

DATE 06/03/2005

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000023234

APPLICANT MELANIE RODER

PHONE 752-2281

ADDRESS 387 SW KEMP COURT

LAKE CITY

FL 32024

OWNER JOHN MORRISON/MARSHA SHOWALTER

PHONE 623-9106

ADDRESS 521 SW MOSSY OAK WAY

LAKE CITY

FL 32024

CONTRACTOR ISAAC CONSTRUCTION

PHONE 752-2281

LOCATION OF PROPERTY 90W, TL ON MAYO, TL ON HUNTER, ON LEFT AT CURVE

TYPE DEVELOPMENT SFD, UTILITY

ESTIMATED COST OF CONSTRUCTION

112000.00

HEATED FLOOR AREA 2240.00

TOTAL AREA 3528.00

HEIGHT .00

STORIES 1

FOUNDATION CONC

WALLS FRAMED

ROOF PITCH 8/12

FLOOR SLAB

LAND USE & ZONING PRRD

MAX. HEIGHT 23

Minimum Set Back Requirements: STREET-FRONT

30.00

REAR 25.00

SIDE 25.00

NO. EX.D.U. 0

FLOOD ZONE X PP

DEVELOPMENT PERMIT NO.

PARCEL ID 25-3S-15-00220-110

SUBDIVISION HUNTER'S RIDGE

LOT 10

BLOCK

PHASE

UNIT

TOTAL ACRES 6.00

000000681

N

CBC059323

Melanie Roder

Culvert Permit No.

Culvert Waiver

Contractor's License Number

Applicant/Owner/Contractor

CULVERT PERMIT

05-0495-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

Check # or Cash 496

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

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 \$ 560.00

CERTIFICATION FEE \$ 17.64

SURCHARGE FEE \$ 17.64

MISC. FEES \$.00

ZONING CERT. FEE \$ 50.00

FIRE FEE \$

WASTE FEE \$

FLOOD ZONE DEVELOPMENT FEE \$

CULVERT FEE \$ 25.00

TOTAL FEE 670.28

INSPECTORS OFFICE

CLERKS OFFICE

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

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

This Permit Must Be Prominently Posted on Premises During Construction

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

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

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0505-51 Date Received 5-11-05 By GT Permit # 681/23234
 Application Approved by - Zoning Official BLK Date 25.05.05 Plans Examiner DK JH Date 6-3-05
 Flood Zone xpght Development Permit N/A Zoning PRRD Land Use Plan Map Category A-3
 Comments _____

Applicants Name Linda or Melanie Rader Phone 752-2281
 Address 387 S.W. Kemp Ct. Lake City FL 32024
 Owners Name John Morrison and Marsha Shaw Phone 623-9106
 911 Address 521 SW Mossy Oak way Lake City FL 32024
 Contractors Name Isaac Construction Inc. Phone 719-7143
 Address 1005 S.W. Walter Ave. Lake City FL 32024
 Fee Simple Owner Name & Address _____
 Bonding Co. Name & Address _____
 Architect/Engineer Name & Address Will Myers - Nick Geisler
 Mortgage Lenders Name & Address 1st Federal
 Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
 Property ID Number 25-35-R15 00220-110 Estimated Cost of Construction 135,000
 Subdivision Name Lot 10 Hunter's Ridge Lot 10 Block _____ Unit _____ Phase _____
 Driving Directions Hwy 90 west, Turn Lon Mayo, Turn L on Hunter, on Left at Curve.

Type of Construction _____ Number of Existing Dwellings on Property _____
 Total Acreage 6 Lot Size _____ Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive
 Actual Distance of Structure from Property Lines - Front 30'-8" Side 28' Side 77' Rear 488'-10"
 Total Building Height 23'-1" Number of Stories 1 Heated Floor Area 2240 Roof Pitch 8-12

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

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

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

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 19 day of April 2005

Personally known X or Produced Identification _____

Contractor Signature _____
 Contractors License Number CBC059323
 Competency Card Number _____
 NOTARY STAMP/SEAL

Barbara C. Webster
 Notary Signature

NOTICE OF COMMENCEMENTSTATE OF FLORIDA
COUNTY OF COLUMBIAInst:2005008998 Date:04/19/2005 Time:13:16
P. Bolitt Case, Columbia County B:1043 P:2168

