

DATE 06/21/2004

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000021987

APPLICANT ARNOT G. JOHNS PHONE 755.7227
ADDRESS RT. 1, BOX 283 BRANFORD FL 32008
OWNER BIGRAM THOMAS PHONE 755.7227
ADDRESS 132 SE HANOVER PLACE LAKE CITY FL 32025
CONTRACTOR ARNOT G. JOHNS PHONE _____

LOCATION OF PROPERTY 90-E TO COUNTRY CLUB ROAD, R, GO 3 MILES TO HAONVER PLACE
R, 2ND LOT ON LEFT. (CORNER LOT)

TYPE DEVELOPMENT MODULAR & UTILITY ESTIMATED COST OF CONSTRUCTION .00

HEATED FLOOR AREA _____ TOTAL AREA _____ HEIGHT .00 STORIES _____

FOUNDATION _____ WALLS _____ ROOF PITCH _____ FLOOR _____

LAND USE & ZONING RSF-2 MAX. HEIGHT 35

Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00

NO. EX.D.U. _____ FLOOD ZONE X DEVELOPMENT PERMIT NO. _____

PARCEL ID 15-4S-17-08360-062 SUBDIVISION VILLAGE WOOD

LOT 50 BLOCK _____ PHASE _____ UNIT 3 TOTAL ACRES _____

000000335 Y CBC032067 

Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor

WAIVER 04-0547-N BLK HD N

Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: 1 FOOT ABOVE ROAD

Check # or Cash 0103

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power _____ Foundation _____ Monolithic _____
date/app. by date/app. by date/app. by

Under slab rough-in plumbing _____ Slab _____ Sheathing/Nailing _____
date/app. by date/app. by date/app. by

Framing _____ Rough-in plumbing above slab and below wood floor _____
date/app. by date/app. by

Electrical rough-in _____ Heat & Air Duct _____ Peri. beam (Lintel) _____
date/app. by date/app. by date/app. by

Permanent power _____ C.O. Final _____ Culvert _____
date/app. by date/app. by date/app. by

M/H tie downs, blocking, electricity and plumbing _____ Pool _____
date/app. by date/app. by

Reconnection _____ Pump pole _____ Utility Pole _____
date/app. by date/app. by date/app. by

M/H Pole _____ Travel Trailer _____ Re-roof _____
date/app. by date/app. by date/app. by

BUILDING PERMIT FEE \$.00 CERTIFICATION FEE \$.00 SURCHARGE FEE \$.00

MISC. FEES \$ 200.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ 22.68 WASTE FEE \$ 49.00

FLOOD ZONE DEVELOPMENT FEE \$ _____ CULVERT FEE \$ _____ TOTAL FEE 321.68

INSPECTORS OFFICE  CLERKS OFFICE 

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

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

This Permit Must Be Prominently Posted on Premises During Construction

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

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

Columbia County Building Permit Application

For Office Use Only Application # 0405-61 Date Received 5/18/04 By GT Permit # 21989
 Application Approved by - Zoning Official BLK Date 28.05.04 Plans Examiner ND Date 6-21-04
 Flood Zone X Development Permit N/A Zoning RSF-2 Land Use Plan Map Category RES. Low Den
 Comments _____

Applicants Name ARNOT G. JOHNS Phone 1-352-514-0196
 Address RT1 Box 283 Brantford, FL 32008
 Owners Name BIGRAM THOMAS Phone 386 867-0124
 911 Address 132 SE HANOVER PL.
 Contractors Name ARNOT G. JOHNS Phone 1-352 514-0196
 Address RT Box 283
 Fee Simple Owner Name & Address N/A
 Bonding Co. Name & Address N/A
 Architect/Engineer Name & Address William Kalker, Jr / 33 Rockwood Ln, (203) 261-1167
 Mortgage Lenders Name & Address N/A Monroe CT 06044

Property ID Number 15-45-17-08360-062 Estimated Cost of Construction 75,000⁰⁰
 Subdivision Name Village Wood U-3 Lot 50 Block _____ Unit _____ Phase _____
 Driving Directions EAST on US 90 To Country Club Rd, S. Approx 3 MILES To
HANOVER PL. 2nd Lot on Left

Type of Construction MODULAR Number of Existing Dwellings on Property 0
 Total Acreage _____ Lot Size 90'x161' Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
 Actual Distance of Structure from Property Lines - Front 25' Side 20' Side 18' Rear 110'
 Total Building Height _____ Number of Stories 1 Heated Floor Area 1350^{0'} Roof Pitch 7¹²

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.

ARNOT G. JOHNS
 Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
 COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
 this _____ day of _____ 20____.
 Personally known _____ or Produced Identification _____

Arnot G. Johns
 Contractor Signature
 Contractors License Number CBC 032067
 Competency Card Number _____

NOTARY STAMP/SEAL

Notary Signature



Cal-Tech Testing, Inc.

- Engineering
- Geotechnical
- Environmental

LABORATORIES

P.O. Box 1625 • Lake City, FL 32056-1625
6919 Distribution Avenue S., Unit #5 • Jacksonville, FL 32257

Tel. (386) 755-3633 • Fax (386) 752-5456
Tel. (904) 262-4046 • Fax (904) 262-4047

May 27, 2004

Glenn Johns
P. O. Box 2103
Lake City, Florida 32056

Reference: Proposed Johns Residence
Country Club Road and Hanover
Columbia County, Florida
Cal-Tech Project No. 04-272

Dear Mr. Johns,

Cal-Tech Testing, Inc. has completed the subsurface investigation and evaluation of a building site near the reference intersection in Columbia County, Florida. Our work was performed in conjunction with and authorized you.

