

2005

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000023291

OWNER AMY DAWSON PHONE 288-3360
1780 E DUVAL STREET LAKE CITY FL 32025
ADDRESS 288 SE LINDALE GLEN LAKE CITY FL 32025
CONTRACTOR KEITH PLATT PHONE 850 656-5669
LOCATION OF PROPERTY 90E, TR ON OLD COUNTRY CLUB ROAD, TL ON LINDALE GLEN,
2ND LOT FROM CUL-DE-SAC

TYPE DEVELOPMENT SFD, UTILITY ESTIMATED COST OF CONSTRUCTION 67450.00
HEATED FLOOR AREA 1349.00 TOTAL AREA 1704.00 HEIGHT .00 STORIES 1
FOUNDATION CONC WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB
LAND USE & ZONING RSF-2 MAX. HEIGHT 17
Minimum Set Back Requirements: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00
NO. EX.D.U. 0 FLOOD ZONE X PP DEVELOPMENT PERMIT NO. _____

PARCEL ID 03-4S-17-07486-114 SUBDIVISION HAIGHT ASHBURY
LOT 14 BLOCK _____ PHASE _____ UNIT _____ TOTAL ACRES .50

000000701 N CBC034453 Applicant/Owner/Contractor
Culvert Permit No. Culvert Waiver Contractor's License Number
CULVERT 05-0583-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 FILECheck # or Cash 8799

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 \$ 340.00 CERTIFICATION FEE \$ 8.52 SURCHARGE FEE \$ 8.52
MISC. FEES \$.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ _____ WASTE FEE \$ _____
FLOOD ZONE DEVELOPMENT FEE \$ _____ CULVERT FEE \$ 25.00 TOTAL FEE 432.04

INSPECTORS OFFICE Gale Tedder CLERKS OFFICE CN

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 INCONVENIENCE, 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

Revised 9-23-0

For Office Use Only Application # 0506-04 Date Received 5/2/05 By JW Permit # 701/23291
 Application Approved by - Zoning Official B2K Date 5.06.05 Plans Examiner OK JTH Date 6-6-05
 Flood Zone X Per Plat Development Permit N/A Zoning RSF-2 Land Use Plan Map Category Res. Low Dev.
 Comments NEED EA - REC'D 6-16-05

Applicants Name Amy Dawson Phone 386 288 3860
 Address 1780 E Duval St Lake City FL 32025
 Owners Name Willgrass Homebuilders Phone 334 93-3232
 911 Address 288 SE Lindale Gl. Lake City FL 32025
 Contractors Name (Keith) Lifestyles Developm Phone 850 656 5069
 Address 2858 Remington Green Circle Tallahassee FL
 Fee Simple Owner Name & Address 32308
 Bonding Co. Name & Address W
 Architect/Engineer Name & Address Freeman Design Group
 Mortgage Lenders Name & Address Willgrass Home Builders, Inc
 Circle the correct power company FL Power & Light Clay Elec. - Suwannee Valley Elec. - Progressive Energy
 Property ID Number 03-45-17-07486-114 Estimated Cost of Construction 45,000
 Subdivision Name Haight Ashbury Lot 14 Block Unit Phase
 Driving Directions Old Country Club to Baya take right approx 1 mile entrance on left 2nd lot from Culadasa
 Type of Construction Single Family Number of Existing Dwellings on Property 0
 Total Acreage .51 Lot Size .5 Do you need a Culvert Permit or Culvert Walver or Have an Existing Driv
 Actual Distance of Structure from Property Lines - Front 22.0 Side 21.1 Rear 138.8
 Total Building Height 17 Number of Stories 1 Heated Floor Area 1349 Roof Pitch 12/12

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

OWNERS AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning.

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

Owner Builder or Agent (Including Contractor) [Signature]

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me

this 25 day of May 20 05

Personally known ✓ or Produced Identification

Contractor Signature [Signature]
 Contractors License Number CBC034453
 Competency Card Number
 NOTARY STAMP/SEAL



FLORIDA ENERGY EFFICIENCY CODE
FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name: Lot 14 grubbs Colony
Address:
City, State:
Owner:
Climate Zone: South
Builder:
Permitting Office:
Permit Number: 23291
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? No
6. Conditioned floor area (ft²) 1349 ft²
7. Glass area & type Single Pane Double Pane
a. Clear glass, default U-factor 0.0 ft² 60.0 ft²
b. Default tint 0.0 ft² 0.0 ft²
c. Labeled U or SHGC 0.0 ft² 0.0 ft²
8. Floor types
a. Slab-On-Grade Edge Insulation R=0.0, 168.0(p) ft
b. N/A
c. N/A
9. Wall types
a. Frame, Wood, Exterior R=13.0, 1344.0 ft²
b. N/A
c. N/A
d. N/A
e. N/A
10. Ceiling types
a. Under Attic R=30.0, 1483.9 ft²
b. N/A
c. N/A
11. Ducts
a. Sup: Unc. Ret: Unc. AH: Garage Sup. R=6.0, 56.0 ft
b. N/A
12. Cooling systems
a. Central Unit Cap: 24.0 kBtu/hr SEER: 10.00
b. N/A
c. N/A
13. Heating systems
a. Electric Heat Pump Cap: 24.0 kBtu/hr HSPF: 7.00
b. N/A
c. N/A
14. Hot water systems
a. LP Gas Cap: 24.0 gallons EF: 0.66
b. N/A
c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)
15. HVAC credits PT, CF,

