

Notice of Intent for Preventative Treatment for Termites

(As required by Florida Building Code 104.2.6)

Date: 8-25-05

COUNTY
ESTATES

274 SE VICTORIA AVE

LOT 10

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

000023639

APPLICANT SUSAN FAIR PHONE 752-5218

ADDRESS 180 NW AMENITY COURT LAKE CITY FL 32055

OWNER CORNERSTONE DEVELOPERS PHONE 752-5218

ADDRESS 274 SE VICTORIA 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,
6TH 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-17-08359-110 SUBDIVISION COUNTRY SIDE ESTATES

LOT 10 BLOCK _____ PHASE _____ UNIT _____ TOTAL ACRES _____

000000821 _____ CBC054575 _____ *Susan Fair*

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

CULVERT 05-0930-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 \$ _____ CULVERT FEE \$ 25.00 **TOTAL FEE** 444.28

Columbia County Building Permit Application

Revised 9-23-0

For Office Use Only Application # 0809-05 Date Received 9-1-05 By LH Permit # 821/23639
Application Approved by - Zoning Official BLK Date 21.09.05 Plans Examiner OK JTH Date 9-12-05
Flood Zone Appld Development Permit N/A Zoning RSF-2 Land Use Plan Map Category RES. L-1
Comments EH

Applicants Name CHRIS COX Phone 386-867-0633
Address 252 NW IVY GLEN LAKE CITY FL. 32055
Owners Name CORNERSTONE DEVELOPERS Phone 386-862-1711
911 Address 274 SE VICTORIA 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 DISOSOWAY PO BOX 868 LAKE CITY FL 3205
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-08359-110 Estimated Cost of Construction 60,000.00
Subdivision Name COUNTRY SIDE ESTATES Lot 10 Block Unit Phase
Driving Directions TAKE DAYA TO OLD COUNTRY CLUB RD. TURN RIGHT. GO 3 MILES + TURN LEFT ON SOUTHEAST VICTORIA GLEN. 6TH LOT ON RIGHT.
Type of Construction FRAME + HARDI Number of Existing Dwellings on Property 0
Total Acreage 42 ACRES Lot Size 1/2 ACRES 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)

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me

this 31st day of August 2005.

Personally known ✓ or Produced Identification

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



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 15-45-17-08359-110

1. Description of property: (legal description of the property and street address or 911 address)
274 SE Victoria Glen
Lake City, FL 32025
2. General description of Improvement: New Home
3. Owner Name & Address Cornerstone Development Group, LLC
180 NW Amenity Ct, Lake City, FL Interest In Property Fee Simple
4. Name & Address of Fee Simple Owner (if other than owner): _____
5. Contractor Name Bryan Zecher Construction Phone Number 386-752-8653
Address PO Box 815, Lake City, FL 32056
6. Surety Holders Name NA Phone Number _____
Address _____
Amount of Bond NA Inst: 2005021273 Date: 08/31/2005 Time: 13:04
7. Lender Name NA YMK DC, P. DeWitt Cason, Columbia County B: 1056 P: 2479
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 NA Phone Number _____
Address _____
9. In addition to himself/herself the owner designates NA of _____
to receive a copy of the Lender's Notice as provided in Section 713.13 (1) -
(a) 7. Phone Number of the designee NA
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) NA

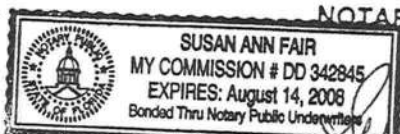
NOTICE AS PER CHAPTER 713, Florida Statutes:

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 Aug. 26, 2005

NOTARY STAMP/SEAL



Susan Ann Fair

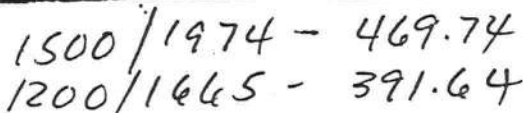
Signature of Notary

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

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

Addresses for Country Side Estates Subdivision:

<u>Lot #:</u>	<u>Address Assigned:</u>
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



1)

THIS INSTRUMENT WAS PREPARED BY:

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

Inst:2004008036 Date:04/08/2004 Time:12:28

Doc Stamp-Deed : 1435.00

RETURN TO:

Shirley DC, P. DeWitt Cason, Columbia County B:1012 P:49

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

File No. 04-119

Property Appraiser's
Parcel Identification No.
15-4S-17-08359-016

WARRANTY DEED

THIS INDENTURE, made this 8th day of April 2004, BETWEEN ROLAND L. TARDIF and his wife, LOUISE TARDIF, whose post office address is 4078 SE Country Club Road, Lake City, Florida 32025, of the County of Columbia, State of Florida, grantor*, and CORNERSTONE DEVELOPMENT GROUP, LLC, a Florida Limited Liability Company, whose post office address is 180 NW Amenity Court, Lake City, Florida 32025, of the County of Columbia, State of Florida, grantee*.

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 successors and assigns forever, the following described land, situate, lying and being in Columbia County, Florida, to-wit:

PARCEL NO. 1:

TOWNSHIP 4 SOUTH - RANGE 17 EAST

SECTION 15: Begin at the Southeast corner of the Northwest 1/4 of Section 15, Township 4 South, Range 17 East, Columbia County, Florida, and run N 1°11'01"W, along the East line of said Northwest 1/4 a distance of 679.28 feet to the POINT OF BEGINNING; thence S 88°41'16"W, 1296.02 feet to the East right-of-way line of State Road No. S-133; thence N 1°14'10"W, along said West right-of-way line 336.70 feet; thence N 88°41'16"E, 1296.33 feet to said East line of the Northwest 1/4, Section 15; thence S 1°11'01"E, along said East line 336.70 feet to the POINT OF BEGINNING. COLUMBIA COUNTY, FLORIDA.

PARCEL NO. 2:

TOWNSHIP 4 SOUTH - RANGE 17 EAST

SECTION 15: Commence at the Southeast corner of the Northwest 1/4 of Section 15, Township 4 South, Range 17 East, Columbia County, Florida, and run N 01°11'01"W, along the East line of said Northwest 1/4 a distance of 343.13 feet to the POINT OF BEGINNING; thence S 88°41'16"W, 1295.71 feet to a point on the East right-of-way line of State Road No. S-133; thence N 01°14'10"W, along said

Easterly right-of-way line 336.15 feet; thence N 88°41'16"E, 1296.02 feet to a point on the East line of said Northwest 1/4 of Section 15; thence S 01°11'01"E, along said East line 336.15 feet to the POINT OF BEGINNING. COLUMBIA COUNTY, FLORIDA.

SUBJECT TO: Restrictions, easements and outstanding mineral rights of record, if any, and taxes for the current year, & Restrictions shown on Schedule "A" attached hereto.

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

*"Grantor" and "grantee" are used for singular or plural, as context requires.

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:

Terry McDavid
(First Witness)

Terry McDavid

Printed Name

Myrtle Ann McElroy
(Second Witness)

Myrtle Ann McElroy

Printed Name

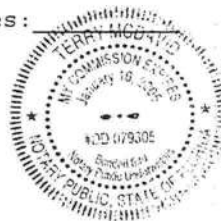
Roland L. Tardif (SEAL)
Roland L. Tardif

Louise Tardif (SEAL)
Louise Tardif

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 8th day of April 2004, by ROLAND L. TARDIF and his wife, LOUISE TARDIF, who are personally known to me and who did not take an oath.

Terry McDavid
Notary Public
My Commission Expires:



SCHEDULE "A" ATTACHED TO WARRANTY DEED
DATED APRIL 8, 2004 FROM
ROLAND L. TARDIF & his wife, LOUISE TARDIF
TO
CORNERSTONE DEVELOPMENT GROUP, LLC

For the period of time ending twenty (20) years from this date, the property described herein shall be subject to the following restrictions:

1. No mobile homes may be placed on the property.
2. Any home built on the property shall be a single family residence having not less than 1,100 square feet of heated living area.