We understand you will have constructed a single-story residence with a plan area of about 2,000 square feet, and we believe support for the residence will be provided by conventional, shallow spread footings. Foundation loads were not provided.

The purposes of our investigation were to evaluate the existing subgrade soils for an allowable bearing pressure of 2,000 pounds per square foot and to provide recommendations as appropriate.

Site Investigation

The building site was investigated by performing two (2) Standard Penetration Test borings advanced to depths of 7 feet. The borings were performed at the approximate locations indicated on the attached Location Plan. These locations were selected by Cal-Tech Testing, Inc.

The Standard Penetration Test (ASTM D-1586) is performed by driving a standard split-barrel sampler into the soil by blows of a 140-pound hammer falling 30 inches. The number of blows required to drive the sampler 1 foot, after seating 6 inches, is designated the penetration resistance, or N-value; this value is an index to soil density or consistency.

Findings

The soil borings generally encountered four soil strata. The first layer consists of about 1 to 1.5 feet of dark tannish gray sand with silt (SP/SM). The N-values of this layer were not determined.

The second layer consists of about 1.5 to 2.0 feet of loose, tannish gray sand (SP). The N-values of this layer are on the order of 6 to 7 blows per foot.

The third layer consists of about 3 feet of loose to medium dense, tan, gray, orange and red, clayey sand (SC). The N-values of this layer range from 4 to 11 blows per foot.

The fourth layer consists of an undetermined thickness of stiff to very stiff, gray, orange and red, sandy clay (CH). The N-values of this layer range from 12 to 17 blows per foot.

Groundwater was not encountered at the time of our investigation; however, we believe the wet season water table will occur at a depth of about 2.0 feet.


For a more detailed description of the subsurface conditions encountered, please refer to the attached Boring Logs.

Discussion

Based upon our findings and understanding of the proposed construction, we have performed a bearing capacity analysis for the immediate bearing soils. We have assumed conventional strip footings having a width of 18 inches. Additionally, we have assumed the bottoms of these foundations are embedded 16 inches below the finished surface grade. For these foundations and the site soils as encountered, we obtained an allowable bearing capacity of 2,000 pounds per square foot with a factor of safety of about 1.5 against a bearing capacity failure. It is therefore our opinion the subgrade soils in the proposed building area are suitable for shallow foundations with an allowable bearing capacity of 2,000 pounds per square foot.

We appreciate the opportunity to be of service on this project and look forward to a continued association. Please do not hesitate to contact us should you have questions concerning this report or if we may be of further assistance.

Respectfully submitted,
Cal-Tech Testing, Inc.



Linda Creamer
President / CEO



John C. Dorman, Jr., Ph.D., P.E.
Geotechnical Engineer

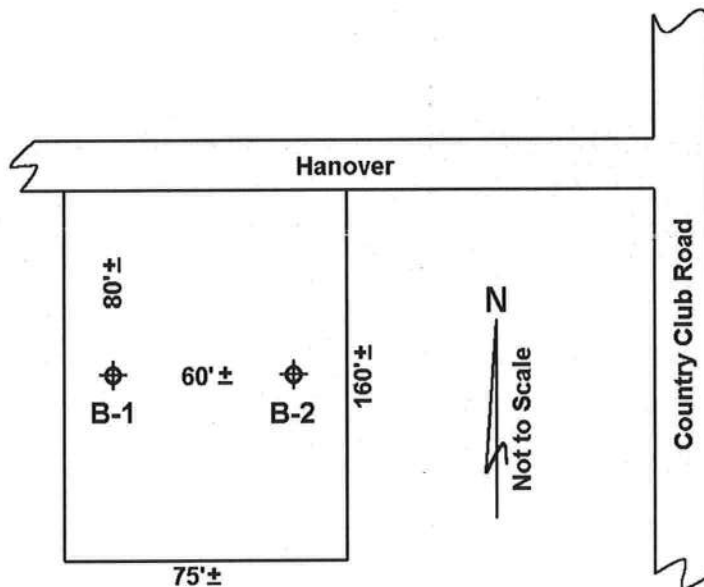
ST 27/04 52612

B-1

Water Table: N/A		Soil
Depth (ft)	N-value	Description
0		Dark Tannish Gray SAND with SILT (SP/SM)
6		Loose, Tannish Gray SAND (SP)
4		Loose, Gray and Orange, CLAYEY SAND (SC)
5	5	Loose, Tan, Gray and Orange, CLAYEY SAND (SC)
12		Stiff, Gray, Orange and Red, SANDY CLAY (CH)
7.0 ft. - Termination of Boring		
Wet Season Water Table: 2.0 ft. ±		

B-2

Water Table: N/A		Soil
Depth (ft)	N-value	Description
0		Dark Tannish Gray SAND with SILT (SP/SM)
7		Loose, Light Tannish Gray SAND (SP)
7		Loose, Gray and Orange, CLAYEY SAND (SC)
5	11	Medium Dense, Gray, Orange and Red, CLAYEY SAND (SC)
17		Very Stiff, Gray and Orange, SANDY CLAY (CH)
7.0 ft. - Termination of Boring		
Wet Season Water Table: 2.0 ft. ±		



Boring Logs and Location Plan: Johns' Site
Columbia County, Florida

Return to: (enclose self-addressed stamped envelope)

Name: BIGAN W. THOMAS

Address: 10822 N.W. LAKE JEFFERY RD.
WELLBORN, FL. 32094

This Instrument Prepared by:

Inst: 2004013063 Date: 06/04/2004 Time: 12:11

mk DC, P. DeWitt Cason, Columbia County B: 1017 P: 1576

Name:

Address:

Property Appraisers Parcel Identification

SPACE ABOVE THIS LINE FOR PROCESSING DATA

SPACE ABOVE THIS LINE FOR RECORDING DATA

NOTICE OF COMMENCEMENT

Permit No. _____

Tax Folio No. _____

State of Florida _____
County of _____ }

The undersigned hereby gives notice that improvements will be made to certain real property, and in accordance with chapter 713 of the Florida Statutes, the following information is provided in this NOTICE OF COMMENCEMENT.

