

DATE 11/22/2004

**Columbia County Building Permit**

PERMIT

This Permit Expires One Year From the Date of Issue

000022525

APPLICANT K. MELAINE CLYATT PHONE 386 496-2488

ADDRESS P.O. BOX 180 WORTHINGTON SPRINGS FL 32697

OWNER K. MELAINE CLYATT PHONE 386 496-2480

ADDRESS 250 SOUTHWEST PLEASANT WAY LAKE CITY FL 32055

CONTRACTOR KENNETH M. CLYATT, JR PHONE 386 496-2488

LOCATION OF PROPERTY 247S, TL ON CALLAHAN, TL INTO CALLOWAY SUBDIVISION, TR ON  
PLEASANT WAY, 4TH ON LEFT

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 99600.00

HEATED FLOOR AREA 1992.00 TOTAL AREA 2746.00 HEIGHT .00 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 8/12 FLOOR SLAB

LAND USE & ZONING RSF-2 MAX. HEIGHT 22

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-16-03023-357 SUBDIVISION CALLOWAY

LOT 57 BLOCK \_\_\_\_\_ PHASE \_\_\_\_\_ UNIT \_\_\_\_\_ TOTAL ACRES .50

000000458 Y CRC1327385 Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor

CULVERT WAIVER 04-1060-N BK JK Y

Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: ONE FOOT ABOVE THE ROAD, NOC ON FILECheck # or Cash 5506**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 \$ 500.00 CERTIFICATION FEE \$ 13.73 SURCHARGE FEE \$ 13.73

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

FLOOD ZONE DEVELOPMENT FEE \$ \_\_\_\_\_ CULVERT FEE \$ 25.00 TOTAL FEE 602.46

INSPECTORS OFFICE CLERKS OFFICE 

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

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

**This Permit Must Be Prominently Posted on Premises During Construction**

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

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



# COLUMBIA COUNTY BUILDING PERMIT APPLICATION

For Office Use Only Application # 0410-77 Date Received 10/28/04 By LT Permit # 458/22525  
 Application Approved by - Zoning Official BLK Date 17.11.04 Plans Examiner \_\_\_\_\_ Date \_\_\_\_\_  
 Flood Zone Xp Development Permit N/A Zoning RSF-2 Land use Plan Map Category RES. Low Den  
 Comments \_\_\_\_\_

Clay Electric

City Water

Applicants Name Kenneth M. Clyatt, Jr. Phone (386)496-2488  
 Address Post Office Box 180, Worthington Springs, Florida 32697  
 Owners Name K. Melaine Clyatt and W.S. Howard, Jr. Phone (386)496-2480  
 911 Address 250 Southwest Pleasant Way, Lake City, Florida 32055  
 Contractors Name Kenneth M. Clyatt, Jr. Phone (386)496-2488  
 Address Post Office Box 180, Worthington Springs, Florida 32697  
 Fee Simple Owner Name & Address K. Melaine Clyatt and W.S. Howard, Jr.  
 Bonding Co. Name & Address \_\_\_\_\_  
 Architect/Engineer Name & Address Nicholas Paul Geisler, Architect, 1758 NW Brown Rd., Lake City, FL 32055  
 Mortgage Lenders Name & Address \_\_\_\_\_

Property ID Number 15-4S-16-03023-357 Estimated Cost of Construction \$145,000.00  
 Subdivision Name Calloway Lot 57 Block \_\_\_\_\_ Unit \_\_\_\_\_ Phase III  
 Driving Directions 247 South of Lake City, 3 miles left on Callahan, 1/4 mile left into Calloway Subdivision, Lot 57  
TR on Pleasant Way, 4th on left  
 Type of Construction Conventional Number of Existing Dwellings on Property -0-  
 Total Acreage 1/2 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 50' Side 25.75' Side 27.75' Rear 84.5'  
 Total Building Height 22' Number of Stories 1 Heated Floor Area 1,992 Sq. Ft. 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.**

[Signature]  
 Owner Builder or Agent (Including Contractor)

[Signature]  
 Contractor Signature  
 Contractors License Number CRC1327385  
 Competency Card Number \_\_\_\_\_

STATE OF FLORIDA  
 COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.  
 Personally known \_\_\_\_\_ or Produced Identification \_\_\_\_\_

