

DATE02/11/2005

Columbia County Building Permit

PERMIT000022810

This Permit Expires One Year From the Date of Issue

APPLICANTHUGO ESCALANTE

PHONE288-8666

ADDRESS6210SW CR 18

FT. WHITEFL32038

OWNERH&M CONSTRUCTION CORP

PHONE288-8666

ADDRESS427SW WISE DRIVE

LAKE CITYFL32055

CONTRACTORHUGO ESCALANTE

PHONE288-8666

LOCATION OF PROPERTY47S, TR ON 242, TR ON WISE DRIVE, TO THE END OF CUL-DE-SAC

ON RIGHT

TYPE DEVELOPMENTSFD,UTILITY

ESTIMATED COST OF CONSTRUCTION87300.00

HEATED FLOOR AREA1746.00

TOTAL AREA2543.00

HEIGHT.00

STORIES1

FOUNDATIONCONC

WALLSFRAMED

ROOF PITCH6/12

FLOORSLAB

LAND USE & ZONINGRSF-2

MAX. HEIGHT20

Minimum Set Back Requirments:

STREET-FRONT25.00

REAR15.00

SIDE10.00

NO. EX.D.U.0

FLOOD ZONEX PP

DEVELOPMENT PERMIT NO.

PARCEL ID24-4S-16-03113-142

SUBDIVISIONWISE ESTATES

LOT12

BLOCKC

PHASE

UNIT

TOTAL ACRES.50

000000536

N

CRC1326967

Culvert Permit No.

Culvert Waiver

Contractor's License Number

Applicant/Owner/Contractor

CULVERT PERMIT

05-0117-N

BK

Y

Driveway Connection

Septic Tank Number

LU & Zoning checked by

Approved for Issuance

New Resident

COMMENTS: NOC ON FILE, 1ST FLOOR ELEVATION TO BE 95.0 FEET PER PLAT, ELEVATION

CERTIFICATION LETTER REQUIRED BEFORE SLAB

Check # or Cash1959

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 \$440.00

CERTIFICATION FEE \$12.72

SURCHARGE FEE \$12.72

MISC. FEES \$.00

ZONING CERT. FEE \$50.00

FIRE FEE \$

WASTE FEE \$

FLOOD ZONE DEVELOPMENT FEE \$

CULVERT FEE \$25.00

TOTAL FEE540.44

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 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 9-23-04

For Office Use Only Application # 0502-05 Date Received 2/4/05 By JW Permit # 536/22810
 Application Approved by - Zoning Official BLK Date 08.02.05 Plans Examiner OK JTH Date 2-9-05
 Flood Zone Xper Plat Development Permit N/A Zoning RSF-2 Land Use Plan Map Category RES. Lw Den.
 Comments 1st Floor elevation to be 95.0 Feet per plat Elevation letter Required before SIAB.

Applicants Name Hugo Escalante Phone 386-288-8666
 Address 6210 S.W. CR 18, Fort White, FL 32038
 Owners Name HBM Construction Phone 386-288-8666
 911 Address 497 S.W. WISE DR, Lake City, FL 32056
 Contractors Name Hugo Escalante (EWPL INC) Phone 386-288-8666
 Address 6210 S.W. CR 18, Fort White, FL 32038
 Fee Simple Owner Name & Address N/A
 Bonding Co. Name & Address N/A
 Architect/Engineer Name & Address Daniel Shaheen, P.O. Box 273, Lake City, FL 32056
 Mortgage Lenders Name & Address First Federal Savings, 2571 W. US Hwy 90, Lake City, FL 32055
 Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
 Property ID Number 24-45-16-03113-142 Estimated Cost of Construction \$110,000
 Subdivision Name WISE Estates Lot 12 Block C Unit Phase
 Driving Directions 47 South to 242 make right 3 miles to WISE DRIVE,
Following road turn right to lot 12 and end on right side.

Type of Construction New Single Family Dwelling Number of Existing Dwellings on Property 0
 Total Acreage .58 Lot Size .58 Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive
 Actual Distance of Structure from Property Lines - Front 65 Side 40' Side 40' Rear 75'
 Total Building Height 20' Number of Stories 1 Heated Floor Area 1746 Sq Ft Roof Pitch 6-12

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.

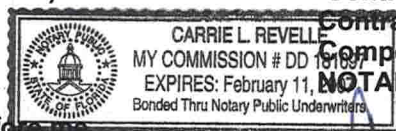
OWNERS AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning.

