

DATE 02/02/2004

Columbia County Building Permit**PERMIT**

This Permit Expires One Year From the Date of Issue

000021467

APPLICANT LINDA RODER PHONE 719.7143

ADDRESS RT. 9, BOX 646 LAKE CITY FL 32024

OWNER ISAAC CONSTRUCTION PHONE 719.7143

ADDRESS 487 NW LAKE VALLEY TERRACE LAKE CITY FL 32025

CONTRACTOR ISAAC CONSTRUCTION PHONE 719.7143

LOCATION OF PROPERTY LAKE JEFFERY ROAD TO SCENIC LAKE DR., L TO LAKE VALLEY
R., LOT IS 1/4 MILE ON R.

TYPE DEVELOPMENT SFD & UTILITY ESTIMATED COST OF CONSTRUCTION 101350.00

HEATED FLOOR AREA 2027.00 TOTAL AREA 3382.00 HEIGHT 23.00 STORIES 2

FOUNDATION CONC WALLS FRAMED ROOF PITCH 10/12 FLOOR CONC

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. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO. _____

PARCEL ID 22-3S-16-02269-113 SUBDIVISION LAKE VALLEY @ WOODBOROUGH

LOT 13 BLOCK _____ PHASE _____ UNIT _____ TOTAL ACRES _____

000000195 CBC 059323 *Linda Roder*
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
18"X3' MITERED 04-0042-N BLK JDK N
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: 1 FOOT ABOVE ROAD

NOC ON FILE

Check # or Cash 8470**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 \$ 510.00 CERTIFICATION FEE \$ 16.91 SURCHARGE FEE \$ 16.91

MISC FEES \$.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ _____ WASTE FEE \$ _____

FLOOD ZONE DEVELOPMENT FEE \$ _____ CULVERT FEE \$ 25.00 **TOTAL FEE** 618.82

INSPECTORS OFFICE *COA* CLERKS OFFICE *CN*

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.

ate _____

Building Permit Application

21467

Needs Culvert?
Needs Driveway?

Application No. 0401-22

Applicants Name & Address Isaac Construction Phone 719-7143
Rt 9 Box 646 Lake City, FL 32024

Owners Name & Address Isaac Construction Phone 719-7143

See Simple Owners Name & Address _____ Phone _____

Contractors Name & Address Isaac Construction, Inc. Phone _____
Rt 9 Box 646 Lake City, FL 32024

Legal Description of Property part of 22-35-16-02268-100

Location of Property Hwy 90 W. Turn R on Lake Jeffrey Rd. Left on Scenic Lake Drive,
R on Lake Valley Drive, Lot 1/4 mile on left.

Tax Parcel Identification No. 22-35-16-02268-100 Estimated Cost of Construction \$ 124,900.-

Type of Development SFD Number of Existing Dwellings on Property 0

Comprehensive Plan Map Category RESIDENTIAL LOW DENSITY Zoning Map Category RSF-2

Building Height 23' Number of Stories 2 Floor Area 2465 Total Acreage in Development _____

Distance From Property Lines (Set Backs) Front 25' Side 41'-4" Rear 170' Street _____

Flood Zone X Certification Date _____ Development Permit N/A

Bonding Company Name & Address _____

Architect/Engineer Name & Address Will Meyers Mark Disaway

Mortgage Lenders Name & Address CNB

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

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

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

Trisha Roder
Owner or Agent (including contractor)

Isaac Butcher
Contractor
CBC 059323
Contractor License Number

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

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

Personally Known _____ OR Produced Identification

Personally Known _____ OR Produced Identification

000000195

NOTICE OF COMMENCEMENT

Inst: 2004000812 Date: 01/14/2004 Time: 10:41

DC, P. DeWitt Cason, Columbia County B: 1004 P: 1480

STATE OF FLORIDA
COUNTY OF Columbia

The undersigned hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

1. Description of Property: Lot 13 Lake Valley at Woodborough
Part of 22-35-16-02268-100
2. General Description of Improvement: Single family dwelling for speculation
3. Owner Information:
 - a. Name and Address: Isaac Bratkovich of Isaac Construction
Rt 9 Box 646 Lake City FL 32024
 - b. Interest in Property: owner
 - c. Name and Address of Fee Simple Titleholder (if other than owner): _____
4. Contractor (name and address): _____
5. Surety:
 - a. Name and Address: NA
 - b. Amount of Bond: NA
6. Lender (name and address): CHB-
7. Persons within the State of Florida designated by owner upon whom notices or other documents may be served as provided by Florida Statutes 713.13(1)(a)(7): Linda Roder of Isaac Construction
8. In addition to himself, owner designates: NA

