

Columbia County Building Permit Application

Revised 9-23-04

CK# 1748

For Office Use Only Application # 0605-27 Date Received 5/8/06 By G Permit # 24506
Application Approved by - Zoning Official BLK Date 5-10-06 Plans Examiner OK JTH Date 5-9-06
Flood Zone X Development Permit NA Zoning A3 Land Use Plan Map Category A3
Comments _____

Applicants Name Justin J Jenkins Phone 386 719 2240
Address 694 SW Main Blvd, Lake City, FL 32025
Owners Name Thomas + Usina Markham/Noton Phone 386 752 0717
911 Address 426 SW Joe Markham Dr., Lake City, FL 32024
Contractors Name Jenkins Contracting, LLC - Michael Jenkins Phone 386 719 2240
Address 694 SW main Blvd, Lake City, FL 32025
Fee Simple Owner Name & Address Thomas + Usina Markham/Noton, 242 SW Longleaf Dr. Lake City, FL 32025
Bonding Co. Name & Address NONE
Architect/Engineer Name & Address Mark Disosway, P.E., 163 SW midtown Pl. St. 103, Lake City, FL 32025
Mortgage Lenders Name & Address NONE

Circle the correct power company - FL Power & Light - Clay Elec - Suwannee Valley Elec. - Progressive Energy
Property ID Number 24-55-15-00470-000 Estimated Cost of Construction \$122,000.00
Subdivision Name N/A Lot n/a Block n/a Unit n/a Phase n/a
Driving Directions SR 47 South, Right on CR 240, Left on old Khetucknee Ave, Right on Carpenter Rd., 1st left on Joe Markham Dr. - 1st drive on Right.

Type of Construction Single Family Residential Number of Existing Dwellings on Property 0
Total Acreage 176 Lot Size _____ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
Actual Distance of Structure from Property Lines - Front 210' Side 210' Side >500' Rear >500'
Total Building Height 21' 3" Number of Stories 1 Heated Floor Area 2440 sf Roof Pitch 6/12
PORCH 590 GARAGE 491 TOTAL 3521

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

OWNERS AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning.

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

[Signature]
Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
this 05 day of MAY 2006.
Personally known X or Produced Identification _____

[Signature]
Contractor Signature
Contractors License Number C6C1307486
Competency Card Number _____
NOTARY STAMP/SEAL

[Signature]
Notary Signature Mr. L. Church
Commission # DD425257
Expires May 3, 2009
Bonded Troy Pain - Insurance, Inc. 800-385-7019

This Deed, Made the 15th day of February A.D. 1921

V. M. WILLIAMS and his wife, OLA MAE WILLIAMS,

of the County of Columbia State of Florida
hereinafter called the grantors to RALPH W. MARKHAM and his wife, USINA
M. MARKHAM, whose mailing address is Route 2, Box 9, Lake City,
Florida,

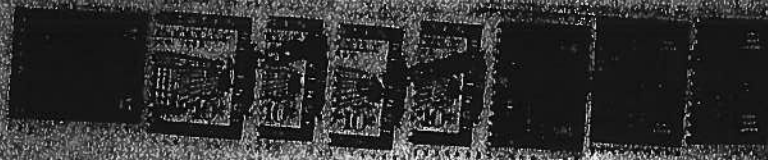
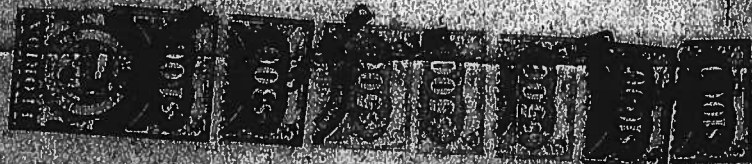
hereinafter called the grantees.

Witnesseth, That the said grantors in consideration of the sum of Ten Dollars
(\$10.00) and other valuable considerations

have hereunto hereby acknowledged, do give, grant, bargain, sell, alien, remise, re-
lease, confirm, confirm and confirm unto the said grantees and their heirs and assigns
in fee simple the lands situate in Columbia County, State of Florida, described
as follows:

The West 1/2 of the Northeast 1/4 and the East 1/2 of
the Northwest 1/4 and sixteen acres off the East side
of the West 1/2 of the Northwest 1/4 in Section 24,
Township 5 South, Range 15 East, containing 176 acres
in the aggregate, more or less.

TOGETHER WITH all farm equipment located on the above
described land.

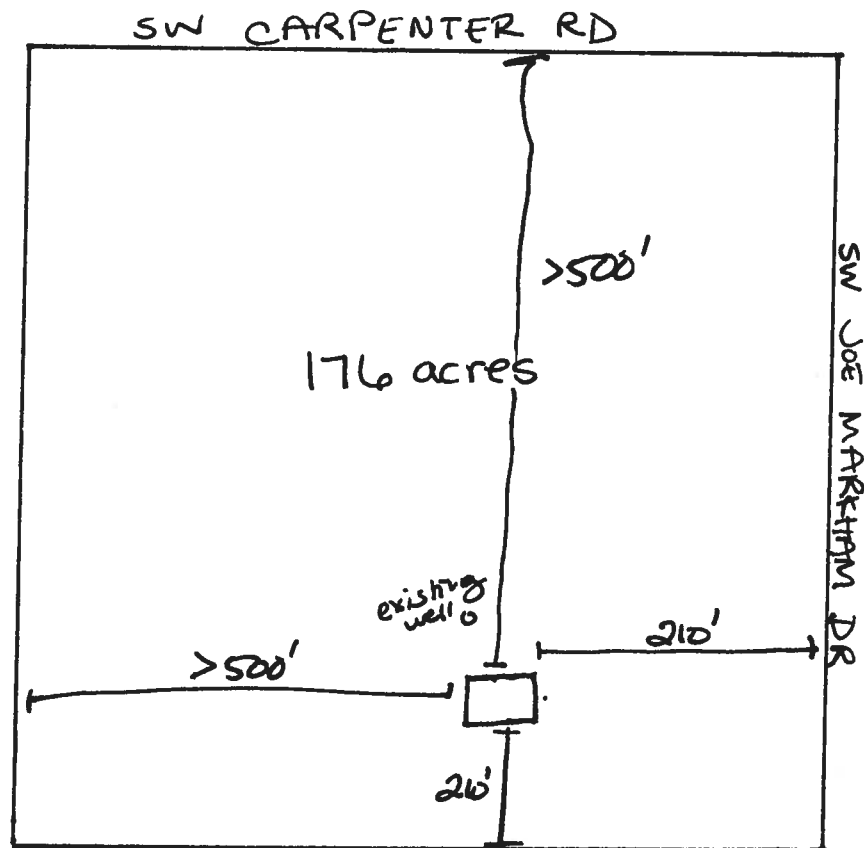


To Have and to Hold the same together with the hereunto and hereunto unto
the said grantees and their heirs and assigns in fee simple.

