

DATE 02/28/2005

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000022856

APPLICANT LINDA RODER PHONE 752-2281
ADDRESS 387 SW KEMP COURT LAKE CITY FL 32024
OWNER ISAAC BRATKOVICH PHONE 719-7143
ADDRESS 401 NW BRIDGEWATER TERR LAKE CITY FL 32055
CONTRACTOR ISAAC CONSTRUCTION PHONE 719-7143
LOCATION OF PROPERTY 90W, TR ON LAKE JEFFREY, TR ON BRIDGEWATER, 8TH ON RIGHT

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 120150.00
HEATED FLOOR AREA 2403.00 TOTAL AREA 3471.00 HEIGHT .00 STORIES 1
FOUNDATION CONC WALLS FRAMED ROOF PITCH 8/12 FLOOR SLAB
LAND USE & ZONING RSF-2 MAX. HEIGHT 27
Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00
NO. EX.D.U. 0 FLOOD ZONE X PP DEVELOPMENT PERMIT NO.

PARCEL ID 24-3S-16-02275-108 SUBDIVISION COBBLESTONE
LOT 8 BLOCK PHASE 1 UNIT TOTAL ACRES 2.60

000000557 CBC059323
Culvert Permit No. Culvert Waiver Contractor's License Number
CULVERT 04-0656-N BK RJ Y
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: ONE FOOT ABOVE THE ROAD

Check # or Cash 10951

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power date/app. by Foundation date/app. by Monolithic date/app. by
Under slab rough-in plumbing date/app. by Slab date/app. by Sheathing/Nailing date/app. by
Framing date/app. by Rough-in plumbing above slab and below wood floor date/app. by
Electrical rough-in date/app. by Heat & Air Duct date/app. by Peri. beam (Lintel) date/app. by
Permanent power date/app. by C.O. Final date/app. by Culvert date/app. by
M/H tie downs, blocking, electricity and plumbing date/app. by Pool date/app. by
Reconnection date/app. by Pump pole date/app. by Utility Pole date/app. by
M/H Pole date/app. by Travel Trailer date/app. by Re-roof date/app. by

BUILDING PERMIT FEE \$ 605.00 CERTIFICATION FEE \$ 17.36 SURCHARGE FEE \$ 17.36
MISC. FEES \$.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ WASTE FEE \$
FLOOD ZONE DEVELOPMENT FEE \$ CULVERT FEE \$ 25.00 TOTAL FEE 714.72

INSPECTORS OFFICE CLERKS OFFICE

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

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

This Permit Must Be Prominently Posted on Premises During Construction

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

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

Columbia County Building Permit Application

714.12 22566/11/04
0406-32

Application Approved by - Zoning Official BLK Date 25.02.05 Plans Examiner SS7 Date _____
 Flood Zone Key area and simple Development Permit N/A Zoning RSF-2 Land Use Plan Map Category RES-Low Den
 Comments _____

Applicants Name Linda Roder Phone 752-2281 / 719-7143
 Address Rt 9 Box 646 Lake City FL
 Owners Name Isaac Bratkovich Phone _____
 911 Address 401 NW Bridgewater Terr L.C. 32055
 Contractors Name Isaac Construction Phone 386-719-7143
 Address Rt 9 Box 646 Lake City FL 32024
 Fee Simple Owner Name & Address _____
 Bonding Co. Name & Address _____
 Architect/Engineer Name & Address Will Myers - Nick Geiser
 Mortgage Lenders Name & Address CNB
 Property ID Number 24-35-16-02275-108 Proposed # _____ Estimated Cost of Construction \$147,900.-
 Subdivision Name Cobblestone Lot 8 Block _____ Unit 1 Phase _____
 Driving Directions Hwy 90 W. R on Lake Jeffrey Rd. R into Cobblestone. Lot on R

Type of Construction Single Family Dwelling Number of Existing Dwellings on Property 0
 Total Acreage 2.6472 Lot Size _____ Do you need a Culvert Permit or Culvert Waiver or Have an Existing Driv
 Actual Distance of Structure from Property Lines - Front 50' Side 100'-6" Side 111'-7" Rear 49'-9"
 Total Building Height 27' Number of Stories 1 Heated Floor Area 2403 Roof Pitch 8-12

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

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

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

Isaac Bratkovich
 Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
 COUNTY OF COLUMBIA



Linda R. Roder
 Commission #DD303275
 Expires: Mar 24, 2008
 Bonded Thru
 Atlantic Bonding Co., Inc.

Sworn to (or affirmed) and subscribed before me

this 11 day of June 2004.

Personally known ☒ or Produced Identification _____

Isaac Bratkovich
 Contractor Signature
 Contractors License Number CBC059323
 Competency Card Number _____

NOTARY STAMP/SEAL

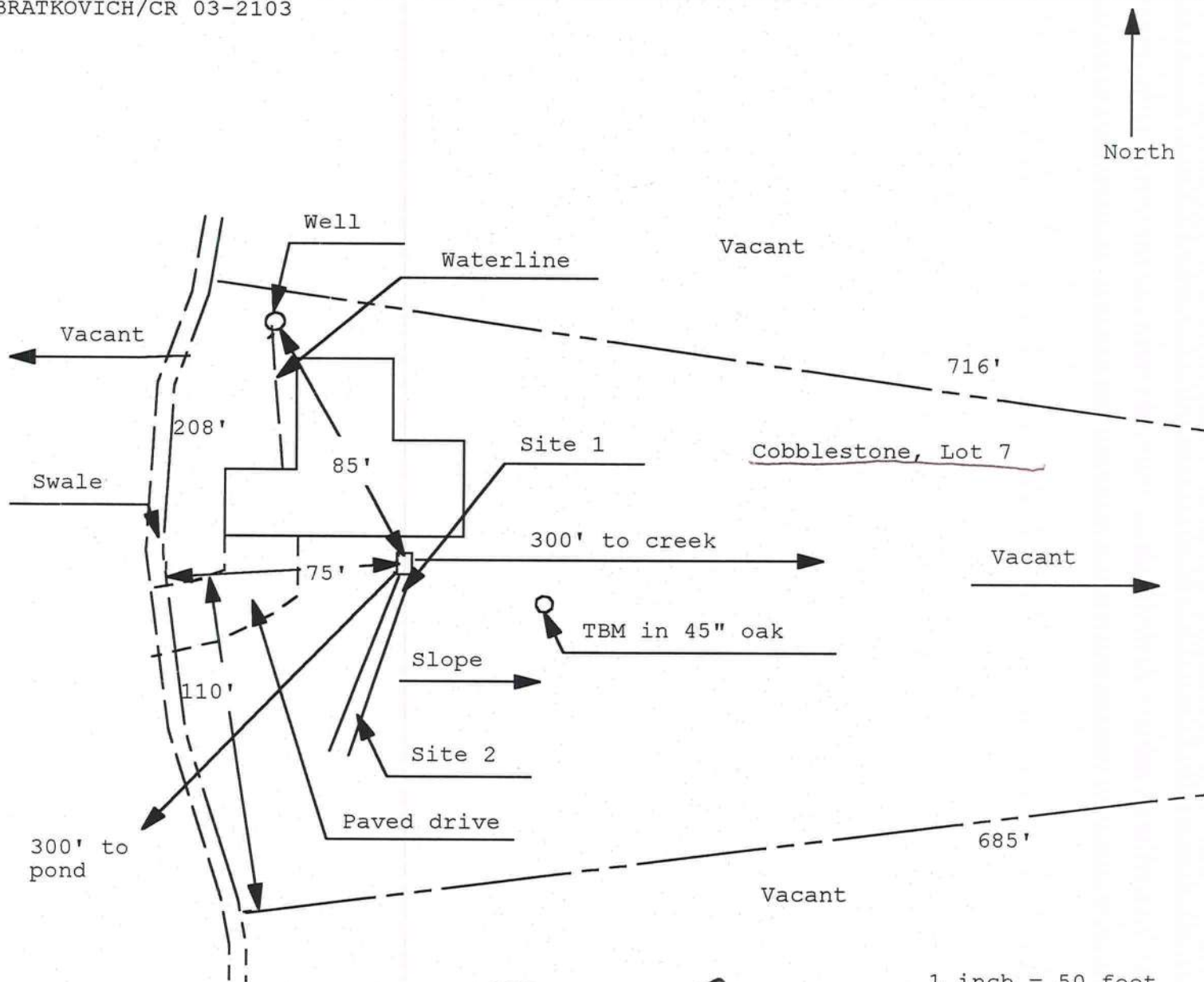
Linda R. Roder
 Notary Signature

Cobblestone Lot 7

Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan
Permit Application Number: 04-06561N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

BRATKOVICH/CR 03-2103



1 inch = 50 feet

Site Plan Submitted By Paul Lloyd Date 5/27/04
Plan Approved Not Approved Date 5/27/04
By Paul Lloyd Lakub Koh CPHU 6-08-001