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

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

Prepared by + return to:
Isaac Construction
Rt 9 Box 646
Lake City, FL 32024

Isaac Bratkovich
Type Owner Name: Isaac Bratkovich

Type Owner Name: _____

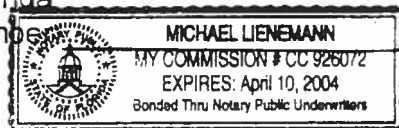
Sworn to and subscribed before me this 13th day of JANUARY, 20 04

Personally Known ✓

Produced ID _____

~~Did Not~~ Take an Oath _____

Michael Lienemann
Type Notary's Name MICHAEL LIENEMANN
Notary Public, State of Florida
Commission Expiry & Number _____



COLUMBIA COUNTY 9-1-1 ADDRESSING

263 NW Lake City Ave. * P. O. Box 2949 * Lake City, FL 32056-2949

PHONE: (386) 752-8787 * FAX: (386) 758-1365 * Email: ron_croft@columbiacountyfla.com

Addressing Maintenance

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

DATE ISSUED: January 13, 2004**ENHANCED 9-1-1 ADDRESS:****487 NW LAKE VALLEY TER (LAKE CITY, FL 32025)****Addressed Location 911 Phone Number:** NOT AVAIL.**OCCUPANT NAME:** NOT AVAIL.**OCCUPANT CURRENT MAILING ADDRESS:** _____**PROPERTY APPRAISER MAP SHEET NUMBER:** _____**PROPERTY APPRAISER PARCEL NUMBER:** 22-3S-16-02269-113**Other Contact Phone Number (If any):** _____**Building Permit Number (If known):** _____**Remarks:** LOT 13, LAKE VALLEY TER**Address Issued By:** _____

Columbia County 9-1-1 Addressing Department

**COLUMBIA COUNTY
9-1-1 ADDRESSING
APPROVED**

15.00
168.00

THIS INSTRUMENT WAS PREPARED BY:

TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

Inst:2003002976 Date:02/13/2003 Time:17:50

Doc Stamp-Deed : 168.00

DC, P. DeWitt Cason, Columbia County 8:774 P:1934

RETURN TO:

TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328
03-52
Property Appraiser's
Parcel Identification No.
02268-100

Lot 13

WARRANTY DEED

THIS INDENTURE, made this 5th day of February, 2003, between WOODBOROUGH CORPORATION, a corporation existing under the laws of the State of Florida, whose post office address is Route 8, Box 837, Lake City, Florida 32055, and having its principal place of business in the County of Columbia, State of Florida, party of the first part, and ISAAC CONSTRUCTION, INC., a Florida corporation, whose post office address is Route 9, Box 646, Lake City, Florida 32024, of the County of Columbia, State of Florida, party of the second part, WITNESSETH: that the said party of the first part, for and in consideration of the sum of Ten Dollars (\$10.00), to it in hand paid, the receipt whereof is hereby acknowledged, has granted, bargained, sold, aliened, remised, released, conveyed and confirmed, and by these presents doth grant, bargain, sell, alien, remise, release, convey and confirm unto the said party of the second part, and its successors and assigns forever, all that certain parcel of land lying and being in the County of Columbia and State of Florida, more particularly described as follows:

SEE EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF.

SUBJECT TO: Restrictions, easements and outstanding mineral rights of record, if any, and taxes for the current year.

GRANTOR RESERVES an easement for utilities over 15 feet along the right-of-way of NW Lake Valley Drive.

N.B. The property described herein shall be subject to the same covenants and restrictions as those of Lake Valley in Woodborough Phase 6 as recorded in O.R. Book 966, Page 40, Columbia County records.

TOGETHER with all the tenements, hereditaments and appurtenances, with every privilege, right, title, interest and estate, reversion, remainder and easement thereto belonging or in anywise appertaining.

Lot: B:
 Inst: 2003002976 Date: 02/13/2003 Time: 13:50
 Doc Stamp-Deed: 168.00
 DC, P. DeWitt Cason, Columbia County B: 974 P: 1935

TO HAVE AND TO HOLD the same in fee simple forever.

And the said party of the first part doth covenant with said party of the second part that it is lawfully seized of said premises; that they are free of all encumbrances, and that it has good right and lawful authority to sell the same; and the said party of the first part does hereby fully warrant the title to said land, and will defend the same against the lawful claims of all persons whosoever.

IN WITNESS WHEREOF, the party of the first part has caused these presents to be signed in its name by its President, and its corporate seal to be affixed the day and year above written.