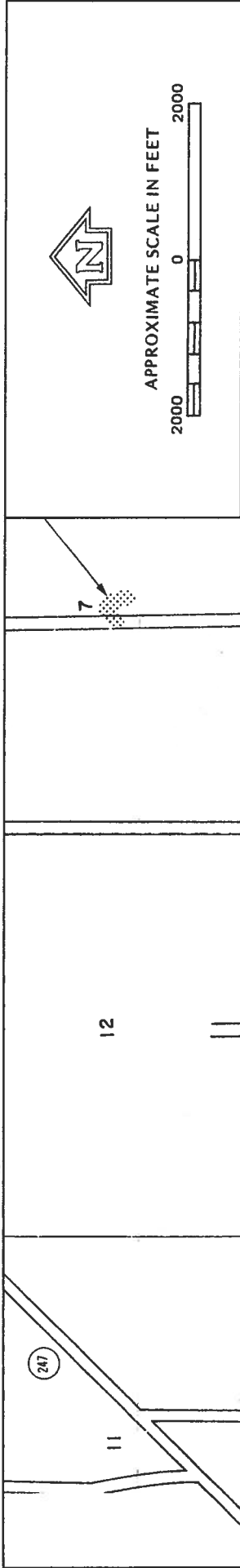
And the said grantors for themselves and their heirs and legal
representatives, co-heirs, co-tenants, assigns, That said grantors are
indefeasibly seized of said land in fee simple; that
said grantors have full power and lawful right to convey said lands in fee simple, as
aforesaid; that it shall be lawful for said grantors their heirs, legal representatives
and assigns at all times hereafter and unto their heirs, legal representatives
and assigns to sell, convey, bargain, sell, alien, remise, re-lease, confirm, confirm and confirm
unto their heirs, legal representatives and assigns in fee simple the said land in
fee simple, and that said grantors do hereby fully warrant the title to said land and will
defend the same against the lawful claims of all persons whomsoever.

Witness the hand & seal of said grantors the day and year first above written

Witnessed and delivered in the presence of
V. M. Williams



Plot Plan
Noton Residence



NATIONAL FLOOD INSURANCE PROGRAM

FIRM

FLOOD INSURANCE RATE MAP

COLUMBIA
COUNTY,
FLORIDA
(UNINCORPORATED AREAS)

PANEL 225 OF 290

COMMUNITY-PANEL NUMBER
120070 0225 B

EFFECTIVE DATE:
JANUARY 6, 1988

PANEL LOCATION

Federal Emergency Management Agency

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

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

Permit Application Number: 016-0434N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