ATS#14797

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 10, Hunter's Ridge, a subdivision according to the plat thereof recorded in PRRD Book 7, Page 156-162, of the Public Records of Columbia County, Florida.
2. General Description of Improvement: SINGLE FAMILY DWELLING
3. Owner Information:
Name and Address: John B. Morrison, Jr., and his wife, Marsha Showalter
 10615 Sumbarel View Drive, Clermont, FL 34711
 - a. Interest in Property: Fee Simple
 - b. Name and Address of Fee Simple titleholder (if other than Owner):
 SAME AS ITEM 3a ABOVE
4. Contractor (name and address): Isaac Construction
 Rt. 9 Box 646, Lake City, Florida 32024
5. Surety:
 - a. Name and Address: N/A
 - b. Amount of Bond: N/A
6. Lender (Name and Address): First Federal Savings Bank of Florida 4705 West US Highway 90, Lake City, Florida 32056.
7. Persons within the State of Florida designated by Owner upon notices or other documents may be served as provided by 713.13(1)(a)(7), Florida Statutes:
8. In addition to himself, the Owner designates the following person to receive a copy of the Lienor's Notice as provided in 713.13(1)(b), Florida Statutes (Name and Address):
 PAULA HACKER of First Federal Savings Bank of Florida, 4705 West US Highway 90, Lake City, Florida 32056/ P.O. Box 2029, Lake City, Florida 32056
9. Expiration date of Notice of Commencement (the expiration date is 1 year from the date of recording unless a different date is specified):

Type Owner Name: John B. Morrison, Jr.

Type Owner Name: Marsha Showalter

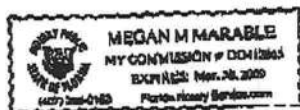
Witness #1:

TRACI LANDREY

Witness #2:

Megan Marable

The foregoing instrument was acknowledged before me this ____ day of April, 2005, by John B. Morrison, and his wife, Marsha Showalter, who is personally known to me or who has produced driver's license for identification.

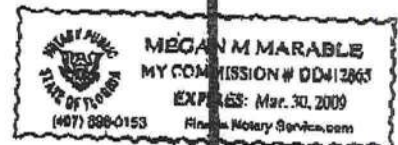


Type Name: Megan M. Marable
 Notary Public, State of Florida
 COMMISSION EXPIRY/NUMBER:

Notfiled

I HEREBY CERTIFY THAT THIS IS A TRUE AND
 CORRECT COPY OF THE ORIGINAL DOCUMENT
 EXECUTED THIS 25 DAY OF May 2005

Megan M. Marable
 NOTARY PUBLIC

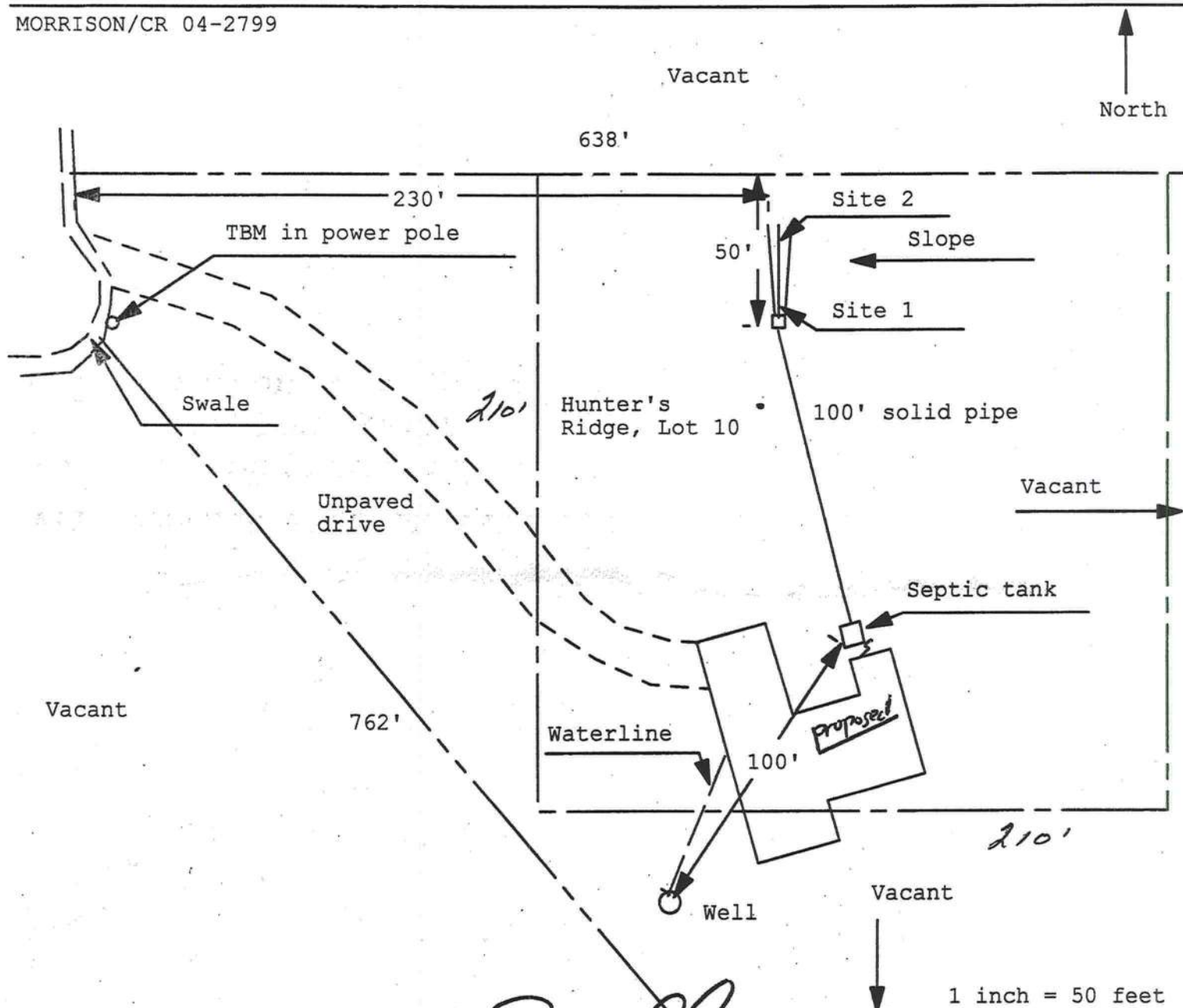


TOTAL P.01

Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan
Permit Application Number: 05-0495X

