

2005

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000023292

APPLICANT SAMMY KEEN PHONE 497.2289
ADDRESS 764 SW RIVERSIDE AVENUE FT. WHITE FL 32038
OWNER GILBERT & ANITA ELLIS PHONE 239.443.8335
ADDRESS 547 SW BLUEBIRD COURT FT. WHITE FL 32038
CONTRACTOR GUY WILLIAMS PHONE 497.2289

LOCATION OF PROPERTY 47-S TOUS 27,TL GO TO C-138,TR TO WOODLAND, GO THRU GATE TO
DEER RUN GLEN, LOT IS ACORSS FROM ROAD.

TYPE DEVELOPMENT SFD & UTILITY ESTIMATED COST OF CONSTRUCTION 111950.00
HEATED FLOOR AREA 2239.00 TOTAL AREA 5072.00 HEIGHT 21.60 STORIES 1
FOUNDATION CONC WALLS FRAMED ROOF PITCH 7'12 FLOOR CONC
LAND USE & ZONING A-3 MAX. HEIGHT 35
Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00
NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 31-7S-17-10070-129 SUBDIVISION BLUEBIRD LANDING
LOT 29 BLOCK PHASE UNIT TOTAL ACRES 10.00

CBC050690
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
PRIVATE 05-0542-N BLK Y
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: NOC ON FILE
1 FOOT ABOVE ROAD. GATE COMBO. TOUCH KEY THEN 019554.

Check # or Cash 8009

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power date/app. by Foundation date/app. by Monolithic date/app. by
Under slab rough-in plumbing date/app. by Slab date/app. by Sheathing/Nailing date/app. by
Framing date/app. by Rough-in plumbing above slab and below wood floor date/app. by
Electrical rough-in date/app. by Heat & Air Duct date/app. by Peri. beam (Lintel) date/app. by
Permanent power date/app. by C.O. Final date/app. by Culvert date/app. by
M/H tie downs, blocking, electricity and plumbing date/app. by Pool date/app. by
Reconnection date/app. by Pump pole date/app. by Utility Pole date/app. by
M/H Pole date/app. by Travel Trailer date/app. by Re-roof date/app. by

BUILDING PERMIT FEE \$ 560.00 CERTIFICATION FEE \$ 25.36 SURCHARGE FEE \$ 25.36
MISC. FEES \$.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ WASTE FEE \$
FLOOD ZONE DEVELOPMENT FEE \$ CULVERT FEE \$ TOTAL FEE 660.72
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

1st message
6/16/05

For Office Use Only Application # 05 06-12 Date Received 6/3/05 By G Permit # 23292
Application Approved by - Zoning Official BLK Date 16.06.05 Plans Examiner DK JTH Date 6-9-05
Flood Zone X Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3
Comments _____

Applicants Name SLK Construction Inc. Phone 386-497-2289
Address 764 SW Riverside Av. Ft White FL 32038
Owners Name Gilbert E. Ellis and Anita M. Ellis Phone 239-443-8335
911 Address 547 SW Blue Bird Ct Ft White FL 32038
Contractors Name SLK Construction Inc. Phone 386-497-2289
Address 764 SW Riverside Av. Ft White FL 32038
Fee Simple Owner Name & Address none
Bonding Co. Name & Address none
Architect/Engineer Name & Address _____
Mortgage Lenders Name & Address none

Property ID Number 31-75-17-10070-129 Estimated Cost of Construction _____
Subdivision Name Blue Bird Landing Lot 29 Block _____ Unit _____ Phase _____
Driving Directions 47 to Ft White Left on 27 go to 138 Right down to Woodland go through gate down to Deer Run Glen Lot across from Road. Gate Combo touch Key then 019554
Type of Construction Fram Const. Number of Existing Dwellings on Property 0
Total Acreage 10.47 Lot Size - Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
Actual Distance of Structure from Property Lines - Front 225' Side 300' Side 453' Rear 199'
Total Building Height 21.6" Number of Stories 1 Heated Floor Area 2239 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.

SLK Construction Inc.
Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
COUNTY OF COLUMBIA

vorn to (or affirmed) and subscribed before me

16th day of June 2005.
ally known ✓ or Produced Identification _____



Contractor Signature Sam L. Frazier
Contractors License Number CB C050690
MY Commission Card Number 102-0000054

NOTARY STAMP/SEAL

Notary Signature [Signature]

THIS WARRANTY DEED Made the 3rd day of January, A.D. 2005, by

R. RUTH HARLAN, INDIVIDUALLY AND AS TRUSTEE OF THE REVOCABLE INTER-VIVOS R. RUTH HARLAN TRUST DATED SEPTEMBER 5, 2003, hereinafter called the grantor, to
GILBERT E. ELLIS and ANITA M. ELLIS, HIS WIFE, whose post office address is
5027 SKYLINE BLVD, CAPE CORAL, FL 33914, hereinafter called the grantees:

(Wherever used herein the terms "grantor" and "grantees" include all the parties to this instrument, singular and plural, the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations, wherever the context so admits or requires.)

