

DATE 02/09/2004

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000022166

APPLICANT DAVID MANGRUM PHONE 386.752.4716
ADDRESS 2091 SW MAIN BLVD LAKE CITY FL 32025
OWNER THOMAS EAGLE PHONE 961.1086
ADDRESS 2875 SW PINEMOUNT ROAD LAKE CITY FL 32024
CONTRACTOR DAVID MANGRUM PHONE 386.752.4716
LOCATION OF PROPERTY 90-W TO PINEMOUNT ROAD, L, PROPERTY ON R,JUST PAST JOY
EXPLOSION CHURCH.
TYPE DEVELOPMENT SFD & UTILITY ESTIMATED COST OF CONSTRUCTION 88300.00
HEATED FLOOR AREA 1766.00 TOTAL AREA 2650.00 HEIGHT 16.00 STORIES 1
FOUNDATION CONC WALLS FRAMED ROOF PITCH 6'12 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 08-4S-16-02816-032 SUBDIVISION WESTBEND ACRES
LOT 4 BLOCK PHASE UNIT TOTAL ACRES .72

000000374 N RB29003100
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
WAIVER 04-0347-N BLK RTJ N
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: 1 FOOT ABOVE ROAD.

Check # or Cash 30109

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 \$ 445.00 CERTIFICATION FEE \$ 13.25 SURCHARGE FEE \$ 13.25
MISC. FEES \$.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ WASTE FEE \$
FLOOD ZONE DEVELOPMENT FEE \$ CULVERT FEE \$ TOTAL FEE 521.50
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.

22146

Inst:2004018377 Date:08/10/2004 Time:14:05

THIS INSTRUMENT WAS PREPARED BY:

KL DC, P. DeWitt Cason, Columbia County B:1023 P:276

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

PERMIT NO. 000022146

TAX FOLIO NO.: 08-45-16-02816-032

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF COLUMBIA

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.

1. Description of property:

Lot 4, WESTBEND ESTATES, as per plat thereof recorded in Plat Book 5, Page 68, public records of Columbia County, Florida.

2. General description of improvement: Construction of Dwelling

3. Owner information:

a. Name and address: THOMAS H. EAGLE,
116 NW Lake City, FL 32055

b. Interest in property: Fee Simple

c. Name and address of fee simple title holder (if other than Owner): None

4. Contractor: David E. Mangrum

Post Office Box 533, Lake City, FL 32056

5. Surety n/a

a. Name and address:


b. Amount of bond:

6. Lender: N/A

7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a) 7., Florida Statutes: None

8. In addition to himself, Owner designates N/A to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes.

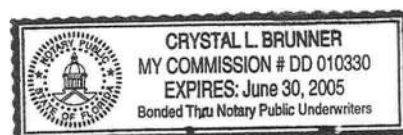
9. Expiration date of notice of commencement (the expiration date is 1 year from the date of recording unless a different date is specified). June 28, 2005.

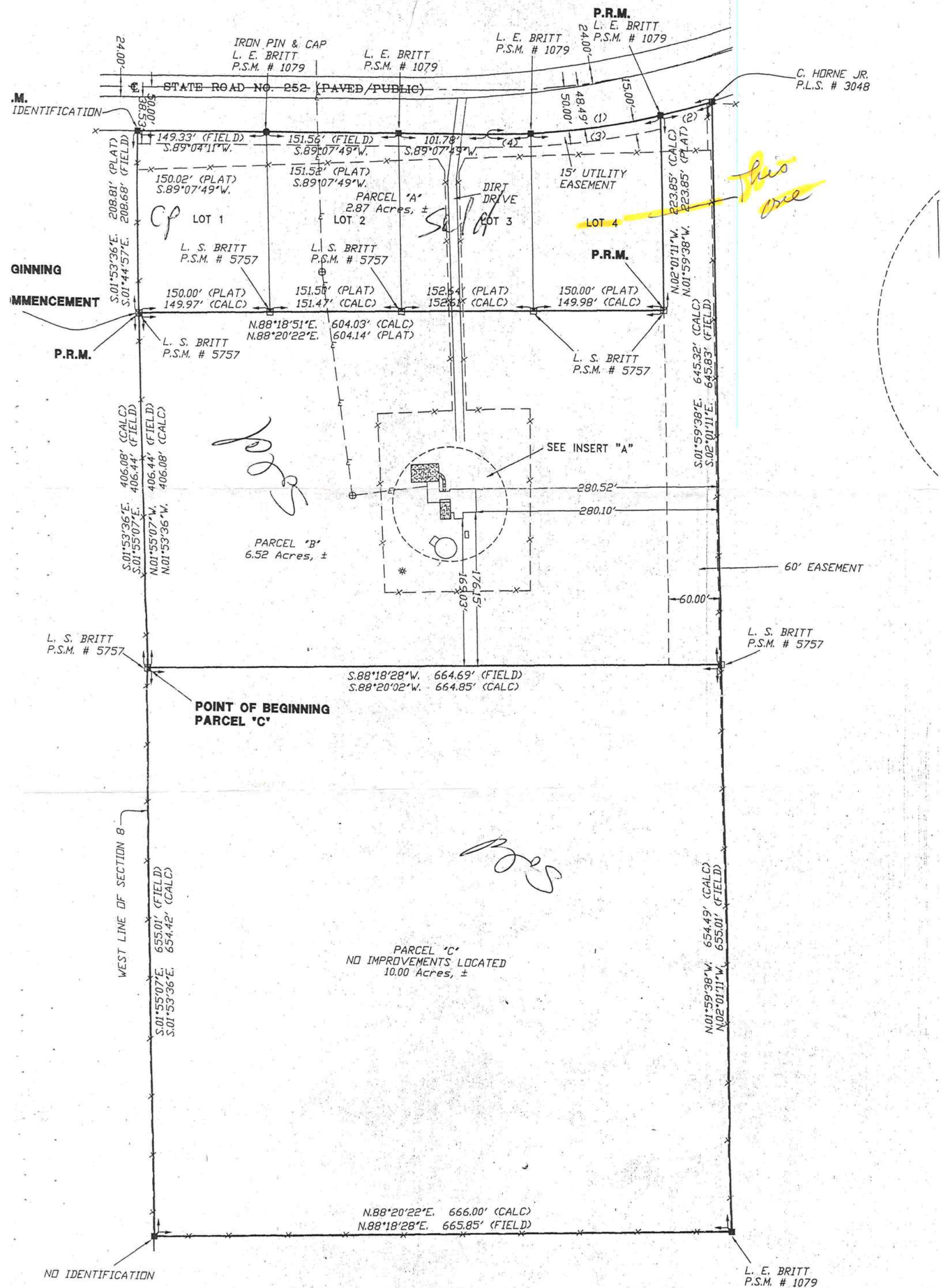

THOMAS H. EAGLE

The foregoing instrument was acknowledged before me this 28th day of June, 2004, by THOMAS H. EAGLE, who is personally known to me and who did not take an oath.