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

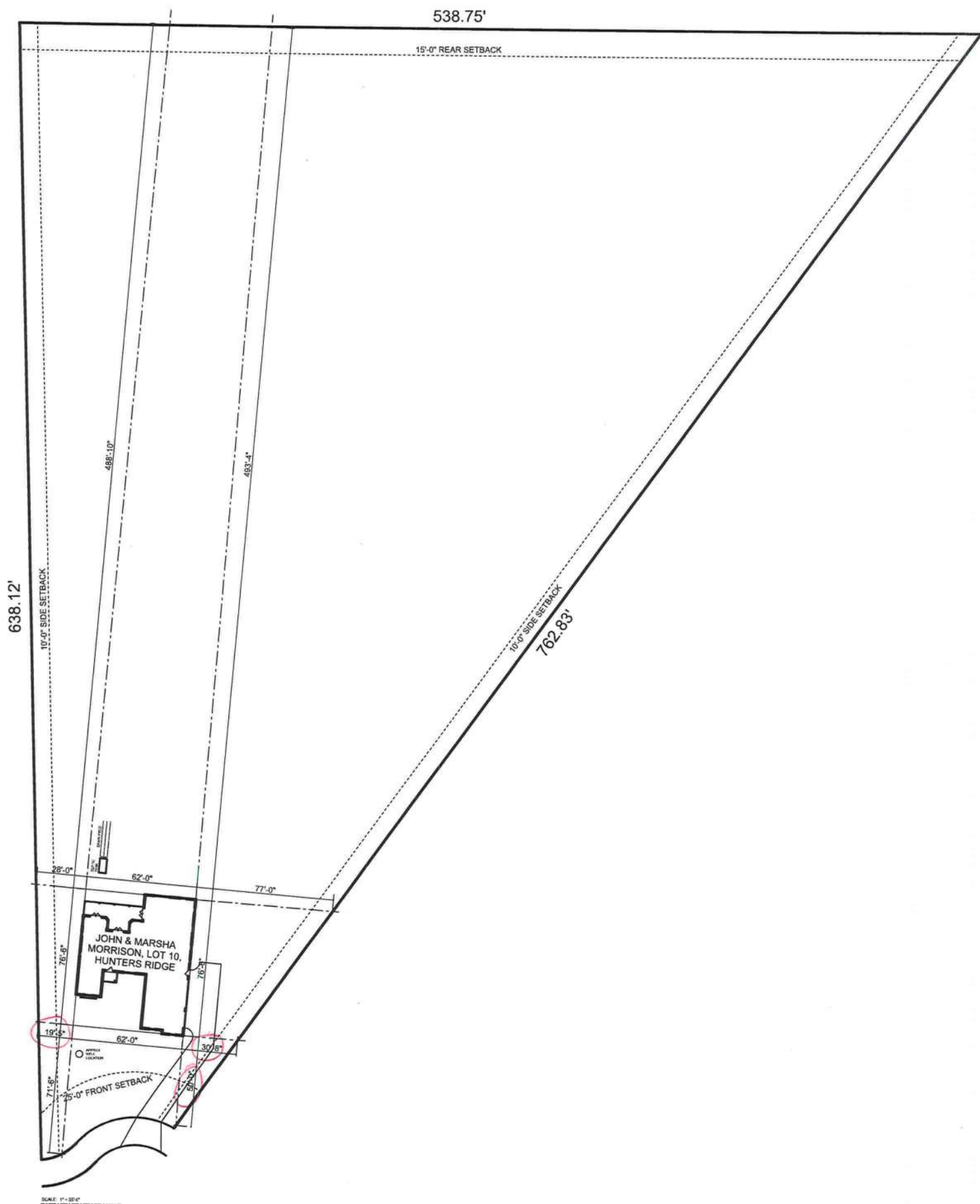
MORRISON/CR 04-2799



Site Plan Submitted By Paul L. Lopp Date 5/4/05
Plan Approved X Not Approved Date 5-11-05

By Sallie Maddy - EST COLUMBIA CPHU

Notes:



Warranty Deed

Individual to individual

THIS WARRANTY DEED made the 1st day of April, 2005 by

Daniel Crappa, A Married Man

hereinafter called the grantor, to

John B. Morrison, Jr., and his wife, Marsha Showalter

whose post office address is: 10616 Sunburst View Drive, Clermont, FL 34711
hereinafter called the grantees:

(Wherever 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 corporation)

Witnesseth: That the grantor, for and in consideration of the sum of \$10.00 and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys, and confirms unto the grantees, all that certain land situate in COLUMBIA County, FLORIDA, viz: Parcel ID#

Lot 16, Hunter's Ridge, a subdivision according to the plat thereof recorded in PRRD Book 7, Page 156-162, of the Public Records of Columbia County, Florida.

The above described property does not constitute the homestead of said grantor and is in fact vacant land.

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

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

AND the grantor hereby covenants with said grantees that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2004.

IN WITNESS WHEREOF, the said grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered in our presence:

Lisa Hicks
Witness Lisa Hicks

Daniel Crappa
Daniel Crappa

Mary Lyons
Witness Mary Lyons

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 1st day of April, 2005 by Daniel Crappa, A Married Man personally known to me or, if not personally known to me, who produced Driver's License No. _____ for identification and who did not take an oath.

(SEAL)

Lisa Hicks
Notary Public



Lisa Hicks
My Commission 00181797
Expires August 28, 2008

Prepared by:
Michael H. Harrell
Abstract & Title Services, Inc.
392 SW Baya Drive
Lake City, Florida 32025

Warranty Deed

Individual to individual

THIS WARRANTY DEED made the 1st day of April, 2005 by

Daniel Crapps, A Married Man

hereinafter called the grantor, to

John B. Morrison, Jr., and his wife, Marsha Showalter

whose post office address is: 10816 Sunburst View Drive, Clermont, FL 34711
hereinafter called the grantee:

(Wherever 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 corporation)

Witnesseth: That the grantor, for and in consideration of the sum of \$10.00 and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, allens, remises, releases, conveys, and confirms unto the grantee, all that certain land situate in COLUMBIA County, FLORIDA, viz: Parcel ID#

Lot 10, Hunter's Ridge, a subdivision according to the plat thereof recorded in PRRD Book 7, Page 166-162, of the Public Records of Columbia County, Florida.

The above described property does not constitute the homestead of said grantor and is in fact vacant land.

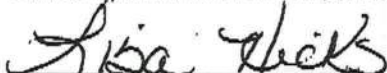
TOGETHER with all tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

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


AND the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2004.

