

Notice of Treatment

11699

Applicator: **Florida Pest Control & Chemical Co. (www.flapest.com)**

Address: _____

City: _____

Phone: _____

Site Location: Subdivision _____

Lot # _____

Block# _____

Permit # _____

Address _____

Product used

Active Ingredient

% Concentration

☐ Dursban TC

Chlorpyrifos

0.5%

☐ Termidor

Fipronil

0.06%

☒ Bora-Care

Disodium Octaborate Tetrahydrate

23.0%

Type treatment:

☐ Soil

☒ Wood

Area Treated

Square feet

Linear feet

Gallons Applied

Dwelling

1929

569

4

As per Florida Building Code 104.2.6 – If soil chemical barrier method for termite prevention is used, final exterior treatment shall be completed prior to final building approval.

If this notice is for the final exterior treatment, initial this line _____.

10/29/05
Date

0800
Time

Fryer Gundy
Print Technician's Name

Remarks: _____

Applicator - White

Permit File - Canary

Permit Holder - Pink

6/04

©

Notice of Intent for Preventative Treatment for Termites

(As required by Florida Building Code 104.2.6)

Date: 8-31-05

COUNTY STARS
LOT 38

216 SE GREGORY AVE

LAKE CITY

(Address of Treatment or Lot/Block of Treatment)

City

Florida Pest Control & Chemical Co.

www.flapest.com

Product to be used: Bora-Care Termiticide (Wood Treatment)

Chemical to be used: 23% Disodium Octaborate Tetrahydrate

Application will be performed onto structural wood at dried-in stage of construction.
Bora-Care Termiticide application shall be applied according to EPA registered label
directions as stated in the Florida Building Code Section 1861.1.8

(Information to be provided to local building code offices prior to concrete
foundation installation.)

DATE 09/22/2005

Columbia County Building Permit**PERMIT**

This Permit Expires One Year From the Date of Issue

000023641

APPLICANT SUSAN FAIR PHONE 752-5218

ADDRESS 180 NW AMENITY COURT LAKE CITY FL 32055

OWNER ERIC & ELIZABETH DUNN PHONE 755-7432

ADDRESS 216 SE GREGORY GLEN LAKE CITY FL 32025

CONTRACTOR BRYAN ZECHER PHONE 752-8653

LOCATION OF PROPERTY BAYA, TR ON OLD COUNTRY CLUB ROAD, TL ON VICTORIA GLEN,
4TH LOT ON RIGHT

TYPE DEVELOPMENT SFD, UTILITY ESTIMATED COST OF CONSTRUCTION 70000.00

HEATED FLOOR AREA 1400.00 TOTAL AREA 1929.00 HEIGHT .00 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB

LAND USE & ZONING RSF-2 MAX. HEIGHT 16

Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00

NO. EX.D.U. 0 FLOOD ZONE X PP DEVELOPMENT PERMIT NO. _____

PARCEL ID 15-4S-17-08359-128 SUBDIVISION COUNTRY SIDE ESTATES

LOT 28 BLOCK _____ PHASE _____ UNIT _____ TOTAL ACRES _____

000000824 _____ CBC054575 _____ *Susan Fair*

Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor

CULVERT 05-0927-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

ALTERNATE TERMIT TREATMENT RECEIVED _____

Check # or Cash 1854**FOR BUILDING & ZONING DEPARTMENT ONLY**

(footer/Slab)

Temporary Power _____ Foundation _____ Monolithic _____
date/app. by date/app. by date/app. by

Under slab rough-in plumbing _____ Slab _____ Sheathing/Nailing _____
date/app. by date/app. by date/app. by

Framing _____ Rough-in plumbing above slab and below wood floor _____
date/app. by date/app. by

Electrical rough-in _____ Heat & Air Duct _____ Peri. beam (Lintel) _____
date/app. by date/app. by date/app. by

Permanent power _____ C.O. Final _____ Culvert _____
date/app. by date/app. by date/app. by

M/H tie downs, blocking, electricity and plumbing _____ Pool _____
date/app. by date/app. by

Reconnection _____ Pump pole _____ Utility Pole _____
date/app. by date/app. by date/app. by

M/H Pole _____ Travel Trailer _____ Re-roof _____
date/app. by date/app. by date/app. by

BUILDING PERMIT FEE \$ 350.00 CERTIFICATION FEE \$ 9.64 SURCHARGE FEE \$ 9.64

MISC. FEES \$.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ _____ WASTE FEE \$ _____

FLOOD ZONE DEVELOPMENT FEE \$ 6 CULVERT FEE \$ 25.00 **TOTAL FEE** 444.28

Columbia County Building Permit Application

#1854

Revised 9-23-04

For Office Use Only Application # 0509-07 Date Received 9-1-05 By LAH Permit # 824/23641
Application Approved by - Zoning Official BLK Date 2-10-05 Plans Examiner OK JTH Date 9-12-05
Flood Zone Xp-1 Development Permit N/A Zoning RSF-2 Land Use Plan Map Category RES. Low D
Comments EH

Applicants Name CHRIS COX SUSAN FAIR Phone 386-867-0633
Address 252 NW 114 GLEN LAKE CITY, FL. 32055
Owners Name ERIC & ELIZABETH DUNN Phone 386-755-7432
911 Address 216 SE GREGORY GLEN LAKE CITY FL 32025
Contractors Name BRYAN ZECHER Phone 386-752-8653
Address PO BOX 815 LAKE CITY FL. 32056
Fee Simple Owner Name & Address NA
Bonding Co. Name & Address NA
Architect/Engineer Name & Address MARK DISOSWAY PO BOX 868 LAKE CITY FL 32003
Mortgage Lenders Name & Address NA
Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
Property ID Number 15-45-17E-08359-128 Estimated Cost of Construction 60,000.00
Subdivision Name COUNTRYSIDE ESTATES Lot 28 Block Unit Phase
Driving Directions BAYA TO OLD COUNTRY CLUB RD. GO RIGHT TO GREGORY GLEN & GO LEFT. 4TH LOT ON RIGHT

Type of Construction FRAME & HARDI Number of Existing Dwellings on Property 0
Total Acreage 42 ACRES Lot Size 1/2 ACRE Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
Actual Distance of Structure from Property Lines - Front 27' Side 56' Side 56' Rear 60'
Total Building Height 16' 1" Number of Stories 1 Heated Floor Area 1400 Roof Pitch 6/12
PORCH 35 GARAGE 494 TOTAL 1929

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.