Glass/Floor Area: 0.04 Total as-built points: 17570 PASS
Total base points: 23848

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

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned X BSPM = Points Floor Area				Type/SCOverhang Ornt Len Hgt Area X SPM X SOF = Points							
.18	1349.0	32.50	7891.7	Double, Clear	N	1.5	6.0	15.0	31.93	0.94	450.4
				Double, Clear	S	1.5	6.0	45.0	58.45	0.87	2299.3
				As-Built Total:60.02749.6							
WALL TYPES Area X BSPM = Points				TypeR-Value Area X SPM = Points							
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior13.01344.02.403225.6							
Exterior	1344.0	2.70	3628.8								
Base Total:1344.03628.8				As-Built Total:1344.03225.6							
DOOR TYPES Area X BSPM = Points				TypeArea X SPM = Points							
Adjacent	0.0	0.00	0.0	Exterior Wood40.89.40383.5							
Exterior	40.8	6.40	261.1								
Base Total:40.8261.1				As-Built Total:40.8383.5							
CEILING TYPES Area X BSPM = Points				TypeR-Value Area X SPM X SCM = Points							
Under Attic	1349.0	2.80	3777.2	Under Attic30.01483.92.77 X 1.004110.4							
Base Total:1349.03777.2				As-Built Total:1483.94110.4							
FLOOR TYPES Area X BSPM = Points				TypeR-Value Area X SPM = Points							
Slab	168.0(p)	-20.0	-3360.0	Slab-On-Grade Edge Insulation0.0168.0(p)-20.00-3360.0							
Raised	0.0	0.00	0.0								
Base Total:-3360.0				As-Built Total:168.0-3360.0							
INFILTRATION Area X BSPM = Points				Area X SPM = Points							
1349.018.7925347.7				1349.018.7925347.7							
Summer Base Points: 37546.5				Summer As-Built Points: 32456.9							
Total Summer X System = Cooling Points Multiplier Points				Total X Cap X Duct X System X Credit = Cooling Component Ratio Multiplier Multiplier Multiplier Points (DM x DSM x AHU)							
37546.5	0.4266	16017.3		32456.9	1.000	(1.073 x 1.165 x 1.00)	0.341	0.902	12486.3		
				32456.9	1.00	1.250	0.341	0.902	12486.3		

WINTER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

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	1349.0	2.36	573.1	Double, Clear	N	1.5	6.0	15.0	4.38	0.99	65.1
				Double, Clear	S	1.5	6.0	45.0	3.12	1.02	142.9
				As-Built Total:			60.0			208.0	
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		1344.0		0.60 806.4	
Exterior	1344.0	0.60	806.4								
Base Total:		1344.0	806.4	As-Built Total:		1344.0		806.4			
DOOR TYPES Area X BWPM = Points				Type		Area X WPM = Points					
Adjacent	0.0	0.00	0.0	Exterior Wood		40.8		2.80		114.2	
Exterior	40.8	1.80	73.4								
Base Total:		40.8	73.4	As-Built Total:		40.8		114.2			
CEILING TYPES Area X BWPM = Points				Type		R-Value		Area X WPM X WCM = Points			
Under Attic	1349.0	0.10	134.9	Under Attic		30.0		1483.9		0.10 X 1.00 148.4	
Base Total:		1349.0	134.9								
As-Built Total:				1483.9		148.4					
FLOOR TYPES Area X BWPM = Points				Type		R-Value		Area X WPM = Points			
Slab	168.0(p)	-2.1	-352.8	Slab-On-Grade Edge Insulation		0.0		168.0(p)		-2.10 -352.8	
Raised	0.0	0.00	0.0								
Base Total:		-352.8		As-Built Total:		168.0		-352.8			
INFILTRATION Area X BWPM = Points				Area X WPM = Points							
		1349.0	-0.06					1349.0		-0.06 -80.9	
Winter Base Points:		1154.1		Winter As-Built Points:		843.3					
Total Winter Points	X System Multiplier	= Heating Points		Total Component	X Cap Ratio	X Duct Multiplier	X System Multiplier	X Credit Multiplier	= Heating Points		
(DM x DSM x AHU)											
1154.1	0.6274	724.1		843.3	1.000	(1.099 x 1.137 x 1.00)	0.487	0.950	487.7		
				843.3	1.00	1.250	0.487	0.950	487.7		

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

ADDRESS: , , ,

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
3		2369.00		7107.0	24.0	0.66	3		1.00	1531.95	1.00 4595.9
					As-Built Total:						4595.9

CODE COMPLIANCE STATUS											
BASE					AS-BUILT						
Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	Cooling Points	+	Heating Points	+	Total Points
16017		724		7107		23848	12486		488		17570

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

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* = 86.9
The higher the score, the more efficient the home.