Notary Public

My commission expires: _____





Columbia County Building Permit Application

For Office Use Only Application # 0404-38 Date Received 4/9/04 By G Permit # 22166
 Application Approved by - Zoning Official BLK Date 06.08.04 Plans Examiner _____ Date _____
 Flood Zone X Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3
 Comments _____

Applicants Name Thomas Eagle Phone 386 961-1086
 Address P.O. Box 813 Lake City FL 32056
 Owners Name Tom Eagle Phone 386 961-1086
 911 Address 1116 Egret Ad Lake City FL 32055
 Contractors Name DAVE Mangrum Phone 386-752-4716
 Address 3809 SW Main Blvd Lake City FL 32025
 Fee Simple Owner Name & Address Thomas Eagle P.O. Box 813 Lake City FL 32056
 Bonding Co. Name & Address N/A
 Architect/Engineer Name & Address David Disosway, P.E. P.O. Box 868 Lake City FL 32056
 Mortgage Lenders Name & Address N/A

Property ID Number 08-45-16-02816-101032 Estimated Cost of Construction \$120,000.00
 Subdivision Name Westbend Estates Lot 4 Block _____ Unit _____ Phase _____
 Driving Directions Hwy 90 West, Turn Left on Pinemount Rd (CR252) property on Right just Past Joy Explosion Church.

Type of Construction Residential Number of Existing Dwellings on Property NONE
 Total Acreage .72 Lot Size 150x222 Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
 Actual Distance of Structure from Property Lines - Front 98 ✓ Side 49 ✓ Side 49 ✓ Rear 66 ✓
 Total Building Height 16 Number of Stories one Heated Floor Area 2650 Roof Pitch _____

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

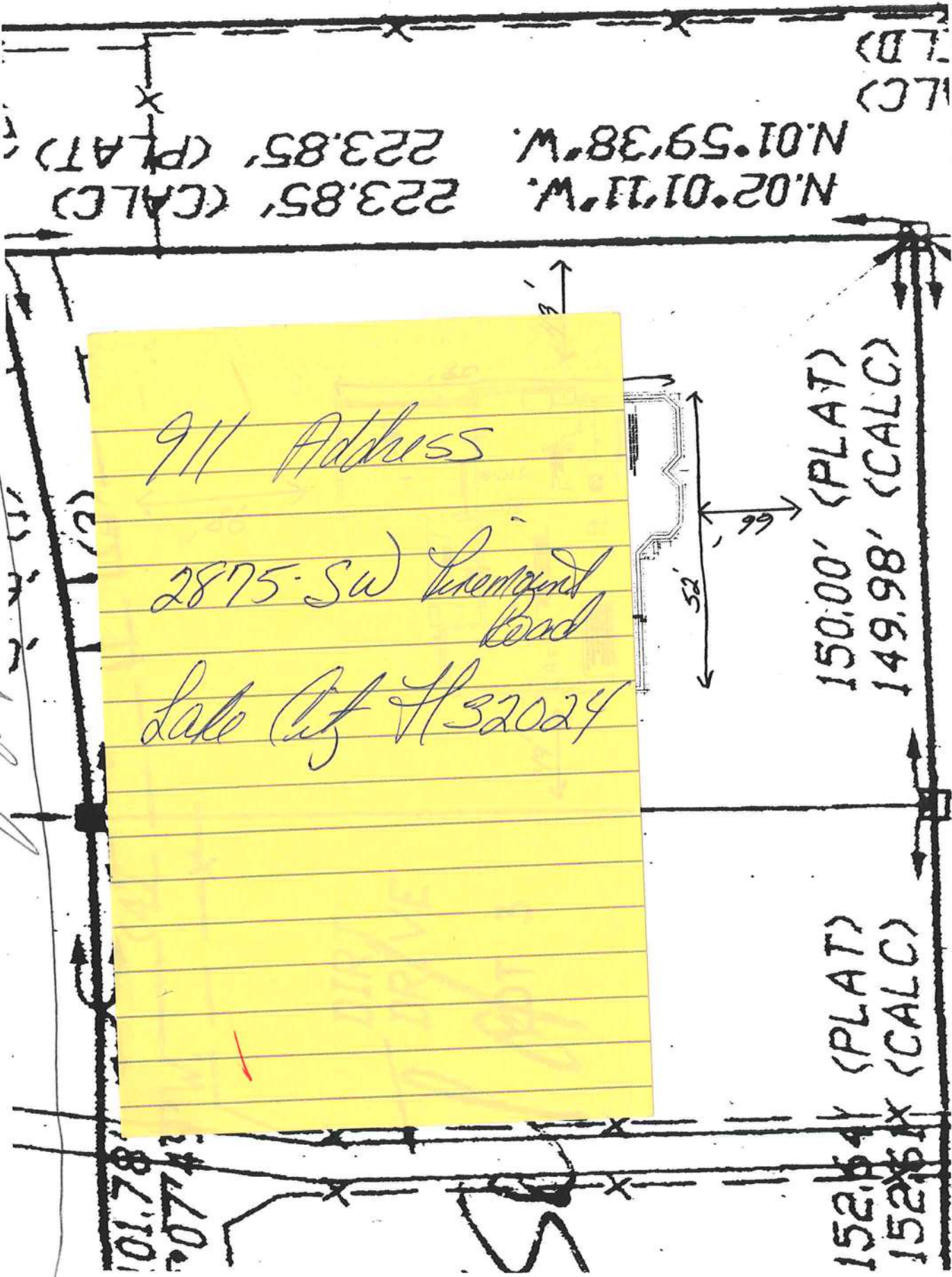
OWNERS AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning.

