

DATE 03/10/2004

Columbia County Building Permit**PERMIT**

This Permit Expires One Year From the Date of Issue

000021604

APPLICANT LINDA RODER

PHONE 719-7143

ADDRESS RT 9 BOX 646

LAKE CITY

FL 32024

OWNER ISAAC BRATKOVICH

PHONE 719-7143

ADDRESS 1005 SW WALTER AVE

LAKE CITY

FL 32024

CONTRACTOR ISAAC CONSTRUCTION

PHONE

LOCATION OF PROPERTY

47S, TURN ON WALTER AVE, 3 MILES ON LEFT, RIGHT BEFORE
ROSE CREEK PLANTATION

TYPE DEVELOPMENT SFD, UTILITY

ESTIMATED COST OF CONSTRUCTION

232350.00

HEATED FLOOR AREA 4647.00

TOTAL AREA 6354.00

HEIGHT 00

STORIES 1

FOUNDATION CONC

WALLS FRAMED

ROOF PITCH 8/12

FLOOR SLAB

LAND USE & ZONING A-3

MAX. HEIGHT 31

Minimum Set Back Requirements

STREET-FRONT

30.00

REAR

25.00

SIDE

25.00

NO. EX. D.U.

0

FLOOD ZONE

X

DEVELOPMENT PERMIT NO.

PARCEL ID 01-5S-16-03397-000

SUBDIVISION

LOT

BLOCK

PHASE

UNIT

TOTAL ACRES 5.00

000000225

N

CBC059323

Culvert Permit No.

Culvert Waiver

Contractor's License Number

Applicant Owner Contractor

PERMIT

04-0015-N

BK

RJ

Y

Driveway Connection

Septic Tank Number

LU & Zoning checked by

Approved for Issuance

New Resident

COMMENTS: ONE FOOT ABOVE ROAD, NOC ON FILE

Check # or Cash \$818

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

date/app. by

Heat & Air Duct

date/app. by

Peri. beam (Lintel)

date/app. by

Permanent power

date/app. by

C.O. Final

date/app. by

Culvert

date/app. by

M/H tie downs, blocking, electricity and plumbing

date/app. by

Pool

date/app. by

Reconnection

date/app. by

Pump pole

date/app. by

Utility Pole

date/app. by

M/H Pole

date/app. by

Travel Trailer

date/app. by

Re-roof

date/app. by

BUILDING PERMIT FEE \$ 1165.00

CERTIFICATION FEE \$ 31.77

SURCHARGE FEE \$ 31.77

MISC. FEES \$.00

ZONING CERT. FEE \$ 50.00

FIRE FEE \$

WASTE FEE \$

FLOOD ZONE DEVELOPMENT FEE \$

CULVERT FEE \$ 25.00

TOTAL FEE 1303.54

INSPECTORS OFFICE

CLERKS OFFICE

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

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

This Permit Must Be Prominently Posted on Premises During Construction

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

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

ate _____
roof 5-1
left message 9AM 3/10/04
Building Permit Application
225/21604
needs Gilbert needs driveway
Application No. 0312-66

Applicants Name & Address Linda of Isaac Construction Phone 386-719-7143
Rt 9 Box 646 Lake City, FL 32024
Owners Name & Address Isaac & Emily Bratkovich Phone 719-3976
Rt 9 Box 646 Lake City, FL 32024
Simple Owners Name & Address _____ Phone _____
Contractors Name & Address Isaac Construction Phone 719-7143
Rt 9 Box 646 Lake City, FL 32024
Legal Description of Property 01-55-16-03397-000
Location of Property 475 to Walter Ave - About 3 miles on left - right before
Rose Creek Plantation
Parcel Identification No. 03397-000 Estimated Cost of Construction \$ 215,000
Type of Development SFD Number of Existing Dwellings on Property 0
Comprehensive Plan Map Category A-3 Zoning Map Category A-3
Building Height 22'6" Number of Stories 2 Floor Area 4647 Total Acreage in Development 5
Distance From Property Lines (Set Backs) Front 280' Side 175' Rear 120' Street _____
Road Zone X Certification Date _____ Development Permit N/A
Lending Company Name & Address _____
Architect/Engineer Name & Address Daniel Shapiro and Mark Disosway
Mortgage Lenders Name & Address First Federal State Bank

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. YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

Linda Roder _____
Owner or Agent (Including contractor)
Isaac Bratkovich _____
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

03B-66



NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

COLUMBIA
COUNTY,
FLORIDA
(UNINCORPORATED AREAS)