Notes: _____

THIS FORM HAS BEEN APPROVED BY THE FLORIDA ASSOCIATION OF REALTORS® AND THE FLORIDA BAR

Contract For Sale And Purchase

FLORIDA ASSOCIATION OF REALTORS AND THE FLORIDA BAR

- 1* PARTIES: Cobblestone of Columbia County, LLC ("Seller"),
2* and Isaac Construction Inc ("Buyer"),
3 hereby agree that Seller shall sell and Buyer shall buy the following described Real Property and Personal Property (collectively "Property")
4 pursuant to the terms and conditions of this Contract for Sale and Purchase and any riders and addenda ("Contract"):
- 5 I. DESCRIPTION:
6* (a) Legal description of the Real Property located in Columbia County, Florida: Lot 7 Cobblestone
7*
8*
9* (b) Street address, city, zip, of the Property: _____
10 (c) Personal Property includes existing range, refrigerator, dishwasher, ceiling fans, light fixtures, and window treatments unless
11 specifically excluded below.
12* Other items included are: _____
13*
14* Items of Personal Property (and leased items, if any) excluded are: no personal prop included
15*
- 16* II. PURCHASE PRICE (U.S. currency): \$ 49,900.00
17 PAYMENT:
18* (a) Deposit held in escrow by _____ (Escrow Agent) in the amount of \$ _____
19* (b) Additional escrow deposit to be made to Escrow Agent within _____ days after Effective Date \$ _____
20* (see Paragraph III) in the amount of \$ _____
21 (c) Assumption of existing mortgage in good standing (see Paragraph IV(c)) having an approximate
22* present principal balance of \$ _____
23* (d) New mortgage financing with a Lender (see Paragraph IV(b)) in the amount of \$ _____
24* (e) Purchase money mortgage and note to Seller (See Paragraph IV(d)) in the amount of \$ _____
25* (f) Other: rebate \$ 3,900.00
26 (g) Balance to close by cash or LOCALLY DRAWN cashier's or official bank check(s), subject
27* to adjustments or prorations \$ 46,000.00
- 28 III. TIME FOR ACCEPTANCE OF OFFER AND COUNTEROFFERS; EFFECTIVE DATE:
29 (a) If this offer is not executed by and delivered to all parties OR FACT OF EXECUTION communicated in writing between the parties on or
30* before _____, the deposit(s) will, at Buyer's option, be returned and this offer withdrawn. UNLESS OTH-
31 ERWISE STATED, THE TIME FOR ACCEPTANCE OF ANY COUNTEROFFERS SHALL BE 2 DAYS FROM THE DATE THE COUN-
32 TEROFFER IS DELIVERED.
33 (b) The date of Contract ("Effective Date") will be the date when the last one of the Buyer and Seller has signed or initialed this offer or the
34 final counteroffer. If such date is not otherwise set forth in this Contract, then the "Effective Date" shall be the date determined above for
35 acceptance of this offer or, if applicable, the final counteroffer.
- 36 IV. FINANCING:
37* ☐ (a) This is a cash transaction with no contingencies for financing;
38* ☐ (b) This Contract is contingent on Buyer obtaining approval of a loan ("Loan Approval") within _____ days after Effective Date for (CHECK
39* ONLY ONE): ☐ a fixed; ☐ an adjustable; or ☐ a fixed or adjustable rate loan, in the principal amount of \$ _____, at an initial inter-
40* est rate not to exceed _____%, discount and origination fees not to exceed _____% of principal amount, and for a term of _____
41* years. Buyer will make application within _____ days (if blank, then 5 days) after Effective Date and use reasonable diligence to obtain Loan
42 Approval and, thereafter, to satisfy terms and conditions of the Loan Approval and close the loan. Buyer shall pay all loan expenses. If Buyer
43 fails to obtain a Loan Approval or fails to waive Buyer's rights under this subparagraph within the time for obtaining Loan Approval or, after
44 diligent, good faith effort, fails to meet the terms and conditions of the Loan Approval by Closing, then either party thereafter, by written notice
45 to the other, may cancel this Contract and Buyer shall be refunded the deposit(s);
46* ☐ (c) Assumption of existing mortgage (see rider for terms); or
47* ☐ (d) Seller financing (see Standard B and riders; addenda; or special clauses for terms).
- 48* V. TITLE EVIDENCE: At least _____ days (if blank, then 5 days) before Closing:
49* ☒ (a) Title insurance commitment with legible copies of instruments listed as exceptions attached thereto ("Title Commitment") and, after
50* Closing, an owner's policy of title insurance (see Standard A for terms); or ☐ (b) Abstract of title or other evidence of title (see rider for terms),
51* shall be obtained by (CHECK ONLY ONE): ☒ (1) Seller, at Seller's expense and delivered to Buyer or Buyer's attorney; or
52* ☐ (2) Buyer at Buyer's expense.
- 53* VI. CLOSING DATE: This transaction shall be closed and the closing documents delivered on or before 7/15/04 ("Closing"), unless
54 modified by other provisions of this Contract. If Buyer is unable to obtain Hazard, Wind, Flood, or Homeowners' insurance at a reasonable rate
55 due to extreme weather conditions, Buyer may delay Closing for up to 5 days after such coverage becomes available.
- 56 VII. RESTRICTIONS; EASEMENTS; LIMITATIONS: Seller shall convey marketable title subject to: comprehensive land use plans, zoning,
57 restrictions, prohibitions and other requirements imposed by governmental authority; restrictions and matters appearing on the plat or otherwise
58 common to the subdivision; outstanding oil, gas and mineral rights of record without right of entry; unplatted public utility easements of record
59 (located contiguous to real property lines and not more than 10 feet in width as to the rear or front lines and 7 1/2 feet in width as to the side

60 lines); taxes for year of Closing and subsequent years; and assumed mortgages and purchase money mortgages, if any (if additional items, see
61 addendum); provided, that there exists at Closing no violation of the foregoing and none prevent use of the Property for
62* residential purpose(s).

63 **VIII. OCCUPANCY:** Seller shall deliver occupancy of Property to Buyer at time of Closing unless otherwise stated herein. If Property is intended
64 to be rented or occupied beyond Closing, the fact and terms thereof and the tenant(s) or occupants shall be disclosed pursuant to Standard F.
65 If occupancy is to be delivered before Closing, Buyer assumes all risks of loss to Property from date of occupancy, shall be responsible and liable
66 for maintenance from that date, and shall be deemed to have accepted Property in its existing condition as of time of taking occupancy.

67 **IX. TYPEWRITTEN OR HANDWRITTEN PROVISIONS:** Typewritten or handwritten provisions, riders and addenda shall control all printed pro-
68 visions of this Contract in conflict with them.

69* **X. ASSIGNABILITY:** (CHECK ONLY ONE): Buyer ☒ may assign and thereby be released from any further liability under this Contract; ☐ may
70* assign but not be released from liability under this Contract; or ☐ may not assign this Contract.

71 **XI. DISCLOSURES:**

72* (a) ☐ CHECK HERE if the Property is subject to a special assessment lien imposed by a public body payable in installments which
73* continue beyond Closing and, if so, specify who shall pay amounts due after Closing: ☐ Seller ☐ Buyer ☐ Other (see addendum).

74 (b) Radon is a naturally occurring radioactive gas that when accumulated in a building in sufficient quantities may present health risks to per-
75 sons who are exposed to it over time. Levels of radon that exceed federal and state guidelines have been found in buildings in Florida.
76 Additional information regarding radon or radon testing may be obtained from your County Public Health unit.

77 (c) Buyer acknowledges receipt of the Florida Building Energy-Efficiency Rating System Brochure.

78 (d) If the real property includes pre-1978 residential housing then a lead-based paint rider is mandatory.

79 (e) If Seller is a "foreign person" as defined by the Foreign Investment in Real Property Tax Act, the parties shall comply with that Act.

80 (f) If Buyer will be obligated to be a member of a homeowners' association, **BUYER SHOULD NOT EXECUTE THIS CONTRACT UNTIL**
81 **BUYER HAS RECEIVED AND READ THE HOMEOWNERS' ASSOCIATION DISCLOSURE.**

82 **XII. MAXIMUM REPAIR COSTS:** Seller shall not be responsible for payments in excess of:

83* (a) \$_____ for treatment and repair under Standard D (if blank, then 2% of the Purchase Price).

84* (b) \$_____ for repair and replacement under Standard N not caused by Wood Destroying Organisms (if blank, then 3% of
85 the Purchase Price).

