

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

Columbia County Building Permit Application

CK# 7269

For Office Use Only Application # 0701-12 Date Received 1/4 By JW Permit # 1303/25410
 Application Approved by - Zoning Official BLK Date 12.01.07 Plans Examiner OK 57H Date 1-16-07
 Flood Zone X pink Development Permit N/A Zoning RSF-2 Land Use Plan Map Category RES Low Dev.

Comments

☒ NOC ☐ EH ☐ Deed or PA ☒ Site Plan ☒ State Road Info ☐ Parent Parcel # ☐ Development Permit

Name Authorized Person Signing Permit POKONE NAPIEN Phone 386.719.7143

Address 2109 W. US Hwy 90 Ste 170, #338, Lake City, FL 32055

Owners Name Isaac Holdings Phone 719-7143

911 Address 376 Fieldstone Ct. SW

Contractors Name Isaac Construction Phone 719-7143

Address 2109 W US Hwy. 90, Suite 170, #338, Lake City, FL 32055

Fee Simple Owner Name & Address

Bonding Co. Name & Address

Architect/Engineer Name & Address Mark Disabney - ENS. - Will Myers - Draftsman

Mortgage Lenders Name & Address N/A

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

Property ID Number 33-35-16-02438-156 Estimated Cost of Construction 150,000

Subdivision Name Emerald Cove Lot 56 Block Unit Phase 2

Driving Directions Hwy 90 W, TL on Heathridge, TR on Fieldstone, To end on Right

Type of Construction Frame - SFD Number of Existing Dwellings on Property 0

Total Acreage 1/2 Lot Size N/A Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 55' L Side 25' 11" 1" Side 18' Rear 15' 76"

Total Building Height 19'-8" Number of Stories 1 Heated Floor Area 1567 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 Authorized Person by Notarized Letter
 STATE OF FLORIDA
 COUNTY OF COLUMBIA
 Barbara C. Webster
 Commission # DD329279
 Expires July 2, 2008
 Bonded Troy Fain - Insurance, Inc. 800-385-7019

Sworn to (or affirmed) and subscribed before me
 this one day of January 2007.
 Personally known X or Produced Identification

Contractor Signature
 Contractors License Number CBC054323
 Competency Card Number
 NOTARY STAMP/SEAL

Barbara C Webster
 Notary Signature

(Revised Sept. 2006)

PREPARED BY AND RETURN TO:

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

Property Appraiser's
Identification Number R-02438-000

TM File No: 06-124

WARRANTY DEED

This Warranty Deed, made this 24th day of March, 2006, BETWEEN D D P CORPORATION, a Florida corporation, whose post office address is 4158 US Highway 90 West, Lake City, Florida 32055, of the County of Columbia, State of Florida, grantor*, and ISAAC HOLDINGS, INC., a Florida corporation, whose post office address is 144 SW Waterford Court, Suite 101, Lake City, FL 32025, 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 51, 54 and 56, Emerald Cove, Phase 2, a subdivision according to the plat thereof recorded in Plat Book 8, Pages 68-69, public records, 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.

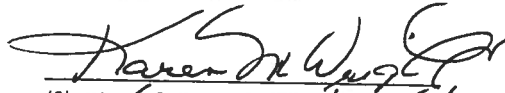
Signed, sealed and delivered
in our presence:

D D P CORPORATION


(Signature of First Witness)
LARRY McDAVID
(Typed Name of First Witness)

BY:  (SEAL)
O. P. Daughtry, III,
President


(Corporate Seal)


(Signature of Second Witness)
KAREN M. WRIGHT
(Typed Name of Second Witness)

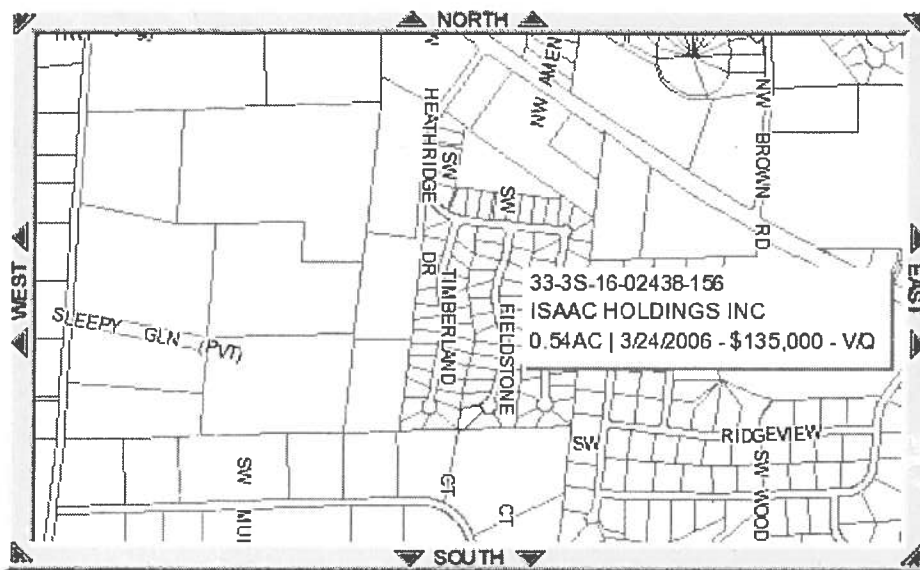
STATE OF FLORIDA
COUNTY OF COLUMBIA

24th The foregoing instrument was acknowledged before me this
day of March, 2006, by O. P. Daughtry, III, President of D
D P Corporation, a Florida corporation, on behalf of said
corporation, who is/are personally known to me or who has/have
produced _____ as identification and who did not take
an oath.

My Commission Expires:


Notary Public
Printed, typed, or stamped name:





LOT 56 EMERALD COVE S/D PHS 2.
WD 107-2659.

ISAAC HOLDINGS INC
144 SW WATERFORD CT
SUITE 101
LAKE CITY, FL 32025

33-3S-16-02438-156

Columbia Cou

PRINTED 11/17/2006 15:46

APPR 8/24/2006 CM

[illegible]

TOTAL

-----EXTRA FEATURES-----										FIELD CK:		-----SAMPLE-----						
AE	BN	CODE	DESC	LEN	WID	HGHT	QTY	QL	YR	ADJ	UNITS	UT	PRICE	ADJ	UT	PR	SPCD	%
AE		LAND	DESC	ZONE	ROAD	{UD1	{UD3	FRONT	DEPTH	FIELD CK:								
		CODE		TOPO	UTIL	{UD2	{UD4	BACK	DT	ADJUSTMENTS								
Y	000000	VAC RES	RSF-2	0007						1.00	1.00	1.00	1.00	1.000	LT	42500.000		42500.000

2007

Columbia County Property Appraiser

DB Last Updated: 11/20/2006

Parcel: 33-3S-16-02438-156

2007 Proposed Values

[Tax Record](#)[Property Card](#)[Interactive GIS Map](#)[Print](#)

Owner & Property Info

[<< Prev](#)

Search Result: 61 of 101

[Next >>](#)

Owner's Name	ISAAC HOLDINGS INC		
Site Address	FIELDSTONE		
Mailing Address	144 SW WATERFORD CT SUITE 101 LAKE CITY, FL 32025		
Use Desc. (code)	VACANT (000000)		
Neighborhood	33316.00	Tax District	3
UD Codes	MKTA06	Market Area	06
Total Land Area	0.540 ACRES		
Description			

GIS Aerial



Property & Assessment Values

Mkt Land Value	cnt: (1)	\$42,500.00
Ag Land Value	cnt: (0)	\$0.00
Building Value	cnt: (0)	\$0.00
XFOB Value	cnt: (0)	\$0.00
Total Appraised Value		\$42,500.00

Just Value	\$42,500.00
Class Value	\$0.00
Assessed Value	\$42,500.00
Exempt Value	\$0.00
Total Taxable Value	\$42,500.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
3/24/2006	1078/2659	WD	V	Q		\$135,000.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
NONE						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
NONE						

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000000	VAC RES (MKT)	1.000 LT - (.540AC)	1.00/1.00/1.00/1.00	\$42,500.00	\$42,500.00

Columbia County Property Appraiser

DB Last Updated: 11/20/2006

[<< Prev](#)

61 of 101

[Next >>](#)