NOTARY STAMP/SEAL

\_\_\_\_\_  
 Notary Signature



# APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

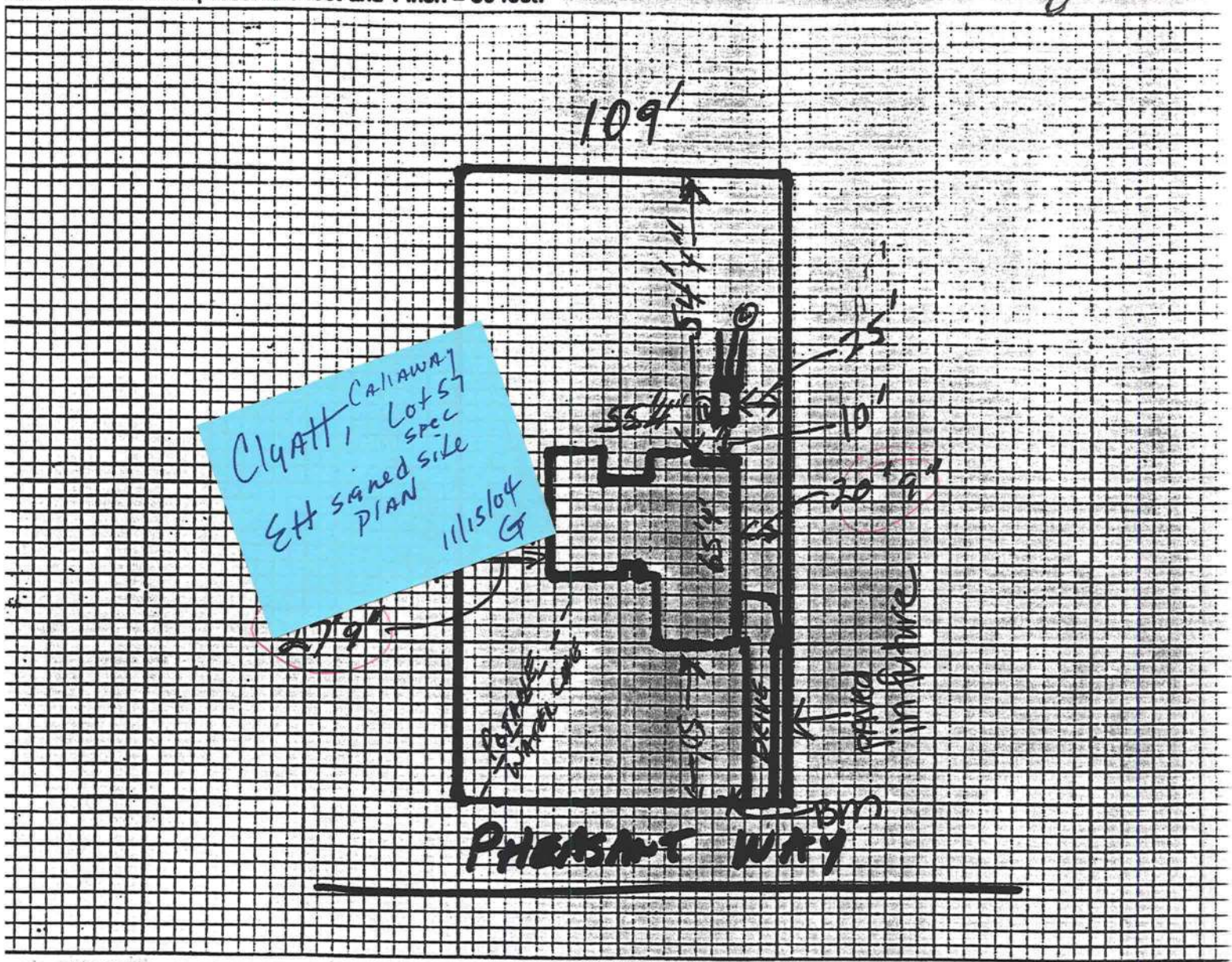
**Permit Application Number**

04-1060-N

## PART II - SITE PLAN

Coyote

**cale: Each block represents 5 feet and 1 inch = 50 feet.**



Notes: \_\_\_\_\_

te Plan submitted by: CAJUT OWNER  
 Signature Title

an Approved ☒ Not Approved ☐ Date 11-2-04  
Sallie A. Haddy-ESI-COLUMBIA County Health Department

**ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT**



**Columbia County Building Department  
Culvert Permit**

**Culvert Permit No.  
000000458**

DATE 11/22/2004 PARCEL ID # 15-4S-16-03023-357  
APPLICANT K. MELAINE CLYATT PHONE 496-2488  
ADDRESS P.O. BOX 180 WORTHINGTON SPRINGS FL 32697  
OWNER K. MELANINE CLYATT PHONE 386 496-2488  
ADDRESS 250 SOUTHWEST PLEASANT WAY LAKE CITY FL 32055  
CONTRACTOR KENNTH M, CLYATT, JR PHONE 386 496-2488  
LOCATION OF PROPERTY 247 S, TL ON CALLHAN, TL INTO CALLOWAY, TR ON PLEASANT WAY,  
4TH ON LEFT  
SUBDIVISION/LOT/BLOCK/PHASE/UNIT CALLAWAY 57

SIGNATURE



**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.



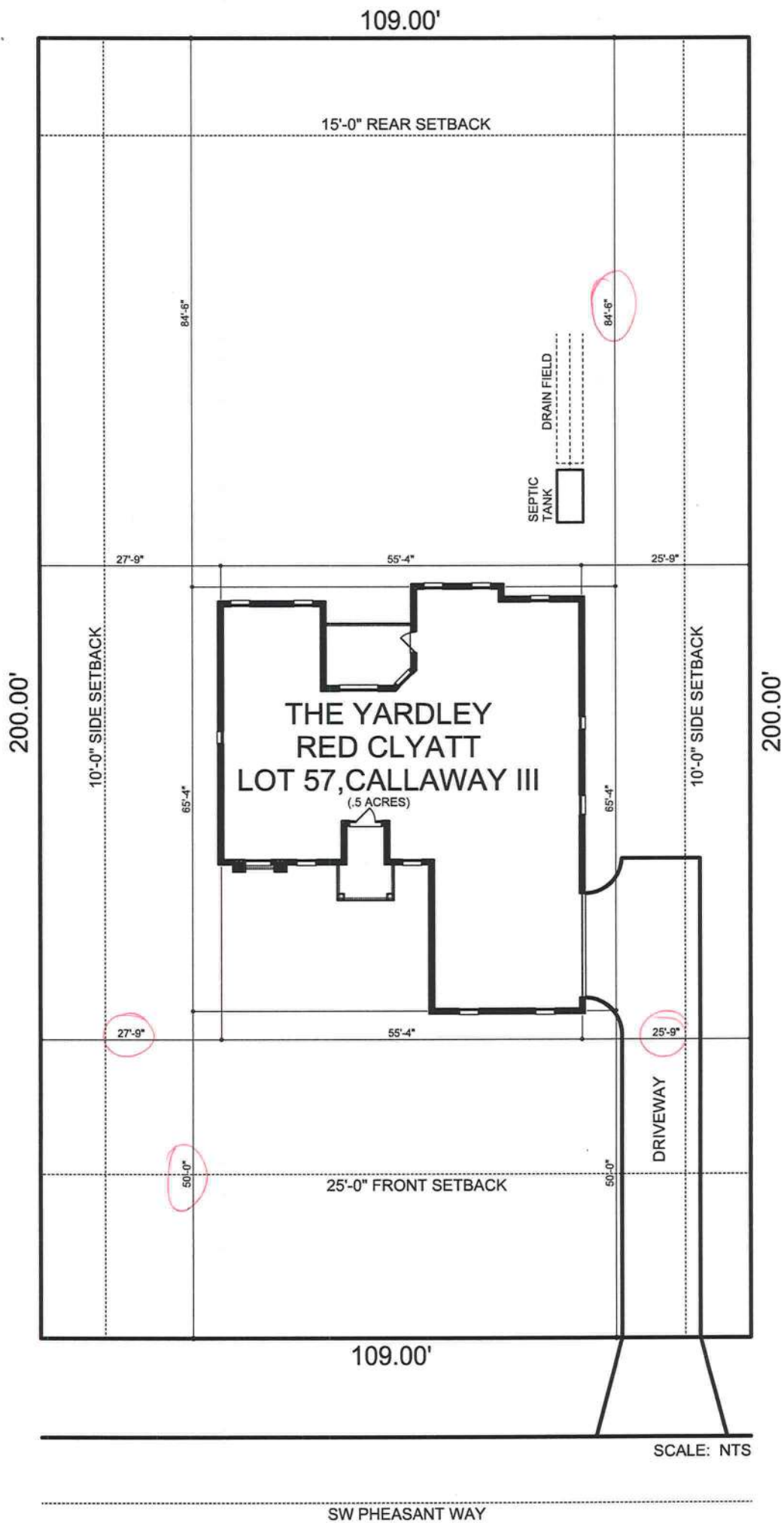
Other \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