Legal description of property (include Street Address, if available) LOT 50 OF "VILLAGE WOOD UNIT III"
PLATBOOK 4, PG. 82 PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA
132 SE HANOVER PLACE, LAKE CITY, FL. 32025

General description of improvements ELECT MODULAR HOME, INSTALL SEPTIC TANK, DRIVE-WAY

Owner's Name BIGAN W. THOMAS

Address 10822 N.W. LAKE JEFFERY RD. WELLBORN, FL. 32094

Owner's Interest in site of the improvement HOME SALES

Fee Simple Title holder (if other than owner) _____

Address _____ Phone: _____ Fax: _____

Contractor ARNOT G. JONES

Address RT 1 BOX 283 BLANFORD, FL. 32008 Phone: _____ Fax: _____

Surety _____ Phone: _____ Fax: _____

Address _____ Amount of bond \$ _____

Lender's Name N/A

Address: _____ Phone: _____ Fax: _____

Persons within the State of Florida designated by owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7, Florida Statutes.

Name _____

Address _____ Phone: _____ Fax: _____

In addition to himself, owner designates _____

Of _____ Phone: _____ Fax: _____

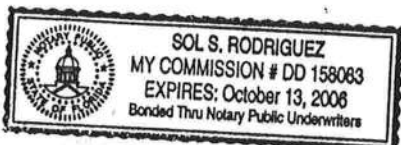
to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes.

Expiration date of Notice of Commencement (the expiration date is 1 year from the date of recording unless a different date is specified)