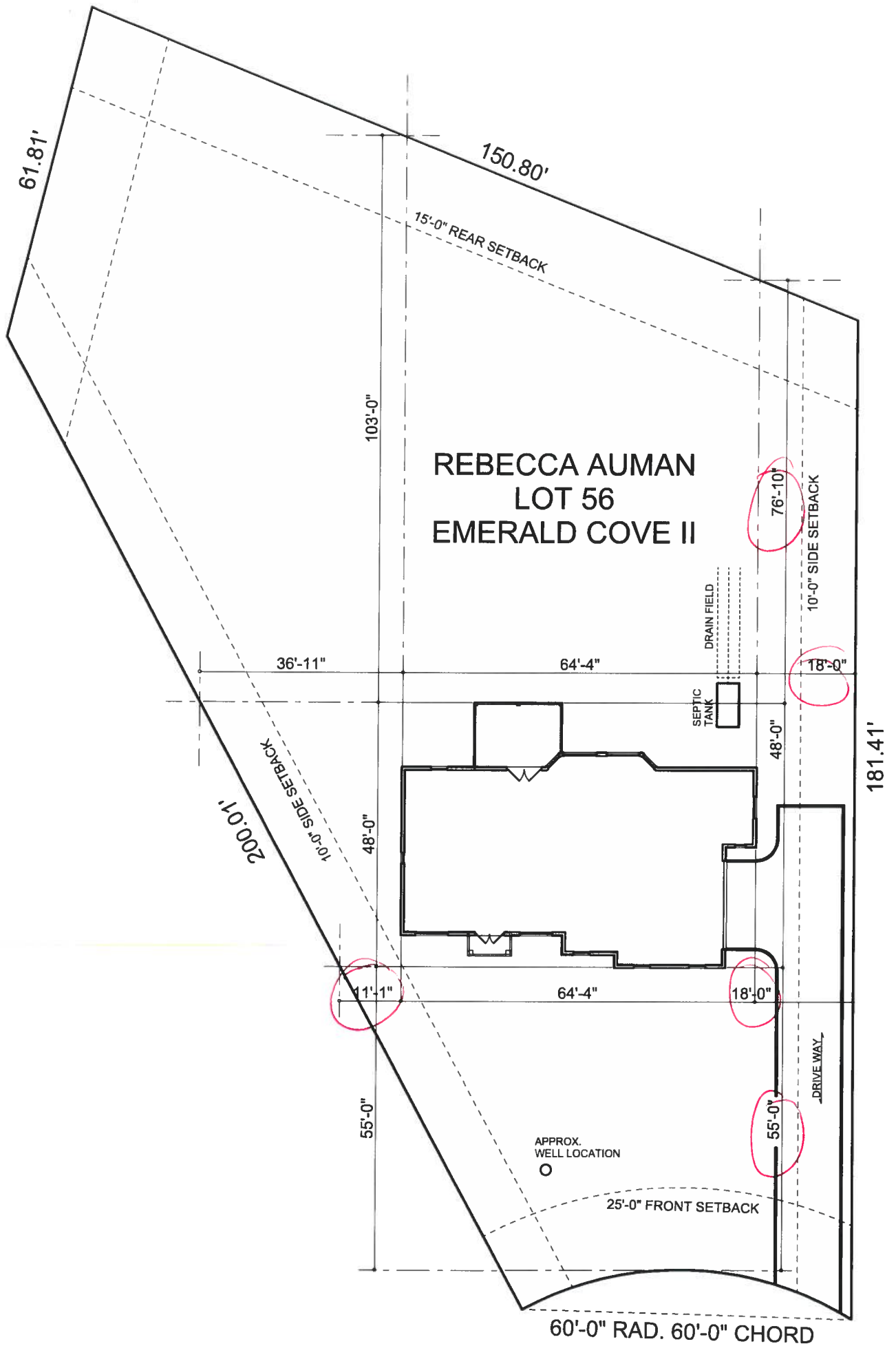
Disclaimer

This information was derived from data which was compiled by the Columbia County Property Appraiser's Office solely for the government purpose of property assessment. The information shown is a **work in progress** and should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's Office. The assessed values are **NOT CERTIFIED** values and therefore are subject to change before finalized for ad-valorem assessment purposes.

[Scroll to Top](#)

Site powered by: Grizzly Logic, Inc.© Copyright 2001

Web Site Copyright © 2000 Columbia County. All rights reserved.



NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

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.

Tax Parcel ID Number 33-35-16-02438

1. Description of property: (legal description of the property and street address or 911 address)
33-35-16-02438 376 Fieldstone Ct. SW
Hwy 90 W to Emerald Cove Subdivision.
Lot #56
2. General description of Improvement: single family dwelling
3. Owner Name & Address Isaac Holdings 2109 W US Hwy 90
Suite 170 #338 Lake City, FL 32855 Interest In Property _____
4. Name & Address of Fee Simple Owner (if other than owner): _____
5. Contractor Name Isaac Construction Phone Number 719-7143
Address 2109 W US Hwy. 90, Suite 170, #338, Lake City, FL 32855
6. Surety Holders Name n/A Phone Number _____
Address _____
Amount of Bond n/A Inst: 2007000113 Date: 01/03/2007 Time: 10:36
7. Lender Name n/A S. Z. DC, P. DeWitt Cason, Columbia County B: 1106 P: 1861
Address _____
8. Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes:
Name n/A Phone Number _____
Address _____
9. In addition to himself/herself the owner designates _____ of _____
to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) -
(a) 7. Phone Number of the designee _____
10. Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of recording, (Unless a different date is specified) _____

NOTICE AS PER CHAPTER 713, Florida Statutes:

The owner must sign the notice of commencement and no one else may be permitted to sign in his/her stead.



Signature of Owner

Sworn to (or affirmed) and subscribed before
day of January, 2007 ^{2nd}

NOTARY STAMP/SEAL



Barbara C. Webster
Commission # DD329279
Expires July 2, 2008
Bonded Tref Pain Insurance, Inc. 800-368-7010


Signature of Notary



Lake City (386) 755-3611
Gainesville (352) 494-5751
Fax (386) 755-3885
Toll Free 1-800-616-4707

Notice of Intent for Preventative Treatment for Termites
(As required by Florida Building Code (FBC) 104.2.6)

Aspen Pest Control, Inc.
(386) 755-3611
State License # - JB109476
State Certification # - JF104376

Emerald Cove - Lot # 56 Fieldstone - Lake City, FL 32025
Address of Treatment or Lot/Block of Treatment

Bora-Care Wood Treatment - 23% Disodium Octaborate Tetrahydrate

Method of Termite Prevention Treatment - Soil Barrier, Wood Treatment, Bait System, Other

Application onto Structural Wood

Description of Treatment

The above named structure will receive a complete treatment for the prevention of subterranean termites at the dried-in stage of construction. Treatment is done in accordance with the rules and laws established by the Florida Department of Agriculture and Consumer Services and according to EPA registered label directions as stated in Florida Building Code Section 1861.1.8.

Celia Oyler
Authorized Signature

12/13/06
Date

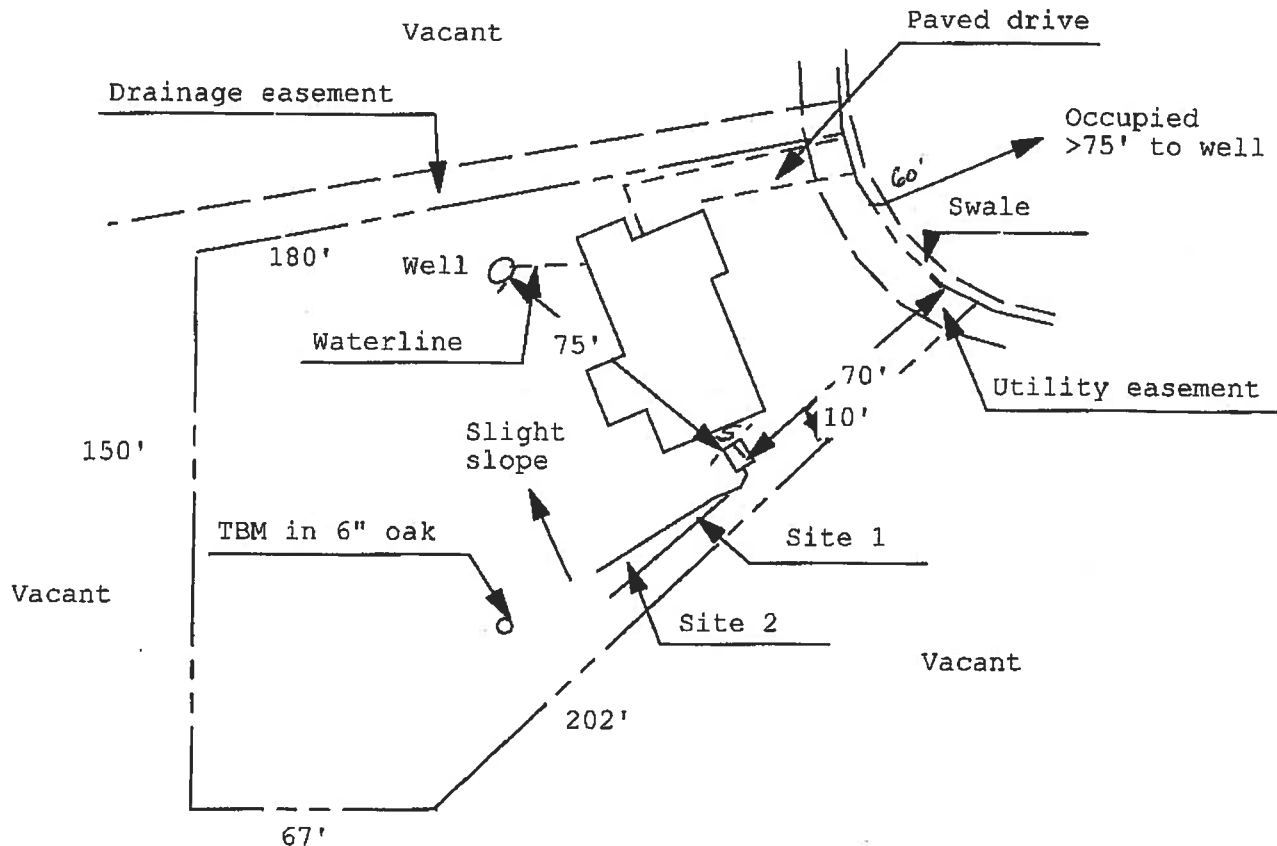
Application for Onsite Sewage Disposal System Construction Permit. Part II Site Plan

Permit Application Number: 07-00011N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

AUMAN/CR 06-3821

Emerald Cove 2, Lot 56



Checked map 1/11/06

1 inch = 50 feet

Site Plan Submitted By Paul D. [Signature]

Plan Approved ☒ Not Approved ☐

Date 12/18/06

Date 1/9/7

By [Signature] **APPROVED**

Columbia CHD

Notes: _____

Residential System Sizing Calculation

Summary

Rebecca Auman

Project Title:
Isaac Construction - Auman Res.