Witnesseth: That the grantor, for and in consideration of the sum of \$10.00 and other valuable consideration, receipt whereof is hereby acknowledged, does hereby grant, bargain, sell, alien, remise, release, convey and confirm unto the grantees all that certain land situate in **Columbia County, State of FLORIDA**, viz:

DESCRIPTION: PARCEL #29

A PART OF THE W 1/2 OF SECTION 31, TOWNSHIP 7 SOUTH, RANGE 17 EAST, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS: COMMENCE AT THE SW CORNER OF THE NW 1/4 OF SAID SECTION 31 AND RUN THENCE S.01°41'10"E., A DISTANCE OF 7.37 FEET; THENCE N.89°22'58"E., A DISTANCE OF 816.00 FEET TO THE POINT OF BEGINNING; THENCE N.01°45'20"W., A DISTANCE OF 35.85 FEET; THENCE S.89°16'04"E., A DISTANCE OF 1112.97 FEET TO A POINT ON A CURVE TO THE RIGHT, HAVING: A RADIUS OF 150.00 FEET, A CENTRAL ANGLE OF 21°34'50", A TANGENT LENGTH OF 28.59 FEET, A CHORD BEARING OF S.21°08'58"W. AND A CHORD LENGTH OF 56.16 FEET; THENCE ALONG THE ARC OF SAID CURVE, AN ARC LENGTH OF 56.50 FEET TO THE POINT OF TANGENCY OF SAID CURVE; THENCE S.31°56'23"W., A DISTANCE OF 183.67 FEET TO THE POINT OF CURVATURE OF A CURVE TO THE LEFT, HAVING: A RADIUS OF 330.00 FEET, A CENTRAL ANGLE OF 12°59'20", A TANGENT LENGTH OF 37.57 FEET, A CHORD BEARING OF S.25°26'43"W. AND A CHORD LENGTH OF 74.65 FEET; THENCE, ALONG THE ARC OF SAID CURVE, AN ARC LENGTH OF 74.81 FEET TO THE POINT OF TANGENCY OF SAID CURVE; THENCE N.71°02'57"W., A DISTANCE OF 6.24 FEET; THENCE S.19°16'58"W., A DISTANCE OF 186.88 FEET; THENCE S.89°30'00"W., A DISTANCE OF 881.33 FEET; THENCE N.01°45'20"W., A DISTANCE OF 436.31 FEET TO THE POINT OF BEGINNING. COLUMBIA COUNTY, FLORIDA. PARCEL CONTAINS 10.47 ACRES, MORE OR LESS.

DESCRIPTION: EASEMENT

AN EASEMENT FOR INGRESS AND EGRESS, BEING 60 FEET IN WIDTH AND LYING 30 FEET TO THE LEFT AND 30 FEET TO THE RIGHT, AS MEASURED PERPENDICULAR TO THE FOLLOWING DESCRIBED CENTERLINE: COMMENCE AT THE NE CORNER OF THE NW 1/4 OF SECTION 31, TOWNSHIP 7 SOUTH, RANGE 17 EAST, COLUMBIA COUNTY, FLORIDA AND RUN THENCE S.87°14'55"W., ALONG THE NORTH LINE OF SAID SECTION 31, A DISTANCE OF 737.64 FEET TO A POINT ON THE SOUTHERLY RIGHT-OF-WAY LINE OF A COUNTY MAINTAINED GRADE ROAD, SAID POINT BEING THE POINT OF BEGINNING; THENCE S.01°47'48"E., A DISTANCE OF 114.27 FEET TO THE POINT OF CURVATURE OF A CURVE TO THE LEFT HAVING: A RADIUS OF 230.00 FEET, A CENTRAL ANGLE OF 55°09'08", A TANGENT LENGTH OF 120.12 FEET, A CHORD BEARING OF S.29°22'22"E., AND A CHORD LENGTH OF 212.95 FEET; THENCE ALONG THE ARC OF SAID CURVE, AN ARC DISTANCE OF 221.39 FEET TO A POINT OF REVERSE CURVE OF A CURVE TO THE RIGHT, HAVING: A RADIUS OF 170.00 FEET, A CENTRAL ANGLE OF 72°58'42", A TANGENT LENGTH OF 125.74 FEET, A CHORD BEARING OF S.20°27'35"E., AND A CHORD LENGTH OF 202.19 FEET; THENCE ALONG THE ARC OF SAID CURVE, AN ARC DISTANCE OF 216.53 FEET; THENCE S.16°01'48"W., A DISTANCE OF 282.20 FEET TO A POINT HEREINAFTER REFERRED TO AS POINT "A", SAID POINT ALSO BEING THE POINT OF CURVATURE OF A CURVE TO THE LEFT, HAVING: A RADIUS OF 300.00 FEET, A CENTRAL ANGLE OF 16°57'20", A TANGENT LENGTH OF 44.72

NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA*****THIS DOCUMENT MUST BE RECORDED AT THE COUNTY
CLERKS OFFICE BEFORE YOUR FIRST INSPECTION.*****

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 31-75-17-10070-129

1. Description of property: (legal description of the property and street address or 911 address)

547 SW Blue Bird Ct. Ft White FL 32038

2. General description of improvement:
- New Home

3. Owner Name & Address
- Gilbert E. ELLIS and Anita M. ELLIS

5027 Skyline Blvd Cape Coral FL 33914 Interest In Property Owners

4. Name & Address of Fee Simple Owner (if other than owner):
- none

5. Contractor Name
- SLK Construction Inc.
- Phone Number
- 386-497-2289

Address 764 SW Riverside Av. Ft White FL 32038.

