

DATE 05/27/2005

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000023205

APPLICANT PHILIP MILLS PHONE 755.4221  
ADDRESS 20250 SW 182ND AVENUE MIAMI FL 33187  
OWNER PHILIP & HILDRED MILLS PHONE 755.4221  
ADDRESS 285 SW HAMMOCK HILL CR LAKE CITY FL 32024  
CONTRACTOR PHILIP MILLS PHONE 755.4221

LOCATION OF PROPERTY 441-S TO PINE OAK HAMMOCK,TR GO TO 1ST. INTERSECTION @ SW  
HAMMOCK HILL DR NORTH,TR, 1ST. M/H ON R IS PROPERTY.

TYPE DEVELOPMENT SFD & UTILITY ESTIMATED COST OF CONSTRUCTION 85850.00  
HEATED FLOOR AREA 1717.00 TOTAL AREA 2980.00 HEIGHT 18.00 STORIES 1  
FOUNDATION CONC WALLS BLK/FRAMED ROOF PITCH 5'12 FLOOR CONC  
LAND USE & ZONING A-3 MAX. HEIGHT 35  
Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00  
NO. EX.D.U. 1 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 22-6S-17-09736-108 SUBDIVISION PINE OAK HAMMOCK  
LOT 8 BLOCK PHASE UNIT TOTAL ACRES 4.00

Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor  
EXISTING 05-0486-N BLK N  
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: M/H WILL BE MOVED OFF, ONCE SFD IS COMPLETE BEFOE C.O. IS ISSUED  
1 FOOT ABOVE ROAD.

Check # or Cash 3015

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 \$ 430.00 CERTIFICATION FEE \$ 14.90 SURCHARGE FEE \$ 14.90  
MISC. FEES \$ .00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ WASTE FEE \$  
FLOOD ZONE DEVELOPMENT FEE \$ CULVERT FEE \$ TOTAL FEE 509.80  
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 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.



For Office Use Only Application # 0504-96 Date Received 4/29/05 By JW Permit # 23205  
Application Approved by - Zoning Official BLK Date 17.05.05 Plans Examiner OK JTH Date 5-13-05  
Flood Zone X Development Permit NA Zoning A-3 Land Use Plan Map Category A-3  
Comments Not needed. Elected to be issued  
m/h will be moved off, once SFD is complete. Before CO is issued  
TALK TO WIFE 5-13-05

Applicants Name Philip & Hildred Mills Phone 755-4221  
Address 20250 SW 182nd Avenue, Miami FL 33187 305-232-1689  
Owners Name SAME Phone \_\_\_\_\_  
911 Address 285 SW HAMMOCK HILL CIRCLE, LAKE CITY, FL 32024  
Contractors Name SAME Phone \_\_\_\_\_  
Address \_\_\_\_\_  
Fee Simple Owner Name & Address \_\_\_\_\_  
Bonding Co. Name & Address \_\_\_\_\_  
Architect/Engineer Name & Address William FREEMAN DESIGN  
Mortgage Lenders Name & Address NONE  
Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy  
Property ID Number 22-65-17-09736-108 Estimated Cost of Construction 80,000.  
Subdivision Name PINE OAK HAMMOCK Lot 8 Block \_\_\_\_\_ Unit \_\_\_\_\_ Phase \_\_\_\_\_  
Driving Directions 441-S TO PINE OAK HAMMOCK, TR GO TO FIRST INTERSECTION  
SW HAMMOCK HILL DEPT. TR. 1ST. LN ON THE RIGHT.  
Type of Construction CEMENT BLOCK- STD Number of Existing Dwellings on Property (\*)  
Total Acreage 4.00 Lot Size \_\_\_\_\_ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive  
Actual Distance of Structure from Property Lines - Front 150' Side 45' Side 150' Rear 300'  
Total Building Height 18' Number of Stories 1 Heated Floor Area 1717 Roof Pitch 5/12

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.

Philip Mills  
Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA  
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me  
this 29th day of APRIL 2005.  
Personally known me or Produced Identification DL

Philip Mills  
Contractor Signature  
Contractors License Number \_\_\_\_\_  
Competency Card Number \_\_\_\_\_  
  
Gale Tedder  
Notary Signature







depth of the stud in nonload-bearing partitions supporting no loads other than the weight of the partition.

**302.3.1 Bored holes.** The diameter of a bored hole shall not exceed 40 percent of the stud depth.

**Exceptions:**

1. In nonload-bearing partitions, the diameter of bored holes shall not exceed 60 percent of the depth of the stud.
2. Where each stud that is bored is doubled and not more than two adjacent double studs are bored, the diameter of bored holes shall not exceed 60 percent of the depth of the stud.

**302.3.1.1 Location.** The edge of the bored hole shall not be nearer than  $\frac{5}{8}$  inch (15.9 mm) to the edge of the stud. Bored holes shall not be located at the same section of stud as a cut or notch.

### SECTION 303 EQUIPMENT AND APPLIANCE LOCATION

**303.1 General.** Equipment and appliances shall be located as required by this section, specific requirements elsewhere in this code and the conditions of the equipment and appliance listing.

**303.2 Hazardous locations.** Appliances shall not be located in a hazardous location unless listed and approved for the specific installation.

**303.3 Prohibited locations.** Fuel-fired appliances shall not be located in, or obtain combustion air from, any of the following rooms or spaces:

1. Sleeping rooms.
2. Bathrooms.
3. Toilet rooms.
4. Storage closets.
5. Surgical rooms.

**Exception:** This section shall not apply to the following appliances:

1. Direct-vent appliances that obtain all combustion air directly from the outdoors.
2. Solid fuel-fired appliances and fireplaces, provided that the room is not a confined space and the building is not of unusually tight construction.
3. Appliances installed in a dedicated enclosure in which all combustion air is taken directly from the outdoors, in accordance with Section 703 or 704. Access to such enclosure shall be through a solid door, weather-stripped in accordance with the exterior door air leakage requirements of the energy code and equipped with an approved self-closing device.