Signed, sealed and delivered WOODBOROUGH CORPORATION
 in our presence:

DeEtte F. Brown
 (First Witness)

DeEtte F. Brown

Printed Name

By: William C. Rowan
 William C. Rowan, President

(CORPORATE SEAL)

Lisa C. Ogburn
 (Second Witness)

Lisa C. Ogburn

Printed Name

STATE OF FLORIDA
 COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 5th day of February, 2003, by WILLIAM C. ROWAN, President of WOODBOROUGH CORPORATION, a Florida corporation, on behalf of said corporation. He is personally known to me and did not take an oath.

DeEtte F. Brown
 Notary Public
 My Commission Expires: _____



Lot B

Inst:2003002976 Date:02/13/2003 Time:13:50

Doc Stamp-Deed : 168.00

B DC, P. Dawitt Cason, Columbia County B:974 P:1936

EXHIBIT "A"

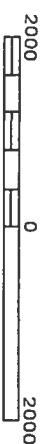
A parcel of land in Section 22, Township 3 South, Range 16 East, Columbia County, Florida, being more particularly described as follows:

COMMENCE at the Southwest corner of the East 350 feet of the Northwest $\frac{1}{4}$ of the Southeast $\frac{1}{4}$ and run North $89^{\circ}57'53''$ East along the South line of the East 350 feet of the Northwest $\frac{1}{4}$ of the Southeast $\frac{1}{4}$ a distance of 7.22 feet to a point on a curve concave to the East having a radius of 230.00 feet and a central angle of $02^{\circ}09'13''$; thence Southeasterly along the arc of said curve, being also the Easterly Right-of-Way line of NW Lake Valley Drive, a distance of 8.64 feet to the POINT OF BEGINNING; thence North $60^{\circ}51'49''$ East a distance of 14.24 feet to a point on the South line of the East 350 feet of the Northwest $\frac{1}{4}$ of the Southeast $\frac{1}{4}$; thence continue North $60^{\circ}51'49''$ East a distance of 215.76 feet; thence North $60^{\circ}51'52''$ East a distance of 46.62 feet to the Northwest corner of Lot 48 in Woodborough Phase 1, a subdivision as recorded in the Public Records of Columbia County, Florida in Plat Book 5, Pages 114-114A; thence South $29^{\circ}43'28''$ East along the West line of said Lot 48 in Woodborough Phase 1 a distance of 125.09; thence South $52^{\circ}07'22''$ West a distance of 30.88 feet to a point on the North line of the East 350 feet of the Southwest $\frac{1}{4}$ of the Southeast $\frac{1}{4}$; thence continue South $52^{\circ}07'22''$ West a distance of 224.79 feet to a point on the Easterly Right-of-Way line of NW Lake Valley Drive; thence North $37^{\circ}52'38''$ West along said Easterly Right-of-Way line of NW Lake Valley Drive a distance of 165.86 feet to the POINT OF BEGINNING.

C401-22



APPROXIMATE SCALE IN FEET



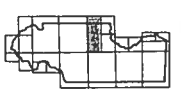
NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

COLUMBIA
COUNTY,
FLORIDA
(UNINCORPORATED AREAS)