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.

Hugo Escalante
 Owner/Builder or Agent (Including Contractor)

Hugo Escalante
 Contractor Signature

STATE OF FLORIDA
 COUNTY OF COLUMBIA



Contractors License Number CRC1326967
 Competency Card Number
 NOTARY STAMP/SEAL

Sworn to (or affirmed) and subscribed before me
 this 2nd day of February 2005.

Personally known ✓ or Produced Identification

Carrie L. Revelle
 Notary Signature

**Columbia County Building Department
Culvert Permit**

**Culvert Permit No.
000000536**

DATE 02/11/2005 PARCEL ID # 24-4S-16-03113-142
APPLICANT HUGO ESCALANTE PHONE 288-8666
ADDRESS 6210 SW CR 18 FT. WHITE FL 32038
OWNER H&M CONSTRUCTION CORP PHONE 288-8666
ADDRESS 429 SW WISE DRIVE LAKE CITY FL 32054
CONTRACTOR HUGO ESCALANTE PHONE 288-8666
LOCATION OF PROPERTY 47S, TR ON 242, TR ON WISE ESTATES, END OF CUL-DE-SAC ON RIGHT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT WISE ESTATES 12

SIGNATURE



INSTALLATION REQUIREMENTS

☒ X

Culvert size will be 18 inches in diameter with a total length of 32 feet, leaving 24 feet of driving surface. Both ends will be mitered 4 foot with a 4 : 1 slope and poured with a 4 inch thick reinforced concrete slab.

INSTALLATION NOTE: Turnouts will be required as follows:

- a) a majority of the current and existing driveway turnouts are paved, or;
 - b) the driveway to be served will be paved or formed with concrete.
- Turnouts shall be concrete or paved a minimum of 12 feet wide or the width of the concrete or paved driveway, whichever is greater. The width shall conform to the current and existing paved or concreted turnouts.

☐

Culvert installation shall conform to the approved site plan standards.

☐

Department of Transportation Permit installation approved standards.