Chris W. Cox
Owner Builder or Agent (Including Contractor)

X
Contractor Signature
Contractors License Number CBC054575
Competency Card Number
NOTARY STAMP/SEAL

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me

this 31st day of August

Personally known ✓ or Produced Identification



Susan Ann Fair
Notary Signature

Corporate Warranty Deed

Inst:2005020499 Date:08/23/2005 Time:14:48
Doc Stamp-Deed : 921.20
MK DC, P. Dewitt Cason, Columbia County B:1055 P:2731

This Indenture, made , August 22, 2005 A.D.

Between

Cornerstone Development Group, LLC whose post office address is: 180 NW
Amenity Court, Lake City, FL 32055 a corporation existing under the laws of the
State of Florida,

Grantor and Eric J. Dunn and Elizabeth V. Dunn, husband and wife whose post
office address is: 143 SW Cromwell Court, Lake City, FL 32025, Grantee,

Witnesseth, that the said Grantor, for and in consideration of the sum of Ten and No/100 Dollars (\$10.00), to it in hand
paid by the said Grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said Grantee forever, the
following described land, situate, lying and being in the County of Columbia, State of Florida, to wit:

Lot 28, Country Side Estates, a Subdivision, according to the Plat thereof, as recorded in Plat Book 8, Pages
1 and 2, of the Public Records of Columbia County, Florida.

Subject to taxes for the current year, covenants, restrictions and easements of record, if any.

And the said Grantor does hereby fully warrant the title to said land, and will defend the same against the lawful claims of all
persons whomsoever.

In Witness Whereof, the said Grantor has caused this instrument to be executed in its name by its duly authorized officer
and caused its corporate seal to be affixed the day and year first above written.

Cornerstone Development Group, LLC

By:

Frank Sounicek, Managing Member

Signed and Sealed in Our Presence:

Elaine R. Davis

Witness Print Name: Elaine R. Davis

Lyndi Skinner

Witness Print Name: LYNDI SKINNER

By:

Bryan Zecher, Member

State of Florida
County of Columbia

The foregoing instrument was acknowledged before me this 22nd day of August, 2005, by Frank Sounicek, the Managing Member and
Bryan Zecher, Member, of Cornerstone Development Group, LLC A corporation existing under the laws of the State of Florida, on behalf
of the corporation.

He/She is personally known to me or has produced Known as identification.

Lyndi Skinner (Seal)

Notary Public

Notary Printed Name:

My Commission Expires:

Prepared by:
Lyndi Skinner/Elaine R. Davis, an employee of
American Title Services of Lake City, Inc.,
330 SW Main Boulevard
Lake City, Florida 32025

File Number: 05-520



Lyndi Skinner
My Commission DD150708
Expires September 17, 2008

Tax Folio Number:

State of: **Florida**
County of: **Columbia**

File Number: **05-520**

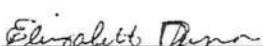
Inst: 2005020501 Date: 08/23/2005 Time: 14:48
DC, P. Dewitt Cason, Columbia County B: 1055 P: 2745

NOTICE OF COMMENCEMENT

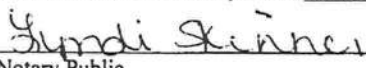
The undersigned hereby gives notice that improvement will be made to certain real property, and, in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

1. Description of Property:
Lot 28, Country Side Estates, a Subdivision, according to the Plat thereof, as recorded in Plat Book 8, Pages 1 and 2, of the Public Records of Columbia County, Florida.
2. General Description of Improvements: Single Family Dwelling
3. Owner Information:
 - a. Name and Address: Eric J. Dunn and his wife, Elizabeth V. Dunn, 143 SW Cromwell Court, Lake City, FL 32024-5696
 - b. Interest in property: Fee Simple
 - c. Names and address of fee simple title holder (if other than owner):
4. Contractor: Bryan Zecher Construction
5. Surety: N/A
6. Lender: First Federal Savings Bank of Florida, 4705 West U. S. Highway 90, Lake City, Florida 32055
7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes.
8. In addition to himself, Owner designates the following persons to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes.
9. Expiration date of Notice of Commencement (the expiration date is 1 year from date of recording unless a different date is specified): August 22, 2006.


Eric J. Dunn


Elizabeth V. Dunn

Sworn to and subscribed before me August 22, 2005 by Eric J. Dunn and his wife, Elizabeth V. Dunn, who is personally known to me or who did provide driver's license as identification.


