

DATE 09/15/2005

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000023608

APPLICANT MELANIE RODER PHONE 752-2281
ADDRESS 387 SW KEMP COURT LAKE CITY FL 32024
OWNER ISAAC CONSTRUCTION PHONE 719-7143
ADDRESS 459 NW BRIDGEWATER TERR LAKE CITY FL 32055
CONTRACTOR ISAAC CONSTRUCTION PHONE 719-7143
LOCATION OF PROPERTY LAKE JEFFREY, TR ON BRIDGEWATER, 9TH LOT ON RIGHT

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 123450.00
HEATED FLOOR AREA 2469.00 TOTAL AREA 3381.00 HEIGHT .00 STORIES 1
FOUNDATION CONC WALLS FRAMED ROOF PITCH 8/12 FLOOR SLAB
LAND USE & ZONING RSF-2 MAX. HEIGHT 25
Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00
NO. EX.D.U. 0 FLOOD ZONE X PP DEVELOPMENT PERMIT NO. _____

PARCEL ID 24-3S-16-02275-109 SUBDIVISION COBBLESTONE
LOT 9 BLOCK _____ PHASE _____ UNIT 1 TOTAL ACRES _____

000000815 _____ CBC059323 Melanie Roder
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
CULVERT 05-0804-N BK Y
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: ONE FOOT ABOVE THE ROAD,

Check # or Cash 1147

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

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

BUILDING PERMIT FEE \$ 620.00 CERTIFICATION FEE \$ 16.91 SURCHARGE FEE \$ 16.91
MISC. FEES \$.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ _____ WASTE FEE \$ _____
FLOOD ZONE DEVELOPMENT FEE \$ _____ CULVERT FEE \$ 25.00 TOTAL FEE 728.82

INSPECTORS OFFICE [Signature] CLERKS OFFICE CH

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.

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0508-90 Date Received 8-24-05 By LH Permit # 815/23608
 Application Approved by - Zoning Official B2K Date 13.09.05 Plans Examiner OK JTH Date 9-6-05
 Flood Zone X P1 Development Permit N/A Zoning RSF-2 Land Use Plan Map Category RES. Low Den
 Comments NO

Applicants Name Linda Roder or Melank Roder Phone 752-2281
 Address 387 SW Kemp Ct Lake City FL 32024
 Owners Name Isaac Construction Phone 719-7143
 911 Address 459 NW Bridgewater Terrace Lake City FL 32055
 Contractors Name Isaac Bratkovich Phone 719-7143
 Address 1065 SW Walter Ave
 Fee Simple Owner Name & Address NA
 Bonding Co. Name & Address NA
 Architect/Engineer Name & Address Will Myers / Nick Geister
 Mortgage Lenders Name & Address Mercantile Bank

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy

Property ID Number 24-35-16-02275-109 Estimated Cost of Construction 165,000

Subdivision Name Cobblestone Lot 9 Block 1 Unit 1 Phase 1

Driving Directions Lake Jeffrey to Cobblestone Subdivision - Turn R on Bridgewater - 9th Lot down on R

Type of Construction SFD Number of Existing Dwellings on Property 0

Total Acreage 2.80 Lot Size 100' x 100' Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 50' Side 70'-10" Side 71' Rear 130'-3"

Total Building Height 25' Number of Stories 1 Heated Floor Area 2469 Roof Pitch 8-12
 Porch 296 Garage 616 TOTAL 3381

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.

Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
COUNTY OF COLUMBIA



Barbara C. Webster
Commission # DD329279
Expires July 2, 2008

Sworn to (or affirmed) and subscribed before me

this 22 day of July 2005

Personally known X or Produced Identification _____

Contractor Signature

Contractors License Number

Competency Card Number CBC 059323

NOTARY STAMP/SEAL

Barbara C. Webster

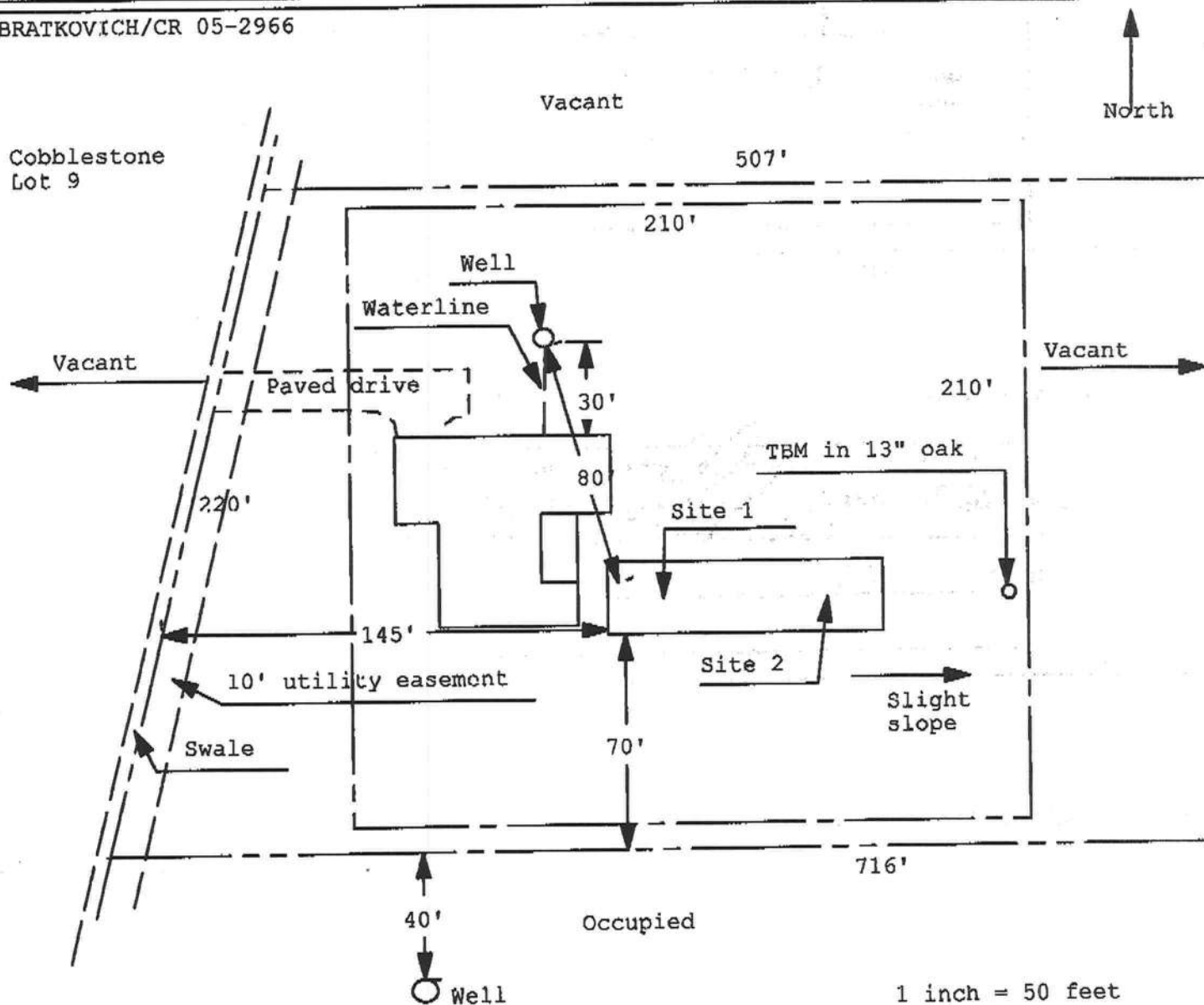
Notary Signature

Cobblestone Lot 9

**Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan**
Permit Application Number: 05-0804N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

BRATKOVICH/CR 05-2966



Site Plan Submitted By Paul Lloyd

Plan Approved ☒ Not Approved ☐

Date 8-3-05

Date 7/21/25

By Mr. D. R. Columbia CPHU

Notes: _____

THIS INSTRUMENT WAS PREPARED BY:

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

RETURN TO:

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

Property Appraiser's
Identification Number

WARRANTY DEED

This Warranty Deed, made this 13th day of July, 2005, BETWEEN COBBLESTONE OF COLUMBIA COUNTY, L.L.C., a Florida Limited Liability Company, whose post office address is 2806 W US Highway 90, Suite 101, Lake City, FL 32055, of the County of Columbia, State of Florida, grantor*, and ISAAC CONSTRUCTION, INC., a Florida Corporation, whose post office address is 1005 SW Walter Ave., Lake City, FL 32024, of the County of Columbia, State of Florida, grantee*.

(Whenever used herein the terms "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations, trusts and trustees)

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:

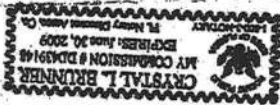
Lots 9, 10 and 11, COBBLESTONE, UNIT 1, a subdivision according to the plat thereof as recorded in Plat Book 8, Pages 3-6 of the public records of Columbia County, Florida.

Together with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

To Have and to Hold, the same in fee simple forever.

And subject to taxes for the current year and later years and all valid easements and restrictions of record, if any, which are not hereby reimposed; and also subject to any claim, right, title or interest arising from any recorded instrument reserving, conveying, leasing, or otherwise alienating any interest in the oil, gas and other minerals. And grantor does warrant the title to said land and will defend the same against the lawful claims of all persons whomsoever, subject only to the exceptions set forth herein.

In Witness Whereof, grantor has hereunto set grantor's hand and seal the day and year first above written.



Printed, typed, or stamped name:

My Commission Expires:

The foregoing instrument was acknowledged before me this 1st day of July, 2005, by CHARLES S. SPARKS, as Managing Member of FRONTIER CAPITAL, L.L.C., a Florida Limited Liability Company who are personally known to me and who did not take an oath.



Printed, typed, or stamped name:

My Commission Expires:

The foregoing instrument was acknowledged before me this 13th day of July, 2005, by DANIEL CRAPP, as Managing Member of COBLESTONE OF COLUMBIA COUNTY, L.L.C., a Florida Limited Liability Company who is personally known to me and who did not take an oath.

STATE OF Florida
COUNTY OF Columbia

By: DANIEL CRAPP,
Managing Member of
COBLESTONE OF COLUMBIA
COUNTY, L.L.C.
BY: FRONTIER CAPITAL, LLC
A Florida Limited
Liability Company, as
Managing Member of
COBLESTONE OF COLUMBIA
COUNTY, LLC
By: Charles S. Sparks,
Managing Member of
Frontier Capital, LLC
(SEAL)

(Signature of First Witness)
CRYSTAL L. BRUNNER
(Typed Name of First Witness)
(Signature of Second Witness)
KAREN A. WILSON
(Typed Name of Second Witness)