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

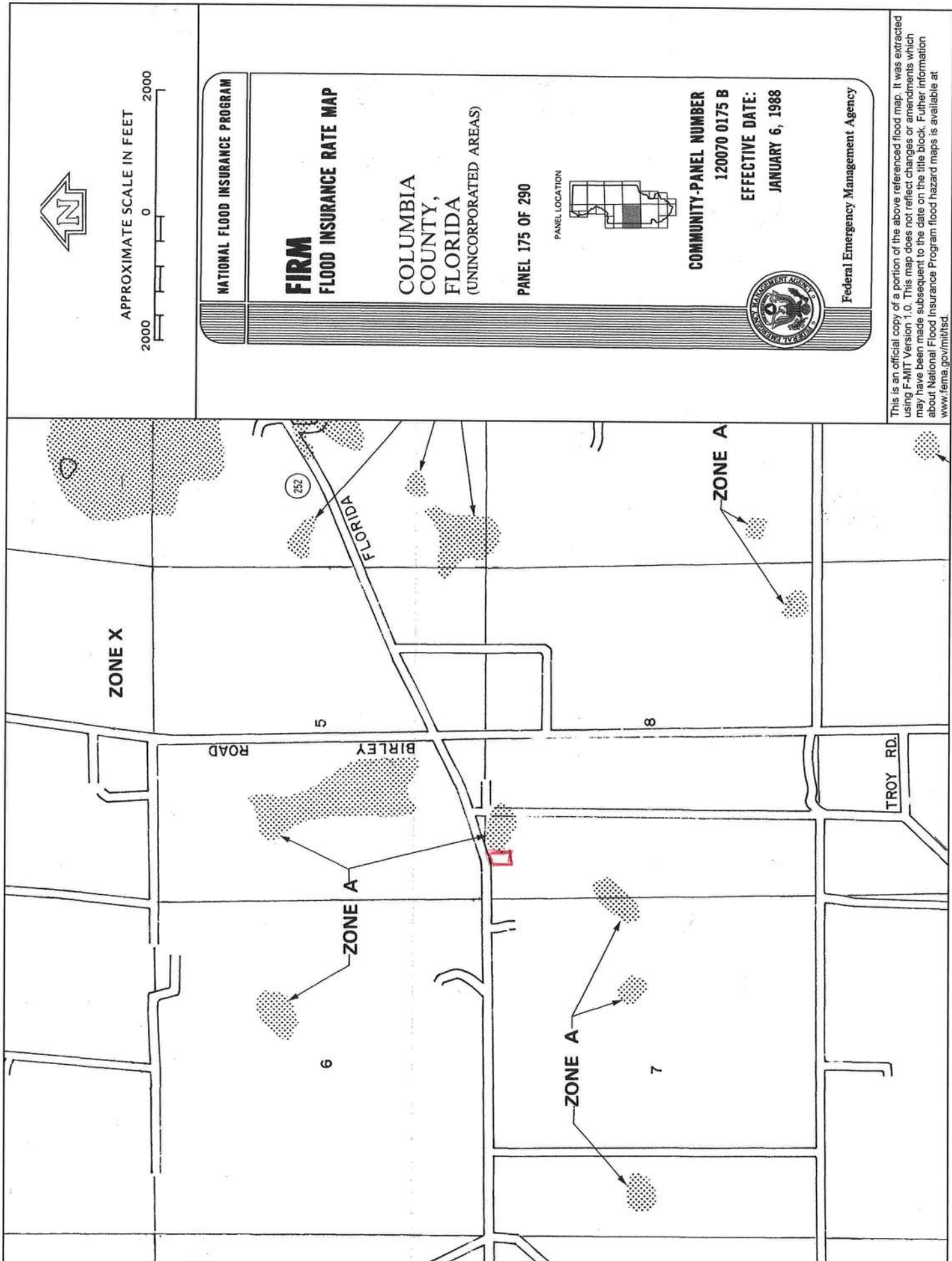
[Signature]
 Owner Builder or Agent (Including Contractor)
 STATE OF FLORIDA
 COUNTY OF COLUMBIA
 Sworn to (or affirmed) and subscribed before me this 30 day of March 2004.
 Personally known ✓ or Produced Identification _____

LEANNAH E. KRAUSS
 Notary Public, State of Florida
 My comm. exp. July 14, 2006
 Comm. No. DD 133716

[Signature]
 Contractor Signature
 Contractors License Number RB# 29003100
 Competency Card Number _____
 LEANNAH E. KRAUSS
 NOTARY STAMP/SEAL Notary Public, State of Florida
 My comm. exp. July 14, 2006
 Comm. No. DD 133716
[Signature]
 Notary Signature



0404-38



This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT Version 1.0. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. Further information about National Flood Insurance Program flood hazard maps is available at www.fema.gov/nifd.

THIS INSTRUMENT WAS PREPARED BY:

TERRY McDAVID 03-199
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

RETURN TO:

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

Property Appraiser's
Identification Number R02816-101

Inst:2003006059 Date:03/25/2003 Time:12:28

Doc Stamp-Deed : 572.60

mk DC, P. DeWitt Cason, Columbia County B:978 P:1358

WARRANTY DEED

THIS INDENTURE, made this 24th day of March, 2003, BETWEEN JIMMIE J. JORDAN and LYNELL R. JORDAN, Husband and Wife whose post office address is Post Office Box 950, Lake City, FL 32056, of the County of Columbia, State of Florida, grantor*, and THOMAS H. EAGLE, whose post office address is Route 13 Box 263, Lake City, Florida 32055, of the County of Columbia, State of Florida, grantee*.

WITNESSETH: that said grantor, for and in consideration of the sum of Ten Dollars (\$10.00), and other good and valuable considerations to said grantor in hand paid by said grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said grantee, and grantee's heirs and assigns forever, the following described land, situate, lying and being in Columbia County, Florida, to-wit:

TOWNSHIP 4 SOUTH - RANGE 16 EAST

SECTION 8: W 1/2 of NW 1/4 of NW 1/4, Section 8, Township 4 South, Range 16 East, Columbia County, Florida.