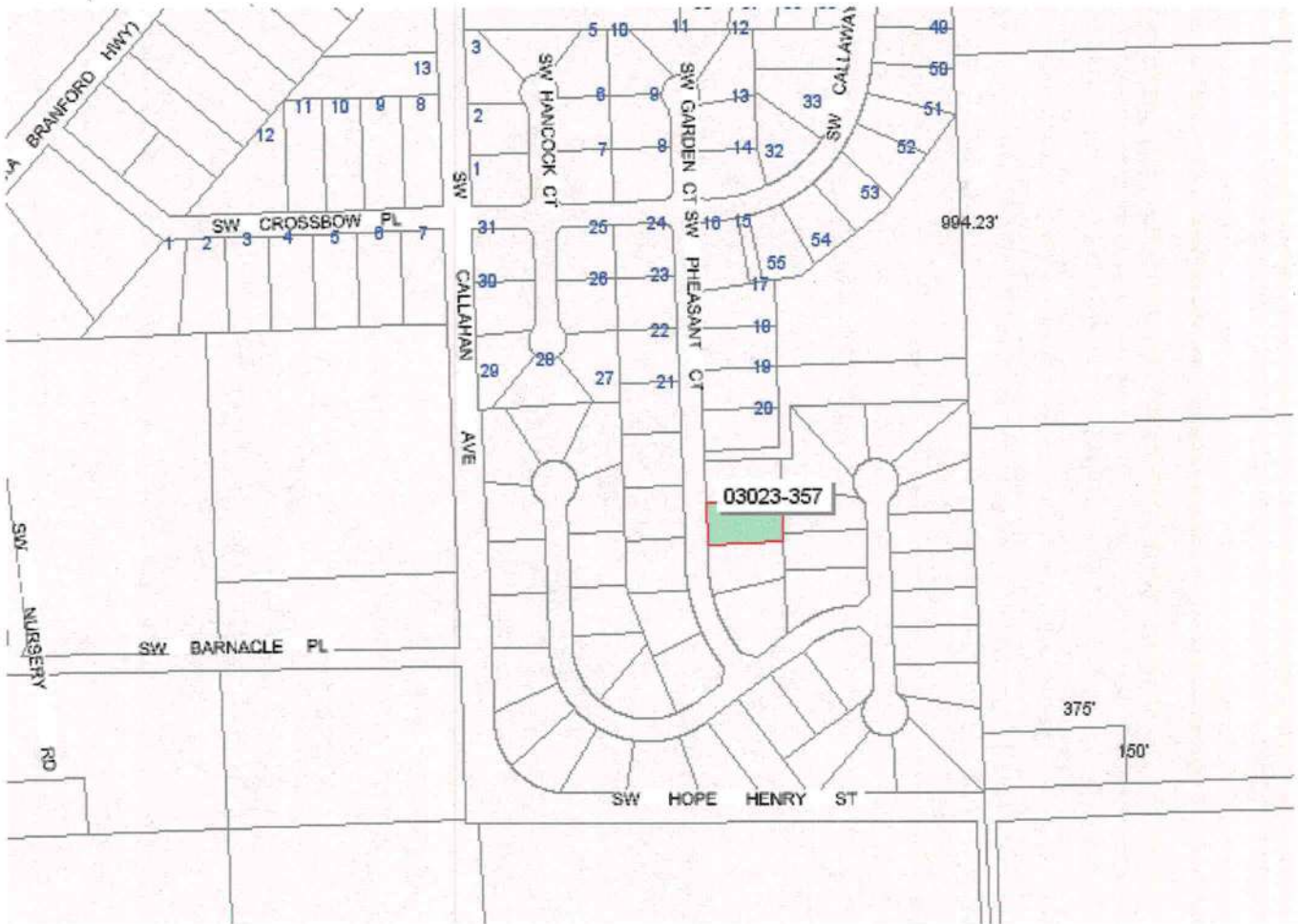
**ALL PROPER SAFETY REQUIREMENTS SHOULD BE FOLLOWED  
DURING THE INSTALATION OF THE CULVERT.**