☐

Other _____

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

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

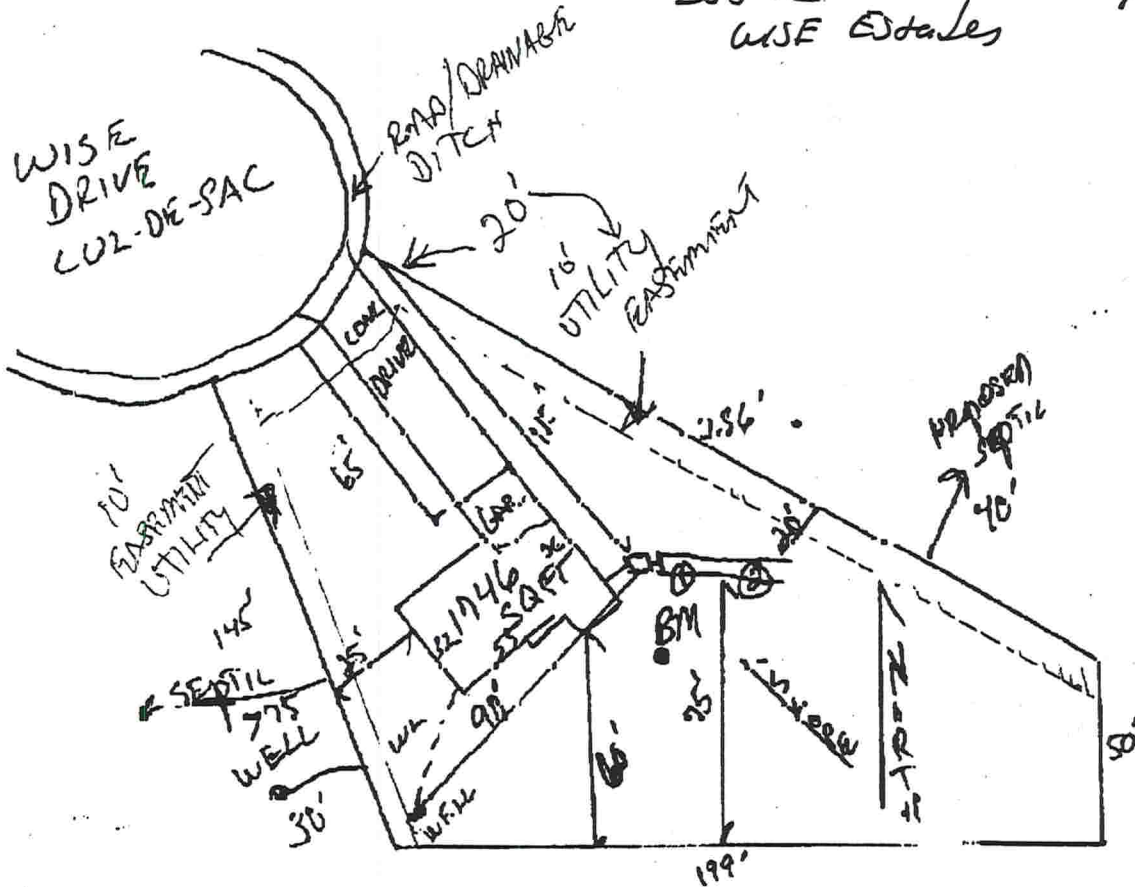
Amount Paid 25.00



STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT
Permit Application Number 05-0117N

PART II - SITEPLAN

Scale: 1 inch = 50 feet



Lot 12
WSE Estates

Amended
2-4-05
PJS

Notes:

Site Plan submitted by: Rocky D. F. - O

Plan Approved X

By: Sally Gaddy - ED - COLUMBIA

Not Approved

MASTER CONTRACTOR

Date 2-4-05

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

DH 4016, 10/06 (Replaces HRS-H Form 4016 which may be used)
(Stock Number: 5744-002-4016-6)

Page 2 of 4

COLUMBIA COUNTY 9-1-1 ADDRESSING

263 NW Lake City Ave. * P. O. Box 2949 * Lake City, FL 32056-2949

PHONE: (386) 752-8787 * FAX (386) 758-1365 * Email: ron_croft@columbiacountyfla.com

To: Mr. John Kerce, Building and Zoning Coordinator

Fr: Ronal Croft, 9-1-1 Addressing *RMC*

Dt: May 10, 2004

Re: 9-1-1 Addressing of "Wise Estates" Subdivision.

Please find attached 9-1-1 Addressing data for Wise Estates Subdivision in Sections 23, 24 and 26, Township 4 South, Range 16 East.

NOTE: Please contact the 9-1-1 Address Department concerning addresses for corner lots; Block A, lot 7, Block B, lot 1 and lot 2, Block C, lot 16, lot 17, lot 30, lot 31 and lot 42. Also, contact the 9-1-1 Address Department if two or more lots are to be combined for one residential location, as this will affect the address number.