6. Surety Holders Name
- none

Address Inst: 2005013947 Date: 06/15/2005 Time: 09:32Amount of Bond none YMK DC, P. DeWitt Cason, Columbia County B: 1048 P: 2603

7. Lender Name
- none
- Phone Number

Address none

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 none Phone Number

Address

9. In addition to himself/herself the owner designates
- SLK Construction Inc.
- of
- 764 SW Riverside, Ft White FL 32038
- to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) -

(a) 7. Phone Number of the designee 386-497-2289

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) _____

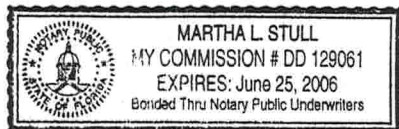
NOTICE AS PER CHAPTER 713, Florida Statutes:

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

Sworn to (or affirmed) and subscribed before
day of June, 2005

NOTARY STAMP/SEAL

Signature of Owner

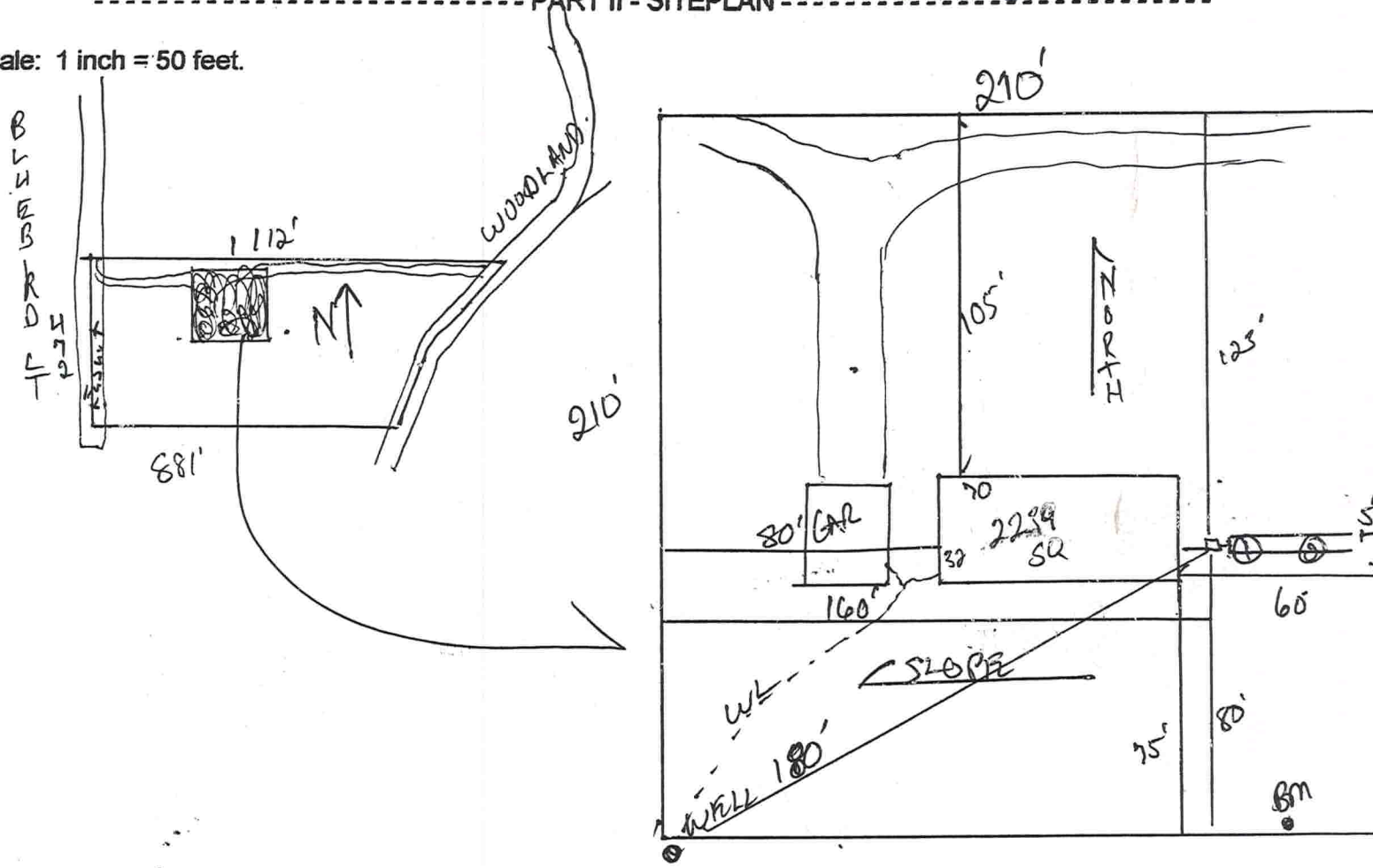
Martha L. Stull
Signature of Notary

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

Permit Application Number 05-0542N

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

Scale: 1 inch = 50 feet.



Notes: 1 of 10.4 Acres

Site Plan submitted by: Rock D 7-0 MASTER CONTRACTOR
 Plan Approved ☒ Not Approved ☐ Date 5-20-05
 By Mr 22 County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

HALL'S PUMP & WELL SERVICE, INC.

SPECIALIZING IN 4"-6" WELLS



DONALD AND MARY HALL
OWNERS

PHONE (904) 752-1854
FAX (904) 755-7022
~~XXXX NORTH FIRST STREET~~
LAKE CITY, FLORIDA 32055
904 NW Main Blvd.

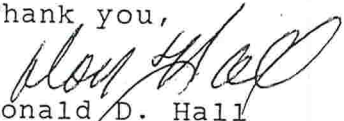
June 12, 2002

NOTICE TO ALL CONTRACTORS

Please be advised that due to the new building codes we will use a large capacity diaphragm tank on all new wells. This will insure a minimum of one (1) minute draw down or one (1) minute refill. If a smaller diaphragm tank is used then we will install a cycle stop valve which will produce the same results.

