

DATE 11/19/2004

**Columbia County Building Permit**

This Permit Expires One Year From the Date of Issue

**PERMIT****000022520**

APPLICANT HUGO ESCALANTE PHONE 288-8666

ADDRESS 6210 SW CR 18 FT. WHITE FL 32038

OWNER EWPL, INC PHONE 288-8666

ADDRESS 247 SW MELBA GLEN LAKE CITY FL 32056

CONTRACTOR HUGO ESCALANTE PHONE 288-8666

LOCATION OF PROPERTY 47S, TR ON 242, TR ON WISE DRIVE, TR ON SW GARDNER TERR,  
TR ON SW MELBA GLEN, LEFT OF CUL-DE-SAC

TYPE DEVELOPMENT SFD, UTILITY ESTIMATED COST OF CONSTRUCTION 91450.00

HEATED FLOOR AREA 1829.00 TOTAL AREA 2564.00 HEIGHT .00 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB

LAND USE & ZONING RSF-2 MAX. HEIGHT \_\_\_\_\_

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

NO. EX.D.U. 0 FLOOD ZONE AE DEVELOPMENT PERMIT NO. 02304046

PARCEL ID 24-4S-16-03113-155 SUBDIVISION WISE ESTATES

LOT 25 BLOCK \_\_\_\_\_ PHASE \_\_\_\_\_ UNIT \_\_\_\_\_ TOTAL ACRES .81

000000455 N CRC1326967 Hugo Escalante  
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor

CULVERT PERMIT 04-1098 BK JK Y

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

COMMENTS: 1 FT RISE LETTER RECEIVED, 97.3, 1ST FLOOR TO BE 98.3 PER PLAT

NOC ON FILE

Check # or Cash 1615**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 \$ 460.00 CERTIFICATION FEE \$ 12.82 SURCHARGE FEE \$ 12.82

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

FLOOD ZONE DEVELOPMENT FEE \$ \_\_\_\_\_ CULVERT FEE \$ 25.00 TOTAL FEE 560.64

INSPECTORS OFFICE Mike TeddeCLERKS OFFICE CH

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.

FEDERAL EMERGENCY MANAGEMENT AGENCY  
NATIONAL FLOOD INSURANCE PROGRAM

O.M.B. No. 3067-0077  
Expires December 31, 2005

# ELEVATION CERTIFICATE

**Important: Read the Instructions on pages 1 - 7.**

## SECTION A - PROPERTY OWNER INFORMATION

BUILDING OWNER'S NAME Hugo Escalante		For Insurance Company Use: Policy Number
BUILDING STREET ADDRESS (Including Apt., Unit, Suite, and/or Bldg. No.) OR P.O. ROUTE AND BOX NO. SW Melba Glen		Company NAIC Number
CITY Lake City	STATE FL	ZIP CODE 32055
PROPERTY DESCRIPTION (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Lot 25, Block "C" WISE ESTATES		
BUILDING USE (e.g., Residential, Non-residential, Addition, Accessory, etc. Use a Comments area, if necessary.) Residential		
LATITUDE/LONGITUDE (OPTIONAL) (##°-##'-##.###" or ###.####")	HORIZONTAL DATUM: <input type="checkbox"/> NAD 1927 <input type="checkbox"/> NAD 1983	SOURCE: <input type="checkbox"/> GPS (Type): <input type="checkbox"/> USGS Quad Map <input type="checkbox"/> Other: _____

## SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP COMMUNITY NAME & COMMUNITY NUMBER Columbia County, Florida 120070		B2. COUNTY NAME Columbia		B3. STATE Florida	
B4. MAP AND PANEL NUMBER 120070 0175	B5. SUFFIX B	B6. FIRM INDEX DATE 1/6/1988	B7. FIRM PANEL EFFECTIVE/REVISED DATE 1/6/1988	B8. FLOOD ZONE(S) A	B9. BASE FLOOD ELEVATION(S) (Zone AO, use depth of flooding) None

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in B9.

☐ FIS Profile ☐ FIRM ☐ Community Determined ☒ Other (Describe): Min. Floor Elevation per WISE ESTATES Engineer

B11. Indicate the elevation datum used for the BFE in B9: ☒ NGVD 1929

☐ NAVD 1988 ☐ Other (Describe): \_\_\_\_\_

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? ☐ Yes ☒ No Designation Date \_\_\_\_\_

## SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

C1. Building elevations are based on: ☐ Construction Drawings\* ☒ Building Under Construction\* ☐ Finished Construction

\*A new Elevation Certificate will be required when construction of the building is complete.

C2. Building Diagram Number 1 (Select the building diagram most similar to the building for which this certificate is being completed - see pages 6 and 7. If no diagram accurately represents the building, provide a sketch or photograph.)

C3. Elevations - Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR/AO

Complete Items C3.-a-i below according to the building diagram specified in Item C2. State the datum used. If the datum is different from the datum used for the BFE in Section B, convert the datum to that used for the BFE. Show field measurements and datum conversion calculation. Use the space provided or the Comments area of Section D or Section G, as appropriate, to document the datum conversion.