86 **XIII. RIDERS; ADDENDA; SPECIAL CLAUSES:**

87 CHECK those riders which are applicable AND are attached to this Contract:

88* ☐ CONDOMINIUM ☐ VAFHA ☒ HOMEOWNERS' ASSN. ☐ LEAD-BASED PAINT

89* ☐ COASTAL CONSTRUCTION CONTROL LINE ☐ INSULATION ☐ "AS IS" ☐ Other Comprehensive Rider Provisions

90* ☐ Addenda

91* Special Clause(s): _____

92* _____

93* _____

94* _____

95* _____

96 **XIV. STANDARDS FOR REAL ESTATE TRANSACTIONS ("Standards"):** Buyer and Seller acknowledge receipt of a copy of Standards A
97 through W on the reverse side or attached, which are incorporated as part of this Contract.

98 **THIS IS INTENDED TO BE A LEGALLY BINDING CONTRACT. IF NOT FULLY UNDERSTOOD, SEEK THE ADVICE OF**
99 **AN ATTORNEY PRIOR TO SIGNING.**

100 THIS FORM HAS BEEN APPROVED BY THE FLORIDA ASSOCIATION OF REALTORS® AND THE FLORIDA BAR.

101 Approval does not constitute an opinion that any of the terms and conditions in this Contract should be accepted by the parties in a
102 particular transaction. Terms and conditions should be negotiated based upon the respective interests, objectives and bargaining
103 positions of all interested persons.

104 AN ASTERISK (*) FOLLOWING A LINE NUMBER IN THE MARGIN INDICATES THE LINE CONTAINS A BLANK TO BE COMPLETED.

105* [Signature] 6/9/04 [Signature] 6/9/04
106 (BUYER) (DATE) (SELLER) (DATE)

107* _____
108 (BUYER) (DATE) (SELLER) (DATE)

109* Buyers' address for purposes of notice _____ Sellers' address for purposes of notice _____

110* _____

111* _____ Phone _____ Phone _____

112* Deposit under Paragraph II (a) received (Checks are subject to clearance): _____ (Escrow Agent)

113 **BROKERS:** The brokers named below, including listing and cooperating brokers, are the only brokers entitled to compensation in connection
114 with this Contract:

115* Name: same Daniel Crapps Agency 5% to Daniel only
116 Cooperating Brokers, if any Listing Broker

FLORIDA ENERGY EFFICIENCY CODE
FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name:	Isaac Construcion	Builder:	Isaac Construction, Inc
Address:	Lot: , Sub: Cobblestone, Plat:	Permitting Office:	
City, State:	Lake City, FL 32025-	Permit Number:	22856
Owner:	Buckingham Spec	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: 49.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 11.00
4. Number of Bedrooms	4	b. N/A	
5. Is this a worst case?	No	c. N/A	
6. Conditioned floor area (ft²)	2403 ft²	13. Heating systems	
7. Glass area & type		a. Electric Heat Pump	Cap: 49.0 kBtu/hr
a. Clear - single pane	0.0 ft²		HSPF: 7.40
b. Clear - double pane	417.0 ft²	b. N/A	
c. Tint/other SHGC - single pane	0.0 ft²	c. N/A	
d. Tint/other SHGC - double pane	0.0 ft²	14. Hot water systems	
8. Floor types		a. Electric Resistance	Cap: 50.0 gallons
a. Slab-On-Grade Edge Insulation	R=0.0, 258.0(p) ft		EF: 0.90
b. N/A		b. Electric Resistance	Cap: 50.0 gallons
c. N/A			EF: 0.90
9. Wall types		c. Conservation credits	
a. Frame, Wood, Exterior	R=13.0, 1564.0 ft²	(HR-Heat recovery, Solar	
b. Frame, Wood, Adjacent	R=13.0, 166.0 ft²	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, 2482.0 ft²	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 60.0 ft		
b. N/A			

Glass/Floor Area: 0.17

Total as-built points: 33708
Total base points: 35286

PASS

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

PREPARED BY: Will Myers
DATE: 5.26.04

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: , Sub: Cobblestone, Plat: , Lake City, FL, 32025-

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned X BSPM = Points Floor Area				Type/SC	Ornt	Len	Hgt	Area X	SPM X	SOF = Points	
.18	2403.0	20.04	8668.1	Double, Clear	SW	1.5	6.0	10.0	38.46	0.89	340.4
				Double, Clear	W	8.2	8.0	30.0	36.99	0.53	583.0
				Double, Clear	NW	10.5	8.0	10.0	25.46	0.59	151.1
				Double, Clear	W	15.5	9.7	20.0	36.99	0.44	323.0
				Double, Clear	W	15.5	9.0	36.0	36.99	0.42	563.0
				Double, Clear	S	15.5	9.7	20.0	34.50	0.47	321.8
				Double, Clear	SW	15.5	9.0	24.0	38.46	0.40	373.5
				Double, Clear	W	7.2	9.0	17.0	36.99	0.59	367.9
				Double, Clear	S	1.5	9.0	54.0	34.50	0.94	1758.8
				Double, Clear	W	1.5	9.0	36.0	36.99	0.97	1292.0
				Double, Clear	N	1.5	2.0	4.0	19.22	0.76	58.2
				Double, Clear	N	1.5	6.0	15.0	19.22	0.94	270.6
				Double, Clear	N	1.5	2.0	4.0	19.22	0.76	58.2
				Double, Clear	N	1.5	6.0	15.0	19.22	0.94	270.6
				Double, Clear	E	1.5	8.0	30.0	40.22	0.96	1155.5
				Double, Clear	E	10.5	11.7	40.0	40.22	0.54	873.3
				Double, Clear	E	1.5	4.0	6.0	40.22	0.82	196.8
				Double, Clear	E	1.5	6.0	20.0	40.22	0.91	734.3
				Double, Clear	S	1.5	4.0	6.0	34.50	0.74	153.4
				Double, Clear	S	1.5	6.0	20.0	34.50	0.86	590.7
				As-Built Total:			417.0			10436.1	
WALL TYPES		Area X BSPM = Points		Type	R-Value		Area X		SPM = Points		
Adjacent	166.0	0.70	116.2	Frame, Wood, Exterior	13.0		1564.0	1.50		2346.0	
Exterior	1564.0	1.70	2658.8	Frame, Wood, Adjacent	13.0		166.0	0.60		99.6	
Base Total:		1730.0	2775.0	As-Built Total:			1730.0		2445.6		
DOOR TYPES		Area X BSPM = Points		Type	R-Value		Area X		SPM = Points		
Adjacent	18.0	2.40	43.2	Adjacent Insulated			18.0	1.60		28.8	
Exterior	0.0	0.00	0.0								
Base Total:		18.0	43.2	As-Built Total:			18.0		28.8		
CEILING TYPES		Area X BSPM = Points		Type	R-Value		Area X		SPM X SCM = Points		
Under Attic	2403.0	1.73	4157.2	Under Attic	30.0		2482.0	1.73 X 1.00		4293.9	
Base Total:		2403.0	4157.2	As-Built Total:			2482.0		4293.9		

SUMMER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: Cobblestone, Plat: , Lake City, FL, 32025-

PERMIT #:

BASE				AS-BUILT									
FLOOR TYPES	Area	X	BSPM = Points	Type	R-Value	Area	X	SPM = Points					
Slab	258.0(p)		-37.0	-9546.0	Slab-On-Grade Edge Insulation	0.0	258.0(p)	-41.20	-10629.6				
Raised	0.0		0.00	0.0									
Base Total:			-9546.0	As-Built Total:			258.0	-10629.6					
INFILTRATION								Area	X	SPM = Points			
								2403.0	10.21	24534.6			
Summer Base Points: 30632.1				Summer As-Built Points:				31109.4					
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)									
30632.1		0.4266	13067.7	31109.4	1.000	(1.090 x 1.147 x 1.00)	0.310		1.000			12067.7	
				31109.4	1.00	1.250	0.310		1.000			12067.7	