**303.4 Protection from damage.** Appliances shall not be installed in a location where subject to mechanical damage unless protected by approved barriers.

**303.5 Indoor locations.** Fuel-fired furnaces and boilers installed in closets and alcoves shall be listed for such installation. For purposes of this section, a closet or alcove shall be defined as a room or space having a volume not less than 12 times the total volume of fuel-fired appliances other than boilers and not less than 16 times the total volume of boilers. Room volume shall be computed using the gross floor area and the actual ceiling height up to a maximum computation height of 8 feet (2438 mm).

**303.6 Outdoor locations.** Appliances installed in other than indoor locations shall be listed and labeled for outdoor installation.

**303.7 Pit locations.** Appliances installed in pits or excavations shall not come in direct contact with the surrounding soil. The sides of the pit or excavation shall be held back a minimum of 12 inches (305 mm) from the appliance. Where the depth exceeds 12 inches (305 mm) below adjoining grade, the walls of the pit or excavation shall be lined with concrete or masonry. Such concrete or masonry shall extend a minimum of 4 inches (102 mm) above adjoining grade and shall have sufficient lateral load-bearing capacity to resist collapse. The appliance shall be protected from flooding in an approved manner.

### SECTION 304 INSTALLATION

**304.1 General.** Equipment and appliances shall be installed as required by the terms of their approval. Equipment and appliances shall be installed in accordance with the conditions of listing and the manufacturer's installation instructions and this code. Manufacturer's installation instructions shall be available on the job site at the time of inspection.

**304.2 Elevation of ignition source.** Equipment and appliances having an ignition source shall be elevated such that the source of ignition is not less than 18 inches (457 mm) above the floor in hazardous locations and public garages, private garages, repair garages, automotive service stations and parking garages. Such equipment and appliances shall not be installed in Use Group H occupancies or control areas where open use, handling or dispensing of combustible, flammable or explosive materials occurs.

**304.3 Public garages.** Appliances located in public garages, service stations, repair garages or other areas frequented by motor vehicles, shall be installed a minimum of 8 feet (2438 mm) above the floor. Where motor vehicles exceed 6 feet (1829 mm) in height and are capable of passing under an





STATE OF FLORIDA  
DEPARTMENT OF HEALTH

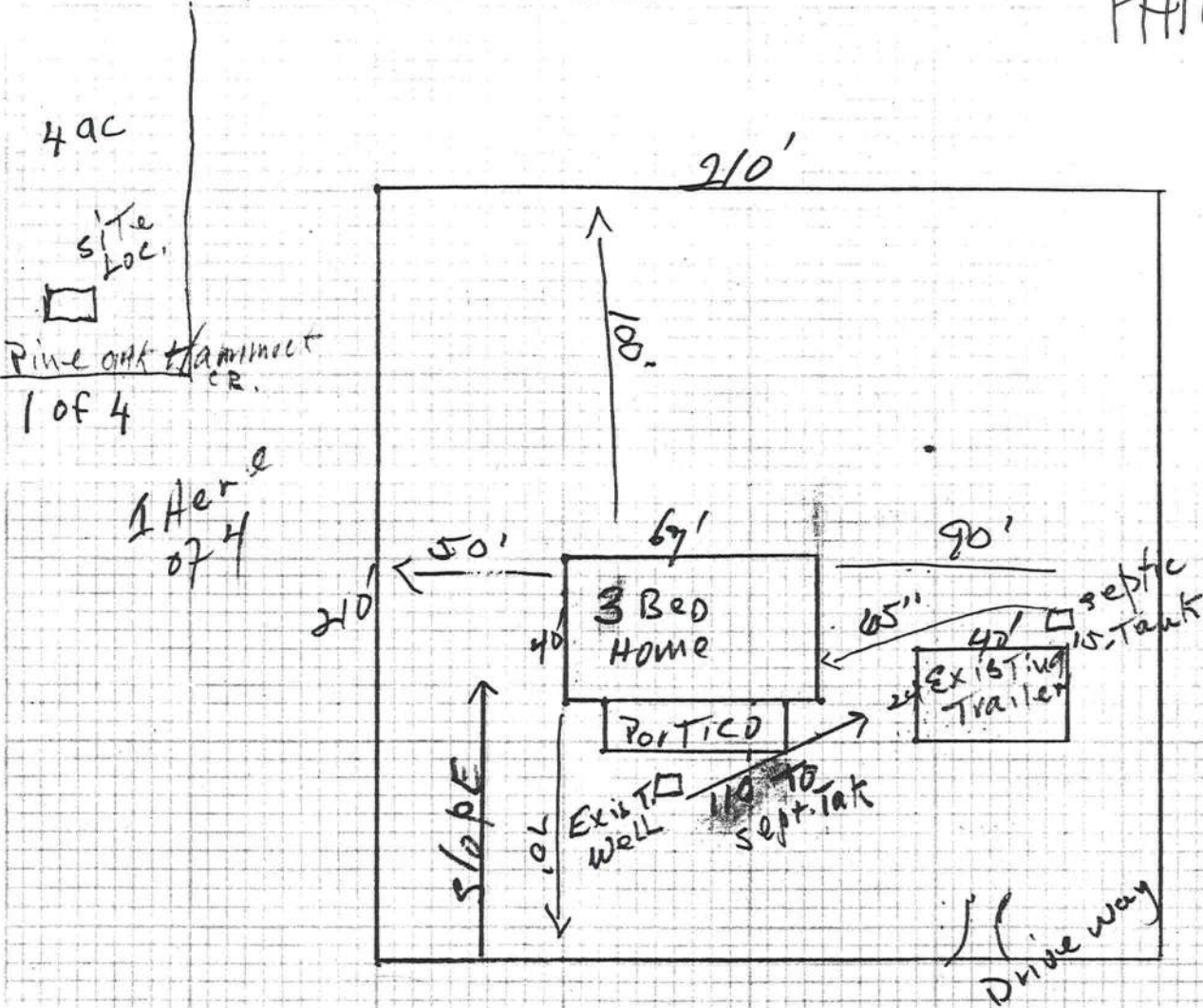
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 05-0486E