Inst:2004008036 Date:04/08/2004 Time:12:28

Doc Stamp-Deed : 1435.00

LLC DC, P. Dewitt Cason, Columbia County B:1012 P:51

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: **23639**
Jurisdiction Number: **221000**

- | | | |
|-------------------------------------|----------------------|-------------|
| 1. New construction or existing | New | ___ |
| 2. Single family or multi-family | Single family | ___ |
| 3. Number of units, if multi-family | 1 | ___ |
| 4. Number of Bedrooms | 3 | ___ |
| 5. Is this a worst case? | Yes | ___ |
| 6. Conditioned floor area (ft²) | 1400 ft² | ___ |
| 7. Glass area & type | Single Pane | Double Pane |
| a. Clear glass, default U-factor | 0.0 ft² | 152.5 ft² |
| b. Default tint, default U-factor | 0.0 ft² | 0.0 ft² |
| c. Labeled U-factor or SHGC | 0.0 ft² | 0.0 ft² |
| 8. Floor types | | |
| a. Slab-On-Grade Edge Insulation | R=0.0, 164.0(p) ft | ___ |
| b. N/A | | ___ |
| c. N/A | | ___ |
| 9. Wall types | | |
| a. Frame, Wood, Adjacent | R=13.0, 172.0 ft² | ___ |
| b. Frame, Wood, Exterior | R=13.0, 927.0 ft² | ___ |
| c. N/A | | ___ |
| d. N/A | | ___ |
| e. N/A | | ___ |
| 10. Ceiling types | | |
| a. Under Attic | R=30.0, 1450.0 ft² | ___ |
| b. N/A | | ___ |
| c. N/A | | ___ |
| 11. Ducts | | |
| a. Sup: Unc. Ret: Unc. AH: Interior | Sup. R=6.0, 160.0 ft | ___ |
| b. N/A | | ___ |

- | | | |
|-------------------------|--|-----|
| 12. Cooling systems | | |
| a. Central Unit | Cap: 26.0 kBtu/hr | ___ |
| | SEER: 10.00 | ___ |
| b. N/A | | ___ |
| c. N/A | | ___ |
| 13. Heating systems | | |
| a. Electric Heat Pump | Cap: 26.0 kBtu/hr | ___ |
| | HSPF: 7.00 | ___ |
| b. N/A | | ___ |
| c. N/A | | ___ |
| 14. Hot water systems | | |
| a. Electric Resistance | Cap: 40.0 gallons | ___ |
| | EF: 0.89 | ___ |
| b. N/A | | ___ |
| c. Conservation credits | | ___ |
| | (HR-Heat recovery, Solar | |
| | DHP-Dedicated heat pump) | |
| 15. HVAC credits | | ___ |
| | (CF-Ceiling fan, CV-Cross ventilation, | |
| | HF-Whole house fan, | |
| | PT-Programmable Thermostat, | |
| | MZ-C-Multizone cooling, | |
| | MZ-H-Multizone heating) | |

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 N. G.**

DATE: **8-25-05**

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			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	R-Value		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 -826.0						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	
11485.2		0.6274	7205.8	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	=	Volume		Bedrooms		Ratio	Multiplier
Bedrooms			Total						
3		2746.00	8238.0	40.0	0.89	3		1.00	2715.15
				As-Built Total:					8145.4

CODE COMPLIANCE STATUS							
BASE				AS-BUILT			
Cooling	+	Heating	+	Cooling	+	Heating	+
Points		Points		Points		Points	
			=				=
			Total				Total
			Points				Points
7545		7206	8238	6640		7105	8145
			22989				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	13. Heating systems	
a. Clear glass, default U-factor	0.0 ft ²	152.5 ft ²	a. Electric Heat Pump	Cap: 26.0 kBtu/hr ___
b. Default tint, default U-factor	0.0 ft ²	0.0 ft ²		HSPF: 7.00 ___
c. Labeled U-factor or SHGC	0.0 ft ²	0.0 ft ²	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 ft ²	___	b. N/A	___
b. Frame, Wood, Exterior	R=13.0, 927.0 ft ²	___	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 ft ²	___	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	___	___		

