

DATE 05/11/2005

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000023135

APPLICANT ANNETTE TUNSIL PHONE 961.9576

ADDRESS 149 BALBOA PLACE LAKE CITY FL 32025

OWNER ANNETTE TUNSIL PHONE 961.9576

ADDRESS 139 NW MERCURY COURT LAKE CITY FL 32055

CONTRACTOR ANNETTE TUNSIL PHONE 961.9576

LOCATION OF PROPERTY 90-W TO BROWN RD,TR GO TO STAR LAKE ESTATES,TR GO TO MERCURY CT.,TR AND IT'S THE 1ST. LOT ON R.

TYPE DEVELOPMENT SFD & UTILITY ESTIMATED COST OF CONSTRUCTION 119800.00

HEATED FLOOR AREA 2396.00 TOTAL AREA 3156.00 HEIGHT 18.00 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 7'12 FLOOR CONC

LAND USE & ZONING RSF-2 MAX. HEIGHT 35

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

NO. EX.D.U. 0 FLOOD ZONE XPP DEVELOPMENT PERMIT NO. _____

PARCEL ID 28-3S-16-02372-070 SUBDIVISION STAR LAKE ESTATES

LOT 20 BLOCK _____ PHASE _____ UNIT _____ TOTAL ACRES .50

000000659 Y Annette Tunsil

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

WAIVER 05-0424-N BLK N

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

COMMENTS: 1 FOOT ABOVE ROAD

Check # or Cash 643

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 \$ 600.00 CERTIFICATION FEE \$ 15.78 SURCHARGE FEE \$ 15.78

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

FLOOD ZONE DEVELOPMENT FEE \$ _____ CULVERT FEE \$ _____ TOTAL FEE 681.56

INSPECTORS OFFICE [Signature] CLERKS OFFICE [Signature]

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.

New Construction Subterranean Termite Soil Treatment Record

OMB Approval No. 2502-0046
(exp. 10/31/2005)

This form is completed by the licensed Pest Control Company.

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This information is mandatory and is required to obtain benefits. HUD may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.

Section 24 CFR 200.926d(b)(3) requires that the sites for HUD insured structures must be free of termite hazards. This information collection requires the builder to certify that an authorized Pest Control company performed all required treatment for termites, and that the builder guarantees the treated area against infestation for one year. Builders, pest control companies, mortgage lenders, homebuyers, and HUD as a record of treatment for specific homes will use the information collected. The information is not considered confidential.

This report is submitted for informational purposes to the builder on proposed (new) construction cases when soil treatment for prevention of subterranean termite infestation is specified by the builder, architect, or required by the lender, architect, FHA, or VA.

All contracts for services are between the Pest Control Operator and builder, unless stated otherwise.

23135

Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.
Company Address: 361 NW Cole Terrace City Lake City State FL Zip 32055
Company Business License No. JE108476 Company Phone No. 386-755-3611
FHA/VA Case No. (if any) _____

Section 2: Builder Information

Company Name: Aaron Siqueira Homes Company Phone No. _____

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) Lot # 116 Starlakes S/D
118 SW Mercury Ct.
Type of Construction (More than one box may be checked) ☒ Slab ☐ Basement ☐ Crawl ☐ Other _____
Approximate Depth of Footing: Outside 1" Inside 1" Type of Fill Sand

Section 4: Treatment Information

Date(s) of Treatment(s) 7/27/05
Brand Name of Product(s) Used Surrender TC
EPA Registration No. 70907-7-53883
Approximate Final Mix Solution % 0.5%
Approximate Size of Treatment Area: Sq. ft. 2943 Linear ft. 260 Linear ft. of Masonry Voids 244
Approximate Total Gallons of Solution Applied 450 gals.
Was treatment completed on exterior? ☐ Yes ☒ No
Service Agreement Available? ☒ Yes ☐ No

Note: Some state laws require service agreements to be issued. This form does not preempt state law.

Attachments (List) _____

Comments _____

Name of Applicator(s) S. Gregory Certification No. (if required by State law) JF104376

The applicator has used a product in accordance with the product label and state requirements. All treatment materials and methods used comply with state and federal regulations.