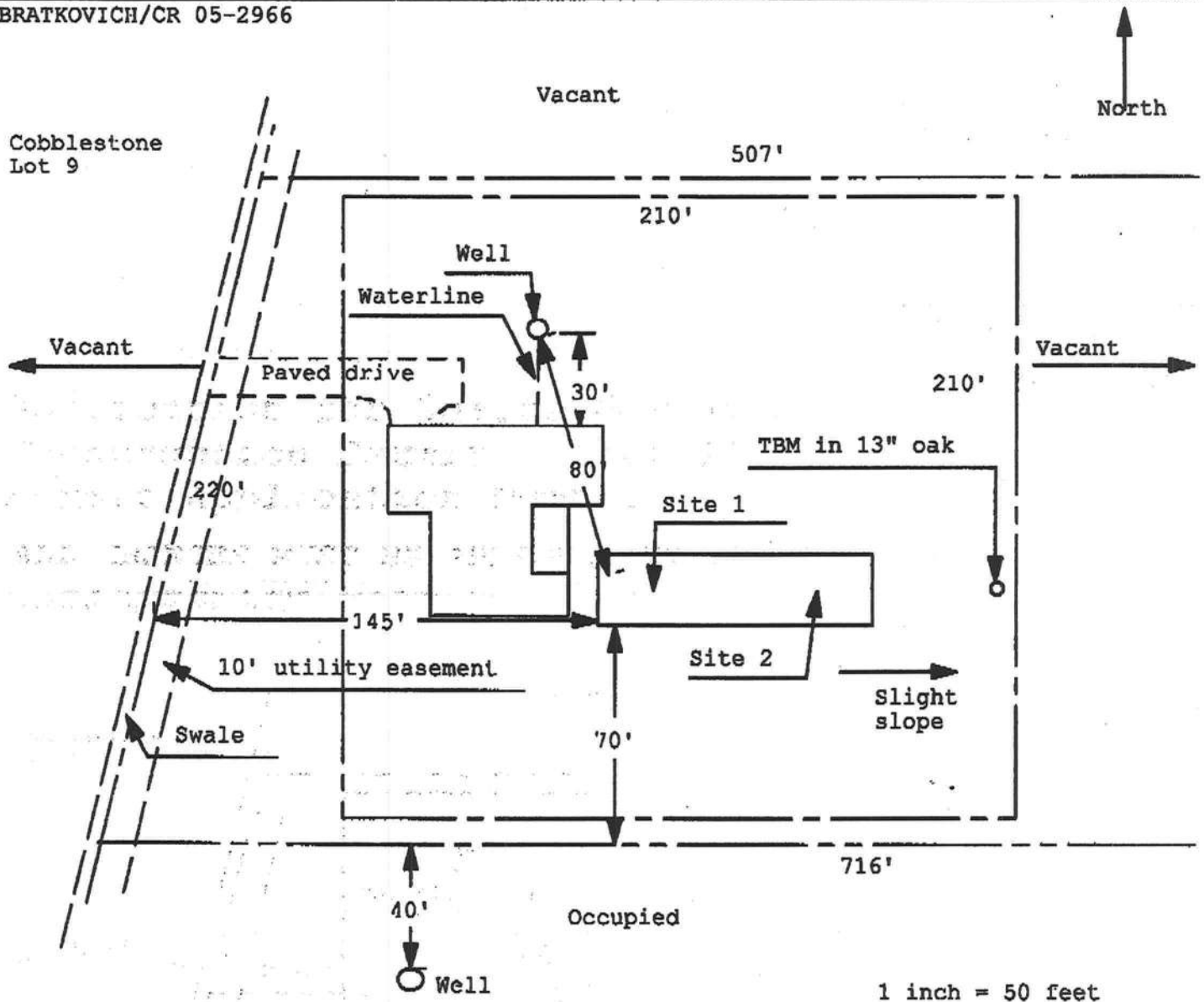
Signed, sealed and delivered
in our presence:

COBLESTONE OF COLUMBIA
COUNTY, L.L.C.

**Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan**
Permit Application Number: 05-0804N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

BRATKOVICH/CR 05-2966



Site Plan Submitted By Paul L. [Signature] Date 7/21/25
Plan Approved ☒ Not Approved ☐ Date 8-3-05
By Mr. [Signature] Columbia CPHU

Notes: _____

ISAAC CONSTRUCTION, INC.
THE CHESHIRE MODEL
LOT 9, COBBLESTONE
COLUMBIA COUNTY, FLORIDA 32025

507.53'

716.28'

248.43'

10'-0" SIDE SETBACK

71'-0"

130'-3"

64'-4"

107'-0"

69'-5"

67'-1"

67'-1"

10'-0" SIDE SETBACK

247.88'

70'-10"

64'-4"

71'-0"

50'-0"

72'-8"

SCALE: 1" = 50'-0"

25'-0" FRONT SETBACK

220.87'

NW BRIDGEWATER TERRACE

Well

FAX NO. : 386-755-7022

Sep. 17 2002 01:52PM P1

HALL'S PUMP & WELL SERVICE, INC.

SPECIALIZING IN 4"-8" WELLS



DONALD AND MARY HALL
OWNERS

PHONE (904) 752-1884
FAX (904) 755-7022
1200 KINGSFORD ROAD, SUITE 100
LAKE CITY, FLORIDA 32055
904 NW Main Blvd.

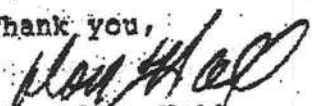
June 12, 2002

NOTICE TO ALL CONTRACTORS

Please be advised that due to the new building codes we will use a large capacity diaphragm tank on all new wells. This will insure a minimum of one (1) minute draw down or one (1) minute refill. If a smaller diaphragm tank is used then we will install a cycle stop valve which will produce the same results.

If you have any questions please feel free to call our office anytime.

Thank you,


Donald D. Hall
DDH/jk

HALL'S PUMP & WELL SERVICE, INC.

SPECIALIZING IN 4"-6" WELLS



DONALD AND MARY HALL
OWNERS

PHONE (386) 752-1884
FAX (386) 755-7022
804 NW MAIN BLVD.
LAKE CITY, FLORIDA 32055

July 12, 2005

NOTICE TO BUILDING DEPT

For Cobble Stone Lot 9 - Isaac Construction

Please be advised that due to the new building codes we will use a large capacity diaphragm tank on all new wells. This will insure a minimum of one (1) minute draw down or one (1) minute refill. If a smaller diaphragm tank is used then we will install a cycle stop valve which will produce the same results. All wells will have a submersible pump and diaphragm tank combination that will be sufficient for each situation.

If you have any questions please feel free to call our office anytime.

Thank you,

A handwritten signature in cursive script, appearing to read 'Don Hall'.