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

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

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


IN WITNESS WHEREOF, grantor has hereunto set grantor's hand and seal the day and year first above written.


Inst:2003006059 Date:03/25/2003 Time:12:28


Doc Stamp-Deed : 572.60

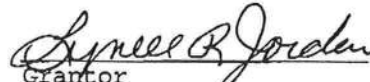
mc DC,P.DeWitt Cason,Columbia County B:978 P:1359

Signed, sealed and delivered
in our presence:


(Signature of First Witness)
Terry McDavid
(Typed Name of First Witness)


(Signature of Second Witness)
Lisa C. Ogburn
(Typed Name of Second Witness)



(SEAL)
Grantor
JIMMIE J. JORDAN
Printed Name


(SEAL)
Grantor
LYNELL R. JORDAN
Printed Name

STATE OF Florida
COUNTY OF Columbia

The foregoing instrument was acknowledged before me this 24th day of March, 2003, by JIMMIE J. JORDAN and LYNELL R. JORDAN, Husband and Wife who are personally known to me or who have produced _____ as identification and who did not take an oath.

My Commission Expires:


Notary Public
Printed, typed, or stamped name:



FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name: **308252HistonRes.**
 Address: **SR 252**
 City, State: **, FL**
 Owner: **Shirley Histon**
 Climate Zone: **North**

Builder: *Marquim, David*
 Permitting Office: *COLUMBIA*
 Permit Number: *22166*
 Jurisdiction Number: *221006*

- | | | | | | |
|--|--------------------------------|-----|--|-------------------|-----|
| 1. New construction or existing | New | ___ | 12. Cooling systems | | |
| 2. Single family or multi-family | Single family | ___ | a. Central Unit | Cap: 34.0 kBtu/hr | ___ |
| 3. Number of units, if multi-family | 1 | ___ | | SEER: 10.00 | ___ |
| 4. Number of Bedrooms | 3 | ___ | b. N/A | | ___ |
| 5. Is this a worst case? | Yes | ___ | c. N/A | | ___ |
| 6. Conditioned floor area (ft ²) | 1766 ft ² | ___ | 13. Heating systems | | |
| 7. Glass area & type | | ___ | a. Electric Heat Pump | Cap: 34.0 kBtu/hr | ___ |
| a. Clear - single pane | 0.0 ft ² | ___ | | HSPF: 6.80 | ___ |
| b. Clear - double pane | 306.3 ft ² | ___ | b. N/A | | ___ |
| c. Tint/other SHGC - single pane | 0.0 ft ² | ___ | c. N/A | | ___ |
| d. Tint/other SHGC - double pane | 0.0 ft ² | ___ | 14. Hot water systems | | |
| 8. Floor types | | ___ | a. Electric Resistance | Cap: 40.0 gallons | ___ |
| a. Slab-On-Grade Edge Insulation | R=0.0, 184.0(p) ft | ___ | | EF: 0.89 | ___ |
| b. N/A | | ___ | b. N/A | | ___ |
| c. N/A | | ___ | c. Conservation credits | | ___ |
| 9. Wall types | | ___ | (HR-Heat recovery, Solar | | ___ |
| a. Frame, Wood, Exterior | R=11.0, 1033.0 ft ² | ___ | DHP-Dedicated heat pump) | | ___ |
| b. Frame, Wood, Adjacent | R=11.0, 148.0 ft ² | ___ | 15. HVAC credits | | ___ |
| c. N/A | | ___ | (CF-Ceiling fan, CV-Cross ventilation, | | ___ |
| d. N/A | | ___ | HF-Whole house fan, | | ___ |
| e. N/A | | ___ | PT-Programmable Thermostat, | | ___ |
| 10. Ceiling types | | ___ | MZ-C-Multizone cooling, | | ___ |
| a. Under Attic | R=30.0, 1896.0 ft ² | ___ | MZ-H-Multizone heating) | | ___ |
| b. N/A | | ___ | | | ___ |
| c. N/A | | ___ | | | ___ |
| 11. Ducts | | ___ | | | ___ |
| a. Sup: Unc. Ret: Unc. AH: Interior | Sup. R=6.0, 170.0 ft | ___ | | | ___ |
| b. N/A | | ___ | | | ___ |

Glass/Floor Area: 0.17

Total as-built points: 26016

Total base points: 26631

PASS

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

PREPARED BY: Evan Beamsley

DATE: 8/27/03 *Evan Beamsley*

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: _____

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: SR 252, , FL,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned X BSPM = Points Floor Area				Type/SC Overhang Ornt Len Hgt Area X SPM X SOF = Points							
.18	1766.0	20.04	6370.3	Double, Clear	NE	3.0	7.5	10.0	28.72	0.82	235.3
				Double, Clear	E	1.5	7.5	30.0	40.22	0.95	1144.6
				Double, Clear	SE	3.0	7.5	10.0	40.86	0.74	304.4
				Double, Clear	NE	3.0	7.5	12.0	28.72	0.82	282.4
				Double, Clear	E	1.5	7.5	30.0	40.22	0.95	1144.6
				Double, Clear	SE	3.0	7.5	12.0	40.86	0.74	365.3
				Double, Clear	SE	12.0	7.5	12.0	40.86	0.42	208.0
				Double, Clear	E	9.5	9.5	50.0	40.22	0.52	1041.4
				Double, Clear	S	1.5	5.5	15.0	34.50	0.83	430.6
				Double, Clear	W	1.5	7.0	30.0	36.99	0.94	1041.8
				Double, Clear	W	1.5	1.5	5.0	36.99	0.53	98.1
				Double, Clear	W	9.5	8.0	30.0	36.99	0.49	538.7
				Double, Clear	W	9.5	2.0	5.0	36.99	0.37	69.3
				Double, Clear	W	9.5	9.5	13.6	36.99	0.53	266.8
				Double, Clear	W	9.5	2.0	4.5	36.99	0.37	62.3
				Double, Clear	N	1.5	4.8	17.2	19.22	0.91	301.1
				Double, Clear	N	1.5	5.5	20.0	19.22	0.93	356.8
				As-Built Total: 306.3 7891.6							
WALL TYPES Area X BSPM = Points				Type R-Value Area X SPM = Points							
Adjacent	148.0	0.70	103.6	Frame, Wood, Exterior			11.0	1033.0	1.70		1756.1
Exterior	1033.0	1.70	1756.1	Frame, Wood, Adjacent			11.0	148.0	0.70		103.6
Base Total:	1181.0		1859.7	As-Built Total: 1181.0 1859.7							
DOOR TYPES Area X BSPM = Points				Type Area X SPM = Points							
Adjacent	19.8	2.40	47.5	Exterior Insulated				49.0	4.10		200.9
Exterior	68.8	6.10	419.7	Exterior Insulated				19.8	4.10		81.2
				Adjacent Insulated				19.8	1.60		31.7
Base Total:	88.6		467.2	As-Built Total: 88.6 313.8							
CEILING TYPES Area X BSPM = Points				Type R-Value Area X SPM X SCM = Points							
Under Attic	1766.0	1.73	3055.2	Under Attic			30.0	1896.0	1.73 X 1.00		3280.1
Base Total:	1766.0		3055.2	As-Built Total: 1896.0 3280.1							

