Manual J Summer Calculations**

### Residential Load - Component Details (continued) Project Title:

**James Simmons** 

James Simmons Residence

Code Only **Professional Version** Climate: North

6/25/2004

	Subtotal	16763	Btuh
	Duct gain(using duct multiplier of 0.10)	1676	Btuh
	Total sensible gain	18440	Btuh
<b>Totals for Cooling</b>	Latent infiltration gain (for 51 gr. humidity difference)	4387	Btuh
	Latent occupant gain (6 people @ 230 Btuh per person)	1380	Btuh
	Latent other gain	0	Btuh
	TOTAL GAIN	24206	Btuh

Key: Window types (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/Daperies(B) or Roller Shades(R))
(ExSh - Exterior shading device: none(N) or numerical value)

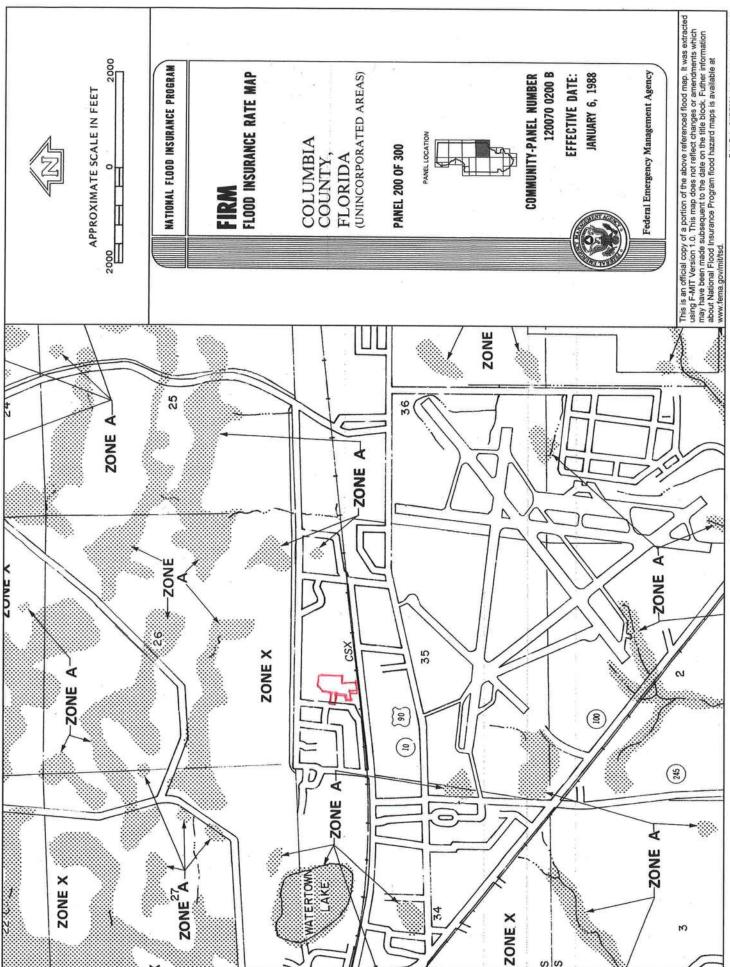
(Ornt - compass orientation)

### 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 R07303-004-35-35-17 1. Description of property: (legal description of the property and street address or 911 address) 2. General description of improvement: New Construction, Single Family 3. Owner Name & Address James Simmons P.O. Interest in Property Owner, 4. Name & Address of Fee Simple Owner (if other than owner): \_\_\_\_\_\_ 5. Contractor Name OWNER Builde Phone Number Same AC ABOV 6. Surety Holders Name Address Amount of Bond \_\_\_\_\_ 7. Lender Name Phone Number Phone Number Address 8. Persons within the State of Florida designated by the served as provided by section 718.13 (1)(a) 7; Florida (Inst: 2004019067 Date: 08/18/2004 Time: 13:59 DC,P. DeWitt Cason, Columbia County B: 1023 P:2399 Address 9. In addition to himself/herself the owner designates \_\_\_\_\_\_ 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 <u>1014</u>, 200 NOTARY STAMP/SEAL Signature of Owner

Signature of Notary



Print Date: 8/17/2004 (printed at scale and type A)

### DISCLUSURE 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 license. You must provide direct, onsite supervision of the construction yourself. You may bui or improve a one-family or two-family residence or a farm outbuilding. You may also build o 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 improv for sale or lease. If you sell or lease a building you have built or substantially improved yours 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 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, build codes, and zoning regulations.