Donald D. Hall
DDH/rb

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name:	Isaac Construction, Inc. - Cheshire Model	Builder:	Isaac Construction, Inc.
Address:	Lot: 9, Sub: Cobblestone, Plat:	Permitting Office:	
City, State:	Lake City, FL 32025-	Permit Number:	23608
Owner:	Spec House	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: 52.0 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)	2469 ft ²		
7. Glass area & type		13. Heating systems	
a. Clear - single pane	0.0 ft ²	a. Electric Heat Pump	Cap: 52.0 kBtu/hr
b. Clear - double pane	450.0 ft ²		HSPF: 6.80
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, 270.0(p) ft	a. Electric Resistance	Cap: 50.0 gallons
b. N/A			EF: 0.90
c. N/A		b. N/A	
9. Wall types		c. Conservation credits	
a. Frame, Wood, Exterior	R=13.0, 1603.0 ft ²	(HR-Heat recovery, Solar	
b. Frame, Wood, Adjacent	R=13.0, 236.0 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, 2569.0 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, 50.0 ft		
b. N/A			

Glass/Floor Area: 0.18

Total as-built points: 36007

Total base points: 36113

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: 07/14/05

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: 9, 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	2469.0	20.04	8906.2	Double, Clear	W	1.5	6.0	15.0	36.99	0.91	506.7
				Double, Clear	W	1.5	8.0	30.0	36.99	0.96	1063.1
				Double, Clear	N	1.5	8.0	42.0	19.22	0.97	780.8
				Double, Clear	N	5.0	9.7	20.0	19.22	0.83	317.2
				Double, Clear	NW	10.5	8.0	42.0	25.46	0.59	634.8
				Double, Clear	W	15.0	9.7	20.0	36.99	0.44	327.5
				Double, Clear	W	15.0	8.0	63.0	36.99	0.42	967.3
				Double, Clear	W	1.5	4.0	6.0	36.99	0.82	181.4
				Double, Clear	W	1.5	5.0	32.0	36.99	0.88	1036.2
				Double, Clear	N	1.5	5.0	16.0	19.22	0.92	281.5
				Double, Clear	N	1.5	6.0	30.0	19.22	0.94	541.2
				Double, Clear	E	1.5	6.0	30.0	40.22	0.91	1101.4
				Double, Clear	E	9.5	9.7	40.0	40.22	0.52	840.1
				Double, Clear	NE	1.5	8.0	15.0	28.72	0.96	414.3
				Double, Clear	E	1.5	8.0	15.0	40.22	0.96	577.7
				Double, Clear	S	1.5	6.0	30.0	34.50	0.86	886.1
				Double, Clear	S	1.5	2.0	4.0	34.50	0.57	78.0
				As-Built Total:		450.0			10535.3		
WALL TYPES				Area X BSPM = Points		Type	R-Value	Area X SPM = Points			
Adjacent	236.0	0.70	165.2	Frame, Wood, Exterior		13.0	1603.0	1.50	2404.5		
Exterior	1603.0	1.70	2725.1	Frame, Wood, Adjacent		13.0	236.0	0.60	141.6		
Base Total:		1839.0	2890.3	As-Built Total:		1839.0		2546.1			
DOOR TYPES				Area X BSPM = Points		Type	Area X SPM = Points				
Adjacent	0.0	0.00	0.0	Exterior Insulated		20.0		4.10	82.0		
Exterior	20.0	6.10	122.0								
Base Total:		20.0	122.0	As-Built Total:		20.0		82.0			
CEILING TYPES				Area X BSPM = Points		Type	R-Value	Area X SPM X SCM = Points			
Under Attic	2469.0	1.73	4271.4	Under Attic		30.0	2569.0	1.73 X 1.00	4444.4		
Base Total:		2469.0	4271.4	As-Built Total:		2569.0		4444.4			

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

ADDRESS: Lot: 9, 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	270.0(p)	-37.0	-9990.0	Slab-On-Grade Edge Insulation	0.0	270.0(p)	-41.20	-11124.0					
Raised	0.0	0.00	0.0										
Base Total: -9990.0				As-Built Total:		270.0	-11124.0						
INFILTRATION Area X BSPM = Points				Area X SPM = Points									
	2469.0	10.21	25208.5			2469.0	10.21	25208.5					
Summer Base Points: 31408.3				Summer As-Built Points: 31692.3									
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)									
31408.3		0.4266	13398.8	31692.3		1.000	(1.090 x 1.147 x 1.00)	0.310		1.000		12293.8	
				31692.3		1.00	1.250	0.310		1.000		12293.8	

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 9, 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	2469.0	12.74	5661.9	Double, Clear	W	1.5	6.0	15.0	10.77	1.02	165.3
				Double, Clear	W	1.5	8.0	30.0	10.77	1.01	326.6
				Double, Clear	N	1.5	8.0	42.0	14.30	1.00	601.3
				Double, Clear	N	5.0	9.7	20.0	14.30	1.01	288.8
				Double, Clear	NW	10.5	8.0	42.0	14.03	1.03	606.1
				Double, Clear	W	15.0	9.7	20.0	10.77	1.21	259.9
				Double, Clear	W	15.0	8.0	63.0	10.77	1.22	827.2
				Double, Clear	W	1.5	4.0	6.0	10.77	1.05	68.0
				Double, Clear	W	1.5	5.0	32.0	10.77	1.03	356.4
				Double, Clear	N	1.5	5.0	16.0	14.30	1.00	229.7
				Double, Clear	N	1.5	6.0	30.0	14.30	1.00	430.1
				Double, Clear	E	1.5	6.0	30.0	9.09	1.04	282.4
				Double, Clear	E	9.5	9.7	40.0	9.09	1.28	465.8
				Double, Clear	NE	1.5	8.0	15.0	13.40	1.00	201.3
				Double, Clear	E	1.5	8.0	15.0	9.09	1.02	139.1
				Double, Clear	S	1.5	6.0	30.0	4.03	1.12	135.1
				Double, Clear	S	1.5	2.0	4.0	4.03	2.27	36.5
				As-Built Total:		450.0			5419.7		
WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	236.0	3.60	849.6	Frame, Wood, Exterior	13.0		1603.0	3.40	5450.2		
Exterior	1603.0	3.70	5931.1	Frame, Wood, Adjacent	13.0		236.0	3.30	778.8		
Base Total: 1839.0 6780.7				As-Built Total:		1839.0			6229.0		
DOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	0.0	0.00	0.0	Exterior Insulated			20.0	8.40	168.0		
Exterior	20.0	12.30	246.0								
Base Total: 20.0 246.0				As-Built Total:		20.0			168.0		
CEILING TYPES Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points				
Under Attic	2469.0	2.05	5061.4	Under Attic	30.0		2569.0	2.05 X 1.00	5266.4		
Base Total: 2469.0 5061.4				As-Built Total:		2569.0			5266.4		