Datum 1929NAVD Conversion/Comments \_\_\_\_\_

Elevation reference mark used Local BM Does the elevation reference mark used appear on the FIRM? ☐ Yes ☒ No

- o a) Top of bottom floor (including basement or enclosure) 98.32 ft.(m)
- o b) Top of next higher floor 99.02 ft.(m)
- o c) Bottom of lowest horizontal structural member (V zones only) N/A. ft.(m)
- o d) Attached garage (top of slab) N/A. ft.(m)
- o e) Lowest elevation of machinery and/or equipment servicing the building (Describe in a Comments area) N/A. ft.(m)
- o f) Lowest adjacent (finished) grade (LAG) 96.4 ft.(m)
- o g) Highest adjacent (finished) grade (HAG) 97.7 ft.(m)
- o h) No. of permanent openings (flood vents) within 1 ft. above adjacent grade N/A
- o i) Total area of all permanent openings (flood vents) in C3.h N/A sq. in. (sq. cm)

License Number, Embossed Seal, Signature, and Date

*Timothy A. Delbene*  
TIMOTHY A. DELBENE  
PSM # 5594  
DATE 12.18.04

## SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information.

I certify that the information in Sections A, B, and C on this certificate represents my best efforts to interpret the data available.

I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.

CERTIFIER'S NAME Timothy A. Delbene, PSM

LICENSE NUMBER LS 5594

TITLE Land Surveyor

COMPANY NAME Donald F. Lee & Associates, Inc.

ADDRESS

140 NW Ridgewood Avenue

CITY

Lake City

STATE

FL

ZIP CODE

32055

SIGNATURE

DATE

12/8/2004

TELEPHONE

386-755-6166

BUILDING STREET ADDRESS (including Apt., Unit, Suite, and/or Bldg. No.) OR P.O. ROUTE AND BOX NO. StV Melba Glen			For Insurance Company Use:
			Policy Number
CITY Lake City	STATE FL	ZIP CODE 32055	Company NAIC Number

### SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION (CONTINUED)

Copy both sides of this Elevation Certificate for (1) community official, (2) insurance agent/company, and (3) building owner.

#### COMMENTS

A minimum Floor Elevation of 98.3 was set for this lot by the Project Engineer for the Development. No. BFE has been established for this area. Local project benchmarks were used.

Floor Elevations are taken at the top of the stemwall. No slab has been placed.

☐ Check here if attachments

### SECTION E - BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)

For Zone AO and Zone A (without BFE), complete items E1 through E4. If the Elevation Certificate is intended for use as supporting information for a LOMA or LOMR-F, Section C must be completed.

E1. Building Diagram Number (Select the building diagram most similar to the building for which this certificate is being completed - see pages 6 and 7. If no diagram accurately represents the building, provide a sketch or photograph.)

E2. The top of the bottom floor (including basement or enclosure) of the building is \_\_\_ ft.(m) \_\_\_ in.(cm) ☐ above or ☐ below (check one) the highest adjacent grade. (Use natural grade, if available).

E3. For Building Diagrams 6-8 with openings (see page 7), the next higher floor or elevated floor (elevation b) of the building is \_\_\_ ft.(m) \_\_\_ in.(cm) above the highest adjacent grade. Complete items C3.h and C3.i on front of form.

E4. The top of the platform of machinery and/or equipment servicing the building is \_\_\_ ft.(m) \_\_\_ in.(cm) ☐ above or ☐ below (check one) the highest adjacent grade. (Use natural grade, if available).

E5. For Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance?  
☐ Yes ☐ No ☐ Unknown. The local official must certify this information in Section G.

### SECTION F - PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION

The property owner or owner's authorized representative who completes Sections A, B, C (items C3.h and C3.i only), and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here. The statements in Sections A, B, C, and E are correct to the best of my knowledge.

PROPERTY OWNER'S OR OWNER'S AUTHORIZED REPRESENTATIVE'S NAME

ADDRESS	CITY	STATE	ZIP CODE
SIGNATURE	DATE	TELEPHONE	
COMMENTS			

☐ Check here if attachments

### SECTION G - COMMUNITY INFORMATION (OPTIONAL)

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below.

G1. ☐ The information in Section C was taken from other documentation that has been signed and embossed by a licensed surveyor, engineer, or architect who is authorized by state or local law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)

G2. ☐ A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.

G3. ☐ The following information (items G4-G9) is provided for community floodplain management purposes.

G4. PERMIT NUMBER	G5. DATE PERMIT ISSUED	G6. DATE CERTIFICATE OF COMPLIANCE/OCCUPANCY ISSUED
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G7. This permit has been issued for: ☐ New Construction ☐ Substantial Improvement

G8. Elevation of as-built lowest floor (including basement) of the building is:

\_\_\_ ft.(m) Datum: \_\_\_

G9. BFE or (in Zone AO) depth of flooding at the building site is:

\_\_\_ ft.(m) Datum: \_\_\_

LOCAL OFFICIAL'S NAME	TITLE
COMMUNITY NAME	TELEPHONE
SIGNATURE	DATE
COMMENTS	



## Cal-Tech Testing, Inc.

- Engineering
- Geotechnical
- Environmental

LABORATORIES

P.O. Box 1625 • Lake City, FL 32056-1625  
6919 Distribution Avenue S., Unit #5 • Jacksonville, FL 32257

Tel. (386) 755-3633 • Fax (386) 752-5456  
Tel. (904) 262-4046 • Fax (904) 262-4047

November 19, 2004

Hugo Escalante  
P. O. Box 280  
Fort White, Florida 32038

Reference: Proposed Residence, Lot 25, Wise Estates  
Columbia County, Florida  
Cal-Tech Project No. 04-533

Dear Mr. Escalante,

Cal-Tech Testing, Inc. has performed an investigation of ground surface elevations at the site for a residence to be constructed at lot 25 of Wise Estates in Columbia County, Florida. The residence will have lateral dimensions of approximately 48 feet by 52 feet and a finished floor elevation of at least 98.3 feet. The purpose of our investigation was to determine if construction of the residence and any associated fill placement would substantially affect local flood elevations in the event flooding occurs.