1. New construction or existing
2. Single family or multi-family
3. Number of units, if multi-family
4. Number of Bedrooms
5. Is this a worst case?
6. Conditioned floor area (ft²)
7. Glass area & type
8. Floor types
9. Wall types
10. Ceiling types
11. Ducts
12. Cooling systems
13. Heating systems
14. Hot water systems
15. HVAC credits

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 Energy Gauge Program (Version: FLRCPB v3.30)

Residential System Sizing Calculation

Summary

Project Title:
Lot 14 grubbs Colony

Code Only
Professional Version
Climate: South

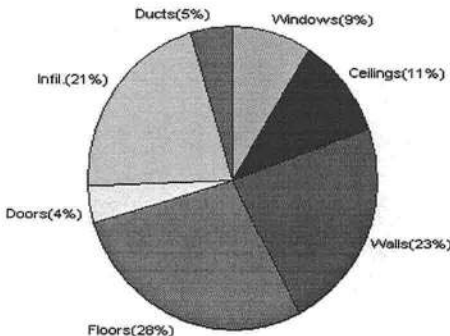
4/12/2005

Location for weather data: Orlando - User customized: Latitude(28) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(44gr.)			
Winter design temperature	38 F	Summer design temperature	98 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	32 F	Summer temperature difference	23 F
Total heating load calculation	15375 Btuh	Total cooling load calculation	16617 Btuh
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	156.1 24000	Sensible (SHR = 0.5)	93.2 12000
Heat Pump + Auxiliary(0.0kW)	156.1 24000	Latent	320.9 12000
		Total (Electric Heat Pump)	144.4 24000

WINTER CALCULATIONS

Winter Heating Load (for 1349 sqft)

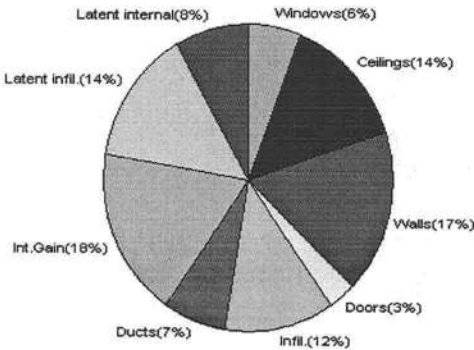
Load component		Load	
Window total	60 sqft	1392	Btuh
Wall total	1344 sqft	3494	Btuh
Door total	41 sqft	601	Btuh
Ceiling total	1484 sqft	1632	Btuh
Floor total	168 ft	4351	Btuh
Infiltration	90 cfm	3172	Btuh
Subtotal		14642	Btuh
Duct loss		732	Btuh
TOTAL HEAT LOSS		15375	Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 1349 sqft)

Load component		Load	
Window total	60 sqft	1020	Btuh
Wall total	1344 sqft	2876	Btuh
Door total	41 sqft	501	Btuh
Ceiling total	1484 sqft	2315	Btuh
Floor total		0	Btuh
Infiltration	79 cfm	1995	Btuh
Internal gain		3000	Btuh
Subtotal(sensible)		11707	Btuh
Duct gain		1171	Btuh
Total sensible gain		12878	Btuh
Latent gain(infiltration)		2359	Btuh
Latent gain(internal)		1380	Btuh
Total latent gain		3739	Btuh
TOTAL HEAT GAIN		16617	Btuh



EnergyGauge® System Sizing based on ACCA Manual J.