NOTON/MARKHAM/CR 05-3377

RECEIVED

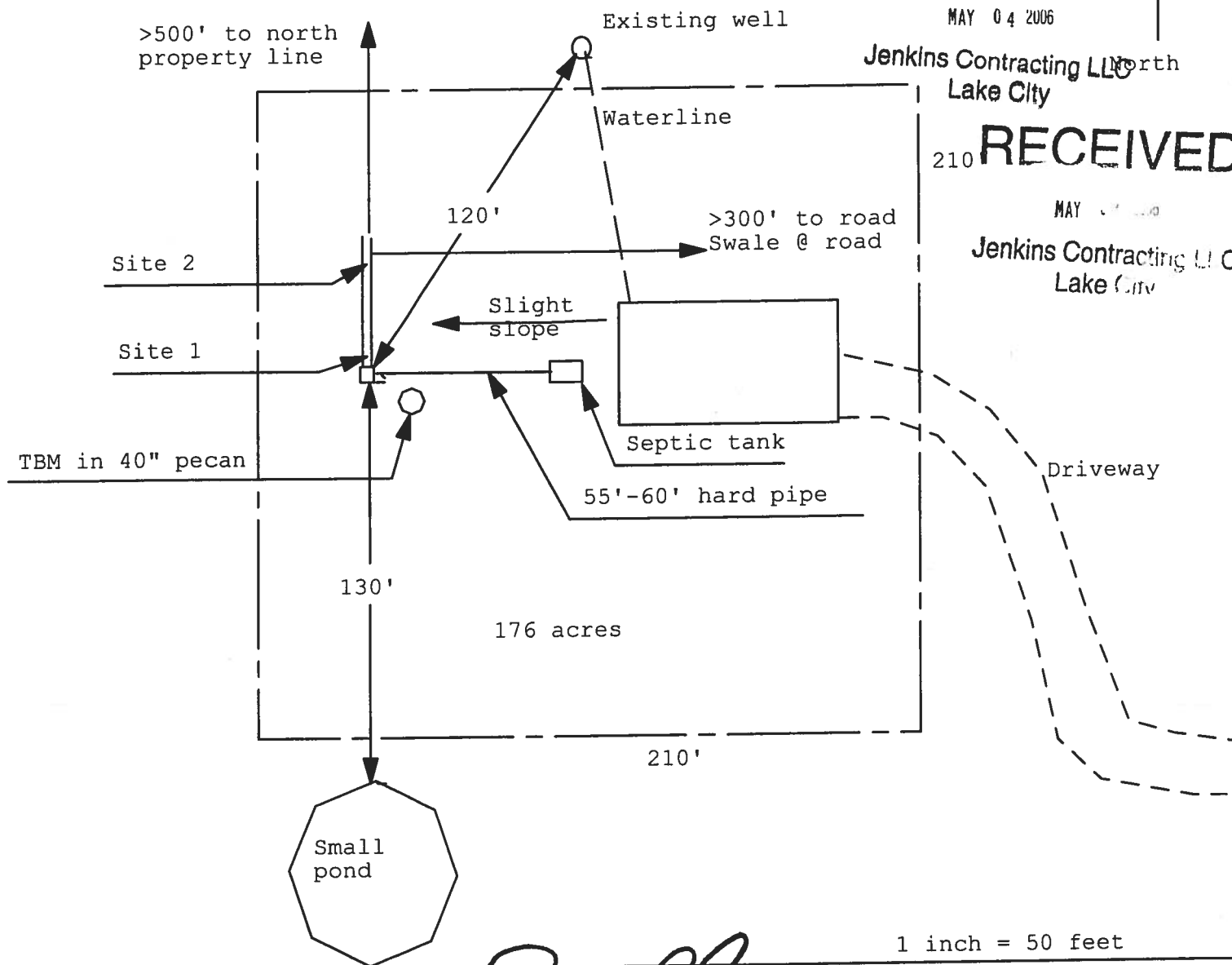
MAY 04 2006

Jenkins Contracting LLC North
Lake City

210 RECEIVED

MAY 6 1960

Jenkins Contracting LLC
Lake City

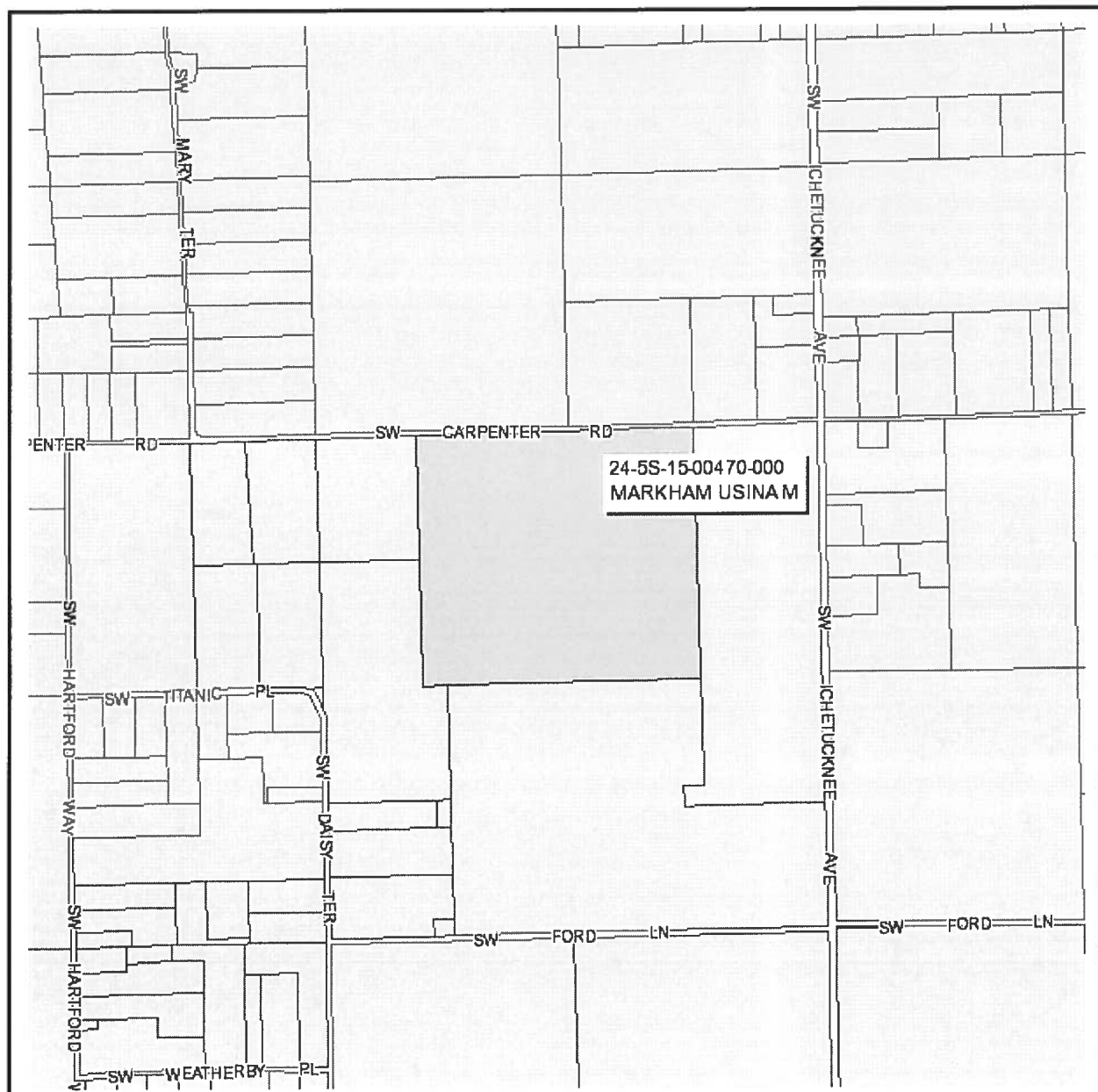


1 inch = 50 feet

Site Plan Submitted By Paul Hays Date 2/23/06
Plan Approved ☒ Not Approved ☐ Date 6/3/06

By Mr. J. A. J. A. Columbia CPHU

Notes: _____



Columbia County Property Appraiser

J. Doyle Crews, CFA - Lake City, Florida - 386-758-1083

PARCEL: 24-5S-15-00470-000 - TIMBERLAND (005500)

Name: MARKHAM USINA M	LandVal	\$0.00
Site:	BldgVal	\$0.00
Mail: 242 SW LONG LEAF DR	ApprVal	\$24,464.00
LAKE CITY, FL 32024	JustVal	\$492,800.00
Sales	Assd	\$24,464.00
Info	Exmpt	\$0.00
	Taxable	\$24,464.00

0 0.1 0.2 0.3 mi



This information, GIS Map Updated: 5/5/2006, 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.

Columbia County Property Appraiser

DB Last Updated: 5/5/2006

2006 Proposed Values

Parcel: 24-5S-15-00470-000

Tax Record

Property Card

Interactive GIS Map

Print

Owner & Property Info

Search Result: 1 of 1

Owner's Name	MARKHAM USINA M
Site Address	
Mailing Address	242 SW LONG LEAF DR LAKE CITY, FL 32024
Description	W1/2 OF NE1/4 & E1/2 OF NW1/4 & 16 AC OFF THE E SIDE OF W1/2 OF NW1/4. DC RALPH MARKHAM 1036-2539.