PANEL 175 OF 290

PANEL LOCATION



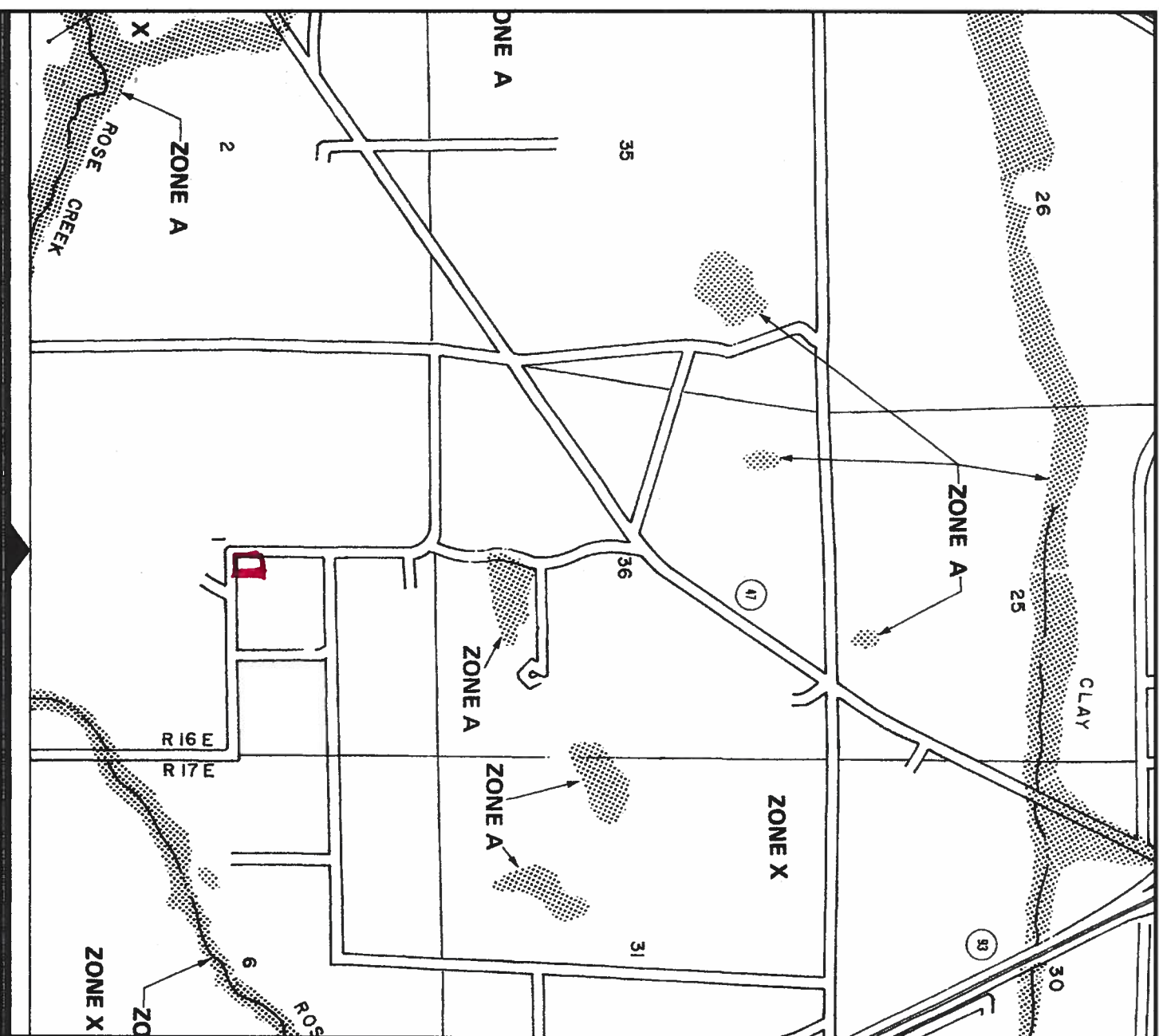
COMMUNITY-PANEL NUMBER
120070 0175 B

EFFECTIVE DATE:
JANUARY 6, 1988

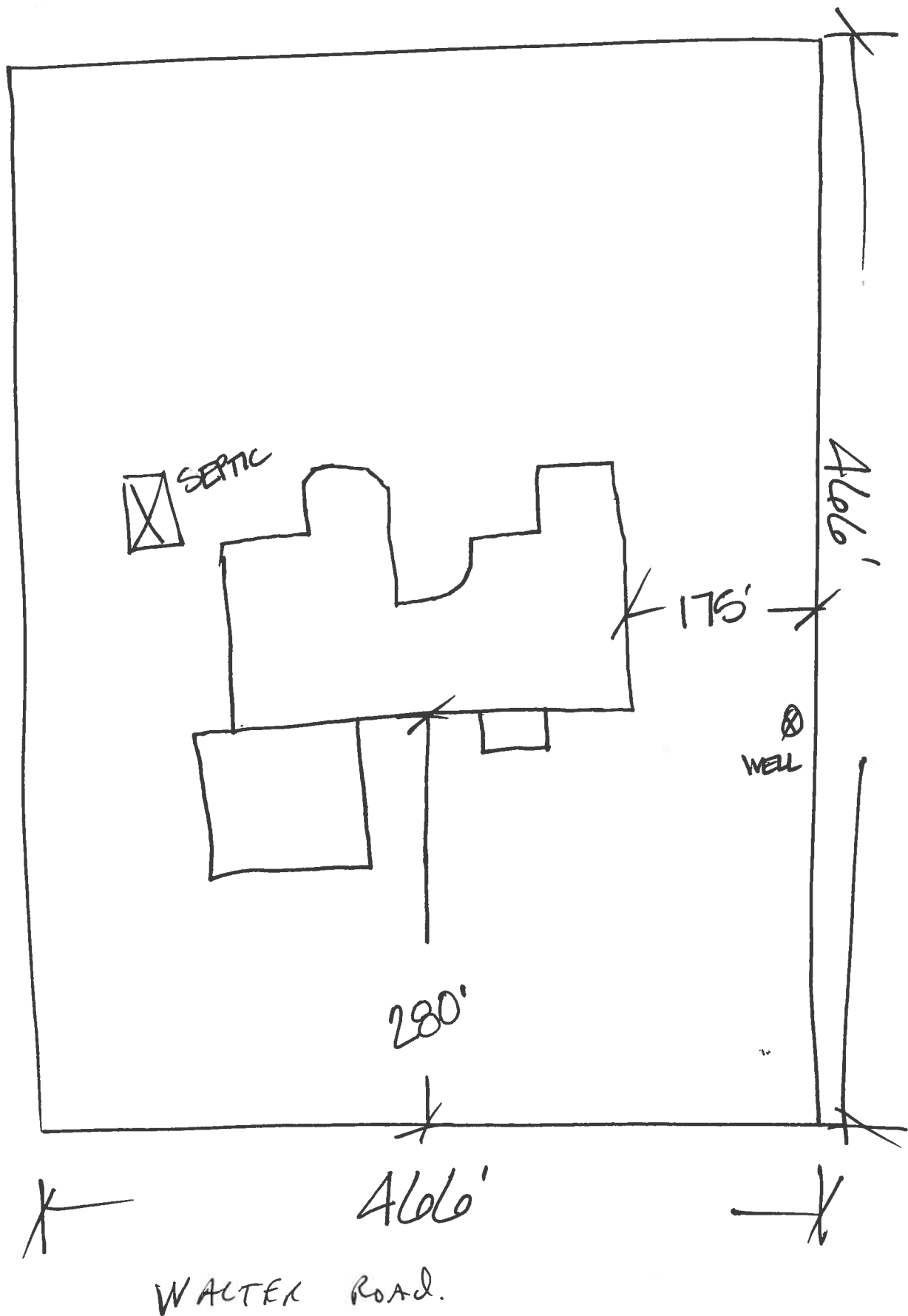
Federal Emergency Management Agency



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/nfltsd.