Authorized Signature [Signature] Date 7/27/05

Warning: HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010, 1012; 31 U.S.C. 3729, 3802)

Form NPCA-99-B may still be used

form HUD-NPCA-99-B (04/2003)

Order Product #2581 • From Crown Graphics, Inc. • 1-800-252-4011

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0504-93 Date Received 4/28/05 By JW Permit # 231351659
 Application Approved by - Zoning Official BLK Date 10.05.05 Plans Examiner OK JTH Date 5-5-05
 Flood Zone Xpupht Development Permit N/A Zoning RSF-2 Land Use Plan Map Category RES Low Dev.
 Comments - NOC NEEDED
 ADvised 5-10-05 - Juvette (CL# 643) / 644

Applicants Name Annette M. Tunsil Phone 386-365-8906
 Address 149 SW Balboa PL. Lake City FL 32025
 Owners Name Same Phone 386-961-9576
 911 Address 139 NW Mercury CT. Lake City FL 32055
 Contractors Name Same Phone
 Address Same
 Fee Simple Owner Name & Address Same
 Bonding Co. Name & Address Same
 Architect/Engineer Name & Address William Myers, Nicholas Geister Lake City
 Mortgage Lenders Name & Address Annette M. Tunsil 149 SW Balboa PL. Lake City
 Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
 Property ID Number 28-35-16-02372-070 Estimated Cost of Construction \$150,000
 Subdivision Name Star Lakes Estates Lot 20 Block Unit Phase
 Driving Directions Hwy 90 west, Turn Rt. on Brown Road, Turn Rt. into Star Lake Estates, Turn Rt on Mercury CT, First lot on Right.
 Type of Construction Frame / Brick / SFD Number of Existing Dwellings on Property 0
 Total Acreage .50 Lot Size Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
 Actual Distance of Structure from Property Lines - Front 79.0' Side 25.2' Side 60.0' Rear 5.0'
 Total Building Height 18' Number of Stories 1 Heated Floor Area 2396 Roof Pitch 7/12

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.

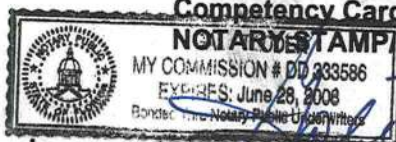
Annette M. Tunsil
 Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
 COUNTY OF COLUMBIA

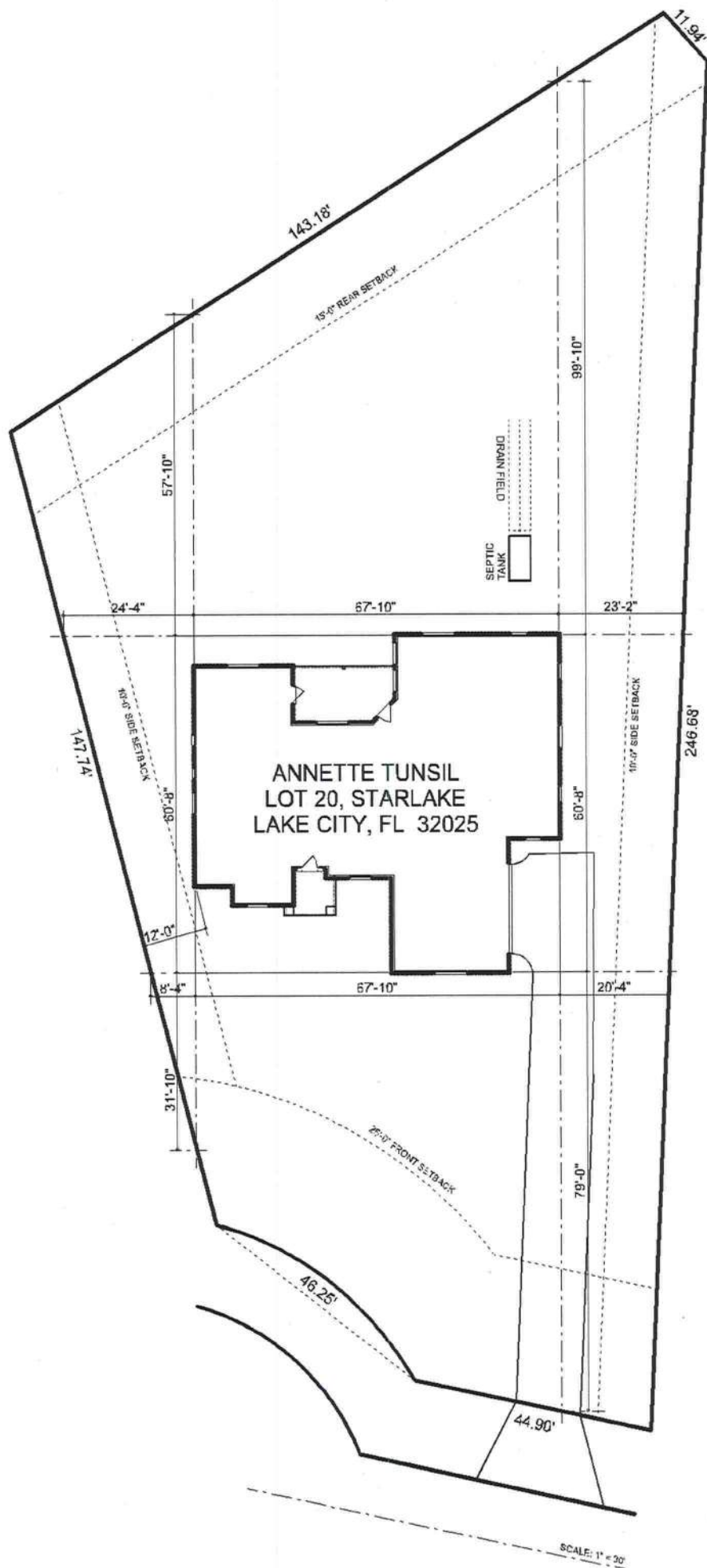
Sworn to (or affirmed) and subscribed before me
 this 27th day of April 2005

