

08/16/2005

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000023502

APPLICANT LINDA RODER PHONE 752-2281
ADDRESS 387 SW KEMP COURT LAKE CITY FL 32024
OWNER CHRIS & MELODIE GAREL PHONE 561-358-9441
ADDRESS 163 NW AMBER COURT LAKE CITY FL 32055
CONTRACTOR ISAAC CONSTRUCTION PHONE 719-7143
LOCATION OF PROPERTY 90W, TR ON LAKE JEFFREY RD, TR ON BRIDGEWATER, TL ON
AMBLESIDE CT, TR ON AMBER CT, 2ND LOT ON RIGHT
TYPE DEVELOPMENT SFD, UTILITY ESTIMATED COST OF CONSTRUCTION 149450.00
HEATED FLOOR AREA 2989.00 TOTAL AREA 5875.00 HEIGHT .00 STORIES 1
FOUNDATION CONC WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB
LAND USE & ZONING RSF-2 MAX. HEIGHT 24
Minimum Set Back Requirements: 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-16-02275-132 SUBDIVISION COBBLESTONE
LOT 32 BLOCK _____ PHASE _____ UNIT 2 TOTAL ACRES _____

000000775 _____ CBC059323 Linda Roder
Culvert Permit No. _____ Culvert Waiver _____ Contractor's License Number _____ Applicant/Owner/Contractor
CULVERT 05-0742-N BK _____ Y _____
Driveway Connection _____ Septic Tank Number _____ LU & Zoning checked by _____ Approved for Issuance _____ New Resident

COMMENTS: ONE FOOT ABOVE THE ROAD, NOC ON FILE

CONFIRM DURING INSPECTION THAT GUEST QUARTERS DOES NOT HAVE

OUTLET FOR STOVE.

Check # or Cash 954

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 \$ 750.00 CERTIFICATION FEE \$ 29.38 SURCHARGE FEE \$ 29.38
MISC. FEES \$.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ _____ WASTE FEE \$ _____
FLOOD ZONE DEVELOPMENT FEE \$ _____ CULVERT FEE \$ 25.00 TOTAL FEE 883.76

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.

Cobblestone w/ 10
Gavel

Columbia County Building Permit Application

365-4355

883.76

Revised 9-23-04

For Office Use Only Application # 0567-88 Date Received 7/25/05 By LH Permit # 115/235 02
Application Approved by - Zoning Official BLK Date 12-08-05 Plans Examiner OK JH Date 8-9-05
Flood Zone X Development Permit NIA Zoning RSF-2 Land Use Plan Map Category RES. Low Den
Comments 2 Kitchens Confirm during Inspections that Guest Quarters does not have outlet for stove

Applicants Name Linda ormelanie Roder Phone 752-2281
Address 387 SW - Kemp Ct. Lake City FL 32024
Owners Name Chris and Melodie Gavel Phone 561-358-9441
911 Address 163 NW Amber Ct. Lake City FL 32055
Contractors Name Isaac Bratkovich Phone 719-7143
Address 1005 S.W. Walter Ave Lake City FL 32024
Fee Simple Owner Name & Address NA
Bonding Co. Name & Address NA
Architect/Engineer Name & Address Will Myers - Nick Geisler
Mortgage Lenders Name & Address GMAC mortgage
Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
Property ID Number 24-35-16-02275-000 132 Estimated Cost of Construction 258,000
Subdivision Name Cobblestone Lot 32 Block Unit 2 Phase 1
Driving Directions Hwy 90 West, Turn R on Lake Jeffrey Road, TR onto Cobblestone on Bridgewater, Turn L on Ambleside Court, Turn R on Amber Court, Lot on Right
Type of Construction SFD Number of Existing Dwellings on Property 0
Total Acreage 2.04 Lot Size Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive
Actual Distance of Structure from Property Lines - Front 50' Side 29'-9" Side 19'-1" Rear 292'-2"
Total Building Height 24'-4" Number of Stories 1 Heated Floor Area 2989 Roof Pitch 6-12
Porch 917 GAR AGE 1,176 HEATED AREA 3782 TOTAL 5875

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) Barbara C. Webster

STATE OF FLORIDA
COUNTY OF COLUMBIA



Commission # DD329279
Expires July 2, 2008
Bonded Troy Fain - Insurance, Inc. 800-385-7019

Sworn to (or affirmed) and subscribed before me

this 9th day of June 2005

Personally known X or Produced Identification _____

Barbara C. Webster
Contractor Signature

Contractors License Number CBCD59323

Competency Card Number _____

NOTARY STAMP/SEAL

Barbara C. Webster
Notary Signature

Notary Signature

Permit No. _____ Tax Folio No. _____

NOTICE OF COMMENCEMENTSTATE OF Florida
COUNTY OF

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 32, COBBLESTONE, Unit 2, a subdivision according to the plat thereof as recorded in Plat Book 8, pages 21-24 of the public records of Columbia County, Florida.
2. General description of improvement:

3. Owner information: **Christopher M. Garel and Melodie E. Garel**

- a. Name and address: 1127 Aviary Road
Wellington, Florida 33414
- b. Interest in property:
- c. Name and address of fee simple titleholder (if other than Owner):