[Signature]
Signature of Owner

BIGAN W. THOMAS
Printed Name of Owner

NOTARY RUBBER STAMP SEAL



I have relied upon the following identification of the Affiant FL. Dr. Lic

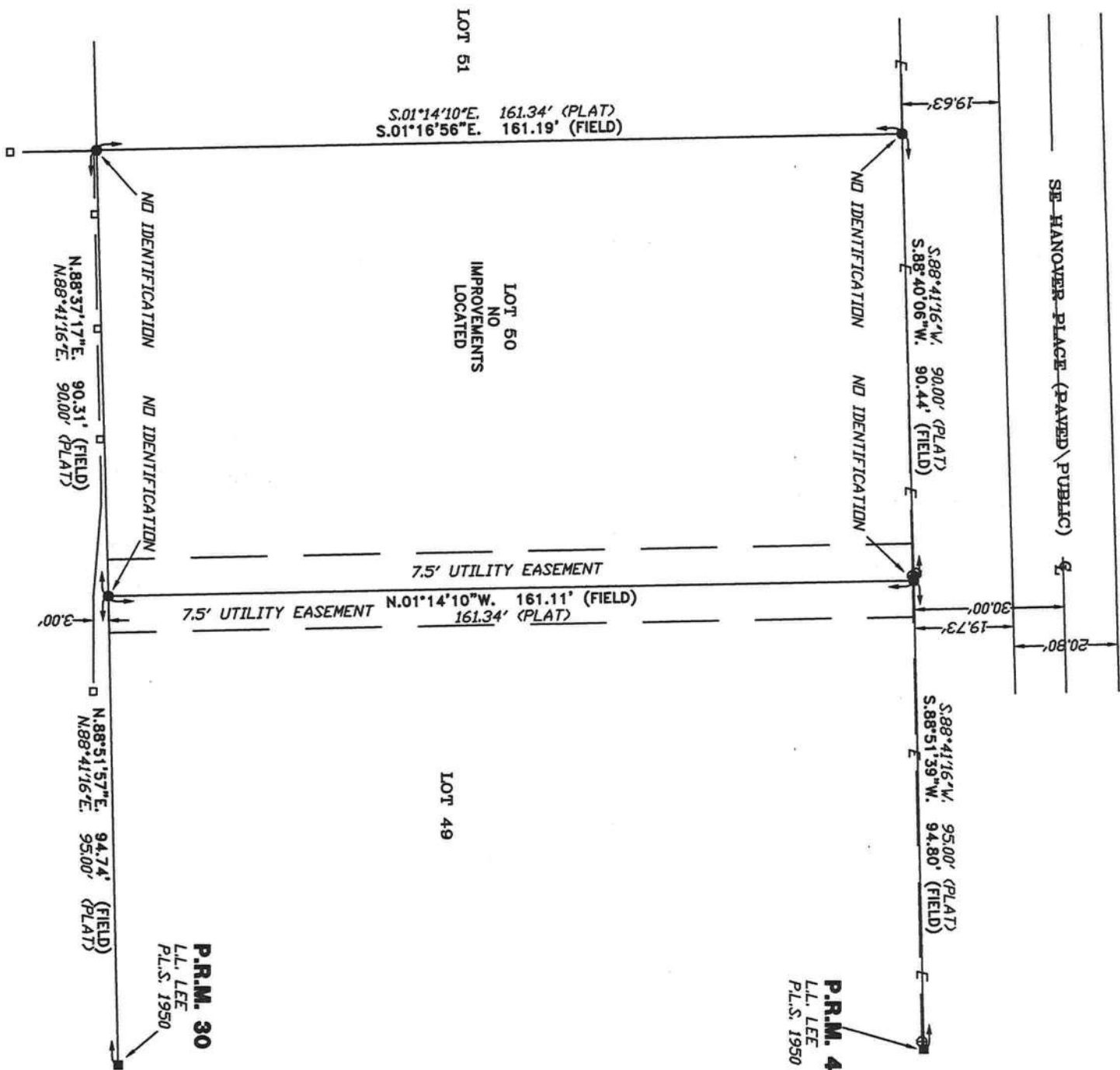
1520-07466-454-0

Sworn to and subscribed before me this 14th day of June 2004

[Signature]
Notary Signature

Sol S. Rodriguez
Printed Name

BOUNDARY SURVEY IN SECTION 15, TOWNSHIP 4 SOUTH,
RANGE 17 EAST, COLUMBIA COUNTY, FLORIDA.



SCALE: 1" = 30'

SYMBOL LEGEND

■	4"x4" CONCRETE MONUMENT FOUND
□	4"x4" CONCRETE MONUMENT SET
○	IRON PIPE FOUND
●	IRON PIN AND CAP SET
⊙	POWER POLE
⊕	WATER METER
⊗	CENTERLINE
*	WELL
⊙	SATELLITE DISH
⊙	TELEPHONE BOX
—E—	ELECTRIC LINES
—X—	WIRE FENCE
—O—	CHAIN LINK FENCE
—□—	WOODEN FENCE

DESCRIPTION:
LOT 50 OF "VILLAGE WOOD UNIT III" AS PER PLAT THEREOF RECORDED IN PLAT BOOK 4,
PAGE 82 OF THE PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA.

- SURVEYOR'S NOTES:
1. BOUNDARY BASED ON MONUMENTATION FOUND IN ACCORDANCE WITH THE RETRACEMENT OF THE ORIGINAL SURVEY FOR SAID PLAT OF RECORD.
 2. BEARINGS ARE BASED ON SAID PLAT OF RECORD.
 3. THIS PARCEL IS IN ZONE "X" AND IS DETERMINED TO BE OUTSIDE THE 500 YEAR FLOOD PLAIN AS PER FLOOD RATE MAP, DATED 6 JANUARY, 1988 COMMUNITY PANEL NUMBER 120070 0175 B. HOWEVER, THE FLOOD INSURANCE RATE MAPS ARE SUBJECT TO CHANGE.
 4. THE IMPROVEMENTS, IF ANY, INDICATED ON THIS SURVEY DRAWING ARE AS LOCATED ON IF THEY EXIST, NO UNDERGROUND ENCROACHMENTS AND/OR UTILITIES WERE LOCATED FOR THIS SURVEY EXCEPT AS SHOWN HEREIN.
 5. THIS SURVEY WAS COMPLETED WITHOUT THE BENEFIT OF A TITLE COMMITMENT OR A TITLE POLICY.

CERTIFIED TO:

BIGRAM THOMAS

SURVEYOR'S CERTIFICATION

I HEREBY CERTIFY THAT THIS SURVEY WAS MADE UNDER MY RESPONSIBLE CHARGE AND MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

05/03/04 FIELD SURVEY DATE
05/04/04 DRAWING DATE

BRITT
L.L. LEE
P.L.S. 1950

NOTE: UNLESS IT BEARS THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER THIS DRAWING, SKETCH, PLAT OR MAP IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT VALID.