Personally known ✓ or Produced Identification

Same
 Contractor Signature
 Contractors License Number
 Competency Card Number



[Signature]
 Notary Signature





STATE OF FLORIDA
DEPARTMENT OF HEALTH

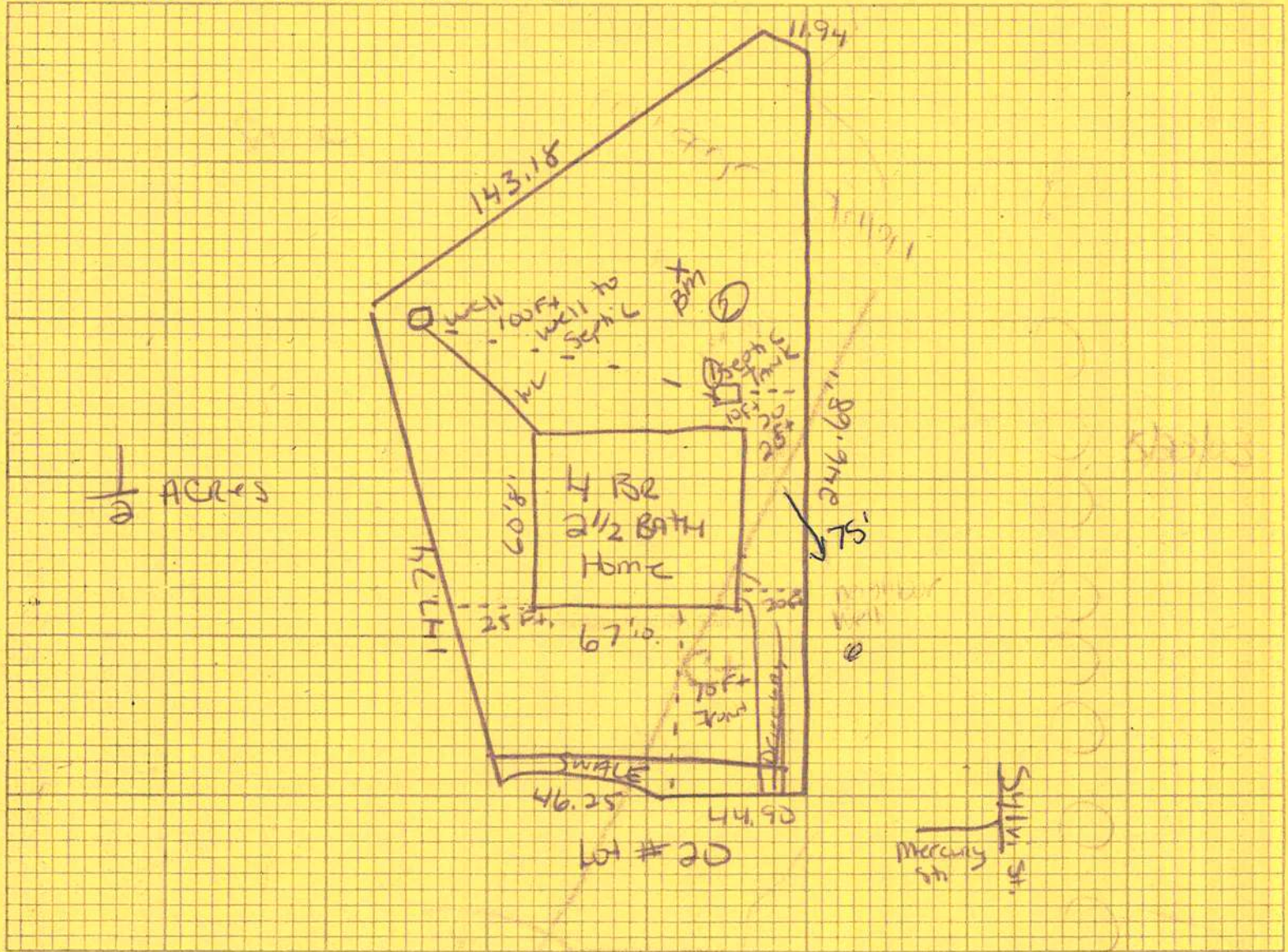
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number