135 NE Hernando Ave., Suite B-21  
Lake City, FL 32055  
Phone: 386-758-1008 Fax: 386-758-2160

**Amount Paid 25.00**









FLORIDA ENERGY EFFICIENCY CODE
FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name: Red Clyatt
Address: Lot: 57, Sub: Callaway III, Plat:
City, State: Lake City, FL 32055-
Owner: Spec House
Climate Zone: North
Builder: Red Clyatt
Permitting Office:
Permit Number: 22525
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 4
5. Is this a worst case? No
6. Conditioned floor area (ft²) 1992 ft²
7. Glass area & type
a. Clear - single pane 0.0 ft²
b. Clear - double pane 235.0 ft²
c. Tint/other SHGC - single pane 0.0 ft²
d. Tint/other SHGC - double pane 0.0 ft²
8. Floor types
a. Slab-On-Grade Edge Insulation R=0.0, 231.0(p) ft
b. N/A
c. N/A
9. Wall types
a. Frame, Wood, Exterior R=13.0, 1460.0 ft²
b. N/A
c. N/A
d. N/A
e. N/A
10. Ceiling types
a. Under Attic R=30.0, 2192.0 ft²
b. N/A
c. N/A
11. Ducts
a. Sup: Unc. Ret: Unc. AH: Garage Sup. R=6.0, 45.0 ft
b. N/A
12. Cooling systems
a. Central Unit Cap: 39.0 kBtu/hr SEER: 11.00
b. N/A
c. N/A
13. Heating systems
a. Electric Heat Pump Cap: 39.0 kBtu/hr HSPF: 6.80
b. N/A
c. N/A
14. Hot water systems
a. Electric Resistance Cap: 50.0 gallons EF: 0.90
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: 0.12 Total as-built points: 29525 Total base points: 31349 PASS

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.
PREPARED BY: Will Myers
DATE: 9.19.04
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:
GREAT SEAL OF THE STATE OF FLORIDA
IN GOD WE TRUST

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 57, Sub: Callaway III, Plat: , Lake City, FL, 32055-

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	1992.0	20.04	7185.5	Double, Clear	W	1.5	6.0	75.0	36.99	0.91	2533.6
				Double, Clear	W	11.5	6.0	30.0	36.99	0.41	458.4
				Double, Clear	SW	11.5	6.0	15.0	38.46	0.40	229.2
				Double, Clear	S	14.5	7.7	20.0	34.50	0.45	313.2
				Double, Clear	N	1.5	4.0	6.0	19.22	0.88	101.6
				Double, Clear	N	1.5	6.0	15.0	19.22	0.94	270.6
				Double, Clear	E	1.5	6.0	30.0	40.22	0.91	1101.4
				Double, Clear	E	13.5	9.7	22.0	40.22	0.45	394.2
				Double, Clear	E	1.5	6.0	16.0	40.22	0.91	587.4
				Double, Clear	S	1.5	4.0	6.0	34.50	0.74	153.4
				As-Built Total:							235.0
WALL TYPES    Area X BSPM = Points				Type							



SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 57, Sub: Callaway III, Plat: , Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT							
Summer Base Points: 25075.0				Summer As-Built Points: 23060.4							
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
25075.0		0.4266	10697.0	23060.4		1.000	(1.090 x 1.147 x 1.00)	0.310	1.000		8945.4
				23060.4		1.00	1.250	0.310	1.000		8945.4



WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 57, Sub: Callaway III, Plat: , Lake City, FL, 32055-

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	1992.0	12.74	4568.1	Double, Clear	W	1.5	6.0	75.0	10.77	1.02	826.4	
				Double, Clear	W	11.5	6.0	30.0	10.77	1.22	394.2	
				Double, Clear	SW	11.5	6.0	15.0	7.17	1.91	205.9	
				Double, Clear	S	14.5	7.7	20.0	4.03	3.48	280.8	
				Double, Clear	N	1.5	4.0	6.0	14.30	1.01	86.3	
				Double, Clear	N	1.5	6.0	15.0	14.30	1.00	215.1	
				Double, Clear	E	1.5	6.0	30.0	9.09	1.04	282.4	
				Double, Clear	E	13.5	9.7	22.0	9.09	1.37	274.5	
				Double, Clear	E	1.5	6.0	16.0	9.09	1.04	150.6	
				Double, Clear	S	1.5	4.0	6.0	4.03	1.34	32.5	
				As-Built Total:			235.0		2748.6			
WALL TYPES Area X BWPM = Points				Type	R-Value			Area X WPM = Points				
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	13.0			1460.0		3.40		4964.0
Exterior	1460.0	3.70	5402.0									
Base Total: 1460.0 5402.0				As-Built Total:			1460.0		4964.0			
DOOR TYPES Area X BWPM = Points				Type	Area X WPM = Points							
Adjacent	20.0	11.50	230.0	Exterior Insulated				20.0		8.40		168.0
Exterior	20.0	12.30	246.0	Adjacent Insulated				20.0		8.00		160.0
Base Total: 40.0 476.0				As-Built Total:			40.0		328.0			
CEILING TYPES Area X BWPM = Points				Type	R-Value			Area X WPM X WCM = Points				
Under Attic	1992.0	2.05	4083.6	Under Attic	30.0			2192.0		2.05 X 1.00		4493.6
Base Total: 1992.0 4083.6				As-Built Total:			2192.0		4493.6			
FLOOR TYPES Area X BWPM = Points				Type	R-Value			Area X WPM = Points				
Slab	231.0(p)	8.9	2055.9	Slab-On-Grade Edge Insulation	0.0			231.0(p)		18.80		4342.8
Raised	0.0	0.00	0.0									
Base Total: 2055.9				As-Built Total:			231.0		4342.8			
INFILTRATION Area X BWPM = Points				Area X WPM = Points								
1992.0 -0.59 -1175.3				1992.0 -0.59 -1175.3								



WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 57, Sub: Callaway III, Plat: , Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT							
Winter Base Points:		15410.3		Winter As-Built Points:				15701.7			
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	
15410.3		0.6274	9668.4	15701.7		1.000	(1.069 x 1.169 x 1.00)	0.501	1.000	9839.7	
				15701.7		1.00	1.250	0.501	1.000	9839.7	



# WATER HEATING & CODE COMPLIANCE STATUS

## Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 57, Sub: Callaway III, Plat: , Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT					
WATER HEATING									
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X	Tank X Ratio	Multiplier X Credit = Total Multiplier
4		2746.00	10984.0	50.0	0.90	4		1.00	2684.98
				As-Built Total:					10739.9

CODE COMPLIANCE STATUS							
BASE				AS-BUILT			
Cooling Points	+	Heating Points	= Total Points	Cooling Points	+	Heating Points	= Total Points
10697		9668	31349	8945		9840	29525

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 57, Sub: Callaway III, Plat: , Lake City, FL, 32055-

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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



# ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE\* = 84.0

The higher the score, the more efficient the home.