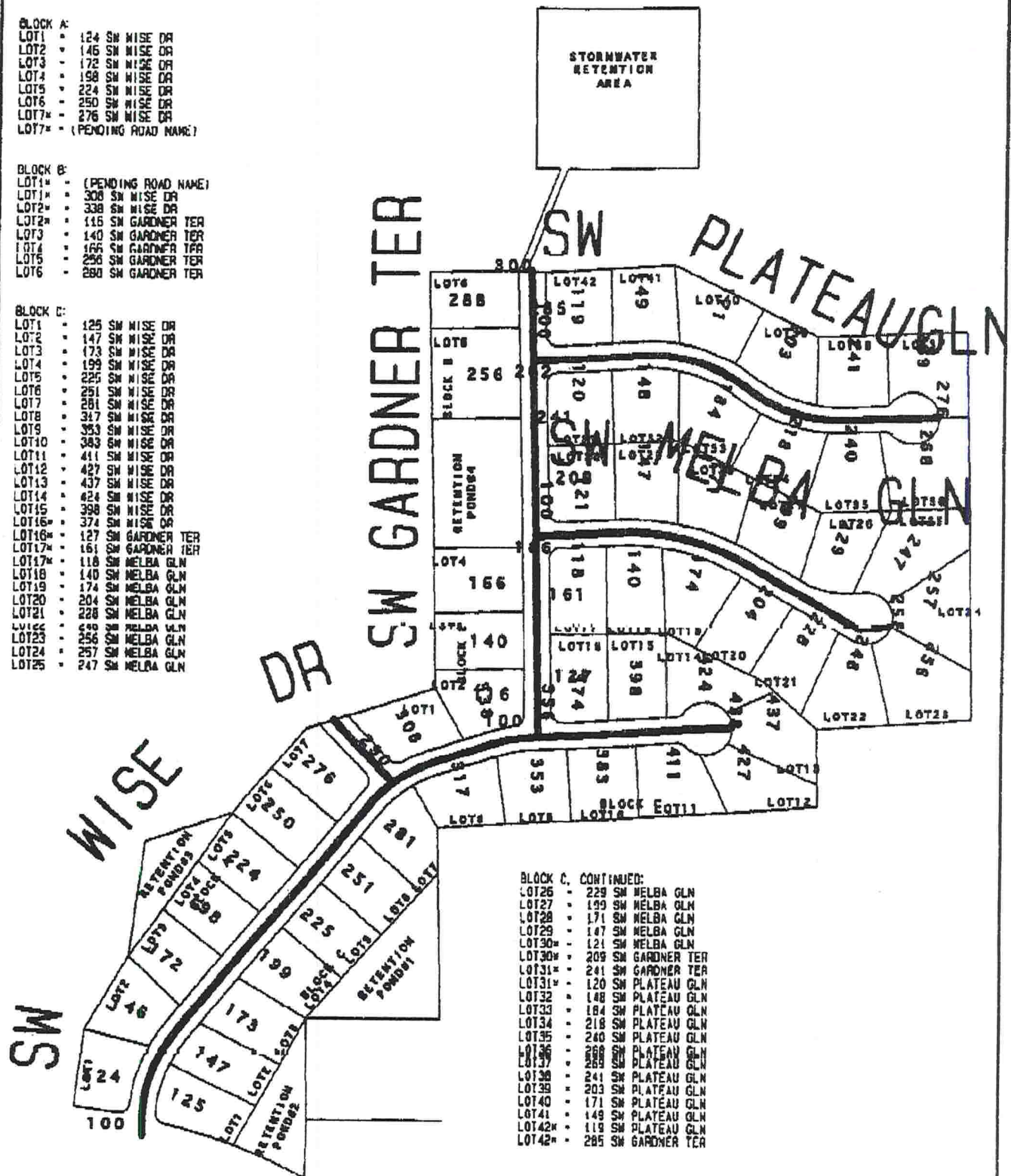
Please contact us at Telephone Number 752-8787 if there are any questions concerning the addressing of this subdivision.

XC: Environmental Health Department
Lake City Post Office
George Johnson, Bell South
Larry Cook, Property Appraiser's Office
File