PREPARED BY: W. Allen

DATE: 4/12/05

System Sizing Calculations - Winter

Residential Load - Component Details

Project Title:
Lot 14 grubbs Colony

Code Only
Professional Version
Climate: South

Reference City: Orlando (User customized) Winter Temperature Difference: 32.0 F

4/12/2005

Window	Panes/SHGC/Frame/U	Orientation	Area X	HTM=	Load
1	2, Clear, Metal, DEF	N	15.0	23.2	348 Btuh
2	2, Clear, Metal, DEF	S	45.0	23.2	1044 Btuh
Window Total					1392 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Exterior	13.0	1344	2.6	3494 Btuh
Wall Total					3494 Btuh
Doors	Type		Area X	HTM=	Load
1	Wood - Exter		41	14.7	601 Btuh
Door Total					601Btuh
Ceilings	Type	R-Value	Area X	HTM=	Load
1	Under Attic	30.0	1484	1.1	1632 Btuh
Ceiling Total					1632Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab-On-Grade Edge Insul	0	168.0 ft(p)	25.9	4351 Btuh
Floor Total					4351 Btuh
Infiltration	Type	ACH X	Building Volume	CFM=	Load
	Natural	0.40	13490(sqft)	90	3172 Btuh
	Mechanical			0	0 Btuh
Infiltration Total					3172 Btuh

Totals for Heating	Subtotal	14642 Btuh
	Duct Loss(using duct multiplier of 0.05)	732 Btuh
	Total Btuh Loss	15375 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

Project Title:
Lot 14 grubbs Colony

Code Only
Professional Version
Climate: South

Reference City: Orlando (User customized) Summer Temperature Difference: 23.0 F 4/12/2005

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, B, N	N	1.5	6	15.0	0.0	15.0	17	17	255	Btuh
2	2, Clear, DEF, B, N	S	1.5	6	45.0	45.0	0.0	17	26	765	Btuh
Window Total					60					1020	Btuh
Walls 1	Type		R-Value		Area			HTM		Load	
	Frame - Exterior		13.0		1344.0			2.1		2876 Btuh	
Wall Total					1344.0					2876	Btuh
Doors 1	Type		R-Value		Area			HTM		Load	
	Wood - Exter				40.8			12.3		501 Btuh	
Door Total					40.8					501	Btuh
Ceilings 1	Type/Color		R-Value		Area			HTM		Load	
	Under Attic/Dark		30.0		1483.9			1.6		2315 Btuh	
Ceiling Total					1483.9					2315	Btuh
Floors 1	Type		R-Value		Size			HTM		Load	
	Slab-On-Grade Edge Insulation		0.0		168.0 ft(p)			0.0		0 Btuh	
Floor Total					168.0					0	Btuh
Infiltration	Type		ACH		Volume			CFM=		Load	
	Natural		0.35		13490			78.8		1995 Btuh	
	Mechanical							0		0 Btuh	
	Infiltration Total							79		1995 Btuh	

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

Totals for Cooling	Subtotal					11707 Btuh
	Duct gain(using duct multiplier of 0.10)					1171 Btuh
	Total sensible gain					12878 Btuh
	Latent infiltration gain (for 44 gr. humidity difference)					2359 Btuh
	Latent occupant gain (6 people @ 230 Btuh per person)					1380 Btuh
	Latent other gain					0 Btuh
	TOTAL GAIN					16617 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)



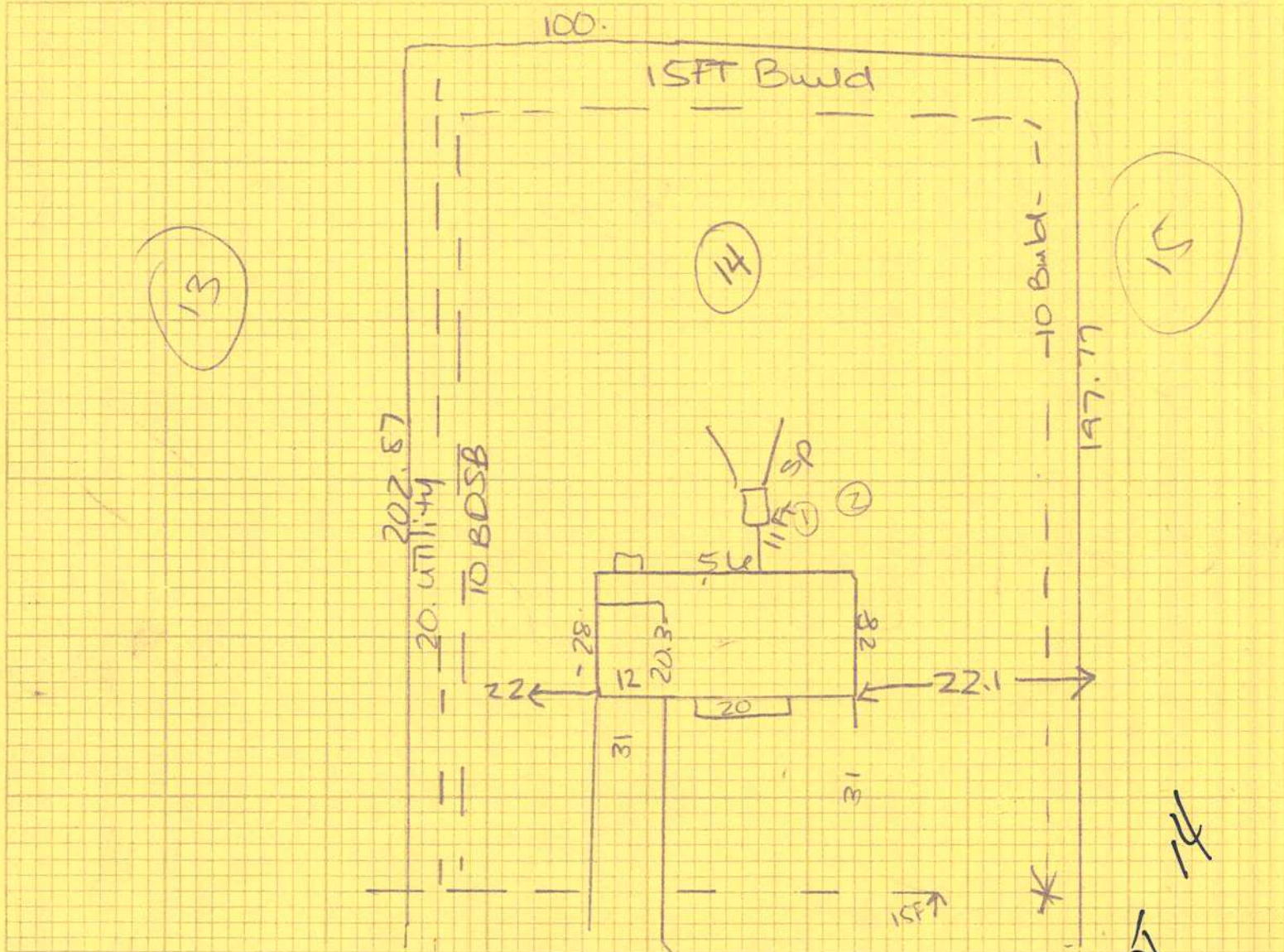
STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 05-0583N