Notary Public

My Commission Expires: _____

COLUMBIA COUNTY 9-1-1 ADDRESSING

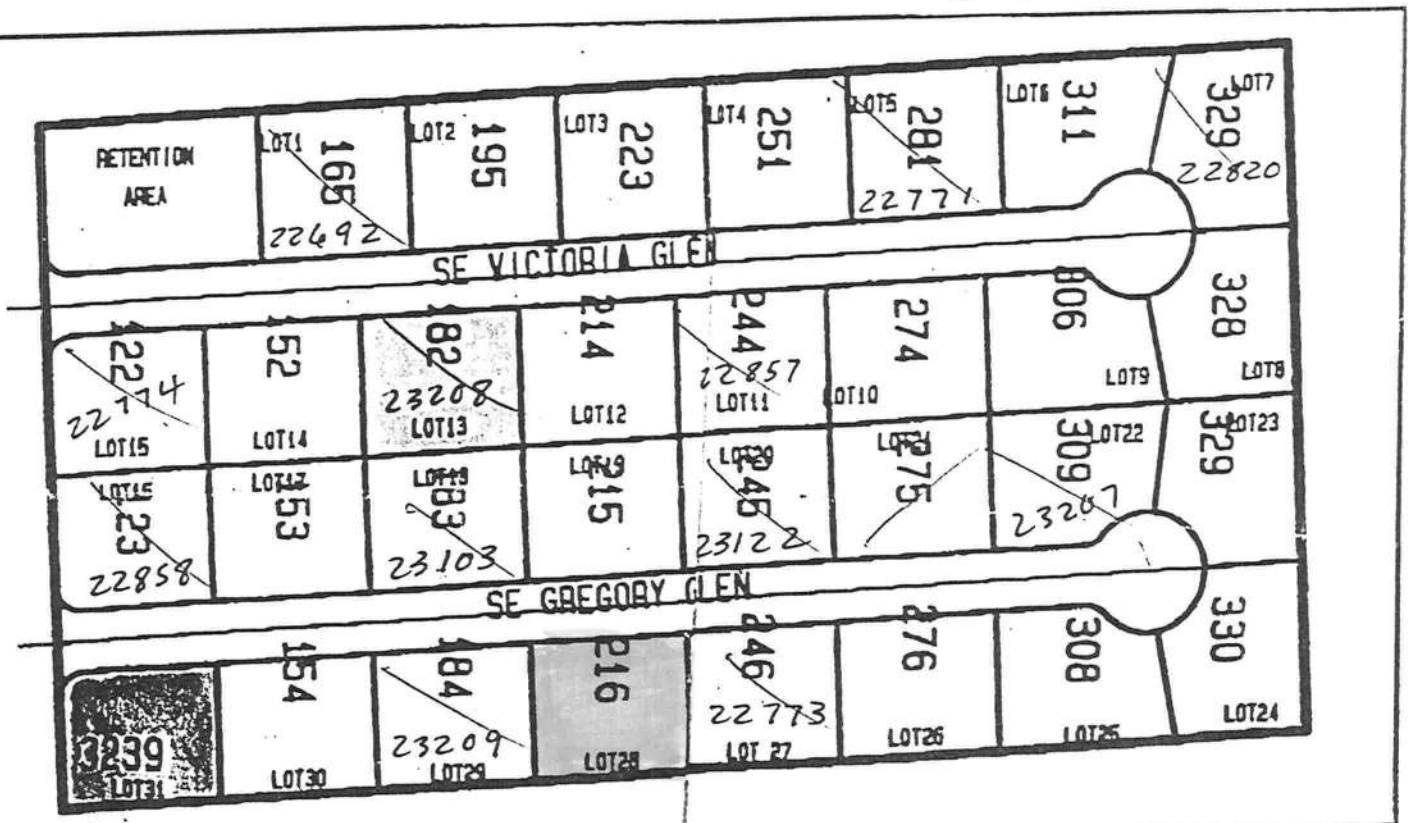
263 NW Lake City Ave. • P. O. Box 2949 • Lake City, FL 32056-2949
 PHONE: (386) 752-8787 • FAX (386) 758-1365 • Email: ron_croft@columbiacountyfla.com

32025

Addresses for Country Side Estates Subdivision:

Lot #:	Address Assigned:
1	165 SE Victoria Glen
2	195 SE Victoria Glen
3	223 SE Victoria Glen
4	251 SE Victoria Glen
5	281 SE Victoria Glen
6	311 SE Victoria Glen
7	329 SE Victoria Glen
8	328 SE Victoria Glen
9	306 SE Victoria Glen
10	274 SE Victoria Glen
11	244 SE Victoria Glen
12	214 SE Victoria Glen
13	182 SE Victoria Glen
14	152 SE Victoria Glen
15	122 SE Victoria Glen

Lot #:	Address Assigned:
16	123 SE Gregory Glen
17	153 SE Gregory Glen
18	183 SE Gregory Glen
19	215 SE Gregory Glen
20	245 SE Gregory Glen
21	275 SE Gregory Glen
22	309 SE Gregory Glen
23	329 SE Gregory Glen
24	330 SE Gregory Glen
25	308 SE Gregory Glen
26	276 SE Gregory Glen
27	246 SE Gregory Glen
28	216 SE Gregory Glen
29	184 SE Gregory Glen
30	154 SE Gregory Glen
31	3239 SE Country Club Rd 124 SE Gregory Glen



1500/1974 - 469.74
 1200/1665 - 391.64

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name: **TheMatthewModel**
Address: **Lot: , Sub: , Plat:**
City, State: **, FL**
Owner: **Model House**
Climate Zone: **North**

Builder: **Bryan Zecher**
Permitting Office: **Columbia**
Permit Number: **23641**
Jurisdiction Number: **221000**

- | | | | | | |
|-------------------------------------|----------------------|-------------|--|-------------------|-----|
| 1. New construction or existing | New | ___ | 12. Cooling systems | | |
| 2. Single family or multi-family | Single family | ___ | a. Central Unit | Cap: 26.0 kBtu/hr | ___ |
| 3. Number of units, if multi-family | 1 | ___ | | SEER: 10.00 | ___ |
| 4. Number of Bedrooms | 3 | ___ | b. N/A | | ___ |
| 5. Is this a worst case? | Yes | ___ | c. N/A | | ___ |
| 6. Conditioned floor area (ft²) | 1400 ft² | ___ | | | ___ |
| 7. Glass area & type | Single Pane | Double Pane | 13. Heating systems | | |
| a. Clear glass, default U-factor | 0.0 ft² | 152.5 ft² | a. Electric Heat Pump | Cap: 26.0 kBtu/hr | ___ |
| b. Default tint, default U-factor | 0.0 ft² | 0.0 ft² | | HSPF: 7.00 | ___ |
| c. Labeled U-factor or SHGC | 0.0 ft² | 0.0 ft² | b. N/A | | ___ |
| 8. Floor types | | | c. N/A | | ___ |
| a. Slab-On-Grade Edge Insulation | R=0.0, 164.0(p) ft | ___ | | | ___ |
| b. N/A | | ___ | 14. Hot water systems | | |
| c. N/A | | ___ | a. Electric Resistance | Cap: 40.0 gallons | ___ |
| 9. Wall types | | | | EF: 0.89 | ___ |
| a. Frame, Wood, Adjacent | R=13.0, 172.0 ft² | ___ | b. N/A | | ___ |
| b. Frame, Wood, Exterior | R=13.0, 927.0 ft² | ___ | c. Conservation credits | | ___ |
| c. N/A | | ___ | (HR-Heat recovery, Solar | | ___ |
| d. N/A | | ___ | DHP-Dedicated heat pump) | | ___ |
| e. N/A | | ___ | 15. HVAC credits | | ___ |
| 10. Ceiling types | | | (CF-Ceiling fan, CV-Cross ventilation, | | ___ |
| a. Under Attic | R=30.0, 1450.0 ft² | ___ | HF-Whole house fan, | | ___ |
| b. N/A | | ___ | PT-Programmable Thermostat, | | ___ |
| c. N/A | | ___ | MZ-C-Multizone cooling, | | ___ |
| 11. Ducts | | | MZ-H-Multizone heating) | | ___ |
| a. Sup: Unc. Ret: Unc. AH: Interior | Sup. R=6.0, 160.0 ft | ___ | | | ___ |
| b. N/A | | ___ | | | ___ |