We understand the local flood elevation is established at 97.3 feet. Using the elevation (98.3 ft.) of the benchmark set at the site by your surveyor (Donald Lee and Associates), the ground surface elevations at the front and rear of the building area are approximately 96.9 feet and 97.8 feet, respectively. Thus approximately half of the proposed building site has an existing ground surface elevation below the flood elevation. Fill would displace an estimated 600 cubic feet of floodwater if floodwaters rose to an elevation of 97.3 feet. Flooding to this elevation would simultaneously flood in excess of 20 square miles of land generally to the south and west of the site.

The increase of flood elevation that results from placement of the residence and associated fill is estimated to be less than 0.0001 inch and is insignificant. It is therefore our opinion that construction of the residence and placement of associated fill will not substantially affect local flood elevations.

We appreciate the opportunity to be of service on this project and look forward to a continued association.

Respectfully submitted,  
Cal-Tech Testing, Inc.

Linda Creamer  
President / CEO

John C. Dorman, Jr., Ph.D., P.E.  
Geotechnical Engineer

11/19/04

52612

22520



**Donald F. Lee & Associates, Inc.**  
**Surveyors & Engineers**

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

**TO: Hugo Escalante**

**FROM: Tim Delbene, PLS – Donald F. Lee & Associates, Inc.**

**RE: Lot 25, Block C, Wise Estates – Floor Elevation Check**

**CC: Columbia County Building Department**

This letter is to certify that we have checked the as-built floor elevation of a foundation under construction on Lot 25, Block C of Wise Estates, a subdivision recorded in the Public Records of Columbia County, Florida. The elevations were obtained in the field and based on the top of the foundation stemwall.

The average elevation for the main house corners is 99.02 feet. All corners were measured as within 0.01 feet of this average. The lower floor at the entrance to the house (porch floor?) was measured at 98.32 feet.

The minimum floor elevation for this lot, per the recorded plat, is 98.3 feet, as set by the development's project engineer. All elevations were projected from original project benchmarks.

SIGNED: \_\_\_\_\_

*Timothy A. Delbene*  
Timothy A. Delbene, PLS  
Florida Reg. Cert. No. 5594

DATE: 12 / 7 /2004

**Columbia County Building Department  
Flood Development Permit**

**Development Permit  
F 023- 02304046**

DATE 11/19/2004 BUILDING PERMIT NUMBER 000022520  
APPLICANT HUGO ESCALANTE PHONE 288-8666  
ADDRESS 6210 SW CR 18 FT. WHITE FL 32038  
OWNER EWPL, INC PHONE 288-8666  
ADDRESS 247 SW MELBA GLEN LAKE CITY FL 32056  
CONTRACTOR HUGO ESCALANTE PHONE 288-8666  
ADDRESS 6210 SW CR18 FT. WHITE FL 32038  
SUBDIVISION WISE ESTATES Lot 25 Block      Unit      Phase       
TYPE OF DEVELOPMENT SFD, UTILITY PARCEL ID NO. 24-4S-16-03113-155

FLOOD ZONE AE BY BK 1-6-88 FIRM COMMUNITY #. 120070 - PANEL #.      B  
FIRM 100 YEAR ELEVATION 97.3 PLAN INCLUDED YES or NO  
REQUIRED LOWEST HABITABLE FLOOR ELEVATION 98.3  
IN THE REGULATORY FLOODWAY YES or NO RIVER       
SURVEYOR / ENGINEER NAME John Dolman LICENSE NUMBER 9612

☒ ONE FOOT RISE CERTIFICATION INCLUDED  
☐ ZERO RISE CERTIFICATION INCLUDED  
☐ SRWMD PERMIT NUMBER       
(INCLUDING THE ONE FOOT RISE CERTIFICATION)

DATE THE FINISHED FLOOR ELEVATION CERTIFICATE WAS PROVIDED     

INSPECTED DATE      BY     

COMMENTS       
    

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



PERMIT EXPIRES ONE YEAR FROM THE DATE OF ISSUANCE

**COLUMBIA COUNTY**  
**OK**  
**ALLEN**

# 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-16-03113-155

Building permit No. 000022520

Use Classification SFD, UTILITY

Fire: 34.02

Permit Holder HUGO ESCALANTE

Waste: 73.50

Owner of Building EWPL, INC

Total: 107.52

Location: 247 SW MELBA GLEN(WISE ESTATES, LOT 25)

Date: 03/22/2005



*[Signature]*

Building Inspector

**POST IN A CONSPICUOUS PLACE**  
*(Business Places Only)*

# Notice of Treatment

11251

Applicator Florida Pest Control & Chemical Co.