Code Only
Professional Version
Climate: North

Lake City, FL 32024-

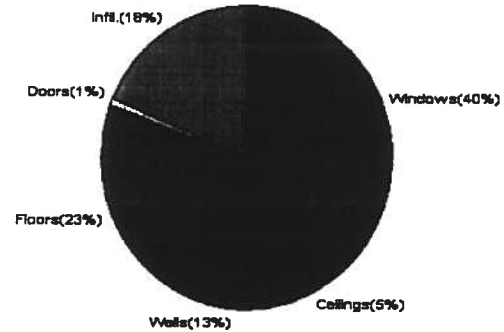
12/11/2006

Location for weather data: Gainesville - Defaults: Latitude(29) Altitude(152 ft.) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(54gr.)			
Winter design temperature	33 F	Summer design temperature	92 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	37 F	Summer temperature difference	17 F
Total heating load calculation	36852 Btuh	Total cooling load calculation	45717 Btuh
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	119.4 44000	Sensible (SHR = 0.75)	84.2 33000
Heat Pump + Auxiliary(0.0kW)	119.4 44000	Latent	168.1 11000
		Total (Electric Heat Pump)	96.2 44000

WINTER CALCULATIONS

Winter Heating Load (for 1567 sqft)

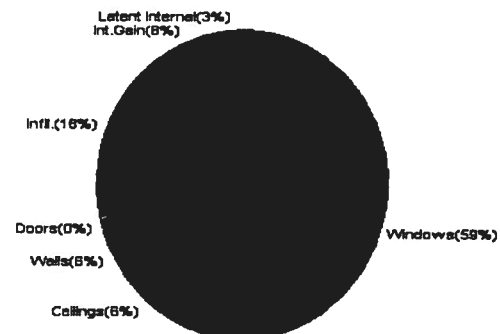
Load component		Load	
Window total	311 sqft	14614	Btuh
Wall total	1513 sqft	4969	Btuh
Door total	20 sqft	259	Btuh
Ceiling total	1650 sqft	1944	Btuh
Floor total	190 sqft	8295	Btuh
Infiltration	167 cfm	6771	Btuh
Duct loss		0	Btuh
Subtotal		36852	Btuh
Ventilation	0 cfm	0	Btuh
TOTAL HEAT LOSS		36852	Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 1567 sqft)

Load component		Load	
Window total	311 sqft	26787	Btuh
Wall total	1513 sqft	2954	Btuh
Door total	20 sqft	196	Btuh
Ceiling total	1650 sqft	2732	Btuh
Floor total		0	Btuh
Infiltration	146 cfm	2722	Btuh
Internal gain		3780	Btuh
Duct gain		0	Btuh
Sens. Ventilation	0 cfm	0	Btuh
Total sensible gain		39172	Btuh
Latent gain(ducts)		0	Btuh
Latent gain(infiltration)		5345	Btuh
Latent gain(ventilation)		0	Btuh
Latent gain(internal/occupants/other)		1200	Btuh
Total latent gain		6545	Btuh
TOTAL HEAT GAIN		45717	Btuh



For Florida residences only

EnergyGauge® System Sizing

PREPARED BY: *Rebecca Auman*

DATE: 12-11-06

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Rebecca Auman

Project Title:

Code Only

Isaac Construction - Auman Res.

Professional Version

Lake City, FL 32024-

Climate: North

Reference City: Gainesville (Defaults) Winter Temperature Difference: 37.0 F

12/11/2006

Component Loads for Whole House

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft)	X	HTM=	Load
1	1, Clear, Metal, 1.27	SW	15.0		47.0	705 Btuh
2	1, Clear, Metal, 1.27	W	75.0		47.0	3524 Btuh
3	1, Clear, Metal, 1.27	NW	15.0		47.0	705 Btuh
4	1, Clear, Metal, 1.27	W	40.0		47.0	1880 Btuh
5	1, Clear, Metal, 1.27	N	15.0		47.0	705 Btuh
6	1, Clear, Metal, 1.27	N	6.0		47.0	282 Btuh
7	1, Clear, Metal, 1.27	N	20.0		47.0	940 Btuh
8	1, Clear, Metal, 1.27	E	60.0		47.0	2819 Btuh
9	1, Clear, Metal, 1.27	E	40.0		47.0	1880 Btuh
10	1, Clear, Metal, 1.27	E	9.0		47.0	423 Btuh
11	1, Clear, Metal, 1.27	S	16.0		47.0	752 Btuh
Window Total			311(sqft)			14614 Btuh
Walls	Type	R-Value	Area	X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1164		3.3	3823 Btuh
2	Frame - Wood - Adj(0.09)	13.0	349		3.3	1146 Btuh
Wall Total			1513			4969 Btuh
Doors	Type		Area	X	HTM=	Load
1	Insulated - Adjacent		20		12.9	259 Btuh
Door Total			20			259Btuh
Ceilings	Type/Color/Surface	R-Value	Area	X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	1650		1.2	1944 Btuh
Ceiling Total			1650			1944Btuh
Floors	Type	R-Value	Size	X	HTM=	Load
1	Slab On Grade	0	190.0 ft(p)		43.7	8295 Btuh
Floor Total			190			8295 Btuh
Zone Envelope Subtotal:						30081 Btuh
Infiltration	Type	ACH X	Zone Volume		CFM=	
	Natural	0.80	12536		167.1	6771 Btuh
Ductload	Proposed leak free, R6.0, Supply(Attic), Return(Attic) (DLM of 0.00)					0 Btuh
Zone #1	Sensible Zone Subtotal					36852 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Rebecca Auman

Project Title:

Code Only

Isaac Construction - Auman Res.

Professional Version

Lake City, FL 32024-

Climate: North

12/11/2006

WHOLE HOUSE TOTALS

	Subtotal Sensible	36852 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	36852 Btuh

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

(Frame types - metal, wood or insulated metal)

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

(HTM - ManualJ Heat Transfer Multiplier)

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



For Florida residences only

System Sizing Calculations - Winter

Residential Load - Room by Room Component Details

Rebecca Auman

Project Title:

Code Only

Isaac Construction - Auman Res.

Professional Version

Lake City, FL 32024-

Climate: North

Reference City: Gainesville (Defaults) Winter Temperature Difference: 37.0 F

12/11/2006

Component Loads for Zone #1: Main

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft)	X	HTM=	Load
1	1, Clear, Metal, 1.27	SW	15.0		47.0	705 Btuh
2	1, Clear, Metal, 1.27	W	75.0		47.0	3524 Btuh
3	1, Clear, Metal, 1.27	NW	15.0		47.0	705 Btuh
4	1, Clear, Metal, 1.27	W	40.0		47.0	1880 Btuh
5	1, Clear, Metal, 1.27	N	15.0		47.0	705 Btuh
6	1, Clear, Metal, 1.27	N	6.0		47.0	282 Btuh
7	1, Clear, Metal, 1.27	N	20.0		47.0	940 Btuh
8	1, Clear, Metal, 1.27	E	60.0		47.0	2819 Btuh
9	1, Clear, Metal, 1.27	E	40.0		47.0	1880 Btuh
10	1, Clear, Metal, 1.27	E	9.0		47.0	423 Btuh
11	1, Clear, Metal, 1.27	S	16.0		47.0	752 Btuh
Window Total			311(sqft)			14614 Btuh
Walls	Type	R-Value	Area	X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1164		3.3	3823 Btuh
2	Frame - Wood - Adj(0.09)	13.0	349		3.3	1146 Btuh
Wall Total			1513			4969 Btuh
Doors	Type		Area	X	HTM=	Load
1	Insulated - Adjacent		20		12.9	259 Btuh
Door Total			20			259Btuh
Ceilings	Type/Color/Surface	R-Value	Area	X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	1650		1.2	1944 Btuh
Ceiling Total			1650			1944Btuh
Floors	Type	R-Value	Size	X	HTM=	Load
1	Slab On Grade	0	190.0	ft(p)	43.7	8295 Btuh
Floor Total			190			8295 Btuh
Zone Envelope Subtotal:						30081 Btuh
Infiltration	Type	ACH X	Zone Volume	CFM=		
	Natural	0.80	12536	167.1		6771 Btuh
Ductload	Proposed leak free, R6.0, Supply(Attic), Return(Attic) (DLM of 0.00)					0 Btuh
Zone #1	Sensible Zone Subtotal					36852 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Rebecca Auman

Project Title:
Isaac Construction - Auman Res.