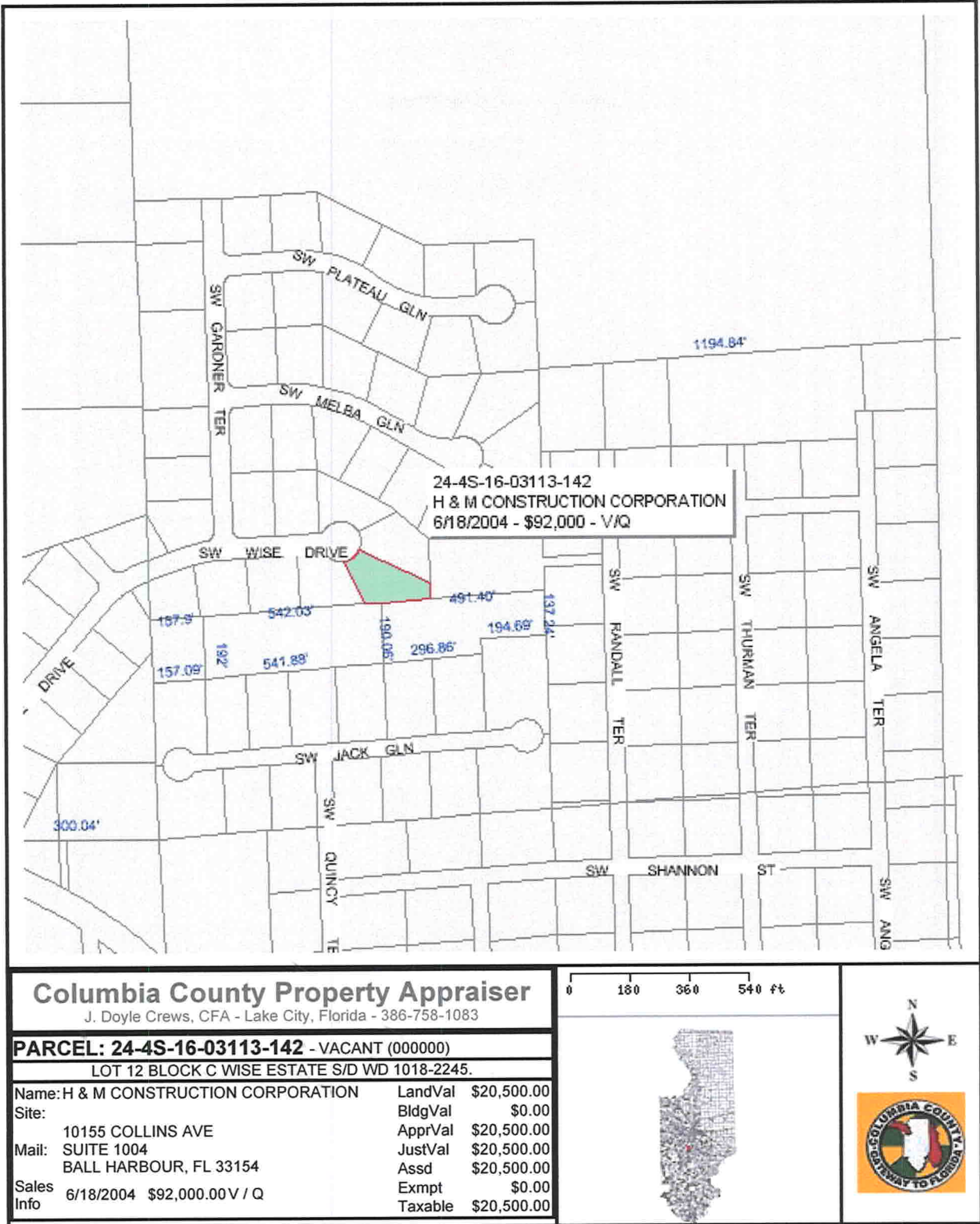
BLOCK A:
 LOT1 • 124 SW WISE DR
 LOT2 • 146 SW WISE DR
 LOT3 • 172 SW WISE DR
 LOT4 • 198 SW WISE DR
 LOT5 • 224 SW WISE DR
 LOT6 • 250 SW WISE DR
 LOT7 • 276 SW WISE DR
 LOT7* • (PENDING ROAD NAME)

BLOCK B:
 LOT1* • (PENDING ROAD NAME)
 LOT1* • 308 SW WISE DR
 LOT2* • 338 SW WISE DR
 LOT2* • 116 SW GARDNER TER
 LOT3 • 140 SW GARDNER TER
 LOT4 • 166 SW GARDNER TER
 LOT5 • 256 SW GARDNER TER
 LOT6 • 288 SW GARDNER TER

BLOCK C:
 LOT1 • 126 SW WISE DR
 LOT2 • 147 SW WISE DR
 LOT3 • 173 SW WISE DR
 LOT4 • 199 SW WISE DR
 LOT5 • 225 SW WISE DR
 LOT6 • 251 SW WISE DR
 LOT7 • 281 SW WISE DR
 LOT8 • 317 SW WISE DR
 LOT9 • 353 SW WISE DR
 LOT10 • 383 SW WISE DR
 LOT11 • 411 SW WISE DR
 LOT12 • 427 SW WISE DR
 LOT13 • 437 SW WISE DR
 LOT14 • 424 SW WISE DR
 LOT15 • 398 SW WISE DR
 LOT16 • 374 SW WISE DR
 LOT16* • 127 SW GARDNER TER
 LOT17* • 161 SW GARDNER TER
 LOT17* • 118 SW MELBA GLN
 LOT18 • 140 SW MELBA GLN
 LOT19 • 174 SW MELBA GLN
 LOT20 • 204 SW MELBA GLN
 LOT21 • 228 SW MELBA GLN
 LOT22 • 256 SW MELBA GLN
 LOT23 • 257 SW MELBA GLN
 LOT24 • 247 SW MELBA GLN