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: SR 252, , FL,

PERMIT #:

BASE				AS-BUILT				
FLOOR TYPES Area X BSPM = Points				Type	R-Value	Area X SPM = Points		
Slab	184.0(p)	-37.0	-6808.0	Slab-On-Grade Edge Insulation	0.0	184.0(p)	-41.20	-7580.8
Raised	0.0	0.00	0.0					
Base Total:			-6808.0	As-Built Total:		184.0	-7580.8	
INFILTRATION Area X BSPM = Points				Area X SPM = Points				
	1766.0	10.21	18030.9			1766.0	10.21	18030.9
Summer Base Points:			22975.3	Summer As-Built Points:			23795.2	
Total Summer Points	X System Multiplier	= Cooling Points		Total Component	X Cap Ratio	X Duct Multiplier	X System Multiplier	X Credit Multiplier = Cooling Points
						(DM x DSM x AHU)		
22975.3	0.4266	9801.2		23795.2	1.000	(1.090 x 1.147 x 0.91)	0.341	1.000 9239.7
				23795.2	1.00	1.138	0.341	1.000 9239.7

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: SR 252, , 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	1766.0	12.74	4049.8	Double, Clear	NE	3.0	7.5	10.0	13.40	1.02	136.3
				Double, Clear	E	1.5	7.5	30.0	9.09	1.02	279.0
				Double, Clear	SE	3.0	7.5	10.0	5.33	1.25	66.6
				Double, Clear	NE	3.0	7.5	12.0	13.40	1.02	163.6
				Double, Clear	E	1.5	7.5	30.0	9.09	1.02	279.0
				Double, Clear	SE	3.0	7.5	12.0	5.33	1.25	80.0
				Double, Clear	SE	12.0	7.5	12.0	5.33	2.34	149.8
				Double, Clear	E	9.5	9.5	50.0	9.09	1.29	584.4
				Double, Clear	S	1.5	5.5	15.0	4.03	1.15	69.4
				Double, Clear	W	1.5	7.0	30.0	10.77	1.02	328.3
				Double, Clear	W	1.5	1.5	5.0	10.77	1.17	62.8
				Double, Clear	W	9.5	8.0	30.0	10.77	1.19	383.4
				Double, Clear	W	9.5	2.0	5.0	10.77	1.24	66.6
				Double, Clear	W	9.5	9.5	13.6	10.77	1.17	170.8
				Double, Clear	W	9.5	2.0	4.5	10.77	1.24	60.0
				Double, Clear	N	1.5	4.8	17.2	14.30	1.00	247.0
				Double, Clear	N	1.5	5.5	20.0	14.30	1.00	286.9
				As-Built Total:		306.3			3413.9		
WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	148.0	3.60	532.8	Frame, Wood, Exterior	11.0		1033.0	3.70		3822.1	
Exterior	1033.0	3.70	3822.1	Frame, Wood, Adjacent	11.0		148.0	3.60		532.8	
Base Total: 1181.0 4354.9				As-Built Total:		1181.0			4354.9		
DOOR TYPES Area X BWPM = Points				Type			Area X WPM = Points				
Adjacent	19.8	11.50	227.7	Exterior Insulated			49.0	8.40		411.6	
Exterior	68.8	12.30	846.2	Exterior Insulated			19.8	8.40		166.3	
				Adjacent Insulated			19.8	8.00		158.4	
Base Total: 88.6 1073.9				As-Built Total:		88.6			736.3		
CEILING TYPES Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points				
Under Attic	1766.0	2.05	3620.3	Under Attic	30.0		1896.0	2.05 X 1.00		3886.8	
Base Total: 1766.0 3620.3				As-Built Total:		1896.0			3886.8		

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: SR 252, , FL,

PERMIT #:

BASE				AS-BUILT									
FLOOR TYPES Area X BWPM = Points				Type	R-Value	Area X WPM = Points							
Slab	184.0(p)	8.9	1637.6	Slab-On-Grade Edge Insulation	0.0	184.0(p)	18.80	3459.2					
Raised	0.0	0.00	0.0										
Base Total:			1637.6	As-Built Total:		184.0	3459.2						
INFILTRATION Area X BWPM = Points				Area X WPM = Points									
	1766.0	-0.59	-1041.9			1766.0	-0.59	-1041.9					
Winter Base Points:			13694.6	Winter As-Built Points:			14809.1						
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)													
13694.6		0.6274	8592.0	14809.1	1.000	(1.069 x 1.169 x 0.93)	0.501		1.000			8630.8	
				14809.1	1.00	1.162	0.501		1.000			8630.8	

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: SR 252, , FL,

PERMIT #:

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

CODE COMPLIANCE STATUS							
BASE				AS-BUILT			
Cooling Points	+	Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+	Heating Points
9801		8592	8238	26631	9240		8631
							8145
							26016

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: SR 252, , 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* = 82.8

The higher the score, the more efficient the home.