Code Only
Professional Version
Climate: North

Lake City, FL 32024-

12/11/2006

WHOLE HOUSE TOTALS

	Subtotal Sensible	36852 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	36852 Btuh

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

(Frame types - metal, wood or insulated metal)

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

(HTM - ManualJ Heat Transfer Multiplier)

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



For Florida residences only

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Rebecca Auman

Project Title:

Code Only

Isaac Construction - Auman Res.

Professional Version

Lake City, FL 32024-

Climate: North

Reference City: Gainesville (Defaults)

Summer Temperature Difference: 17.0 F

12/11/2006

Component Loads for Whole House

Window	Type*	Ornt	Overhang		Window Area(sqft)			HTM		Load
	Pn/SHGC/U/InSh/ExSh/IS		Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded	
1	1, Clear, 1.27, None,N,N	SW	1.5ft	9ft.	15.0	0.0	15.0	37	75	1125 Btuh
2	1, Clear, 1.27, None,N,N	W	1.5ft	9ft.	75.0	0.0	75.0	37	94	7053 Btuh
3	1, Clear, 1.27, None,N,N	NW	1.5ft	9ft.	15.0	0.0	15.0	37	72	1084 Btuh
4	1, Clear, 1.27, None,N,N	W	1.5ft	9ft.	40.0	0.0	40.0	37	94	3762 Btuh
5	1, Clear, 1.27, None,N,N	N	1.5ft	9ft.	15.0	0.0	15.0	37	37	562 Btuh
6	1, Clear, 1.27, None,N,N	N	1.5ft	9ft.	6.0	0.0	6.0	37	37	225 Btuh
7	1, Clear, 1.27, None,N,N	N	1.5ft	9ft.	20.0	0.0	20.0	37	37	749 Btuh
8	1, Clear, 1.27, None,N,N	E	1.5ft	9ft.	60.0	0.0	60.0	37	94	5643 Btuh
9	1, Clear, 1.27, None,N,N	E	6.5ft	11ft.	40.0	6.4	33.6	37	94	3401 Btuh
10	1, Clear, 1.27, None,N,N	E	1.5ft	9ft.	9.0	0.0	9.0	37	94	846 Btuh
11	1, Clear, 1.27, None,N,N	S	1.5ft	9ft.	16.0	16.0	0.0	37	43	599 Btuh
Excursion										1737 Btuh
Window Total					311 (sqft)					26787 Btuh
Walls	Type	R-Value/U-Value			Area(sqft)		HTM		Load	
1	Frame - Wood - Ext	13.0/0.09			1164.0		2.1		2428 Btuh	
2	Frame - Wood - Adj	13.0/0.09			349.0		1.5		527 Btuh	
Wall Total					1513 (sqft)				2954 Btuh	
Doors	Type				Area (sqft)		HTM		Load	
1	Insulated - Adjacent				20.0		9.8		196 Btuh	
Door Total					20 (sqft)				196 Btuh	
Ceilings	Type/Color/Surface	R-Value			Area(sqft)		HTM		Load	
1	Vented Attic/DarkShingle	30.0			1650.0		1.7		2732 Btuh	
Ceiling Total					1650 (sqft)				2732 Btuh	
Floors	Type	R-Value			Size		HTM		Load	
1	Slab On Grade	0.0			190 (ft(p))		0.0		0 Btuh	
Floor Total					190.0 (sqft)				0 Btuh	
Zone Envelope Subtotal:										32670 Btuh
Infiltration	Type	ACH			Volume(cuft)		CFM=		Load	
	SensibleNatural	0.70			12536		146.3		2722 Btuh	
Internal gain	Occupants			Btuh/occupant			Appliance		Load	
	6			X 230 +			2400		3780 Btuh	
Duct load	Proposed leak free, R6.0, Supply(Attic), Return(Attic)							DGM = 0.00		0.0 Btuh
Sensible Zone Load										39172 Btuh

Manual J Summer Calculations

Residential Load - Component Details (continued)

Rebecca Auman
Lake City, FL 32024-

Project Title:
Isaac Construction - Auman Res.

Code Only
Professional Version
Climate: North

12/11/2006

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	39172 Btuh
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	39172 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	39172 Btuh
	Latent infiltration gain (for 54 gr. humidity difference)	5345 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	0 Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	Latent total gain	6545 Btuh
	TOTAL GAIN	45717 Btuh

*Key: Window types (Pn - Number of panes of glass)
(SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(U - Window U-Factor or 'DEF' for default)
(InSh - Interior shading device: none(N), Blinds(B), Draperies(D) or Roller Shades(R))
(ExSh - Exterior shading device: none(N) or numerical value)
(BS - Insect screen: none(N), Full(F) or Half(H))
(Omt - compass orientation)



For Florida residences only

System Sizing Calculations - Summer

Residential Load - Room by Room Component Details

Rebecca Auman

Project Title:

Code Only

Isaac Construction - Auman Res.

Professional Version

Lake City, FL 32024-

Climate: North

Reference City: Gainesville (Defaults)

Summer Temperature Difference: 17.0 F

12/11/2006

Component Loads for Zone 01- Main

Window	Type*	Ornt	Overhang		Window Area(sqft)			HTM		Load		
	Pn/SHGC/U/InSh/ExSh/IS		Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded			
1	1, Clear, 1.27, None,N,N	SW	1.5ft	9ft.	15.0	0.0	15.0	37	75	1125	Btuh	
2	1, Clear, 1.27, None,N,N	W	1.5ft	9ft.	75.0	0.0	75.0	37	94	7053	Btuh	
3	1, Clear, 1.27, None,N,N	NW	1.5ft	9ft.	15.0	0.0	15.0	37	72	1084	Btuh	
4	1, Clear, 1.27, None,N,N	W	1.5ft	9ft.	40.0	0.0	40.0	37	94	3762	Btuh	
5	1, Clear, 1.27, None,N,N	N	1.5ft	9ft.	15.0	0.0	15.0	37	37	562	Btuh	
6	1, Clear, 1.27, None,N,N	N	1.5ft	9ft.	6.0	0.0	6.0	37	37	225	Btuh	
7	1, Clear, 1.27, None,N,N	N	1.5ft	9ft.	20.0	0.0	20.0	37	37	749	Btuh	
8	1, Clear, 1.27, None,N,N	E	1.5ft	9ft.	60.0	0.0	60.0	37	94	5643	Btuh	
9	1, Clear, 1.27, None,N,N	E	6.5ft	11ft.	40.0	6.4	33.6	37	94	3401	Btuh	
10	1, Clear, 1.27, None,N,N	E	1.5ft	9ft.	9.0	0.0	9.0	37	94	846	Btuh	
11	1, Clear, 1.27, None,N,N	S	1.5ft	9ft.	16.0	16.0	0.0	37	43	599	Btuh	
	Excursion									1737	Btuh	
	Window Total				311 (sqft)					26787	Btuh	
Walls	Type		R-Value/U-Value		Area(sqft)			HTM		Load		
1	Frame - Wood - Ext		13.0/0.09		1164.0			2.1		2428 Btuh		
2	Frame - Wood - Adj		13.0/0.09		349.0			1.5		527 Btuh		
	Wall Total				1513 (sqft)					2954 Btuh		
Doors	Type				Area (sqft)			HTM		Load		
1	Insulated - Adjacent				20.0			9.8		196 Btuh		
	Door Total				20 (sqft)					196 Btuh		
Ceilings	Type/Color/Surface		R-Value		Area(sqft)			HTM		Load		
1	Vented Attic/DarkShingle		30.0		1650.0			1.7		2732 Btuh		
	Ceiling Total				1650 (sqft)					2732 Btuh		
Floors	Type		R-Value		Size			HTM		Load		
1	Slab On Grade		0.0		190 (ft(p))			0.0		0 Btuh		
	Floor Total				190.0 (sqft)					0 Btuh		
			Zone Envelope Subtotal:								32670 Btuh	
Infiltration	Type		ACH		Volume(cuft)			CFM=		Load		
	SensibleNatural		0.70		12536			146.3		2722 Btuh		
Internal gain			Occupants		Btuh/occupant			Appliance		Load		
			6		X 230 +			2400		3780 Btuh		
Duct load	Proposed leak free, R6.0, Supply(Attic), Return(Attic)							DGM = 0.00		0.0 Btuh		
			Sensible Zone Load								39172 Btuh	

Manual J Summer Calculations

Residential Load - Component Details (continued)

Rebecca Auman

Project Title:
Isaac Construction - Auman Res.