	YPE OF CONSTRUCTION
(≯) Single Family Dwelling	( ) Two-Family Residence
( ) Farm Outbuilding	( ) Other
NEW CON	STRUCTION OR IMPROVEMENT
(*/) New Construction ( ) Ac	ddition, Alteration, Modification or other Improvement
exemption from contractor licensing	, have been advised of the above disclosure statement for ag as an owner/builder. I agree to comply with all da Statutes ss.489.103(7) allowing this exception for the
construction permitted by Columbia	ia County Building Permit Number 222/100
Signature	Date

### FOR BUILDING USE ONLY

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

Date 07-0004 Building Official/Representative Charge Stutter

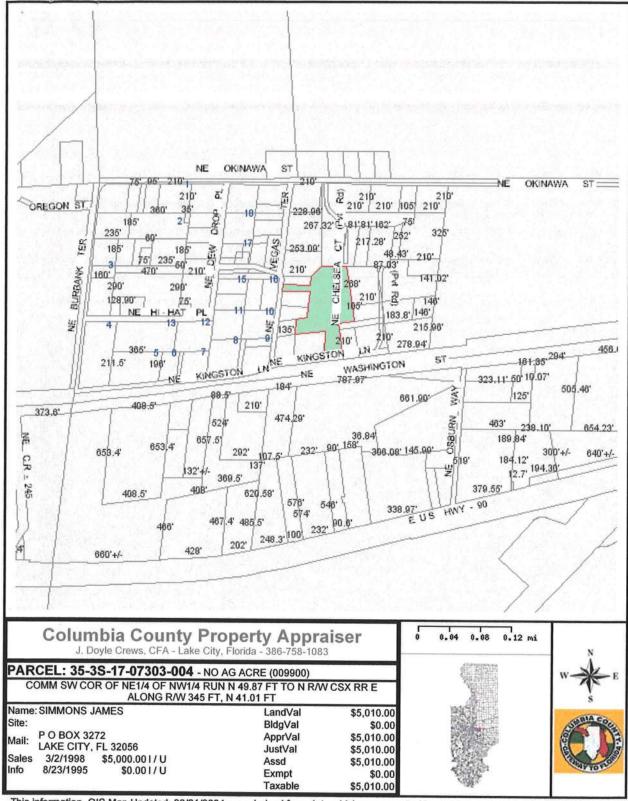
### **COLUMBIA COUNTY 9-1-1 ADDRESSING**

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: July 6, 2004
ENHANCED 9-1-1 ADDRESS:
201 NE VEGAS TER (LAKE CITY, FL 32055)
Addressed Location 911 Phone Number: NOT AVAIL.
OCCUPANT NAME: NOT AVAIL.
OCCUPANT CURRENT MAILING ADDRESS:
PROPERTY APPRAISER MAP SHEET NUMBER: 151
PROPERTY APPRAISER PARCEL NUMBER: 35-3S-17-07303-004
Other Contact Phone Number (If any):
Building Permit Number (If known):
Remarks:
Address Issued By:
Columbia County 9-1-1 Addressing Department



This information, GIS Map Updated: 06/21/2004, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

### **Certificate of Compliance for Termite Protection**

(As required by Florida Building Code (FBC) 1816.1.7)



22211

17856 U.S. 129 McALPIN, FLORIDA 32062 (386) 362-3887 1-800-771-3887 Fax: (386) 364-3529

James Simmons 163rd Terrace Lake City, FL 32055

Tolwell

Address of Treatment or Lot/Block of Treatment

soil barrier spray

Method of Termite Prevention Treatment - soil barrier, wood treatment, bait system, other (describe)

The building has received a complete treatment for the prevention of subterranean termites. The treatment is in accordance with rules and laws established by the Florida Department of Agriculture and Consumer Services.

Authorized Signature



# OGGUPANG

## **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 35-3S-17-07303-004

Building permit No. 000022211

Use Classification SFD, UTILTIY

Fire:

59.20

Permit Holder OWNER BUILDER

Owner of Building JAMES SIMMONS

Waste: 122.50

129/05

Location: 201 NE VEGAS TERRACE

Date: 12/21/2005

Total: 181.70

**Building Inspector** 

POST IN A CONSPICUOUS PLACE (Business Places Only)

### Notice of Prevention for Subterranean Termites (As required by Florida Building Code (FBC) 104.2.6)



DI NE UPCASTEC LARGE

Address of Treatment or Lot/Block of Treatment

, VI4

074

Applicator

Number of gallons applied

Percent Concentration Are

Product Used

Area treated (square feet)

Linear feet treated

Stage of treatment (Horizontal, Vertical, Adjoining Slab, retreat of disturbed area)

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

If this notice is for the final exterior treatment initial and date this line