PART II - SITE PLAN

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

PHILIP  
MILLS



Notes: Living in MH till house is built  
then MH will be moved

Site Plan submitted by: Philip Mills Signature  
Plan Approved ✓ Not Approved \_\_\_\_\_ Title Owner  
By Mr. [Signature] Date 5-9-05  
Columbia County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT



Name

Address:

WARRANTY DEED  
(FROM CORPORATION)

RAMCO FORM 33

BK 0733 PG0139

This Instrument Prepared by:

Address:

CLAW OFFICE OF RECORDS  
CARL L. JOHNSON  
2731 N.W. 41st STREET, SUITE B-3  
GAINESVILLE, FLORIDA 32606

Property Appraisers Parcel Identification (Folio) Number(s):

Grantee(s) S.S.#(s): 22-65-17-09736-108

OFFICIAL RECORDS

90-12408

FILED AND RECORDED IN PUBLIC  
RECORDS OF COLUMBIA COUNTY, FLA.

1990 OCT -9 PM 4:19

RECORD VERIFIED

DeWitt Cason  
CLERK OF COURTS  
COLUMBIA COUNTY, FLORIDA  
BY P. Lawrence D.C.  
1000 LINDSEY

SPACE ABOVE THIS LINE FOR PROCESSING DATA

SPACE ABOVE THIS LINE FOR RECORDING DATA

**This Warranty Deed** Made and executed the 1st day of October A. D. 1990 by Stokes-Nassau, Inc.

a corporation existing under the laws of Florida, and having its principal place of business at Jacksonville, Florida hereinafter called the grantor, to Philip M. Mills and Hildred H. Mills, husband and wife whose postoffice address is 20250 S.W. 182nd Avenue, Miami, FL 33187 hereinafter called the grantee:

(Wherever used herein the terms "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations)

**Witnesseth:** That the grantor, for and in consideration of the sum of \$ 10.00 and other valuable considerations, receipt whereof is hereby acknowledged, by these presents does grant, bargain, sell, alien, remise, release, convey and confirm unto the grantee, all that certain land situate in Columbia County, Florida, viz:

Lot Eight (8), PINE OAK HAMMOCK, a subdivision according to plat thereof recorded in Plat Book 6, pages 28-28D, Public Records of Columbia County, Florida.

**Together** with all the tenements, hereditaments and appurtenances thereto belonging or in any-wise appertaining.

**To Have and to Hold,** the same in fee simple forever.

**And** the grantor hereby covenants with said grantee that it is lawfully seized of said land in fee simple; that it has good right and lawful authority to sell and convey said land; that it hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances except taxes for the year 1990, and all covenants, restrictions and easements of record.

(CORPORATE SEAL)

**In Witness Whereof** the grantor has caused these presents to be executed in its name, and its corporate seal to be hereunto affixed, by its proper officers thereunto duly authorized, the day and year first above written.

ATTEST: \_\_\_\_\_  
Secretary

STOKES-NASSAU, INC.

Signed, sealed and delivered in the presence of:

By \_\_\_\_\_  
VICE President

STATE OF Florida  
COUNTY OF Duval }

I HEREBY CERTIFY that on this day, before me, an officer duly authorized in the State and County aforesaid to take acknowledgments, personally appeared

James A. Briscoe

well known to me to be the Vice President

respectively of the corporation named as grantor

in the foregoing deed, and that they severally acknowledged executing the same in the presence of two subscribing witnesses freely and voluntarily under authority duly vested in them by said corporation and that the seal affixed thereto is the true corporate seal of said corporation.

WITNESS my hand and official seal in the County and State last aforesaid this 1st day of October, A. D. 1990.

DOCUMENTARY STAMP 75.65

TANGIBLE TAX 0

DeWITT CASON, CLERK OF  
COURTS, COLUMBIA COUNTY

P. Lawrence D.C.

Sherry Hice My Commission  
Notary Public Expires: 3-30-92

RETURN TO:  
Associated Land  
Title Group, Inc.  
300 N. Marion Street P.O. Box 477  
Lake City, Florida 32055



## 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 ☐ Two-Family Residence  
☐ Farm Outbuilding ☐ Other \_\_\_\_\_  
☒ New Construction ☐ Addition, Alteration, Modification or other Improvement

#### NEW CONSTRUCTION OR IMPROVEMENT

I Philip Mills, 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 \_\_\_\_\_

Philip Mills 4/18/05  
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 4-29-05 Building Official/Representative [Signature]



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 22-65-17-09736-108

1. Description of property: (legal description of the property and street address or 911 address)  
Lot(8), Pine Oak Hammock According to the Plat Thereof.  
As of Recorded in Plat Book 8 Pages 28 through 280  
of The Public Records of Columbia County, Florida.  
285 SW Hammock Hill Cir. Lake City, Fla. 32024
2. General description of improvement: New Structure
3. Owner Name & Address Philip & Hilfred Mills - 20250 SW  
182 Ave, Miami, FL 33187 Interest in Property Owners
4. Name & Address of Fee Simple Owner (if other than owner): Same
5. Contractor Name None Phone Number \_\_\_\_\_  
Address \_\_\_\_\_
6. Surety Holders Name None Inst: 2005010021 Date: 05/02/2005 Time: 10:25  
Address mk DC, P. Dewitt Cason, Columbia County B: 1044 P: 2168  
Amount of Bond \_\_\_\_\_
7. Lender Name None Phone Number \_\_\_\_\_  
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 DAN PETERS Phone Number 386-755-2521  
Address Route 2 P.O. Box 3435, Lake City FL-32024
9. In addition to himself/herself the owner designates DAN PETERS - Route 2, P.O. Box 3435 of  
Lake City, FL 32024 to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) -  
(a) 7. Phone Number of the designee 386-755-2521
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) 10/31/06

**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.

Philip Mills  
Signature of Owner

Sworn to (or affirmed) and subscribed before  
day of 19th April, 2005

NOTARY BARBARA GONZALEZ  
Notary Public - State of Florida  
My Commission Expires Jun 24, 2008  
Commission # DD 331997  
Bonded By National Notary Assn.