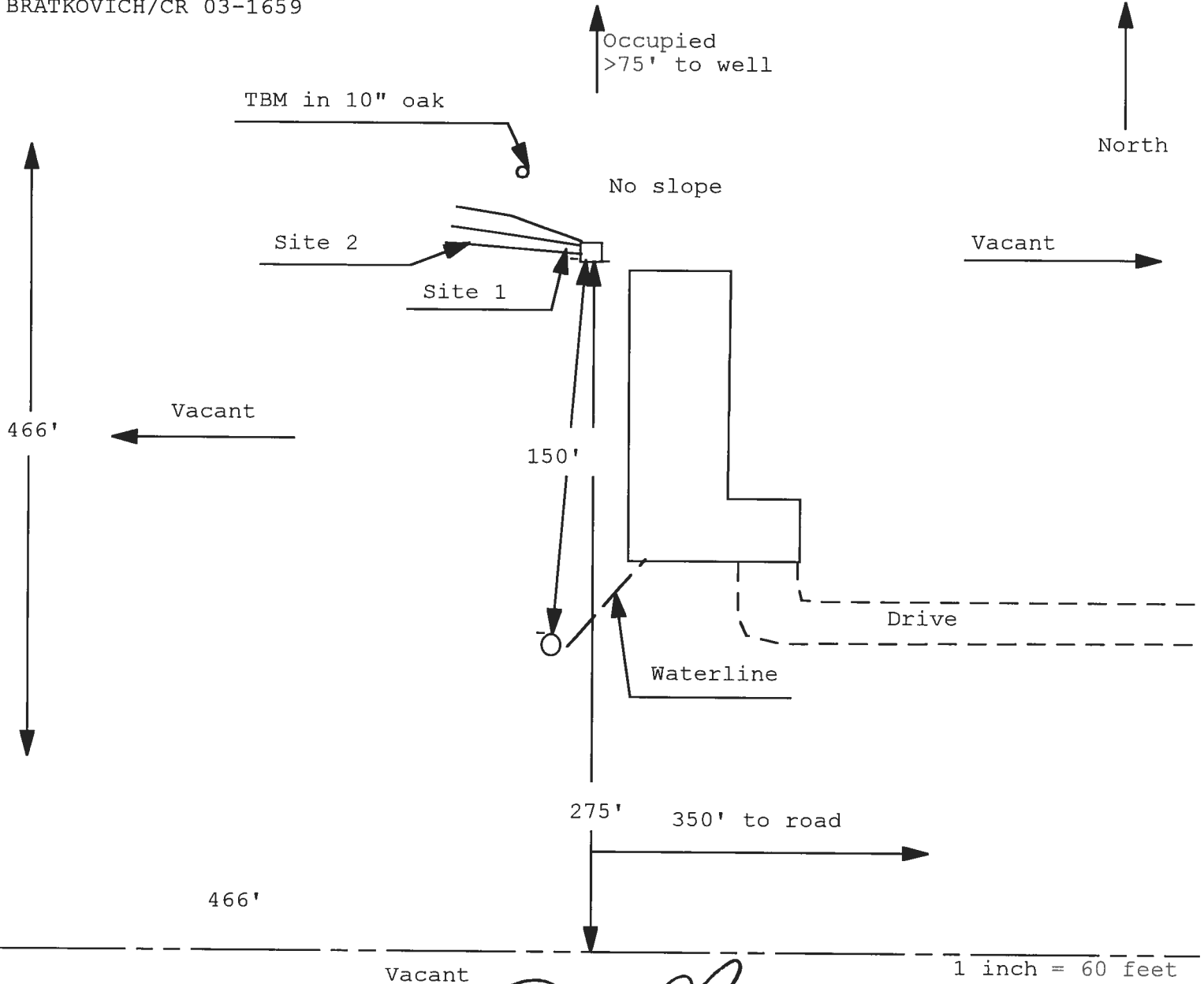
Isaac + Emmy Bratkovich



Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan
Permit Application Number: 04-0015-N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

BRATKOVICH/CR 03-1659



Site Plan Submitted By Paul Lopez Date 1/6/04
Plan Approved Paul Lopez Not Approved Mr. [Signature] Date 1/6/04
By Paul Lopez Mr. [Signature] (CPHU)
Notes: 1-7-04



PAYMENT FORM: Check 6954

PAYMENT DATE: January 7, 2004

RECIEVED FROM: Bratkovich, Isaac

AMOUNT PAID: \$ 140.00

PAYING ON: 12-SC-05213 04-0015-N

PROPERTY LOCATION:

Lot: Block: Not Applicable
Property ID 01-5S-16-03397-000

<u>EXPLANATION or DESCRIPTION:</u>	<u>FEE</u>
Application for permitting of an onsite sewage treatment and disposal system, which includes application and plan review	\$ 25.00
Site evaluation for a new system which includes an evaluation of criteria specified in rule 64E-6.004(3)	\$ 0.00
Site evaluation for a system repair which includes an evaluation of criteria specified in rule 64E-6.015(1)	\$ 0.00
Site re-evaluation, new or repair	\$ 0.00
Permit for new system, including standard subsurface, filled or mounded system	\$ 55.00
New system installation inspection	\$ 55.00
Research fee to be collected in addition to and concurrent with the permit for a new system installation fee	\$ 5.00
Repair permit issuance, which includes inspection	\$ 0.00
Inspection of a system previously in use	\$ 0.00
Reinspection fee per visit for site inspections after system construction approval or Installation reinspection for non-compliant system per each visit	\$ 0.00
System abandonment permit, includes permit issuance and inspection	\$ 0.00
Variance application for a single-family residence per each lot or building site	\$ 0.00
Variance application for a multi-family residence or commercial building per each building site	\$ 0.00

RECEIVED BY: NCK

AUDIT CONTROL NO. S040107001

Residential System Sizing Calculation

Summary

Isaac Bratkovich
Walter Avenue
Lake City, FL

Project Title:
Bratkovich Residence

Code Only
Professional Version
Climate: North

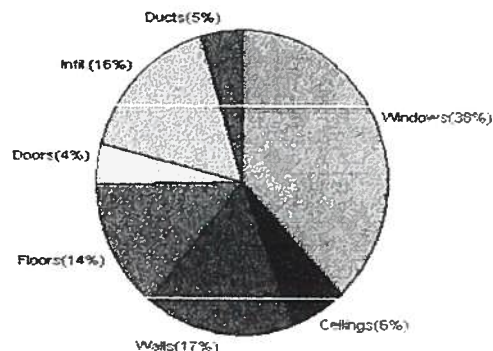
1/7/2004

Location for weather data: Gainesville - Defaults: Latitude(29) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(51gr.)			
Winter design temperature	31 F	Summer design temperature	93 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	39 F	Summer temperature difference	18 F
Total heating load calculation	83068 Btuh	Total cooling load calculation	80934 Btuh
Submitted heating capacity	96000 Btuh	Submitted cooling capacity	96000 Btuh
Submitted as % of calculated	115.6 %	Submitted as % of calculated	118.6 %

WINTER CALCULATIONS

Winter Heating Load (for 4620 sqft)

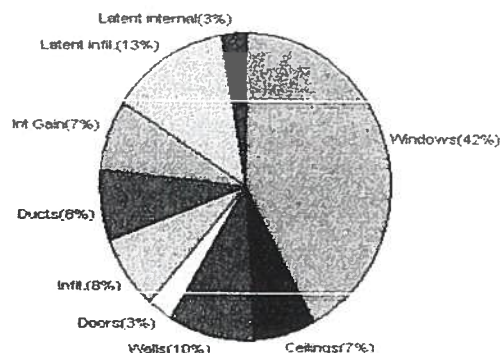
Load component		Load
Window total	1121 sqft	31724 Btuh
Wall total	4832 sqft	13827 Btuh
Door total	216 sqft	3700 Btuh
Ceiling total	3840 sqft	4992 Btuh
Floor total	368 ft	11629 Btuh
Infiltration	309 cfm	13240 Btuh
Subtotal		79112 Btuh
Duct loss		3956 Btuh
TOTAL HEAT LOSS		83068 Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 4620 sqft)

Load component		Load
Window total	1121 sqft	34166 Btuh
Wall total	4832 sqft	7870 Btuh
Door total	216 sqft	2156 Btuh
Ceiling total	3840 sqft	5453 Btuh
Floor total		0 Btuh
Infiltration	309 cfm	6111 Btuh
Internal gain		6000 Btuh
Subtotal(sensible)		61755 Btuh
Duct gain		6176 Btuh
Total sensible gain		67931 Btuh
Latent gain(infiltration)		10703 Btuh
Latent gain(internal)		2300 Btuh
Total latent gain		13003 Btuh
TOTAL HEAT GAIN		80934 Btuh



EnergyGauge® System Sizing based on ACCA Manual J.