4. Contractor: Issac Construction, Inc.
144 SW Waterford Court, Suite 101, Lake City, Florida 32025

5. Surety: a. Name and address: _____
b. Amount of bond \$ _____

6. Lender:

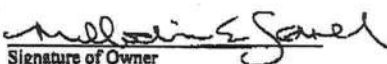
Attn: Jane Vernon
Construction Lending Department
GMAC Mortgage Corporation
4 Walnut Grove Drive
Horsham, PA 19044

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:

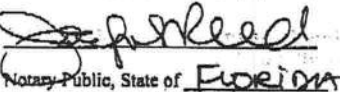
8. In addition to himself, Owner designates Jane Vernon of GMAC Mortgage Corporation
4 Walnut Grove Dr, 3rd Floor, Horsham to receive a copy of the Lienor's Notice as provided in Section
713.13(1)(b), Florida Statutes. PA 19044

9. Expiration date of Notice of Commencement (the expiration date is 1 year from the date of recording unless a different date is specified) May 27, 2006

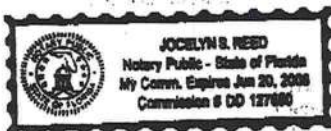

Signature of Owner


Signature of Owner

Sworn to and subscribed before me this 28 day of May, 2005.


Notary Public, State of Florida

My Commission Expires: 6/30/06



Inst: 2005013825 Date: 06/13/2005 Time: 14:41
MK DC, P. DeWitt Cason, Columbia County B: 1048 P: 2207

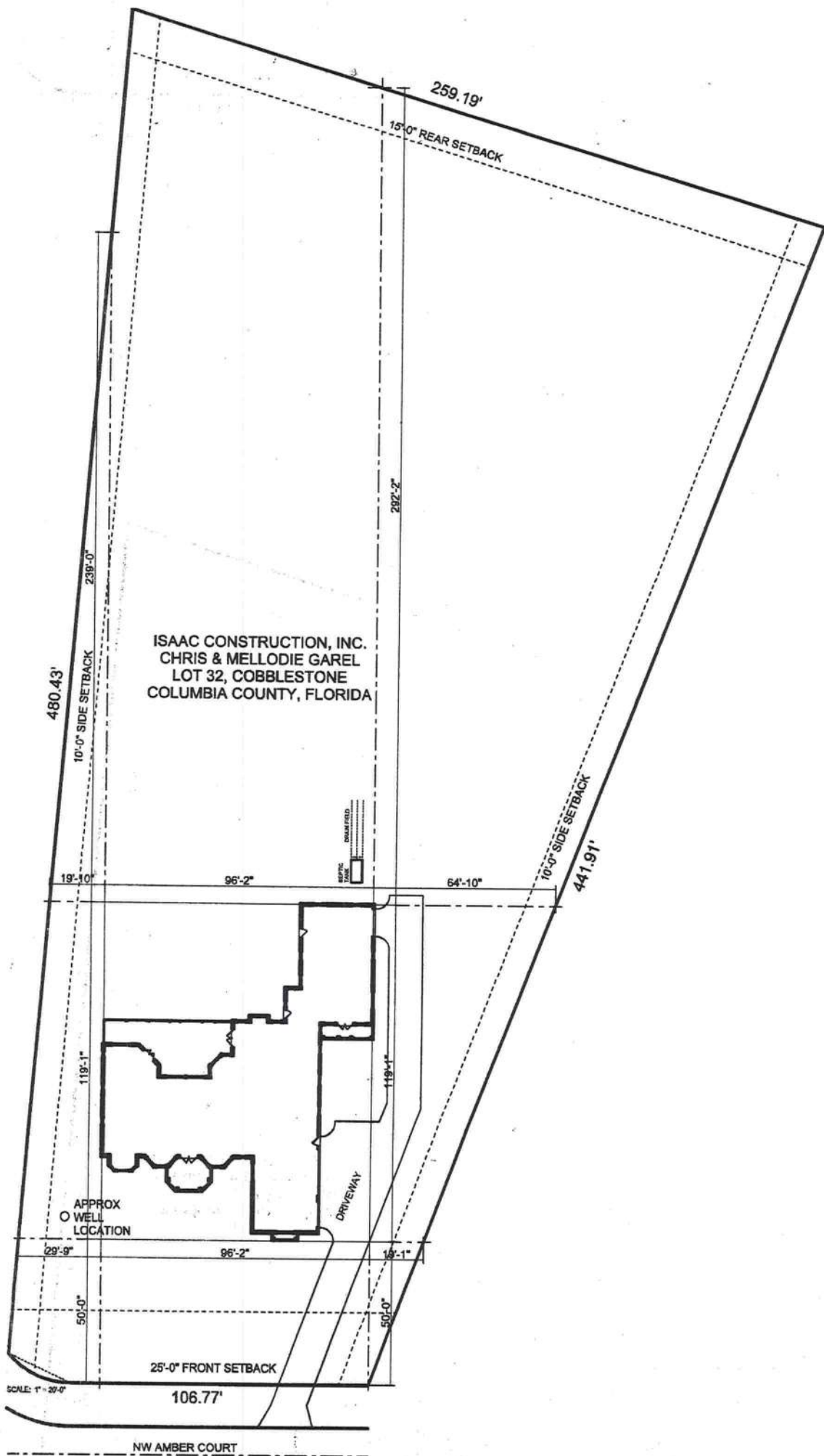
STATE OF FLORIDA, COUNTY OF COLUMBIA
I HEREBY CERTIFY, that the above and foregoing
is a true copy of the original filed in this office.
P. DeWITT CASON, CLERK OF COURTS