Glass/Floor Area: 0.11

Total as-built points: 21891

Total base points: 22989

PASS

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

PREPARED BY: Evan Beamsley

DATE: 8/11/05

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

OWNER/AGENT: Chris W. Cy

DATE: 8-31-05

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: , Sub: , Plat: , , FL,

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	1400.0	20.04	5050.1	Double, Clear	E	1.5	5.5	75.0	42.06	0.90	2827.4
				Double, Clear	E	1.5	7.5	20.0	42.06	0.95	798.0
				Double, Clear	S	1.5	3.5	7.5	35.87	0.70	189.3
				Double, Clear	W	6.5	7.0	14.0	38.52	0.55	295.3
				Double, Clear	W	0.0	0.0	30.0	38.52	1.00	1155.7
				Double, Clear	N	1.5	3.5	6.0	19.20	0.86	99.0
				As-Built Total:				152.5		5364.6	
WALL TYPES		Area X BSPM = Points		Type	R-Value			Area X	SPM	= Points	
Adjacent	172.0	0.70	120.4	Frame, Wood, Adjacent	13.0			172.0	0.60	103.2	
Exterior	927.0	1.70	1575.9	Frame, Wood, Exterior	13.0			927.0	1.50	1390.5	
Base Total:		1099.0	1696.3	As-Built Total:				1099.0		1493.7	
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	40.0	6.10	244.0	Exterior Insulated				20.0	4.10	82.0	
				Adjacent Insulated				20.0	1.60	32.0	
Base Total:		60.0	292.0	As-Built Total:				60.0		196.0	
CEILING TYPES		Area X BSPM = Points		Type	R-Value			Area X	SPM X SCM	= Points	
Under Attic	1400.0	1.73	2422.0	Under Attic	30.0			1450.0	1.73 X 1.00	2508.5	
Base Total:		1400.0	2422.0	As-Built Total:				1450.0		2508.5	
FLOOR TYPES		Area X BSPM = Points		Type	R-Value			Area X	SPM	= Points	
Slab	164.0(p)	-37.0	-6068.0	Slab-On-Grade Edge Insulation	0.0			164.0(p)	-41.20	-6756.8	
Raised	0.0	0.00	0.0								
Base Total:			-6068.0	As-Built Total:				164.0		-6756.8	
INFILTRATION		Area X BSPM = Points					Area X	SPM	= Points		
	1400.0	10.21	14294.0				1400.0	10.21	14294.0		

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

ADDRESS: Lot: , Sub: , Plat: , , FL,

PERMIT #:

BASE					AS-BUILT										
Summer Base Points:		17686.4			Summer As-Built Points:					17100.0					
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
17686.4		0.4266		7545.0	17100.0		1.000		(1.090 x 1.147 x 0.91)		0.341		1.000		6639.9
					17100.0		1.00		1.138		0.341		1.000		6639.9

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: , Plat: , , FL,

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	1400.0	12.74	3210.5	Double, Clear	E	1.5	5.5	75.0	18.79	1.04	1467.7
				Double, Clear	E	1.5	7.5	20.0	18.79	1.02	384.5
				Double, Clear	S	1.5	3.5	7.5	13.30	1.47	146.3
				Double, Clear	W	6.5	7.0	14.0	20.73	1.16	336.3
				Double, Clear	W	0.0	0.0	30.0	20.73	1.00	621.8
				Double, Clear	N	1.5	3.5	6.0	24.58	1.01	148.6
				As-Built Total:				152.5	3105.2		
WALL TYPES		Area X BWPM = Points		Type	R-Value		Area X WPM		= Points		
Adjacent	172.0	3.60	619.2	Frame, Wood, Adjacent	13.0		172.0	3.30	567.6		
Exterior	927.0	3.70	3429.9	Frame, Wood, Exterior	13.0		927.0	3.40	3151.8		
Base Total:		1099.0	4049.1	As-Built Total:				1099.0	3719.4		
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	40.0	12.30	492.0	Exterior Insulated			20.0	8.40	168.0		
				Adjacent Insulated			20.0	8.00	160.0		
Base Total:		60.0	722.0	As-Built Total:				60.0	496.0		
CEILING TYPES		Area X BWPM = Points		Type	R-Value		Area X WPM X WCM		= Points		
Under Attic	1400.0	2.05	2870.0	Under Attic	30.0		1450.0	2.05 X 1.00	2972.5		
Base Total:		1400.0	2870.0	As-Built Total:				1450.0	2972.5		
FLOOR TYPES		Area X BWPM = Points		Type	R-Value		Area X WPM		= Points		
Slab	164.0(p)	8.9	1459.6	Slab-On-Grade Edge Insulation	0.0		164.0(p)	18.80	3083.2		
Raised	0.0	0.00	0.0								
Base Total:			1459.6	As-Built Total:				164.0	3083.2		
INFILTRATION		Area X BWPM = Points				Area X WPM		= Points			
		1400.0	-0.59					1400.0	-0.59	-826.0	