Use Desc. (code)	TIMBERLAND (005500)
Neighborhood	24515.00
Tax District	3
UD Codes	MKTA02
Market Area	02
Total Land Area	176.000 ACRES

Property & Assessment Values

Mkt Land Value	cnt: (0)	\$0.00
Ag Land Value	cnt: (1)	\$24,464.00
Building Value	cnt: (0)	\$0.00
XFOB Value	cnt: (0)	\$0.00
Total Appraised Value		\$24,464.00

Just Value	\$492,800.00
Class Value	\$24,464.00
Assessed Value	\$24,464.00
Exempt Value	\$0.00
Total Taxable Value	\$24,464.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
NONE						

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						

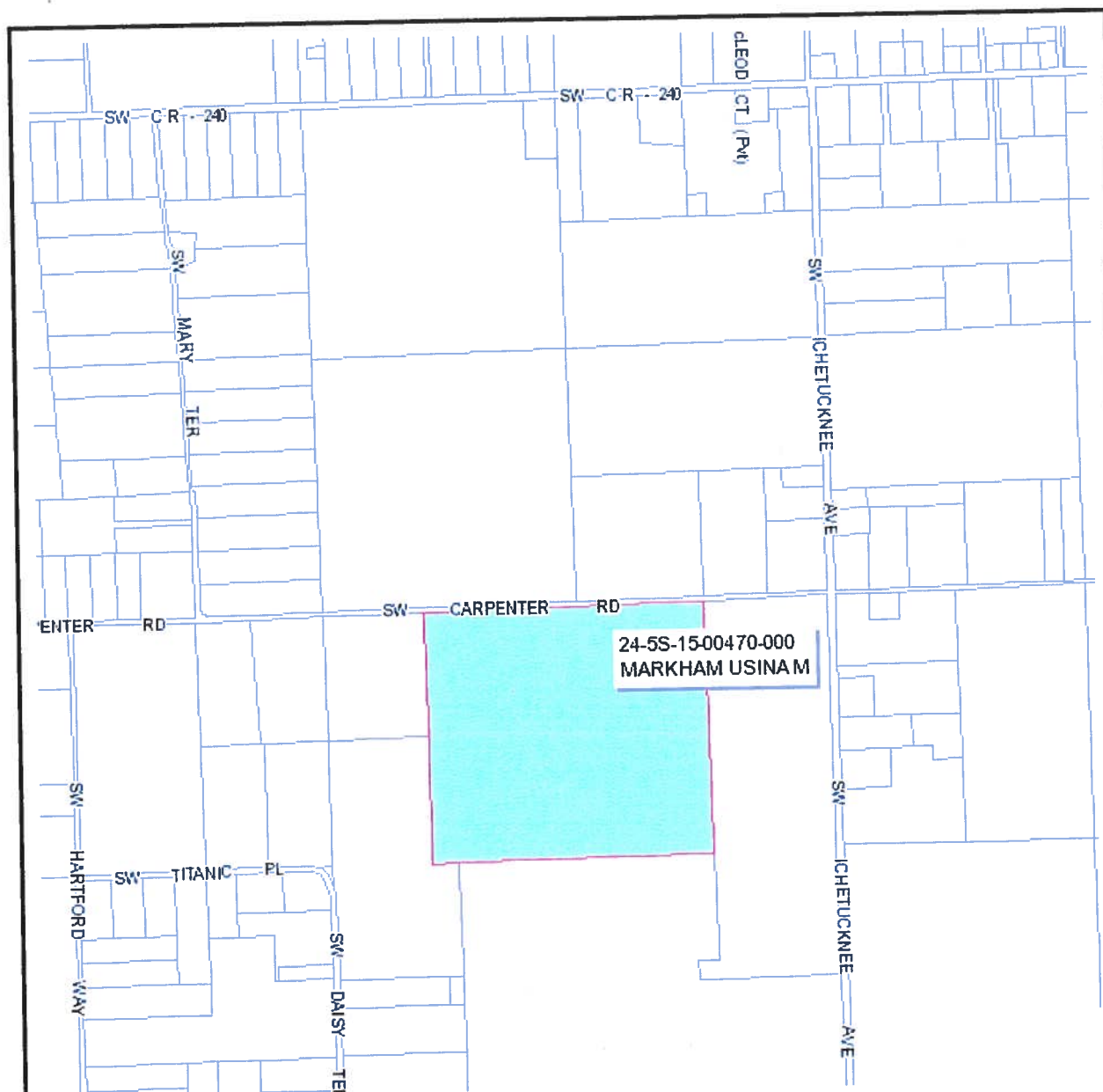
Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
005600	TIMBER 3 (AG)	176.000 AC	1.00/1.00/1.00/1.00	\$139.00	\$24,464.00
009910	MKT.VAL.AG (MKT)	176.000 AC	1.00/1.00/1.00/1.00	\$0.00	\$492,800.00