PREPARED BY:

DATE: 1-7-04

System Sizing Calculations - Winter

Residential Load - Component Details

Isaac Bratkovitch
Walter Avenue
Lake City, FL

Project Title:
Bratkovitch Residence

Code Only
Professional Version
Climate: North

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

1/7/2004

Window	Panes/SHGC/Frame/U	Orientation	Area X	HTM=	Load
1	2, Clear, Metal, DEF	NW	12.0	28.3	340 Btuh
2	2, Clear, Metal, DEF	W	48.0	28.3	1358 Btuh
3	2, Clear, Metal, DEF	SW	12.0	28.3	340 Btuh
4	2, Clear, Metal, DEF	W	180.0	28.3	5094 Btuh
5	2, Clear, Metal, DEF	W	13.3	28.3	377 Btuh
6	2, Clear, Metal, DEF	W	36.0	28.3	1019 Btuh
7	2, Clear, Metal, DEF	NW	11.0	28.3	311 Btuh
8	2, Clear, Metal, DEF	W	36.0	28.3	1019 Btuh
9	2, Clear, Metal, DEF	SW	11.0	28.3	311 Btuh
10	2, Clear, Metal, DEF	S	20.2	28.3	571 Btuh
11	2, Clear, Metal, DEF	S	38.0	28.3	1075 Btuh
12	2, Clear, Metal, DEF	S	18.0	28.3	509 Btuh
13	2, Clear, Metal, DEF	S	6.3	28.3	177 Btuh
14	2, Clear, Metal, DEF	S	15.0	28.3	424 Btuh
15	2, Clear, Metal, DEF	S	8.0	28.3	226 Btuh
16	2, Clear, Metal, DEF	E	24.0	28.3	679 Btuh
17	2, Clear, Metal, DEF	N	8.0	28.3	226 Btuh
18	2, Clear, Metal, DEF	N	7.5	28.3	212 Btuh
19	2, Clear, Metal, DEF	N	7.5	28.3	212 Btuh
20	2, Clear, Metal, DEF	N	6.3	28.3	177 Btuh
21	2, Clear, Metal, DEF	E	90.0	28.3	2547 Btuh
22	2, Clear, Metal, DEF	S	7.5	28.3	212 Btuh
23	2, Clear, Metal, DEF	SE	79.5	28.3	2250 Btuh
24	2, Clear, Metal, DEF	S	53.0	28.3	1500 Btuh
25	2, Clear, Metal, DEF	SE	44.2	28.3	1250 Btuh
26	2, Clear, Metal, DEF	E	20.0	28.3	566 Btuh
27	2, Clear, Metal, DEF	NE	44.2	28.3	1250 Btuh
28	2, Clear, Metal, DEF	N	53.0	28.3	1500 Btuh
29	2, Clear, Metal, DEF	N	12.0	28.3	340 Btuh
30	2, Clear, Metal, DEF	NE	16.3	28.3	462 Btuh
31	2, Clear, Metal, DEF	E	36.0	28.3	1019 Btuh
32	2, Clear, Metal, DEF	N	14.0	28.3	396 Btuh
33	2, Clear, Metal, DEF	N	30.0	28.3	849 Btuh
34	2, Clear, Metal, DEF	W	30.0	28.3	849 Btuh
35	2, Clear, Metal, DEF	NW	11.3	28.3	321 Btuh
36	2, Clear, Metal, DEF	SW	11.3	28.3	321 Btuh
37	2, Clear, Metal, DEF	W	50.7	28.3	1434 Btuh
Window Total			1121		31724 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Exterior	13.0	4064	3.1	12598 Btuh
2	Frame - Adjacent	13.0	768	1.6	1229 Btuh
Wall Total			4832		13827 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Isaac Bratkovitch
Walter Avenue
Lake City, FL

Project Title:
Bratkovitch Residence

Code Only
Professional Version
Climate: North

1/7/2004

Doors	Type		Area X	HTM=	Load
1	Wood - Exter		40	17.9	718 Btuh
2	Wood - Exter		72	17.9	1292 Btuh
3	Wood - Exter		36	17.9	646 Btuh
4	Wood - Exter		48	17.9	861 Btuh
5	Wood - Adjac		20	9.2	184 Btuh
	Door Total		216		3700Btuh
Ceilings	Type	R-Value	Area X	HTM=	Load
1	Under Attic	30.0	3840	1.3	4992 Btuh
	Ceiling Total		3840		4992Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab-On-Grade Edge Insul	0	368.0 ft(p)	31.6	11629 Btuh
	Floor Total		368		11629 Btuh
Infiltration	Type	ACH X	Building Volume	CFM=	Load
	Natural	0.40	46200(sqft)	309	13240 Btuh
	Mechanical			0	0 Btuh
	Infiltration Total			309	13240 Btuh

Totals for Heating	Subtotal	79112 Btuh
	Duct Loss(using duct multiplier of 0.05)	3956 Btuh
	Total Btuh Loss	83068 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)

(Frame types - metal, wood or insulated metal)

(U - Window U-Factor or 'DEF' for default)

(HTM - ManualJ Heat Transfer Multiplier)

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

System Sizing Calculations - Summer

Residential Load - Component Details

Isaac Bratkovitch
Walter Avenue
Lake City, FL

Project Title:
Bratkovitch Residence

Code Only
Professional Version
Climate: North

Reference City: Gainesville (Defaults)