If you have any questions please feel free to call our office anytime.

Thank you,


Donald D. Hall
DDH/jk

FLORIDA ENERGY EFFICIENCY CODE
FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A


Project Name:	503304AEllisRes.	Builder:	
Address:	Lot: 29, Sub: Bluebird Landin, Plat:	Permitting Office:	COLUMBIA
City, State:	, FL	Permit Number:	23292
Owner:	Gil & Anita Ellis	Jurisdiction Number:	08092
Climate Zone:	North		221000

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 42.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 10.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	No	c. N/A	
6. Conditioned floor area (ft²)	2239 ft²		
7. Glass area & type	Single Pane Double Pane	13. Heating systems	
a. Clear glass, default U-factor	0.0 ft² 230.0 ft²	a. Electric Heat Pump	Cap: 42.0 kBtu/hr
b. Default tint, default U-factor	0.0 ft² 0.0 ft²		HSPF: 7.00
c. Labeled U-factor or SHGC	0.0 ft² 0.0 ft²	b. N/A	
8. Floor types		c. N/A	
a. Slab-On-Grade Edge Insulation	R=0.0, 204.0(p) ft		
b. N/A		14. Hot water systems	
c. N/A		a. Electric Resistance	Cap: 40.0 gallons
9. Wall types			EF: 0.89
a. Frame, Wood, Exterior	R=13.0, 1405.0 ft²	b. N/A	
b. Frame, Wood, Adjacent	R=13.0, 111.0 ft²	c. Conservation credits	
c. N/A		(HR-Heat recovery, Solar	
d. N/A		DHP-Dedicated heat pump)	
e. N/A		15. HVAC credits	
10. Ceiling types		(CF-Ceiling fan, CV-Cross ventilation,	
a. Under Attic	R=30.0, 2355.0 ft²	HF-Whole house fan,	
b. N/A		PT-Programmable Thermostat,	
c. N/A		MZ-C-Multizone cooling,	
11. Ducts		MZ-H-Multizone heating)	
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 210.0 ft		
b. N/A			

Glass/Floor Area: 0.10

Total as-built points: 31257
Total base points: 31773

PASS

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code. PREPARED BY: Evan Beamsley DATE: 05/05/05 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: 
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SUMMER CALCULATIONS

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	2239.0	20.04	8076.5	Double, Clear	N	9.5	8.5	50.0	19.20	0.69	664.7
				Double, Clear	N	10.5	5.0	9.0	19.20	0.62	107.0
				Double, Clear	N	10.5	7.0	15.0	19.20	0.65	188.4
				Double, Clear	E	10.5	7.0	30.0	42.06	0.43	546.3
				Double, Clear	S	10.5	7.0	60.0	35.87	0.47	1018.3
				Double, Clear	S	10.5	6.0	12.0	35.87	0.46	197.0
				Double, Clear	S	10.5	6.0	12.0	35.87	0.46	197.0
				Double, Clear	W	10.5	6.0	12.0	38.52	0.42	194.6
				Double, Clear	W	10.5	7.0	30.0	38.52	0.45	518.6
				As-Built Total:		230.0			3631.8		
WALL TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	111.0	0.70	77.7	Frame, Wood, Exterior	13.0		1405.0		1.50		2107.5
Exterior	1405.0	1.70	2388.5	Frame, Wood, Adjacent	13.0		111.0		0.60		66.6
Base Total:				1516.0		2466.2			As-Built Total:		1516.0 2174.1
DOOR TYPES Area X BSPM = Points				Type	Area X SPM = Points						
Adjacent	0.0	0.00	0.0	Exterior Insulated	50.0			4.10		205.0	
Exterior	90.0	6.10	549.0	Exterior Insulated	40.0			4.10		164.0	
Base Total:				90.0		549.0			As-Built Total:		90.0 369.0
CEILING TYPES Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points				
Under Attic	2239.0	1.73	3873.5	Under Attic	30.0		2355.0		1.73 X 1.00		4074.2
Base Total:				2239.0		3873.5			As-Built Total:		2355.0 4074.2
FLOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Slab	204.0(p)	-37.0	-7548.0	Slab-On-Grade Edge Insulation	0.0		204.0(p)		-41.20		-8404.8
Raised	0.0	0.00	0.0								
Base Total:				-7548.0		204.0			As-Built Total:		-8404.8
INFILTRATION Area X BSPM = Points				Area X SPM = Points							
2239.0 10.21 22860.2				2239.0 10.21 22860.2							

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 29, Sub: Bluebird Landin, Plat: , , FL,

PERMIT #:

BASE				AS-BUILT							
Summer Base Points: 30277.4				Summer As-Built Points: 24704.4							
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	
30277.4		0.4266	12916.3	24704.4		1.000	(1.090 x 1.147 x 1.00)	0.341	1.000	10541.5	
				24704.4		1.00	1.250	0.341	1.000	10541.5	

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 29, Sub: Bluebird Landin, Plat: , FL,

PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt			Area X WPM X WOF = Points				
.18	2239.0	12.74	5134.5	Double, Clear	N	9.5	8.5	50.0	24.58	1.02	1253.1	
				Double, Clear	N	10.5	5.0	9.0	24.58	1.03	226.8	
				Double, Clear	N	10.5	7.0	15.0	24.58	1.02	377.0	
				Double, Clear	E	10.5	7.0	30.0	18.79	1.39	783.6	
				Double, Clear	S	10.5	7.0	60.0	13.30	3.28	2613.1	
				Double, Clear	S	10.5	6.0	12.0	13.30	3.45	551.0	
				Double, Clear	S	10.5	6.0	12.0	13.30	3.45	551.0	
				Double, Clear	W	10.5	6.0	12.0	20.73	1.22	302.7	
				Double, Clear	W	10.5	7.0	30.0	20.73	1.20	748.8	
				As-Built Total:							230.0	
WALL TYPES Area X BWPM = Points				Type	R-Value			Area X WPM = Points				
Adjacent	111.0	3.60	399.6	Frame, Wood, Exterior	13.0			1405.0	3.40	4777.0		
Exterior	1405.0	3.70	5198.5	Frame, Wood, Adjacent	13.0			111.0	3.30	366.3		
Base Total:		1516.0	5598.1	As-Built Total:		1516.0			5143.3			
DOOR TYPES Area X BWPM = Points				Type				Area X WPM = Points				
Adjacent	0.0	0.00	0.0	Exterior Insulated				50.0	8.40	420.0		
Exterior	90.0	12.30	1107.0	Exterior Insulated				40.0	8.40	336.0		
Base Total:		90.0	1107.0	As-Built Total:		90.0			756.0			
CEILING TYPES Area X BWPM = Points				Type	R-Value			Area X WPM X WCM = Points				
Under Attic	2239.0	2.05	4589.9	Under Attic	30.0			2355.0	2.05 X 1.00	4827.8		
Base Total:		2239.0	4589.9	As-Built Total:		2355.0			4827.8			
FLOOR TYPES Area X BWPM = Points				Type	R-Value			Area X WPM = Points				
Slab	204.0(p)	8.9	1815.6	Slab-On-Grade Edge Insulation	0.0			204.0(p)	18.80	3835.2		
Raised	0.0	0.00	0.0									
Base Total:		1815.6		As-Built Total:		204.0			3835.2			
INFILTRATION Area X BWPM = Points				Area X WPM = Points								
		2239.0	-0.59						2239.0	-0.59	-1321.0	

WINTER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 29, Sub: Bluebird Landin, Plat: , , FL,

PERMIT #:

BASE				AS-BUILT							
Winter Base Points: 16924.1				Winter As-Built Points: 20648.5							
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	
16924.1		0.6274	10618.2	20648.5		1.000	(1.069 x 1.169 x 1.00)	0.487	1.000	12570.1	
				20648.5		1.00	1.250	0.487	1.000	12570.1	

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 29, Sub: Bluebird Landin, Plat: , , FL,

PERMIT #:

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

CODE COMPLIANCE STATUS							
BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
12916	10618	8238	31773	10541	12570	8145	31257

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 29, Sub: Bluebird Landin, Plat: , , FL,

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

ENERGY PERFORMANCE LEVEL (EPL)
DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 83.1

The higher the score, the more efficient the home.

Gil & Anita Ellis, Lot: 29, Sub: Bluebird Landin, Plat: , , 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? No
6. Conditioned floor area (ft²) 2239 ft²
7. Glass area & type Single Pane Double Pane
a. Clear glass, default U-factor 0.0 ft² 230.0 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, 204.0(p) ft
b. N/A
c. N/A
9. Wall types
a. Frame, Wood, Exterior R=13.0, 1405.0 ft²
b. Frame, Wood, Adjacent R=13.0, 111.0 ft²
c. N/A
d. N/A
e. N/A
10. Ceiling types
a. Under Attic R=30.0, 2355.0 ft²
b. N/A
c. N/A
11. Ducts
a. Sup: Unc. Ret: Unc. AH: Garage Sup. R=6.0, 210.0 ft
b. N/A
12. Cooling systems
a. Central Unit Cap: 42.0 kBtu/hr SEER: 10.00
b. N/A
c. N/A
13. Heating systems
a. Electric Heat Pump Cap: 42.0 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: 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 (Version: FLR2PB v3.4)

Residential System Sizing Calculation

Summary

Gil & Anita Ellis
FL

Project Title:
503304AEllisRes.

Class 3 Rating
Registration No. 0
Climate: North

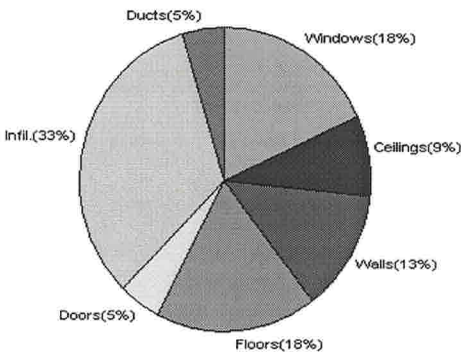
5/5/2005

Location for weather data: Gainesville - Defaults: Latitude(29) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(51gr.)			
Winter design temperature	31 F	Summer design temperature	93 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	39 F	Summer temperature difference	18 F
Total heating load calculation	35437 Btuh	Total cooling load calculation	31045 Btuh
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	118.5 42000	Sensible (SHR = 0.75)	146.5 31500
Heat Pump + Auxiliary(0.0kW)	118.5 42000	Latent	110.0 10500
		Total (Electric Heat Pump)	135.3 42000

WINTER CALCULATIONS

Winter Heating Load (for 2239 sqft)