BLOCK C, CONTINUED:
 LOT26 • 229 SW MELBA GLN
 LOT27 • 199 SW MELBA GLN
 LOT28 • 171 SW MELBA GLN
 LOT29 • 147 SW MELBA GLN
 LOT30* • 121 SW MELBA GLN
 LOT30* • 209 SW GARDNER TER
 LOT31* • 241 SW GARDNER TER
 LOT31* • 120 SW PLATEAU GLN
 LOT32 • 148 SW PLATEAU GLN
 LOT33 • 184 SW PLATEAU GLN
 LOT34 • 218 SW PLATEAU GLN
 LOT35 • 240 SW PLATEAU GLN
 LOT36 • 268 SW PLATEAU GLN
 LOT37 • 289 SW PLATEAU GLN
 LOT38 • 241 SW PLATEAU GLN
 LOT39 • 203 SW PLATEAU GLN
 LOT40 • 171 SW PLATEAU GLN
 LOT41 • 149 SW PLATEAU GLN
 LOT42* • 119 SW PLATEAU GLN
 LOT42* • 285 SW GARDNER TER



Columbia County Property Appraiser

J. Doyle Crews, CFA - Lake City, Florida - 386-758-1083

PARCEL: 24-4S-16-03113-142 - VACANT (000000)

LOT 12 BLOCK C WISE ESTATE S/D WD 1018-2245.

Name: H & M CONSTRUCTION CORPORATION	LandVal	\$20,500.00
Site:	BldgVal	\$0.00
10155 COLLINS AVE	ApprVal	\$20,500.00
Mail: SUITE 1004	JustVal	\$20,500.00
BALL HARBOUR, FL 33154	Assd	\$20,500.00
Sales Info 6/18/2004 \$92,000.00 V / Q	Exmpt	\$0.00
	Taxable	\$20,500.00

This information, GIS Map Updated: 1/4/2005, 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, it's use, or it's 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.

FLORIDA ENERGY EFFICIENCY CODE
FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name:	LOT 12	Builder:	EWPL Inc
Address:	Lot: 2Sub: Wise Estates, Plat:	Permitting Office:	
City, State:	Lake City, FL 32024-	Permit Number:	22810
Owner:	H&M Construction	Jurisdiction Number:	221000
Climate Zone:	North		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 36.0 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 (ft²)	1746 ft²		
7. Glass area & type		13. Heating systems	
a. Clear - single pane	0.0 ft²	a. Electric Heat Pump	Cap: 36.0 kBtu/hr
b. Clear - double pane	306.5 ft²		HSPF: 6.80
c. Tint/other SHGC - single pane	0.0 ft²	b. N/A	
d. Tint/other SHGC - double pane	0.0 ft²	c. N/A	
8. Floor types			
a. Slab-On-Grade Edge Insulation	R=0.0, 194.0(p) ft	14. Hot water systems	
b. N/A		a. Electric Resistance	Cap: 50.0 gallons
c. N/A			EF: 0.88
9. Wall types		b. N/A	
a. Frame, Wood, Exterior	R=13.0, 1556.0 ft²	c. Conservation credits	
b. Frame, Wood, Adjacent	R=13.0, 216.0 ft²	(HR-Heat recovery, Solar	
c. N/A		DHP-Dedicated heat pump)	
d. N/A			
e. N/A		15. HVAC credits	PT, CF,
10. Ceiling types		(CF-Ceiling fan, CV-Cross ventilation,	
a. Under Attic	R=30.0, 1746.0 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: Interior	Sup. R=6.0, 130.0 ft		
b. N/A			

Glass/Floor Area: 0.18

Total as-built points: 25653
Total base points: 27939

PASS

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: _____



Code Compliance Checklist
Residential Whole Building Performance Method A - Details

12

ADDRESS: Lot: 22, Sub: Wise Estates, Plat: , Lake City, FL, 32024-

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.	

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

ADDRESS: Lot: 23, Sub: Wise Estates, Plat: , Lake City, FL, 32024-

PERMIT #:

BASE				AS-BUILT					
WATER HEATING									
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X Tank Ratio	Multiplier	X Credit = Total Multiplier
3		2746.00	8238.0	50.0	0.88	3	1.00	2746.00	1.00 8238.0
				As-Built Total:					8238.0

CODE COMPLIANCE STATUS							
BASE				AS-BUILT			
Cooling Points	+	Heating Points	+ Hot Water Points = Total Points	Cooling Points	+	Heating Points	+ Hot Water Points = Total Points
9867		9833	8238 27939	8505		8910	8238 25653

PASS



WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 23, Sub: Wise Estates, Plat: , Lake City, FL, 32024-

PERMIT #:

BASE				AS-BUILT							
Winter Base Points:		15673.4		Winter As-Built Points:						16092.7	
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)					
15673.4		0.6274	9833.5	16092.7	1.000	(1.069 x 1.169 x 0.93)	0.501	0.950		8909.9	
				16092.7	1.00	1.162	0.501	0.950		8909.9	

WINTER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 23, Sub: Wise Estates, Plat: , Lake City, FL, 32024-

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	1746.0	12.74	4003.9	Double, Clear	E	1.5	7.5	74.7	9.09	1.02	694.4
				Double, Clear	E	8.0	4.0	12.5	9.09	1.45	164.7
				Double, Clear	N	1.5	5.5	30.0	14.30	1.00	430.4
				Double, Clear	W	1.5	8.0	42.0	10.77	1.01	457.2
				Double, Clear	W	11.0	8.0	63.0	10.77	1.20	812.1
				Double, Clear	W	1.5	5.0	16.0	10.77	1.03	178.2
				Double, Clear	S	1.5	7.5	23.3	4.03	1.06	99.4
				Double, Clear	S	1.5	2.0	15.0	4.03	2.27	137.0
				Double, Clear	W	1.5	6.0	30.0	10.77	1.02	330.5
				As-Built Total:							

SUMMER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 23, Sub: Wise Estates, Plat: , Lake City, FL, 32024- PERMIT #:

BASE				AS-BUILT							
Summer Base Points: 23130.3				Summer As-Built Points: 24269.9							
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	
23130.3		0.4266	9867.4	24269.9		1.000	(1.090 x 1.147 x 0.91)	0.341	0.902	8505.2	
				24269.9		1.00	1.138	0.341	0.902	8505.2	

SUMMER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 23, Sub: Wise Estates, Plat: , Lake City, FL, 32024-

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	1746.0	20.04	6298.2	Double, Clear	E	1.5	7.5	74.7	40.22	0.95	2848.9
				Double, Clear	E	8.0	4.0	12.5	40.22	0.39	197.2
				Double, Clear	N	1.5	5.5	30.0	19.22	0.93	535.2
				Double, Clear	W	1.5	8.0	42.0	36.99	0.96	1488.3
				Double, Clear	W	11.0	8.0	63.0	36.99	0.46	1079.6
				Double, Clear	W	1.5	5.0	16.0	36.99	0.88	518.1
				Double, Clear	S	1.5	7.5	23.3	34.50	0.91	732.4
				Double, Clear	S	1.5	2.0	15.0	34.50	0.57	292.6
				Double, Clear	W	1.5	6.0	30.0	36.99	0.91	1013.5
				As-Built Total:				306.5 8705.7			
WALL TYPES Area X BSPM = Points				Type R-Value Area X SPM = Points							
Adjacent	216.0	0.70	151.2	Frame, Wood, Exterior			13.0	1556.0	1.50	2334.0	
Exterior	1556.0	1.70	2645.2	Frame, Wood, Adjacent			13.0	216.0	0.60	129.6	
Base Total: 1772.0 2796.4				As-Built Total: 1772.0 2463.6							
DOOR TYPES Area X BSPM = Points				Type Area X SPM = Points							
Adjacent	18.0	2.40	43.2	Exterior Insulated				33.0	4.10	135.3	
Exterior	53.0	6.10	323.3	Exterior Insulated				20.0	4.10	82.0	
				Adjacent Insulated				18.0	1.60	28.8	
Base Total: 71.0 366.5				As-Built Total: 71.0 246.1							
CEILING TYPES Area X BSPM = Points				Type R-Value Area X SPM X SCM = Points							
Under Attic	1746.0	1.73	3020.6	Under Attic			30.0	1746.0	1.73 X 1.00	3020.6	
Base Total: 1746.0 3020.6				As-Built Total: 1746.0 3020.6							
FLOOR TYPES Area X BSPM = Points				Type R-Value Area X SPM = Points							
Slab	194.0(p)	-37.0	-7178.0	Slab-On-Grade Edge Insulation			0.0	194.0(p)	-41.20	-7992.8	
Raised	0.0	0.00	0.0								
Base Total: -7178.0				As-Built Total: 194.0 -7992.8							
INFILTRATION Area X BSPM = Points				Area X SPM = Points							
	1746.0	10.21	17826.7					1746.0	10.21	17826.7	

ENERGY PERFORMANCE LEVEL (EPL)
DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 83.8
The higher the score, the more efficient the home.