Summer Temperature Difference: 18.0 F

1/7/2004

Window	Type	Ornt	Overhang		Window Area(sqft)			HTM		Load	
	Panes/SHGC/U/InSh/ExSh		Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2, Clear, DEF, B, N	NW	1.5	13.6	12.0	0.0	12.0	15	32	384	Btuh
2	2, Clear, DEF, B, N	W	1.5	13.6	48.0	0.0	48.0	15	46	2208	Btuh
3	2, Clear, DEF, B, N	SW	1.5	13.6	12.0	0.0	12.0	15	40	480	Btuh
4	2, Clear, DEF, B, N	W	1.5	10.6	180.0	0.0	180.0	15	46	8280	Btuh
5	2, Clear, DEF, B, N	W	8	16	13.3	0.0	13.3	15	46	613	Btuh
6	2, Clear, DEF, B, N	W	8	9	36.0	17.1	18.9	15	46	1125	Btuh
7	2, Clear, DEF, B, N	NW	1.5	6.5	11.0	0.0	11.0	15	32	352	Btuh
8	2, Clear, DEF, B, N	W	1.5	6.5	36.0	4.5	31.5	15	46	1517	Btuh
9	2, Clear, DEF, B, N	SW	1.5	6.5	11.0	3.0	8.0	15	40	364	Btuh
10	2, Clear, DEF, B, N	S	1.5	6.5	20.2	20.2	0.0	15	24	303	Btuh
11	2, Clear, DEF, B, N	S	1.5	7	38.0	19.0	19.0	15	24	741	Btuh
12	2, Clear, DEF, B, N	S	1.5	6.25	18.0	18.0	0.0	15	24	270	Btuh
13	2, Clear, DEF, B, N	S	1.5	4	6.3	6.3	0.0	15	24	94	Btuh
14	2, Clear, DEF, B, N	S	1.5	5.5	15.0	7.5	7.5	15	24	292	Btuh
15	2, Clear, DEF, B, N	S	1.5	3	8.0	8.0	0.0	15	24	120	Btuh
16	2, Clear, DEF, B, N	E	1.5	4	24.0	0.0	24.0	15	46	1104	Btuh
17	2, Clear, DEF, B, N	N	1.5	3	8.0	0.0	8.0	15	15	120	Btuh
18	2, Clear, DEF, B, N	N	1.5	7	7.5	0.0	7.5	15	15	112	Btuh
19	2, Clear, DEF, B, N	N	16	7	7.5	0.0	7.5	15	15	112	Btuh
20	2, Clear, DEF, B, N	N	16	6	6.3	0.0	6.3	15	15	94	Btuh
21	2, Clear, DEF, B, N	E	16	12	90.0	90.0	0.0	15	46	1350	Btuh
22	2, Clear, DEF, B, N	S	16	6	7.5	7.5	0.0	15	24	112	Btuh
23	2, Clear, DEF, B, N	SE	8	12	79.5	13.3	66.3	15	40	2849	Btuh
24	2, Clear, DEF, B, N	S	1.5	9	53.0	53.0	0.0	15	24	795	Btuh
25	2, Clear, DEF, B, N	SE	1.5	9	44.2	11.8	32.4	15	40	1472	Btuh
26	2, Clear, DEF, B, N	E	1.5	3	20.0	15.6	4.4	15	46	436	Btuh
27	2, Clear, DEF, B, N	NE	1.5	9	44.2	0.0	44.2	15	32	1413	Btuh
28	2, Clear, DEF, B, N	N	1.5	9	53.0	0.0	53.0	15	15	795	Btuh
29	2, Clear, DEF, B, N	N	32	7	12.0	0.0	12.0	15	15	180	Btuh
30	2, Clear, DEF, B, N	NE	12	10	16.3	0.0	16.3	15	32	523	Btuh
31	2, Clear, DEF, B, N	E	13	12	36.0	28.7	7.3	15	46	765	Btuh
32	2, Clear, DEF, B, N	N	1.5	14	14.0	0.0	14.0	15	15	210	Btuh
33	2, Clear, DEF, B, N	N	1.5	6	30.0	0.0	30.0	15	15	450	Btuh
34	2, Clear, DEF, B, N	W	1.5	6	30.0	1.5	28.5	15	46	1334	Btuh
35	2, Clear, DEF, B, N	NW	1.5	6.5	11.3	0.0	11.3	15	32	363	Btuh
36	2, Clear, DEF, B, N	SW	1.5	6.5	11.3	3.4	8.0	15	40	369	Btuh
37	2, Clear, DEF, B, N	W	1.5	6.5	50.7	8.6	42.0	15	46	2063	Btuh
	Window Total				1121					34166 Btuh	
Walls	Type		R-Value		Area			HTM		Load	
1	Frame - Exterior		13.0		4064.0			1.7		7071 Btuh	
2	Frame - Adjacent		13.0		768.0			1.0		799 Btuh	
	Wall Total				4832.0					7870 Btuh	

Manual J Summer Calculations

Residential Load - Component Details (continued)

Isaac Bratkovitch
Walter Avenue
Lake City, FL

Project Title:
Bratkovitch Residence

Code Only
Professional Version
Climate: North

1/7/2004

Doors	Type	Area	HTM	Load
1	Wood - Exter	40.0	10.0	399 Btuh
2	Wood - Exter	72.0	10.0	719 Btuh
3	Wood - Exter	36.0	10.0	359 Btuh
4	Wood - Exter	48.0	10.0	479 Btuh
5	Wood - Adjac	20.0	10.0	200 Btuh
	Door Total	216.0		2156 Btuh
Ceilings	Type/Color	R-Value	Area	HTM
1	Under Attic/Dark	30.0	3840.0	1.4
	Ceiling Total		3840.0	5453 Btuh
Floors	Type	R-Value	Size	HTM
1	Slab-On-Grade Edge Insulation	0.0	368.0 ft(p)	0.0
	Floor Total		368.0	0 Btuh
Infiltration	Type	ACH	Volume	CFM=
	Natural	0.40	46200	308.6
	Mechanical			0
	Infiltration Total			309
				6111 Btuh
				0 Btuh
				6111 Btuh

Internal gain	Occupants	Btuh/occupant	Appliance	Load
	10	X 300 +	3000	6000 Btuh

Totals for Cooling	Subtotal	61755 Btuh
	Duct gain(using duct multiplier of 0.10)	6176 Btuh
	Total sensible gain	67931 Btuh
	Latent infiltration gain (for 51 gr. humidity difference)	10703 Btuh
	Latent occupant gain (10 people @ 230 Btuh per person)	2300 Btuh
	Latent other gain	0 Btuh
	TOTAL GAIN	80934 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(U - Window U-Factor or 'DEF' for default)
(InSh - Interior shading device: none(N), Blinds/Daperies(B) or Roller Shades(R))
(ExSh - Exterior shading device: none(N) or numerical value)
(Ornt - compass orientation)

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	Bratkovitch Residence	Builder:	Isaac Construction
Address:	Walter Avenue	Permitting Office:	
City, State:	Lake City, FL	Permit Number:	21604
Owner:	Isaac Bratkovitch	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: 60.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 12.00
4. Number of Bedrooms	5	b. Central Unit	Cap: 36.0 kBtu/hr
5. Is this a worst case?	No		SEER: 12.00
6. Conditioned floor area (ft ²)	4620 ft ²	c. N/A	
7. Glass area & type		13. Heating systems	
a. Clear - single pane	0.0 ft ²	a. Electric Heat Pump	Cap: 60.0 kBtu/hr
b. Clear - double pane	1121.0 ft ²		HSPF: 6.80
c. Tint/other SHGC - single pane	0.0 ft ²	b. Electric Heat Pump	Cap: 36.0 kBtu/hr
d. Tint/other SHGC - double pane	0.0 ft ²		HSPF: 6.80
8. Floor types		c. N/A	
a. Slab-On-Grade Edge Insulation	R=0.0, 368.0(p) ft	14. Hot water systems	
b. N/A		a. Electric Resistance	Cap: 80.0 gallons
c. N/A			EF: 0.84
9. Wall types		b. Electric Resistance	Cap: 40.0 gallons
a. Frame, Wood, Exterior	R=13.0, 4064.0 ft ²		EF: 0.88
b. Frame, Wood, Adjacent	R=13.0, 768.0 ft ²	c. Conservation credits	
c. N/A		(HR-Heat recovery, Solar	
d. N/A		DHP-Dedicated heat pump)	
e. N/A		15. HVAC credits	PT, CF, _____
10. Ceiling types		(CF-Ceiling fan, CV-Cross ventilation,	
a. Under Attic	R=30.0, 3840.0 ft ²	HF-Whole house fan,	
b. N/A		PT-Programmable Thermostat,	
c. N/A		MZ-C-Multizone cooling,	
11. Ducts		MZ-H-Multizone heating)	
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 280.0 ft		
b. N/A			

Glass/Floor Area: 0.24

Total as-built points: 60593

Total base points: 66451

PASS

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

PREPARED BY: _____

DATE: 1-7-04

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: _____

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Walter Avenue, Lake City, FL,

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.	