Barbara Gonzalez  
Signature of Notary



FLORIDA ENERGY EFFICIENCY CODE  
FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs  
Residential Whole Building Performance Method A

Project Name:	Mills Residence	Builder:	-
Address:		Permitting Office:	Columbia
City, State:	,	Permit Number:	
Owner:		Jurisdiction Number:	221006
Climate Zone:	South		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 36.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 10.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	No	c. N/A	
6. Conditioned floor area (ft²)	1717 ft²	13. Heating systems	
7. Glass area & type	Single Pane Double Pane	a. Electric Heat Pump	Cap: 36.0 kBtu/hr
a. Clear glass, default U-factor	0.0 ft² 148.0 ft²		HSPF: 7.00
b. Default tint	0.0 ft² 0.0 ft²	b. N/A	
c. Labeled U or SHGC	0.0 ft² 0.0 ft²	c. N/A	
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=0.0, 238.0(p) ft	a. LP Gas	Cap: 36.0 gallons
b. N/A			EF: 0.66
c. N/A		b. N/A	
9. Wall types		c. Conservation credits	
a. Frame, Wood, Exterior	R=13.0, 1904.0 ft²	(HR-Heat recovery, Solar	
b. N/A		DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits	PT, CF,
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, 1888.7 ft²	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 67.0 ft		
b. N/A			

Glass/Floor Area: 0.09

Total as-built points: 22464  
Total base points: 28509

PASS

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

PREPARED BY: William H. Free

DATE: 4/12/05

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: , , ,

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	1717.0	32.50	10044.5	Double, Clear	N	1.5	6.0	60.0	31.93	0.94	1801.4
				Double, Clear	E	1.5	2.0	4.0	68.60	0.61	167.3
				Double, Clear	S	1.5	6.0	15.0	58.45	0.87	766.4
				Double, Clear	S	1.5	4.0	9.0	58.45	0.76	399.2
				Double, Clear	S	1.5	6.0	30.0	58.45	0.87	1532.9
				Double, Clear	W	1.5	6.0	30.0	61.59	0.92	1696.3
				As-Built Total:			148.0			6363.5	
WALL TYPES Area X BSPM = Points				Type	R-Value			Area X SPM = Points			
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	13.0			1904.0	2.40	4569.6	
Exterior	1904.0	2.70	5140.8								
Base Total: 1904.0 5140.8				As-Built Total:			1904.0			4569.6	
DOOR TYPES Area X BSPM = Points				Type				Area X SPM = Points			
Adjacent	0.0	0.00	0.0	Exterior Wood				61.2	9.40	575.3	
Exterior	61.2	6.40	391.7								
Base Total: 61.2 391.7				As-Built Total:			61.2			575.3	
CEILING TYPES Area X BSPM = Points				Type	R-Value			Area X SPM X SCM = Points			
Under Attic	1717.0	2.80	4807.6	Under Attic	30.0			1888.7	2.77 X 1.00	5231.7	
Base Total: 1717.0 4807.6				As-Built Total:			1888.7			5231.7	
FLOOR TYPES Area X BSPM = Points				Type	R-Value			Area X SPM = Points			
Slab	238.0(p)	-20.0	-4760.0	Slab-On-Grade Edge Insulation	0.0			238.0(p)	-20.00	-4760.0	
Raised	0.0	0.00	0.0								
Base Total: -4760.0				As-Built Total:			238.0			-4760.0	
INFILTRATION Area X BSPM = Points							Area X SPM = Points				
1717.0 18.79 32262.4							1717.0 18.79			32262.4	



SUMMER CALCULATIONS  
Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT							
Summer Base Points: 47887.0				Summer As-Built Points: 44242.5							
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	
47887.0		0.4266	20428.6	44242.5		1.000	(1.073 x 1.165 x 1.00)	0.341	0.902	17020.3	
				44242.5		1.00	1.250	0.341	0.902	17020.3	



# 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		Area X WPM X WOF = Points				
					Ornt	Len	Hgt				
.18 1717.0 2.36 729.4				Double, Clear	N	1.5	6.0	60.0	4.38	0.99	260.5
				Double, Clear	E	1.5	2.0	4.0	3.30	1.08	14.2
				Double, Clear	S	1.5	6.0	15.0	3.12	1.02	47.6
				Double, Clear	S	1.5	4.0	9.0	3.12	1.07	29.9
				Double, Clear	S	1.5	6.0	30.0	3.12	1.02	95.3
				Double, Clear	W	1.5	6.0	30.0	3.98	1.00	119.1
				As-Built Total:			148.0		566.7		
WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent 0.0 0.00 0.0				Frame, Wood, Exterior	13.0		1904.0 0.60 1142.4				
Exterior 1904.0 0.60 1142.4											
Base Total: 1904.0 1142.4				As-Built Total:			1904.0		1142.4		
DOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent 0.0 0.00 0.0				Exterior Wood			61.2 2.80 171.4				
Exterior 61.2 1.80 110.2											
Base Total: 61.2 110.2				As-Built Total:			61.2		171.4		
CEILING TYPES Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points				
Under Attic 1717.0 0.10 171.7				Under Attic	30.0		1888.7 0.10 X 1.00 188.9				
Base Total: 1717.0 171.7				As-Built Total:			1888.7		188.9		
FLOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Slab 238.0(p) -2.1 -499.8				Slab-On-Grade Edge Insulation	0.0		238.0(p) -2.10 -499.8				
Raised 0.0 0.00 0.0											
Base Total: -499.8				As-Built Total:			238.0		-499.8		
INFILTRATION Area X BWPM = Points				Area X WPM = Points							
1717.0 -0.06 -103.0				1717.0 -0.06 -103.0							