Address 536 SE BAYA DR

City Lake City

Phone (386) 752-1703

Site Location Subdivision

Lot# 25 Block# Permit# 22520

Address 247 SW melba Gln Lake City

## AREAS TREATED

Area Treated	Date	Time	Gal.	Print Technician's Name
Main Body	12-08-04	10 <sup>30</sup>	470	TC D. Pawl
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				
(Other)				

Name of Product Applied Durshan TC .05 %

Remarks

Applicator - White • Permit File - Canary • Permit Holder - Pink



## Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0411-37 Date Received 11/10/04 By G Permit # 455/22520  
 Application Approved by - Zoning Official B2K Date 11.11.04 Plans Examiner \_\_\_\_\_ Date \_\_\_\_\_  
 Flood Zone AES Development Permit YES Zoning RSF-2 Land Use Plan Map Category Res. L-Dev.  
 Comments 97.3 Sect 1st Floor to be 98.3 Sect per plot

Applicants Name Hugo Escobedo Phone 386-288-8666

Address 6210 S.W. CR 18, Fort White, FL 32038

Owners Name EWPL, INC Phone 386-288-8666

911 Address 947 S.W. Melba Glen, Lake City, FL 32056

Contractors Name Hugo Escobedo (EWPL, INC) Phone 386-288-8666

Address P.O. Box 280, 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 973, Lake City, FL 32056

Mortgage Lenders Name & Address N/A

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy

Property ID Number RO3113-000 24-45-16 Estimated Cost of Construction \$115,000-

Subdivision Name Wise Estates Lot 25 Block C Unit \_\_\_\_\_ Phase \_\_\_\_\_

Driving Directions 47 South, 242 make right, 3 miles make right at wise drive. Follow road make right then left at SW Gardner Ter. then right at SW Melba Glen. lot 25 on left side end of cul-de-sac

Type of Construction New Single Family Dwelling Number of Existing Dwellings on Property 0

Total Acreage .81 AC Lot Size .81 Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 75' 10 Side 50' 37 Side 50' 68 Rear 100' 94

Total Building Height 18' Number of Stories 1 Heated Floor Area 1829.5 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 Escobedo  
 Owner/Builder or Agent (Including Contractor)

STATE OF FLORIDA  
 COUNTY OF COLUMBIA



Sworn to (or affirmed) and subscribed before me  
 this 9th day of November 2004.

Personally known ✓ or Produced Identification \_\_\_\_\_

Hugo Escobedo  
 Contractor Signature

Contractors License Number CRC 1326967

Competency Card Number \_\_\_\_\_

NOTARY STAMP/SEAL

Carrie L. Revelle

Notary Signature

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

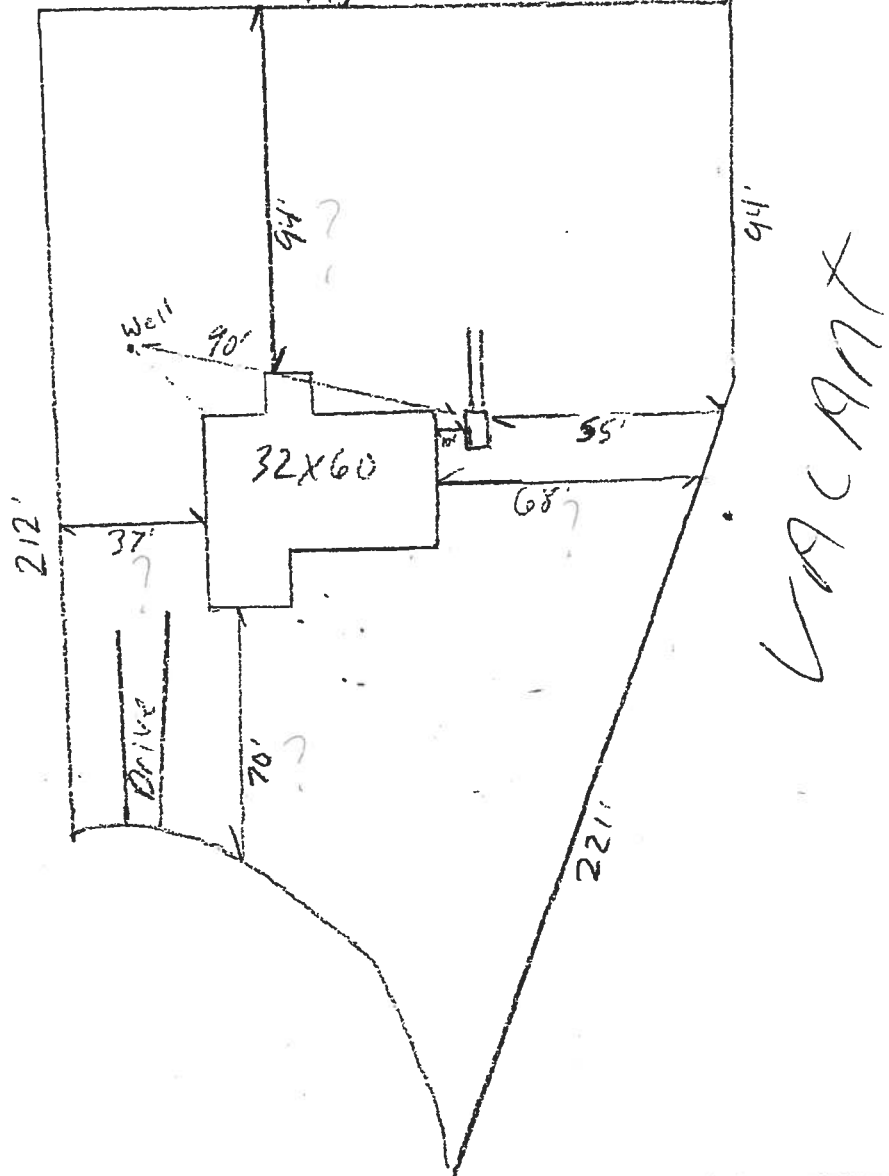
Permit Application Number 04-1098

VACANT

PART II - SITEPLAN

Scale: 1 inch = 50 feet.