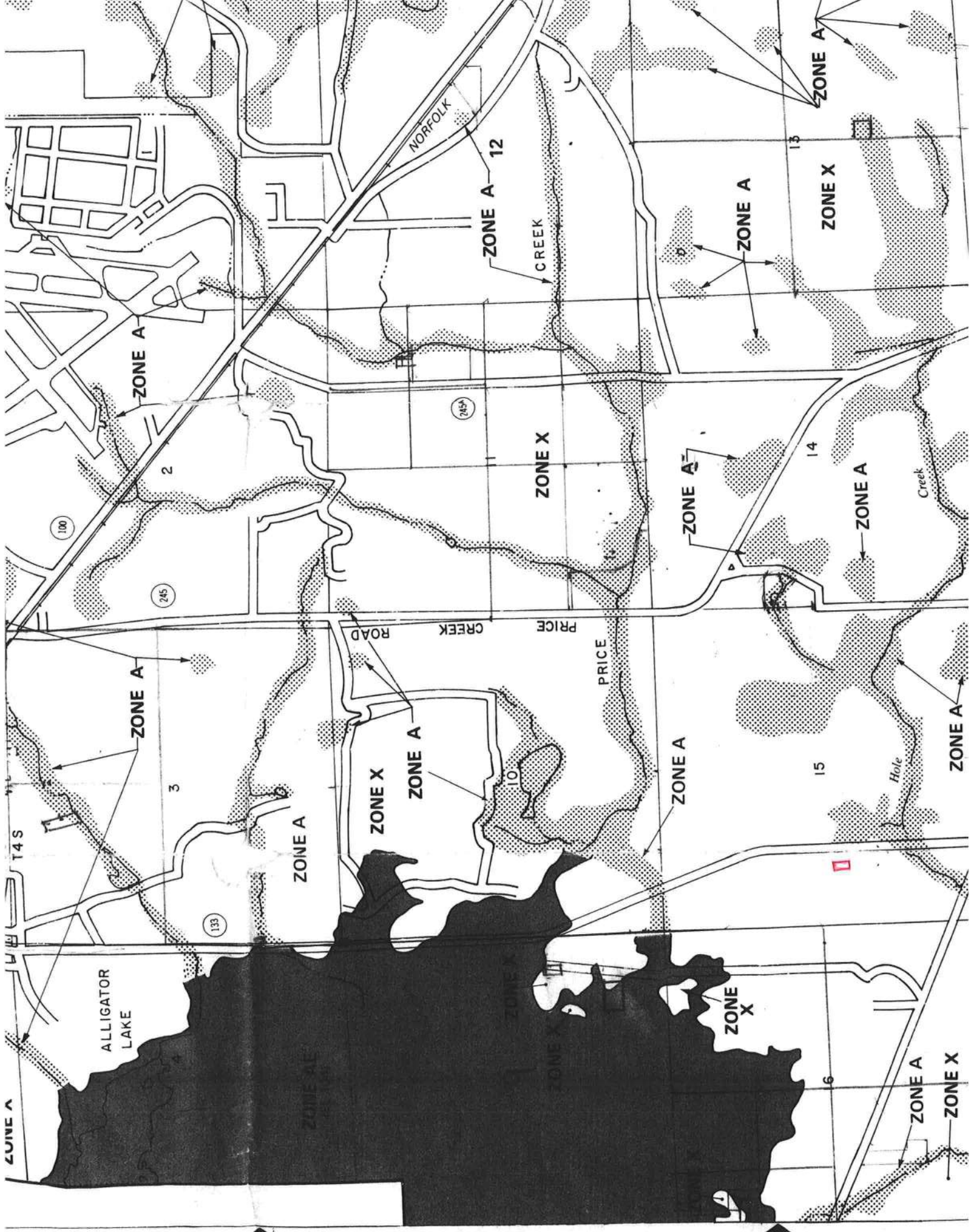


BRITT SURVEYING

LAND SURVEYORS AND MAPPERS

830 WEST DUVAL STREET LAKE CITY, FLORIDA 32055
(386)752-7163 FAX (386)752-5573

WORK ORDER # L-14903



0405-613

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name: **PRE-5FL**
Address: **PRE-5FL**
City, State: ,
Owner:
Climate Zone: **North**

Builder:
Permitting Office: **COLUMBIA**
Permit Number: **21987**
Jurisdiction Number: **221000**

- | | | | | | |
|--|--------------------------------|-----------------------|--|-------------------|-----|
| 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: 12.00 | ___ |
| 4. Number of Bedrooms | 3 | ___ | b. N/A | | ___ |
| 5. Is this a worst case? | Yes | ___ | c. N/A | | ___ |
| 6. Conditioned floor area (ft ²) | 1352 ft ² | ___ | 13. Heating systems | | |
| 7. Glass area & type | Single Pane | Double Pane | a. Electric Heat Pump | Cap: 34.1 kBtu/hr | ___ |
| a. Clear glass, default U-factor | 0.0 ft ² | 0.0 ft ² | | HSPF: 6.60 | ___ |
| b. Default tint | 0.0 ft ² | 0.0 ft ² | b. N/A | | ___ |
| c. Labeled U or SHGC | 0.0 ft ² | 136.6 ft ² | c. N/A | | ___ |
| 8. Floor types | | | 14. Hot water systems | | |
| a. Raised Wood, Stem Wall | | ft ² | a. Electric Resistance | Cap: 40.0 gallons | ___ |
| b. N/A | | ___ | | EF: 0.97 | ___ |
| c. N/A | | ___ | b. N/A | | ___ |
| 9. Wall types | | | c. Conservation credits | | ___ |
| a. Frame, Wood, Exterior | R=13.0, 1071.0 ft ² | ___ | (HR-Heat recovery, Solar | | ___ |
| b. N/A | | ___ | DHP-Dedicated heat pump) | | ___ |
| c. N/A | | ___ | 15. HVAC credits | | ___ |
| d. N/A | | ___ | (CF-Ceiling fan, CV-Cross ventilation, | | ___ |
| e. N/A | | ___ | HF-Whole house fan, | | ___ |
| 10. Ceiling types | | | PT-Programmable Thermostat, | | ___ |
| a. Under Attic | R=30.0, 1352.0 ft ² | ___ | MZ-C-Multizone cooling, | | ___ |
| b. N/A | | ___ | MZ-H-Multizone heating) | | ___ |
| c. N/A | | ___ | | | ___ |
| 11. Ducts | | | | | ___ |
| a. Sup: Unc. Ret: Unc. AH: Attic | Sup. R=6.0, 150.0 ft | ___ | | | ___ |
| b. N/A | | ___ | | | ___ |

Glass/Floor Area: 0.10

Total as-built points: 21722

Total base points: 22577

PASS

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

PREPARED BY: W. H. K.DATE: 2/11/13

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

OWNER/AGENT: SEE MANUFACTURER'S CONTRACTDATE: FLORIDA DCA.

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.