WINTER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: Cobblestone, Plat: , Lake City, FL, 32025- 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	2403.0	12.74	5510.6	Double, Clear	SW	1.5	6.0	10.0	7.17	1.06	76.0		
				Double, Clear	W	8.2	8.0	30.0	10.77	1.17	377.6		
				Double, Clear	NW	10.5	8.0	10.0	14.03	1.03	144.3		
				Double, Clear	W	15.5	9.7	20.0	10.77	1.21	260.5		
				Double, Clear	W	15.5	9.0	36.0	10.77	1.22	471.4		
				Double, Clear	S	15.5	9.7	20.0	4.03	3.35	270.3		
				Double, Clear	SW	15.5	9.0	24.0	7.17	1.89	324.4		
				Double, Clear	W	7.2	9.0	17.0	10.77	1.14	209.0		
				Double, Clear	S	1.5	9.0	54.0	4.03	1.02	222.7		
				Double, Clear	W	1.5	9.0	36.0	10.77	1.01	390.6		
				Double, Clear	N	1.5	2.0	4.0	14.30	1.01	58.1		
				Double, Clear	N	1.5	6.0	15.0	14.30	1.00	215.1		
				Double, Clear	N	1.5	2.0	4.0	14.30	1.01	58.1		
				Double, Clear	N	1.5	6.0	15.0	14.30	1.00	215.1		
				Double, Clear	E	1.5	8.0	30.0	9.09	1.02	278.1		
				Double, Clear	E	10.5	11.7	40.0	9.09	1.26	457.6		
				Double, Clear	E	1.5	4.0	6.0	9.09	1.07	58.6		
				Double, Clear	E	1.5	6.0	20.0	9.09	1.04	188.3		
				Double, Clear	S	1.5	4.0	6.0	4.03	1.34	32.5		
				Double, Clear	S	1.5	6.0	20.0	4.03	1.12	90.1		
				As-Built Total:			417.0			4398.3			
WALL TYPES Area X BWPM = Points				Type	R-Value			Area X WPM = Points					
Adjacent	166.0	3.60	597.6	Frame, Wood, Exterior	13.0			1564.0	3.40	5317.6			
Exterior	1564.0	3.70	5786.8	Frame, Wood, Adjacent	13.0			166.0	3.30	547.8			
Base Total:				1730.0			6384.4			As-Built Total:		1730.0	5865.4
DOOR TYPES Area X BWPM = Points				Type				Area X WPM = Points					
Adjacent	18.0	11.50	207.0	Adjacent Insulated				18.0	8.00	144.0			
Exterior	0.0	0.00	0.0										
Base Total:				18.0			207.0			As-Built Total:		18.0	144.0
CEILING TYPES Area X BWPM = Points				Type	R-Value			Area X WPM X WCM = Points					
Under Attic	2403.0	2.05	4926.1	Under Attic	30.0			2482.0	2.05 X 1.00	5088.1			
Base Total:				2403.0			4926.1			As-Built Total:		2482.0	5088.1

WINTER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: Cobblestone, Plat: , Lake City, FL, 32025-

PERMIT #:

BASE				AS-BUILT					
FLOOR TYPES Area X BWPM = Points				Type	R-Value	Area X WPM = Points			
Slab	258.0(p)	8.9	2296.2	Slab-On-Grade Edge Insulation	0.0	258.0(p)	18.80	4850.4	
Raised	0.0	0.00	0.0						
Base Total:			2296.2	As-Built Total:			258.0	4850.4	
INFILTRATION Area X BWPM = Points				Area X WPM = Points					
			2403.0	-0.59		-1417.8			
							2403.0	-0.59	-1417.8
Winter Base Points:			17906.5	Winter As-Built Points:			18928.4		
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)					
17906.5	0.6274	11234.6		18928.4	1.000	(1.069 x 1.169 x 1.00)	0.461	1.000	
				18928.4	1.00	1.250	0.461	10900.1	

WATER HEATING & CODE COMPLIANCE STATUS
Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: Cobblestone, Plat: , Lake City, FL, 32025-

PERMIT #:

BASE				AS-BUILT					
WATER HEATING									
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X Tank Ratio	X Multiplier	X Credit = Total Multiplier
4		2746.00	10984.0	50.0	0.90	4	0.50	2684.98	1.00 5370.0
				50.0	0.90	4	0.50	2684.98	1.00 5370.0
				As-Built Total:					
				10739.9					

CODE COMPLIANCE STATUS							
BASE				AS-BUILT			
Cooling Points	+	Heating Points	+ Hot Water Points = Total Points	Cooling Points	+	Heating Points	+ Hot Water Points = Total Points
13068		11235	10984 35286	12068		10900	10740 33708

PASS



Code Compliance Checklist
Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: Cobblestone, Plat: , Lake City, FL, 32025-

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* = 83.6

The higher the score, the more efficient the home.

Buckingham Spec, Lot: , Sub: Cobblestone, Plat: , Lake City, FL, 32025-

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	4	b. N/A	
5. Is this a worst case?	No	c. N/A	
6. Conditioned floor area (ft ²)	2403 ft ²		
7. Glass area & type		13. Heating systems	
a. Clear - single pane	0.0 ft ²	a. Electric Heat Pump	Cap: 49.0 kBtu/hr
b. Clear - double pane	417.0 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, 258.0(p) ft	a. Electric Resistance	Cap: 50.0 gallons
b. N/A			EF: 0.90
c. N/A		b. Electric Resistance	Cap: 50.0 gallons
9. Wall types			EF: 0.90
a. Frame, Wood, Exterior	R=13.0, 1564.0 ft ²	c. Conservation credits	
b. Frame, Wood, Adjacent	R=13.0, 166.0 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, 2482.0 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: 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.

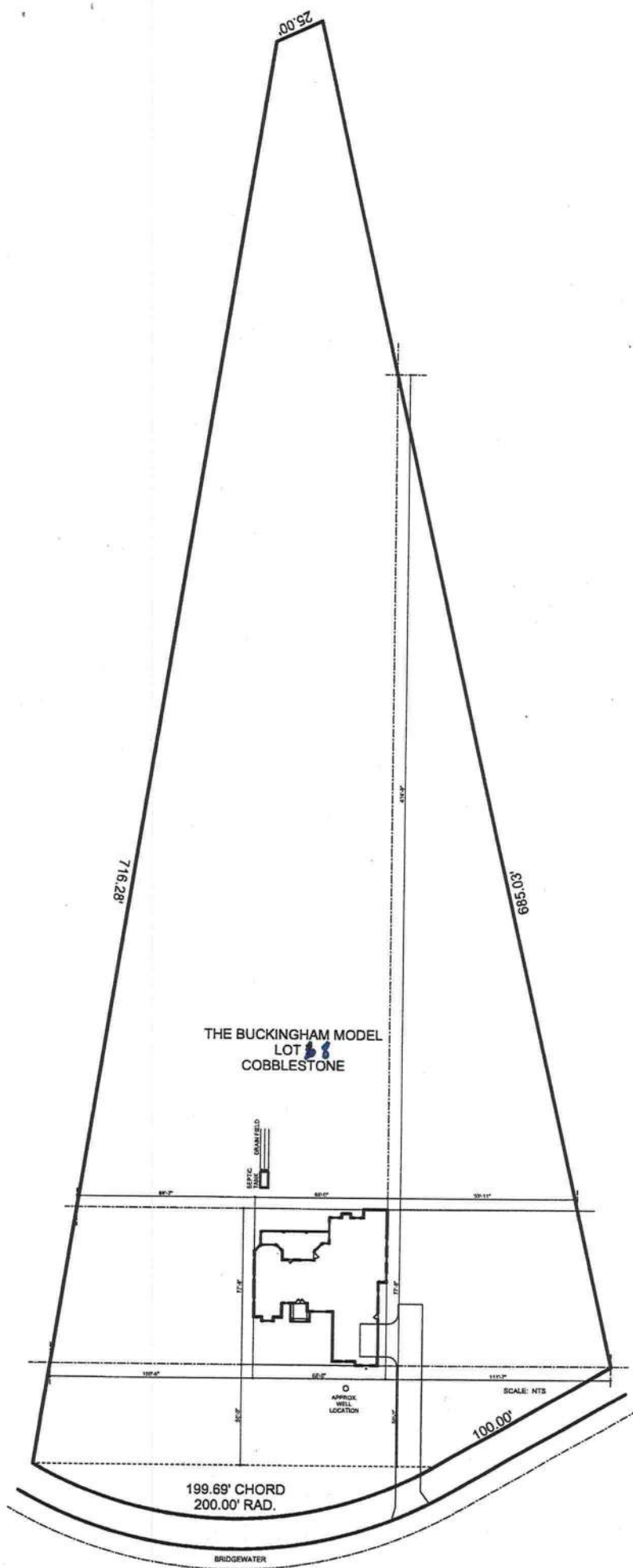
Builder Signature: _____ Date: _____

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: FLR1PB v3.22)




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: February 24, 2005**ENHANCED 9-1-1 ADDRESS:****401 NW BRIDGEWATER TER (LAKE CITY, FL 32055)****Addressed Location 911 Phone Number:** NOT AVAIL.**OCCUPANT NAME:** NOT AVAIL.**OCCUPANT CURRENT MAILING ADDRESS:** _____**PROPERTY APPRAISER MAP SHEET NUMBER:** 68D**PROPERTY APPRAISER PARCEL NUMBER:** 24-35-16-99999-999**Other Contact Phone Number (If any):** _____**Building Permit Number (If known):** _____**Remarks:** LOT 8, UNIT 1, COBBLESTONE S/D**Address Issued By:** 

Columbia County 9-1-1 Addressing Department

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

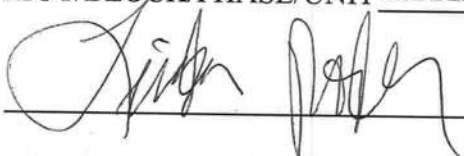
**Columbia County Building Department
Culvert Permit**