PANEL 125 OF 290

PANEL LOCATION

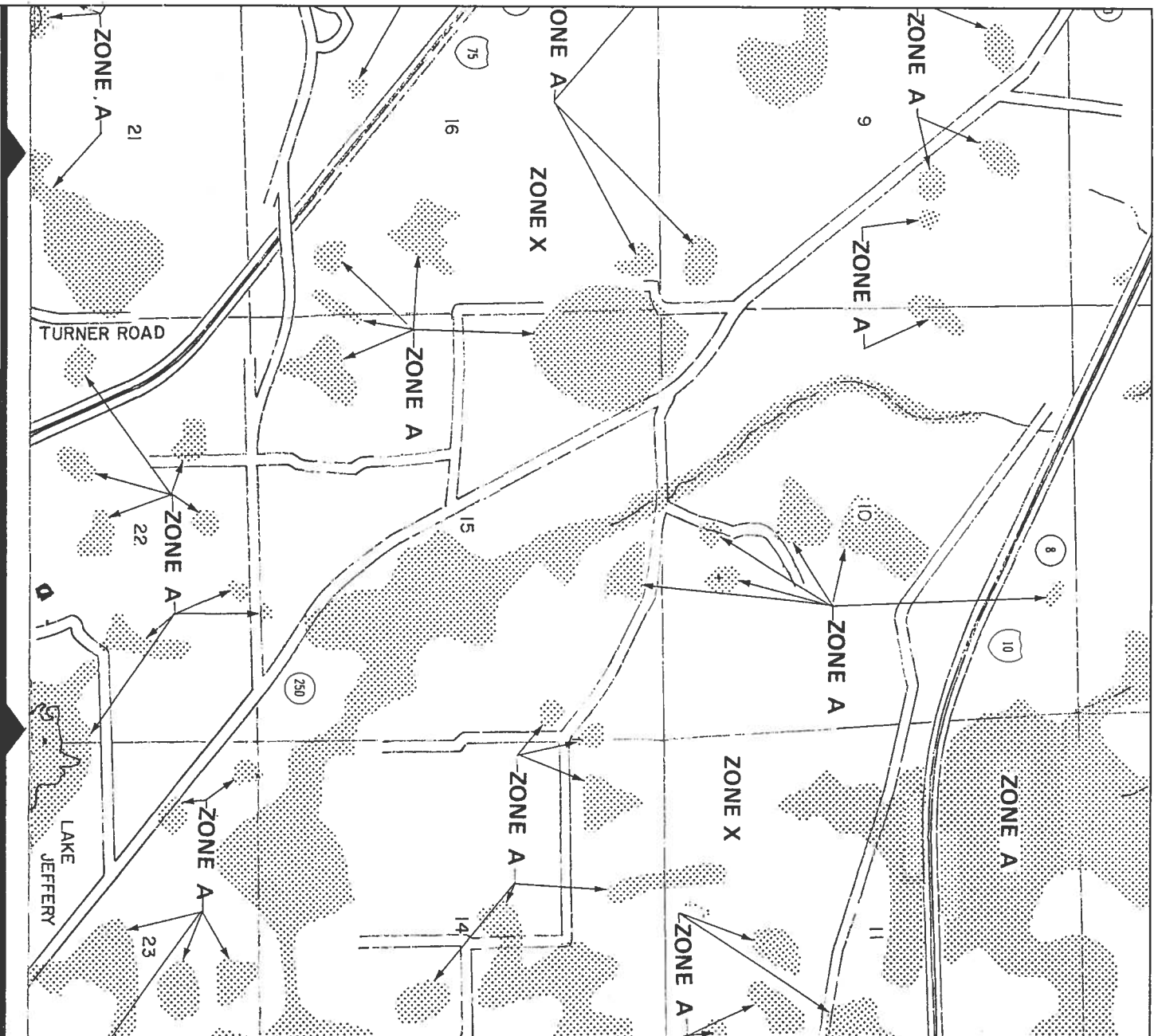


COMMUNITY-PANEL NUMBER
120070 0125 B
EFFECTIVE DATE:
JANUARY 6, 1988

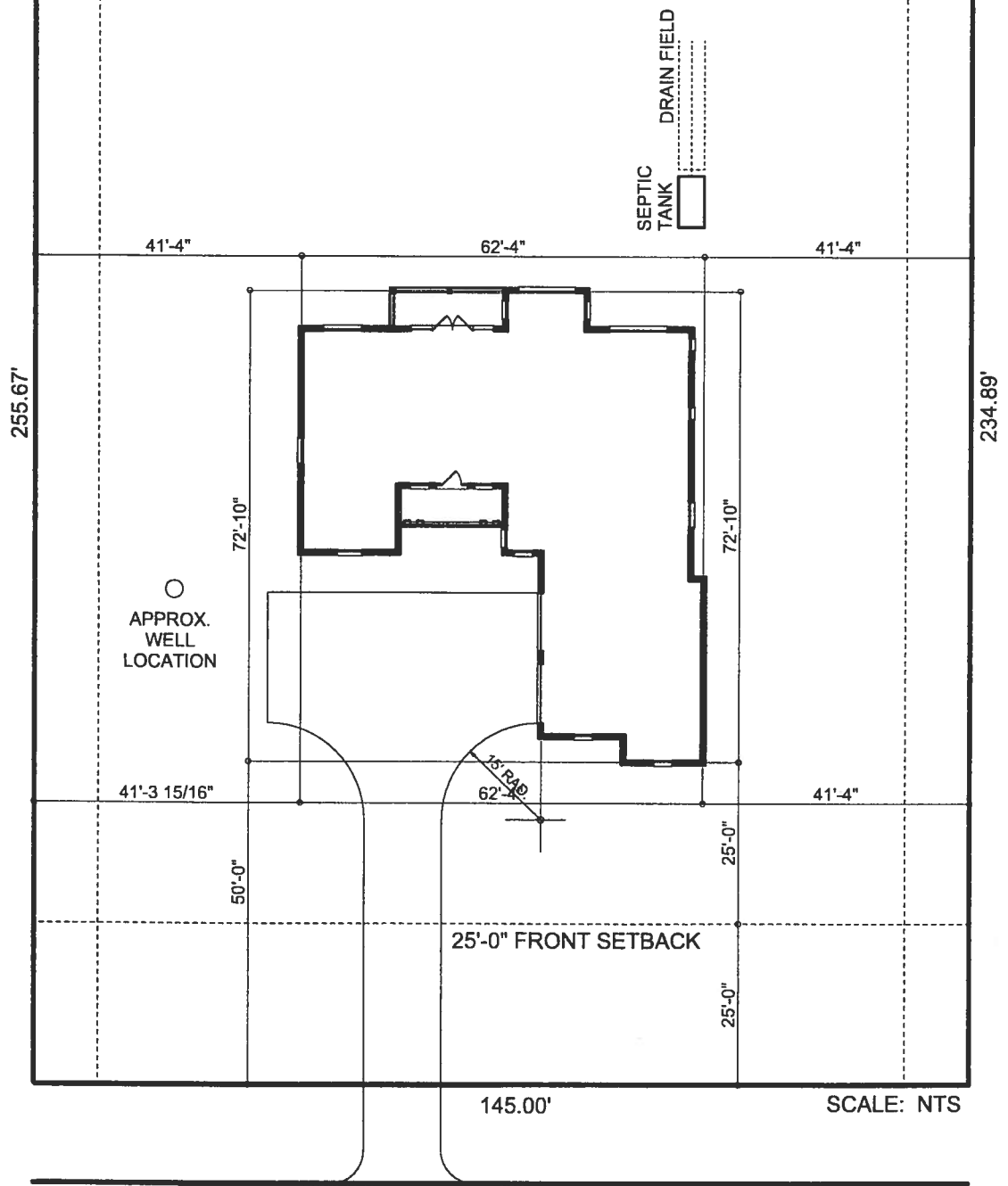


Federal Emergency Management Agency

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/nflisdo.



THE LEXINGTON MODEL
(SPEC 3)
LOT 13
WOODBOROUGH
(0.82 AC.)



NW LAKE VALLEY TERRACE

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Whole Building Performance Method A

Project Name:	Lexington Lot 13 Woodborough	Builder:	Isaac Construction, Inc.
Address:	Lot: 13, Sub: Woodborough, Plat:	Permitting Office:	Columbia County
City, State:	Lake City, FL 32055-	Permit Number:	21467
Owner:	Isaac Construction, Inc.	Jurisdiction Number:	221000
Climate Zone:	North		

- | | | | |
|--|--------------------------------|--|-------------------|
| 1. New construction or existing | New | 12. Cooling systems | |
| 2. Single family or multi-family | Single family | a. Central Unit | Cap: 59.2 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? | No | c. N/A | |
| 6. Conditioned floor area (ft ²) | 2465 ft ² | | |
| 7. Glass area & type | | 13. Heating systems | |