Code Only
Professional Version
Climate: North

Lake City, FL 32024-

12/11/2006

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	39172 Btuh
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	39172 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	39172 Btuh
	Latent infiltration gain (for 54 gr. humidity difference)	5345 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	0 Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	Latent total gain	6545 Btuh
	TOTAL GAIN	45717 Btuh

*Key: Window types (Pn - Number of panes of glass)
(SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(U - Window U-Factor or 'DEF' for default)
(InSh - Interior shading device: none(N), Blinds(B), Draperies(D) or Roller Shades(R))
(ExSh - Exterior shading device: none(N) or numerical value)
(BS - Insect screen: none(N), Full(F) or Half(H))
(Ornt - compass orientation)



For Florida residences only

Residential Window Diversity

MidSummer

Rebecca Auman

Project Title:
Isaac Construction - Auman Res.

Lake City, FL 32024-

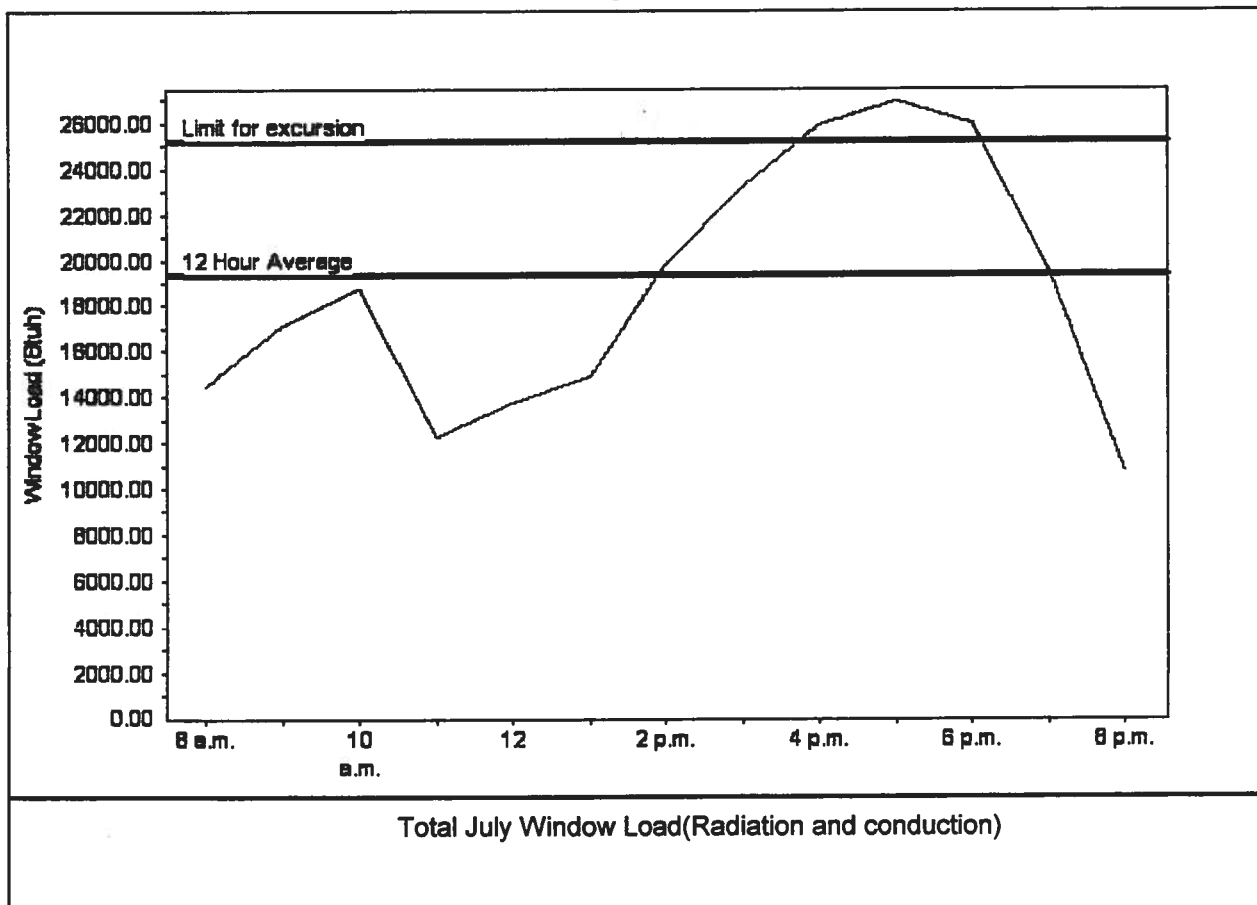
Code Only
Professional Version
Climate: North

12/11/2006

Weather data for: Gainesville - Defaults

Summer design temperature	92 F	Average window load for July	19388 Btu
Summer setpoint	75 F	Peak window load for July	26942 Btu
Summer temperature difference	17 F	Excursion limit(130% of Ave.)	25205 Btu
Latitude	29 North	Window excursion (July)	1737 Btuh

WINDOW Average and Peak Loads



Warning: This application has glass areas that produce relatively large heat gains for part of the day. Variable air volume devices may be required to overcome spikes in solar gain for one or more rooms. A zoned system may be required or some rooms may require zone control.

EnergyGauge® System Sizing for Florida residences only

PREPARED BY: _____

DATE: _____

EnergyGauge® FLRCPB v4.1



PRODUCT APPROVAL SPECIFICATION SHEET

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products.

Category/Subcategory	Manufacturer	Product Description	Approval Number
1. EXTERIOR DOORS			
A. SWINGING	PlastPRO INC	3068 x 6068 Fiberglass	4760.1 & 2
B. SLIDING	CAPITAL	8065	7055.1
C. SECTIONAL	Raynor	Classic Sectional Garage Door	FL-3070
D. ROLL UP	Janus	Model 3100 - Rolling Sheet Door	FL-2274
E. AUTOMATIC			
F. OTHER			
2. WINDOWS			
A. SINGLE HUNG	CAPITAL	48x84	6029.7
B. HORIZONTAL SLIDER	CAPITAL	126x59	6024.4
C. CASEMENT			
D. DOUBLE HUNG	Danrio	Single Hung windows	FL1369
E. FIXED	CAPITAL	96x72	6028.20
F. AWNING			
G. PASS THROUGH			
H. PROJECTED			
I. MULLION			
J. WIND BREAKER			
K. DUAL ACTION			
L. OTHER			
3. PANEL WALL			
A. SIDING	Alcoa	vinyl siding	FL1621
B. SOFFITS	ASI Building Pro.	Aluminum & vinyl soffit	FL5546 1 & 2
C. EIFS			
D. STOREFRONTS			
E. CURTAIN WALLS			
F. WALL LOUVER			
G. GLASS BLOCK			
H. MEMBRANE			
I. GREENHOUSE			
J. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES	Tamko	30-year shingles asphalt	FL673
B. UNDERLAYMENTS			
C. ROOFING FASTENERS			
D. NON-STRUCTURAL METAL ROOFING			
E. WOOD SHINGLES AND SHAKES			
F. ROOFING TILES			
G. ROOFING INSULATION			
H. WATERPROOFING			

I. BUILT UP ROOFING ROOF SYSTEMS			
J. MODIFIED BITUMEN			
K. SINGLE PLY ROOF SYSTEMS			
L. ROOFING SLATE			
M. CEMENTS-ADHESIVES COATINGS			

Category/Subcategory	Manufacturer	Product Description	Approval Number
N. LIQUID APPLIED ROOF SYSTEMS			
O. ROOF TILE ADHESIVE			
P. SPRAY APPLIED POLYURETHANE ROOF			
Q. OTHER			
5. SHUTTERS			
A. ACCORDION			
B. BAHAMA			
C. STORM PANELS			
D. COLONIAL			
E. ROLL-UP			
F. EQUIPMENT			
G. OTHERS			
6. SKYLIGHTS			
A. SKYLIGHT			
B. OTHER			
7. STRUCTURAL COMPONENTS			
A. WOOD CONNECTORS/ ANCHORS	Simpson Strong	Wood connectors/anchors	FL1474
B. TRUSS PLATES	Alpine Engineered	Product - Alpine Truss Plates	FL999
C. ENGINEERED LUMBER	LPEWP	Laminated Beams, I Joist	FL1511
D. RAILING			
E. COOLERS-FREEZERS			
F. CONCRETE ADMIXTURES			
G. MATERIAL			
H. INSULATION FORMS			
I. PLASTICS			
J. DECK-ROOF			
K. WALL			
L. SHEDS			
M. OTHER			
8. NEW EXTERIOR ENVELOPE PRODUCTS			
A.			
B.			

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of the products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) the performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements. Further, I understand these products may have to be removed if approval cannot be demonstrated during inspection.