Columbia County Property Appraiser

DB Last Updated: 5/5/2006

1 of 1



Columbia County Property Appraiser

J. Doyle Crews, CFA - Lake City, Florida - 386-758-1083

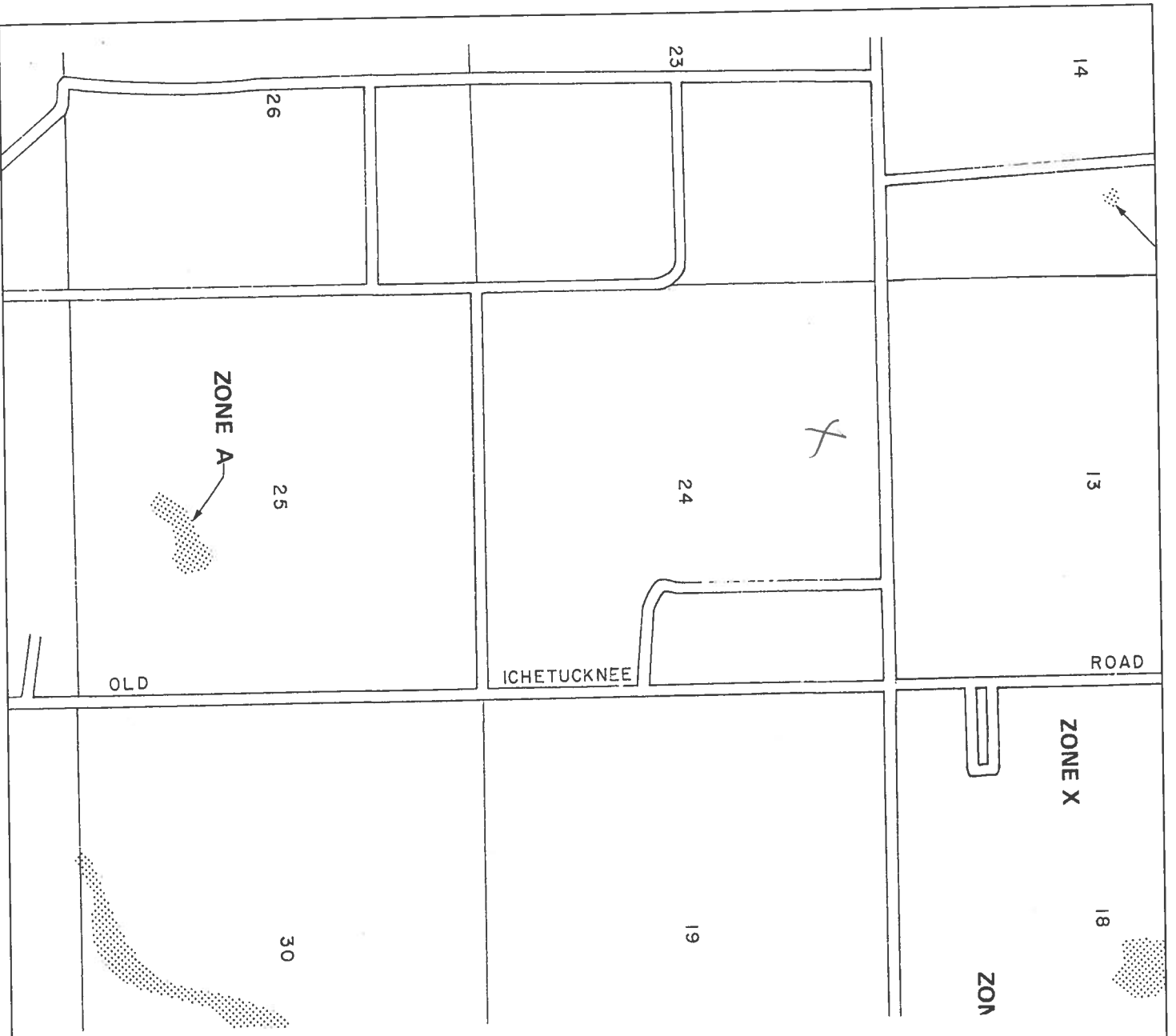
PARCEL: 24-5S-15-00470-000 - TIMBERLAND (005500)

Name: MARKHAM USINA M	LandVal	\$0.00
Site:	BldgVal	\$0.00
Mail: 242 SW LONG LEAF DR	ApprVal	\$24,464.00
LAKE CITY, FL 32024	JustVal	\$492,800.00
Sales	Assd	\$24,464.00
Info	Exmpt	\$0.00
	Taxable	\$24,464.00

0 0.1 0.2 0.3 mi



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NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

COLUMBIA
COUNTY,
FLORIDA
(UNINCORPORATED AREAS)

PANEL 225 OF 290

PANEL LOCATION



COMMUNITY-PANEL NUMBER
120070 0225 B
EFFECTIVE DATE:
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NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

*****THIS DOCUMENT MUST BE RECORDED AT THE COUNTY CLERKS OFFICE BEFORE YOUR FIRST INSPECTION.*****

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 24-55-15-00470-000

1. Description of property: (legal description of the property and street address or 911 address)
W 1/2 OF NE 1/4 + E 1/2 OF NW 1/4 + 16 AC OFF THE E SIDE OF W 1/2 OF NW 1/4. NW 1/4 + 16 AC OFF THE E SIDE W 1/2 OF NE 1/4 + E 1/2 OF W 1/2 OF NW 1/4. DC RALPH MARKHAM 1036-2539. 426 SW Joe Markham Dr. Lake City, FL 32024
2. General description of improvement: Construction of Dwelling
3. Owner Name & Address Thomas + Usina Markham/Noton, 242 SW Long Leaf Dr. Lake City, FL 32024 Interest in Property FEE SIMPLE
4. Name & Address of Fee Simple Owner (If other than owner): NONE
5. Contractor Name Jenkins Contracting, LLC Phone Number (386) 719-2240
Address 694 SW Main Blvd Lake City, FL 32025
6. Surety Holders Name NONE Phone Number _____
Address _____
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 NONE Phone Number _____
Address _____
9. In addition to himself/herself the owner designates NONE of _____ to receive a copy of _____
(a) 7. Phone Number of the designee _____
10. Expiration date of the Notice of Commencement (the e) _____
(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 05/03, 2006

Signature of Owner

Usina Markham/Noton

RECEIVED

MAY 04 2006

Jenkins Contracting LLC
Lake City

NOTARY STAMP/SEAL



M. L. Church
Commission # DD425257
Expires May 3, 2009
Bonded Troy Fahn - Insurance, Inc. 800-366-7018

Signature of Notary

M. L. Church

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Whole Building Performance Method A

Project Name:	603274 Jenkins Contracting, LLC Noton, Thomas & Usina Residence	
Address:	426 SW Markham St	Permitting Office: Columbia
City, State:	Lake City, FL 32024-	Permit Number: 24506
Owner:	Thomas & Usina Noton	Jurisdiction Number: 221000
Climate Zone:	North	