Lot 25  
B-C  
Wise Estates



Notes:

Site Plan submitted by: Rocky T. F. C.

Plan Approved ☒

Not Approved ☐

By Sallie A. Shaddy - ES1 - COLUMBIA

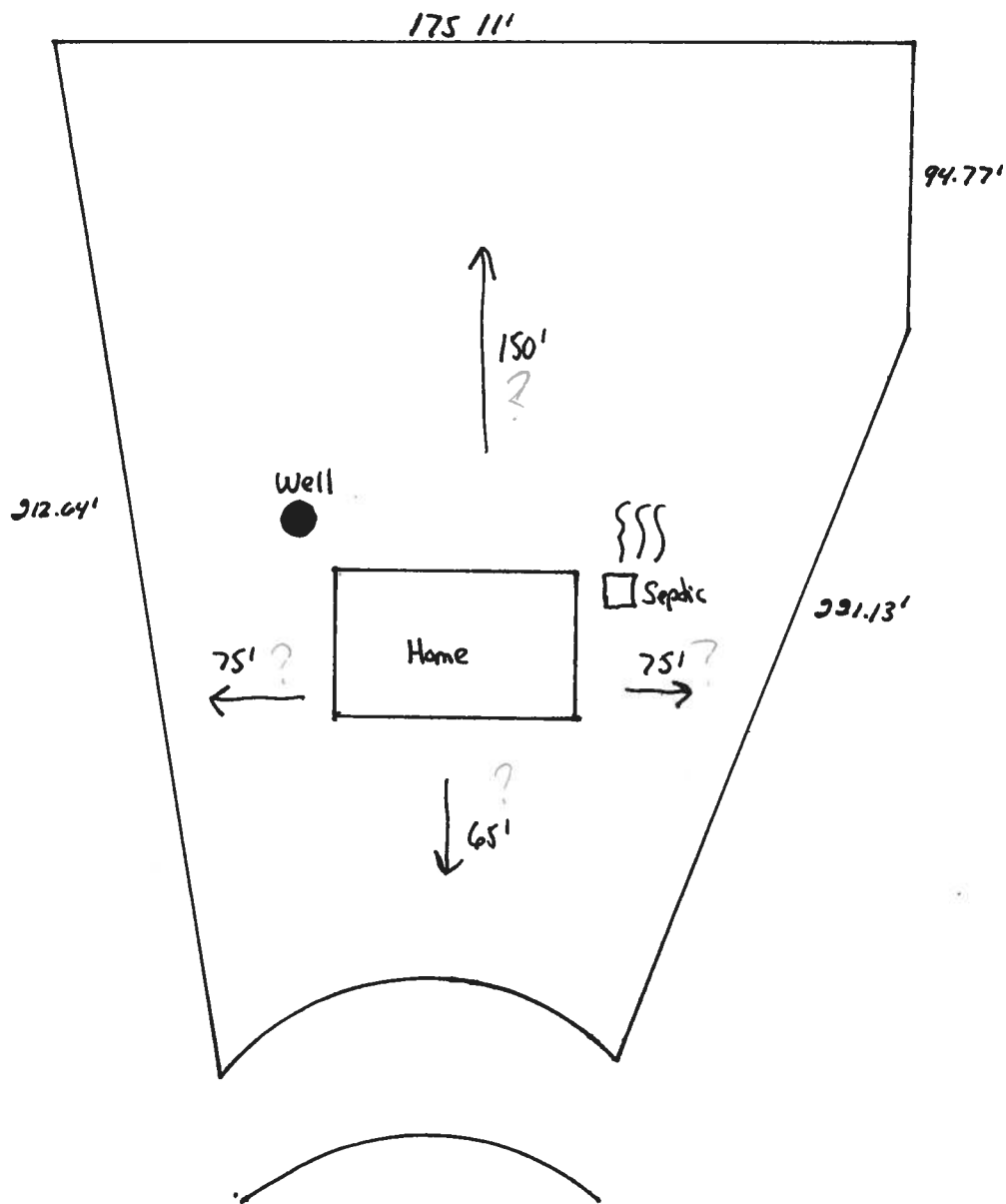
Master Contractor

Date 11-15-04

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

Lot 25, Block C, of Wise Estates, a subdivision according  
to the plat thereof recorded in Plat Book 7, Page 164-167  
of the Public Records of Columbia County, FLA  
Parcel ID# P/O R03113-00  
911 Address: 247 S.W. Melba Glen, Lake City, FL



## 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](mailto:ron_croft@columbiacountyfla.com)

To: Mr. John Kerce, Building and Zoning Coordinator

Fr: Ronal Croft, 9-1-1 Addressing 

Dt: May 10, 2004

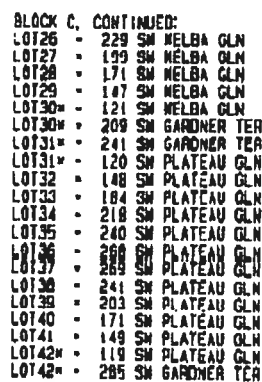
Re: 9-1-1 Addressing of "Wise Estates" Subdivision.