APPLICANT SIGNATURE

DATE

L:/GENERAL/STATEPROD.XLS

COLUMBIA COUNTY BUILDING DEPARTMENT

Revised 10-01-05

RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2004 and FLORIDA RESIDENTIAL CODE 2004 WITH AMENDMENTS ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS ARE SUBJECT TO CHANGE
EFFECTIVE OCTOBER 1, 2005

ALL BUILDING PLANS MUST INDICATE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 16 OF THE FLORIDA BUILDING CODE 2004 BY PROVIDING CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS. FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEED AS PER FIGURE 1609 SHALL BE USED.

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF INTERSTATE 75.

1. ALL BUILDINGS CONSTRUCTED EAST OF SAID LINE SHALL BE _____ 100 MPH
2. ALL BUILDINGS CONSTRUCTED WEST OF SAID LINE SHALL BE _____ 110 MPH
3. NO AREA IN COLUMBIA COUNTY IS IN A WIND BORNE DEBRIS REGION

APPLICANT - PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

GENERAL REQUIREMENTS: Two (2) complete sets of plans containing the following:

Applicant Plans Examiner

☒ ☐

☒ ☐

☒ ☐

☒ ☐

All drawings must be clear, concise and drawn to scale ("Optional" details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans. Designers name and signature on document (FBC 106.1). If licensed architect or engineer, official seal shall be affixed.

Site Plan including:

- a) Dimensions of lot
- b) Dimensions of building set backs
- c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements.
- d) Provide a full legal description of property.

Wind-load Engineering Summary, calculations and any details required Plans or specifications must state compliance with FBC Section 1609.

The following information must be shown as per section 1603.1.4 FBC

- a. Basic wind speed (3-second gust), miles per hour (km/hr).
- b. Wind importance factor, I_w , and building classification from Table 1604.5 or Table 6-1, ASCE 7 and building classification in Table 1-1, ASCE 7.
- c. Wind exposure, if more than one wind exposure is utilized, the wind exposure and applicable wind direction shall be indicated.
- d. The applicable enclosure classifications and, if designed with ASCE 7, internal pressure coefficient.
- e. Components and Cladding. The design wind pressures in terms of psf (kN/m^2) to be used for the design of exterior component and cladding materials not specifically designed by the registered design professional.

Elevations including:

- a) All sides
- b) Roof pitch
- c) Overhang dimensions and detail with attic ventilation

☒ ☐
☒ ☐
☒ ☐

[illegible]

Floor Plan including:

- c) Show product approval specification as required by Fla. Statute 553.842 and Fla. Administrative Code 9B-72 (see attach forms).
 - d) Show safety glazing of glass, where required by code.
 - e) Identify egress windows in bedrooms, and size.
 - f) Fireplace (gas vented), (gas non-vented) or wood burning with hearth, (Please circle applicable type).
 - g) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails.
 - h) Must show and identify accessibility requirements (accessible bathroom)
- Foundation Plan including:**

Foundation Plan including:

Roof System:

1. Truss layout and truss details signed and sealed by Fl. Pro. Eng.
 2. Roof assembly (FBC 106.1.1.2)Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
- b) Conventional Framing Layout including:
1. Rafter size, species and spacing
 2. Attachment to wall and uplift
 3. Ridge beam sized and valley framing and support details
 4. Roof assembly (FBC 106.1.1.2)Roofing systems, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

Wall Sections including:

1. All materials making up wall
2. Block size and mortar type with size and spacing of reinforcement
3. Lintel, tie-beam sizes and reinforcement
4. Gable ends with rafter beams showing reinforcement or gable truss and wall bracing details
5. All required connectors with uplift rating and required number and size of fasteners for continuous tie from roof to foundation shall be designed by a Windload engineer using the engineered roof truss plans.
6. Roof assembly shown here or on roof system detail (FBC 106.1.1.2) Roofing system, materials, manufacturer, fastening requirements and product evaluation with resistance rating)
7. Fire resistant construction (if required)
8. Fireproofing requirements
9. Shoe type of termite treatment (termiteicide or alternative method)
10. Slab on grade
 - a. Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)
 - b. Must show control joints, synthetic fiber reinforcement or Welded fire fabric reinforcement and supports
11. Indicate where pressure treated wood will be placed
12. Provide insulation R value for the following:

- a. Attic space
- b. Exterior wall cavity
- c. Crawl space (if applicable)

b) Wood frame wall

1. All materials making up wall
2. Size and species of studs
3. Sheathing size, type and nailing schedule
4. Headers sized
5. Gable end showing balloon framing detail or gable truss and wall hinge bracing detail
6. All required fasteners for continuous tie from roof to foundation (truss anchors, straps, anchor bolts and washers) shall be designed by a Windload engineer using the engineered roof truss plans.
7. Roof assembly shown here or on roof system detail (FBC 106.1.1.2) Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
8. Fire resistant construction (if applicable)
9. Fireproofing requirements
10. Show type of termite treatment (termiticide or alternative method)
11. Slab on grade
 - a. Vapor retarder (6Mil. Polyethylene with joints lapped 6 inches and sealed
 - b. Must show control joints, synthetic fiber reinforcement or welded wire fabric reinforcement and supports
12. Indicate where pressure treated wood will be placed
13. Provide insulation R value for the following:
 - a. Attic space
 - b. Exterior wall cavity
 - c. Crawl space (if applicable)

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

Floor Framing System:

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

Plumbing Fixture layout

Electrical layout including:

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

HVAC information

- a) Energy Calculations (dimensions shall match plans)
- b) Manual J sizing equipment or equivalent computation
- c) Gas System Type (LP or Natural) Location and BTU demand of equipment

Disclosure Statement for Owner Builders

*****Notice Of Commencement Required Before Any Inspections Will Be Done Private Potable Water**

FOR MAC DYE ☐ Urgent

DATE _____ TIME _____ A.M. P.M.

While You Were Out


M LO OF REDUPT BLUEPRINTS

PHONE _____ AREA CODE _____ NUMBER _____ EXTENSION _____

TELEPHONED		PLEASE CALL	
CAME TO SEE YOU		WILL CALL AGAIN	
RETURNED YOUR CALL		WANTS TO SEE YOU	

MESSAGE _____

561. 329. 4222.
I W spoke Ranney 2.23.1
HE CANNOT allow print
to be copied
I W called & advised Reigurgis
on 2.23.16. - HE said he

SIGNED W.D. Easton  adams 9711

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name: **Isaac Construction - Auman Res.**
Address: **Lot: 57, Sub: Emerald Cove, Plat:**
City, State: **Lake City, FL 32024-**
Owner: **Rebecca Auman**
Climate Zone: **North**

Builder: **Isaac Construction**
Permitting Office: **Columbia**
Permit Number: **25410**
Jurisdiction Number: **221000**

1. New construction or existing	New	___	12. Cooling systems		
2. Single family or multi-family	Single family	___	a. Central Unit	Cap: 44.0 kBtu/hr	___
3. Number of units, if multi-family	1	___		SEER: 13.00	___
4. Number of Bedrooms	3	___	b. N/A		___
5. Is this a worst case?	No	___	c. N/A		___
6. Conditioned floor area (ft²)	1567 ft²	___			___
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		___	13. Heating systems		
a. U-factor:	Description Area		a. Electric Heat Pump	Cap: 44.0 kBtu/hr	___
(or Single or Double DEFAULT) 7a(Sngle Default)	311.0 ft²	___		HSPF: 7.40	___
b. SHGC:		___	b. N/A		___
(or Clear or Tint DEFAULT) 7b. (Clear)	311.0 ft²	___	c. N/A		___
8. Floor types		___			___
a. Slab-On-Grade Edge Insulation	R=0.0, 190.0(p) ft	___	14. Hot water systems		
b. N/A		___	a. Electric Resistance	Cap: 50.0 gallons	___
c. N/A		___		EF: 0.90	___
9. Wall types		___	b. N/A		___
a. Frame, Wood, Exterior	R=13.0, 1164.0 ft²	___	c. Conservation credits		___
b. Frame, Wood, Adjacent	R=13.0, 349.0 ft²	___	(HR-Heat recovery, Solar		___
c. N/A		___	DHP-Dedicated heat pump)		___
d. N/A		___	15. HVAC credits	PT, ___	___
e. N/A		___	(CF-Ceiling fan, CV-Cross ventilation,		___
10. Ceiling types		___	HF-Whole house fan,		___
a. Under Attic	R=30.0, 1650.0 ft²	___	PT-Programmable Thermostat,		___
b. N/A		___	MZ-C-Multizone cooling,		___
c. N/A		___	MZ-H-Multizone heating)		___
11. Ducts(Leak Free)		___			___
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 45.0 ft	___			___
b. N/A		___			___

Glass/Floor Area: 0.20

Total as-built points: 24354

Total base points: 24603

PASS

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

PREPARED BY: *Isaac Construction*

DATE: 12-11-06

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: _____



¹ Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.