05-0424N

PART II - SITE PLAN

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



Notes:

Site Plan submitted by: Annette Tunsil / Annette Tunsil Signature Title

Plan Approved X Not Approved _____ Date 4-15-05

By Salhi Maddy, ES1, Columbia County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

DISCLOSURE STATEMENT

FOR OWNER/BUILDER WHEN ACTING AS THEIR OWN CONTRACTOR AND CLAIMING EXEMPTION OF CONTRACTOR LICENSING REQUIREMENTS IN ACCORDANCE WITH FLORIDA STATUTES, ss. 489.103(7).

State law requires construction to be done by licensed contractors. You have applied for a permit under an exemption to that law. The exemption allows you, as the owner of your property, to act as your own contractor with certain restrictions even though you do not have a license. You must provide direct, onsite supervision of the construction yourself. You may build or improve a one-family or two-family residence or a farm outbuilding. You may also build or improve a commercial building, provided your costs do not exceed \$25,000. The building or residence must be for your own use or occupancy. It may not be built or substantially improved for sale or lease. If you sell or lease a building you have built or substantially improved yourself within 1 year after the construction is complete, the law will presume that you built or substantially improved it for sale or lease, which is a violation of this exemption. You may not hire an unlicensed person to act as your contractor or to supervise people working on your building. It is your responsibility to make sure that people employed by you have licenses required by state law and by county or municipal licensing ordinances. You may not delegate the responsibility for supervising work to a licensed contractor who is not licensed to perform the work being done. Any person working on your building who is not licensed must work under your direct supervision and must be employed by you, which means that you must deduct F.I.C.A. and withholding tax and provide workers' compensation for that employee, all as prescribed by law. Your construction must comply with all applicable laws, ordinances, building codes, and zoning regulations.

TYPE OF CONSTRUCTION

- ☒ Single Family Dwelling
☐ Farm Outbuilding
☐ New Construction

☐ Two-Family Residence

☐ Other _____

☐ Addition, Alteration, Modification or other Improvement

NEW CONSTRUCTION OR IMPROVEMENT

I Annette M. Tussie, have been advised of the above disclosure statement for exemption from contractor licensing as an owner/builder. I agree to comply with all requirements provided for in Florida Statutes ss.489.103(7) allowing this exception for the construction permitted by Columbia County Building Permit Number _____

Annette M. Tussie
Signature

4-15-05
Date

FOR BUILDING USE ONLY

I hereby certify that the above listed owner/builder has been notified of the disclosure statement in Florida Statutes ss 489.103(7).