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 9, Sub: Cobblestone, Plat: , Lake City, FL, 32025-

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	2469.0	12.74	5661.9	Double, Clear	W	1.5	6.0	15.0	10.77	1.02	165.3
				Double, Clear	W	1.5	8.0	30.0	10.77	1.01	326.6
				Double, Clear	N	1.5	8.0	42.0	14.30	1.00	601.3
				Double, Clear	N	5.0	9.7	20.0	14.30	1.01	288.8
				Double, Clear	NW	10.5	8.0	42.0	14.03	1.03	606.1
				Double, Clear	W	15.0	9.7	20.0	10.77	1.21	259.9
				Double, Clear	W	15.0	8.0	63.0	10.77	1.22	827.2
				Double, Clear	W	1.5	4.0	6.0	10.77	1.05	68.0
				Double, Clear	W	1.5	5.0	32.0	10.77	1.03	356.4
				Double, Clear	N	1.5	5.0	16.0	14.30	1.00	229.7
				Double, Clear	N	1.5	6.0	30.0	14.30	1.00	430.1
				Double, Clear	E	1.5	6.0	30.0	9.09	1.04	282.4
				Double, Clear	E	9.5	9.7	40.0	9.09	1.28	465.8
				Double, Clear	NE	1.5	8.0	15.0	13.40	1.00	201.3
				Double, Clear	E	1.5	8.0	15.0	9.09	1.02	139.1
				Double, Clear	S	1.5	6.0	30.0	4.03	1.12	135.1
				Double, Clear	S	1.5	2.0	4.0	4.03	2.27	36.5
				As-Built Total:				450.0	5419.7		
WALL TYPES				Type		R-Value		Area X WPM = Points			
Adjacent	236.0	3.60	849.6	Frame, Wood, Exterior		13.0		1603.0		3.40 5450.2	
Exterior	1603.0	3.70	5931.1	Frame, Wood, Adjacent		13.0		236.0		3.30 778.8	
Base Total:				As-Built Total:				1839.0		6229.0	
DOOR TYPES				Type				Area X WPM = Points			
Adjacent	0.0	0.00	0.0	Exterior Insulated				20.0		8.40 168.0	
Exterior	20.0	12.30	246.0								
Base Total:				As-Built Total:				20.0		168.0	
CEILING TYPES				Type		R-Value		Area X WPM X WCM = Points			
Under Attic	2469.0	2.05	5061.4	Under Attic		30.0		2569.0		2.05 X 1.00 5266.4	
Base Total:				As-Built Total:				2569.0		5266.4	

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 9, 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	270.0(p)	8.9	2403.0	Slab-On-Grade Edge Insulation	0.0	270.0(p)	18.80	5076.0
Raised	0.0	0.00	0.0					
Base Total:			2403.0	As-Built Total:			270.0	5076.0
INFILTRATION Area X BWPM = Points				Area X WPM = Points				
	2469.0	-0.59	-1456.7			2469.0	-0.59	-1456.7
Winter Base Points:			18696.4	Winter As-Built Points:			20702.4	
Total Winter Points	X System Multiplier	= Heating Points		Total Component	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier = Heating Points
18696.4	0.6274	11730.1		20702.4	1.000	(1.069 x 1.169 x 1.00)	0.501	1.000 12973.6
				20702.4	1.00	1.250	0.501	1.000 12973.6

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 9, Sub: Cobblestone, Plat: , Lake City, FL, 32025-

PERMIT #:

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

CODE COMPLIANCE STATUS							
BASE				AS-BUILT			
Cooling Points	+	Heating Points	= Total Points	Cooling Points	+	Heating Points	= Total Points
13399		11730	36113	12294		12974	36007

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 9, 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* = 82.9

The higher the score, the more efficient the home.

Spec House, Lot: 9, 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: 52.0 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)	2469 ft ²		
7. Glass area & type		13. Heating systems	
a. Clear - single pane	0.0 ft ²	a. Electric Heat Pump	Cap: 52.0 kBtu/hr
b. Clear - double pane	450.0 ft ²		HSPF: 6.80
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, 270.0(p) ft	a. Electric Resistance	Cap: 50.0 gallons
b. N/A			EF: 0.90
c. N/A		b. N/A	
9. Wall types		c. Conservation credits	
a. Frame, Wood, Exterior	R=13.0, 1603.0 ft ²	(HR-Heat recovery, Solar	
b. Frame, Wood, Adjacent	R=13.0, 236.0 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, 2569.0 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, 50.0 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.*

EnergyGauge Version: FLR1PB v3.22)

**Columbia County Building Department
Culvert Permit**

**Culvert Permit No.
000000815**

DATE 09/15/2005 PARCEL ID # 24-3S-16-02275-109
APPLICANT MELANIE RODER PHONE 752-2281
ADDRESS 387 SW KEMP COURT LAKE CITY FL 32024
OWNER ISAAC BRATKOVICH PHONE 719-7143
ADDRESS 459 NW BRIDGEWATER TERR LAKE CITY FL 32055
CONTRACTOR ISAAC CONSTRUCTION PHONE 719-7143
LOCATION OF PROPERTY LAKE JEFFREY, TR ON BRIDGEWATER, 9TH LOT ON RIGHT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT COBBLESTONE 9 1

SIGNATURE Melanie Roder

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 INSTALLATION 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





Project Summary Entire House A.C.E. HEAT AND AIR, INC

Job:
Date: May 17, 2005
By:

7196 SW US HWY 27, FORT WHITE, FL 32038 Phone: 386-497-2216 Fax: 386-497-1158 Email: aceheatandair@yahoo.com Web: www.aceheatandairinc.com

Project Information

For: RYAN HUDSON
LAKE CITY, FL

Notes:

Permit # 23608
Jurisdiction #: 221000

Design Information

Weather: Jacksonville, Mayport Naval, FL, US

Winter Design Conditions

Outside db 39 °F
Inside db 70 °F
Design TD 31 °F

Summer Design Conditions

Outside db 92 °F
Inside db 75 °F
Design TD 17 °F
Daily range L
Relative humidity 50 %
Moisture difference 58 gr/lb