Spec House, Lot: 57, Sub: Callaway III, Plat: , Lake City, FL, 32055-

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 39.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 11.00
4. Number of Bedrooms	4	b. N/A	
5. Is this a worst case?	No	c. N/A	
6. Conditioned floor area (ft²)	1992 ft²		
7. Glass area & type		13. Heating systems	
a. Clear - single pane	0.0 ft²	a. Electric Heat Pump	Cap: 39.0 kBtu/hr
b. Clear - double pane	235.0 ft²		HSPF: 6.80
c. Tint/other SHGC - single pane	0.0 ft²	b. N/A	
d. Tint/other SHGC - double pane	0.0 ft²	c. N/A	
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=0.0, 231.0(p) ft	a. Electric Resistance	Cap: 50.0 gallons
b. N/A			EF: 0.90
c. N/A		b. N/A	
9. Wall types		c. Conservation credits	
a. Frame, Wood, Exterior	R=13.0, 1460.0 ft²	(HR-Heat recovery, Solar	
b. N/A		DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits	
d. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
e. N/A		HF-Whole house fan,	
10. Ceiling types		PT-Programmable Thermostat,	
a. Under Attic	R=30.0, 2192.0 ft²	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 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 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](http://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.*

EnergyGauge® (Version: FLR1PB v3.22)

ENERGY PERFORMANCE LEVEL (EPL)
DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE\* = 83.1

The higher the score, the more efficient the home.

CR 239A, Lake City, FL,

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) 1776 ft²
7. Glass area & type Single Pane Double Pane
a. Clear glass, default U-factor 0.0 ft² 217.0 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, 196.0(p) ft
b. N/A
c. N/A
9. Wall types
a. Frame, Wood, Exterior R=11.0, 1063.0 ft²
b. Frame, Wood, Adjacent R=11.0, 220.0 ft²
c. N/A
d. N/A
e. N/A
10. Ceiling types
a. Under Attic R=30.0, 1894.0 ft²
b. N/A
c. N/A
11. Ducts
a. Sup: Unc. Ret: Unc. AH: Interior Sup. R=6.0, 200.0 ft
b. N/A
12. Cooling systems
a. Central Unit Cap: 34.0 kBtu/hr SEER: 10.00
b. N/A
c. N/A
13. Heating systems
a. Electric Heat Pump Cap: 34.0 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)

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: [Signature] Date:

Address of New Home: 250 SW Pleasant Way City/FL Zip: Lake City 32053



\*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 at 850/487-1824. EnergyGauge® (Version: FLR2PB v3.4)



# Residential System Sizing Calculation

## Summary

Spec House  
Lake City, FL 32055-

Project Title:  
Red Clyatt

Class 3 Rating  
Registration No. 0  
Climate: North

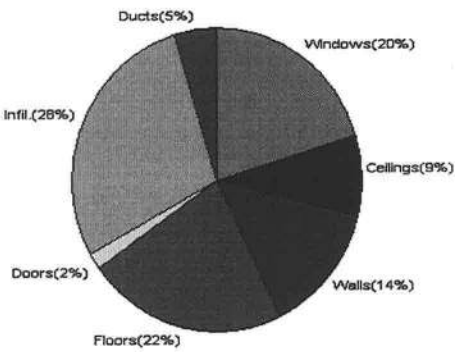
9/16/2004

Location for weather data: Gainesville - User customized: Latitude(29) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (78F) Humidity difference(51gr.)			
Winter design temperature	31 F	Summer design temperature	99 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	39 F	Summer temperature difference	24 F
<b>Total heating load calculation</b>	<b>32565 Btuh</b>	<b>Total cooling load calculation</b>	<b>37547 Btuh</b>
Submitted heating capacity	39000 Btuh	Submitted cooling capacity	39000 Btuh
Submitted as % of calculated	119.8 %	Submitted as % of calculated	103.9 %

## WINTER CALCULATIONS

Winter Heating Load (for 1992 sqft)

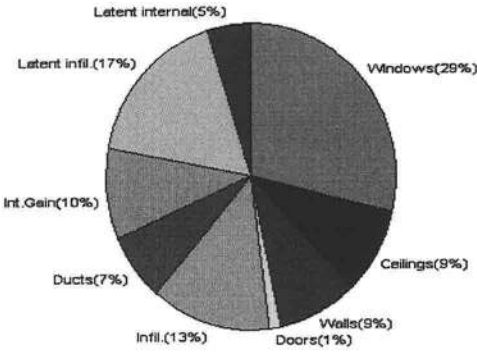
Load component		Load	
Window total	235 sqft	6651	Btuh
Wall total	1460 sqft	4526	Btuh
Door total	40 sqft	555	Btuh
Ceiling total	2192 sqft	2850	Btuh
Floor total	231 ft	7300	Btuh
Infiltration	213 cfm	9134	Btuh
<b>Subtotal</b>		<b>31014</b>	<b>Btuh</b>
Duct loss		1551	Btuh
<b>TOTAL HEAT LOSS</b>		<b>32565</b>	<b>Btuh</b>



## SUMMER CALCULATIONS

Summer Cooling Load (for 1992 sqft)