Date 4-15-05 Building Official/Representative _____

[Signature]

**Columbia County Property
Appraiser**

DB Last Updated: 4/4/2005

Parcel: 28-3S-16-02372-070

[Tax Record](#)[Property Card](#)[Interactive GIS Map](#)[Print](#)**2005 Proposed Values****Owner & Property Info**

Search Result: 1 of 1

Owner's Name	TUNSIL ANNETTE
Site Address	
Mailing Address	149 SW BALBOA PL LAKE CITY, FL 32025
Brief Legal	LOT 20 STAR LAKE S/D WD 1039-1269.

Use Desc. (code)	VACANT (000000)
Neighborhood	28316.00
Tax District	2
UD Codes	MKTA06
Market Area	06
Total Land Area	0.500 ACRES

Property & Assessment Values

Mkt Land Value	cnt: (1)	\$22,500.00
Ag Land Value	cnt: (0)	\$0.00
Building Value	cnt: (0)	\$0.00
XFOB Value	cnt: (0)	\$0.00
Total Appraised Value		\$22,500.00

Just Value	\$22,500.00
Class Value	\$0.00
Assessed Value	\$22,500.00
Exempt Value	\$0.00
Total Taxable Value	\$22,500.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
3/1/2005	1039/1269	WD	V	Q		\$28,900.00

Building Characteristics

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

Extra Features & Out Buildings

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

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000000	VAC RES (MKT)	1.000 LT - (.500AC)	1.00/1.00/1.00/1.00	\$22,500.00	\$22,500.00

Columbia County Property Appraiser

DB Last Updated: 4/4/2005

1 of 1

Disclaimer

FLORIDA ENERGY EFFICIENCY CODE
FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name: Annette Tunsil Residence
Address: Lot: 20, Sub: Starlakes, Plat:
City, State: Lake City, FL 32025-
Owner:
Climate Zone: North
Builder:
Permitting Office: Columbia
Permit Number: 23135
Jurisdiction Number: 22000

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) 2396 ft²
7. Glass area & type
a. Clear - single pane 0.0 ft²
b. Clear - double pane 356.0 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, 254.0(p) ft
b. N/A
c. N/A
9. Wall types
a. Frame, Wood, Exterior R=13.0, 1683.0 ft²
b. Frame, Wood, Adjacent R=13.0, 150.0 ft²
c. N/A
d. N/A
e. N/A
10. Ceiling types
a. Under Attic R=30.0, 2596.0 ft²
b. N/A
c. N/A
11. Ducts
a. Sup: Unc. Ret: Unc. AH: Interior Sup. R=6.0, 50.0 ft
b. N/A
12. Cooling systems
a. Central Unit Cap: 48.0 kBtu/hr SEER: 11.00
b. N/A
c. N/A
13. Heating systems
a. Electric Heat Pump Cap: 48.0 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: 0.15 Total as-built points: 32660 Total base points: 35792 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: 4/11/05
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: 20, Sub: Starlakes, Plat: , Lake City, FL, 32025-