By Manuel Rios
Deputy Clerk

Date 6-13-05



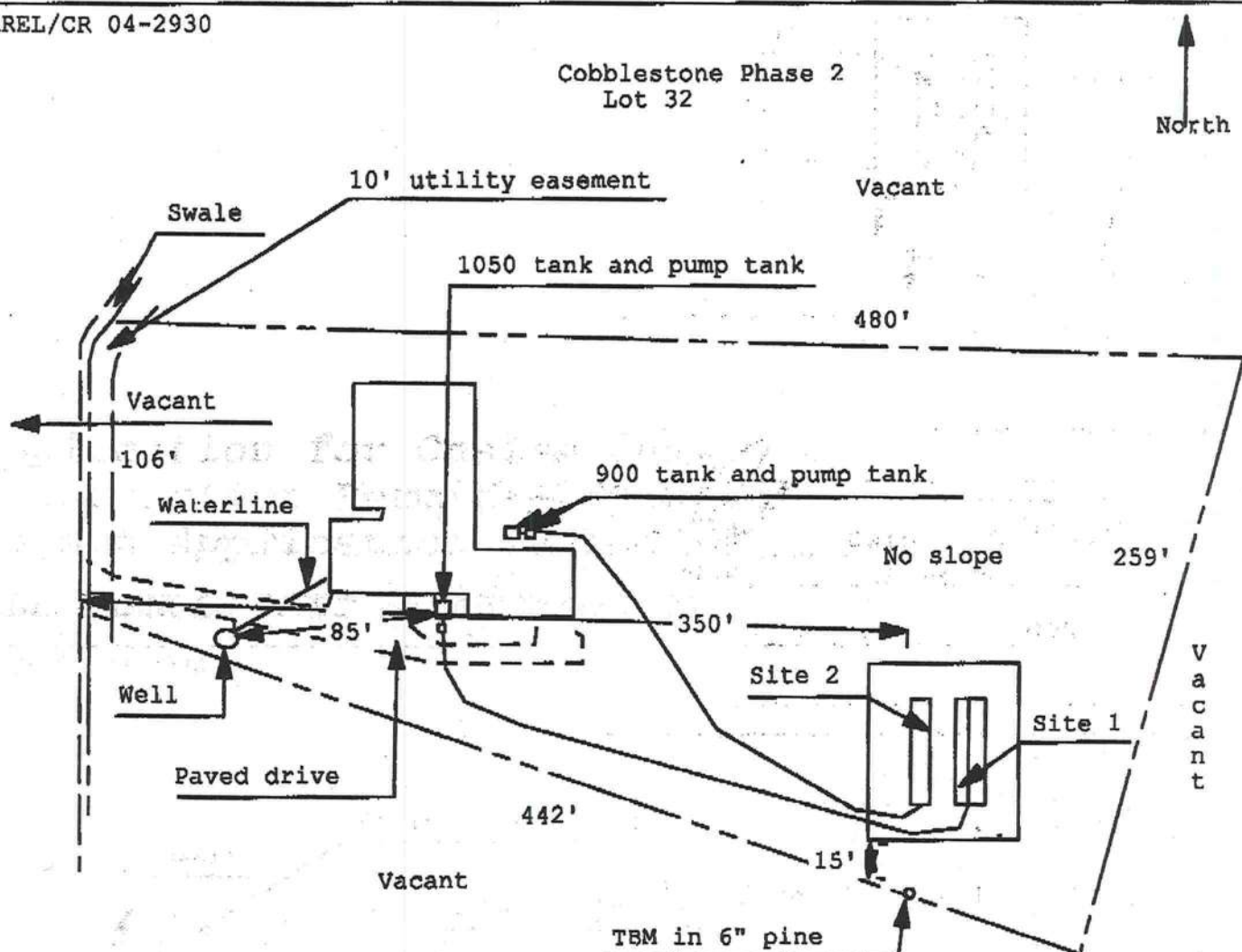
TOTAL P.01



Permit Application Number: 05-0742N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

GAREL/CR 04-2930



1 inch = 70 feet

Site Plan Submitted By Paul Lopez Date 7/8/05
Plan Approved ☒ Not Approved ☐ Date 7-12-05

By John S. H. Columbia CPHU

Notes:

HALL'S PUMP & WELL SERVICE, INC.

SPECIALIZING IN 4"-8" WELLS

DONALD AND MARY HALL
OWNERSPHONE (904) 752-1884
FAX (904) 755-7022
~~2000 N. W. 1st St.~~
LAKE CITY, FLORIDA 32055
904 NW Main Blvd.