Heating Summary

Structure 40981 Btuh
Ducts 0 cfm
Central vent (0 cfm) 0 Btuh
Humidification 0 Btuh
Piping 0 Btuh
Equipment load 40981 Btuh

Sensible Cooling Equipment Load Sizing

Structure 38264 Btuh
Ducts 0 Btuh
Central vent (0 cfm) 0 Btuh
Blower 0 Btuh
Use manufacturer's data n
Rate/swing multiplier 0.97
Equipment sensible load 37116 Btuh

Infiltration

Method Simplified
Construction quality Average
Fireplaces 1 (Average)

	Heating	Cooling
Area (ft²)	2160	2160
Volume (ft³)	21408	21408
Air changes/hour	0.90	0.40
Equiv. AVF (cfm)	321	143

Latent Cooling Equipment Load Sizing

Structure 6791 Btuh
Ducts 0 Btuh
Central vent (0 cfm) 0 Btuh
Equipment latent load 6791 Btuh
Equipment total load 43907 Btuh
Req. total capacity at 0.70 SHR 4.4 ton

Heating Equipment Summary

Make
Trade
Model
Efficiency 80 AFUE
Heating input 0 Btuh
Heating output 0 Btuh
Temperature rise 0 °F
Actual air flow 1831 cfm
Air flow factor 0.045 cfm/Btuh
Static pressure 0.00 in H2O
Space thermostat

Cooling Equipment Summary

Make
Trade
Cond
Coil
Efficiency 0 EER
Sensible cooling 0 Btuh
Latent cooling 0 Btuh
Total cooling 0 Btuh
Actual air flow 1831 cfm
Air flow factor 0.048 cfm/Btuh
Static pressure 0.00 in H2O
Load sensible heat ratio 0.85

Bold/italic values have been manually overridden

Printout certified by ACCA to meet all requirements of Manual J 7th Ed.



Right-J Worksheet Entire House A.C.E. HEAT AND AIR, INC

Job:
Date: May 17, 2005
By:

7196 SW US HWY 27, FORT WHITE, FL 32038 Phone: 386-497-2216 Fax: 386-497-1158 Email: aceheatandair@yahoo.com Web: www.aceheatandairinc.com

MANUAL J: 7th Ed.				Entire House				greatroom				living				office			
1	Name of room			264.0 ft				39.0 ft				14.0 ft				14.0 ft			
2	Length of exposed wall			17.0 x 22.0 ft				10.0 ft heat/cool				10.0 ft heat/cool				9.0 x 11.0 ft			
3	Room dimensions			9.9 ft				10.0 ft				10.0 ft				10.0 ft			
4	Ceilings			Condit. Option				Heat/Cool				Heat/Cool				Heat/Cool			
TYPE OF EXPOSURE		CST NO.	HTM Htg	HTM Clg	Area (ft²)	Load (Btuh) Htg	Load (Btuh) Clg	Area (ft²)	Load (Btuh) Htg	Load (Btuh) Clg	Area (ft²)	Load (Btuh) Htg	Load (Btuh) Clg	Area (ft²)	Load (Btuh) Htg	Load (Btuh) Clg			
5	Gross Exposed walls and partitions	a	12B0	6.7	5.3	2600	0	0	390	0	0	140	0	0	140	0	0		
		b		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0		
		c		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0		
		d		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0		
		e		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0		
		f		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0		
6	Windows and glass doors Heating	a	2CU	20.1	0.0	255	5138	0	40	806	0	15	907	0	15	302	0		
		b		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0		
		c		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0		
		d		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0		
		e		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0		
		f		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0		
7	Windows and glass doors Cooling	North NE/NW E/W SE/SW South Horiz			28.8 0.0 86.6 0.0 45.6 0.0	90 0 50 0 115 0	2574 0 4330 0 5244 0	25 0 15 0 0 0	715 0 1299 0 0 0	45 0 0 0 0 0	1287 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0			
8	Other doors	a	10C0	11.2	8.9	83	703	558	21	234	186	0	0	0	0	0	0		
		b		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0		
		c		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0		
9	Net exposed walls and partitions	a	12B0	6.7	5.3	2282	16351	12182	329	2213	1756	85	639	507	125	841	667		
		b		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0		
		c		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0		
		d		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0		
		e		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0		
		f		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0		
10	Ceilings	a	16G0	1.0	1.5	2160	2210	3208	374	383	555	196	201	291	99	101	147		
		b		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0		
		c		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0		
		d		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0		
		e		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0		
		f		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0		
11	Floors (Note: room perimeter is displ. for slab floors)	a	22A0	25.1	0.0	264	6629	0	39	979	0	14	352	0	14	352	0		
		b		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0		
		c		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0		
		d		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0		
		e		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0		
		f		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0		
12	Infiltration Ventilation	a		34.4	8.4	318	10950	2668	61	2101	512	45	1550	378	15	517	126		
13	Subtotal loss=6+8..+11+12						40981	6718	6718	6718	6718	3647	3647	2112	2112				
	Less external heating						0	0	0	0	0	0	0	0	0	0	0		
	Less transfer						0	0	0	0	0	0	0	0	0	0	0		
	Heating redistribution						0	0	0	0	0	0	0	0	0	0	0		
14	Duct loss						0%	0	0%	0	0	0%	0	0	0	0	0		
15	Total loss = 13+14						40981	6718	6718	6718	3647	3647	2112	2112					
16	Int. gains: People @			300	5	1500	5	1500	0	0	0	0	0	0	0	0	0		
	Appl. @			1200	5	6000	5	6000	0	0	0	0	0	0	0	0	0		
17	Subtot RSH gain=7+8..+12+16						38264	12524	12524	12524	2483	2483	1624	1624					
	Less external cooling						0	0	0	0	0	0	0	0	0	0	0		
	Less transfer						0	0	0	0	0	0	0	0	0	0	0		
	Cooling redistribution						0	0	0	0	0	0	0	0	0	0	0		
18	Duct gain						0%	0	0%	0	0	0%	0	0	0	0	0		
19	Total RSH gain=(17+18)*PLF						1.00	38264	1.00	12524	1.00	2483	1.00	1624					
20	Air required (cfm)						1831	1831	300	500	163	118	94	78					