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: Walter Avenue, Lake City, FL,

PERMIT #:

BASE				AS-BUILT					
WATER HEATING									
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X	Tank X Ratio	Multiplier X Credit = Total Multiplier
5		2746.00	13730.0	80.0	0.84	5		0.67	2876.76
				40.0	0.88	5		0.33	2746.00
				As-Built Total:					14165.9

CODE COMPLIANCE STATUS

BASE					AS-BUILT				
Cooling Points	+	Heating Points	+	Hot Water Points = Total Points	Cooling Points	+	Heating Points	+	Hot Water Points = Total Points
27965		24756		13730 66451	22803		23624		14166 60593

PASS



WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Walter Avenue, Lake City, FL,**

PERMIT #:

BASE				AS-BUILT			
WALL TYPES	Area X BWPM = Points			Type	R-Value	Area X WPM = Points	
Adjacent	768.0	3.60	2764.8	Frame, Wood, Exterior	13.0	4064.0	3.40 13817.6
Exterior	4064.0	3.70	15036.8	Frame, Wood, Adjacent	13.0	768.0	3.30 2534.4
Base Total:	4832.0		17801.6	As-Built Total:		4832.0	16352.0
DOOR TYPES	Area X BWPM = Points			Type		Area X WPM = Points	
Adjacent	20.0	11.50	230.0	Exterior Wood		40.0	12.30 492.0
Exterior	196.0	12.30	2410.8	Exterior Wood		72.0	12.30 885.6
				Exterior Wood		36.0	12.30 442.8
				Exterior Wood		48.0	12.30 590.4
				Adjacent Wood		20.0	11.50 230.0
Base Total:	216.0		2640.8	As-Built Total:		216.0	2640.8
CEILING TYPES	Area X BWPM = Points			Type	R-Value	Area X WPM X WCM = Points	
Under Attic	3840.0	2.05	7872.0	Under Attic	30.0	3840.0	2.05 X 1.00 7872.0
Base Total:	3840.0		7872.0	As-Built Total:		3840.0	7872.0
FLOOR TYPES	Area X BWPM = Points			Type	R-Value	Area X WPM = Points	
Slab	368.0(p)	8.9	3275.2	Slab-On-Grade Edge Insulation	0.0	368.0(p)	18.80 6918.4
Raised	0.0	0.00	0.0				
Base Total:			3275.2	As-Built Total:		368.0	6918.4
INFILTRATION	Area X BWPM = Points					Area X WPM = Points	
	4620.0	-0.59	-2725.8			4620.0	-0.59 -2725.8
Winter Base Points:	39458.4			Winter As-Built Points:	42668.3		
Total Winter X System = Heating Points Multiplier Points				Total X Cap X Duct X System X Credit = Heating Component Ratio Multiplier Multiplier Multiplier Points (DM x DSM x AHU)			
				42668.3	0.625	(1.069 x 1.169 x 0.93)	0.501 14764.9
				42668.3	0.375	(1.00 x 1.169 x 1.00)	0.501 8858.9
39458.4	0.6274		24756.2	42668.3	1.00	1.162	0.501 0.950 23623.8

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Walter Avenue, Lake City, FL,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Ormt Len Hgt Area X WPM X WOF = Points						
.18	4620.0	12.74	10594.6	Double, Clear	NW	1.5	13.7	12.0	14.03	1.00	168.2
				Double, Clear	W	1.5	13.7	48.0	10.77	1.00	517.6
				Double, Clear	SW	1.5	13.7	12.0	7.17	1.01	86.5
				Double, Clear	W	1.5	10.7	180.0	10.77	1.00	1946.5
				Double, Clear	W	8.0	16.0	13.3	10.77	1.08	155.6
				Double, Clear	W	8.0	9.0	36.0	10.77	1.15	447.5
				Double, Clear	NW	1.5	6.5	11.0	14.03	1.00	154.7
				Double, Clear	W	1.5	6.5	36.0	10.77	1.02	395.2
				Double, Clear	SW	1.5	6.5	11.0	7.17	1.05	82.9
				Double, Clear	S	1.5	6.5	20.2	4.03	1.09	88.9
				Double, Clear	S	1.5	7.0	38.0	4.03	1.07	164.5
				Double, Clear	S	1.5	6.3	18.0	4.03	1.11	80.2
				Double, Clear	S	1.5	4.0	6.3	4.03	1.34	33.8
				Double, Clear	S	1.5	5.5	15.0	4.03	1.15	69.4
				Double, Clear	S	1.5	3.0	9.0	4.03	1.64	52.9
				Double, Clear	E	1.5	4.0	24.0	9.09	1.07	234.4
				Double, Clear	N	1.5	3.0	8.0	14.30	1.01	115.5
				Double, Clear	N	1.5	7.0	7.5	14.30	1.00	107.4
				Double, Clear	N	16.0	7.0	7.5	14.30	1.03	110.1
				Double, Clear	N	16.0	6.0	6.3	14.30	1.03	91.8
				Double, Clear	E	16.0	12.0	90.0	9.09	1.36	1114.2
				Double, Clear	S	16.0	6.0	7.5	4.03	3.65	110.2
				Double, Clear	SE	8.0	12.0	79.5	5.33	1.58	670.1
				Double, Clear	S	1.5	9.0	53.0	4.03	1.02	218.6
				Double, Clear	SE	1.5	9.0	44.2	5.33	1.04	244.3
				Double, Clear	E	1.5	3.0	20.0	9.09	1.12	203.6
				Double, Clear	NE	1.5	9.0	44.2	13.40	1.00	592.2
				Double, Clear	N	1.5	9.0	53.0	14.30	1.00	758.4
				Double, Clear	N	32.0	7.0	12.0	14.30	1.03	176.3
				Double, Clear	NE	12.0	10.0	16.3	13.40	1.05	229.5
				Double, Clear	E	13.0	12.0	36.0	9.09	1.31	428.2
				Double, Clear	N	1.5	14.0	14.0	14.30	1.00	200.2
				Double, Clear	N	1.5	6.0	30.0	14.30	1.00	430.1
				Double, Clear	W	1.5	6.0	30.0	10.77	1.02	330.5
				Double, Clear	NW	1.5	6.5	11.3	14.03	1.00	159.4
				Double, Clear	SW	1.5	6.5	11.3	7.17	1.05	85.4
				Double, Clear	W	1.5	6.5	50.7	10.77	1.02	556.2
				As-Built Total:							
				1121.011610.9							

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 83.8

The higher the score, the more efficient the home.

Isaac Bratkovitch, Walter Avenue, Lake City, FL,

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 60.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 12.00
4. Number of Bedrooms	5	b. Central Unit	Cap: 36.0 kBtu/hr
5. Is this a worst case?	No		SEER: 12.00
6. Conditioned floor area (ft ²)	4620 ft ²	c. N/A	
7. Glass area & type		13. Heating systems	
a. Clear - single pane	0.0 ft ²	a. Electric Heat Pump	Cap: 60.0 kBtu/hr
b. Clear - double pane	1121.0 ft ²		HSPF: 6.80
c. Tint/other SHGC - single pane	0.0 ft ²	b. Electric Heat Pump	Cap: 36.0 kBtu/hr
d. Tint/other SHGC - double pane	0.0 ft ²		HSPF: 6.80
8. Floor types		c. N/A	
a. Slab-On-Grade Edge Insulation	R=0.0, 368.0(p) ft	14. Hot water systems	
b. N/A		a. Electric Resistance	Cap: 80.0 gallons
c. N/A			EF: 0.84
9. Wall types		b. Electric Resistance	Cap: 40.0 gallons
a. Frame, Wood, Exterior	R=13.0, 4064.0 ft ²		EF: 0.88
b. Frame, Wood, Adjacent	R=13.0, 768.0 ft ²	c. Conservation credits	
c. N/A		(HR-Heat recovery, Solar	
d. N/A		DHP-Dedicated heat pump)	
e. N/A		15. HVAC credits	PT, CF,
10. Ceiling types		(CF-Ceiling fan, CV-Cross ventilation,	
a. Under Attic	R=30.0, 3840.0 ft ²	HF-Whole house fan,	
b. N/A		PI-Programmable thermostat,	
c. N/A		RB-Attic radiant barrier,	
11. Ducts		MZ-C-Multizone cooling,	
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 280.0 ft	MZ-H-Multizone heating)	
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: FLRCPB v3.2)