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: , Plat: , , FL,

PERMIT #:

BASE				AS-BUILT									
Winter Base Points: 11485.2				Winter As-Built Points: 12550.3									
Total Winter Points	X	System Multiplier	= Heating Points	Total Component	X	Cap Ratio	X	Duct Multiplier (DM x DSM x AHU)	X	System Multiplier	X	Credit Multiplier	= Heating Points
11485.2		0.6274	7205.8	12550.3		1.000		(1.069 x 1.169 x 0.93)		0.487		1.000	7105.4
				12550.3		1.00		1.162		0.487		1.000	7105.4

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: , Plat: , , FL,

PERMIT #:

BASE				AS-BUILT					
WATER HEATING				Tank	EF	Number of	X	Tank	X
Number of	X	Multiplier	=	Total	Volume	Bedrooms		Ratio	Multiplier
Bedrooms									
3		2746.00		8238.0	40.0	0.89	3	1.00	2715.15
									1.00
									8145.4
				As-Built Total:					8145.4

CODE COMPLIANCE STATUS

BASE					AS-BUILT				
Cooling	+	Heating	+	Hot Water	=	Total	Cooling	+	Heating
Points		Points		Points		Points	Points		Points
7545		7206		8238		22989	6640		7105
									8145
									21891

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: , Plat: , , FL,

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	606.1.ABC.1.1	Maximum: .3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Exterior & Adjacent Walls	606.1.ABC.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	
Floors	606.1.ABC.1.2.2	Penetrations/openings >1/8" sealed unless backed by truss or joint members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	
Ceilings	606.1.ABC.1.2.3	Between walls & ceilings; penetrations of ceiling plane of top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.	
Recessed Lighting Fixtures	606.1.ABC.1.2.4	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC rated with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	606.1.ABC.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	606.1.ABC.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

6A-22 OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 6-12. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 83.5

The higher the score, the more efficient the home.

Model House, Lot: , Sub: , Plat: , , FL,

1. New construction or existing	New	___	12. Cooling systems	
2. Single family or multi-family	Single family	___	a. Central Unit	Cap: 26.0 kBtu/hr
3. Number of units, if multi-family	1	___		SEER: 10.00
4. Number of Bedrooms	3	___	b. N/A	___
5. Is this a worst case?	Yes	___	c. N/A	___
6. Conditioned floor area (ft ²)	1400 ft ²	___		___
7. Glass area & type	Single Pane	Double Pane		___
a. Clear glass, default U-factor	0.0 ft ²	152.5 ft ²	13. Heating systems	
b. Default tint, default U-factor	0.0 ft ²	0.0 ft ²	a. Electric Heat Pump	Cap: 26.0 kBtu/hr
c. Labeled U-factor or SHGC	0.0 ft ²	0.0 ft ²		HSPF: 7.00
8. Floor types			b. N/A	___
a. Slab-On-Grade Edge Insulation	R=0.0, 164.0(p) ft	___	c. N/A	___
b. N/A	___	___		___
c. N/A	___	___	14. Hot water systems	
9. Wall types			a. Electric Resistance	Cap: 40.0 gallons
a. Frame, Wood, Adjacent	R=13.0, 172.0 ft ²	___		EF: 0.89
b. Frame, Wood, Exterior	R=13.0, 927.0 ft ²	___	b. N/A	___
c. N/A	___	___	c. Conservation credits	___
d. N/A	___	___	(HR-Heat recovery, Solar	___
e. N/A	___	___	DHP-Dedicated heat pump)	___
10. Ceiling types			15. HVAC credits	___
a. Under Attic	R=30.0, 1450.0 ft ²	___	(CF-Ceiling fan, CV-Cross ventilation,	___
b. N/A	___	___	HF-Whole house fan,	___
c. N/A	___	___	PT-Programmable Thermostat,	___
11. Ducts			MZ-C-Multizone cooling,	___
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 160.0 ft	___	MZ-H-Multizone heating)	___
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: Chris G Date: 8-31-05

Address of New Home: 216 SE GREGORY AVE City/FL Zip: LAKE CITY FL 32025



**NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar™ designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction,*

contact the Department of Community Affairs Energy Gauge (Version: FLR2PB v3.4)

Residential System Sizing Calculation

Summary

Model House

Project Title:
TheMatthewModel

Class 3 Rating
Registration No. 0
Climate: North

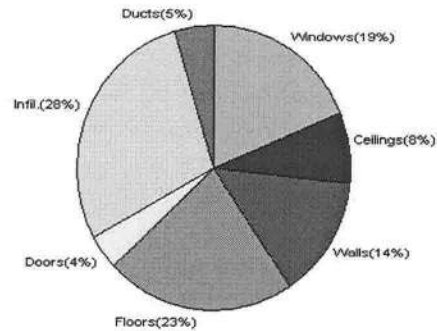
1/18/2005

Location for weather data: Gainesville - Defaults: Latitude(29) Temp Range(M)					
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(51gr.)					
Winter design temperature	31	F	Summer design temperature	93	F
Winter setpoint	70	F	Summer setpoint	75	F
Winter temperature difference	39	F	Summer temperature difference	18	F
Total heating load calculation	22966	Btuh	Total cooling load calculation	21806	Btuh
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	113.2	26000	Sensible (SHR = 0.75)	122.8	19500
Heat Pump + Auxiliary(0.0kW)	113.2	26000	Latent	109.8	6500
			Total (Electric Heat Pump)	119.2	26000

WINTER CALCULATIONS

Winter Heating Load (for 1400 sqft)