Shirley Histon, SR 252, , FL,

1. New construction or existing	New	___	12. Cooling systems	
2. Single family or multi-family	Single family	___	a. Central Unit	Cap: 34.0 kBtu/hr
3. Number of units, if multi-family	1	___		SEER: 10.00
4. Number of Bedrooms	3	___	b. N/A	___
5. Is this a worst case?	Yes	___	c. N/A	___
6. Conditioned floor area (ft ²)	1766 ft ²	___		___
7. Glass area & type		___	13. Heating systems	
a. Clear - single pane	0.0 ft ²	___	a. Electric Heat Pump	Cap: 34.0 kBtu/hr
b. Clear - double pane	306.3 ft ²	___		HSPF: 6.80
c. Tint/other SHGC - single pane	0.0 ft ²	___	b. N/A	___
d. Tint/other SHGC - double pane	0.0 ft ²	___	c. N/A	___
8. Floor types		___		___
a. Slab-On-Grade Edge Insulation	R=0.0, 184.0(p) ft	___	14. Hot water systems	
b. N/A	___	___	a. Electric Resistance	Cap: 40.0 gallons
c. N/A	___	___		EF: 0.89
9. Wall types		___	b. N/A	___
a. Frame, Wood, Exterior	R=11.0, 1033.0 ft ²	___	c. Conservation credits	___
b. Frame, Wood, Adjacent	R=11.0, 148.0 ft ²	___	(HR-Heat recovery, Solar	___
c. N/A	___	___	DHP-Dedicated heat pump)	___
d. N/A	___	___	15. HVAC credits	___
e. N/A	___	___	(CF-Ceiling fan, CV-Cross ventilation,	___
10. Ceiling types		___	HF-Whole house fan,	___
a. Under Attic	R=30.0, 1896.0 ft ²	___	PT-Programmable Thermostat,	___
b. N/A	___	___	MZ-C-Multizone cooling,	___
c. N/A	___	___	MZ-H-Multizone heating)	___
11. Ducts		___		___
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 170.0 ft	___		___
b. N/A	___	___		___

I certify that this home has complied with the Florida Energy Efficiency Code For Building Construction through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL Display Card will be completed based on installed Code compliant features.

Builder Signature: _____

Date: _____

Address of New Home: _____

City/FL Zip: _____

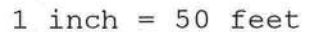


**NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStarTM designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs at 850/487-1824.*

EnergyGauge® (Version: FLR1PB v3.22)

Permit Application Number: 04-0347N

EAGLE/HITSON/CR 03-1630



3-30-04

John Weesie

**Columbia County Building Department
Culvert Waiver**

**Culvert Waiver No.
000000374**

DATE: 08/09/2004

BUILDING PERMIT NO. 22166

APPLICANT DAVID MANGRUM PHONE 387.752.4716

ADDRESS 2091 SW MAIN BLVD LAKE CITY FL 32025

OWNER THOMAS EAGLE PHONE 961.1086

ADDRESS 2875 SW PINEMOUNT ROAD LAKE CITY FL 32024

CONTRACTOR DAVID MANGRUM PHONE 752.4716

LOCATION OF PROPERTY 90-W TO PINEMOUNT ROAD, PROPERTY ON R, JUST PAST JOY EXPLOSION CHURCH.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT WESTBEND ESTATES 4

PARCEL ID # 08-4S-16-02816-032

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: *David Mangrum*

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 *[Signature]* NOT APPROVED - NEEDS A CULVERT PERMIT

COMMENTS: *PIPE Needed Existing Entrance to Property*
Approx 2' Below Pavement

SIGNED: *Ken Smith* DATE: *08/17/04*

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

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





Engineers • Planners

22166

161 N.W. Madison St., Suite 102
Lake City, Florida 32055
Tel: 386-758-4209
Fax: 386-758-4290

October 11, 2004

Columbia County Building and Zoning

RE: Eagle & Hitson Properties, Pinemount Rd.

To whom it may concern:

I have reviewed the Flood Insurance Rate Map and have determined the property is not located in a flood zone. I have performed a site evaluation of the existing area. I certify that placing the finished floor elevation at least 12" above finished grade is adequate to prevent flood and water damage. Grade the perimeter so that all runoff drains away from the building.

Sincerely,

A handwritten signature in cursive script that reads "William H. Freeman".

William H. Freeman, P.E.
President
Cert. Of Authorization 00008701



APPROXIMATE SCALE IN FEET
2000 0 2000

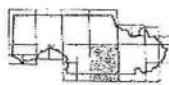
NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

COLUMBIA
COUNTY,
FLORIDA
(UNINCORPORATED AREAS)