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	2396.0	20.04	8642.9	Double, Clear	W	1.5	8.0	45.0	36.99	0.96	1594.6			
				Double, Clear	N	7.5	9.7	20.0	19.22	0.75	288.6			
				Double, Clear	W	11.8	8.0	42.0	36.99	0.45	700.8			
				Double, Clear	SW	15.5	9.7	20.0	38.46	0.42	319.6			
				Double, Clear	S	6.5	8.0	20.0	34.50	0.55	379.6			
				Double, Clear	S	1.5	8.0	20.0	34.50	0.92	637.0			
				Double, Clear	W	1.5	8.0	42.0	36.99	0.96	1488.3			
				Double, Clear	N	1.5	6.0	30.0	19.22	0.94	541.2			
				Double, Clear	N	1.5	1.7	8.0	19.22	0.73	111.7			
				Double, Clear	E	1.5	6.0	15.0	40.22	0.91	550.7			
				Double, Clear	E	1.5	8.0	40.0	40.22	0.96	1540.6			
				Double, Clear	E	10.0	9.7	22.0	40.22	0.51	450.6			
				Double, Clear	S	1.5	5.0	16.0	34.50	0.81	445.4			
				Double, Clear	S	1.5	4.0	6.0	34.50	0.74	153.4			
				Double, Clear	S	1.5	6.0	10.0	34.50	0.86	295.4			
				As-Built Total:							356.0		9497.5	
				WALL TYPES Area X BSPM = Points				Type	R-Value			Area X SPM = Points		
Adjacent	150.0	0.70	105.0	Frame, Wood, Exterior			13.0	1683.0	1.50	2524.5				
Exterior	1683.0	1.70	2861.1	Frame, Wood, Adjacent			13.0	150.0	0.60	90.0				
Base Total:		1833.0	2966.1	As-Built Total:				1833.0	2614.5					
DOOR TYPES Area X BSPM = Points				Type				Area X SPM = Points						
Adjacent	18.0	2.40	43.2	Adjacent Insulated				18.0	1.60	28.8				
Exterior	20.0	6.10	122.0	Exterior Insulated				20.0	4.10	82.0				
Base Total:		38.0	165.2	As-Built Total:				38.0	110.8					
CEILING TYPES Area X BSPM = Points				Type	R-Value			Area X SPM X SCM = Points						
Under Attic	2396.0	1.73	4145.1	Under Attic			30.0	2596.0	1.73 X 1.00	4491.1				
Base Total:		2396.0	4145.1	As-Built Total:				2596.0	4491.1					
FLOOR TYPES Area X BSPM = Points				Type	R-Value			Area X SPM = Points						
Slab	254.0(p)	-37.0	-9398.0	Slab-On-Grade Edge Insulation			0.0	254.0(p)	-41.20	-10464.8				
Raised	0.0	0.00	0.0											
Base Total:			-9398.0	As-Built Total:				254.0	-10464.8					

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 20, Sub: Starlakes, Plat: , Lake City, FL, 32025-

PERMIT #:

BASE				AS-BUILT					
INFILTRATION Area X BSPM = Points				Area X SPM = Points					
2396.0 10.21 24463.2				2396.0 10.21 24463.2					
Summer Base Points: 30984.4				Summer As-Built Points: 30712.2					
Total Summer X System = Cooling Points Multiplier Points				Total X Cap X Duct X System X Credit = Cooling Component Ratio Multiplier Multiplier Multiplier Points <small>(DM x DSM x AHU)</small>					
30984.4 0.4266 13217.9				30712.2 1.000 (1.090 x 1.147 x 0.91) 0.310 1.000 10841.4 30712.2 1.00 1.138 0.310 1.000 10841.4					

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 20, Sub: Starlakes, Plat: , Lake City, FL, 32025-