1. New construction or existing	New	___
2. Single family or multi-family	Single family	___
3. Number of units, if multi-family	1	___
4. Number of Bedrooms	3	___
5. Is this a worst case?	Yes	___
6. Conditioned floor area (ft²)	2440 ft²	___
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		___
a. U-factor:	Description Area	
(or Single or Double DEFAULT)	7a. (Dble Default) 350.0 ft²	___
b. SHGC:		___
(or Clear or Tint DEFAULT)	7b. (Clear) 350.0 ft²	___
8. Floor types		___
a. Slab-On-Grade Edge Insulation	R=0.0, 246.0(p) ft	___
b. N/A		___
c. N/A		___
9. Wall types		___
a. Frame, Wood, Exterior	R=13.0, 1501.0 ft²	___
b. Frame, Wood, Adjacent	R=13.0, 302.0 ft²	___
c. N/A		___
d. N/A		___
e. N/A		___
10. Ceiling types		___
a. Under Attic	R=30.0, 2546.0 ft²	___
b. N/A		___
c. N/A		___
11. Ducts		___
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 195.0 ft	___
b. N/A		___
12. Cooling systems		___
a. Central Unit	Cap: 49.0 kBtu/hr	___
	SEER: 11.00	___
b. N/A		___
c. N/A		___
13. Heating systems		___
a. Electric Heat Pump	Cap: 49.0 kBtu/hr	___
	HSPF: 7.30	___
b. N/A		___
c. N/A		___
14. Hot water systems		___
a. Electric Resistance	Cap: 40.0 gallons	___
	EF: 0.93	___
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)		___

Glass/Floor Area: 0.14

Total as-built points: 31699

Total base points: 32924

PASS

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

PREPARED BY: Y Ben [Signature]
DATE: 5-5-06

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: _____



¹ Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: 426 SW Markham St, Lake City, FL, 32024-

PERMIT #:

BASE				AS-BUILT											
GLASS TYPES .18 X Conditioned X BSPM = Points Floor Area				Overhang Type/SC Ornt Len Hgt Area X SPM X SOF = Points											
.18	2440.0	20.04	8801.6	Double, Clear	S	10.0	9.0	40.0	35.87	0.50	724.1				
				Double, Clear	S	10.0	6.0	60.0	35.87	0.46	994.8				
				Double, Clear	E	35.0	9.0	40.0	42.06	0.36	600.3				
				Double, Clear	E	1.5	6.0	30.0	42.06	0.91	1151.8				
				Double, Clear	S	1.5	2.7	5.0	35.87	0.63	112.8				
				Double, Clear	S	1.5	6.0	15.0	35.87	0.86	460.6				
				Double, Clear	W	1.5	6.0	30.0	38.52	0.91	1055.6				
				Double, Clear	W	1.5	2.0	4.0	38.52	0.60	92.8				
				Double, Clear	N	8.0	6.0	60.0	19.20	0.67	770.2				
				Double, Clear	N	8.0	8.0	20.0	19.20	0.71	273.0				
				Double, Clear	N	1.5	5.0	16.0	19.20	0.92	281.3				
				Double, Clear	E	1.5	6.0	30.0	42.06	0.91	1151.8				
				As-Built Total:								350.0			7669.1
				WALL TYPES Area X BSPM = Points				Type R-Value Area X SPM = Points							
Adjacent	302.0	0.70	211.4	Frame, Wood, Exterior	13.0		1501.0	1.50	2251.5						
Exterior	1501.0	1.70	2551.7	Frame, Wood, Adjacent	13.0		302.0	0.60	181.2						
Base Total:		1803.0	2763.1	As-Built Total:				1803.0	2432.7						
DOOR TYPES Area X BSPM = Points				Type Area X SPM = Points											
Adjacent	20.0	1.60	32.0	Adjacent Insulated			20.0	1.60	32.0						
Exterior	20.0	4.10	82.0	Exterior Insulated			20.0	4.10	82.0						
Base Total:		40.0	114.0	As-Built Total:				40.0	114.0						
CEILING TYPES Area X BSPM = Points				Type R-Value Area X SPM X SCM = Points											
Under Attic	2440.0	1.73	4221.2	Under Attic	30.0		2546.0	1.73 X 1.00	4404.6						
Base Total:		2440.0	4221.2	As-Built Total:				2546.0	4404.6						
FLOOR TYPES Area X BSPM = Points				Type R-Value Area X SPM = Points											
Slab	246.0(p)	-37.0	-9102.0	Slab-On-Grade Edge Insulation	0.0		246.0(p)	-41.20	-10135.2						
Raised	0.0	0.00	0.0												
Base Total:			-9102.0	As-Built Total:				246.0	-10135.2						

SUMMER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: 426 SW Markham St, Lake City, FL, 32024-

PERMIT #:

BASE				AS-BUILT			
INFILTRATION Area X BSPM = Points				Area X SPM = Points			
2440.0 10.21 24912.4				2440.0 10.21 24912.4			
Summer Base Points: 31710.3				Summer As-Built Points: 29397.6			
Total Summer X System = Cooling Points Multiplier Points				Total X Cap X Duct X System X Credit = Cooling Component Ratio Multiplier Multiplier Multiplier Points (System - Points) (DM x DSM x AHU)			
31710.3 0.4266 13527.6				(sys 1: Central Unit 49000 btuh ,SEER/EFF(11.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(INS) 29398 1.00 (1.09 x 1.147 x 0.91) 0.310 1.000 10377.3 29397.6 1.00 1.138 0.310 1.000 10377.3			

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: 426 SW Markham St, Lake City, FL, 32024-

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	2440.0	12.74	5595.4	Double, Clear	S	10.0	9.0	40.0	13.30	2.91	1549.2
				Double, Clear	S	10.0	6.0	60.0	13.30	3.40	2713.5
				Double, Clear	E	35.0	9.0	40.0	18.79	1.51	1132.7
				Double, Clear	E	1.5	6.0	30.0	18.79	1.04	583.8
				Double, Clear	S	1.5	2.7	5.0	13.30	1.80	119.7
				Double, Clear	S	1.5	6.0	15.0	13.30	1.12	222.9
				Double, Clear	W	1.5	6.0	30.0	20.73	1.02	636.4
				Double, Clear	W	1.5	2.0	4.0	20.73	1.13	94.1
				Double, Clear	N	8.0	6.0	60.0	24.58	1.02	1506.5
				Double, Clear	N	8.0	8.0	20.0	24.58	1.02	500.5
				Double, Clear	N	1.5	5.0	16.0	24.58	1.00	394.7
				Double, Clear	E	1.5	6.0	30.0	18.79	1.04	583.8
				As-Built Total:			350.0		10037.8		
WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	302.0	3.60	1087.2	Frame, Wood, Exterior	13.0		1501.0	3.40		5103.4	
Exterior	1501.0	3.70	5553.7	Frame, Wood, Adjacent	13.0		302.0	3.30		996.6	
Base Total:				1803.0		6640.9		As-Built Total:		1803.0 6100.0	
DOOR TYPES Area X BWPM = Points				Type			Area X WPM = Points				
Adjacent	20.0	8.00	160.0	Adjacent Insulated			20.0	8.00		160.0	
Exterior	20.0	8.40	168.0	Exterior Insulated			20.0	8.40		168.0	
Base Total:				40.0		328.0		As-Built Total:		40.0 328.0	
CEILING TYPES Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points				
Under Attic	2440.0	2.05	5002.0	Under Attic	30.0		2546.0	2.05 X 1.00		5219.3	
Base Total:				2440.0		5002.0		As-Built Total:		2546.0 5219.3	
FLOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Slab	246.0(p)	8.9	2189.4	Slab-On-Grade Edge Insulation	0.0		246.0(p)	18.80		4624.8	
Raised	0.0	0.00	0.0								
Base Total:				2189.4		As-Built Total:		246.0		4624.8	