Printout certified by ACCA to meet all requirements of Manual J 7th Ed.



wrightsoft Right-Suite Residential 5.9.56 RSR30355
C:\My Documents\Wrightsoft HVAC\Template\hudson.rsr Calc = MJ7 Orientation = N

2005-May-17 13:57:04
Page 1



Right-J Worksheet Entire House A.C.E.HEAT AND AIR, INC

Job:
Date: May 17, 2005
By:

7196 SW US HWY 27, FORT WHITE, FL 32038 Phone: 386-497-2216 Fax: 386-497-1158 Email: aceheatandair@yahoo.com Web: www.aceheatandairinc.com

MANUAL J: 7th Ed.															
1	Name of room			entry 7.0 ft 7.0 x 6.0 ft 10.0 ft heat/cool			dinning 18.0 ft 14.0 x 10.0 ft 10.0 ft heat/cool			bd2 15.0 ft 11.0 x 14.0 ft 10.0 ft heat/cool			bath2 9.0 ft 6.0 x 15.0 ft 10.0 ft heat/cool		
2	Length of exposed wall														
3	Room dimensions														
4	Ceilings			Condit. Option											
	TYPE OF EXPOSURE	CST NO.	HTM Htg Cig	Area (ft²)	Load (Btuh) Htg Cig		Area (ft²)	Load (Btuh) Htg Cig		Area (ft²)	Load (Btuh) Htg Cig		Area (ft²)	Load (Btuh) Htg Cig	
5	Gross Exposed walls and partitions	12B0	6.7 5.3 0.0 0.0 0.0 0.0 0.0 0.0	70 0 0 0 0 0 0 0	180 0 0 0 0 0 0 0	150 0 0 0 0 0 0 0	90 0 0 0 0 0 0 0								
6	Windows and glass doors Heating	2CU	24.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	20 0 0 0 0 0 0 0	15 0 0 0 0 0 0 0								
7	Windows and glass doors Cooling	North NE/NW E/W SE/SW South Horiz	28.6 0.0 88.6 0.0 45.6 0.0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0								
8	Other doors	10C0	11.2 8.9 0.0 0.0 0.0 0.0 0.0 0.0	21 0 0 0 0 0 0 0	234 0 0 0 0 0 0 0	186 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0								
9	Net exposed walls and partitions	12B0	6.7 5.3 0.0 0.0 0.0 0.0 0.0 0.0	49 0 0 0 0 0 0 0	330 0 0 0 0 0 0 0	262 0 0 0 0 0 0 0	150 0 0 0 0 0 0 0								
10	Ceilings	16G0	1.0 1.5 0.0 0.0 0.0 0.0 0.0 0.0	42 0 0 0 0 0 0 0	43 0 0 0 0 0 0 0	52 0 0 0 0 0 0 0	140 0 0 0 0 0 0 0								
11	Floors (Note: room perimeter is displ. for slab floors)	22A0	25.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0	7 0 0 0 0 0 0 0	176 0 0 0 0 0 0 0	18 0 0 0 0 0 0 0	452 0 0 0 0 0 0 0								
12	Infiltration Ventilation	a	34.4 8.4	21 723 176 30 1033 252 20 689 168 15 517 126											
13	Subtotal loss=6+8..+11+12 Less external heating Less transfer Heating redistribution Duct loss			1506 0 0 0 0 0 0 0	3242 0 0 0 0 0 0 0	2500 0 0 0 0 0 0 0	1641 0 0 0 0 0 0 0								
14	Total loss = 13+14			1506 0 0 0 0 0 0 0	3242 0 0 0 0 0 0 0	2500 0 0 0 0 0 0 0	1641 0 0 0 0 0 0 0								
16	Int. gains: People @ Appl. @	300 1200		0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0								
17	Subtot RSH gain=7+8..+12+16 Less external cooling Less transfer Cooling redistribution Duct gain			686 0 0 0 0 0 0 0	2628 0 0 0 0 0 0 0	2003 0 0 0 0 0 0 0	1344 0 0 0 0 0 0 0								
18	Total RSH gain=(17+18)*PLF			686 0 0 0 0 0 0 0	2628 0 0 0 0 0 0 0	2003 0 0 0 0 0 0 0	1344 0 0 0 0 0 0 0								
20	Air required (cfm)			67 33 145 128 112 96 73 64											



Right-J Worksheet Entire House

A.C.E. HEAT AND AIR, INC.

Job:
Date: May 17, 2005
By:

7196 SW US HWY 27, FORT WHITE, FL 32038 Phone: 386-497-2216 Fax: 386-497-1158 Email: aceheatandair@yahoo.com Web: www.aceheatandairinc.com