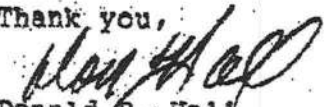
June 12, 2002

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
DDE/jk

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

Inst:2005013823 Date:06/13/2005 Time:14:41
Doc Stamp-Deed : 349.30
ML DC, P. DeWitt Cason, Columbia County B:1048 P:2185

Property Appraiser's
Identification Number

WARRANTY DEED

This Warranty Deed, made this 24th day of May, 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 CHRISTOPHER M. GAREL and MELLODIE E. GAREL, Husband and Wife whose post office address is 1127 Aviary Road, Wellington, FL 33414, of the 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:

Lot 32, COBBLESTONE, UNIT 2, a subdivision according to the plat thereof as recorded in Plat Book 8, Pages 21-24 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.

Signed, sealed and delivered
in our presence:

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

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

COBBLESTONE OF COLUMBIA
COUNTY, L.L.C.

[Signature] (SEAL)
By: DANIEL CRAPPS,
Managing Member of
Cobblestone of Columbia
County, L.L.C.

By: FRONTIER CAPITAL, LLC
A Florida Limited
Liability Company, as
Managing Member of
Cobblestone of Columbia
County, LLC

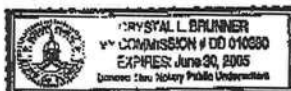
Charles S. Sparks
By: Charles S. Sparks,
Managing Member of
Frontier Capital, LLC

STATE OF Florida
COUNTY OF Columbia

The foregoing instrument was acknowledged before me this 26th day of May, 2005, by DANIEL CRAPPS, as Managing Member of COBBLESTONE OF COLUMBIA COUNTY, L.L.C., a Florida Limited Liability Company who is personally known to me and who did not take an oath.

My Commission Expires:

[Signature]
Notary Public
Printed, typed, or stamped name:

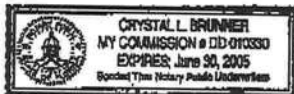


STATE OF Florida
COUNTY OF Columbia

The foregoing instrument was acknowledged before me this 24th day of May, 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.

My Commission Expires:

[Signature]
Notary Public
Printed, typed, or stamped name:



Inst:2005013823 Date:06/13/2005 Time:14:41
Doc Stamp-Deed : 349.30
DC,P. DeWitt Cason, Columbia County B:1048 P:2185

FLORIDA ENERGY EFFICIENCY CODE
FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name:	Isaac Construction, Inc. - Garel / Guest House	Builder:	Isaac Construction, Inc.
Address:	Lot: 32, Sub: Cobblestone, Plat:	Permitting Office:	
City, State:	Lake City, FL 32025-	Permit Number:	23502
Owner:	Guest 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: 18.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 11.00
4. Number of Bedrooms	2	b. N/A	
5. Is this a worst case?	No	c. N/A	
6. Conditioned floor area (ft²)	793 ft²	13. Heating systems	
7. Glass area & type		a. Electric Heat Pump	Cap: 18.0 kBtu/hr
a. Clear - single pane	0.0 ft²		HSPF: 6.80
b. Clear - double pane	152.0 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: 40.0 gallons
a. Slab-On-Grade Edge Insulation	R=0.0, 96.0(p) ft		EF: 0.90
b. N/A		b. N/A	
c. N/A		c. Conservation credits	
9. Wall types		(HR-Heat recovery, Solar	
a. Frame, Wood, Exterior	R=19.0, 548.0 ft²	DHP-Dedicated heat pump)	
b. Frame, Wood, Exterior	R=13.0, 260.0 ft²	15. HVAC credits	
c. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
d. N/A		HF-Whole house fan,	
e. N/A		PT-Programmable Thermostat,	
10. Ceiling types		MZ-C-Multizone cooling,	
a. Under Attic	R=30.0, 793.0 ft²	MZ-H-Multizone heating)	
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 35.0 ft		
b. N/A			

Glass/Floor Area: 0.19

Total as-built points: 12805
Total base points: 14101

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: 06/03/05

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: 32, 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	793.0	20.04	2860.5	Double, Clear	S	1.5	4.0	4.0	34.50	0.74	102.2
				Double, Clear	S	1.5	8.0	18.0	34.50	0.92	573.3
				Double, Clear	N	1.5	8.0	54.0	19.22	0.97	1003.8
				Double, Clear	E	6.5	8.0	36.0	40.22	0.57	823.3
				Double, Clear	E	6.5	9.7	40.0	40.22	0.63	1009.9
As-Built Total:				152.03512.6							
WALL TYPES Area X BSPM = Points				Type	R-Value			Area X SPM = Points			
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior			19.0	548.0	0.90		493.2
Exterior	808.0	1.70	1373.6	Frame, Wood, Exterior			13.0	260.0	1.50		390.0
Base Total:				808.0883.2							
DOOR TYPES Area X BSPM = Points				Type	Area X SPM = Points						
Adjacent	0.0	0.00	0.0								
Exterior	0.0	0.00	0.0								
Base Total:				0.00.0							
CEILING TYPES Area X BSPM = Points				Type	R-Value			Area X SPM X SCM = Points			
Under Attic	793.0	1.73	1371.9	Under Attic			30.0	793.0	1.73 X 1.00		1371.9
Base Total:				793.01371.9							
FLOOR TYPES Area X BSPM = Points				Type	R-Value			Area X SPM = Points			
Slab	96.0(p)	-37.0	-3552.0	Slab-On-Grade Edge Insulation			0.0	96.0(p)	-41.20		-3955.2
Raised	0.0	0.00	0.0								
Base Total:				96.0-3955.2							
INFILTRATION Area X BSPM = Points				Area X SPM = Points							
	793.0	10.21	8096.5					793.0	10.21		8096.5