WINTER CALCULATIONS  
Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT							
Winter Base Points:		1550.8		Winter As-Built Points:						1466.5	
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
1550.8		0.6274	973.0	1466.5		1.00	(1.099 x 1.137 x 1.00)	0.487	0.950		848.1
				1466.5		1.00	1.250	0.487	0.950		848.1



# WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE					AS-BUILT					
WATER HEATING										
Number of Bedrooms	X	Multiplier	=	Total	Tank Volume	EF	Number of Bedrooms	X	Tank X Ratio	Multiplier X Credit = Total Multiplier
3		2369.00		7107.0	36.0	0.66	3		1.00	1531.95
					As-Built Total:					4595.9

CODE COMPLIANCE STATUS									
BASE					AS-BUILT				
Cooling Points	+	Heating Points	+	Hot Water Points = Total Points	Cooling Points	+	Heating Points	+	Hot Water Points = Total Points
20429		973		7107 28509	17020		848		4596 22464

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\* = 86.0

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: 36.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 10.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	No	c. N/A	
6. Conditioned floor area (ft <sup>2</sup> )	1717 ft <sup>2</sup>		
7. Glass area & type	Single Pane Double Pane	13. Heating systems	
a. Clear - single pane	0.0 ft <sup>2</sup> 148.0 ft <sup>2</sup>	a. Electric Heat Pump	Cap: 36.0 kBtu/hr
b. Clear - double pane	0.0 ft <sup>2</sup> 0.0 ft <sup>2</sup>		HSPF: 7.00
c. Tint/other SHGC - single pane	0.0 ft <sup>2</sup> 0.0 ft <sup>2</sup>	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, 238.0(p) ft	a. LP Gas	Cap: 36.0 gallons
b. N/A			EF: 0.66
c. N/A		b. N/A	
9. Wall types		c. Conservation credits	
a. Frame, Wood, Exterior	R=13.0, 1904.0 ft <sup>2</sup>	(HR-Heat recovery, Solar	
b. N/A		DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits	PT, CF,
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, 1888.7 ft <sup>2</sup>	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 67.0 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<sup>TM</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](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 Energy Gauge Program. (Version: FLRCPB v3.30)*



# Residential System Sizing Calculation

## Summary

Project Title:  
Mills Residence

Code Only  
Professional Version  
Climate: South

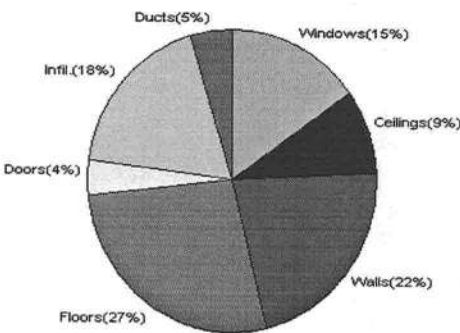
4/12/2005

Location for weather data: Orlando - User customized: Latitude(28) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(44gr.)			
Winter design temperature	38 F	Summer design temperature	98 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	32 F	Summer temperature difference	23 F
<b>Total heating load calculation</b>	<b>22642 Btuh</b>	<b>Total cooling load calculation</b>	<b>22733 Btuh</b>
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	159.0 36000	Sensible (SHR = 0.5)	98.1 18000
Heat Pump + Auxiliary(0.0kW)	159.0 36000	Latent	410.7 18000
		Total (Electric Heat Pump)	158.4 36000

## WINTER CALCULATIONS

Winter Heating Load (for 1717 sqft)

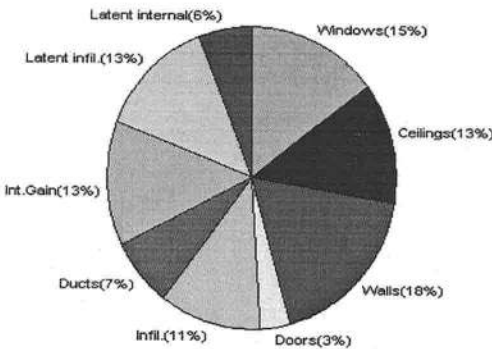
Load component		Load	
Window total	148 sqft	3434	Btuh
Wall total	1904 sqft	4950	Btuh
Door total	61 sqft	901	Btuh
Ceiling total	1889 sqft	2078	Btuh
Floor total	238 ft	6164	Btuh
Infiltration	115 cfm	4037	Btuh
<b>Subtotal</b>		<b>21564</b>	<b>Btuh</b>
Duct loss		1078	Btuh
<b>TOTAL HEAT LOSS</b>		<b>22642</b>	<b>Btuh</b>



## SUMMER CALCULATIONS

Summer Cooling Load (for 1717 sqft)

Load component		Load	
Window total	148 sqft	3370	Btuh
Wall total	1904 sqft	4075	Btuh
Door total	61 sqft	752	Btuh
Ceiling total	1889 sqft	2946	Btuh
Floor total		0	Btuh
Infiltration	100 cfm	2539	Btuh
Internal gain		3000	Btuh
<b>Subtotal(sensible)</b>		<b>16682</b>	<b>Btuh</b>
Duct gain		1668	Btuh
<b>Total sensible gain</b>		<b>18350</b>	<b>Btuh</b>
Latent gain(infiltration)		3003	Btuh
Latent gain(internal)		1380	Btuh
<b>Total latent gain</b>		<b>4383</b>	<b>Btuh</b>
<b>TOTAL HEAT GAIN</b>		<b>22733</b>	<b>Btuh</b>



EnergyGauge® System Sizing based on ACCA Manual J.