**Culvert Permit No.
000000557**

DATE 02/28/2005 PARCEL ID # 24-3S-16-02275-108
APPLICANT LINDA RODER PHONE 752-2281
ADDRESS RT 9 BOX 646 LAKE CITY FL 32024
OWNER ISAAC BRATKOVICH PHONE 719-7143
ADDRESS 401 NW BRIDGEWATER TERR LAKE CITY FL 32055
CONTRACTOR ISAAC CONSTRUCTION PHONE 719-7143
LOCATION OF PROPERTY 90W, TR ON LAKE JEFFREY ROAD, TR ON BRIDGEWATER TERR,
8TH ON RIGHT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT COBBLESTONE 8 1

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



FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name:	Isaac Construcion	Builder:	Isaac Construction, Inc
Address:	Lot: , Sub: Cobblestone, Plat:	Permitting Office:	
City, State:	Lake City, FL 32025-	Permit Number:	
Owner:	Buckingham Spec	Jurisdiction Number:	
Climate Zone:	North		

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	4	b. N/A	
5. Is this a worst case?	No	c. N/A	
6. Conditioned floor area (ft ²)	2403 ft ²		
7. Glass area & type		13. Heating systems	
a. Clear - single pane	0.0 ft ²	a. Electric Heat Pump	Cap: 49.0 kBtu/hr
b. Clear - double pane	417.0 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, 258.0(p) ft	a. Electric Resistance	Cap: 50.0 gallons
b. N/A			EF: 0.90
c. N/A		b. Electric Resistance	Cap: 50.0 gallons
9. Wall types			EF: 0.90
a. Frame, Wood, Exterior	R=13.0, 1564.0 ft ²	c. Conservation credits	
b. Frame, Wood, Adjacent	R=13.0, 166.0 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, 2482.0 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: Garage	Sup. R=6.0, 60.0 ft		
b. N/A			

Glass/Floor Area: 0.17

Total as-built points: 33708
Total base points: 35286

PASS

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

PREPARED BY: Will Myers

DATE: 5.26.04

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: , Sub: Cobblestone, Plat: , Lake City, FL, 32025-

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	2403.0	20.04	8668.1	Double, Clear	SW	1.5	6.0	10.0	38.46	0.89	340.4
				Double, Clear	W	8.2	8.0	30.0	36.99	0.53	583.0
				Double, Clear	NW	10.5	8.0	10.0	25.46	0.59	151.1
				Double, Clear	W	15.5	9.7	20.0	36.99	0.44	323.0
				Double, Clear	W	15.5	9.0	36.0	36.99	0.42	563.0
				Double, Clear	S	15.5	9.7	20.0	34.50	0.47	321.8
				Double, Clear	SW	15.5	9.0	24.0	38.46	0.40	373.5
				Double, Clear	W	7.2	9.0	17.0	36.99	0.59	367.9
				Double, Clear	S	1.5	9.0	54.0	34.50	0.94	1758.8
				Double, Clear	W	1.5	9.0	36.0	36.99	0.97	1292.0
				Double, Clear	N	1.5	2.0	4.0	19.22	0.76	58.2
				Double, Clear	N	1.5	6.0	15.0	19.22	0.94	270.6
				Double, Clear	N	1.5	2.0	4.0	19.22	0.76	58.2
				Double, Clear	N	1.5	6.0	15.0	19.22	0.94	270.6
				Double, Clear	E	1.5	8.0	30.0	40.22	0.96	1155.5
				Double, Clear	E	10.5	11.7	40.0	40.22	0.54	873.3
				Double, Clear	E	1.5	4.0	6.0	40.22	0.82	196.8
				Double, Clear	E	1.5	6.0	20.0	40.22	0.91	734.3
				Double, Clear	S	1.5	4.0	6.0	34.50	0.74	153.4
				Double, Clear	S	1.5	6.0	20.0	34.50	0.86	590.7
								As-Built Total:			417.0
WALL TYPES Area X BSPM = Points				Type	R-Value			Area X SPM = Points			
Adjacent	166.0	0.70	116.2	Frame, Wood, Exterior	13.0			1564.0	1.50	2346.0	
Exterior	1564.0	1.70	2658.8	Frame, Wood, Adjacent	13.0			166.0	0.60	99.6	
Base Total:				As-Built Total:			1730.0			2445.6	
DOOR TYPES Area X BSPM = Points				Type				Area X SPM = Points			
Adjacent	18.0	2.40	43.2	Adjacent Insulated				18.0	1.60	28.8	
Exterior	0.0	0.00	0.0								
Base Total:				As-Built Total:			18.0			28.8	
CEILING TYPES Area X BSPM = Points				Type	R-Value			Area X SPM X SCM = Points			
Under Attic	2403.0	1.73	4157.2	Under Attic	30.0			2482.0	1.73 X 1.00	4293.9	
Base Total:				As-Built Total:			2482.0			4293.9	

SUMMER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: Cobblestone, Plat: , Lake City, FL, 32025-

PERMIT #:

BASE				AS-BUILT						
FLOOR TYPES Area X BSPM = Points				Type	R-Value	Area X SPM = Points				
Slab	258.0(p)	-37.0	-9546.0	Slab-On-Grade Edge Insulation	0.0	258.0(p)	-41.20	-10629.6		
Raised	0.0	0.00	0.0							
Base Total:			-9546.0	As-Built Total:		258.0	-10629.6			
INFILTRATION Area X BSPM = Points				Area X SPM = Points						
2403.0 10.21 24534.6				2403.0 10.21 24534.6						
Summer Base Points: 30632.1				Summer As-Built Points: 31109.4						
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)						
30632.1	0.4266		13067.7	31109.4	1.000	(1.090 x 1.147 x 1.00)	0.310	1.000		12067.7
				31109.4	1.00	1.250	0.310	1.000		12067.7

WINTER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: Cobblestone, Plat: , Lake City, FL, 32025-

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	2403.0	12.74	5510.6	Double, Clear	SW	1.5	6.0	10.0	7.17	1.06	76.0
				Double, Clear	W	8.2	8.0	30.0	10.77	1.17	377.6
				Double, Clear	NW	10.5	8.0	10.0	14.03	1.03	144.3
				Double, Clear	W	15.5	9.7	20.0	10.77	1.21	260.5
				Double, Clear	W	15.5	9.0	36.0	10.77	1.22	471.4
				Double, Clear	S	15.5	9.7	20.0	4.03	3.35	270.3
				Double, Clear	SW	15.5	9.0	24.0	7.17	1.89	324.4
				Double, Clear	W	7.2	9.0	17.0	10.77	1.14	209.0
				Double, Clear	S	1.5	9.0	54.0	4.03	1.02	222.7
				Double, Clear	W	1.5	9.0	36.0	10.77	1.01	390.6
				Double, Clear	N	1.5	2.0	4.0	14.30	1.01	58.1
				Double, Clear	N	1.5	6.0	15.0	14.30	1.00	215.1
				Double, Clear	N	1.5	2.0	4.0	14.30	1.01	58.1
				Double, Clear	N	1.5	6.0	15.0	14.30	1.00	215.1
				Double, Clear	E	1.5	8.0	30.0	9.09	1.02	278.1
				Double, Clear	E	10.5	11.7	40.0	9.09	1.26	457.6
				Double, Clear	E	1.5	4.0	6.0	9.09	1.07	58.6
				Double, Clear	E	1.5	6.0	20.0	9.09	1.04	188.3
				Double, Clear	S	1.5	4.0	6.0	4.03	1.34	32.5
				Double, Clear	S	1.5	6.0	20.0	4.03	1.12	90.1
								As-Built Total:			
WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	166.0	3.60	597.6	Frame, Wood, Exterior	13.0		1564.0	3.40	5317.6		
Exterior	1564.0	3.70	5786.8	Frame, Wood, Adjacent	13.0		166.0	3.30	547.8		
Base Total: 1730.0 6384.4				As-Built Total:		1730.0		5865.4			
DOOR TYPES Area X BWPM = Points				Type			Area X WPM = Points				
Adjacent	18.0	11.50	207.0	Adjacent Insulated			18.0	8.00	144.0		
Exterior	0.0	0.00	0.0								
Base Total: 18.0 207.0				As-Built Total:		18.0		144.0			
CEILING TYPES Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points				
Under Attic	2403.0	2.05	4926.1	Under Attic	30.0		2482.0	2.05 X 1.00	5088.1		
Base Total: 2403.0 4926.1				As-Built Total:		2482.0		5088.1			

WINTER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: Cobblestone, Plat: , Lake City, FL, 32025-

PERMIT #:

BASE				AS-BUILT									
FLOOR TYPES Area X BWPM = Points				Type	R-Value	Area X WPM = Points							
Slab	258.0(p)	8.9	2296.2	Slab-On-Grade Edge Insulation	0.0	258.0(p)	18.80	4850.4					
Raised	0.0	0.00	0.0										
Base Total:			2296.2	As-Built Total:		258.0	4850.4						
INFILTRATION Area X BWPM = Points				Area X WPM = Points									
			2403.0	-0.59	-1417.8								
						2403.0	-0.59	-1417.8					
Winter Base Points:			17906.5	Winter As-Built Points:			18928.4						
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)													
17906.5		0.6274	11234.6	18928.4		1.000	(1.069 x 1.169 x 1.00)	0.461		1.000		1.000	10900.1
				18928.4		1.00	1.250	0.461		1.000		1.000	10900.1

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: Cobblestone, Plat: , Lake City, FL, 32025-	PERMIT #:
---	-----------

BASE				AS-BUILT					
WATER HEATING									
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X	Tank X Ratio	X Multiplier X Credit = Total Multiplier
4		2746.00	10984.0	50.0	0.90	4		0.50	2684.98 1.00 5370.0
				50.0	0.90	4		0.50	2684.98 1.00 5370.0
				As-Built Total:					
				10739.9					

CODE COMPLIANCE STATUS							
BASE				AS-BUILT			
Cooling Points	+	Heating Points	+ Hot Water Points = Total Points	Cooling Points	+	Heating Points	+ Hot Water Points = Total Points
13068		11235	10984 35286	12068		10900	10740 33708

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: Cobblestone, Plat: , Lake City, FL, 32025-

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* = 83.6

The higher the score, the more efficient the home.

Buckingham Spec, Lot: , Sub: Cobblestone, Plat: , Lake City, FL, 32025-

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	4	b. N/A	
5. Is this a worst case?	No	c. N/A	
6. Conditioned floor area (ft ²)	2403 ft ²	13. Heating systems	
7. Glass area & type		a. Electric Heat Pump	Cap: 49.0 kBtu/hr
a. Clear - single pane	0.0 ft ²		HSPF: 7.40
b. Clear - double pane	417.0 ft ²	b. N/A	
c. Tint/other SHGC - single pane	0.0 ft ²	c. N/A	
d. Tint/other SHGC - double pane	0.0 ft ²	14. Hot water systems	
8. Floor types		a. Electric Resistance	Cap: 50.0 gallons
a. Slab-On-Grade Edge Insulation	R=0.0, 258.0(p) ft		EF: 0.90
b. N/A		b. Electric Resistance	Cap: 50.0 gallons
c. N/A			EF: 0.90
9. Wall types		c. Conservation credits	
a. Frame, Wood, Exterior	R=13.0, 1564.0 ft ²	(HR-Heat recovery, Solar	
b. Frame, Wood, Adjacent	R=13.0, 166.0 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, 2482.0 ft ²	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: 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: FLR1PB v3.22)

- a) All sides
- b) Roof pitch
- c) Overhang dimensions and detail with attic ventilation
- d) Location, size and height above roof of chimneys
- e) Location and size of skylights
- f) Building height
- e) Number of stories

<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

Floor Plan including:

- a) Rooms labeled and dimensioned
- b) Shear walls
- c) Windows and doors (including garage doors) showing size, mfg., approval listing and attachment specs. (FBC 1707) and safety glazing where needed (egress windows in bedrooms to be shown)
- d) Fireplaces (gas appliance) (vented or non-vented) or wood burning with hearth
- e) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails
- f) Must show and identify accessibility requirements (accessable bathroom)

Foundation Plan including:

- a) Location of all load-bearing wall with required footings indicated as standard Or monolithic and dimensions and reinforcing
- b) All posts and/or column footing including size and reinforcing
- c) Any special support required by soil analysis such as piling
- d) Location of any vertical steel

Roof System:

- a) Truss package including:
 - 1. Truss layout and truss details signed and sealed by Fl. Pro. Eng.
 - 2. Roof assembly (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
- b) Conventional Framing Layout including:
 - 1. Rafter size, species and spacing
 - 2. Attachment to wall and uplift
 - 3. Ridge beam sized and valley framing and support details
 - 4. Roof assembly (FBC 104.2.1 Roofing systems, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

Wall Sections including:

- a) Masonry wall
 - 1. All materials making up wall
 - 2. Block size and mortar type with size and spacing of reinforcement
 - 3. Lintel, tie-beam sizes and reinforcement
 - 4. Gable ends with rake beams showing reinforcement or gable truss and wall bracing details
 - 5. All required connectors with uplift rating and required number and size of fasteners for continuous tie from roof to foundation
 - 6. Roof assembly shown here or on roof system detail (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with resistance rating)
 - 7. Fire resistant construction (if required)
 - 8. Fireproofing requirements
 - 9. Shoe type of termite treatment (termicide or alternative method)
 - 10. Slab on grade
 - a. Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)
 - b. Must show control joints, synthetic fiber reinforcement or Welded fire fabric reinforcement and supports
 - 11. Indicate where pressure treated wood will be placed
 - 12. Provide insulation R value for the following:
 - a. Attic space
 - b. Exterior wall cavity
 - c. Crawl space (if applicable)

b) Wood frame wall

1. All materials making up wall
2. Size and species of studs
3. Sheathing size, type and nailing schedule
4. Headers sized
5. Gable end showing balloon framing detail or gable truss and wall hinge bracing detail
6. All required fasteners for continuous tie from roof to foundation (truss anchors, straps, anchor bolts and washers)
7. Roof assembly shown here or on roof system detail (FBC104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
8. Fire resistant construction (if applicable)
9. Fireproofing requirements
10. Show type of termite treatment (termiteicide or alternative method)
11. Slab on grade
 - a. Vapor retarder (6Mil. Polyethylene with joints lapped 6 inches and sealed)
 - b. Must show control joints, synthetic fiber reinforcement or welded wire fabric reinforcement and supports
12. Indicate where pressure treated wood will be placed
13. Provide insulation R value for the following:
 - a. Attic space
 - b. Exterior wall cavity
 - c. Crawl space (if applicable)

c) Metal frame wall and roof (designed, signed and sealed by Florida Prof. Engineer or Architect)

Floor Framing System:

- a) Floor truss package including layout and details, signed and sealed by Florida Registered Professional Engineer
- b) Floor joist size and spacing
- c) Girder size and spacing
- d) Attachment of joist to girder
- e) Wind load requirements where applicable

Plumbing Fixture layout

Electrical layout including:

- a) Switches, outlets/receptacles, lighting and all required GFCI outlets identified
- b) Ceiling fans
- c) Smoke detectors
- d) Service panel and sub-panel size and location(s)
- e) Meter location with type of service entrance (overhead or underground)
- f) Appliances and HVAC equipment

HVAC information

- a) Manual J sizing equipment or equivalent computation
- b) Exhaust fans in bathroom

Energy Calculations (dimensions shall match plans)

Gas System Type (LP or Natural) Location and BTU demand of equipment

Disclosure Statement for Owner Builders

Notice Of Commencement

Private Potable Water

- a) Size of pump motor
- b) Size of pressure tank
- c) Cycle stop valve if used

Residential System Sizing Calculation

Buckingham Spec

Lake City, FL 32025-

Summary

Project Title:
Isaac Construcion

Class 3 Rating
Registration No. 0
Climate: North

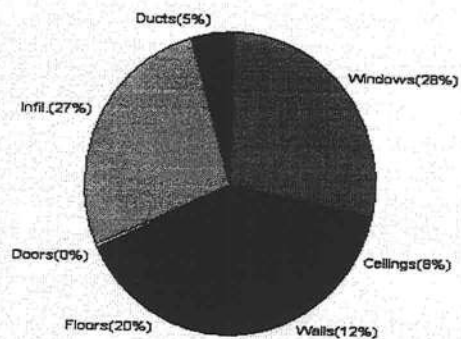
5/26/2004

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	41456 Btuh	Total cooling load calculation	43735 Btuh
Submitted heating capacity	49000 Btuh	Submitted cooling capacity	49000 Btuh
Submitted as % of calculated	118.2 %	Submitted as % of calculated	112.0 %

WINTER CALCULATIONS

Winter Heating Load (for 2403 sqft)

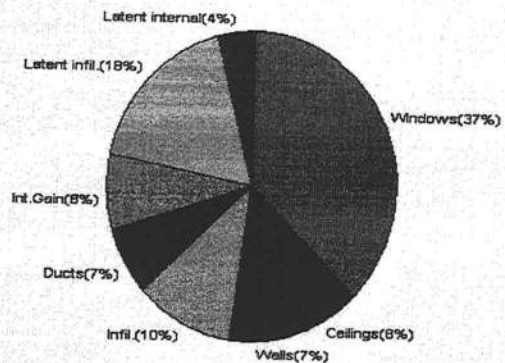
Load component		Load	
Window total	417 sqft	11801	Btuh
Wall total	1730 sqft	5114	Btuh
Door total	18 sqft	169	Btuh
Ceiling total	2482 sqft	3227	Btuh
Floor total	258 ft	8153	Btuh
Infiltration	257 cfm	11018	Btuh
Subtotal		39482	Btuh
Duct loss		1974	Btuh
TOTAL HEAT LOSS		41456	Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 2403 sqft)

Load component		Load	
Window total	417 sqft	16351	Btuh
Wall total	1730 sqft	2894	Btuh
Door total	18 sqft	183	Btuh
Ceiling total	2482 sqft	3524	Btuh
Floor total		0	Btuh
Infiltration	225 cfm	4450	Btuh
Internal gain		3600	Btuh
Subtotal(sensible)		31002	Btuh
Duct gain		3100	Btuh
Total sensible gain		34102	Btuh
Latent gain(infiltration)		7794	Btuh
Latent gain(internal)		1840	Btuh
Total latent gain		9634	Btuh
TOTAL HEAT GAIN		43735	Btuh



EnergyGauge® System Sizing based on ACCA Manual J.