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Walter Avenue, Lake City, FL,

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	4620.0	20.04	16665.3	Double, Clear	NW	1.5 13.7	12.0	25.46	1.00	304.4
				Double, Clear	W	1.5 13.7	48.0	36.99	0.99	1766.3
				Double, Clear	SW	1.5 13.7	12.0	39.46	1.00	460.6
				Double, Clear	W	1.5 10.7	180.0	36.99	0.98	6549.5
				Double, Clear	W	8.0 16.0	13.3	36.99	0.73	360.0
				Double, Clear	W	8.0 9.0	36.0	36.99	0.56	741.6
				Double, Clear	NW	1.5 6.5	11.0	25.46	0.94	262.5
				Double, Clear	W	1.5 6.5	36.0	36.99	0.93	1234.5
				Double, Clear	SW	1.5 6.5	11.0	39.46	0.90	382.4
				Double, Clear	S	1.5 6.5	20.2	34.50	0.88	610.0
				Double, Clear	S	1.5 7.0	38.0	34.50	0.89	1172.7
				Double, Clear	S	1.5 6.3	18.0	34.50	0.87	538.3
				Double, Clear	S	1.5 4.0	6.3	34.50	0.74	159.7
				Double, Clear	S	1.5 5.5	15.0	34.50	0.83	430.6
				Double, Clear	S	1.5 3.0	8.0	34.50	0.66	182.1
				Double, Clear	E	1.5 4.0	24.0	40.22	0.82	787.3
				Double, Clear	N	1.5 3.0	8.0	19.22	0.83	127.8
				Double, Clear	N	1.5 7.0	7.5	19.22	0.96	137.7
				Double, Clear	N	16.0 7.0	7.5	19.22	0.61	88.2
				Double, Clear	N	16.0 6.0	6.3	19.22	0.60	71.6
				Double, Clear	E	16.0 12.0	90.0	40.22	0.45	1640.1
				Double, Clear	S	16.0 6.0	7.5	34.50	0.43	112.2
				Double, Clear	SE	8.0 12.0	79.5	40.86	0.58	1900.0
				Double, Clear	S	1.5 9.0	53.0	34.50	0.94	1726.3
				Double, Clear	SE	1.5 9.0	44.2	40.86	0.96	1737.3
				Double, Clear	E	1.5 3.0	20.0	40.22	0.73	583.6
				Double, Clear	NE	1.5 9.0	44.2	28.72	0.97	1234.5
				Double, Clear	N	1.5 9.0	53.0	19.22	0.98	993.8
				Double, Clear	N	32.0 7.0	12.0	19.22	0.59	136.8
				Double, Clear	NE	12.0 10.0	16.3	28.72	0.54	255.2
				Double, Clear	E	13.0 12.0	36.0	40.22	0.50	719.7
				Double, Clear	N	1.5 14.0	14.0	19.22	0.99	267.4
				Double, Clear	N	1.5 6.0	30.0	19.22	0.94	541.2
				Double, Clear	W	1.5 6.0	30.0	36.99	0.91	1013.5
				Double, Clear	NW	1.5 6.5	11.3	25.46	0.94	270.4
				Double, Clear	SW	1.5 6.5	11.3	38.46	0.90	394.0
				Double, Clear	W	1.5 6.5	50.7	36.99	0.93	1737.4
				As-Built Total:			1121.0			31631.0

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Walter Avenue, Lake City, FL,

PERMIT #:

BASE				AS-BUILT			
WALL TYPES	Area X BSPM = Points			Type	R-Value	Area X SPM = Points	
Adjacent	768.0	0.70	537.6	Frame, Wood, Exterior	13.0	4064.0	6096.0
Exterior	4064.0	1.70	6908.8	Frame, Wood, Adjacent	13.0	768.0	460.8
Base Total:	4832.0		7446.4	As-Built Total:		4832.0	6556.8
DOOR TYPES	Area X BSPM = Points			Type		Area X SPM = Points	
Adjacent	20.0	2.40	48.0	Exterior Wood		40.0	244.0
Exterior	196.0	6.10	1195.6	Exterior Wood		72.0	439.2
				Exterior Wood		36.0	219.6
				Exterior Wood		48.0	292.8
				Adjacent Wood		20.0	48.0
Base Total:	216.0		1243.6	As-Built Total:		216.0	1243.6
CEILING TYPES	Area X BSPM = Points			Type	R-Value	Area X SPM X SCM = Points	
Under Attic	3840.0	1.73	6643.2	Under Attic	30.0	3840.0	6643.2
Base Total:	3840.0		6643.2	As-Built Total:		3840.0	6643.2
FLOOR TYPES	Area X BSPM = Points			Type	R-Value	Area X SPM = Points	
Slab	368.0(p)	-37.0	-13616.0	Slab-On-Grade Edge Insulation	0.0	368.0(p)	-15161.6
Raised	0.0	0.00	0.0				
Base Total:			-13616.0	As-Built Total:		368.0	-15161.6
INFILTRATION	Area X BSPM = Points					Area X SPM = Points	
	4620.0	10.21	47170.2			4620.0	47170.2
Summer Base Points:	65552.7			Summer As-Built Points:	78083.2		
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)	
				78083.2	0.625	(1.090 x 1.147 x 0.91)	0.284
				78083.2	0.375	(1.00 x 1.147 x 1.00)	0.284
65552.7	0.4266		27964.8	78083.2	1.00	1.138	0.284
							0.902
							14251.9
							8551.1
							22803.0

THIS INSTRUMENT WAS PREPARED BY:
FIRST FEDERAL SAVINGS BANK OF FLORIDA
4705 WEST U.S. HIGHWAY 90
P.O. BOX 2029
LAKE CITY, FLORIDA 32056

Inst:2004005002 Date:03/05/2004 Time:11:17
SIX DC, P. DeWitt Gason, Columbia County B:1008 P:2685

PERMIT NO. _____

TAX FOLIO NO. _____

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF COLUMBIA

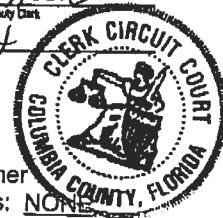
The undersigned hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