SUMMER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 32, Sub: Cobblestone, Plat: , Lake City, FL, 32025-	PERMIT #:
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BASE				AS-BUILT						
Summer Base Points: 10150.5				Summer As-Built Points: 9909.0						
Total Summer Points	X	System Multiplier	= Cooling Points	Total Component	X	Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points
10150.5		0.4266	4330.2	9909.0		1.000	(1.090 x 1.147 x 0.91)	0.310	1.000	3497.9
				9909.0		1.00	1.138	0.310	1.000	3497.9

WINTER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 32, 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	793.0	12.74	1818.5	Double, Clear	S	1.5	4.0	4.0	4.03	1.34	21.6
				Double, Clear	S	1.5	8.0	18.0	4.03	1.04	75.5
				Double, Clear	N	1.5	8.0	54.0	14.30	1.00	773.0
				Double, Clear	E	6.5	8.0	36.0	9.09	1.23	403.4
				Double, Clear	E	6.5	9.7	40.0	9.09	1.18	430.5
				As-Built Total: 152.0 1704.1							
WALL TYPES Area X BWPM = Points				Type R-Value Area X WPM = Points							
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior			19.0	548.0	2.20		1205.6
Exterior	808.0	3.70	2989.6	Frame, Wood, Exterior			13.0	260.0	3.40		884.0
Base Total: 808.0 2989.6				As-Built Total: 808.0 2089.6							
DOOR TYPES Area X BWPM = Points				Type Area X WPM = Points							
Adjacent	0.0	0.00	0.0								
Exterior	0.0	0.00	0.0								
Base Total: 0.0 0.0				As-Built Total: 0.0 0.0							
CEILING TYPES Area X BWPM = Points				Type R-Value Area X WPM X WCM = Points							
Under Attic	793.0	2.05	1625.6	Under Attic			30.0	793.0	2.05 X 1.00		1625.6
Base Total: 793.0 1625.6				As-Built Total: 793.0 1625.6							
FLOOR TYPES Area X BWPM = Points				Type R-Value Area X WPM = Points							
Slab	96.0(p)	8.9	854.4	Slab-On-Grade Edge Insulation			0.0	96.0(p)	18.80		1804.8
Raised	0.0	0.00	0.0								
Base Total: 854.4				As-Built Total: 96.0 1804.8							
INFILTRATION Area X BWPM = Points				Area X WPM = Points							
	793.0	-0.59	-467.9					793.0	-0.59		-467.9

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 32, Sub: Cobblestone, Plat: , Lake City, FL, 32025-

PERMIT #:

BASE				AS-BUILT							
Winter Base Points:		6820.3		Winter As-Built Points:						6756.3	
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
6820.3		0.6274	4279.0	6756.3 6756.3		1.000 1.00	(1.069 x 1.169 x 0.93) 1.162	0.501 0.501	1.000 1.000		3937.6 3937.6

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

ADDRESS: Lot: 32, 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 Multiplier = Total
2		2746.00	5492.0	40.0	0.90	2	1.00	2684.98	1.00 5370.0
				As-Built Total:					5370.0

CODE COMPLIANCE STATUS							
BASE				AS-BUILT			
Cooling Points	+	Heating Points	+ Hot Water Points = Total Points	Cooling Points	+	Heating Points	+ Hot Water Points = Total Points
4330		4279	5492 14101	3498		3938	5370 12805

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 32, 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* = 84.5

The higher the score, the more efficient the home.

Guest House, Lot: 32, 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: 18.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 11.00
4. Number of Bedrooms	2	b. N/A	
5. Is this a worst case?	No	c. N/A	
6. Conditioned floor area (ft ²)	793 ft ²	13. Heating systems	
7. Glass area & type		a. Electric Heat Pump	Cap: 18.0 kBtu/hr
a. Clear - single pane	0.0 ft ²		HSPF: 6.80
b. Clear - double pane	152.0 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: 40.0 gallons
a. Slab-On-Grade Edge Insulation	R=0.0, 96.0(p) ft		EF: 0.90
b. N/A		b. N/A	
c. N/A		c. Conservation credits	
9. Wall types		(HR-Heat recovery, Solar	
a. Frame, Wood, Exterior	R=19.0, 548.0 ft ²	DHP-Dedicated heat pump)	
b. Frame, Wood, Exterior	R=13.0, 260.0 ft ²	15. HVAC credits	
c. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
d. N/A		HF-Whole house fan,	
e. N/A		PT-Programmable Thermostat,	
10. Ceiling types		MZ-C-Multizone cooling,	
a. Under Attic	R=30.0, 793.0 ft ²	MZ-H-Multizone heating)	
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 35.0 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 Energy Gauge (Version: FLR1PB v3.22)*