PREPARED BY: _____

DATE: _____

EnergyGauge® FLR1PB v3.22

System Sizing Calculations - Winter

Residential Load - Component Details

Buckingham Spec

Project Title:
Isaac Construcion

Class 3 Rating
Registration No. 0
Climate: North

Lake City, FL 32025-

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

5/26/2004

Window	Panes/SHGC/Frame/U	Orientation	Area X	HTM=	Load
1	2, Clear, Metal, DEF	SW	10.0	28.3	283 Btuh
2	2, Clear, Metal, DEF	W	30.0	28.3	849 Btuh
3	2, Clear, Metal, DEF	NW	10.0	28.3	283 Btuh
4	2, Clear, Metal, DEF	W	20.0	28.3	566 Btuh
5	2, Clear, Metal, DEF	W	36.0	28.3	1019 Btuh
6	2, Clear, Metal, DEF	S	20.0	28.3	566 Btuh
7	2, Clear, Metal, DEF	SW	24.0	28.3	679 Btuh
8	2, Clear, Metal, DEF	W	17.0	28.3	481 Btuh
9	2, Clear, Metal, DEF	S	54.0	28.3	1528 Btuh
10	2, Clear, Metal, DEF	W	36.0	28.3	1019 Btuh
11	2, Clear, Metal, DEF	N	4.0	28.3	113 Btuh
12	2, Clear, Metal, DEF	N	15.0	28.3	424 Btuh
13	2, Clear, Metal, DEF	N	4.0	28.3	113 Btuh
14	2, Clear, Metal, DEF	N	15.0	28.3	424 Btuh
15	2, Clear, Metal, DEF	E	30.0	28.3	849 Btuh
16	2, Clear, Metal, DEF	E	40.0	28.3	1132 Btuh
17	2, Clear, Metal, DEF	E	6.0	28.3	170 Btuh
18	2, Clear, Metal, DEF	E	20.0	28.3	566 Btuh
19	2, Clear, Metal, DEF	S	6.0	28.3	170 Btuh
20	2, Clear, Metal, DEF	S	20.0	28.3	566 Btuh
Window Total			417		11801 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Exterior	13.0	1564	3.1	4848 Btuh
2	Frame - Adjacent	13.0	166	1.6	266 Btuh
Wall Total			1730		5114 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Adjac		18	9.4	169 Btuh
Door Total			18		169Btuh
Ceilings	Type	R-Value	Area X	HTM=	Load
1	Under Attic	30.0	2482	1.3	3227 Btuh
Ceiling Total			2482		3227Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab-On-Grade Edge Insul	0	258.0 ft(p)	31.6	8153 Btuh
Floor Total			258		8153 Btuh
Infiltration	Type	ACH X	Building Volume	CFM=	Load
	Natural	0.80	19224(sqft)	257	11018 Btuh
	Mechanical			0	0 Btuh
Infiltration Total				257	11018 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Buckingham Spec

Project Title:
Isaac Construcion

Class 3 Rating
Registration No. 0
Climate: North

Lake City, FL 32025-

5/26/2004

Totals for Heating	Subtotal	39482 Btuh
	Duct Loss(using duct multiplier of 0.05)	1974 Btuh
	Total Btuh Loss	41456 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

Buckingham Spec

Lake City, FL 32025-

Project Title:
Isaac Construcion

Class 3 Rating
Registration No. 0
Climate: North

Reference City: Gainesville (Defaults)

Summer Temperature Difference: 18.0 F

5/26/2004

Window	Type		Overhang		Window Area(sqft)			HTM		Load	
	Panes/SHGC/U/InSh/ExSh Omt		Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2, Clear, DEF, N, N	SW	1.5	6	10.0	0.0	10.0	22	62		620 Btuh
2	2, Clear, DEF, N, N	W	8.16	8	30.0	23.3	6.7	22	72		995 Btuh
3	2, Clear, DEF, N, N	NW	10.5	8	10.0	0.0	10.0	22	50		500 Btuh
4	2, Clear, DEF, N, N	W	15.5	9.66	20.0	20.0	0.0	22	72		440 Btuh
5	2, Clear, DEF, N, N	W	15.5	9	36.0	36.0	0.0	22	72		792 Btuh
6	2, Clear, DEF, N, N	S	15.5	9.66	20.0	20.0	0.0	22	37		440 Btuh
7	2, Clear, DEF, N, N	SW	15.5	9	24.0	24.0	0.0	22	62		528 Btuh
8	2, Clear, DEF, N, N	W	7.16	9	17.0	4.4	12.6	22	72		1003 Btuh
9	2, Clear, DEF, N, N	S	1.5	9	54.0	54.0	0.0	22	37		1188 Btuh
10	2, Clear, DEF, N, N	W	1.5	9	36.0	0.0	36.0	22	72		2592 Btuh
11	2, Clear, DEF, N, N	N	1.5	2	4.0	0.0	4.0	22	22		88 Btuh
12	2, Clear, DEF, N, N	N	1.5	6	15.0	0.0	15.0	22	22		330 Btuh
13	2, Clear, DEF, N, N	N	1.5	2	4.0	0.0	4.0	22	22		88 Btuh
14	2, Clear, DEF, N, N	N	1.5	6	15.0	0.0	15.0	22	22		330 Btuh
15	2, Clear, DEF, N, N	E	1.5	8	30.0	0.0	30.0	22	72		2160 Btuh
16	2, Clear, DEF, N, N	E	10.5	11.6	40.0	21.3	18.7	22	72		1813 Btuh
17	2, Clear, DEF, N, N	E	1.5	4	6.0	0.0	6.0	22	72		432 Btuh
18	2, Clear, DEF, N, N	E	1.5	6	20.0	0.0	20.0	22	72		1440 Btuh
19	2, Clear, DEF, N, N	S	1.5	4	6.0	6.0	0.0	22	37		132 Btuh
20	2, Clear, DEF, N, N	S	1.5	6	20.0	20.0	0.0	22	37		440 Btuh
Window Total					417					16351 Btuh	
Walls	Type	R-Value		Area		HTM		Load			
	1 Frame - Exterior	13.0		1564.0		1.7		2721 Btuh			
	2 Frame - Adjacent	13.0		166.0		1.0		173 Btuh			
Wall Total					1730.0					2894 Btuh	
Doors	Type	R-Value		Area		HTM		Load			
	1 Insulated - Adjac			18.0		10.1		183 Btuh			
Door Total					18.0					183 Btuh	
Ceilings	Type/Color	R-Value		Area		HTM		Load			
	1 Under Attic/Dark	30.0		2482.0		1.4		3524 Btuh			
Ceiling Total					2482.0					3524 Btuh	
Floors	Type	R-Value		Size		HTM		Load			
	1 Slab-On-Grade Edge Insulation	0.0		258.0 ft(p)		0.0		0 Btuh			
Floor Total					258.0					0 Btuh	
Infiltration	Type	ACH		Volume		CFM=		Load			
	Natural	0.70		19224		224.7		4450 Btuh			
	Mechanical					0		0 Btuh			
Infiltration Total								225		4450 Btuh	
Internal gain	Occupants		Btuh/occupant		Appliance		Load				
	8		X 300		+		1200		3600 Btuh		

EnergyGauge® FLR1PB v3.22

Manual J Summer Calculations

Residential Load - Component Details (continued)