Load component		Load	
Window total	235 sqft	10848	Btuh
Wall total	1460 sqft	3241	Btuh
Door total	40 sqft	518	Btuh
Ceiling total	2192 sqft	3463	Btuh
Floor total		0	Btuh
Infiltration	186 cfm	4918	Btuh
Internal gain		3600	Btuh
<b>Subtotal(sensible)</b>		<b>26588</b>	<b>Btuh</b>
Duct gain		2659	Btuh
<b>Total sensible gain</b>		<b>29247</b>	<b>Btuh</b>
Latent gain(infiltration)		6461	Btuh
Latent gain(internal)		1840	Btuh
<b>Total latent gain</b>		<b>8301</b>	<b>Btuh</b>
<b>TOTAL HEAT GAIN</b>		<b>37547</b>	<b>Btuh</b>



EnergyGauge® System Sizing based on ACCA Manual J.

PREPARED BY: \_\_\_\_\_

DATE: \_\_\_\_\_

# System Sizing Calculations - Winter

## Residential Load - Component Details

Spec House  
Lake City, FL 32055-

Project Title:  
Red Clyatt

Class 3 Rating  
Registration No. 0  
Climate: North

Reference City: Gainesville (User customized) Winter Temperature Difference: 39.0 F

9/16/2004

Window	Panes/SHGC/Frame/U	Orientation	Area X	HTM=	Load
1	2, Clear, Metal, DEF	W	75.0	28.3	2122 Btuh
2	2, Clear, Metal, DEF	W	30.0	28.3	849 Btuh
3	2, Clear, Metal, DEF	SW	15.0	28.3	424 Btuh
4	2, Clear, Metal, DEF	S	20.0	28.3	566 Btuh
5	2, Clear, Metal, DEF	N	6.0	28.3	170 Btuh
6	2, Clear, Metal, DEF	N	15.0	28.3	424 Btuh
7	2, Clear, Metal, DEF	E	30.0	28.3	849 Btuh
8	2, Clear, Metal, DEF	E	22.0	28.3	623 Btuh
9	2, Clear, Metal, DEF	E	16.0	28.3	453 Btuh
10	2, Clear, Metal, DEF	S	6.0	28.3	170 Btuh
Window Total			235		6651 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Exterior	13.0	1460	3.1	4526 Btuh
Wall Total			1460		4526 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exter		20	18.3	367 Btuh
2	Insulated - Adjac		20	9.4	188 Btuh
Door Total			40		555Btuh
Ceilings	Type	R-Value	Area X	HTM=	Load
1	Under Attic	30.0	2192	1.3	2850 Btuh
Ceiling Total			2192		2850Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab-On-Grade Edge Insul	0	231.0 ft(p)	31.6	7300 Btuh
Floor Total			231		7300 Btuh
Infiltration	Type	ACH X	Building Volume	CFM=	Load
	Natural	0.80	15936(sqft)	213	9134 Btuh
	Mechanical			0	0 Btuh
Infiltration Total				213	9134 Btuh

Totals for Heating	Subtotal	31014 Btuh
	Duct Loss(using duct multiplier of 0.05)	1551 Btuh
	Total Btuh Loss	32565 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

Spec House  
Lake City, FL 32055-

Project Title:  
Red Clyatt

Class 3 Rating  
Registration No. 0  
Climate: North

Reference City: Gainesville (User customized)    Summer Temperature Difference: 24.0 F    9/16/2004

Window	Type	Overhang		Window Area(sqft)			HTM		Load		
	Panes/SHGC/U/InSh/ExSh Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded			
1	2, Clear, DEF, N, N	W	1.5	6	75.0	15.6	59.4	25	74	4787	Btuh
2	2, Clear, DEF, N, N	W	11.5	6	30.0	30.0	0.0	25	74	750	Btuh
3	2, Clear, DEF, N, N	SW	11.5	6	15.0	15.0	0.0	25	65	375	Btuh
4	2, Clear, DEF, N, N	S	14.5	7.66	20.0	20.0	0.0	25	39	500	Btuh
5	2, Clear, DEF, N, N	N	1.5	4	6.0	0.0	6.0	25	25	150	Btuh
6	2, Clear, DEF, N, N	N	1.5	6	15.0	0.0	15.0	25	25	375	Btuh
7	2, Clear, DEF, N, N	E	1.5	6	30.0	4.0	26.0	25	74	2026	Btuh
8	2, Clear, DEF, N, N	E	13.5	9.66	22.0	22.0	0.0	25	74	550	Btuh
9	2, Clear, DEF, N, N	E	1.5	6	16.0	0.0	16.0	25	74	1184	Btuh
10	2, Clear, DEF, N, N	S	1.5	4	6.0	6.0	0.0	25	39	150	Btuh
Window Total					235					10848	Btuh
Walls 1	Type	R-Value			Area			HTM		Load	
	Frame - Exterior	13.0			1460.0			2.2		3241 Btuh	
	Wall Total				1460.0					3241 Btuh	
Doors 1 2	Type				Area			HTM		Load	
	Insulated - Exter				20.0			12.9		259 Btuh	
	Insulated - Adjac				20.0			12.9		259 Btuh	
Door Total					40.0					518 Btuh	
Ceilings 1	Type/Color	R-Value			Area			HTM		Load	
	Under Attic/Dark	30.0			2192.0			1.6		3463 Btuh	
	Ceiling Total				2192.0					3463 Btuh	
Floors 1	Type	R-Value			Size			HTM		Load	
	Slab-On-Grade Edge Insulation	0.0			231.0 ft(p)			0.0		0 Btuh	
	Floor Total				231.0					0 Btuh	
Infiltration	Type	ACH			Volume			CFM=		Load	
	Natural	0.70			15936			186.3		4918 Btuh	
	Mechanical							0		0 Btuh	
	Infiltration Total							186		4918 Btuh	
Internal gain	Occupants			Btuh/occupant			Appliance		Load		
	8			X 300 +			1200		3600 Btuh		