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



ATS# 14094

Prepared by:  
Teresa P. Baker  
Abstract & Title Services, Inc.  
382 SW Baya Drive  
Lake City, FL 32025

# Warranty Deed

Individual to Individual

Inst:2004011287 Date:05/14/2004 Time:15:17

Doc Stamp-Deed : 168.00

MK DC,P.DeWitt Cason,Columbia County B:1015 P:1200

THIS WARRANTY DEED made the 5th day of May, 2004 by

Peter W. Giebeig, A Single Person  
hereinafter called the grantor, to

EWPL, Inc.  
whose post office address is: P.O. Box 280, Ft. White, FL 32038  
hereinafter called the grantee:

(Wherever used herein the terms "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporation)

Witnesseth: That the grantor, for and in consideration of the sum of \$10.00 and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys, and confirms unto the grantee, all that certain land situate in COLUMBIA County, FLORIDA, viz: Parcel ID# P/O R03113-000

Lot 25, Block C, of Wise Estates, a subdivision according to the plat thereof recorded in Plat Book 7, Page 164-167, of the Public Records of Columbia County, Florida.

TOGETHER with all tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

TO HAVE AND TO HOLD, the same in fee simple forever.

AND the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2003.

IN WITNESS WHEREOF, the said grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered in our presence:

Rhonda B. Giebeig  
Witness RHONDA B. GIEBEIG

Peter W. Giebeig  
Peter W. Giebeig

Cynthia J. Giebeig  
Witness CYNTHIA J. GIEBEIG

STATE OF FLORIDA

NOTICE OF COMMENCEMENT FORM  
COLUMBIA COUNTY, FLORIDA

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 R03113-000

1. Description of property: (legal description of the property and street address or 911 address)  
Lot 25, Block C, of wise estates, a subdivision according to the plat  
thereof, recorded in Plat Book 7, Page 164-167 of the Public Records of  
Columbia County, Florida AKA (247 S.W. Melba Glen, Lake City, FL)
2. General description of improvement: New Single Family Residences
3. Owner Name & Address EWPL, INC P.O. Box 280, Fort White, FL 32038  
Interest in Property 100%
4. Name & Address of Fee Simple Owner (if other than owner): N/A
5. Contractor Name Hugo Escalante (EWPL INC) Phone Number 386-288-8666  
Address 6210 S.W. CR 18, Fort White, FL 32038
6. Surety Holders Name N/A  
Address N/A  
Amount of Bond N/A  
Inst: 2004025149 Date: 11/10/2004 Time: 09:30  
MK DC, P. DeWitt Cason, Columbia County B: 1030 P: 772
7. Lender Name N/A  
Address N/A
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 Hugo Escalante Phone Number 386-288-8666  
Address P.O. BOX 280, Fort White, FL 32038
9. In addition to himself/herself the owner designates Marleen Escalante of  
Fort White, FL to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) -  
(a) 7. Phone Number of the designee 386-497-2628
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.

Hugo Escalante  
Signature of Owner



Sworn to (or affirmed) and subscribed before  
day of November 9, 2004

NOTARY STAMP/SEAL

Carrie L. Revelle  
Signature of Notary



# Residential System Sizing Calculation

## Summary

EWPL INC

Lake City, FL

Project Title:  
Wise Estates Lot 25

Code Only  
Professional Version  
Climate: North

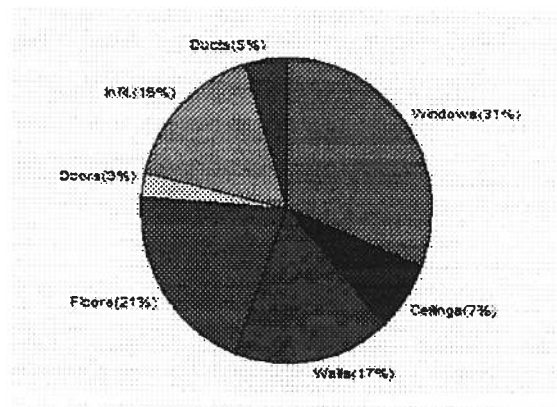
10/27/2004

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
<b>Total heating load calculation</b>	<b>32341 Btuh</b>	<b>Total cooling load calculation</b>	<b>32426 Btuh</b>
Submitted heating capacity	36000 Btuh	Submitted cooling capacity	36000 Btuh
Submitted as % of calculated	111.3 %	Submitted as % of calculated	111.0 %

## WINTER CALCULATIONS

Winter Heating Load (for 1829 sqft)