Approved By: CLAYTON E. BARNESBUILDING OFFICIAL: CLAYTON E. BARNESDATE: 2/11/13

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: PRE-5FL, , ,

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	1352.0	20.04	4876.9	Double,U=0.48,Clear	E	1.0	6.3	45.0	43.92	0.97	1925.3
				Double,U=0.48,Clear	E	1.0	4.7	8.3	43.92	0.94	343.3
				Double,U=0.48,Clear	W	1.0	6.3	60.0	40.43	0.97	2364.7
				Double,U=0.48,Clear	W	1.0	4.7	8.3	40.43	0.94	315.0
				Double,U=0.48,Clear	N	0.0	0.0	15.0	21.25	1.00	318.8
				As-Built Total:		136.6				5267.1	
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		1071.0		1.50		1606.5
Exterior	1071.0	1.70	1820.7								
Base Total:				As-Built Total:		1071.0				1606.5	
DOOR TYPES											
Area X BSPM = Points				Type	Area X SPM = Points						
Adjacent	0.0	0.00	0.0	Exterior Insulated			40.0		4.10		164.0
Exterior	40.0	6.10	244.0								
Base Total:				As-Built Total:		40.0				164.0	
CEILING TYPES											
Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points				
Under Attic	1352.0	1.73	2339.0	Under Attic	30.0		1352.0		1.73 X 1.00		2339.0
Base Total:				As-Built Total:		1352.0				2339.0	
FLOOR TYPES											
Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Slab	0.0(p)	0.0	0.0	Raised Wood, Stem Wall	19.0		1352.0		-1.50		-2028.0
Raised	1352.0	-3.99	-5394.5								
Base Total:				As-Built Total:		1352.0				-2028.0	
INFILTRATION											
Area X BSPM = Points				Area X SPM = Points							
	1352.0	10.21	13803.9	1352.0 10.21 13803.9							

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: PRE-5FL, , ,

PERMIT #:

BASE				AS-BUILT									
Summer Base Points: 17690.0				Summer As-Built Points: 21152.5									
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
17690.0		0.4266	7546.6	21152.5		1.000		(1.090 x 1.147 x 1.11)		0.284		1.000	8348.9
				21152.5		1.00		1.388		0.284		1.000	8348.9

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: PRE-5FL, , ,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned X BWPM = Points Floor Area				Type/SC Overhang Ornt Len Hgt Area X WPM X WOF = Points							
.18	1352.0	12.74	3100.4	Double,U=0.48,Clear	E	1.0	6.3	45.0	7.72	1.01	352.2
				Double,U=0.48,Clear	E	1.0	4.7	8.3	7.72	1.03	66.0
				Double,U=0.48,Clear	W	1.0	6.3	60.0	9.51	1.01	574.7
				Double,U=0.48,Clear	W	1.0	4.7	8.3	9.51	1.02	80.3
				Double,U=0.48,Clear	N	0.0	0.0	15.0	13.32	1.00	199.9
				As-Built Total: 136.6 1273.0							
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			1071.0	3.40		3641.4
Exterior	1071.0	3.70	3962.7								
Base Total: 1071.0 3962.7				As-Built Total: 1071.0 3641.4							
DOOR TYPES Area X BWPM = Points				Type Area X WPM = Points							
Adjacent	0.0	0.00	0.0	Exterior Insulated	40.0			8.40		336.0	
Exterior	40.0	12.30	492.0								
Base Total: 40.0 492.0				As-Built Total: 40.0 336.0							
CEILING TYPES Area X BWPM = Points				Type R-Value Area X WPM X WCM = Points							
Under Attic	1352.0	2.05	2771.6	Under Attic	30.0			1352.0	2.05 X 1.00		2771.6
Base Total: 1352.0 2771.6				As-Built Total: 1352.0 2771.6							
FLOOR TYPES Area X BWPM = Points				Type R-Value Area X WPM = Points							
Slab	0.0(p)	0.0	0.0	Raised Wood, Stem Wall	19.0			1352.0	0.80		1081.6
Raised	1352.0	0.96	1297.9								
Base Total: 1297.9				As-Built Total: 1352.0 1081.6							
INFILTRATION Area X BWPM = Points				Area X WPM = Points							
1352.0 -0.59 -797.7				1352.0 -0.59 -797.7							

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: PRE-5FL, , ,

PERMIT #:

BASE				AS-BUILT						
Winter Base Points:		10826.9		Winter As-Built Points:				8305.9		
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
10826.9	0.6274		6792.8	8305.9	1.000	(1.069 x 1.169 x 1.10)	0.517	1.000		5899.1
				8305.9	1.00	1.375	0.517	1.000		5899.1

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: PRE-5FL, , ,

PERMIT #:

BASE				AS-BUILT					
WATER HEATING									
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X Tank Ratio	X Multiplier	X Credit Multiplier = Total
3		2746.00	8238.0	40.0	0.97	3	1.00	2491.22	1.00 7473.6
				As-Built Total:					7473.6

CODE COMPLIANCE STATUS							
BASE				AS-BUILT			
Cooling Points	+	Heating Points	+ Hot Water Points = Total Points	Cooling Points	+	Heating Points	+ Hot Water Points = Total Points
7547		6793	8238 22577	8349		5899	7474 21722

PASS



N 7/1

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 83.5

The higher the score, the more efficient the home.