PANEL 175 OF 290

PANEL LOCATION

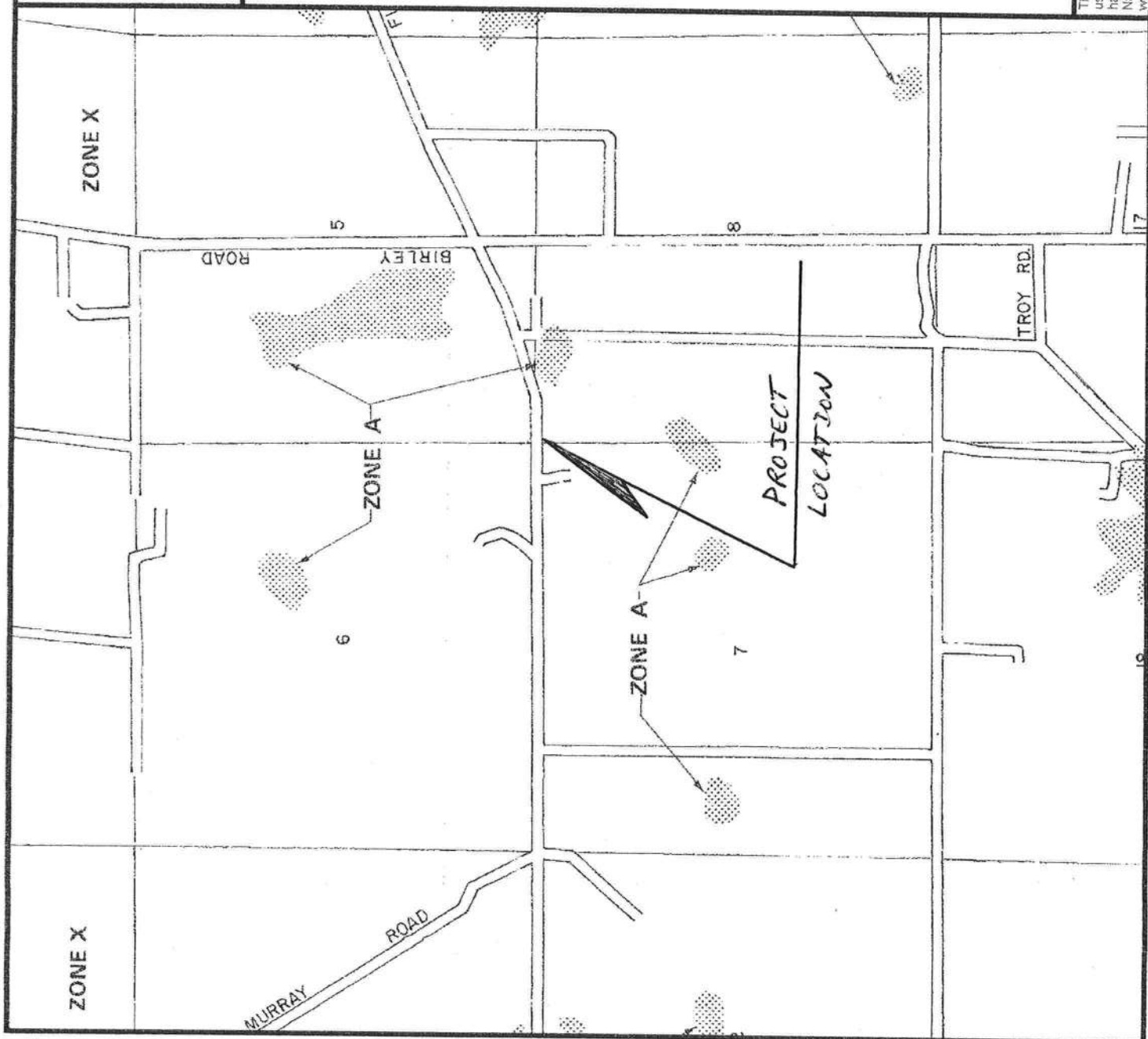


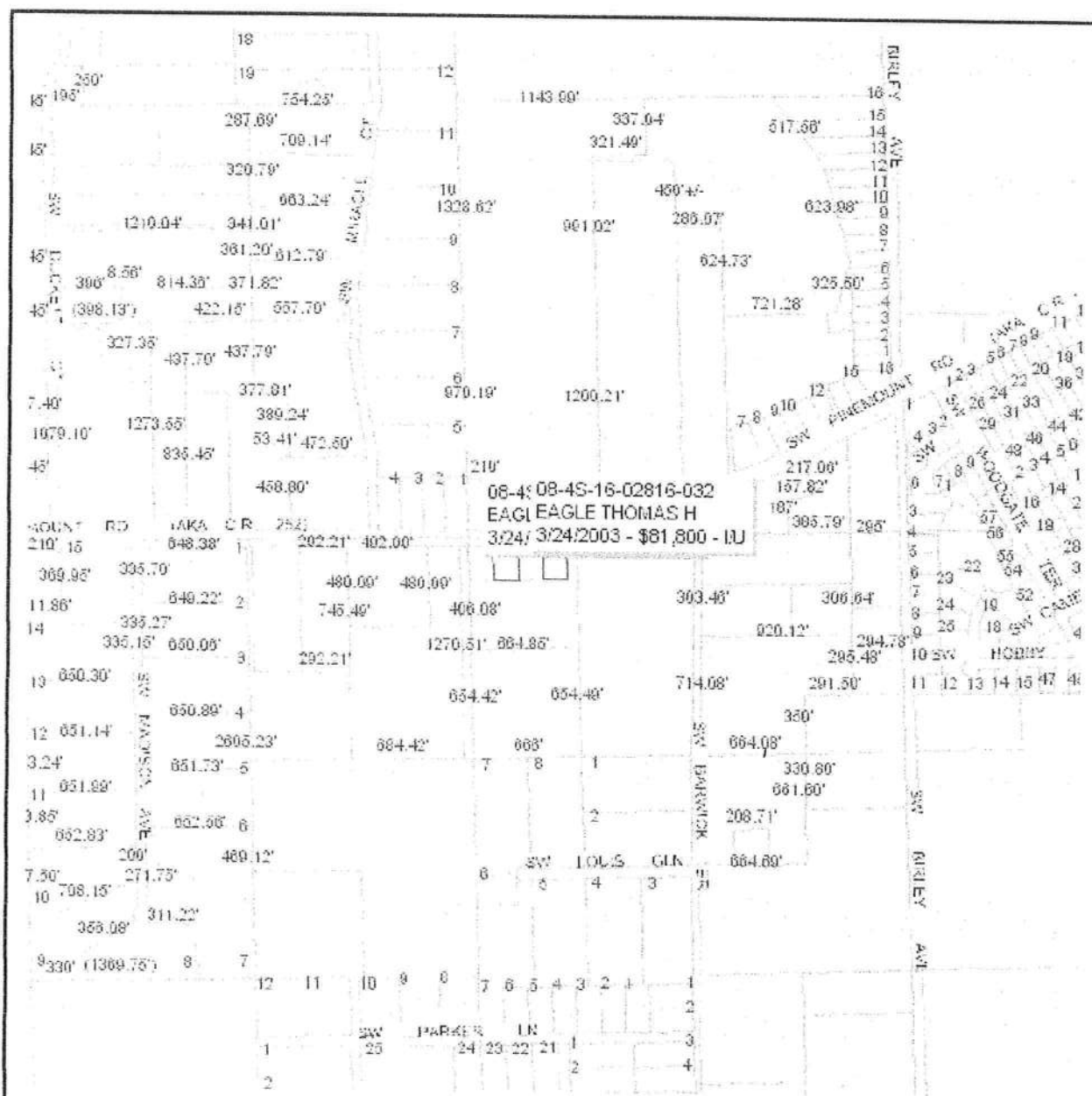
COMMUNITY-PANEL NUMBER
120070 0175 B
EFFECTIVE DATE:
JANUARY 6, 1988



Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT Version 1.0. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. Further information about National Flood Insurance Program flood hazard maps is available at www.fema.gov/nifmfsd





Columbia County Property Appraiser

J. Doyle Crews, CFA - Lake City, Florida - 386-755-1083

PARCEL: 08-4S-16-02816-032 - VACANT (000000)

LOTS 2 & 4 WESTBEND ESTATES . ORB 978-1358, 982-1874.