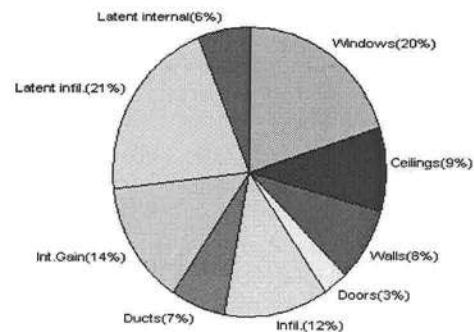
Load component		Load
Window total	153 sqft	4316 Btuh
Wall total	1099 sqft	3149 Btuh
Door total	60 sqft	921 Btuh
Ceiling total	1450 sqft	1885 Btuh
Floor total	164 ft	5182 Btuh
Infiltration	150 cfm	6419 Btuh
Subtotal		21872 Btuh
Duct loss		1094 Btuh
TOTAL HEAT LOSS		22966 Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 1400 sqft)

Load component		Load
Window total	153 sqft	4390 Btuh
Wall total	1099 sqft	1792 Btuh
Door total	60 sqft	608 Btuh
Ceiling total	1450 sqft	2059 Btuh
Floor total		0 Btuh
Infiltration	131 cfm	2592 Btuh
Internal gain		3000 Btuh
Subtotal(sensible)		14442 Btuh
Duct gain		1444 Btuh
Total sensible gain		15886 Btuh
Latent gain(infiltration)		4541 Btuh
Latent gain(internal)		1380 Btuh
Total latent gain		5921 Btuh
TOTAL HEAT GAIN		21806 Btuh



EnergyGauge® System Sizing based on ACCA Manual J.

PREPARED BY:

DATE: 8/11/05

EnergyGauge® FLR2PB v3.4

System Sizing Calculations - Winter

Residential Load - Component Details

Model House

Project Title:
TheMatthewModel

Class 3 Rating
Registration No. 0
Climate: North

, FL

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

1/18/2005

Window	Panes/SHGC/Frame/U	Orientation	Area X	HTM=	Load
1	2, Clear, Metal, DEF	N	75.0	28.3	2122 Btuh
2	2, Clear, Metal, DEF	N	20.0	28.3	566 Btuh
3	2, Clear, Metal, DEF	E	7.5	28.3	212 Btuh
4	2, Clear, Metal, DEF	S	14.0	28.3	396 Btuh
5	2, Clear, Metal, DEF	S	30.0	28.3	849 Btuh
6	2, Clear, Metal, DEF	W	6.0	28.3	170 Btuh
Window Total			153		4316 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Adjacent	13.0	172	1.6	275 Btuh
2	Frame - Exterior	13.0	927	3.1	2874 Btuh
Wall Total			1099		3149 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exter		20	18.3	367 Btuh
2	Insulated - Exter		20	18.3	367 Btuh
3	Insulated - Adjac		20	9.4	188 Btuh
Door Total			60		921Btuh
Ceilings	Type	R-Value	Area X	HTM=	Load
1	Under Attic	30.0	1450	1.3	1885 Btuh
Ceiling Total			1450		1885Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab-On-Grade Edge Insul	0	164.0 ft(p)	31.6	5182 Btuh
Floor Total			164		5182 Btuh
Infiltration	Type	ACH X	Building Volume	CFM=	Load
	Natural	0.80	11200(sqft)	150	6419 Btuh
	Mechanical			0	0 Btuh
Infiltration Total				150	6419 Btuh

Totals for Heating	Subtotal	21872 Btuh
	Duct Loss(using duct multiplier of 0.05)	1094 Btuh
	Total Btuh Loss	22966 Btuh

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

(Frame types - metal, wood or insulated metal)

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

(HTM - ManualJ Heat Transfer Multiplier)

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

System Sizing Calculations - Summer

Residential Load - Component Details

Model House

Project Title:
TheMatthewModel

Class 3 Rating
Registration No. 0
Climate: North

, FL

Reference City: Gainesville (Defaults)

Summer Temperature Difference: 18.0 F

1/18/2005

Window	Type	Overhang		Window Area(sqft)			HTM		Load	
	Panes/SHGC/U/InSh/ExSh Omt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2, Clear, DEF, N, N	N	1.5	5.5	75.0	0.0	75.0	22	22	1650 Btuh
2	2, Clear, DEF, N, N	N	1.5	7.5	20.0	0.0	20.0	22	22	440 Btuh
3	2, Clear, DEF, N, N	E	1.5	3.5	7.5	1.3	6.2	22	72	474 Btuh
4	2, Clear, DEF, N, N	S	6.5	7	14.0	14.0	0.0	22	37	308 Btuh
5	2, Clear, DEF, N, N	S	0	0	30.0	0.0	30.0	22	37	1110 Btuh
6	2, Clear, DEF, N, N	W	1.5	3.5	6.0	0.5	5.5	22	72	408 Btuh
	Window Total				153					4390 Btuh
Walls	Type	R-Value			Area		HTM		Load	
1	Frame - Adjacent	13.0			172.0		1.0		179 Btuh	
2	Frame - Exterior	13.0			927.0		1.7		1613 Btuh	
	Wall Total				1099.0				1792 Btuh	
Doors	Type				Area		HTM		Load	
1	Insulated - Exter				20.0		10.1		203 Btuh	
2	Insulated - Exter				20.0		10.1		203 Btuh	
3	Insulated - Adjac				20.0		10.1		203 Btuh	
	Door Total				60.0				608 Btuh	
Ceilings	Type/Color	R-Value			Area		HTM		Load	
1	Under Attic/Dark	30.0			1450.0		1.4		2059 Btuh	
	Ceiling Total				1450.0				2059 Btuh	
Floors	Type	R-Value			Size		HTM		Load	
1	Slab-On-Grade Edge Insulation	0.0			164.0 ft(p)		0.0		0 Btuh	
	Floor Total				164.0				0 Btuh	
Infiltration	Type	ACH			Volume		CFM=		Load	
	Natural	0.70			11200		130.9		2592 Btuh	
	Mechanical						0		0 Btuh	
	Infiltration Total						131		2592 Btuh	