# Manual J Summer Calculations

## Residential Load - Component Details (continued)

Spec House

Lake City, FL 32055-

Project Title:

Red Clyatt

Class 3 Rating

Registration No. 0

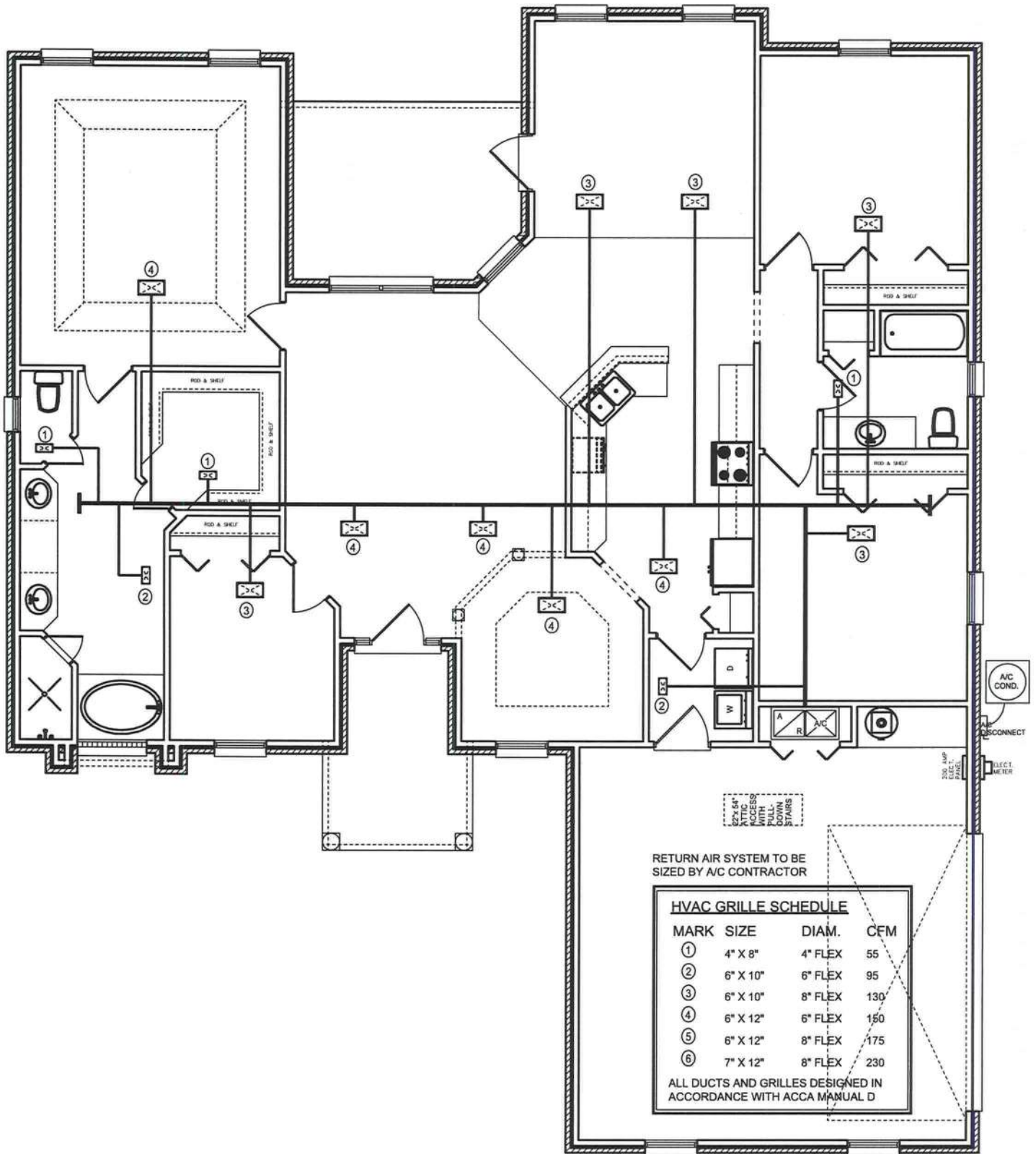
Climate: North

9/16/2004

Totals for Cooling	Subtotal	26588 Btuh
	Duct gain(using duct multiplier of 0.10)	2659 Btuh
	Total sensible gain	29247 Btuh
	Latent infiltration gain (for 51 gr. humidity difference)	6461 Btuh
	Latent occupant gain (8 people @ 230 Btuh per person)	1840 Btuh
	Latent other gain	0 Btuh
	TOTAL GAIN	37547 Btuh

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)





RETURN AIR SYSTEM TO BE  
SIZED BY A/C CONTRACTOR

HVAC GRILLE SCHEDULE			
MARK	SIZE	DIAM.	CFM
①	4" X 8"	4" FLEX	55
②	6" X 10"	6" FLEX	95
③	6" X 10"	8" FLEX	130
④	6" X 12"	6" FLEX	150
⑤	6" X 12"	8" FLEX	175
⑥	7" X 12"	8" FLEX	230

ALL DUCTS AND GRILLES DESIGNED IN  
ACCORDANCE WITH ACCA MANUAL D

CLYATT K MELAINE &

1	LOT 57, CALLAWAY S/D, PHASE 3., WD 1025-508.	2
3		4
5		6
7		8
9		10
11		12
13		14
15		16
17		18
19		20
21		22
23		24
25		26
27		28