IN WITNESS WHEREOF, the said grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered in our presence:


Witness Lisa Hicks

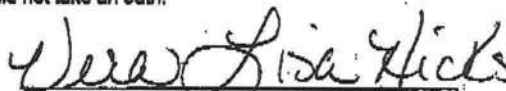

Daniel Crapps

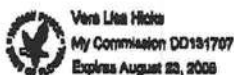

Witness Mary Lyons

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 1st day of April, 2005 by Daniel Crapps, A Married Man personally known to me or, if not personally known to me, who produced Driver's License No. _____ for identification and who did not take an oath.

(SEAL)


Notary Public



HALL'S PUMP & WELL SERVICE, INC.

SPECIALIZING IN 4"-6" WELLS



DONALD AND MARY HALL
OWNERS

PHONE (904) 752-1854
FAX (904) 755-7022
~~XXXXXX FIRST STREET~~
LAKE CITY, FLORIDA 32055
904 NW Main Blvd.

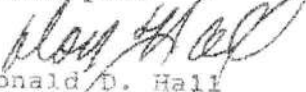
June 12, 2002

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

**Columbia County Building Department
Culvert Permit**

**Culvert Permit No.
000000681**

DATE 06/03/2005 PARCEL ID # 25-3S-15-00220-110

APPLICANT MELANIE RODER PHONE 752-2281

ADDRESS 387 SW KEMP COURT LAKE CITY FL 32024

OWNER JOHN MORRISON/MARSHA SHOWALTER PHONE 623-9106

ADDRESS 521 SW MOSSY OAK WAY LAKE CITY FL 32024

CONTRACTOR ISAAC CONSTRUCTION PHONE 719-7143

LOCATION OF PROPERTY 90W, TL ON MAYO, TL ON HUNTER, ON LEFT AT CURVE

SUBDIVISION/LOT/BLOCK/PHASE/UNIT HUNTER'S RIDGE 10

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



FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name:	Isaac Construction Inc. - Morrison Res.	Builder:	Isaac Construction Inc.
Address:	Lot: 10, Sub: Hunters Ridge, Plat:	Permitting Office:	
City, State:	, FL 32025-	Permit Number:	23234
Owner:	John & Marsha Morrison	Jurisdiction Number:	221000
Climate Zone:	North		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 49.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 11.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	No	c. N/A	
6. Conditioned floor area (ft ²)	2240 ft ²	13. Heating systems	
7. Glass area & type		a. Electric Heat Pump	Cap: 49.0 kBtu/hr
a. Clear - single pane	0.0 ft ²		HSPF: 6.80
b. Clear - double pane	359.0 ft ²	b. N/A	
c. Tint/other SHGC - single pane	0.0 ft ²	c. N/A	
d. Tint/other SHGC - double pane	0.0 ft ²	14. Hot water systems	
8. Floor types		a. Electric Resistance	Cap: 50.0 gallons
a. Slab-On-Grade Edge Insulation	R=0.0, 256.0(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, 1891.0 ft ²	DHP-Dedicated heat pump)	
b. Frame, Wood, Adjacent	R=13.0, 270.0 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, 2340.0 ft ²	MZ-H-Multizone heating)	
b. N/A			
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: 0.16

Total as-built points: 29473

Total base points: 32581

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: 04/12/05

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

OWNER/AGENT: John & Marsha Morrison
DATE: 4-27-05

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: 10, Sub: Hunters Ridge, Plat: , , FL, 32025-