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: 426 SW Markham St, Lake City, FL, 32024-

PERMIT #:

BASE				AS-BUILT					
INFILTRATION Area X BWPM = Points				Area X WPM = Points					
2440.0 -0.59 -1439.6				2440.0 -0.59 -1439.6					
Winter Base Points: 18316.1				Winter As-Built Points: 24870.3					
Total Winter X System = Heating Points Multiplier Points				Total X Cap X Duct X System X Credit = Heating Component Ratio Multiplier Multiplier Multiplier Points (System - Points) (DM x DSM x AHU)					
18316.1 0.6274 11491.5				(sys 1: Electric Heat Pump 49000 btuh ,EFF(7.3) Ducts:Unc(S),Unc(R),Int(AH),R6.0 24870.3 1.000 (1.069 x 1.169 x 0.93) 0.467 1.000 13501.7 24870.3 1.00 1.162 0.467 1.000 13501.7					

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: 426 SW Markham St, Lake City, FL, 32024-

PERMIT #:

BASE					AS-BUILT					
WATER HEATING					Tank	EF	Number of	X	Tank	X
Number of	X	Multiplier	=	Total	Volume		Bedrooms		Ratio	Multiplier
Bedrooms										
3		2635.00		7905.0	40.0	0.93	3		1.00	2606.67
										1.00
										7820.0
					As-Built Total:					7820.0

CODE COMPLIANCE STATUS

BASE							AS-BUILT						
Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points
13528		11492		7905		32924	10377		13502		7820		31699

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: 426 SW Markham St, Lake City, FL, 32024-

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 612.1.ABC.3.2. 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* = 84.0

The higher the score, the more efficient the home.

Thomas & Usina Noton, 426 SW Markham St, Lake City, FL, 32024-

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 49.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 11.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	Yes	c. N/A	
6. Conditioned floor area (ft ²)	2440 ft ²		
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		13. Heating systems	
a. U-factor:	Description Area	a. Electric Heat Pump	Cap: 49.0 kBtu/hr
(or Single or Double DEFAULT)	7a. (Dble Default) 350.0 ft ²		HSPF: 7.30
b. SHGC:		b. N/A	
(or Clear or Tint DEFAULT)	7b. (Clear) 350.0 ft ²	c. N/A	
8. Floor types			
a. Slab-On-Grade Edge Insulation	R=0.0, 246.0(p) ft	14. Hot water systems	
b. N/A		a. Electric Resistance	Cap: 40.0 gallons
c. N/A			EF: 0.93
9. Wall types		b. N/A	
a. Frame, Wood, Exterior	R=13.0, 1501.0 ft ²	c. Conservation credits	
b. Frame, Wood, Adjacent	R=13.0, 302.0 ft ²	(HR-Heat recovery, Solar	
c. N/A		DHP-Dedicated heat pump)	
d. N/A		15. HVAC credits	
e. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
10. Ceiling types		HF-Whole house fan,	
a. Under Attic	R=30.0, 2546.0 ft ²	PT-Programmable Thermostat,	
b. N/A		MZ-C-Multizone cooling,	
c. N/A		MZ-H-Multizone heating)	
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 195.0 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 EnergyStarTM 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.*



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 32256

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

"Excellence in Engineering & Geoscience"

JOB NO: 06-362

DATE TESTED: 6/24/06

REPORT OF IN-PLACE DENSITY TEST

24506

ASTM METHOD: D-2922 (Nuclear) D-2937 (Drive Cylinder) Other

PROJECT: Markham Res

CLIENT: TenKins

GENERAL CONTRACTOR: EARTHWORK CONTRACTOR:

SOIL USE: 2 SPECIFICATION REQUIREMENTS: 95

TECHNICIAN: DSIleen

MODIFIED (ASTM D-1557): STANDARD (ASTM D-698):

TEST NO.	TEST LOCATION	TEST DEPTH ELEV. LIFT#	PROCTOR NO.	WET DENS. LBS.CU.FT.	DRY DENS. LBS.CU.FT.	MOIST. PERCENT	% MAX.DENS.
1	Center N wall	115	12"	118.0	106.3	11.0	101
2	Center S wall	115		118.7	106.6	11.4	101
3	Center E wall	115		116.9	106.0	10.2	100
4	Center W wall	115		106.8	105.7	10.5	100
5	Center N wall	215		117.5	105.8	11.0	101
6	Center S wall	215		118.6	105.8	12.1	101
7	Center E wall	215		119.6	106.0	12.8	100
8	Center W wall	215		118.5	105.7	12.1	100

REMARKS: Footings permit # 24506

PROCTOR NO.	SOIL DESCRIPTION	PROCTOR VALUE	OPT.MOIST.
1	Timberland Pit	105.2	12.4
	Tan Fine Sand		

NOTE: SOIL USES: 1. Building Pad Fill 2. Trench Backfill 3. Base Course 4. Subbase-Stabilized Subgrade 5. Embankment
6. Subgrade - Natural Soil 7. Other

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 location and change with time, sound judgment should be exercised with regard to the use and interpretation of the data.



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"Excellence in Engineering & Geoscience"

JOB NO: 06-362

DATE TESTED: 6/24/06

REPORT OF IN-PLACE DENSITY TEST

ASTM METHOD: D-2922 (Nuclear) D-2937 (Drive Cylinder) Other

PROJECT: Markham Res.