NOTICE OF COMMENCEMENT FORM  
COLUMBIA COUNTY, FLORIDA

0410-77

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 15-4S-16-03023-357

1. Description of Property: (Legal Description of the Property and Street Address or 911 Address)  
Lot 57, Calloway Phase III, a subdivision according to the plat thereof as recorded in Plat Book 7, Pages 145-146 of the Public Records of Columbia County, Florida.
2. General Description of Improvement: New residential construction
3. Owner Name & Address: K. Melaine Clyatt and W.S. Howard, Jr., Post Office Box 180, Worthington Springs, Florida 32697 Interest in Property: 100%
4. Name & Address of Fee Simple Owner (If Other than Owner): \_\_\_\_\_
5. Contractor Name: Kenneth M. Clyatt, Jr. Phone Number: (386)496-2488  
Address: Post Office Box 180, Worthington Springs, Florida 32697
6. Surety Holder's Name: \_\_\_\_\_ Inst: 2004024397 Date: 11/01/2004 Time: 12:46  
Address: \_\_\_\_\_ DC, P. DeWitt Cason, Columbia County B:1029 P:1282
7. Lender Name: \_\_\_\_\_  
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: \_\_\_\_\_ 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]  
Signature of Owner

Sworn to (or affirmed) and subscribed before  
day of October 28, 2004

NOTARY STAMP/SEAL

[Signature]

Signature of Notary Arlene Rigano  
My Commission DD133285  
Expires August 18, 2006

THIS INSTRUMENT WAS PREPARED BY:

TERRY McDAVID 04-668  
POST OFFICE BOX 1328  
LAKE CITY, FL 32056-1328

RETURN TO:

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

Inst:2004020367 Date:09/02/2004 Time:14:31

Doc Stamp-Deed : 163.80

mk DC, P. DeWitt Cason, Columbia County B:1025 P:508

Property Appraiser's  
Identification Number: Part of R03023-099

### WARRANTY DEED

THIS INDENTURE, made this 2nd day of September, 2004, BETWEEN DANIEL CRAPPS, as Trustee under Trust Agreement dated January 14, 1996, known as CALLAWAY LAND TRUST, whose post office address is 2806 W. US Highway 90, Suite 101, Lake City, FL 32055, of the County of Columbia, State of Florida, grantor\*, and K. MELAINE CLYATT and W.S. HOWARD, JR., each as to an undivided 1/2 interest, whose post office address Post Office Box 180, Worthington Springs, FL 32697, of the 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 heirs and assigns forever, the following described land, situate, lying and being in Columbia County, Florida, to-wit:

Lot 57, CALLAWAY PHASE III, a subdivision according to the plat thereof as recorded in Plat Book 7, Pages 145-146 of the public records of Columbia County, Florida.

SUBJECT TO: Restrictions, easements and outstanding mineral rights of record, if any, and taxes for the current year.

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



## THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

- ✓ 1. **Building Permit Application:** A current Building Permit Application form is to be completed and submitted for all residential projects.
- ✓ 2. **Parcel Number:** The parcel number (Tax ID number) from the Property Appraiser (386) 758-1084 is required. A copy of property deed is also requested.
- ✓ 3. **Environmental Health Permit or Sewer Tap Approval:** A copy of the Environmental Health permit, existing septic approval or sewer tap approval is required before a building permit can be issued.  
(386) 758-1058 ( Toileet facilities shall be provided for construction workers )
- N/A 4. **City Approval:** If the project is to be located within the city limits of the Town of Fort White, prior approval is required. The Town of Fort White approval letter is required to be submitted by the owner or contractor to this office when applying for a Building Permit. (386) 497-2321
- BK 5. **Flood Information:** All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.8 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.7 of the Columbia County Land Development Regulations. **CERTIFIED FINISHED FLOOR ELEVATIONS WILL BE REQUIRED ON ANY PROJECT WHERE THE BASE FLOOD ELEVATION (100 YEAR FLOOD) HAS BEEN ESTABLISHED.**  
A development permit will also be required. Development permit cost is \$50.00
- JW 6. **Driveway Connection:** If the property does not have an existing access to a public road, then an application for a culvert permit (\$25.00) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (\$50.00). All culvert waivers are sent to the Columbia County Public Works Department for approval or denial.
- JW 7. **911 Address:** If the project is located in an area where the 911 address has been issued, then the proper paperwork from the 911 Addressing Department must be submitted. (386) 752-8787

**ALL REQUIRED INFORMATION IS TO BE SUBMITTED FOR REVIEW. YOU WILL BE NOTIFIED WHEN YOUR APPLICATION AND PLANS ARE APPROVED AND READY TO PERMIT. PLEASE DO NOT EXPECT OR REQUEST THAT PERMIT APPLICATIONS BE REVIEWED OR APPROVED WHILE YOU ARE HERE – TIME WILL NOT ALLOW THIS –PLEASE DO NOT ASK**



**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 15-4S-16-03023-357

Building permit No. 000022525

Use Classification SFD, UTILITY

Fire: 11.34

Permit Holder KENNETH M. CLYATT, JR

Waste: 24.50

Owner of Building K. MELAINE CLYATT

Total: 35.84

Location: 250 SW PLEASANT WAY(CALLAWAY, LOT 57)

Date: 07/26/2005

*Harry Dicke*

Building Inspector

**POST IN A CONSPICUOUS PLACE**  
*(Business Places Only)*





# Notice of Preventative Treatments for Termites

## SHEFFIELD PEST CONTROL

904-964-9111

# 22525

Lot 57 Calhoun

Address of Treatment or Lot/Block of Treatment

2-14-05

9:00

Frank

Date

Time

Applicator

Demon

500

Product Used

Chemical used  
(Active Ingredients)

Number of Gallons Applied

.25

2387

Percent Concentration

Area Treated (Sq. Ft.)

Linear Feet Treated

# Notice of Preventative Treatments for Termites

## SHEFFIELD PEST CONTROL

904-964-9111

22525

Lot 57 Calhoun

Address of Treatment or Lot/Block of Treatment

2-14-05

9:00

Frank

Date

Time

Applicator

Demon

500

Product Used

Chemical used  
(Active Ingredients)

Number of Gallons Applied

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2387

Percent Concentration

Area Treated (Sq. Ft.)

Linear Feet Treated