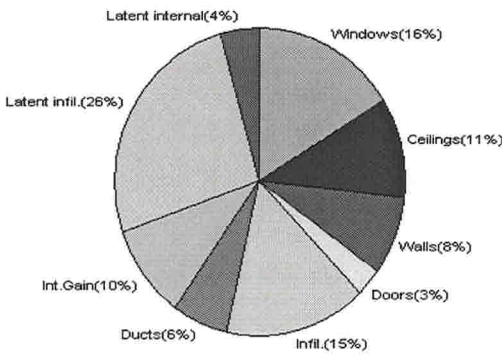
Load component		Load	
Window total	230 sqft	6509	Btuh
Wall total	1516 sqft	4533	Btuh
Door total	90 sqft	1650	Btuh
Ceiling total	2355 sqft	3062	Btuh
Floor total	204 ft	6446	Btuh
Infiltration	269 cfm	11549	Btuh
Subtotal		33749	Btuh
Duct loss		1687	Btuh
TOTAL HEAT LOSS		35437	Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 2239 sqft)

Load component		Load	
Window total	230 sqft	5060	Btuh
Wall total	1516 sqft	2560	Btuh
Door total	90 sqft	913	Btuh
Ceiling total	2355 sqft	3344	Btuh
Floor total		0	Btuh
Infiltration	236 cfm	4664	Btuh
Internal gain		3000	Btuh
Subtotal(sensible)		19541	Btuh
Duct gain		1954	Btuh
Total sensible gain		21495	Btuh
Latent gain(infiltration)		8169	Btuh
Latent gain(internal)		1380	Btuh
Total latent gain		9549	Btuh
TOTAL HEAT GAIN		31045	Btuh



EnergyGauge® System Sizing based on ACCA Manual J.
PREPARED BY:
DATE: 05/05/05

System Sizing Calculations - Winter

Residential Load - Component Details

Gil & Anita Ellis
, FL

Project Title:
503304AEllisRes.

Class 3 Rating
Registration No. 0
Climate: North

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

5/5/2005

Window	Panes/SHGC/Frame/U	Orientation	Area X	HTM=	Load
1	2, Clear, Metal, DEF	N	50.0	28.3	1415 Btuh
2	2, Clear, Metal, DEF	N	9.0	28.3	255 Btuh
3	2, Clear, Metal, DEF	N	15.0	28.3	424 Btuh
4	2, Clear, Metal, DEF	E	30.0	28.3	849 Btuh
5	2, Clear, Metal, DEF	S	60.0	28.3	1698 Btuh
6	2, Clear, Metal, DEF	S	12.0	28.3	340 Btuh
7	2, Clear, Metal, DEF	S	12.0	28.3	340 Btuh
8	2, Clear, Metal, DEF	W	12.0	28.3	340 Btuh
9	2, Clear, Metal, DEF	W	30.0	28.3	849 Btuh
Window Total			230		6509 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Exterior	13.0	1405	3.1	4356 Btuh
2	Frame - Adjacent	13.0	111	1.6	178 Btuh
Wall Total			1516		4533 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exter		50	18.3	916 Btuh
2	Insulated - Exter		40	18.3	733 Btuh
Door Total			90		1650Btuh
Ceilings	Type	R-Value	Area X	HTM=	Load
1	Under Attic	30.0	2355	1.3	3062 Btuh
Ceiling Total			2355		3062Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab-On-Grade Edge Insul	0	204.0 ft(p)	31.6	6446 Btuh
Floor Total			204		6446 Btuh
Infiltration	Type	ACH X	Building Volume	CFM=	Load
	Natural	0.80	20151(sqft)	269	11549 Btuh
	Mechanical			0	0 Btuh
Infiltration Total				269	11549 Btuh

Totals for Heating	Subtotal	33749 Btuh
	Duct Loss(using duct multiplier of 0.05)	1687 Btuh
	Total Btuh Loss	35437 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

Gil & Anita Ellis
, FL

Project Title:
503304AEllisRes.

Class 3 Rating
Registration No. 0
Climate: North

Reference City: Gainesville (Defaults)

Summer Temperature Difference: 18.0 F

5/5/2005

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, N, N	N	9.5	8.5	50.0	0.0	50.0	22	22	1100	Btuh
2	2, Clear, DEF, N, N	N	10.5	5	9.0	0.0	9.0	22	22	198	Btuh
3	2, Clear, DEF, N, N	N	10.5	7	15.0	0.0	15.0	22	22	330	Btuh
4	2, Clear, DEF, N, N	E	10.5	7	30.0	30.0	0.0	22	72	660	Btuh
5	2, Clear, DEF, N, N	S	10.5	7	60.0	60.0	0.0	22	37	1320	Btuh
6	2, Clear, DEF, N, N	S	10.5	6	12.0	12.0	0.0	22	37	264	Btuh
7	2, Clear, DEF, N, N	S	10.5	6	12.0	12.0	0.0	22	37	264	Btuh
8	2, Clear, DEF, N, N	W	10.5	6	12.0	12.0	0.0	22	72	264	Btuh
9	2, Clear, DEF, N, N	W	10.5	7	30.0	30.0	0.0	22	72	660	Btuh
	Window Total				230					5060	Btuh
Walls	Type	R-Value			Area			HTM		Load	
1	Frame - Exterior	13.0			1405.0			1.7		2445 Btuh	
2	Frame - Adjacent	13.0			111.0			1.0		115 Btuh	
	Wall Total			1516.0					2560		Btuh
Doors	Type				Area			HTM		Load	
1	Insulated - Exter				50.0			10.1		507 Btuh	
2	Insulated - Exter				40.0			10.1		406 Btuh	
	Door Total			90.0					913		Btuh
Ceilings	Type/Color	R-Value			Area			HTM		Load	
1	Under Attic/Dark	30.0			2355.0			1.4		3344 Btuh	
	Ceiling Total			2355.0					3344		Btuh
Floors	Type	R-Value			Size			HTM		Load	
1	Slab-On-Grade Edge Insulation	0.0			204.0 ft(p)			0.0		0 Btuh	
	Floor Total			204.0					0		Btuh
Infiltration	Type	ACH			Volume			CFM=		Load	
	Natural	0.70			20151			235.6		4664 Btuh	
	Mechanical							0		0 Btuh	
	Infiltration Total						236		4664		Btuh
Internal gain		Occupants			Btuh/occupant			Appliance		Load	
		6			X 300 +			1200		3000 Btuh	