CLIENT: Tenkens

GENERAL CONTRACTOR: EARTHWORK CONTRACTOR:

SOIL USE: 2 SPECIFICATION REQUIREMENTS: 95

TECHNICIAN: Dsteen

MODIFIED (ASTM D-1557): STANDARD (ASTM D-698):

TEST NO.	TEST LOCATION	TEST DEPTH ELEV. LIFT#	PROCTOR NO.	WET DENS. LBS.CU.FT.	DRY DENS. LBS.CU.FT.	MOIST. PERCENT	% MAX.DENS.
9	Center N Wall 3/5	12"	TP	116.9	105.6	10.7	100
10	" S Wall 3/5			117.2	105.5	11.1	100
11	" E Wall 3/5			119.7	107.0	11.9	102
12	" W Wall 3/5			118.4	106.5	11.2	101
13	" N Wall 4/5			119.1	106.8	11.5	102
14	" S Wall 4/5			117.7	105.0	12.1	100
15	" E Wall 4/5			118.4	105.8	11.9	101
16	" W Wall 4/5			119.5	106.6	17.5	101

REMARKS: Footings Permit # 24506

PROCTOR NO.	SOIL DESCRIPTION	PROCTOR VALUE	OPT.MOIST.
1	Timberline Pit	105.2	12.4
	Tan Fine Sand		

NOTE: SOIL USES: 1. Building Pad Fill 2. Trench Backfill 3. Base Course 4. Subbase-Stabilized Subgrade 5. Embankment
6. Subgrade - Natural Soil 7. Other

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 location and change with time, sound judgment should be exercised with regard to the use and interpretation of the data.



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JOB NO: 06-362

DATE TESTED: 6/16/06

REPORT OF IN-PLACE DENSITY TEST

ASTM METHOD: D-2922 (Nuclear) D-2937 (Drive Cylinder) Other

PROJECT: Markham Rcs.

CLIENT: Jenkins

GENERAL CONTRACTOR: EARTHWORK CONTRACTOR:

SOIL USE: 2 SPECIFICATION REQUIREMENTS: 95

TECHNICIAN: Dsteen

MODIFIED (ASTM D-1557): STANDARD (ASTM D-698):

TEST NO.	TEST LOCATION	TEST —DEPTH —ELEV. —LIFT#	PROCTOR NO.	WET DENS. LBS.CU.FT.	DRY DENS. LBS.CU.FT.	MOIST. PERCENT	% MAX.DENS.
17	Center N Wall 5/5	12"	TP	121.7	108.0	12.7	103.
18	" S Wall 5/5			120.9	108.3	11.6	103
19	" E Wall 5/5			119.8	107.1	11.9	102
20	" W Wall 5/5			120.0	107.0	12.1	102.

REMARKS: Footings Permit # 24506

PROCTOR NO.	SOIL DESCRIPTION	PROCTOR VALUE	OPT.MOIST.
1	Timbering Pit	105.2	12.4
	Tan Fine Sand		

NOTE: SOIL USES: 1. Building Pad Fill 2. Trench Backfill 3. Base Course 4. Subbase-Stabilized Subgrade 5. Embankment
6. Subgrade - Natural Soil 7. Other

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 location and change with time, sound judgment should be exercised with regard to the use and interpretation of the data.

New Construction Subterranean Termite Soil Treatment Record

OMB Approval No. 2502-0525

This form is completed by the licensed Pest Control Company.

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This information is mandatory and is required to obtain benefits. HUD may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.

Section 24 CFR 200.926d(b)(3) requires that the sites for HUD insured structures must be free of termite hazards. This information collection requires the builder to certify that an authorized Pest Control company performed all required treatment for termites, and that the builder guarantees the treated area against infestation for one year. Builders, pest control companies, mortgage lenders, homebuyers, and HUD as a record of treatment for specific homes will use the information collected. The information is not considered confidential.

This report is submitted for informational purposes to the builder on proposed (new) construction cases when soil treatment for prevention of subterranean termite infestation is specified by the builder, architect, or required by the lender, architect, FHA, or VA.

All contracts for services are between the Pest Control Operator and builder, unless stated otherwise.

#24506

Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.
Company Address: 301 NW Cole Terrace City Lake City State FL Zip 32056
Company Business License No. JB109478 Company Phone No. 386-733-3011
FHA/VA Case No. (if any) _____

Section 2: Builder Information

Company Name: Jenkins Termite Company Phone No. _____

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) 426 S.W. Ave Markham Dr
Lake City, FL

Type of Construction (More than one box may be checked) ☒ Slab ☐ Basement ☐ Crawl ☐ Other _____
Approximate Depth of Footing: Outside 12 Inside 12 Type of Fill Dirt

Section 4: Treatment Information

Date(s) of Treatment(s) 8-3-06
Brand Name of Product(s) Used G-Pro
EPA Registration No. 79676-1
Approximate Final Mix Solution % 0.25%
Approximate Size of Treatment Area: Sq. ft. 3521 Linear ft. 262 Linear ft. of Masonry Voids 262
Approximate Total Gallons of Solution Applied 617
Was treatment completed on exterior? ☐ Yes ☒ No
Service Agreement Available? ☐ Yes ☐ No

Note: Some state laws require service agreements to be issued. This form does not preempt state law.

Attachments (List) _____

Comments _____

Name of Applicator(s) Steve Brannon Certification No. (if required by State law) JF104376

The applicator has used a product in accordance with the product label and state requirements. All treatment materials and methods used comply with state and federal regulations.

Authorized Signature Steve Brannon Date 8-3-06

Warning: HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010, 1012; 31 U.S.C. 3729, 3802)

Form NPCA-99-B may still

form HUD-NPCA-99-B (04/2003)

COLUMBIA COUNTY OFFICE OF OCCUPANCY

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 24-5S-15-00470-000

Building permit No. 000024506

Use Classification SFD, UTILITY

Fire: 86.32

Permit Holder JENKINS CONSTRUCTING

Waste: 134.00

Owner of Building USINA & THOMAS MARKHAM/NOTON

Total: 220.32

Location: 426 SW JOE MARKHAM DRIVE, LAKE CITY, FL

Date: 02/07/2007



John Place

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)