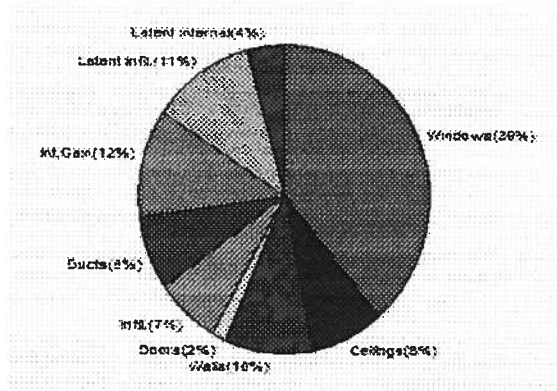
Load component		Load
Window total	357 sqft	10103 Btuh
Wall total	1890 sqft	5595 Btuh
Door total	56 sqft	847 Btuh
Ceiling total	1829 sqft	2378 Btuh
Floor total	210 ft	6636 Btuh
Infiltration	122 cfm	5241 Btuh
<b>Subtotal</b>		<b>30801 Btuh</b>
Duct loss		1540 Btuh
<b>TOTAL HEAT LOSS</b>		<b>32341 Btuh</b>



## SUMMER CALCULATIONS

Summer Cooling Load (for 1829 sqft)

Load component		Load
Window total	357 sqft	12615 Btuh
Wall total	1890 sqft	3165 Btuh
Door total	56 sqft	559 Btuh
Ceiling total	1829 sqft	2597 Btuh
Floor total		0 Btuh
Infiltration	107 cfm	2117 Btuh
Internal gain		3800 Btuh
<b>Subtotal(sensible)</b>		<b>24854 Btuh</b>
Duct gain		2485 Btuh
<b>Total sensible gain</b>		<b>27339 Btuh</b>
Latent gain(infiltration)		3707 Btuh
Latent gain(internal)		1380 Btuh
<b>Total latent gain</b>		<b>5087 Btuh</b>
<b>TOTAL HEAT GAIN</b>		<b>32426 Btuh</b>



EnergyGauge® System Sizing based on ACCA Manual J.

PREPARED BY: *[Signature]*

DATE: 10-26-04



# **Manual J Winter Calculations**

## **Residential Load - Component Details (continued)**

EWPL INC

Lake City, FL

Project Title:  
Wise Estates Lot 25

Code Only  
Professional Version  
Climate: North

10/27/2004

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 - Winter

## Residential Load - Component Details

EWPL INC

Lake City, FL

Project Title:  
Wise Estates Lot 25

Code Only  
Professional Version  
Climate: North

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

10/27/2004

Window	Panes/SHGC/Frame/U	Orientation	Area X	HTM=	Load
1	2, Clear, Metal, DEF	S	42.0	28.3	1189 Btuh
2	2, Clear, Metal, DEF	S	13.3	28.3	377 Btuh
3	2, Clear, Metal, DEF	S	9.3	28.3	264 Btuh
4	2, Clear, Metal, DEF	S	17.5	28.3	495 Btuh
5	2, Clear, Metal, DEF	E	30.0	28.3	849 Btuh
6	2, Clear, Metal, DEF	N	17.5	28.3	495 Btuh
7	2, Clear, Metal, DEF	N	72.0	28.3	2038 Btuh
8	2, Clear, Metal, DEF	NE	16.0	28.3	453 Btuh
9	2, Clear, Metal, DEF	N	36.0	28.3	1019 Btuh
10	2, Clear, Metal, DEF	NW	16.0	28.3	453 Btuh
11	2, Clear, Metal, DEF	W	21.3	28.3	604 Btuh
12	2, Clear, Metal, DEF	N	30.0	28.3	849 Btuh
13	2, Clear, Metal, DEF	W	20.0	28.3	566 Btuh
14	2, Clear, Metal, DEF	W	16.0	28.3	453 Btuh
Window Total			357		10103 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Adjacent	13.0	176	1.6	282 Btuh
2	Frame - Exterior	13.0	1714	3.1	5313 Btuh
Wall Total			1890		5595 Btuh
Doors	Type		Area X	HTM=	Load
1	Wood - Exter		20	17.9	359 Btuh
2	Wood - Exter		18	17.9	323 Btuh
3	Wood - Adjac		18	9.2	166 Btuh
Door Total			56		847Btuh
Ceilings	Type	R-Value	Area X	HTM=	Load
1	Under Attic	30.0	1829	1.3	2378 Btuh
Ceiling Total			1829		2378Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab-On-Grade Edge Insul	0	210.0 ft(p)	31.6	6636 Btuh
Floor Total			210		6636 Btuh
Infiltration	Type	ACH X	Building Volume	CFM=	Load
	Natural	0.40	18290(sqft)	122	5241 Btuh
	Mechanical			0	0 Btuh
Infiltration Total				122	5241 Btuh

Totals for Heating	Subtotal	30801 Btuh
	Duct Loss(using duct multiplier of 0.05)	1540 Btuh
	Total Btuh Loss	32341 Btuh

# Manual J Summer Calculations

## Residential Load - Component Details (continued)

EWPL INC  
Lake City, FL

Project Title:  
Wise Estates Lot 25

Code Only  
Professional Version  
Climate: North

10/27/2004

<b>Totals for Cooling</b>	<b>Subtotal</b>	<b>24854 Btuh</b>
	<b>Duct gain(using duct multiplier of 0.10)</b>	<b>2485 Btuh</b>
	<b>Total sensible gain</b>	<b>27339 Btuh</b>
	<b>Latent infiltration gain (for 51 gr. humidity difference)</b>	<b>3707 Btuh</b>
	<b>Latent occupant gain (6 people @ 230 Btuh per person)</b>	<b>1380 Btuh</b>
	<b>Latent other gain</b>	<b>0 Btuh</b>
	<b>TOTAL GAIN</b>	<b>32426 Btuh</b>