PART II - SITE PLAN

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



Notes: * Jeffrey Hill water
Lot 14
Amy Dawson

Site Plan submitted by: Amy Dawson

Signature

Plan Approved X

Not Approved _____

Agent
Title
Date 5/21/05

By Sallie Ghaddy, ESI, Columbia

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

Prepared BY: James R. Guerino
2858 Remington Green Circle
Tallahassee, Florida 32308

Inst: 2005010736 Date: 05/09/2005 Time: 09:33
MK DC, P. DeWitt Cason, Columbia County B: 1045 P: 1278

NOTICE OF COMMENCEMENT

To whom it may concern:

The undersigned hereby informs you that improvements will be made to certain real property, and in accordance with Section 7 1 3.13 of (lie Florida Statutes, the following information is stated in this NOTICE OF COMMENCEMENT.

1. Description of Property: (Legal description and street address, if available).
LOT 14 HAIGAT ASHURY S/O COLUMBIA Co. FL.
2. General description of improvements: COLONY (GROBS) MODEL S/H RESIDENCE
3. Owner's Information: Name: WIREGRASS HOME BUILDERS INC.
Address: P.O. Box 2253 DOTHAN, ALA, 36302
Interest In Property: 100% — Fee Simple
Name and Address of fee simple titleholder (if other than owner):
4. Contractor Information: Name: LIFESTYLES DEVELOPMENT CO.
Address: 2858 REMINGTON GREEN CIRCLE TALL FL 32308
Fax No.: 850 656 9226 Telephone No.: 850 656 5669
5. Surety Information: Name:
Address:
Amount of Bond: N/A
Fax No.: Telephone No.:
6. Lender Information: Name:
Address: N/A
Fax No.: Telephone No.:
7. Identity of person within the State of Florida designated by owner upon whom notices or other documents may be served:
Name: JAMES GUERINO ESQ
Address: 2858 REMINGTON GREEN CIR. TALL FL 32308
Fax No.: Telephone No.:
8. In addition to himself, owner designates the following person to receive a copy of lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes.
Name: FORREST BOWE
Address: 2858 REMINGTON GREEN CIRCLE TALL FL 32308
Fax No.: 850 656 9226 Telephone No.: 850 656 5669
9. Expiration date of Notice of Commencement (the expiration date is 1 year from the date of recording unless a different date is specified):