Manual J Summer Calculations

Residential Load - Component Details (continued)

Gil & Anita Ellis
, FL

Project Title:
503304AEllisRes.

Class 3 Rating
Registration No. 0
Climate: North

5/5/2005

Totals for Cooling	Subtotal	19541 Btuh
	Duct gain(using duct multiplier of 0.10)	1954 Btuh
	Total sensible gain	21495 Btuh
	Latent infiltration gain (for 51 gr. humidity difference)	8169 Btuh
	Latent occupant gain (6 people @ 230 Btuh per person)	1380 Btuh
	Latent other gain	0 Btuh
	TOTAL GAIN	31045 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)



0506-12

COLUMBIA COUNTY OFFICE OF OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

This Certificate of Occupancy is issued to the below named permit holder for the building and premises at the below named location, and certifies that the work has been completed in accordance with the Columbia County Building Code.

Parcel Number 31-7S-17-10070-129

Building permit No. 000023292

Use Classification SFD & UTILITY

Fire: 66.08

Permit Holder GUY WILLIAMS

Waste: 98.00

Owner of Building GILBERT & ANITA ELLIS

Total: 164.08

Location: 547 SW BLUEBIRD COURT(BLUEBIRD LANDING, LOT 29)

Date: 02/10/2006

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)



Notice of Treatment

Applicator Florida Pest Control & Chemical Co. 11498

Address 536 SE Bay A Dr.

City Lake City Phone (386) 752-1703

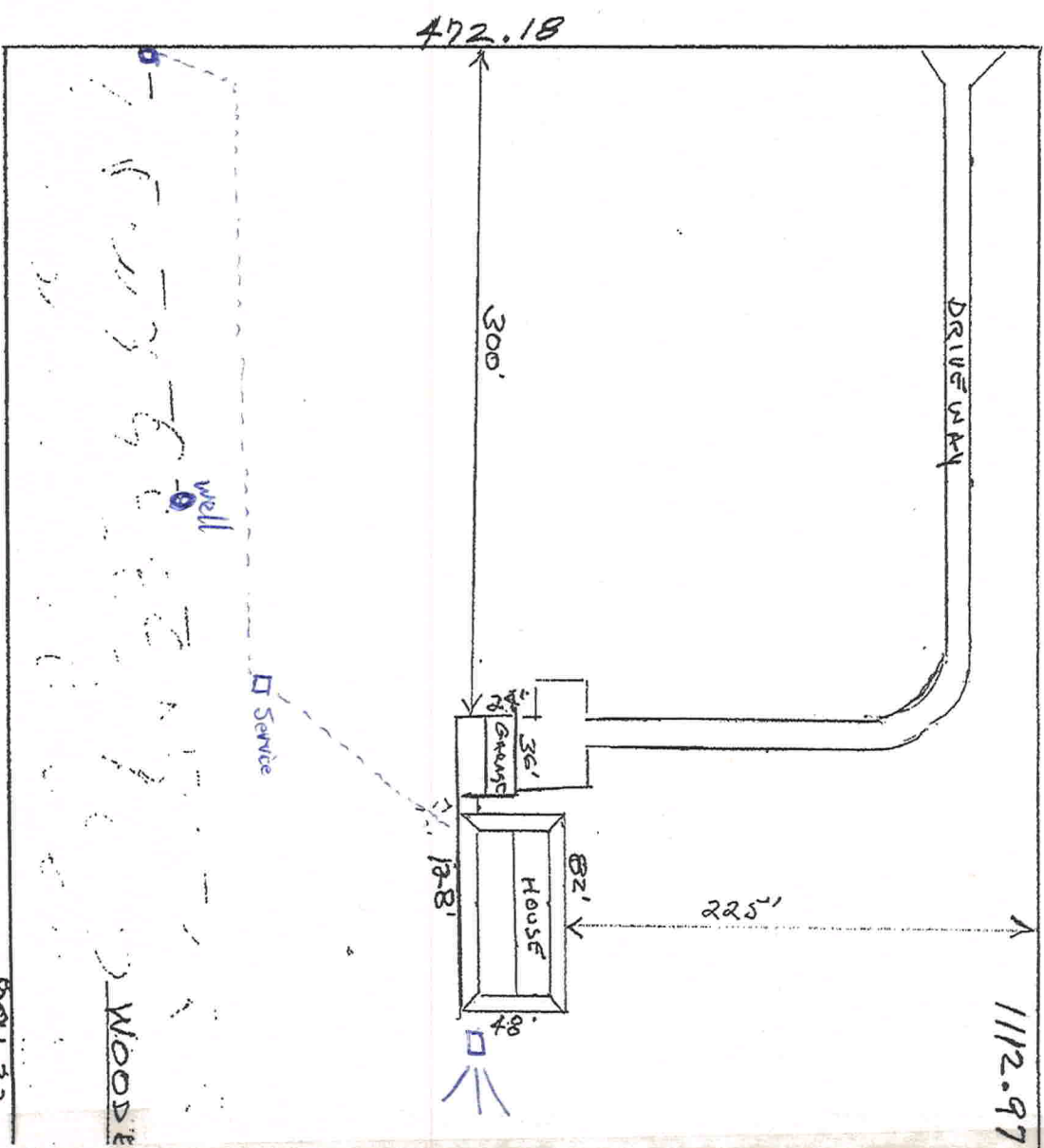
Site Location Subdivision Bluebird Sub.