PREPARED BY: W. H. Price

DATE: 4/12/05

EnergyGauge® FLRCPB v3.30



# System Sizing Calculations - Winter

## Residential Load - Component Details

Project Title:  
Mills Residence

Code Only  
Professional Version  
Climate: South

Reference City: Orlando (User customized) Winter Temperature Difference: 32.0 F

4/12/2005

Window	Panes/SHGC/Frame/U	Orientation	Area X	HTM=	Load
1	2, Clear, Metal, DEF	N	60.0	23.2	1392 Btuh
2	2, Clear, Metal, DEF	E	4.0	23.2	93 Btuh
3	2, Clear, Metal, DEF	S	15.0	23.2	348 Btuh
4	2, Clear, Metal, DEF	S	9.0	23.2	209 Btuh
5	2, Clear, Metal, DEF	S	30.0	23.2	696 Btuh
6	2, Clear, Metal, DEF	W	30.0	23.2	696 Btuh
Window Total			148		3434 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Exterior	13.0	1904	2.6	4950 Btuh
Wall Total			1904		4950 Btuh
Doors	Type		Area X	HTM=	Load
1	Wood - Exter		61	14.7	901 Btuh
Door Total			61		901Btuh
Ceilings	Type	R-Value	Area X	HTM=	Load
1	Under Attic	30.0	1889	1.1	2078 Btuh
Ceiling Total			1889		2078Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab-On-Grade Edge Insul	0	238.0 ft(p)	25.9	6164 Btuh
Floor Total			238		6164 Btuh
Infiltration	Type	ACH X	Building Volume	CFM=	Load
	Natural	0.40	17170(sqft)	115	4037 Btuh
	Mechanical			0	0 Btuh
Infiltration Total				115	4037 Btuh

Totals for Heating	Subtotal	21564 Btuh
	Duct Loss(using duct multiplier of 0.05)	1078 Btuh
	Total Btuh Loss	22642 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)  
(Frame types - metal, wood or insulated metal)  
(U - Window U-Factor or 'DEF' for default)  
(HTM - ManualJ Heat Transfer Multiplier)

Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types )



# System Sizing Calculations - Summer

## Residential Load - Component Details

Project Title:  
Mills Residence

Code Only  
Professional Version  
Climate: South

Reference City: Orlando (User customized) Summer Temperature Difference: 23.0 F

4/12/2005

Window	Type		Overhang		Window Area(sqft)			HTM		Load		
	Panes/SHGC/U/InSh/ExSh Ornt		Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded			
1	2, Clear, DEF, B, N	N	1.5	6	60.0	0.0	60.0	17	17	1020	Btuh	
2	2, Clear, DEF, B, N	E	1.5	2	4.0	2.5	1.5	17	48	115	Btuh	
3	2, Clear, DEF, B, N	S	1.5	6	15.0	15.0	0.0	17	26	255	Btuh	
4	2, Clear, DEF, B, N	S	1.5	4	9.0	9.0	0.0	17	26	153	Btuh	
5	2, Clear, DEF, B, N	S	1.5	6	30.0	30.0	0.0	17	26	510	Btuh	
6	2, Clear, DEF, B, N	W	1.5	6	30.0	4.0	26.0	17	48	1317	Btuh	
Window Total					148					3370	Btuh	
Walls	Type	R-Value			Area			HTM		Load		
	1	Frame - Exterior	13.0			1904.0			2.1		4075 Btuh	
	Wall Total					1904.0					4075	Btuh
Doors	Type				Area			HTM		Load		
	1	Wood - Exter				61.2			12.3		752 Btuh	
	Door Total					61.2					752	Btuh
Ceilings	Type/Color	R-Value			Area			HTM		Load		
	1	Under Attic/Dark	30.0			1888.7			1.6		2946 Btuh	
	Ceiling Total					1888.7					2946	Btuh
Floors	Type	R-Value			Size			HTM		Load		
	1	Slab-On-Grade Edge Insulation	0.0			238.0 ft(p)			0.0		0 Btuh	
	Floor Total					238.0					0	Btuh
Infiltration	Type	ACH			Volume			CFM=		Load		
	Natural	0.35			17170			100.4		2539 Btuh		
	Mechanical							0		0 Btuh		
	Infiltration Total								100		2539	Btuh

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

Totals for Cooling	Subtotal					16682 Btuh
	Duct gain(using duct multiplier of 0.10)					1668 Btuh
	Total sensible gain					18350 Btuh
	Latent infiltration gain (for 44 gr. humidity difference)					3003 Btuh
	Latent occupant gain (6 people @ 230 Btuh per person)					1380 Btuh
	Latent other gain					0 Btuh
	TOTAL GAIN					22733 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)

EnergyGauge® FLRCPB v3.30



285 SW Hammock Hill Cir  
Lake City, FL 32024  
Feb 1, 2007  
Bldg Permit # 23205

Building and Zoning Dept.  
Columbia County  
Lake City, FL 32055

Dear Sir / Madam;

Please give me another three (3)  
month extension on the above building  
Permit number.

Thank you for your indulgence  
in this matter.

Sincerely Yours,  
Philip Mills





Engineers • Planners

161 N.W. Madison St., Suite 102  
Lake City, Florida 32055  
Tel: 386-758-4209  
Fax: 386-758-4290

#23205

August 29, 2005

Columbia County Building and Zoning

RE: Phillip Mills

To whom it may concern:

I have reviewed the Flood Insurance Rate Map and have determined the property is not located in a flood zone. I have performed a site evaluation of the existing area. I certify that placing the finished floor elevation at least 12" above finished grade is adequate to prevent flood and water damage. Grade the perimeter so that all runoff drains away from the building.

Sincerely,

A handwritten signature in blue ink that reads 'William H. Freeman'.