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 W. Cox

Date: 8-25-05

Address of New Home: 274 SE VICTORIA GLEN

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

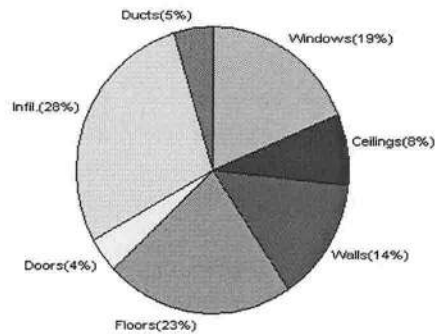
1/18/2005

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)

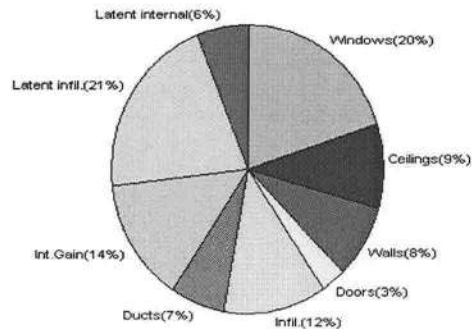
Load component	Load
Window total 153 sqft	4316 Btuh
Wall total 1099 sqft	3149 Btuh
Door total 60 sqft	921 Btuh
Ceiling total 1450 sqft	1885 Btuh
Floor total 164 ft	5182 Btuh
Infiltration 150 cfm	6419 Btuh
Subtotal	21872 Btuh
Duct loss	1094 Btuh
TOTAL HEAT LOSS	22966 Btuh



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	Panels/SHGC/U/InSh/ExSh Omt	Overhang		Window Area(sqft)			HTM		Load		
			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

Project Title:
TheMatthewModel

Class 3 Rating
Registration No. 0
Climate: North

, FL

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)

**RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR
FLORIDA BUILDING CODE 2001
ONE (1) AND TWO (2) FAMILY DWELLINGS
ALL REQUIREMENTS ARE SUBJECT TO CHANGE
EFFECTIVE MARCH 1, 2002**

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

Applicant	Plans Examiner	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	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.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Designers name and signature on document (FBC 104.2.1). If licensed architect or engineer, official seal shall be affixed.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>Site Plan including:</u>
		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.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	d) Provide a full legal description of property.
	<input type="checkbox"/>	<u>Wind-load Engineering Summary, calculations and any details required</u>
		a) Plans or specifications must state compliance with FBC Section 1606
		b) The following information must be shown as per section 1606.1.7 FBC
		a. Basic wind speed (MPH)
		b. Wind importance factor (I) and building category
		c. Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated
		d. The applicable internal pressure coefficient
		e. Components and Cladding. The design wind pressure 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
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>Elevations including:</u>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	a) All sides
<input checked="" type="checkbox"/>	<input type="checkbox"/>	b) Roof pitch
<input checked="" type="checkbox"/>	<input type="checkbox"/>	c) Overhang dimensions and detail with attic ventilation
<input checked="" type="checkbox"/>	<input type="checkbox"/>	d) Location, size and height above roof of chimneys
<input checked="" type="checkbox"/>	<input type="checkbox"/>	e) Location and size of skylights
<input checked="" type="checkbox"/>	<input type="checkbox"/>	f) Building height
<input checked="" type="checkbox"/>	<input type="checkbox"/>	g) Number of stories

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NA

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NA

Floor Plan including:

- a) Rooms labeled and dimensioned
- b) Shear walls
- c) Windows and doors (including garage doors) showing size, mfg., approval listing and attachment specs. (FBC 1707) and safety glazing where needed (egress windows in bedrooms to be shown)
- d) Fireplaces (gas appliance) (vented or non-vented) or wood burning with hearth
- e) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails
- f) Must show and identify accessibility requirements (accessible bathroom)

Foundation Plan including:

- a) Location of all load-bearing wall with required footings indicated as standard Or monolithic and dimensions and reinforcing
- b) All posts and/or column footing including size and reinforcing
- c) Any special support required by soil analysis such as piling
- d) Location of any vertical steel

Roof System:

a) Truss package including:

- 1. Truss layout and truss details signed and sealed by FI. Pro. Eng.
- 2. Roof assembly (FBC 104.2.1 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 104.2.1 Roofing systems, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

Wall Sections including:

a) Masonry wall

- 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 rake 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
- 6. Roof assembly shown here or on roof system detail (FBC 104.2.1 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 (termiticide 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)
7. Roof assembly shown here or on roof system detail (FBC104.2.1 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 (termiteicide 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

☐ HVAC information

- ☒ a) Manual J sizing equipment or equivalent computation
- ☒ b) Exhaust fans in bathroom

☐ Energy Calculations (dimensions shall match plans)

☐ Gas System Type (LP or Natural) Location and BTU demand of equipment *N/A*

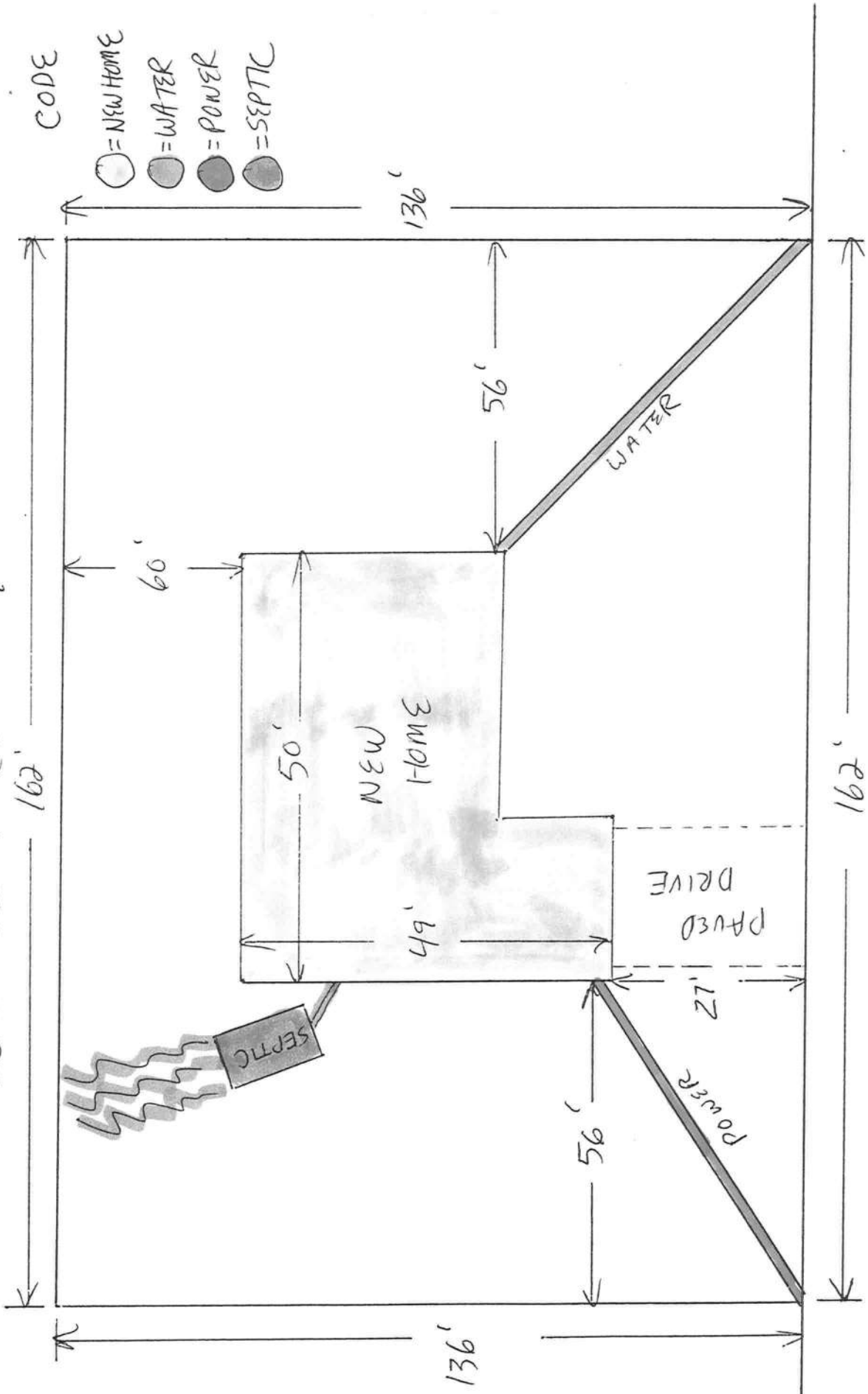
☐ Disclosure Statement for Owner Builders