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name:	Isaac Construction, Inc. - Garel	Builder:	Isaac Construction, Inc.
Address:	Lot: 32, Sub: Cobblestone, Plat:	Permitting Office:	
City, State:	Lake City, FL 32025-	Permit Number:	
Owner:	Chris & Mellodie Garel	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: 32.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 11.00
4. Number of Bedrooms	3	b. Central Unit	Cap: 32.0 kBtu/hr
5. Is this a worst case?	No		SEER: 11.00
6. Conditioned floor area (ft ²)	2989 ft ²	c. N/A	
7. Glass area & type			
a. Clear - single pane	0.0 ft ²	13. Heating systems	
b. Clear - double pane	504.8 ft ²	a. Electric Heat Pump	Cap: 32.0 kBtu/hr
c. Tint/other SHGC - single pane	0.0 ft ²		HSPF: 6.80
d. Tint/other SHGC - double pane	0.0 ft ²	b. Electric Heat Pump	Cap: 32.0 kBtu/hr
8. Floor types			HSPF: 6.80
a. Slab-On-Grade Edge Insulation	R=0.0, 292.0(p) ft	c. N/A	
b. N/A			
c. N/A			
9. Wall types		14. Hot water systems	
a. Frame, Wood, Exterior	R=19.0, 2270.0 ft ²	a. Electric Resistance	Cap: 80.0 gallons
b. Frame, Wood, Adjacent	R=13.0, 320.0 ft ²		EF: 0.90
c. N/A		b. N/A	
d. N/A			
e. N/A		c. Conservation credits	
10. Ceiling types		(HR-Heat recovery, Solar	
a. Under Attic	R=30.0, 3189.0 ft ²	DHP-Dedicated heat pump)	
b. N/A		15. HVAC credits	
c. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
11. Ducts		HF-Whole house fan,	
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 30.0 ft	PT-Programmable Thermostat,	
b. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 30.0 ft	MZ-C-Multizone cooling,	
		MZ-H-Multizone heating)	

Glass/Floor Area: 0.17

Total as-built points: 35523
Total base points: 40021**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: 06/03/05

I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.

OWNER/AGENT: *Chris & Mellodie Garel*

DATE: 6-7-05

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: 32, 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	2989.0	20.04	10781.9	Double, Clear	W	10.5	10.3	36.0	36.99	0.53	701.1
				Double, Clear	NW	15.5	11.7	33.0	25.46	0.59	497.5
				Double, Clear	W	21.5	10.3	72.0	36.99	0.41	1079.8
				Double, Clear	S	25.5	10.3	18.0	34.50	0.44	272.6
				Double, Clear	SW	23.5	10.3	24.0	38.46	0.38	355.0
				Double, Clear	W	13.5	10.3	18.0	36.99	0.47	313.8
				Double, Clear	S	10.5	11.7	40.0	34.50	0.53	738.1
				Double, Clear	W	1.5	10.3	36.0	36.99	0.98	1306.8
				Double, Clear	S	1.5	9.7	17.8	34.50	0.96	586.5
				Double, Clear	S	1.5	6.0	6.0	34.50	0.86	177.2
				Double, Clear	N	5.5	6.0	4.0	19.22	0.72	55.7
				Double, Clear	N	1.5	8.0	36.0	19.22	0.97	669.2
				Double, Clear	N	1.5	4.0	4.0	19.22	0.88	67.8
				Double, Clear	N	1.5	4.0	4.0	19.22	0.88	67.8
				Double, Clear	NE	1.5	10.3	18.0	28.72	0.98	508.5
				Double, Clear	E	1.5	10.3	36.0	40.22	0.98	1420.2
				Double, Clear	SE	10.5	10.3	18.0	40.86	0.49	361.7
				Double, Clear	E	12.5	11.7	40.0	40.22	0.50	804.4
				Double, Clear	NE	10.5	10.3	18.0	28.72	0.58	300.9
				Double, Clear	SE	1.5	10.3	18.0	40.86	0.98	720.1
				Double, Clear	NE	1.5	4.0	2.0	28.72	0.84	48.0
				Double, Clear	E	1.5	4.0	4.0	40.22	0.82	131.2
				Double, Clear	SE	1.5	4.0	2.0	40.86	0.76	62.5
				As-Built Total:							
WALL TYPES Area X BSPM = Points				Type	R-Value			Area X SPM	= Points		
Adjacent	320.0	0.70	224.0	Frame, Wood, Exterior	19.0			2270.0	0.90	2043.0	
Exterior	2270.0	1.70	3859.0	Frame, Wood, Adjacent	13.0			320.0	0.60	192.0	
Base Total: 2590.0 4083.0				As-Built Total:			2590.0		2235.0		
DOOR TYPES Area X BSPM = Points				Type				Area X SPM	= Points		
Adjacent	20.0	2.40	48.0	Adjacent Insulated				20.0	1.60	32.0	
Exterior	0.0	0.00	0.0								
Base Total: 20.0 48.0				As-Built Total:			20.0		32.0		