William H. Freeman, P.E.  
President  
Cert. Of Authorization 00008701

285 SW Hammock Hill Cir.  
Lake City, FL 32024  
May 2, 2007  
Permit # 23205

Columbia City Bldg and Zoning  
135 NE Hernandez Ave, Ste B21  
Lake City, FL 32055

Dear Sir/Madam:

Please grant a three month extension  
for the building permit 000023205.  
Thank you kindly for your indulgence  
in this matter.

Sincerely Yours,  
Philip Mills



285 SW Hammock Hill Cir.  
Lake City, Fl. 32024

Nov. 1, 2006

Bldg Permit # 000023205

Building and Zoning Dept.  
Columbia County  
Lake City, Fl. 32055

Dear Sir / Madam:

Please give me an <sup>90</sup> extension on the  
building permit number above, as I have  
not completed the work on the building.

Thank you for your indulgence in  
this matter.

Sincerely yours,  
Philip Mills

LM

285 SW Hammock Hill Cir  
Lake City, FL 32024  
Aug 1, 2006  
Bldg Permit #23205

Building and Zoning Dept.  
Columbia County  
Lake City, FL 32055

Dear Sir / Madam:

Please grant me another extension on the above building permit number as I have not completed the building as yet.

Thank you for your indulgence in this matter.

Philip Mills  
Sincerely Yours,



285 SW Hammock Hill Cir.  
Lake City, Fl. 32024  
May 3, 2006  
Bldg Permit # 23205

Building and Zoning Dept.  
Columbia County  
Lake City, Fl. 32055

Dear Sir / Madame:

Please grant me an extension  
on the building permit number above.  
There have been numerous setbacks  
in the construction of the building  
structure covered by that per-  
mit, resulting in the need for  
additional time to complete the con-  
struction.

Your indulgence in this matter  
is urgently needed and will be  
greatly appreciated.

Sincerely Yours,  
Philip Mills



# Cal-Tech Testing, Inc.

• Engineering  
• Geotechnical  
• Environmental  
Laboratories

P.O. Box 1625 • Lake City, FL 32056-1625 • Tel(386)755-3633 • Fax(386)752-5456  
6919 Distribution Ave. S., Unit #5, Jacksonville, FL 32257 • Tel(904)262-4046 • Fax(904)4047

JOB NO.: 05-343  
DATE TESTED: 7/28/2005  
DATE REPORTED: 8/1/2005

# 23205

## REPORT OF IN-PLACE DENSITY TEST

PROJECT:	Mills Residence, 385 SW Hammock Hill Circle, Lake City, FL. 32024
CLIENT:	Phillip Mills, 385 SW Hammock Hill Circle, Lake City, FL. 32024
GENERAL CONTRACTOR:	Phillip Mills
EARTHWORK CONTRACTOR:	Phillip Mills
INSPECTOR:	CTCA
ASTM METHOD (D-2922) Nuclear	SOIL USE
SPECIFICATION REQUIREMENTS:	

TEST NO.	TEST LOCATION	TEST DEPTH	WET DENSITY (lb/ft <sup>3</sup> )	MOISTURE PERCENT	DRY DENSITY (lb/ft <sup>3</sup> )	PROCTOR TEST NO.	PROCTOR VALUE	% MAXIMUM DENSITY
b								
1	15' NW from SE Corner	0 - 12"	113.7	3.5	109.9	1	104.5	105.1%
2	25' SW from NE Corner	0 - 12"	113.2	3.8	109.1	1	104.5	104.4%
3	Center most point of pad	0 - 12"	114.1	3.6	110.1	1	104.5	105.4%
4		0 - 12"			0.0	1	104.5	0.0%
5		0 - 12"			0.0	1	104.5	0.0%
6		0 - 12"			0.0	1	104.5	0.0%

REMARKS:

PROCTORS				
TEST NO.	SOIL DESCRIPTION	MAXIMUM DRY UNIT WEIGHT (lb/ft <sup>3</sup> )	OPT. MOIST.	TYPE
1	Light tan sand	104.5	11.1	MODIFIED (ASTM D-1557)

Respectfully Submitted,  
CAL-TECH TESTING, INC.

*Linda M. Creamer*

Linda M. Creamer  
President - CEO

Reviewed By:

*John C. Dorman*

John C. Dorman, P.E., PhD  
Florida Registration No.: 52612  
Date: 8/1/05

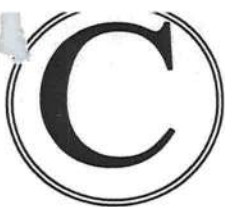
1cc: Client  
1cc: File

The test results presented in this report are specific only to the samples tested at the time of testing. The tests were performed in accordance with generally accepted methods and standards. Since material conditions can vary between test locations and

"Excellence in Engineering & Geoscience"