Name:	EAGLE THOMAS H	LandVal	\$25,000.00
Site:	WESTBEND ESTATES	BldgVal	\$0.00
Mail:	PO BOX 813	ApprVal	\$25,000.00
	LAKE CITY, FL 32056	JustVal	\$25,000.00
Sales	5/5/2003 \$100.00 V / U	Assd	\$25,000.00
Info	3/24/2003 \$81,800.00 I / U	Exmpt	\$0.00
	4/1/1986 \$60,000.00 I / Q	Taxable	\$25,000.00

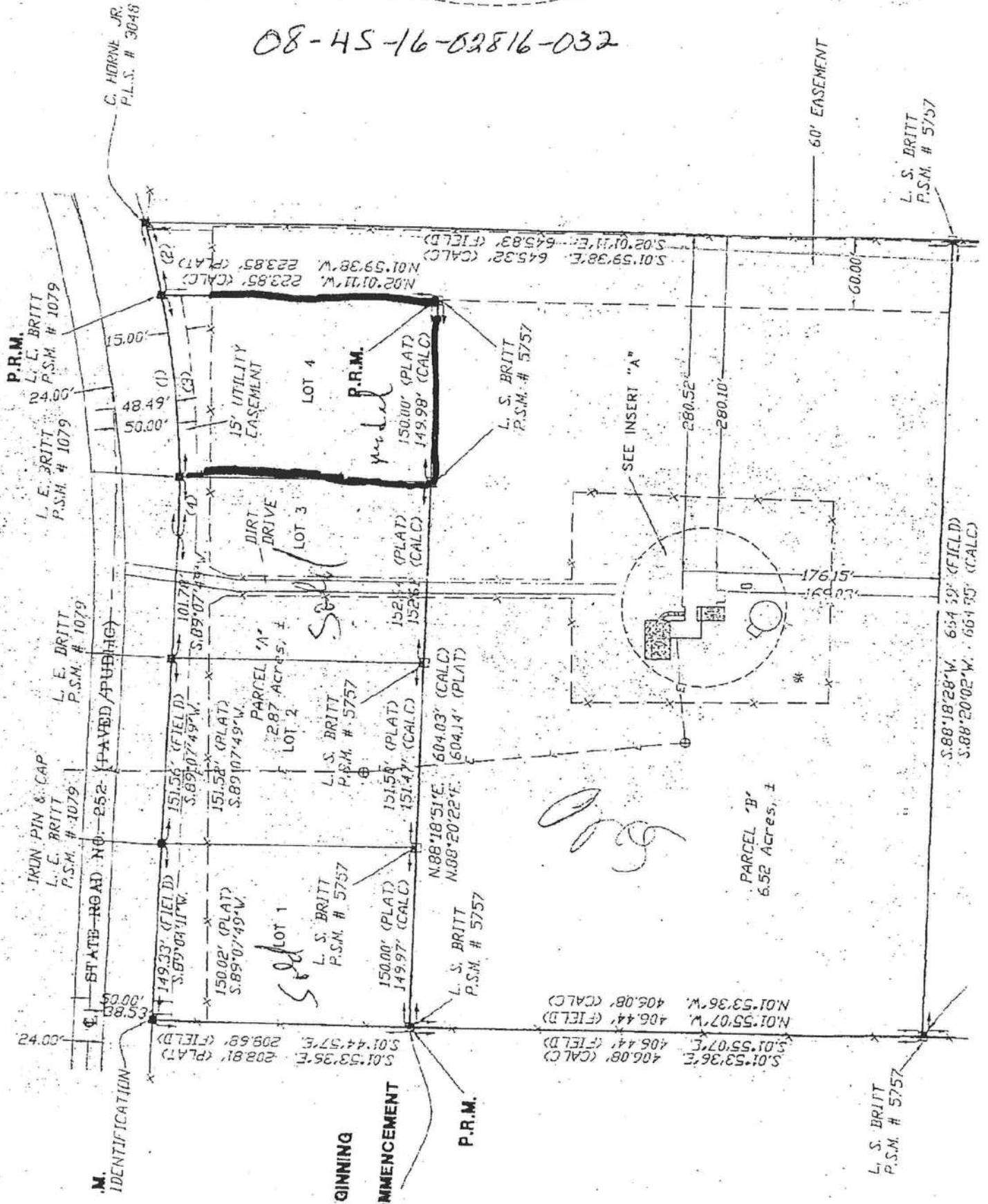
0 0.07 0.14 0.21 mi



This information, GIS Map Updated: 06/21/2004, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, its use, or its interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

~~Parcel ID~~

08-45-16-02816-032



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.

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 32855
Company Business License No. JB109476 Company Phone No. 386-755-3611
FHA/VA Case No. (if any) _____

Section 2: Builder Information

Company Name: David Mangrum Company Phone No. 752-4716

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) 2875 SW Pineamount Rd.
Lake City, FL 32024
Type of Construction (More than one box may be checked) ☒ Slab ☐ Basement ☐ Crawl ☐ Other _____
Approximate Depth of Footing: Outside 1' Inside 2' Type of Fill sand

Section 4: Treatment Information

Date(s) of Treatment(s) 11/1/04
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. 2650 Linear ft. 296 Linear ft. of Masonry Voids 280
Approximate Total Gallons of Solution Applied 600 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 Shannon Gregory Date 11/1/04

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)

COLUMBIA AVENUE 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 08-4S-16-02816-032

Building permit No. 000022166

Use Classification SFD & UTILITY

Fire: 11.34

Permit Holder DAVID MANGRUM

Waste: 24.50

Owner of Building THOMAS EAGLE

Total: 35.84

Location: 2875 SW PINEMOUNT RD, (WESTBEND ACRES, LOT 4)

Date: 06/28/2005

Harry Dicks

Building Inspector



POST IN A CONSPICUOUS PLACE
(Business Places Only)