| a. Clear - single pane | 0.0 ft ² | a. Electric Heat Pump | Cap: 59.2 kBtu/hr |
| b. Clear - double pane | 416.0 ft ² | | HSPF: 7.40 |
| c. Tint/other SHGC - single pane | 0.0 ft ² | b. N/A | |
| d. Tint/other SHGC - double pane | 0.0 ft ² | c. N/A | |
| 8. Floor types | | 14. Hot water systems | |
| a. Slab-On-Grade Edge Insulation | R=0.0, 221.6(p) ft | a. Electric Resistance | Cap: 50.0 gallons |
| b. Raised Wood, Adjacent | R=19.0, 438.0ft ² | | EF: 0.90 |
| c. N/A | | b. N/A | |
| 9. Wall types | | c. Conservation credits | |
| a. Frame, Wood, Exterior | R=13.0, 2029.3 ft ² | (HR-Heat recovery, Solar | |
| b. Frame, Wood, Adjacent | R=13.0, 207.0 ft ² | 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, 2465.4 ft ² | 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, 60.0 ft | | |
| b. N/A | | | |

Glass/Floor Area: 0.17

Total as-built points: 33750

Total base points: 34568

PASS

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

PREPARED BY: [Signature]DATE: 1-5-04

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: Lot: 13, Sub: Woodborough, Plat: , Lake City, FL, 32055-