Internal gain	Occupants	Btuh/occupant	Appliance	Load
	6	X 300 +	1200	3000 Btuh

Totals for Cooling	Subtotal	14442 Btuh
	Duct gain(using duct multiplier of 0.10)	1444 Btuh
	Total sensible gain	15886 Btuh
	Latent infiltration gain (for 51 gr. humidity difference)	4541 Btuh
	Latent occupant gain (6 people @ 230 Btuh per person)	1380 Btuh
	Latent other gain	0 Btuh
TOTAL GAIN		21806 Btuh

Manual J Summer Calculations

Residential Load - Component Details (continued)

Model House

, FL

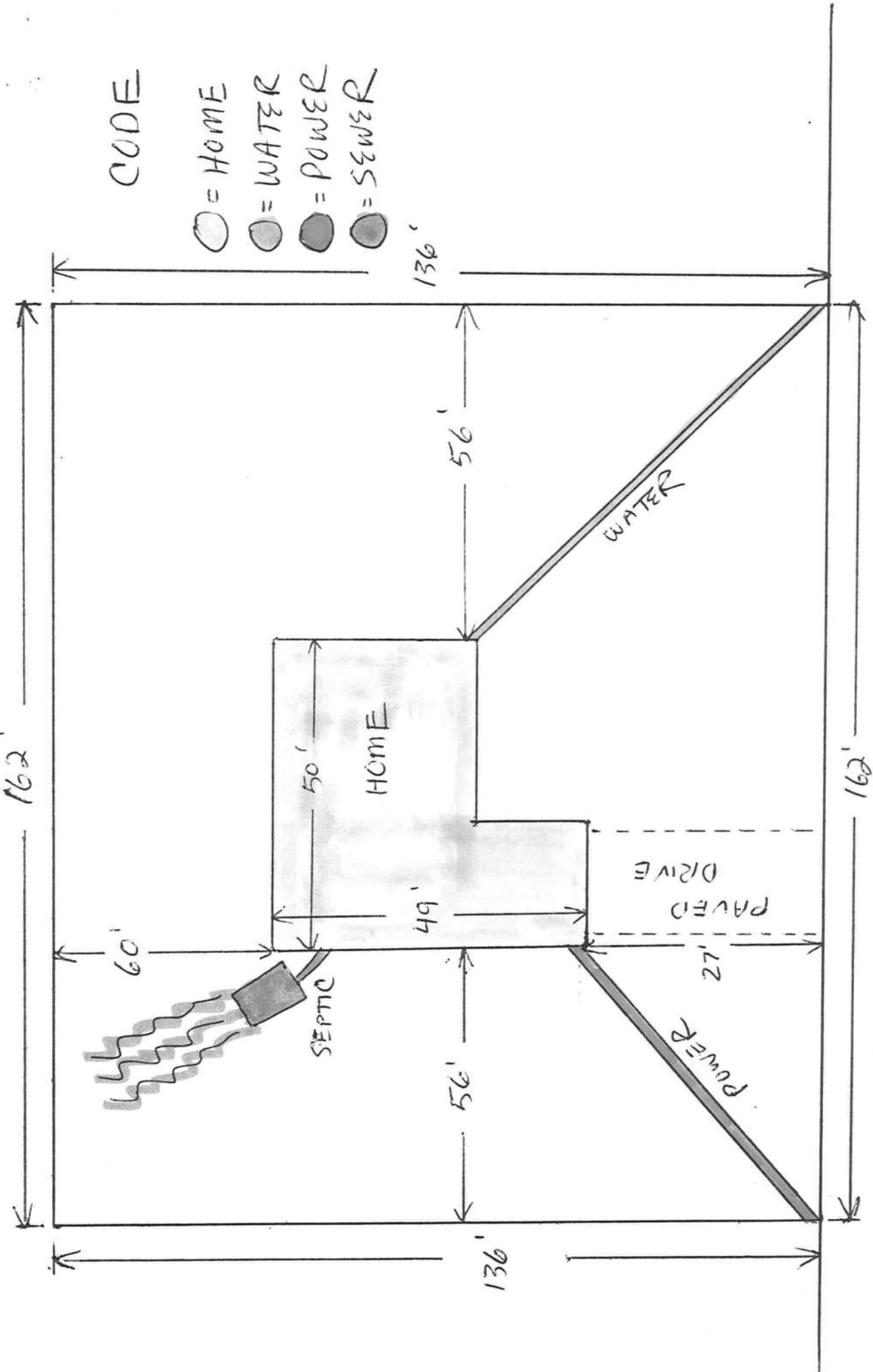
Project Title:
TheMatthewModel

Class 3 Rating
Registration No. 0
Climate: North

1/18/2005

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(U - Window U-Factor or 'DEF' for default)
(InSh - Interior shading device: none(N), Blinds/Daperies(B) or Roller Shades(R))
(ExSh - Exterior shading device: none(N) or numerical value)
(Ornt - compass orientation)