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

ADDRESS: Lot: 57, Sub: Emerald Cove, Plat: , Lake City, FL, 32024-

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	1567.0	20.04	5652.5	Single, Clear	SW	1.5	9.0	15.0	45.75	0.96	660.7
				Single, Clear	W	1.5	9.0	75.0	43.84	0.97	3190.4
				Single, Clear	NW	1.5	9.0	15.0	29.42	0.97	429.8
				Single, Clear	W	1.5	9.0	40.0	43.84	0.97	1701.5
				Single, Clear	N	1.5	9.0	15.0	21.73	0.98	318.0
				Single, Clear	N	1.5	9.0	6.0	21.73	0.98	127.2
				Single, Clear	N	1.5	9.0	20.0	21.73	0.98	424.0
				Single, Clear	E	1.5	9.0	60.0	47.92	0.97	2788.2
				Single, Clear	E	6.5	11.0	40.0	47.92	0.67	1282.5
				Single, Clear	E	1.5	9.0	9.0	47.92	0.97	418.2
				Single, Clear	S	1.5	9.0	16.0	40.81	0.94	616.5
				As-Built Total:			311.0			11957.0	
WALL TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	349.0	0.70	244.3	Frame, Wood, Exterior	13.0		1164.0	1.50	1746.0		
Exterior	1164.0	1.70	1978.8	Frame, Wood, Adjacent	13.0		349.0	0.60	209.4		
Base Total:				As-Built Total:			1513.0			1955.4	
DOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	20.0	1.60	32.0	Adjacent Insulated			20.0	1.60	32.0		
Exterior	0.0	0.00	0.0								
Base Total:				As-Built Total:			20.0			32.0	
CEILING TYPES Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points				
Under Attic	1567.0	1.73	2710.9	Under Attic	30.0		1650.0	1.73 X 1.00	2854.5		
Base Total:				As-Built Total:			1650.0			2854.5	
FLOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Slab	190.0(p)	-37.0	-7030.0	Slab-On-Grade Edge Insulation	0.0		190.0(p)	-41.20	-7828.0		
Raised	0.0	0.00	0.0								
Base Total:				As-Built Total:			190.0			-7828.0	
INFILTRATION Area X BSPM = Points							Area X SPM = Points				
							1567.0 10.21 15999.1				

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

ADDRESS: Lot: 57, Sub: Emerald Cove, Plat: , Lake City, FL, 32024-

PERMIT #:

BASE				AS-BUILT						
Summer Base Points: 19587.6				Summer As-Built Points: 24970.0						
Total Summer Points	X System Multiplier	=	Cooling Points	Total Component (System - Points)	X Cap Ratio (DM x DSM x AHU)	X Duct Multiplier	X System Multiplier	X Credit Multiplier	=	Cooling Points
19587.6	0.4266		8356.1	(sys 1: Central Unit 44000 btuh , SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Gar(AH),R6.0(INS) 24970	1.00	(1.09 x 1.000 x 1.00)	0.263	0.950		6788.3
				24970.0	1.00	1.090	0.263	0.950		6788.3

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 57, Sub: Emerald Cove, Plat: , Lake City, FL, 32024-

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	1567.0	12.74	3593.4	Single, Clear	SW	1.5	9.0	15.0	24.09	1.02	368.8
				Single, Clear	W	1.5	9.0	75.0	28.84	1.01	2180.1
				Single, Clear	NW	1.5	9.0	15.0	32.93	1.00	493.9
				Single, Clear	W	1.5	9.0	40.0	28.84	1.01	1162.7
				Single, Clear	N	1.5	9.0	15.0	33.22	1.00	498.5
				Single, Clear	N	1.5	9.0	6.0	33.22	1.00	199.4
				Single, Clear	N	1.5	9.0	20.0	33.22	1.00	664.7
				Single, Clear	E	1.5	9.0	60.0	26.41	1.02	1609.3
				Single, Clear	E	6.5	11.0	40.0	26.41	1.15	1219.0
				Single, Clear	E	1.5	9.0	9.0	26.41	1.02	241.4
				Single, Clear	S	1.5	9.0	16.0	20.24	1.02	331.4
				As-Built Total:							

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

ADDRESS: Lot: 57, Sub: Emerald Cove, Plat: , Lake City, FL, 32024-

PERMIT #:

BASE				AS-BUILT						
Winter Base Points: 13295.5				Winter As-Built Points: 20268.6						
Total Winter Points	X	System Multiplier	= Heating Points	Total Component (System - Points)	X Cap Ratio (DM x DSM x AHU)	X Duct Multiplier	X System Multiplier	X Credit Multiplier	= Heating Points	
13295.5		0.6274	8341.6	(sys 1: Electric Heat Pump 44000 btuh , EFF(7.4) Ducts:Unc(S),Unc(R),Gar(AH),R6.0 20268.6 1.000 (1.069 x 1.000 x 1.00) 0.461 0.950 9485.2 20268.6 1.00 1.069 0.461 0.950 9485.2						

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

ADDRESS: Lot: 57, Sub: Emerald Cove, Plat: , Lake City, FL, 32024-

PERMIT #:

BASE				AS-BUILT					
WATER HEATING				Tank	EF	Number of	X	Tank	X
Number of	X	Multiplier	=	Volume		Bedrooms		Ratio	Multiplier
Bedrooms			Total						Total
3		2635.00	7905.0	50.0	0.90	3		1.00	2693.56
									1.00
									8080.7
									8080.7
				As-Built Total:					

CODE COMPLIANCE STATUS									
BASE					AS-BUILT				
Cooling	+	Heating	+	Hot Water	=	Cooling	+	Heating	=
Points		Points		Points	Total	Points		Points	Total
					Points				Points
8356		8342		7905	24603	6788		9485	24354

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 57, Sub: Emerald Cove, Plat: , Lake City, FL, 32024-

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 612.1.ABC.3.2. 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.	

Tested sealed ducts must be certified in this house.

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 83.4

The higher the score, the more efficient the home.

Rebecca Auman, Lot: 57, Sub: Emerald Cove, Plat: , Lake City, FL, 32024-

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 44.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 13.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	No	c. N/A	
6. Conditioned floor area (ft ²)	1567 ft ²		
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		13. Heating systems	
a. U-factor:	Description Area	a. Electric Heat Pump	Cap: 44.0 kBtu/hr
(or Single or Double DEFAULT) 7a(Sngle Default)	311.0 ft ²		HSPF: 7.40
b. SHGC:		b. N/A	
(or Clear or Tint DEFAULT) 7b. (Clear)	311.0 ft ²	c. N/A	
8. Floor types			
a. Slab-On-Grade Edge Insulation	R=0.0, 190.0(p) ft	14. Hot water systems	
b. N/A		a. Electric Resistance	Cap: 50.0 gallons
c. N/A			EF: 0.90
9. Wall types		b. N/A	
a. Frame, Wood, Exterior	R=13.0, 1164.0 ft ²	c. Conservation credits	
b. Frame, Wood, Adjacent	R=13.0, 349.0 ft ²	(HR-Heat recovery, Solar	
c. N/A		DHP-Dedicated heat pump)	
d. N/A		15. HVAC credits	PT,
e. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
10. Ceiling types		HF-Whole house fan,	
a. Under Attic	R=30.0, 1650.0 ft ²	PT-Programmable Thermostat,	
b. N/A		MZ-C-Multizone cooling,	
c. N/A		MZ-H-Multizone heating)	
11. Ducts(Leak Free)			
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 45.0 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 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 at 850/487-1824.*

¹ Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.
EnergyGauge® (Version: FLRCPB v4.1)

Energy Code Compliance

Duct System Performance Report

Project Name: Isaac Construction - Auman Res. Address: City, State: Lake City, FL 32024- Owner: Rebecca Auman Climate Zone: North	Builder: Isaac Construction Permitting Office: Permit Number: Jurisdiction Number:
--	---

Total Duct System Leakage Test Results

CFM25 Total Duct Leakage Test Values			
Line	System	Duct Leakage Total	Duct Leakage to Outdoors
1	System1	_____ cfm25(tot)	_____ cfm25(out)
2	System2	_____ cfm25(tot)	_____ cfm25(out)
3	System3	_____ cfm25(tot)	_____ cfm25(out)
4	System4	_____ cfm25(tot)	_____ cfm25(out)
5	Total House Duct System Leakage	Sum lines 1-4 _____ Divide by _____ (Total Conditioned Floor Area) = _____ (Q _{n,tot}) <input type="checkbox"/> Receive credit if Q _{n,tot} ≤ 0.03	Sum lines 1-4 _____ Divide by _____ (Total Conditioned Floor Area) = _____ (Q _{n,out}) <input type="checkbox"/> Receive credit if Q _{n,out} ≤ 0.03 AND Q _{n,tot} ≤ 0.09

I hereby certify that the above duct testing performance results demonstrate compliance with the Florida Energy Code requirements in accordance with Section 610.1.A.1, Florida Building Code, Building Volume, Chapter 13 for leak free duct system credit.