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	2465.0	20.04	8891.7	Double, Clear	W	1.5	5.3	30.0	36.99	0.89	988.9
				Double, Clear	S	1.5	1.3	4.0	34.50	0.50	68.9
				Double, Clear	E	1.5	7.3	28.0	40.22	0.94	1060.3
				Double, Clear	W	7.5	8.0	80.0	36.99	0.54	1611.8
				Double, Clear	E	7.5	8.0	13.3	40.22	0.53	285.0
				Double, Clear	E	7.5	7.3	36.0	40.22	0.51	739.0
				Double, Clear	E	7.5	1.6	6.7	40.22	0.36	96.2
				Double, Clear	S	4.0	6.3	18.0	34.50	0.60	374.3
				Double, Clear	W	1.5	6.3	54.0	36.99	0.92	1838.5
				Double, Clear	N	1.5	6.3	18.0	19.22	0.94	326.3
				Double, Clear	S	1.5	6.3	18.0	34.50	0.87	538.3
				Double, Clear	E	1.5	6.3	18.0	40.22	0.92	666.0
				Double, Clear	N	1.5	5.3	20.0	19.22	0.92	355.5
				Double, Clear	W	1.5	5.3	45.0	36.99	0.89	1483.3
				Double, Clear	N	1.5	4.3	16.0	19.22	0.89	274.4
				Double, Clear	E	1.5	5.8	11.0	40.22	0.91	400.7
				As-Built Total:				416.0	11107.4		
WALL TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	207.0	0.70	144.9	Frame, Wood, Exterior	13.0		2029.3	1.50		3044.0	
Exterior	2029.3	1.70	3449.8	Frame, Wood, Adjacent	13.0		207.0	0.60		124.2	
Base Total:	2236.3		3594.7	As-Built Total:			2236.3			3168.2	
DOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	0.0	0.00	0.0	Exterior Insulated			20.0	4.10		82.0	
Exterior	20.0	6.10	122.0								
Base Total:	20.0		122.0	As-Built Total:			20.0			82.0	
CEILING TYPES Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points				
Under Attic	2465.4	1.73	4265.1	Under Attic	30.0		2465.4	1.73 X 1.00		4265.1	
Base Total:	2465.4		4265.1	As-Built Total:			2465.4			4265.1	
FLOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Slab	221.6(p)	-37.0	-8199.2	Slab-On-Grade Edge Insulation	0.0		221.6(p)	-41.20		-9129.9	
Raised	438.0	-3.99	-1747.6	Raised Wood, Adjacent	19.0		438.0	0.40		175.2	
Base Total:			-9946.8	As-Built Total:			659.6			-8954.7	

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

ADDRESS: Lot: 13, Sub: Woodborough, Plat: , Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT						
INFILTRATION Area X BSPM = Points				Area X SPM = Points						
2465.0 10.21 25167.7				2465.0 10.21 25167.7						
Summer Base Points: 32094.4				Summer As-Built Points: 34835.6						
Total Summer Points	X	System Multiplier	= Cooling Points	Total Component	X	Cap Ratio	X Duct Multiplier	X System Multiplier	X Credit Multiplier	= Cooling Points
						(DM x DSM x AHU)				
32094.4		0.4266	13691.5	34835.6	1.000	(1.090 x 1.147 x 1.00)	0.310	1.000		13513.2
				34835.6	1.00	1.250	0.310	1.000		13513.2

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 13, Sub: Woodborough, Plat: , Lake City, FL, 32055-

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	2465.0	12.74	5652.7	Double, Clear	W	1.5	5.3	30.0	10.77	1.03	332.6
				Double, Clear	S	1.5	1.3	4.0	4.03	2.98	48.0
				Double, Clear	E	1.5	7.3	28.0	9.09	1.03	261.0
				Double, Clear	W	7.5	8.0	80.0	10.77	1.16	999.2
				Double, Clear	E	7.5	8.0	13.3	9.09	1.27	153.5
				Double, Clear	E	7.5	7.3	36.0	9.09	1.29	423.5
				Double, Clear	E	7.5	1.6	6.7	9.09	1.51	91.8
				Double, Clear	S	4.0	6.3	18.0	4.03	1.97	143.1
				Double, Clear	W	1.5	6.3	54.0	10.77	1.02	593.8
				Double, Clear	N	1.5	6.3	18.0	14.30	1.00	258.0
				Double, Clear	S	1.5	6.3	18.0	4.03	1.11	80.2
				Double, Clear	E	1.5	6.3	18.0	9.09	1.03	169.0
				Double, Clear	N	1.5	5.3	20.0	14.30	1.00	287.0
				Double, Clear	W	1.5	5.3	45.0	10.77	1.03	498.9
				Double, Clear	N	1.5	4.3	16.0	14.30	1.01	230.0
				Double, Clear	E	1.5	5.8	11.0	9.09	1.04	103.8
				As-Built Total:		416.0			4673.4		
WALL TYPES Area X BWPM = Points				Type		R-Value		Area X WPM = Points			
Adjacent	207.0	3.60	745.2	Frame, Wood, Exterior		13.0		2029.3		3.40 6899.6	
Exterior	2029.3	3.70	7508.4	Frame, Wood, Adjacent		13.0		207.0		3.30 683.1	
Base Total:				2236.3		8253.6		As-Built Total:		2236.3 7582.7	
DOOR TYPES Area X BWPM = Points				Type		R-Value		Area X WPM = Points			
Adjacent	0.0	0.00	0.0	Exterior Insulated				20.0		8.40 168.0	
Exterior	20.0	12.30	246.0								
Base Total:				20.0		246.0		As-Built Total:		20.0 168.0	
CEILING TYPES Area X BWPM = Points				Type		R-Value		Area X WPM X WCM = Points			
Under Attic	2465.4	2.05	5054.1	Under Attic		30.0		2465.4		2.05 X 1.00 5054.1	
Base Total:				2465.4		5054.1		As-Built Total:		2465.4 5054.1	
FLOOR TYPES Area X BWPM = Points				Type		R-Value		Area X WPM = Points			
Slab	221.6(p)	8.9	1972.2	Slab-On-Grade Edge Insulation		0.0		221.6(p)		18.80 4166.1	
Raised	438.0	0.96	420.5	Raised Wood, Adjacent		19.0		438.0		2.20 963.6	
Base Total:				2392.7		5129.7		As-Built Total:		659.6 5129.7	