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 32, Sub: Cobblestone, Plat: , Lake City, FL, 32025-

PERMIT #:

BASE				AS-BUILT				
CEILING TYPES Area X BSPM = Points				Type	R-Value	Area X SPM X SCM = Points		
Under Attic	2989.0	1.73	5171.0	Under Attic	30.0	3189.0	1.73 X 1.00	5517.0
Base Total:		2989.0	5171.0	As-Built Total:		3189.0	5517.0	
FLOOR TYPES Area X BSPM = Points				Type	R-Value	Area X SPM = Points		
Slab	292.0(p)	-37.0	-10804.0	Slab-On-Grade Edge Insulation	0.0	292.0(p)	-41.20	-12030.4
Raised	0.0	0.00	0.0					
Base Total:			-10804.0	As-Built Total:		292.0	-12030.4	
INFILTRATION Area X BSPM = Points				Area X SPM = Points				
	2989.0	10.21	30517.7			2989.0	10.21	30517.7
Summer Base Points:		39797.6		Summer As-Built Points:		37517.7		
Total Summer Points	X System Multiplier	=	Cooling Points	Total Component	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier = Cooling Points
				37517.7	0.500	(1.090 x 1.147 x 1.00)	0.310	1.000 6949.3
				37517.7	0.500	(1.090 x 1.147 x 0.91)	0.310	1.000 6949.3
39797.6	0.4266		16977.6	37517.7	1.00	1.194	0.310	1.000 13898.7

WINTER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 32, 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	2989.0	12.74	6854.4	Double, Clear	W	10.5	10.3	36.0	10.77	1.17	452.9
				Double, Clear	NW	15.5	11.7	33.0	14.03	1.03	476.3
				Double, Clear	W	21.5	10.3	72.0	10.77	1.22	948.7
				Double, Clear	S	25.5	10.3	18.0	4.03	3.60	261.4
				Double, Clear	SW	23.5	10.3	24.0	7.17	1.97	338.1
				Double, Clear	W	13.5	10.3	18.0	10.77	1.19	231.3
				Double, Clear	S	10.5	11.7	40.0	4.03	2.57	414.1
				Double, Clear	W	1.5	10.3	36.0	10.77	1.01	389.5
				Double, Clear	S	1.5	9.7	17.8	4.03	1.02	72.9
				Double, Clear	S	1.5	6.0	6.0	4.03	1.12	27.0
				Double, Clear	N	5.5	6.0	4.0	14.30	1.02	58.2
				Double, Clear	N	1.5	8.0	36.0	14.30	1.00	515.4
				Double, Clear	N	1.5	4.0	4.0	14.30	1.01	57.5
				Double, Clear	N	1.5	4.0	4.0	14.30	1.01	57.5
				Double, Clear	NE	1.5	10.3	18.0	13.40	1.00	241.1
				Double, Clear	E	1.5	10.3	36.0	9.09	1.01	331.2
				Double, Clear	SE	10.5	10.3	18.0	5.33	1.95	187.3
				Double, Clear	E	12.5	11.7	40.0	9.09	1.31	474.6
				Double, Clear	NE	10.5	10.3	18.0	13.40	1.04	251.9
				Double, Clear	SE	1.5	10.3	18.0	5.33	1.03	98.5
				Double, Clear	NE	1.5	4.0	2.0	13.40	1.02	27.2
				Double, Clear	E	1.5	4.0	4.0	9.09	1.07	39.1
				Double, Clear	SE	1.5	4.0	2.0	5.33	1.22	13.0
As-Built Total:				504.8 5964.9							
WALL TYPES Area X BWPM = Points				Type R-Value Area X WPM = Points							
Adjacent	320.0	3.60	1152.0	Frame, Wood, Exterior		19.0	2270.0	2.20		4994.0	
Exterior	2270.0	3.70	8399.0	Frame, Wood, Adjacent		13.0	320.0	3.30		1056.0	
Base Total: 2590.0 9551.0				As-Built Total: 2590.0 6050.0							
DOOR TYPES Area X BWPM = Points				Type Area X WPM = Points							
Adjacent	20.0	11.50	230.0	Adjacent Insulated			20.0	8.00		160.0	
Exterior	0.0	0.00	0.0								
Base Total: 20.0 230.0				As-Built Total: 20.0 160.0							

WINTER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 32, Sub: Cobblestone, Plat: , Lake City, FL, 32025-

PERMIT #:

BASE				AS-BUILT				
CEILING TYPES Area X BWPM = Points				Type	R-Value	Area X WPM X WCM = Points		
Under Attic	2989.0	2.05	6127.4	Under Attic	30.0	3189.0	2.05 X 1.00	6537.4
Base Total:	2989.0		6127.4	As-Built Total:		3189.0		6537.4
FLOOR TYPES Area X BWPM = Points				Type	R-Value	Area X WPM = Points		
Slab	292.0(p)	8.9	2598.8	Slab-On-Grade Edge Insulation	0.0	292.0(p)	18.80	5489.6
Raised	0.0	0.00	0.0					
Base Total:			2598.8	As-Built Total:		292.0		5489.6
INFILTRATION Area X BWPM = Points				Area X WPM = Points				
	2989.0	-0.59	-1763.5			2989.0	-0.59	-1763.5
Winter Base Points:		23598.1		Winter As-Built Points:		22438.4		
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)			
				22438.4	0.500	(1.069 x 1.169 x 1.00)	0.501	1.000 6784.6
				22438.4	0.500	(1.069 x 1.169 x 0.93)	0.501	1.000 6784.6
23598.1	0.6274		14805.5	22438.4	1.00	1.206	0.501	1.000 13569.3

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

ADDRESS: Lot: 32, 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	Multiplier	X Credit = Total Multiplier
3		2746.00	8238.0	80.0	0.90	3	1.00	2684.98	1.00 8054.9
				As-Built Total:					
				8054.9					

CODE COMPLIANCE STATUS							
BASE				AS-BUILT			
Cooling Points	+	Heating Points	+ Hot Water Points = Total Points	Cooling Points	+	Heating Points	+ Hot Water Points = Total Points
16978		14805	8238 40021	13899		13569	8055 35523

PASS



Code Compliance Checklist
Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 32, 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* = 85.0

The higher the score, the more efficient the home.

Chris & Mellodie Garel, Lot: 32, 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: 32.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 11.00
4. Number of Bedrooms	3	b. Central Unit	Cap: 32.0 kBtu/hr
5. Is this a worst case?	No		SEER: 11.00
6. Conditioned floor area (ft ²)	2989 ft ²	c. N/A	
7. Glass area & type		13. Heating systems	
a. Clear - single pane	0.0 ft ²	a. Electric Heat Pump	Cap: 32.0 kBtu/hr
b. Clear - double pane	504.8 ft ²		HSPF: 6.80
c. Tint/other SHGC - single pane	0.0 ft ²	b. Electric Heat Pump	Cap: 32.0 kBtu/hr
d. Tint/other SHGC - double pane	0.0 ft ²		HSPF: 6.80
8. Floor types		c. N/A	
a. Slab-On-Grade Edge Insulation	R=0.0, 292.0(p) ft	14. Hot water systems	
b. N/A		a. Electric Resistance	Cap: 80.0 gallons
c. N/A			EF: 0.90
9. Wall types		b. N/A	
a. Frame, Wood, Exterior	R=19.0, 2270.0 ft ²	c. Conservation credits	
b. Frame, Wood, Adjacent	R=13.0, 320.0 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, 3189.0 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, 30.0 ft		
b. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 30.0 ft		

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 Energy Gauge Office. (Version: FLR1PB v3.22)*

**Columbia County Building Department
Culvert Permit**

**Culvert Permit No.
000000775**

DATE 08/16/2005 PARCEL ID # 24-3S-16-02275-132
APPLICANT LINDA RODER PHONE 752-2281
ADDRESS 387 SW KEMP COURT LAKE CITY FL 32024
OWNER CHRIS & MELODIE GAREL PHONE 561 358-9441
ADDRESS 163 NW AMBER COURT LAKE CITY FL 32055
CONTRACTOR ISAAC CONSTRUCTION PHONE 719-7143
LOCATION OF PROPERTY 90W, TR ON LAKE JEFFREY RD, TR ON BRIDGEWATER, TL ON AMBLESIDE CT,
TR ON AMBER CT, 2ND LOT ON RIGHT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT COBBLESTONE 32 2

SIGNATURE Linda 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



New Construction Subterranean Termite Soil Treatment RecordOMB 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.

23502

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. **386-755-3611**
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) **163 N.W. Amph. Tr.**
Sub. E.T., FL
201-5th
Type of Construction (More than one box may be checked) ☒ Slab ☐ Basement ☐ Crawl ☐ Other _____
Approximate Depth of Footing: Outside **12** Inside **24** Type of Fill **Port.**

Section 4: Treatment Information

Date(s) of Treatment(s) **9-22-05**
Brand Name of Product(s) Used **Surround**
EPA Registration No. **70907-7-53983**
Approximate Final Mix Solution % **0.5%**
Approximate Size of Treatment Area: Sq. ft. **5875** Linear ft. **352** Linear ft. of Masonry Voids **352**
Approximate Total Gallons of Solution Applied **1012**
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 **9-22-05**

CERTIFICATE OF OCCUPANCY

OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 24-3S-16-02275-132

Building permit No. 000023502

Use Classification SFD, UTILITY

Fire: 29.60

Permit Holder ISAAC CONSTRUCTION

Waste: 61.25

Owner of Building CHRIS & MELODIE GAREL

Total: 90.85

Location: 163 NW AMBER COURT(COBBLESTONE, LOT 32)

Date: 05/10/2006

[Signature]

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