Signature: _____
Printed Name: _____
Florida Rater Certification #: _____
DATE: _____

Florida Building Code requires that testing to confirm leak free duct systems be performed by a Class 1 Florida Energy Gauge Certified Energy Rater. Certified Florida Class 1 raters can be found at: <http://energygauge.com/search.htm>



BUILDING OFFICIAL: _____
DATE: _____



Engineers • Planners

161 N.W. Madison St., Suite 102

Lake City, Florida 32055

Tel: 386-758-4209

Fax: 386-758-4290

25410

January 19, 2007

Columbia County Building and Zoning

RE: Isaac Construction Lot # 56 Emerald Cove Phase II SW Fieldstone Court, Lake City, FL

To whom it may concern:

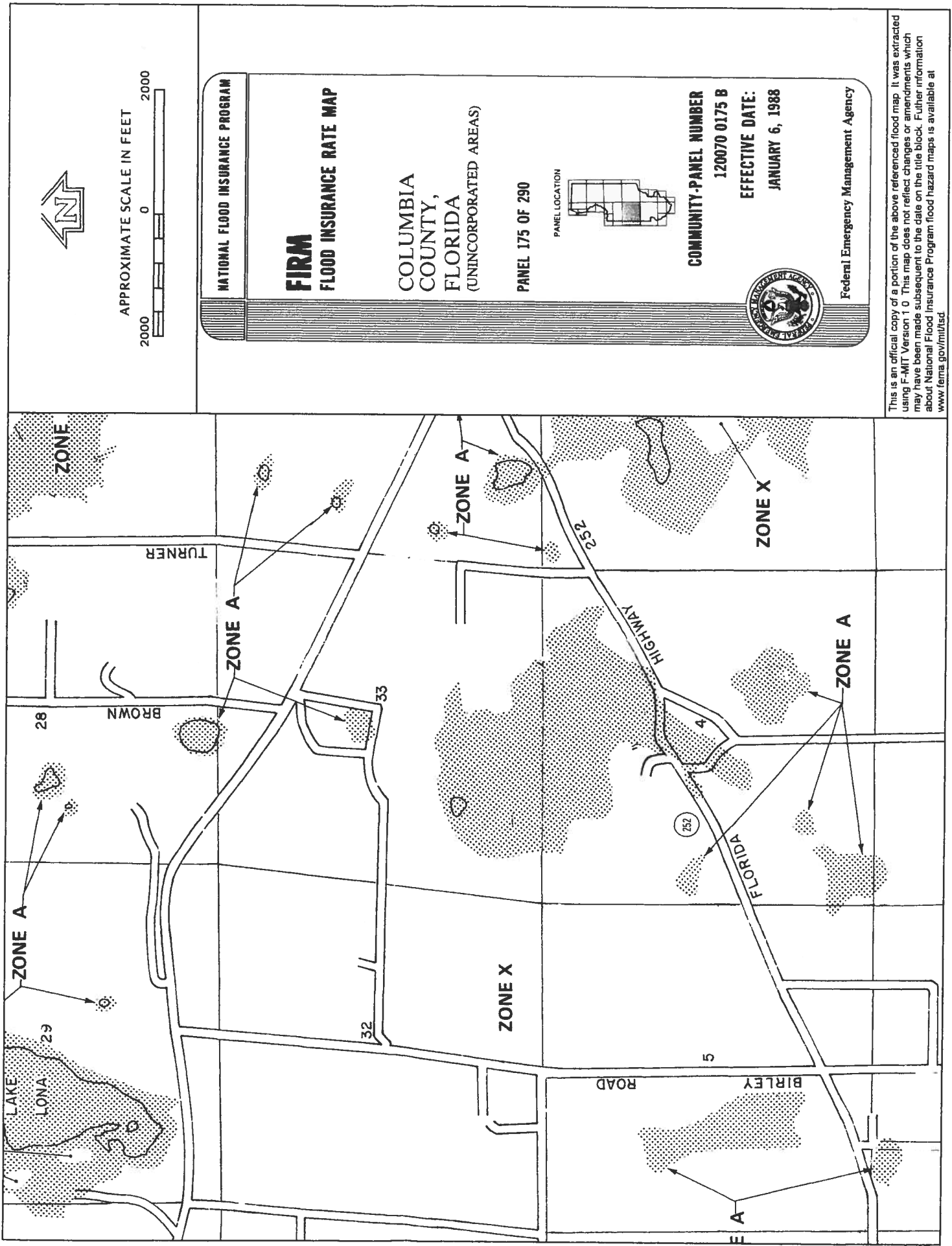
I have reviewed the Flood Insurance Rate Map and have determined the property is not located in a flood zone. I have performed a site evaluation of the existing area. I certify that placing the finished floor elevation at least 12" above finished grade is adequate to prevent flood and water damage. Grade the perimeter so that all runoff drains away from the building.

Sincerely,

William H. Freeman, P.E. #56001

President

Cert. Of Authorization #00008701



This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT Version 1.0. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. Further information about National Flood Insurance Program flood hazard maps is available at www.fema.gov/nifm/fis



25410

Lake City (386) 755-3611
Gainesville (352) 494-5751
Fax (386) 755-3885
Toll Free 1-800-616-4707

Notice of Intent for Preventative Treatment for Termites
(As required by Florida Building Code (FBC) 104.2.6)

Aspen Pest Control, Inc.
(386) 755-3611
State License # - JB109476
State Certification # - JF104376

Emerald Cove - Lot # 56 Fieldstone - Lake City, Fl. 32025
Address of Treatment or Lot/Block of Treatment

Bora-Care Wood Treatment - 23% Disodium Octaborate Tetrahydrate

Method of Termite Prevention Treatment - Soil Barrier, Wood Treatment, Bait System, Other

Application onto Structural Wood

Description of Treatment

The above named structure will receive a complete treatment for the prevention of subterranean termites at the dried-in stage of construction. Treatment is done in accordance with the rules and laws established by the Florida Department of Agriculture and Consumer Services and according to EPA registered label directions as stated in Florida Building Code Section 1861.1.8.


Authorized Signature

12/13/06
Date

Columbia County Building Department Culvert Permit

Culvert Permit No.
000001303

DATE 01/16/2007 PARCEL ID # 33-3S-16-02438-156

APPLICANT ROXANNE NAPIER PHONE 719-7143

ADDRESS 2109 W US HIGHWAY 90 LAKE CITY FL 32055

OWNER ISAAC HOLDINGS PHONE 719-7143

ADDRESS 376 SW FIELDSTONE COURT LAKE CITY FL 32055

CONTRACTOR ISAAC CONSTRUCTION PHONE 719-7143

LOCATION OF PROPERTY 90W, TL ON HEATHRIDGE, TR ON FIELDSTONE, TO THE END ON RIGHT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT EMERALD COVE 56 2

SIGNATURE

Roxanne Napier

INSTALLATION REQUIREMENTS

☒ X

Culvert size will be 18 inches in diameter with a total length of 32 feet, leaving 24 feet of driving surface. Both ends will be mitered 4 foot with a 4 : 1 slope and poured with a 4 inch thick reinforced concrete slab.

INSTALLATION NOTE: Turnouts will be required as follows:

- a) a majority of the current and existing driveway turnouts are paved, or;
 - b) the driveway to be served will be paved or formed with concrete.
- Turnouts shall be concrete or paved a minimum of 12 feet wide or the width of the concrete or paved driveway, whichever is greater. The width shall conform to the current and existing paved or concreted turnouts.

☐

Culvert installation shall conform to the approved site plan standards.

☐

Department of Transportation Permit installation approved standards.

☐

Other _____

**ALL PROPER SAFETY REQUIREMENTS SHOULD BE FOLLOWED
DURING THE 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 Record

OMB Approval No. 2502-0525

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: 321 N.W. Cole Terrace, Suite 107 City Lake City State FL Zip 32055
Company Business License No. JB109476 Company Phone No. 386-755-3611 • 352-494-5751
FHA/VA Case No. (if any) _____

Section 2: Builder Information

Company Name: Texas Tech Company Phone No. _____

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) 376 SW 7th Avenue, #1
Sub. 7-1, #1

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

Section 4: Treatment Information

Date(s) of Treatment(s) 3-8-07
Brand Name of Product(s) Used Bora-Terms
EPA Registration No. 64405-1
Approximate Final Mix Solution % 0.23%
Approximate Size of Treatment Area: Sq. ft. 2275 Linear ft. _____ Linear ft. of Masonry Voids _____
Approximate Total Gallons of Solution Applied 6
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 Treated all walls

Name of Applicator(s) Steve Brunner Certification No. (if required by State law) _____

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 Brunner Date 3-8-07

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 FLORIDA DEPARTMENT OF BUILDING AND ZONING INSPECTION

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 33-3S-16-02438-156

Building permit No. 000025410

Use Classification SFD, UTILITY

Fire: 22.32

Permit Holder ISAAC CONSTRUCTION

Waste: 67.00

Owner of Building ISAAC HOLDINGS

Total: 89.32

Location: 376 SW FIEDSTONE CT, LAKE CITY, FL

Date: 06/19/2007

Thany Dicks

Building Inspector



POST IN A CONSPICUOUS PLACE
(Business Places Only)