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 13, Sub: Woodborough, Plat: , Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT						
INFILTRATION Area X BWPM = Points				Area X WPM = Points						
2465.0 -0.59 -1454.3				2465.0 -0.59 -1454.3						
Winter Base Points:			20144.8	Winter As-Built Points:			21153.5			
Total Winter Points	X	System Multiplier	= Heating Points	Total Component	X	Cap Ratio	X Duct Multiplier	X System Multiplier	X Credit Multiplier	= Heating Points
				(DM x DSM x AHU)						
20144.8		0.6274	12638.8	21153.5	1.000	(1.069 x 1.169 x 1.00)	0.461	1.000		12181.4
				21153.5	1.00	1.250	0.461	1.000		12181.4

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 13, Sub: Woodborough, Plat: , Lake City, FL, 32055-

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	606.1.ABC.1.1	Maximum: .3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Exterior & Adjacent Walls	606.1.ABC.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	
Floors	606.1.ABC.1.2.2	Penetrations/openings >1/8" sealed unless backed by truss or joint members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	
Ceilings	606.1.ABC.1.2.3	Between walls & ceilings; penetrations of ceiling plane of top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.	
Recessed Lighting Fixtures	606.1.ABC.1.2.4	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC rated with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	606.1.ABC.1.2.5	Air barrier on perimeter of floor cavity between floors.	
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* = 85.5

The higher the score, the more efficient the home.

Isaac Construction, Inc., Lot: 13, Sub: Woodborough, Plat: , Lake City, FL, 32055-

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 59.2 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?	No	c. N/A	
6. Conditioned floor area (ft ²)	2465 ft ²		
7. Glass area & type		13. Heating systems	
a. Clear - single pane	0.0 ft ²	a. Electric Heat Pump	Cap: 59.2 kBtu/hr
b. Clear - double pane	416.0 ft ²		HSPF: 7.40
c. Tint/other SHGC - single pane	0.0 ft ²	b. N/A	
d. Tint/other SHGC - double pane	0.0 ft ²	c. N/A	
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=0.0, 221.6(p) ft	a. Electric Resistance	Cap: 50.0 gallons
b. Raised Wood, Adjacent	R=19.0, 438.0ft ²		EF: 0.90
c. N/A		b. N/A	
9. Wall types		c. Conservation credits	
a. Frame, Wood, Exterior	R=13.0, 2029.3 ft ²	(HR-Heat recovery, Solar	
b. Frame, Wood, Adjacent	R=13.0, 207.0 ft ²	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, 2465.4 ft ²	RB-Attic radiant barrier,	
b. N/A		MZ-C-Multizone cooling,	
c. N/A		MZ-H-Multizone heating)	
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 60.0 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.*