MANUAL J: 7th Ed.																	
1	Name of room			bed3			utility			master			mbath				
2	Length of exposed wall			31.0 ft			20.0 ft			64.0 ft			33.0 ft				
3	Room dimensions			11.0 x 13.0 ft			12.0 x 8.0 ft			22.0 x 28.0 ft			14.0 x 16.0 ft				
4	Ceilings			10.0 ft heat/cool			8.0 ft heat/cool			10.0 ft heat/cool			10.0 ft heat/cool				
TYPE OF EXPOSURE		CST NO.	HTM Htg Ctg	Area (ft²)	Load (Btuh) Htg Ctg		Area (ft²)	Load (Btuh) Htg Ctg		Area (ft²)	Load (Btuh) Htg Ctg		Area (ft²)	Load (Btuh) Htg Ctg			
5	Gross Exposed walls and partitions	a	12B0	6.7	5.3	310	0	0	160	0	0	640	0	0	330	0	0
		b		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		c		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		d		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		e		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		f		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
6	Windows and glass doors Heating	a	2C0	20.1	**	20	403	0	15	302	0	40	800	0	15	302	0
		b		0.0	**	0	0	0	0	0	0	0	0	0	0	0	0
		c		0.0	**	0	0	0	0	0	0	0	0	0	0	0	0
		d		0.0	**	0	0	0	0	0	0	0	0	0	0	0	0
		e		0.0	**	0	0	0	0	0	0	0	0	0	0	0	0
		f		0.0	**	0	0	0	0	0	0	0	0	0	0	0	0
7	Windows and glass doors Cooling	North		28.6	0	0	0	0	0	20	0	572	0	0	0	0	0
		NE/NW		0.0	0	0	0	0	0	0	0	0	0	0	0	0	0
		E/W		86.6	0	0	15	0	1299	20	0	1732	0	0	0	0	0
		SE/SW		0.0	0	0	0	0	0	0	0	0	0	0	0	0	0
		South		45.8	20	912	0	0	0	0	0	0	15	0	0	684	0
		Horz		0.0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Other doors	a	10C0	11.2	8.9	0	0	21	234	185	0	0	0	0	0	0	0
		b		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		c		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
9	Net exposed walls and partitions	a	12B0	6.7	5.3	290	1951	1548	124	834	662	600	4036	3203	315	2119	1682
		b		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		c		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		d		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		e		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		f		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
10	Ceilings	a	16G0	1.0	1.5	143	146	212	96	98	143	816	630	915	210	215	312
		b		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		c		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		d		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		e		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		f		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
11	Floors (Note: room perimeter is displ. for slab floors)	a	22A0	25.1	0.0	31	778	0	20	502	0	64	1607	0	33	829	0
		b		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		c		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		d		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		e		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		f		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
12	Infiltration Ventilation	a		34.4	8.4	20	689	168	36	1240	302	40	1377	336	15	517	126
13	Subtotal loss=6+8..+11+12						3967	0		3211	0		8457	0		3981	0
	Less external heating						0	0		0	0		0	0		0	0
	Less transfer						0	0		0	0		0	0		0	0
	Heating redistribution						0	0		0	0		0	0		0	0
14	Duct loss					0%	0	0		0	0		0	0	0%	0	0
15	Total loss = 13+14						3967	0		3211	0		8457	0		3981	0
16	Int. gains: People @	300		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Appl. @	1200		0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Subtot RSH gain=7+8..+12+16						2840	0		2592	0		6757	0		2803	0
	Less external cooling						0	0		0	0		0	0		0	0
	Less transfer						0	0		0	0		0	0		0	0
	Cooling redistribution						0	0		0	0		0	0		0	0
18	Duct gain					0%	0	0		0	0		0	0	0%	0	0
19	Total RSH gain=(17+18)*PLF					1.00	2840	1.00		2592	1.00		6757	1.00		2803	1.00
20	Air required (cfm)						177	136		143	124		378	329		179	134

Printout certified by ACCA to meet all requirements of Manual J 7th Ed.

1 385 752 8905 P.01/01

Col. May 2. 50

23608
THIS INSTRUMENT WAS PREPARED BY:

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

RETURN TO:

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

File No. 04-788

PERMIT NO. _____

Inst:2005020367 Date:08/22/2005 Time:12:58
DC, P. Dewitt Cason, Columbia County B:1855 P:2324

TAX FOLIO NO.: R02275-109

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 9, 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 Avenue, Lake City, Florida 32024.
 - b. Interest in property: Fee Simple
 - c. Name and address of fee simple title holder (if other than Owner):
4. Contractor: ISAAC CONSTRUCTION, INC., 1005 SW Walter Avenue, Lake City, Florida 32024.
5. Surety
 - a. Name and address: None
6. Lender: MERCANTILE BANK, 187 Southwest Baya Drive, Lake City, Florida 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 CLARENCE B. CANNON, III, Senior Vice President of MERCANTILE BANK, 187 Southwest Baya Drive, Lake City, Florida 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).

ISAAC CONSTRUCTION, INC.

By: *Isaac Bratkovich*
Isaac Bratkovich
President

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 19th day of August 2005, by ISAAC BRATKOVICH, President of ISAAC CONSTRUCTION, INC., a Florida corporation, on behalf of said corporation. He is personally known to me and did not take an oath.

Myrtle Ann McElroy
Notary Public
My commission expires: _____



New Construction Subterranean Termite Soil Treatment Record

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

This form is completed by the licensed Pest Control Company.

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

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

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

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

Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.
Company Address: 301 NW Cole Terrace City Lake City State FL Zip 32055
Company Business License No. JB109476 Company Phone No. 386-755-9511
FHA/VA Case No. (if any) _____

Section 2: Builder Information

Company Name: Isaac Const Company Phone No. _____

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) 459 N.W. Bridge Water
Tallahassee

Type of Construction (More than one box may be checked) ☒ Slab ☐ Basement ☐ Crawl ☐ Other _____
Approximate Depth of Footing: Outside 12 Inside 36 Type of Fill Asst

Section 4: Treatment Information

Date(s) of Treatment(s) 10-4-05
Brand Name of Product(s) Used Termidor
EPA Registration No. 70901-7-53843
Approximate Final Mix Solution % 0.5%
Approximate Size of Treatment Area: Sq. ft. 3341 Linear ft. 241 Linear ft. of Masonry Voids 741
Approximate Total Gallons of Solution Applied 1304
Was treatment completed on exterior? ☐ Yes ☒ No
Service Agreement Available? ☒ Yes ☐ No

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

Attachments (List) _____

Comments _____

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

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

Authorized Signature Steve Brannon Date 10-4-05

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

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

COLUMBIA COUNTY OFFICE OF CIVIL ENGINEERING

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-16-02275-109

Building permit No. 000023608

Use Classification SFD, UTILITY

Fire: 41.44

Permit Holder ISAAC CONSTRUCTION

Waste: 85.75

Owner of Building ISAAC CONSTRUCTION

Total: 127.19

Location: 459 NW BRIDGEWATER TERR. (COBBLESTONE, LOT 9)

Date: 03/07/2006

Building Inspector



POST IN A CONSPICUOUS PLACE
(Business Places Only)