COUNTRYSIDE ESTATES
LOT 28 SITE PLAN



- CODE
- = HOME
 - = WATER
 - = POWER
 - = SEWER

Gregory Glen
N315 K30333D

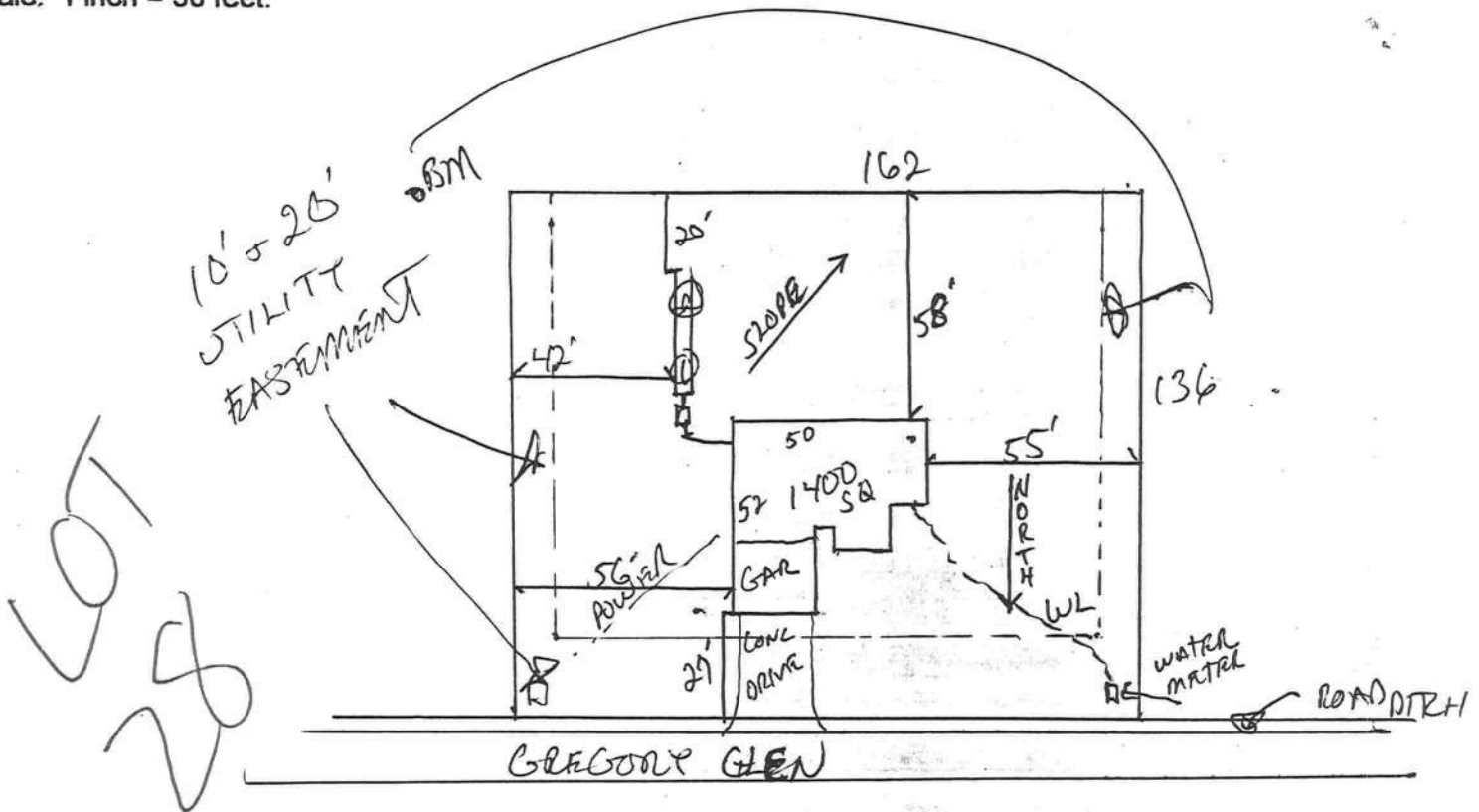
STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 05-09271

----- PART II - SITEPLAN -----

Scale: 1 inch = 50 feet.



Notes: _____

Site Plan submitted by: Rock D F O

MASTER CONTRACTOR

Plan Approved ☒

Not Approved ☐

Date 9-13-05

By mm a m

Columbia

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

**Columbia County Building Department
Culvert Permit**

**Culvert Permit No.
000000824**

DATE 09/22/2005 PARCEL ID # 15-4S-17-08359-128
APPLICANT SUSAN FAIR PHONE 752-5218
ADDRESS 180 NW AMENITY COURT LAKE CITY FL 32055
OWNER ERIC & ELIZABETH DUNN PHONE 755-7432
ADDRESS 216 SE GREGORY GLEN LAKE CITY FL 32025
CONTRACTOR BRYAN ZECHER PHONE 752-8653
LOCATION OF PROPERTY BAYA, TR ON OLD COUNTRY CLUB RD, TR ON GREGORY GLEN, 4TH LOT ON
RIGHT _____
SUBDIVISION/LOT/BLOCK/PHASE/UNIT COUNTRY SIDE ESTATES 28

SIGNATURE _____

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



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 15-4S-17-08359-128

Building permit No. 000023641

Use Classification SFD, UTILITY

Fire: 59.20

Permit Holder BRYAN ZECHER

Waste: 122.50

Owner of Building ERIC & ELIZABETH DUNN

Total: 181.70

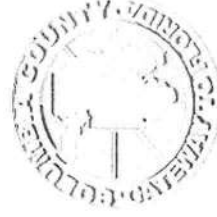
Location: 216 SE GREGORY GLEN(COUNTRY SIDE EST. LOT28)

Date: 12/27/2005

[Signature]

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)





UNIVERSAL

ENGINEERING SCIENCES

Consultant In: Geotechnical Engineering,
Environmental Sciences, Construction Materials Testing
4475 SW 35th Terrace, Gainesville, Florida 32608 (352) 372-3392

Project No.: 27915-001-01
Report No.: 5098
Date: September 27, 2005

REPORT ON IN-PLACE DENSITY TESTS

Client: Cornerstone Development
P.O. Box 1867
Lake City, FL 32056

23641

Project: Country Side Estates, Lot No. 28, Permit Not Posted, Lake City, Columbia County, FL

Area Tested: Fill Beneath Proposed Building Pad

Course: Final Grade

Depth of Test: 0-1'


Type of Test: ASTM D-2922

Date Tested: 09-26-05

Remarks: The tests below meet the minimum 95 percent relative soil compaction requirement of Laboratory Modified Proctor maximum dry density. (ASTM D-1557)

TEST LOCATION		LABORATORY RESULTS		FIELD TEST RESULTS		
Description of Test Location		Maximum Density (pcf)	Optimum Moisture (%)	Dry Density (pcf)	Field Moisture (%)	Soil Compaction (%)
1.	Approximate Center of Pad	112.0	11.0	108.3	4.4	96.7
2.	Approximately 10' Northwest of Southeast Corner of Pad	112.0	11.0	108.0	4.6	96.4
3.	Approximately 10' Southeast of Northwest Corner of Pad	112.0	11.0	108.4	4.8	96.8

Technician: DM/ts


9/29/05
Andrew T. Schmid, P.E.
Professional Engineer No. 56022