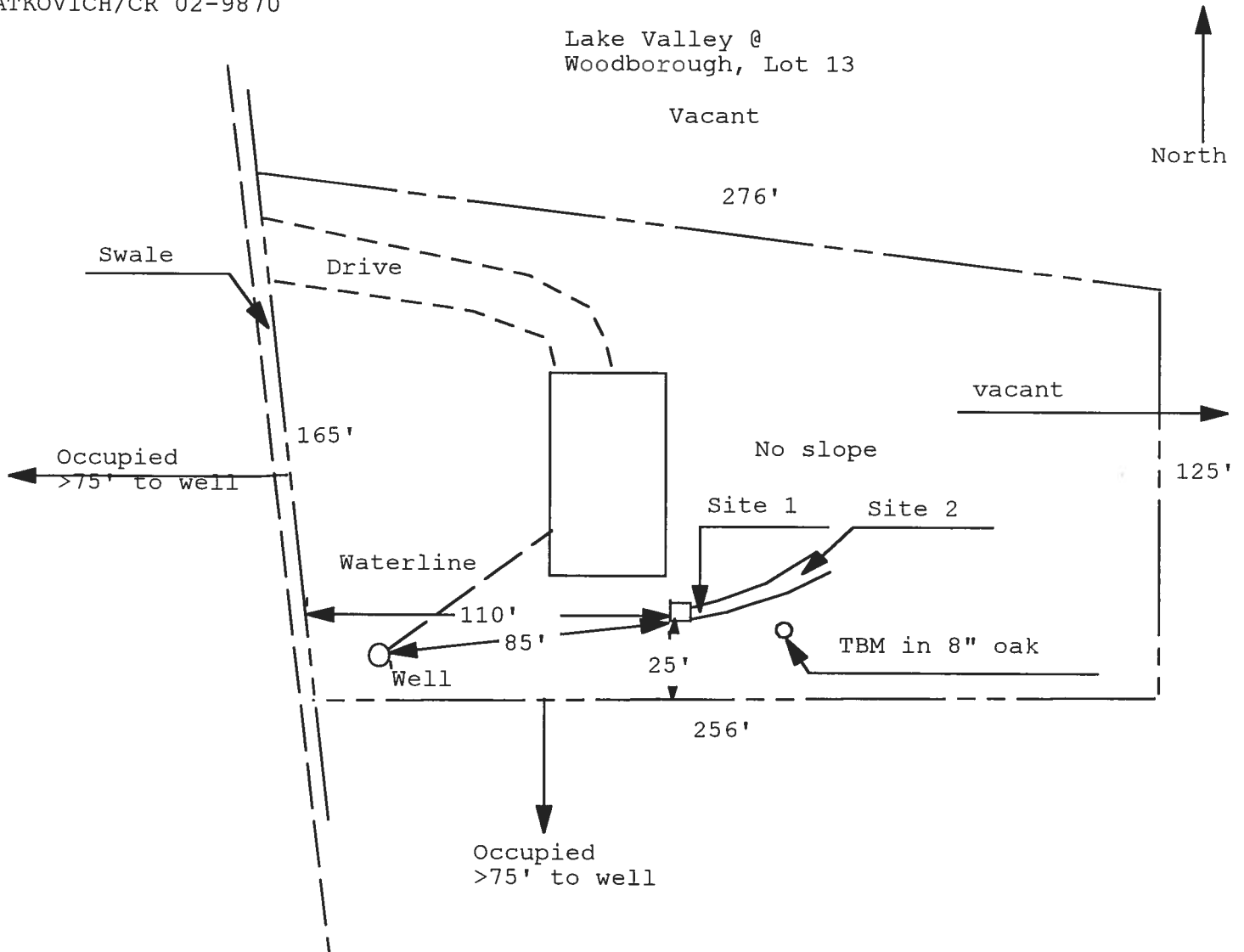
EnergyGauge® (Version: FLRCSB v3.21)

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

Permit Application Number: 04-0042W

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

BRATKOVICH/CR 02-9870



1 inch = 50 feet

Site Plan Submitted By Paul Lloyd Date 3/31/03
 Plan Approved ✓ Not Approved _____ Date 3/31/03
 By Paul Lloyd MA & Z CPHU
 1-16-04

Notes: _____

Columbia County Building Department Culvert Permit

Culvert Permit No.
000000195

DATE 02/02/2004 PARCEL ID # 22-3S-16-02269-113
APPLICANT LINDA RODER/ISAAC CONSTRUCTION PHONE 719.7143
ADDRESS RT. 9, BOX 646 LAKE CITY FL 3204
OWNER ISAAC CONSTRUCTION PHONE 719.7143
ADDRESS _____ FL _____
CONTRACTOR ISAAC BRATKOVICH PHONE 719.7143
LOCATION OF PROPERTY LAKE JEFFERY RD, L ON SCENIC LAKE DR., R ON LAKE VALLEY DR., LOT IS
1/4 MILE ON LEFT.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT LAKE VALL @ W/BOROUGH 13

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



COLUMBIA COUNTY OFFICE VALLEY

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 22-3S-16-02269-113

Building permit No. 000021467

Use Classification SFD & UTILITY

Fire: 62.37

Permit Holder ISAAC CONSTRUCTION

Waste: 134.75

Owner of Building ISAAC CONSTRUCTION

Total: 197.12

Location: 487 NW LAKE VALLEY TERR, LAKE CITY, FL 32025

Date: 11/09/2004



Harry Decker

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)