☐ Notice Of Commencement

☒ Private Potable Water — *Private water system*

- ☒ a) Size of pump motor
- ☒ b) Size of pressure tank
- ☒ c) Cycle stop valve if used

COLUMBIA COUNTY
 LOT 10
 SITE PLAN



SE VICTORIA GLEN

STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

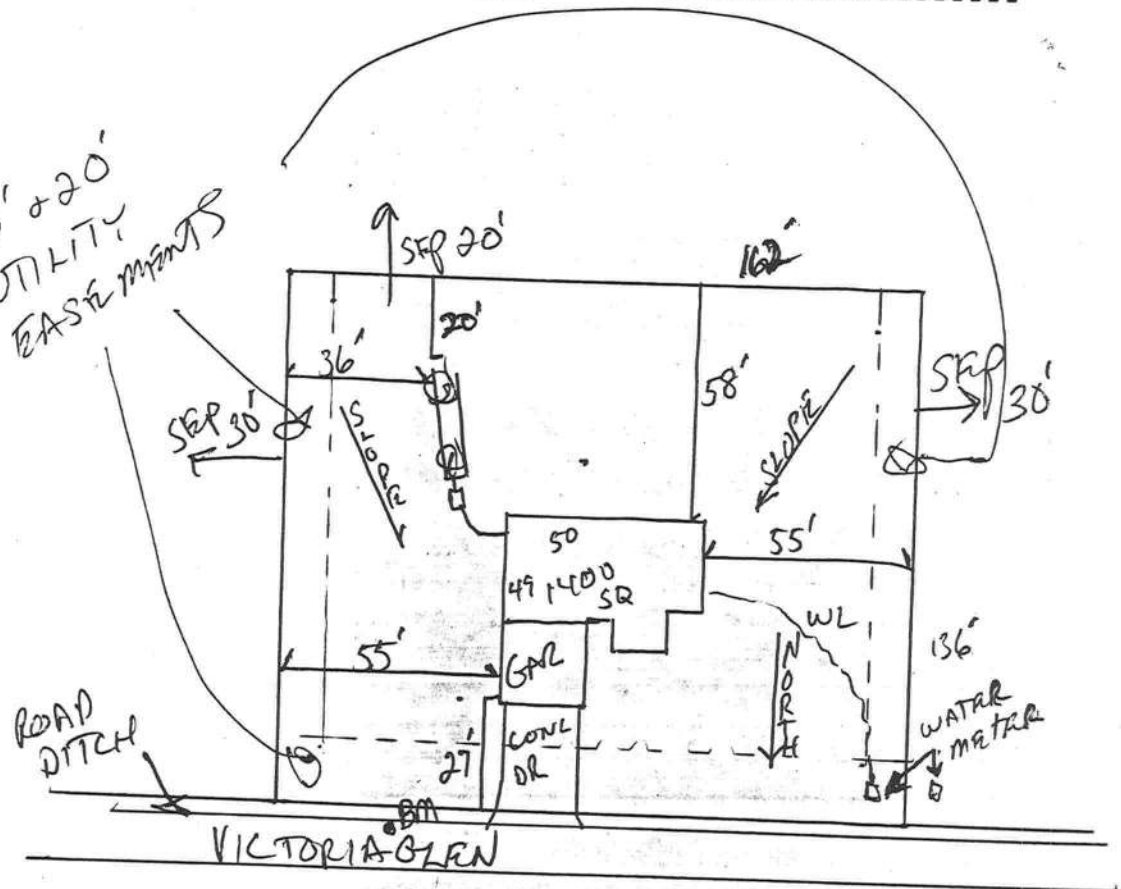
Permit Application Number 05-0930N

PART II - SITEPLAN

Scale: 1 inch = 50 feet.

LOT 10

10' x 20'
UTILITY
EASEMENTS



Notes: _____

Plan submitted by: Rock D F
an Approved ☒ Not Approved _____
Mm & 2m Columbia

MASTER CONTRACTOR
Date 9-13-05
County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

**Columbia County Building Department
Culvert Permit**

**Culvert Permit No.
000000821**

DATE 09/22/2005 PARCEL ID # 15-4S-17-08359-110
APPLICANT SUSAN FAIR PHONE 752-5218
ADDRESS 180 NW AMENITY COURT LAKE CITY FL 32055
OWNER CORNERSTONE DEVELOPERS PHONE 752-5218
ADDRESS 180 NW AMENITY COURT LAKE CITY FL 32055
CONTRACTOR BRYAN ZECHER PHONE 752-8653
LOCATION OF PROPERTY BAYA, TR ON OLD COUNTRY CLUB ROAD, TL ON VICTORIA GLEN, 6TH LOT
ON RIGHT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT COUNTRY SIDE ESTATES 10

SIGNATURE

Susan Fair

INSTALLATION REQUIREMENTS



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

INSTALLATION NOTE: Turnouts will be required as follows:

- a) a majority of the current and existing driveway turnouts are paved, or;
- b) the driveway to be served will be paved or formed with concrete.