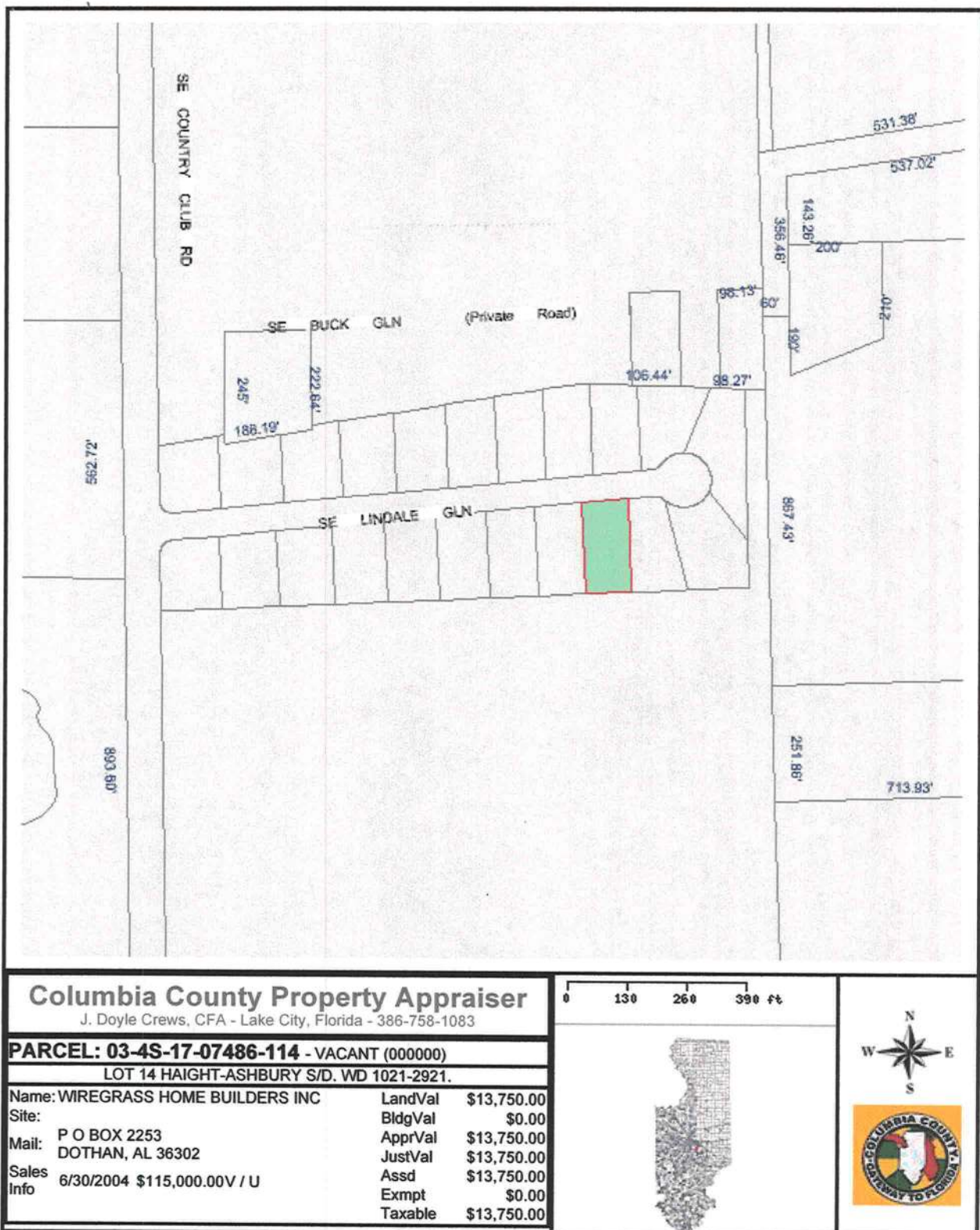
By James Guerino ATL
SIGNATURE of Owner
JAMES GUERINO

STATE OF FLORIDA
COUNTY OF LEON

The foregoing instrument was acknowledged before me this 3 day of MAY 2005,
by James Guerino who is personally known to me and who did/did not take an oath.

Clerk of Courts (or)
Notary Public
[Signature]
Signature of Notary / Deputy Clerk





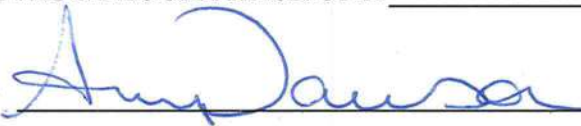
**Columbia County Building Department
Culvert Permit**

**Culvert Permit No.
000000701**

DATE 06/20/2005 PARCEL ID # 03-4S-17-07486-114
APPLICANT AMY DAWSON PHONE 288-3360
ADDRESS 1780 E DUVAL ST LAKE CITY FL 32025
OWNER WIREGRASS HOME BUILDERS PHONE 334 793-3232
ADDRESS 288 SE LINDALE GLEN LAKE CITY FL 32025
CONTRACTOR KEITH PLATT PHONE 850 656-5669
LOCATION OF PROPERTY 90E, TR ON OLD COUNTRY CLUB RD, TL ON LINDALE GLEN, 2ND LOT
ON LEFT AT CUL-DE-SAC

SUBDIVISION/LOT/BLOCK/PHASE/UNIT HAIGHT ASHBURY 14

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 INSTALLATION OF THE CULVERT.**

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

Amount Paid 25.00



New Construction Subterranean Termite Soil Treatment Record

OMB Approval No. 2502-0525
(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.