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned X BWPM = Points Floor Area											
				Type/SC	Overhang Ornt Len Hgt			Area X WPM X WOF = Points			
.18	2396.0	12.74	5494.5	Double, Clear	W	1.5	8.0	45.0	10.77	1.01	489.8
				Double, Clear	N	7.5	9.7	20.0	14.30	1.02	290.4
				Double, Clear	W	11.8	8.0	42.0	10.77	1.20	544.0
				Double, Clear	SW	15.5	9.7	20.0	7.17	1.85	264.7
				Double, Clear	S	6.5	8.0	20.0	4.03	2.41	194.1
				Double, Clear	S	1.5	8.0	20.0	4.03	1.04	83.9
				Double, Clear	W	1.5	8.0	42.0	10.77	1.01	457.2
				Double, Clear	N	1.5	6.0	30.0	14.30	1.00	430.1
				Double, Clear	N	1.5	1.7	8.0	14.30	1.02	116.4
				Double, Clear	E	1.5	6.0	15.0	9.09	1.04	141.2
				Double, Clear	E	1.5	8.0	40.0	9.09	1.02	370.9
				Double, Clear	E	10.0	9.7	22.0	9.09	1.30	259.0
				Double, Clear	S	1.5	5.0	16.0	4.03	1.20	77.2
				Double, Clear	S	1.5	4.0	6.0	4.03	1.34	32.5
				Double, Clear	S	1.5	6.0	10.0	4.03	1.12	45.0
				As-Built Total:							356.0
WALL TYPES Area X BWPM = Points				Type R-Value Area X WPM = Points							
Adjacent	150.0	3.60	540.0	Frame, Wood, Exterior			13.0	1683.0	3.40	5722.2	
Exterior	1683.0	3.70	6227.1	Frame, Wood, Adjacent			13.0	150.0	3.30	495.0	
Base Total: 1833.0 6767.1				As-Built Total: 1833.0 6217.2							
DOOR TYPES Area X BWPM = Points				Type Area X WPM = Points							
Adjacent	18.0	11.50	207.0	Adjacent Insulated			18.0	8.00	144.0		
Exterior	20.0	12.30	246.0	Exterior Insulated			20.0	8.40	168.0		
Base Total: 38.0 453.0				As-Built Total: 38.0 312.0							
CEILING TYPES Area X BWPM = Points				Type R-Value Area X WPM X WCM = Points							
Under Attic	2396.0	2.05	4911.8	Under Attic			30.0	2596.0	2.05 X 1.00	5321.8	
Base Total: 2396.0 4911.8				As-Built Total: 2596.0 5321.8							
FLOOR TYPES Area X BWPM = Points				Type R-Value Area X WPM = Points							
Slab	254.0(p)	8.9	2260.6	Slab-On-Grade Edge Insulation			0.0	254.0(p)	18.80	4775.2	
Raised	0.0	0.00	0.0								
Base Total: 2260.6				As-Built Total: 254.0 4775.2							

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 20, Sub: Starlakes, Plat: , Lake City, FL, 32025-

PERMIT #:

BASE				AS-BUILT				
INFILTRATION Area X BWPM = Points				Area X WPM = Points				
2396.0 -0.59 -1413.6				2396.0 -0.59 -1413.6				
Winter Base Points: 18473.4				Winter As-Built Points: 19009.0				
Total Winter X System = Heating Points Multiplier Points				Total X Cap X Duct X System X Credit = Heating Component Ratio Multiplier Multiplier Multiplier Points (DM x DSM x AHU)				
18473.4 0.6274 11590.2				19009.0 1.000 (1.069 x 1.169 x 0.93) 0.501 1.000 11078.5 19009.0 1.00 1.162 0.501 1.000 11078.5				

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

ADDRESS: Lot: 20, Sub: Starlakes, Plat: , Lake City, FL, 32025-

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 Multiplier	= Total
4		2746.00		10984.0	50.0	0.90	4		1.00	2684.98	1.00	10739.9
As-Built Total:												10739.9

CODE COMPLIANCE STATUS											
BASE					AS-BUILT						
Cooling	+	Heating	+	Hot Water	=	Total	Cooling	+	Heating	+	Total
Points		Points		Points		Points	Points		Points		Points
13218		11590		10984		35792	10841		11078		32660

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 20, Sub: Starlakes, Plat: , Lake City, FL, 32025-

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* = 84.5

The higher the score, the more efficient the home.

, Lot: 20, Sub: Starlakes, Plat: , Lake City, FL, 32025-

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) 2396 ft²
7. Glass area & type
a. Clear - single pane 0.0 ft²
b. Clear - double pane 356.0 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, 254.0(p) ft
b. N/A
c. N/A
9. Wall types
a. Frame, Wood, Exterior R=13.0, 1683.0 ft²
b. Frame, Wood, Adjacent R=13.0, 150.0 ft²
c. N/A
d. N/A
e. N/A
10. Ceiling types
a. Under Attic R=30.0, 2596.0 ft²
b. N/A
c. N/A
11. Ducts
a. Sup: Unc. Ret: Unc. AH: Interior Sup. R=6.0, 50.0 ft
b. N/A
12. Cooling systems
a. Central Unit Cap: 48.0 kBtu/hr SEER: 11.00
b. N/A
c. N/A
13. Heating systems
a. Electric Heat Pump Cap: 48.0 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)

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 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 850-498-1814. Version: FLR1PB v3.22)