1. Description of property: SEE EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF.
2. General description of improvement: Construction of Dwelling
3. Owner information:
 - a. Name and address: ISAAC P. BRATKOVICH and EMILY L. BRATKOVICH
Route 9, Box 646, Lake City, FL 32024 (386) 719-7143
 - b. Interest in property: Fee Simple
 - c. Name and address of fee simple title holder (if other than Owner): NONE
4. Contractor (name and address): ISAAC CONSTRUCTION, INC. Route 9, Box 646, Lake City, FL 32024. (386) 719-7143
5. Surety:
 - a. Name and address: _____
 - b. Amount of bond: _____
6. Lender: FIRST FEDERAL SAVINGS BANK OF FLORIDA
4705 WEST U.S. HIGHWAY 90
P. O. BOX 2029
LAKE CITY, FLORIDA 32056
7. Persons within the State of Florida designated by Owner upon whom notices or other document may be served as provided by Section 713.13 (1) (a) 7., Florida Statutes: NONE
8. In addition to himself, Owner designates PAULA HACKER of FIRST FEDERAL SAVINGS BANK OF FLORIDA, 4705 West U.S. Highway 90 / P. O. Box 2029, Lake City, Florida 32056 to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) (b), Florida Statutes.
9. Expiration date of notice of commencement (the expiration date is 1 year from the date of recording unless a different date is specified). 3-5-04

STATE OF FLORIDA, COUNTY OF COLUMBIA
I HEREBY CERTIFY that the above and foregoing
is a true copy of the original filed in this office.
P. DeWITT GASON, CLERK OF COURTS

By M. DeWitt Gason
Deputy Clerk

Date 3-5-04



Isaac Bratkovich
Borrower Name

Emily Bratkovich
Co-Borrower Name

The foregoing instrument was acknowledged before me this 23rd day of February, 2004 by ISAAC P. BRATKOVICH and EMILY L. BRATKOVICH, who is personally known to me or who has produced driver's license for identification.



Terry McDavid
Notary Public

My Commission Expires:

Schedule "A"

A part of the NW 1/4 of the SW 1/4 of Section 1 and part of the NE 1/4 of the SE 1/4 of Section 2, Township 5 South, Range 16 East, Columbia County, Florida, being more particularly described as follows: Begin at the SW Corner of the NW 1/4 of SW 1/4 of said Section 1 and run N 89 deg. 28'42" E, 537.79 feet; thence N 00 deg. 10'43" W, 374.02 feet; thence S 89 deg. 24'45" W, 537.79 feet to the East line of said Section 2; thence continue S 89 deg. 24'45" W, 48.21 feet; thence S 00 deg. 58'46" E, 374.02 feet; thence N 88 deg. 35'16" E, 42.99 feet to the Point of Beginning.

Inst:2004005002 Date:03/05/2004 Time:11:17

DC,P.Dewitt Cason,Columbia County B:1008 P:2686

THIS INSTRUMENT WAS PREPARED BY:

TERRY McDAVID 03-830
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

RETURN TO:

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

Inst:2004005000 Date:03/05/2004 Time:11:17

Doc Stamp-Deed : 0.70

mck DC, P. DeWitt Cason, Columbia County B:1008 P:2666

Property Appraiser's
Identification Number

WARRANTY DEED

THIS INDENTURE, made this 27th day of February, 2004, BETWEEN ISAAC P. BRATKOVICH and EMILY L. BRATKOVICH, Husband and Wife whose post office address is Route 9, Box 646, Lake City, FL 32024, of the County of Columbia, State of Florida, grantor*, and ISAAC P. BRATKOVICH and EMILY L. BRATKOVICH, Husband and Wife whose post office address is Route 9, Box 646, Lake City, FL 32024, of the County of Columbia, State of Florida, grantee*.

WITNESSETH: that said grantor, for and in consideration of the sum of Ten Dollars (\$10.00), and other good and valuable considerations to said grantor in hand paid by said grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said grantee, and grantee's heirs and assigns forever, the following described land, situate, lying and being in Columbia County, Florida, to-wit:

A part of the NW 1/4 of the SW 1/4 of Section 1 and part of the NE 1/4 of the SE 1/4 of Section 2, Township 5 South, Range 16 East, Columbia County, Florida, being more particularly described as follows: Begin at the SW Corner of the NW 1/4 of SW 1/4 of said Section 1 and run N 89 deg. 28'42" E, 537.79 feet; thence N 00 deg. 10'43" W, 374.02 feet; thence S 89 deg. 24'45" W, 537.79 feet to the East line of said Section 2; thence continue S 89 deg. 24'45" W, 48.21 feet; thence S 00 deg. 58'46" E, 374.02 feet; thence N 88 deg. 35'16" E, 42.99 feet to the Point of Beginning.

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

and said grantor does hereby fully warrant the title to said land, and will defend the same against the lawful claims of all persons whomsoever.

*"Grantor" and "grantee" are used for singular or plural, as context requires.

IN WITNESS WHEREOF, grantor has hereunto set grantor's hand
and seal the day and year first above written.

Signed, sealed and delivered
in our presence:

Lisa C. Ogburn
(Signature of First Witness)
Lisa C. Ogburn
(Typed Name of First Witness)

Crystal L. Brunner
(Signature of Second Witness)
Crystal L. Brunner
(Typed Name of Second Witness)

Isaac P. Bratkovich (SEAL)
Grantor
ISAAC P. BRATKOVICH
Printed Name

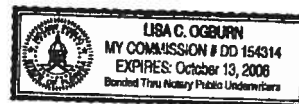
Emily L. Bratkovich (SEAL)
Grantor
EMILY L. BRATKOVICH
Printed Name

STATE OF Florida
COUNTY OF Columbia

The foregoing instrument was acknowledged before me this 27th
day of February, 2004, by ISAAC P. BRATKOVICH and EMILY L.
BRATKOVICH, Husband and Wife who are personally known to me or who
has/have produced _____ as identification and who did not
take an oath.

My Commission Expires:

Lisa C. Ogburn
Notary Public
Printed, typed, or stamped name:



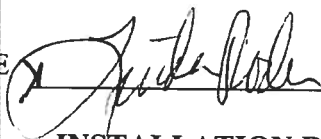
Columbia County Building Department Culvert Permit

Culvert Permit No.
000000225

DATE 03/10/2004 PARCEL ID # 01-5S-16-03397-000
APPLICANT LINDA RODER PHONE 719-7143
ADDRESS RT 9 BOX 646 LAKE CITY FL 32024
OWNER ISAAC BRATKOVICH PHONE 719-7143
ADDRESS 1005 SW WALTER AVE LAKE CITY FL 32024
CONTRACTOR ISAAC CONSTRUCTION PHONE 719-7143
LOCATION OF PROPERTY 47S, TURN ON WALTER AVE, 3 MILES ON LEFT, RIGHT BEFORE ROSE CREEK
PLANTATION _____

SUBDIVISION/LOT/BLOCK/PHASE/UNIT _____

SIGNATURE



INSTALLATION REQUIREMENTS

☒ X

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

Amount Paid 25.00

Phone: 386-758-1008 Fax: 386-758-2160



COLUMBIA COUNTY OFFICE OF OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

This Certificate of Occupancy is issued to the below named permit holder for the building and premises at the below named location, and certifies that the work has been completed in accordance with the Columbia County Building Code.

Parcel Number 01-5S-16-03397-000

Building permit No. 000021604

Use Classification SFD, UTILITY

Fire: 28.35

Permit Holder ISAAC CONSTRUCTION

Waste: 61.25

Owner of Building ISAAC BRATKOVICH

Total: 89.60

Location: 1005 SW WALTER AVE, LAKE CITY, FL 32024

Date: 04/08/2005



[Signature]

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)