23291

Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.
Company Address: 301 NW Cole Terrace City Lake City State FL Zip 32055
Company Business License No. JB109476 Company Phone No. 386-755-3311
FHA/VA Case No. (if any) _____

Section 2: Builder Information

Company Name: Wire Grass Builders Company Phone No. _____

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) 244 S.E. Lindale Avenue
Lake City, FL

Type of Construction (More than one box may be checked) ☒ Slab ☐ Basement ☐ Crawl ☐ Other _____
Approximate Depth of Footing: Outside 0 Inside 0 Type of Fill Asst

Section 4: Treatment Information

Date(s) of Treatment(s) 6-23-05
Brand Name of Product(s) Used Proxxol
EPA Registration No. 19713-514
Approximate Final Mix Solution % 0.5%
Approximate Size of Treatment Area: Sq. ft. 1704 Linear ft. 0 Linear ft. of Masonry Voids 0
Approximate Total Gallons of Solution Applied 175
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) Steve Brannon 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.

Steve Brannon

Date 6-23-05

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

WIREGRASS HOME BUILDERS OF COLUMBIA COUNTY, FLORIDA

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 03-4S-17-07486-114

Building permit No. 000023291

Use Classification SFD, UTILITY

Fire: .00

Permit Holder KEITH PLATT

Waste: .00

Owner of Building WIREGRASS HOME BUILDERS

Total: .00

Location: 288 SE LINDALE GLEN(HAIGHT-ASHBURY, LOT 14)