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang		Area X SPM X SOF = Points				
					Ornt	Len	Hgt				
.18	2240.0	20.04	8080.1	Double, Clear	W	9.5	9.7	40.0	36.99	0.53	790.8
				Double, Clear	N	15.5	8.0	20.0	19.22	0.63	240.5
				Double, Clear	W	16.5	9.7	40.0	36.99	0.42	628.2
				Double, Clear	S	15.5	8.0	20.0	34.50	0.45	312.4
				Double, Clear	W	9.5	8.0	20.0	36.99	0.49	359.1
				Double, Clear	S	6.5	9.7	40.0	34.50	0.59	811.6
				Double, Clear	W	1.5	5.0	16.0	36.99	0.88	518.1
				Double, Clear	W	1.5	8.0	15.0	36.99	0.96	531.5
				Double, Clear	N	1.5	8.0	30.0	19.22	0.97	557.7
				Double, Clear	N	1.5	3.7	4.0	19.22	0.87	66.7
				Double, Clear	N	1.5	6.0	6.0	19.22	0.94	108.2
				Double, Clear	E	1.5	8.0	30.0	40.22	0.96	1155.5
				Double, Clear	E	7.5	9.7	22.0	40.22	0.58	515.8
				Double, Clear	E	2.5	7.0	16.0	40.22	0.83	533.6
				Double, Clear	S	1.5	8.0	20.0	34.50	0.92	637.0
				Double, Clear	S	1.5	8.0	20.0	34.50	0.92	637.0
				As-Built Total:							359.0
WALL TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	270.0	0.70	189.0	Frame, Wood, Exterior		19.0	1891.0	0.90	1701.9		
Exterior	1891.0	1.70	3214.7	Frame, Wood, Adjacent		13.0	270.0	0.60	162.0		
Base Total:		2161.0	3403.7	As-Built Total:		2161.0		1863.9			
DOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	20.0	2.40	48.0	Exterior Insulated			20.0	4.10	82.0		
Exterior	20.0	6.10	122.0	Adjacent Insulated			20.0	1.60	32.0		
Base Total:		40.0	170.0	As-Built Total:		40.0		114.0			
CEILING TYPES Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points				
Under Attic	2240.0	1.73	3875.2	Under Attic		30.0	2340.0	1.73 X 1.00	4048.2		
Base Total:		2240.0	3875.2	As-Built Total:		2340.0		4048.2			
FLOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Slab	256.0(p)	-37.0	-9472.0	Slab-On-Grade Edge Insulation		0.0	256.0(p)	-41.20	-10547.2		
Raised	0.0	0.00	0.0								
Base Total:		-9472.0		As-Built Total:		256.0		-10547.2			

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 10, Sub: Hunters Ridge, Plat: , , FL, 32025-

PERMIT #:

BASE				AS-BUILT							
INFILTRATION Area X BSPM = Points				Area X SPM = Points							
2240.0 10.21 22870.4				2240.0 10.21 22870.4							
Summer Base Points: 28927.4				Summer As-Built Points: 26753.0							
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	
28927.4		0.4266	12340.4	26753.0		1.000	(1.090 x 1.147 x 1.00)	0.310	1.000	10377.8	
				26753.0		1.00	1.250	0.310	1.000	10377.8	

WINTER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 10, Sub: Hunters Ridge, Plat: , , 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	2240.0	12.74	5136.8	Double, Clear	W	9.5	9.7	40.0	10.77	1.16	501.6
				Double, Clear	N	15.5	8.0	20.0	14.30	1.02	293.2
				Double, Clear	W	16.5	9.7	40.0	10.77	1.22	523.4
				Double, Clear	S	15.5	8.0	20.0	4.03	3.49	281.5
				Double, Clear	W	9.5	8.0	20.0	10.77	1.19	255.6
				Double, Clear	S	6.5	9.7	40.0	4.03	2.08	335.2
				Double, Clear	W	1.5	5.0	16.0	10.77	1.03	178.2
				Double, Clear	W	1.5	8.0	15.0	10.77	1.01	163.3
				Double, Clear	N	1.5	8.0	30.0	14.30	1.00	429.5
				Double, Clear	N	1.5	3.7	4.0	14.30	1.01	57.6
				Double, Clear	N	1.5	6.0	6.0	14.30	1.00	86.0
				Double, Clear	E	1.5	8.0	30.0	9.09	1.02	278.1
				Double, Clear	E	7.5	9.7	22.0	9.09	1.22	244.0
				Double, Clear	E	2.5	7.0	16.0	9.09	1.07	155.4
				Double, Clear	S	1.5	8.0	20.0	4.03	1.04	83.9
				Double, Clear	S	1.5	8.0	20.0	4.03	1.04	83.9
				As-Built Total:				359.0			
WALL TYPES Area X BWPM = Points				Type R-Value Area X WPM = Points							
Adjacent	270.0	3.60	972.0	Frame, Wood, Exterior		19.0	1891.0	2.20	4160.2		
Exterior	1891.0	3.70	6996.7	Frame, Wood, Adjacent		13.0	270.0	3.30	891.0		
Base Total:		2161.0	7968.7	As-Built Total:		2161.0		5051.2			
DOOR TYPES Area X BWPM = Points				Type Area X WPM = Points							
Adjacent	20.0	11.50	230.0	Exterior Insulated			20.0	8.40	168.0		
Exterior	20.0	12.30	246.0	Adjacent Insulated			20.0	8.00	160.0		
Base Total:		40.0	476.0	As-Built Total:		40.0		328.0			
CEILING TYPES Area X BWPM = Points				Type R-Value Area X WPM X WCM = Points							
Under Attic	2240.0	2.05	4592.0	Under Attic		30.0	2340.0	2.05 X 1.00	4797.0		
Base Total:		2240.0	4592.0	As-Built Total:		2340.0		4797.0			
FLOOR TYPES Area X BWPM = Points				Type R-Value Area X WPM = Points							
Slab	256.0(p)	8.9	2278.4	Slab-On-Grade Edge Insulation		0.0	256.0(p)	18.80	4812.8		
Raised	0.0	0.00	0.0								
Base Total:			2278.4	As-Built Total:		256.0		4812.8			