Turnouts shall be concrete or paved a minimum of 12 feet wide or the width of the concrete or paved driveway, whichever is greater. The width shall conform to the current and existing paved or concreted turnouts.



Culvert installation shall conform to the approved site plan standards.



Department of Transportation Permit installation approved standards.



Other _____

**ALL PROPER SAFETY REQUIREMENTS SHOULD BE FOLLOWED
DURING THE INSTALLATION OF THE CULVERT.**

135 NE Hernando Ave., Suite B-21

Lake City, FL 32055

Phone: 386-758-1008 Fax: 386-758-2160

Amount Paid 25.00



COLUMBIA COUNTY OFFICE OF 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-17-08359-110

Building permit No. 000023639

Use Classification SFD, UTILITY

Fire: 47.36

Permit Holder BRYAN ZECHER

Waste: 98.00

Owner of Building CORNERSTONE DEVELOPERS

Total: 145.36

Location: 274 SE VICTORIA GLEN(COUNTRY SIDE EST., LOT 10)

Date: 01/31/2006

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.: 5237
Date: October 5, 2005

REPORT ON IN-PLACE DENSITY TESTS

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

23639

Project: Country Side Estates, Lot No. 10, 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: 10-04-05

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	107.9	4.3	96.3
2.	Approximately 10' Southeast of Northwest Corner of Pad	112.0	11.0	108.3	5.0	96.7
3.	Approximately 10' Northwest of Southeast Corner of Pad	112.0	11.0	108.6	4.8	97.0

Technician: DM/ts


10/6/05
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