Lot# 29 Block# _____ Permit# 23292

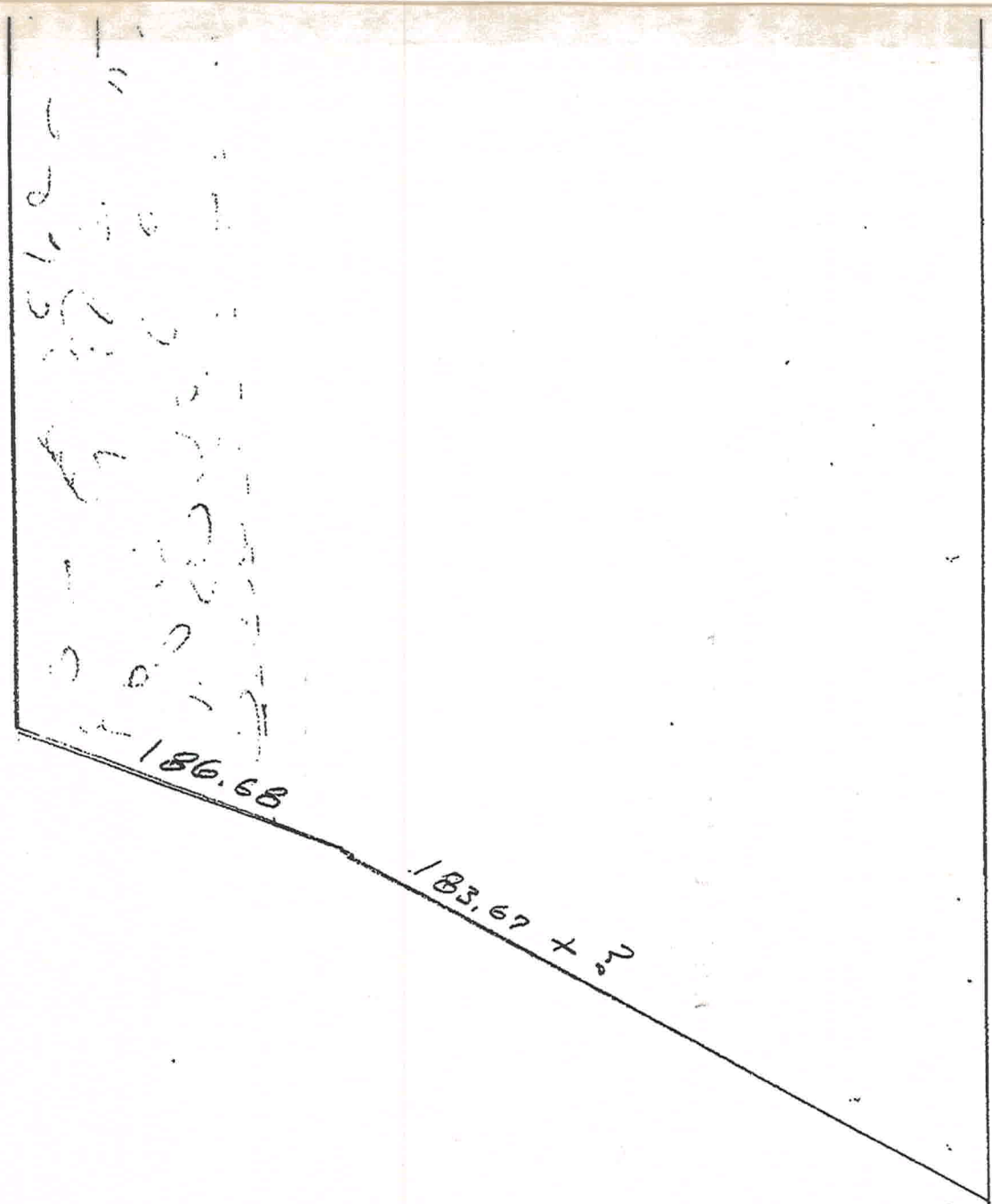
Address 547 SW Bluebird Ct. Fort White

AREAS TREATED

Area Treated	Date	Time	Gal.	Print Technician's Name
Main Body	7-22-05	900	810	Gunny
Patio/s #				
Stoop/s #				
Porch/s #				
Brick Veneer				
Extension Walls				
A/C Pad				
Walk/s #				
Exterior of Foundation				
Driveway Apron				
Out Building				
Tub Trap/s				
Garage (Other)	7-22-05	900	140	Gunny
Name of Product Applied <u>Terminator 80WG</u> <u>.06</u> %				
Remarks <u>unfinished</u>				



BLUE RIBB LANDING
ANITA + GIL
SCALE 1/8" = 1'



BT 29
N.
↑