H&M Construction, Lot: 23, Sub: Wise Estates, Plat: , Lake City, FL, 32024-

1. New construction or existing New
2. Single family or multi-family Single family
3. Number of units, if multi-family 1
4. Number of Bedrooms 3
5. Is this a worst case? Yes
6. Conditioned floor area (ft²) 1746 ft²
7. Glass area & type
a. Clear - single pane 0.0 ft²
b. Clear - double pane 306.5 ft²
c. Tint/other SHGC - single pane 0.0 ft²
d. Tint/other SHGC - double pane 0.0 ft²
8. Floor types
a. Slab-On-Grade Edge Insulation R=0.0, 194.0(p) ft
b. N/A
c. N/A
9. Wall types
a. Frame, Wood, Exterior R=13.0, 1556.0 ft²
b. Frame, Wood, Adjacent R=13.0, 216.0 ft²
c. N/A
d. N/A
e. N/A
10. Ceiling types
a. Under Attic R=30.0, 1746.0 ft²
b. N/A
c. N/A
11. Ducts
a. Sup: Unc. Ret: Unc. AH: Interior Sup. R=6.0, 130.0 ft
b. N/A
12. Cooling systems
a. Central Unit Cap: 36.0 kBtu/hr SEER: 10.00
b. N/A
c. N/A
13. Heating systems
a. Electric Heat Pump Cap: 36.0 kBtu/hr HSPF: 6.80
b. N/A
c. N/A
14. Hot water systems
a. Electric Resistance Cap: 50.0 gallons EF: 0.88
b. N/A
c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)
15. HVAC credits PT, CF, (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, RB-Attic radiant barrier, MZ-C-Multizone cooling, MZ-H-Multizone heating)

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

Builder Signature: Date:

Address of New Home: City/FL Zip:



*NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar™ designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs at 850/487-1824.
EnergyGauge® (Version: FLRCPB v3.2)

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 24-4S-16-03113-142

Building permit No. 000022810

Use Classification SFD, UTILITY

Fire: 5.67

Permit Holder HUGO ESCALANTE

Waste: 12.25

Owner of Building H&M CONSTRUCTION CORP

Total: 17.92

Location: 427 SW WISE DRIVE...WISE ESTATES, LOT 12-C

Date: 08/24/2005



[Signature]

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)



Donald F. Lee & Associates, Inc.

Surveyors & Engineers

22810

140 NW Ridgewood Avenue
Lake City, Florida 32055
(386) 755-6166
Fax (386) 755-6167
dfla@suwanneevalley.net

Monday, March 07, 2005

TO: Hugo Escalante

CC: Columbia County Building Department

FROM: Tim Delbene, P.L.S. – Donald F. Lee & Associates, Inc.

RE: Lot 12, Block C, Wise Estates – Foundation Elevation check

This letter is to certify that the floor elevation (stemwall) was measured for a foundation under construction on Lot 12, Block C of Wise Estates, on Monday, March 07, 2005. Elevations were taken at the top of the stemwall. The elevation is based on project benchmarks for said Wise Estates, with benchmark data taken from surveys made by this company.

The field measured elevation for the floor is 96.17 feet MSL. Garage is 94.12 feet.

The required minimum floor elevation for this lot, as shown on the record plat of Wise Estates, is 95.0 feet, MSL.

Timothy A. Delbene, P.L.S.
Florida Cert. No. LS 5594

DATE: 3 / 7 /2005

Donald F. Lee & Associates, Inc.

Notice of Treatment 11360

Applicator Florida Pest Control & Chemical Co.

Address 536 SE BAYA DR.

City Lake City Phone (386) 752-1703

Site Location Subdivision Wise Estates

Lot# 12C Block# Permit# 22810

Address 427 SW Wise DR.

AREAS TREATED

Area Treated	Date	Time	Gal.	Print Technician's Name
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Main Body	3-14-05	11:15	490	RD Crawford
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Patio/s #				
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Stoop/s #				
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Porch/s #				
-----------	--	--	--	--

Brick Veneer				
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Extension Walls				
-----------------	--	--	--	--

A/C Pad				
---------	--	--	--	--

Walk/s #				
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Exterior of Foundation				
------------------------	--	--	--	--

Driveway Apron				
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Out Building				
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Tub Trap/s				
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(Other)				
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Name of Product Applied Durban TC .5 %

Remarks