Buckingham Spec

Lake City, FL 32025-

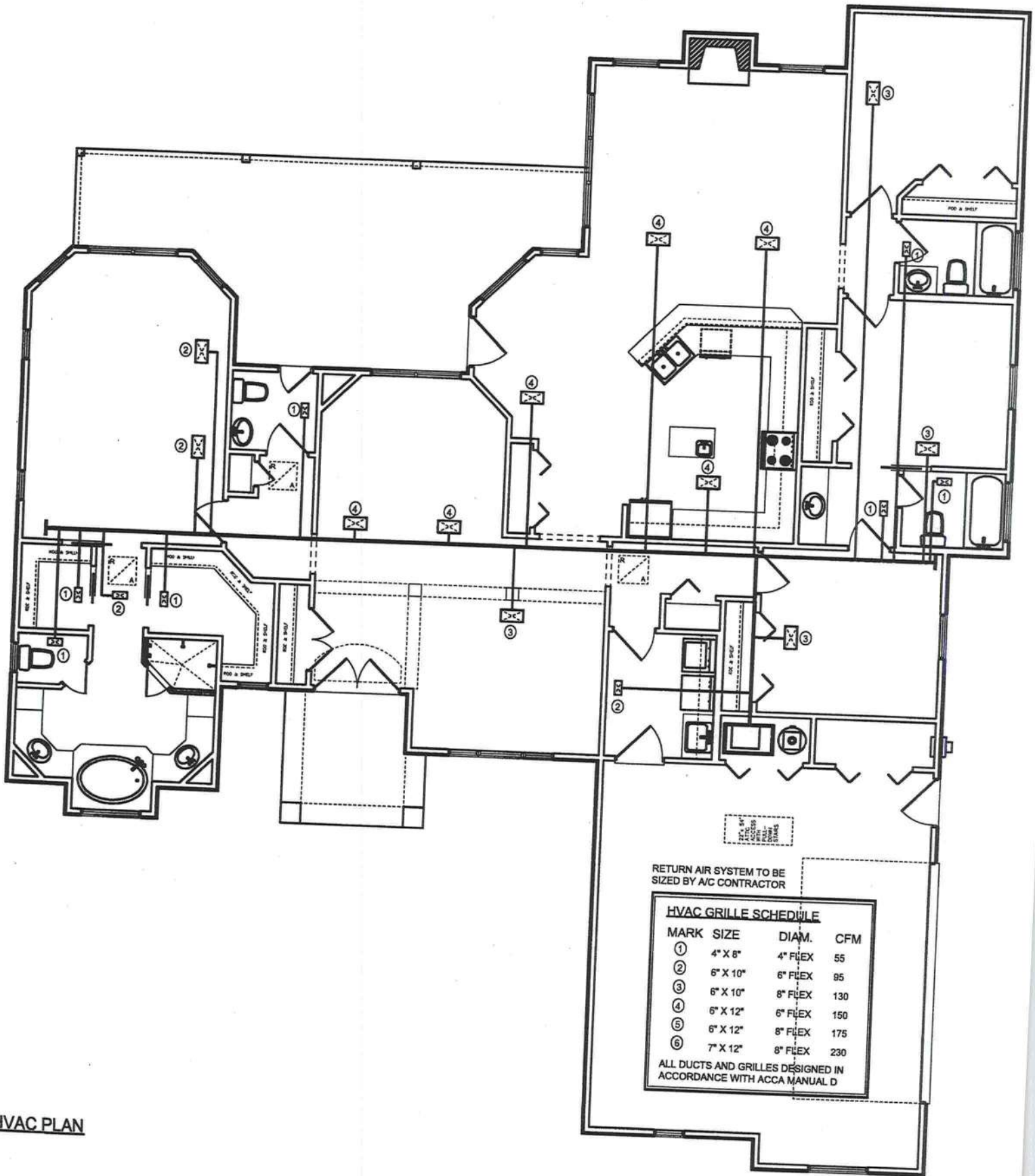
Project Title:
Isaac Construcion

Class 3 Rating
Registration No. 0
Climate: North

5/26/2004

Totals for Cooling	Subtotal	31002 Btuh
	Duct gain(using duct multiplier of 0.10)	3100 Btuh
	Total sensible gain	34102 Btuh
	Latent infiltration gain (for 51 gr. humidity difference)	7794 Btuh
	Latent occupant gain (8 people @ 230 Btuh per person)	1840 Btuh
	Latent other gain	0 Btuh
	TOTAL GAIN	43735 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)



HVAC PLAN

New Construction Subterranean Termite Soil Treatment Record

This form is completed by the licensed Pest Control Company.

OMB Approval No. 2502-0525
(exp. 10/31/2005)

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.

Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.
 Company Address: 301 NW Cole Terrace
 Company Business License No. JB109476 City Lake City State FL Zip 32055
 FHAVA Case No. (if any) _____ Company Phone No. 386-755-3611

Section 2: Builder Information

Company Name: Ismael T. T. T. Company Phone No. _____

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) PERMIT # 22856 Cobblestone Lot # 8
401 N.W. Bridgewater Trce.
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 Asst

Section 4: Treatment Information

Date(s) of Treatment(s) 3-23-05
 Brand Name of Product(s) Used Solignum
 EPA Registration No. 70907-7-53853
 Approximate Final Mix Solution % 0.5%
 Approximate Size of Treatment Area: Sq. ft. 3471 Linear ft. 238 Linear ft. of Masonry Voids 238
 Approximate Total Gallons of Solution Applied 544
 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 Brennan

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 [Signature]

Date 3-23-05

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 be used

Order Product #2081 • From Crown Graphics, Inc. • 1-800-252-1011

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

Construction Subterranean

This form is completed by the licensed Pest Control Operator. The information is estimated by searching existing data sources, gathering information from the field, and maintaining the data needed. HUD may not collect this information. 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 termite infestation is specified by the builder, architect, or required by the lender, architect, FHA, or VA.

22856

Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.
Company Address: 301 NW Cole Terrace
Company Business License No. JB109476
FHA/VA Case No. (if any) _____

City Lake City State FL Zip 32055
Company Phone No. 386-755-3511

Section 2: Builder Information

Company Name: James Zoult

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) 401 N.W. Bridgewater Terrace, Lake City, FL 32055

Type of Construction (More than one box may be checked) ☒ Slab ☐ Basement ☐ Crawl ☐ Other None
Approximate Depth of Footing: Outside 12 Inside 12

Section 4: Treatment Information

Date(s) of Treatment(s) 3-23-05
Brand Name of Product(s) Used Quintus
EPA Registration No. 70407-7-53883
Approximate Final Mix Solution % 0.5%
Approximate Size of Treatment Area: Sq. ft. 3471 Linear ft. 234
Approximate Total Gallons of Solution Applied 546
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 _____

Certification No. (if required by State law) JB104376

Name of Applicator(s) Steve Brannon

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

Authorized Signature [Signature]

Date 3-23-05

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. 3526)
Form NPCA-99-B may still be used
Reorder Product #2581 • From Crown Graphics, Inc. • 1-800-252-4011

FAXED
9/20/05

CHRYSTIAN
OF
CALDWELL

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 24-3S-16-02275-108

Building permit No. 000022856

Use Classification SFD, UTILITY

Fire: .00

Permit Holder ISAAC CONSTRUCTION

Waste: .00


Owner of Building ISAAC BRATKOVICH

Total: .00

Location: 401 NW BRIDGEWATER TERR(COBBLESTONE, LOT 8)

Date: 09/19/2005




Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

Permit 22856

Inst:2005008621 Date:04/14/2005 Time:08:39

3.50

THIS INSTRUMENT WAS PREPARED BY:
TERRY MCDAVID 05-
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

DC, P. DeWitt Cason, Columbia County B:1043 P:935

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:

Lot 8, COBBLESTONE, Unit 1, a subdivision according to the plat thereof as recorded in Plat Book 8, Pages 3-6 of the public records of Columbia County, Florida.

2. General description of improvement: Construction of Dwelling

3. Owner information:

a. Name and address: ISAAC CONSTRUCTION, INC.
1005 SW Walter Ave., Lake City, FL 32024

b. Interest in property: Fee Simple

c. Name and address of fee simple title holder (if other than Owner): None

4. Contractor: ISAAC CONSTRUCTION, INC.

1005 SW Walter Ave., Lake City, FL 32024; Phone No.: (386) 719-7143

5. Surety n/a

a. Name and address:
b. Amount of bond:

6. Lender: Mercantile Bank

187 SE Baya Drive, Lake City, FL 32025

7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes: NONE

8. In addition to himself, Owner designates Robert Turbeville, Mercantile Bank, 187 SE Baya Drive, Lake City, FL 32025 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). April 11, 2006.

ISAAC CONSTRUCTION, INC.

Isaac Bratkovich
By: ISAAC BRATKOVICH, President

The foregoing instrument was acknowledged before me this 11th day of April, 2005, by ISAAC BRATKOVICH, President of ISAAC CONSTRUCTION, INC. who are personally known to me and who did not take an oath.

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 CASON, CLERK OF COURTS

By *Marcus K. Cason*
Deputy Clerk
Date *April 14, 2005*



[Signature]
Notary Public
My commission expires: _____