Date: 09/13/2005



Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

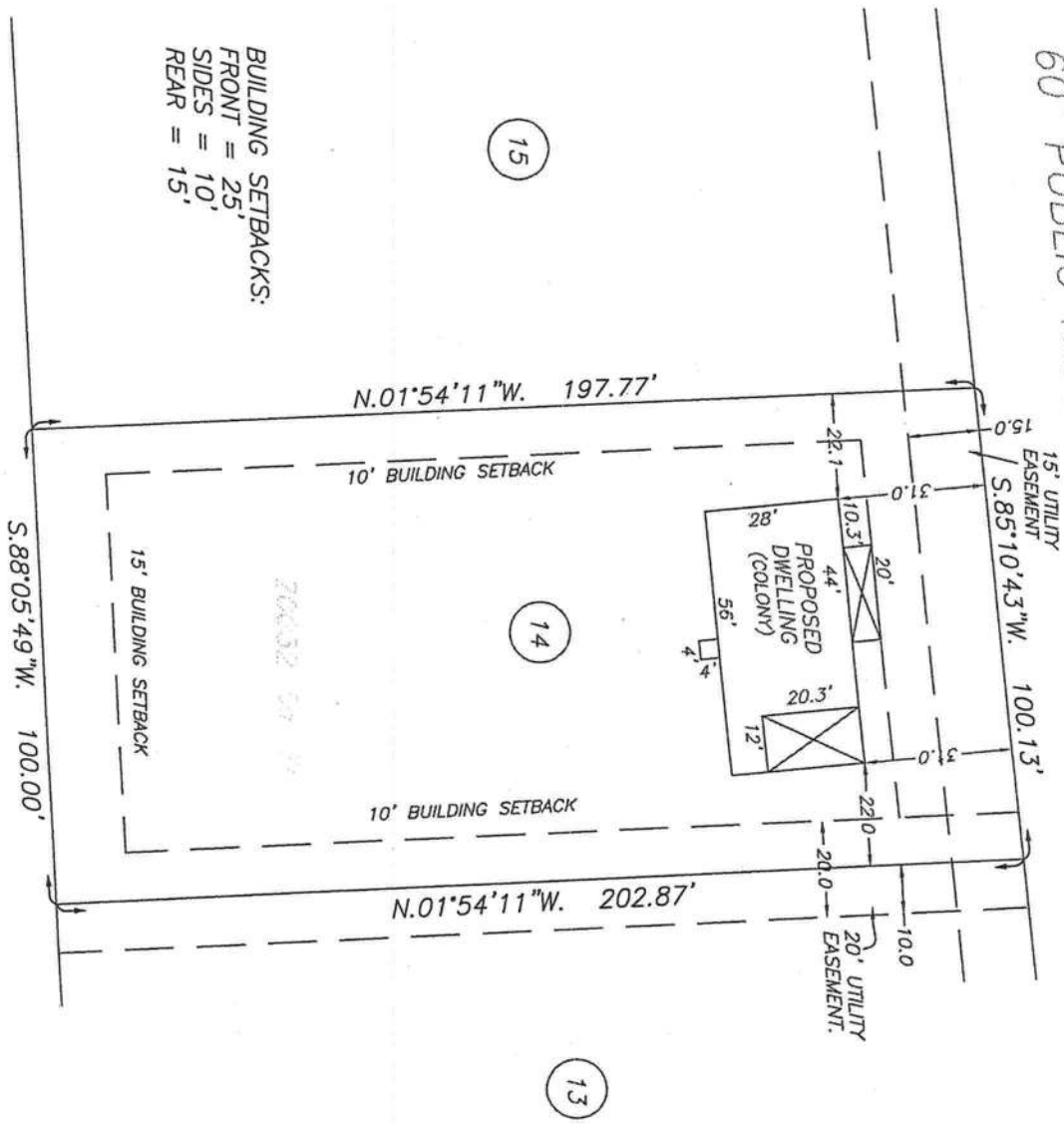
PLOT PLAN

PLOT PLAN
IN SECTION 3,
TOWNSHIP 4 SOUTH,
RANGE 17 EAST,
COLUMBIA COUNTY, FLA.

LOT 14 OF "HAIGHT ASHBURY", A SUBDIVISION AS PER PLAT
THEREOF RECORDED IN PLAT BOOK 7 PAGE 185 OF THE
PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA.

PLOT PLAN ONLY. THIS IS NOT A BOUNDARY SURVEY. LOT
DIMENSIONS BASED ON PLAT OF RECORD.

S.E. LINDALE GLEN
60' PUBLIC ROAD R/W



- SURVEYOR'S NOTES:
1. BOUNDARY BASED ON SKETCH FROM PLAT OF RECORD.
 2. BEARINGS BASED ON PLAT OF RECORD.
 3. THIS PARCEL IS IN ZONE "X" AND IS DETERMINED TO BE OUTSIDE THE 500 YEAR FLOOD PLAIN AS PER FLOOD INSURANCE RATE MAP, DATED JANUARY 6, 1988, COMMUNITY PANEL NO. 120070 0200 B.
 4. NO EASEMENT FOR DRAINAGE IS SHOWN ON THIS LOT IN RECORDS IN THE POSSESSION OF THIS OFFICE.
 5. THE IMPROVEMENTS, IF ANY, INDICATED ON THIS SURVEY DRAWING ARE AS LOCATED ON DATE OF FIELD SURVEY AS SHOWN HEREON.
 6. IF THEY EXIST, NO UNDERGROUND ENCROACHMENTS AND/OR UTILITIES WERE LOCATED FOR THIS SURVEY EXCEPT AS SHOWN HEREON.
 7. "NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER."
 8. CLOSURE IS NOT APPLICABLE AT THIS TIME.
 9. THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF AN ABSTRACT OR OR TITLE POLICY. THEREFORE EXCEPTION IS MADE HEREON REGARDING EASEMENTS, RESERVATIONS, RESTRICTIONS, AND/OR TITLE CONFLICTS OF RECORD, IF ANY, NOT PROVIDED BY THE CLIENT OR HIS AGENTS.
 10. CERTIFIED TO:

SYMBOL LEGEND

- CONCRETE MONUMENT FOUND
- CONCRETE MONUMENT SET, LS 4708
- IRON PIN OR PIPE FOUND
- 5/8" IRON ROD SET, LS 4708
- X- WIRE FENCE
- E- ELECTRIC UTILITY LINE (OVERHEAD)
- UG- UNDERGROUND ELECTRIC SERVICE
- CIV- CABLE TV LINE (OVERHEAD)
- CHAIN LINK FENCE
- WOODEN FENCE
- CMR CORRUGATED METAL PIPE
- RCP REINFORCED CONCRETE PIPE
- LS LAND SURVEYOR
- LB LICENSED BUSINESS
- ORB OFFICIAL RECORD BOOK
- PRM PERMANENT REFERENCE MONUMENT
- PCP PERMANENT CONTROL POINT
- ⊗ UTILITY POLE
- ⊙ RIGHT-OF-WAY
- R/W NO IDENTIFICATION
- NO ID. FLA. DEPT. OF TRANSPORTATION
- FLA. D.O.T. CENTERLINE
- C.M. CONCRETE MONUMENT
- I.R. IRON ROD
- I.P. IRON PIPE

MARK D. DUREN, P.S.M.
LS 4708

1604 SW SISTERS WELCOME ROAD
LAKE CITY, FLA. 32025
(386) 758-9831 OFFICE
(386) 758-8010 FAX

FIELD SURVEY DATE N/A
DATE DRAWN MARCH 8, 2005
FOR WIREGRASS HOMES
FIELD BOOK N/A PAGE
DRAWN BY M. DUREN
WO# 05-179
SEE 05-094, PLOT PLAN

SIGNED: [Signature]
MARK D. DUREN, LS 4708