SL7901





# Cal-Tech Testing, Inc.

- Engineering
- Geotechnical
- Environmental Laboratories

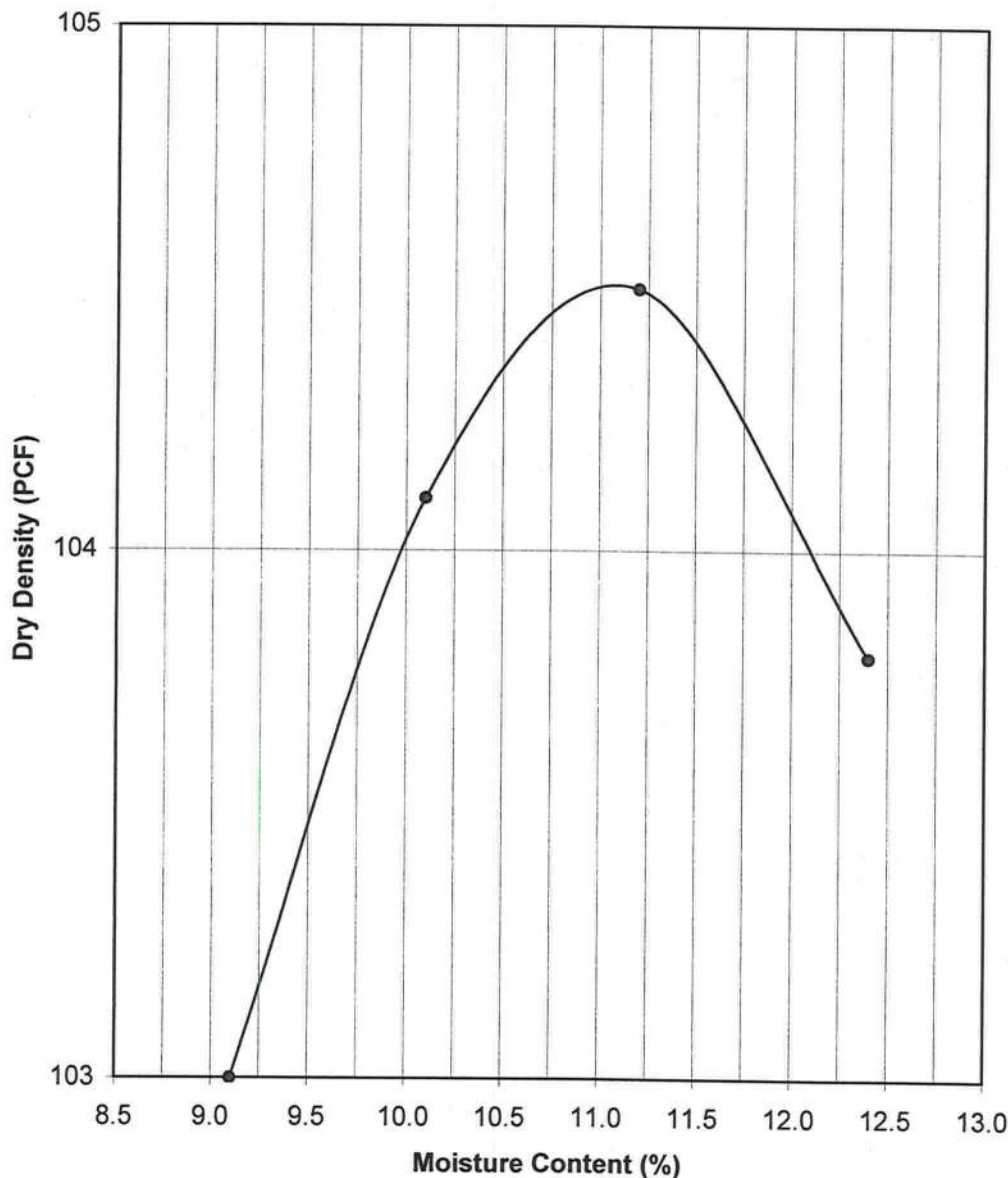
P.O. Box 1625 • Lake City, FL 32056-1625 • Tel(386)755-3633 • Fax(386)752-5456  
6919 Distribution Ave. S., Unit #5, Jacksonville, FL 32257 • Tel(904)262-4046 • Fax(904)4047

## REPORT OF LABORATORY COMPACTION TEST

Client:  
Project Name:  
Project Location:  
Contractor:

Phillip Mills, 385 SW Hammock Hill Circle, Lake City, FL. 32024  
Mills Residence, 385 SW Hammock Hill Circle, Lake City, FL. 32024  
Lake City, Fl.  
Phillip Mills

File No: 05-343  
Date: 8/1/2005  
Lab No: 7731



### PROCTOR DATA

Proctor No.: 1

Modified Proctor ☒  
(ASTM D-1557)

Standard Proctor ☐  
(ASTM D-698)

Maximum Dry  
Dens. Pcf: 104.5

Optimum Moisture  
Percent: 11.1

The test results presented in this report are specific only to the samples tested at the time of testing. The tests were performed in accordance with generally accepted methods and standards. Since material conditions can vary between test locations and change with time, sound judgement should be exercised with regard to the use and interpretation of the data.

Sample Description: Light tan sand  
Sample Location: Stockpile  
Proposed Use: Fill  
Sampled By: CTCA Date: 7/28/2005  
Tested By: CTWM Date: 8/1/2005  
Remarks: 1cc: Client  
1cc: File

*Linda M. Creamer*  
Linda M. Creamer  
President - CEO  
Reviewed By: *[Signature]*  
Date: 8/1/05  
FL Registration No: 52612



# COLUMBIA COUNTY OFFICE OF 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 22-6S-17-09736-108

Building permit No. 000023205

Use Classification SFD & UTILITY

Fire: 0.00

Permit Holder PHILIP MILLS

Waste: 0.00

Owner of Building PHILIP & HILDRED MILLS

Total: 0.00

Location: 285 SW HAMMOCK HILL CR, PINE OAK HAMMOCK L-8

Date: 05/11/2007

Building Inspector



POST IN A CONSPICUOUS PLACE  
(Business Places Only)



**Certificate of Compliance for Termite Protection**  
(As required by Florida Building Code (FBC) 1816.1.7)



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


Philip Mills 285 SW Hammock Hill Circle Lake City, FL 32055  
Address of Treatment or Lot/Block of Treatment

soil barrier spray

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

Permit# 23205

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

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



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23205

285 SW HAMMOCK HILL CIR  
Address of Treatment or Lot/Block of Treatment

8/17/05  
Date

2:30  
Time

JEFFLEE  
Applicator

PREVAIL  
Product Used

CYPERMETHRIN  
Chemical used (active ingredient)

350  
Number of gallons applied

.25  
Percent Concentration

2860  
Area treated (square feet)

214  
Linear feet treated

HORIZONTAL + ~~REINFORCED~~ VERTICAL  
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. \_\_\_\_\_