, PRE-5FL, , ,

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: 12.00
4. Number of Bedrooms	3	—	b. N/A	—
5. Is this a worst case?	Yes	—	c. N/A	—
6. Conditioned floor area (ft ²)	1352 ft ²	—		—
7. Glass area & type	Single Pane Double Pane	—	13. Heating systems	
a. Clear - single pane	0.0 ft ² 0.0 ft ²	—	a. Electric Heat Pump	Cap: 34.1 kBtu/hr
b. Clear - double pane	0.0 ft ² 0.0 ft ²	—		HSPF: 6.60
c. Tint/other SHGC - single pane	0.0 ft ² 136.6 ft ²	—	b. N/A	—
d. Tint/other SHGC - double pane		—	c. N/A	—
8. Floor types		—	14. Hot water systems	
a. Raised Wood, Stem Wall	R=19.0, 1352.0ft ²	—	a. Electric Resistance	Cap: 40.0 gallons
b. N/A	—	—		EF: 0.97
c. N/A	—	—	b. N/A	—
9. Wall types		—	c. Conservation credits	—
a. Frame, Wood, Exterior	R=13.0, 1071.0 ft ²	—	(HR-Heat recovery, Solar	—
b. N/A	—	—	DHP-Dedicated heat pump)	—
c. N/A	—	—	15. HVAC credits	—
d. N/A	—	—	(CF-Ceiling fan, CV-Cross ventilation,	—
e. N/A	—	—	HF-Whole house fan,	—
10. Ceiling types		—	PT-Programmable Thermostat,	—
a. Under Attic	R=30.0, 1352.0 ft ²	—	MZ-C-Multizone cooling,	—
b. N/A	—	—	MZ-H-Multizone heating)	—
c. N/A	—	—		—
11. Ducts		—		—
a. Sup: Unc. Ret: Unc. AH: Attic	Sup. R=6.0, 150.0 ft	—		—
b. N/A	—	—		—

I certify that this home has complied with the Florida Energy Efficiency Code For Building Construction through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL Display Card will be completed based on installed Code compliant features.

Builder Signature: _____ Date: _____

Address of New Home: _____ City/FL Zip: _____



**NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar™ designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs at 850/487-1824.*

EnergyGauge® (Version: FLRCSB v3.30)

CAM112M01 S CamaUSA Appraisal System
5/18/2004.15:24 Legal Description Maintenance
Year T Property Sel
2004 R 15-4S-17-08360-062

Columbia Count
9000 Land 001
AG 000
Bldg 000
Xfea 000
9000 TOTAL E

THOMAS BIGRAM

1	LOT 50,, VILLAGE WOOD UNIT 3 & , ORB 806-97,, 1007-1779	2
3		4
5		6
7		8
9		10
11		12
13		14
15		16
17		18
19		20
21		22
23		24
25		26
27		28

Mnt 5/10/2004 JEFF

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



STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number

04-0547

PART II - SITE PLAN

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

* see ATTACHED *

Notes:

Site Plan submitted by:

Plan Approved ☒

By

Signature

Not Approved ☐

owner

Title

Date 5-11-04

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

[Log On](#)[DBPR Home](#) | [Online Services Home](#) | [Help](#) | [Site Map](#)

04:12:17 PM

Public Services

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[View Continuing Ed](#)

Search Results

Please see our [glossary of terms](#) for an explanation of the license status shown in these search results.

License Type	Name	Name Type	License Number/ Rank	Status/ Expires	C
Certified Building Contractor	JOHNS, ARNOT G	Primary	CBC032067 Cert Building	Current, Active 08/31/2004	BRAN

New S

[Term Glossary](#)[Online Help](#)[Terms of Use](#) | [Privacy Statement](#)

Columbia County Building Department Culvert Permit

Culvert Permit No.
000000335

DATE 01/12/2005 . PARCEL ID # 15-4S-17-08360-062
APPLICANT BIGRAM THOMAS PHONE 386.867.0124
ADDRESS 132 SE HANOVER PLACE LAKE CITY FL 25
OWNER BIGAM W. THOMAS PHONE 867.0124
ADDRESS 132 SE HANOVER PLACE LAKE CITY FL 32025
CONTRACTOR ARNOT G. JOHNS PHONE 352.514.0196
LOCATION OF PROPERTY 90-E TO COUNTRY CLUB ROAD, R, APPROX. 3 MILES TO HANOVER PLACE
R, 2ND. LOT ON LEFT.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT VILLAGE WOOD 50 3

SIGNATURE

[Handwritten Signature]

INSTALLATION REQUIREMENTS



Culvert size will be 18 inches in diameter with a total length of 32 feet, leaving 24 feet of driving surface. Both ends will be mitered 4 foot with a 4 : 1 slope and poured with a 4 inch thick reinforced concrete slab.

INSTALLATION NOTE: Turnouts will be required as follows:

- a) a majority of the current and existing driveway turnouts are paved, or;
- b) the driveway to be served will be paved or formed with concrete.

Turnouts shall be concrete or paved a minimum of 12 feet wide or the width of the concrete or paved driveway, whichever is greater. The width shall conform to the current and existing paved or concreted turnouts.



Culvert installation shall conform to the approved site plan standards.



Department of Transportation Permit installation approved standards.



Other _____

**ALL PROPER SAFETY REQUIREMENTS SHOULD BE FOLLOWED
DURING THE INSTALATION OF THE CULVERT.**

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

Amount Paid 25.00



Wm. Weggie

DATE: 06/21/2004

BUILDING PERMIT NO. 4981

ADDRESS	132	SE HANOVER PLACE	LAKE CITY	FL	25
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ADDRESS	132	SE HANOVER PLACE	LAKE CITY	FL	32025
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CONTRACTOR ARNOT G.JOHNS PHONE 352.514.0196

LOCATION OF PROPERTY 90-E TO COUNTRY CLUB ROAD, R, APPROX. 3 MILES TO HANOVER PLACE

R, 2ND. LOT ONEFT.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT	VILLAGE WOOD	50	3
----------------------------------	--------------	----	---

PARCEL ID # 15-4S-17-08360-062

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

SIGNATURE: 

**A SEPARATE CHECK IS REQUIRED
MAKE CHECKS PAYABLE TO BCC**

Amount Paid 50.00

PUBLIC WORKS DEPARTMENT USE ONLY

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

_____ APPROVED _____ NOT APPROVED - NEEDS A CULVERT PERMIT

COMMENTS: _____

SIGNED: [Signature] DATE: 7-21-04

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

COLUMBIA COUNTY

JUN 22 2004

PUBLIC WORKS DEPT.