*****THIS DOCUMENT MUST BE RECORDED AT THE COUNTY CLERKS OFFICE BEFORE YOUR FIRST INSPECTION.*****

Tax Parcel ID Number 28-35-16-02372-670

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

Sworn to (or affirmed) and subscribed before
day of 4-15, 20 05

Donald M. Turner
Signature of Owner




Signature of Notary

23135

**Columbia County Building Department
Culvert Permit**

**Culvert Permit No.
000000659**

DATE 05/31/2005 PARCEL ID # 28-3S-16-02372-070
APPLICANT ANNETTE TUNSIL PHONE 961.9576
ADDRESS 149 SW BALBOA PLACE LAKE CITY FL 32025
OWNER ANNETTE TUNSIL PHONE 961.9576
ADDRESS 139 NW MERCURY CT LAKE CITY FL 32055
CONTRACTOR ANNETTE TUNSIL PHONE 961.9576
LOCATION OF PROPERTY 90-W TO BROWN RD,TR GO TO STAR LAKE ESTATES S/D,TR GO TO MERCURY CT
TR, 1ST. LOT ON R.
SUBDIVISION/LOT/BLOCK/PHASE/UNIT STAR LAKE ESTATES 20
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 PREVIOUSLY PAID 50.00 ON 5/12/2005.WAIVER WAS DENIED, THEREFORE A
CULVERT IS NEEDED.

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



~ 2TH: KEN VWEET ~

**Columbia County Building Department
Culvert Waiver**

**Culvert Waiver No.
000000659**

DATE: 05/12/2005 BUILDING PERMIT NO. 23135

APPLICANT ANNETTE TUNSIL PHONE 961.9576

ADDRESS 149 SW BALBOA PLACE LAKE CITY FL 32025

OWNER ANNETTE TUNSIL PHONE 961.9576

ADDRESS 139 NW MERCURY CT LAKE CITY FL 32055

CONTRACTOR ANNETTE TUNSIL PHONE 961.9576

LOCATION OF PROPERTY 90-W TO BROWN RD, TR GO TO STAR LAKE ESTATES S/D, TR GO TO MERCURY CT
TR, 1ST. LOT ON R.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT STAR LAKE ESTATES 20

PARCEL ID # 28-3S-16-02372-070

I HEREBY CERTIFY THAT I UNDERSTAND AND WILL FULLY COMPLY WITH THE DECISION OF THE COLUMBIA COUNTY PUBLIC WORKS DEPARTMENT IN CONNECTION WITH THE HEREIN PROPOSED APPLICATION.

SIGNATURE: Annette Tunsil

A SEPARATE CHECK IS REQUIRED
MAKE CHECKS PAYABLE TO BCC

Amount Paid 50.00

PUBLIC WORKS DEPARTMENT USE ONLY

I HEREBY CERTIFY THAT I HAVE EXAMINED THIS APPLICATION AND DETERMINED THAT THE CULVERT WAIVER IS:

 APPROVED ✓ NOT APPROVED - NEEDS A CULVERT PERMIT

COMMENTS: Culvert needed -

SIGNED: James C. Thomas DATE: 5/24/05

ANY QUESTIONS PLEASE CONTACT THE PUBLIC WORKS DEPARTMENT AT 386-752-5955.

COLUMBIA COUNTY

MAY 17 2005

PUBLIC WORKS DEPT.

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



Notice of Treatment

11541

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

Address: Bayer Ave

City: Lake City

Phone: 7521703

Site Location: Subdivision Spur Lakes

Lot # 20 Block# 23135

Address 139 NW Mercury Ct

Product used

Active Ingredient

% Concentration

☐ Dursban TC

Chlorpyrifos

0.5%

☐ Terimidol

Fipronil

0.06%

☒ Bora Care

Disodium Octaborate Tetrahydrate

23.0%

Type treatment:

☐ Soil

☒ Wood

Area Treated

Square feet

Linear feet

Gallons Applied

Shedding

3300

796

45.55

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 _____.

Date 8/21/05

Time 1530

Print Technician's Name Fred L. Lanning

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: 6-13-05

(Address of Treatment or Lot/Block of Treatment)

Mercury CT Lot 20

City

Lake City

Florida Pest Control & Chemical Co.

www.flapest.com

Product to be used: Bora-Care Termiteicide (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 Termicide 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.)