WINTER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 10, Sub: Hunters Ridge, Plat: , , FL, 32025-

PERMIT #:

BASE				AS-BUILT					
INFILTRATION Area X BWPM = Points				Area X WPM = Points					
2240.0 -0.59 -1321.6				2240.0 -0.59 -1321.6					
Winter Base Points: 19130.3				Winter As-Built Points: 17617.9					
Total Winter X System = Heating Points Multiplier Points				Total X Cap X Duct X System X Credit = Heating Component Ratio Multiplier Multiplier Multiplier Points (DM x DSM x AHU)					
19130.3 0.6274 12002.3				17617.9 1.000 (1.069 x 1.169 x 1.00) 0.501 1.000 11040.6 17617.9 1.00 1.250 0.501 1.000 11040.6					

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

ADDRESS: Lot: 10, Sub: Hunters Ridge, Plat: , , FL, 32025-

PERMIT #:

BASE				AS-BUILT					
WATER HEATING				Tank	EF	Number of	X	Tank X	Credit = Total
Number of		Multiplier	=	Volume		Bedrooms		Ratio	Multiplier
Bedrooms			Total						
3		2746.00	8238.0	50.0	0.90	3		1.00	2684.98
									1.00
									8054.9
As-Built Total:									8054.9

CODE COMPLIANCE STATUS							
BASE				AS-BUILT			
Cooling	+	Heating	+	Cooling	+	Heating	+
Points		Points		Points		Points	
			Hot Water				Hot Water
			Points				Points
			=				=
			Total				Total
			Points				Points
12340		12002	8238	10378		11041	8055
			32581				29473

PASS



Code Compliance Checklist
Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 10, Sub: Hunters Ridge, Plat: , , FL, 32025-	PERMIT #:
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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* = 84.6

The higher the score, the more efficient the home.

John & Marsha Morrison, Lot: 10, Sub: Hunters Ridge, Plat: , , FL, 32025-

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 49.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 11.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	No	c. N/A	
6. Conditioned floor area (ft ²)	2240 ft ²		
7. Glass area & type		13. Heating systems	
a. Clear - single pane	0.0 ft ²	a. Electric Heat Pump	Cap: 49.0 kBtu/hr
b. Clear - double pane	359.0 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, 256.0(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=19.0, 1891.0 ft ²	(HR-Heat recovery, Solar	
b. Frame, Wood, Adjacent	R=13.0, 270.0 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, 2340.0 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: Andrew agent

Date: 4-27-05

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 EnergyStarTM 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)

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 25-3S-15-00220-110

Building permit No. 000023234

Use Classification SFD, UTILITY

Fire: 82.60

Permit Holder ISAAC CONSTRUCTION

Waste: 122.50

Owner of Building JOHN MORRISON/MARSHA SHOWALTER Total: 205.10

Location: 521 SW MOSSY OAK WAY (HUNTER'S RIDGE L-10)

Date: 12/16/2005

Tony Dick

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)



"Building Dream Homes"



CBC#059323

June 27, 2005

Columbia County Building & Zoning Department
135 NE Hernando Avenue, Suite B21
Lake City, FL 32055

RE: John Morrison/Marsha Showalter
Permit # 000023234

Caltech Testing was requested by Isaac Construction to go to the above job site to conduct a compaction test on the soil as instructed by the county. Caltech's findings were that 90% of the footer was on undisturbed grade soil and 10% contained only 2" of fill and a compaction test was not necessary.

If you have any questions or need any more information please contact the office.

Sincerely,

Barbara Webster
Isaac Construction, Inc.

PHONE: 386-719-7143 ▲ isaacconstruction.com