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

**COLUMBIA COUNTY
OFFICE
OF
M/H OCCUPANCY**

M/H 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 15-4S-17-08360-062

Building permit No. 000021987

Permit Holder ARNOT G. JOHNS

Owner of Building BIGRAM THOMAS

Location: 132 SE HANOVER PLACE, (VILLAGE WOOD, LOT 50)



Date: 07/19/2005

A handwritten signature in black ink, appearing to be "J. G. Johnson", is written over a horizontal line.

Building Inspector

**POST IN A CONSPICUOUS PLACE
(Business Places Only)**

Date - 4-8-05

Permit # 21987

Must have approval from John Colson
County Engineer before C.O. can
be issued per Dale Williams.

John Kerce

See attached Building Permit.

DATE 06/21/2004

Columbia County Building Permit**PERMIT**

This Permit Expires One Year From the Date of Issue

000021987

APPLICANT ARNOT G. JOHNS PHONE 755.7227
 ADDRESS RT. 1, BOX 283 BRANFORD FL 32008
 OWNER BIGRAM THOMAS PHONE 755.7227
 ADDRESS 132 SE HANOVER PLACE LAKE CITY FL 32025
 CONTRACTOR ARNOT G. JOHNS PHONE _____

LOCATION OF PROPERTY 90-E TO COUNTRY CLUB ROAD, R, GO 3 MILES TO HANOVER PLACE
R, 2ND LOT ON LEFT. (CORNER LOT)

TYPE DEVELOPMENT MODULAR & UTILITY ESTIMATED COST OF CONSTRUCTION .00

HEATED FLOOR AREA _____ TOTAL AREA _____ HEIGHT .00 STORIES _____

FOUNDATION _____ WALLS _____ ROOF PITCH _____ FLOOR _____

LAND USE & ZONING RSF-2 MAX. HEIGHT 35

Minimum Set Back Requirements: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00

NO. EX.D.U. _____ FLOOD ZONE X DEVELOPMENT PERMIT NO. _____

PARCEL ID 15-4S-17-08360-062 SUBDIVISION VILLAGE WOOD

LOT 50 BLOCK _____ PHASE _____ UNIT 3 TOTAL ACRES _____

CBC032067

Culvert Permit No. 18"X32"MITERED Culvert Waiver 04-0547-N Contractor's License Number BLK Applicant/Owner/Contractor HD N
 Driveway Connection _____ Septic Tank Number _____ LU & Zoning checked by _____ Approved for Issuance _____ New Resident _____

COMMENTS: 1 FOOT ABOVE ROAD

CULVERT APPLICATION APPLIED FOR 01/12/2005

ORIGINAL WAIVER REQUEST DENIED BY PERRY LITTLE. SEE PERMIT FILE. Check # or Cash 0103

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power _____ Foundation 11/18/2004 RJ Monolithic _____
 date/app. by _____ date/app. by _____ date/app. by _____

Under slab rough-in plumbing _____ Slab _____ Sheathing/Nailing _____
 date/app. by _____ date/app. by _____ date/app. by _____

Framing _____ Rough-in plumbing above slab and below wood floor _____
 date/app. by _____ date/app. by _____

Electrical rough-in _____ Heat & Air Duct _____ Peri. beam (Lintel) 12/06/2004 RK
 date/app. by _____ date/app. by _____ date/app. by _____

Permanent power _____ C.O. Final _____ Culvert _____
 date/app. by _____ date/app. by _____ date/app. by _____

M/H tie downs, blocking, electricity and plumbing _____ Pool _____
 date/app. by _____ date/app. by _____

Reconnection _____ Pump pole _____ Utility Pole _____
 date/app. by _____ date/app. by _____ date/app. by _____

M/H Pole _____ Travel Trailer _____ Re-roof _____
 date/app. by _____ date/app. by _____ date/app. by _____

Parcel: 15-4S-17-08360-062

Tax Record

Property Card

Interactive GIS Map

Print

Owner & Property Info

Search Result: 1 of 1

Owner's Name	THOMAS BIGRAM
Site Address	
Mailing Address	10822 NW LAKE JEFFERY RD WELLBORN, FL 32094
Brief Legal	LOT 50, VILLAGE WOOD UNIT 3 & ORB 806-97, 1007-1779

Use Desc. (code)	VACANT (000000)
Neighborhood	15417.02
Tax District	2
UD Codes	MKTA01
Market Area	01
Total Land Area	0.000 ACRES

Property & Assessment Values

Mkt Land Value	cnt: (1)	\$9,000.00
Ag Land Value	cnt: (0)	\$0.00
Building Value	cnt: (0)	\$0.00
XFOB Value	cnt: (0)	\$0.00
Total Appraised Value		\$9,000.00

Just Value	\$9,000.00
Class Value	\$0.00
Assessed Value	\$9,000.00
Exempt Value	\$0.00
Total Taxable Value	\$9,000.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
2/17/2004	1007/1381	WD	V	U	08	\$7,500.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
NONE						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
NONE						

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000000	VAC RES (MKT)	1.000 LT - (.000AC)	1.00/1.00/.90/1.00	\$9,000.00	\$9,000.00