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)

# System Sizing Calculations - Summer

## Residential Load - Component Details

EWPL INC

Lake City, FL

Project Title:  
Wise Estates Lot 25

Code Only  
Professional Version  
Climate: North

Reference City: Gainesville (Defaults)

Summer Temperature Difference: 18.0 F

10/27/2004

Window	Type		Overhang		Window Area(sqft)			HTM		Load	
	Panes/SHGC/U/InSh/ExSh	Omt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2, Clear, DEF, N, N	S	1.5	7.5	42.0	42.0	0.0	22	37	924	Btuh
2	2, Clear, DEF, N, N	S	10.5	6.66	13.3	6.7	6.7	22	37	393	Btuh
3	2, Clear, DEF, N, N	S	10	4	9.3	9.3	0.0	22	37	205	Btuh
4	2, Clear, DEF, N, N	S	1.5	5.5	17.5	17.5	0.0	22	37	385	Btuh
5	2, Clear, DEF, N, N	E	1.5	5.5	30.0	2.2	27.8	22	72	2048	Btuh
6	2, Clear, DEF, N, N	N	1.5	5.5	17.5	0.0	17.5	22	22	385	Btuh
7	2, Clear, DEF, N, N	N	9	7	72.0	0.0	72.0	22	22	1584	Btuh
8	2, Clear, DEF, N, N	NE	2	6.5	16.0	0.0	16.0	22	50	800	Btuh
9	2, Clear, DEF, N, N	N	1.5	6.5	36.0	0.0	36.0	22	22	792	Btuh
10	2, Clear, DEF, N, N	NW	1.5	6.5	16.0	0.0	16.0	22	50	800	Btuh
11	2, Clear, DEF, N, N	W	1.5	6.5	21.3	7.3	14.0	22	72	1170	Btuh
12	2, Clear, DEF, N, N	N	1.5	5.5	30.0	0.0	30.0	22	22	660	Btuh
13	2, Clear, DEF, N, N	W	1.5	5.5	20.0	1.5	18.5	22	72	1366	Btuh
14	2, Clear, DEF, N, N	W	1.5	5	16.0	1.0	15.0	22	72	1103	Btuh
Window Total					357					12615 Btuh	
Walls	Type	R-Value			Area			HTM		Load	
1	Frame - Adjacent	13.0			176.0			1.0		183 Btuh	
2	Frame - Exterior	13.0			1714.0			1.7		2982 Btuh	
Wall Total					1890.0					3165 Btuh	
Doors	Type				Area			HTM		Load	
1	Wood - Exter				20.0			10.0		200 Btuh	
2	Wood - Exter				18.0			10.0		180 Btuh	
3	Wood - Adjac				18.0			10.0		180 Btuh	
Door Total					56.0					559 Btuh	
Ceilings	Type/Color	R-Value			Area			HTM		Load	
1	Under Attic/Dark	30.0			1829.0			1.4		2597 Btuh	
Ceiling Total					1829.0					2597 Btuh	
Floors	Type	R-Value			Size			HTM		Load	
1	Slab-On-Grade Edge Insulation	0.0			210.0 ft(p)			0.0		0 Btuh	
Floor Total					210.0					0 Btuh	
Infiltration	Type	ACH			Volume			CFM=		Load	
	Natural	0.35			18290			106.9		2117 Btuh	
	Mechanical							0		0 Btuh	
	Infiltration Total								107		2117 Btuh

Internal gain	Occupants		Btuh/occupant		Appliance	Load	
	6	X	300	+		2000	3800

# FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

## Florida Department of Community Affairs Residential Whole Building Performance Method A

Project Name: **Wise Estates Lot 25**  
Address: **Lot: 25, Sub: Wise Estates, Plat:**  
City, State: **Lake City, FL**  
Owner: **EWPL INC**  
Climate Zone: **North**

Builder: **EWPL INC**  
Permitting Office:  
Permit Number: **22520**  
Jurisdiction Number: **221000**

1. New construction or existing New ☐
2. Single family or multi-family Single family ☐
3. Number of units, if multi-family 1 ☐
4. Number of Bedrooms 3 ☐
5. Is this a worst case? No ☐
6. Conditioned floor area (ft<sup>2</sup>) 1829 ft<sup>2</sup> ☐
7. Glass area & type ☐
  - a. Clear - single pane 0.0 ft<sup>2</sup> ☐
  - b. Clear - double pane 357.0 ft<sup>2</sup> ☐
  - c. Tint/other SHGC - single pane 0.0 ft<sup>2</sup> ☐
  - d. Tint/other SHGC - double pane 0.0 ft<sup>2</sup> ☐
8. Floor types ☐
  - a. Slab-On-Grade Edge Insulation R=0.0, 210.0(p) ft ☐
  - b. N/A ☐
  - c. N/A ☐
9. Wall types ☐
  - a. Frame, Wood, Adjacent R=13.0, 176.0 ft<sup>2</sup> ☐
  - b. Frame, Wood, Exterior R=13.0, 1714.0 ft<sup>2</sup> ☐
  - c. N/A ☐
  - d. N/A ☐
  - e. N/A ☐
10. Ceiling types ☐
  - a. Under Attic R=30.0, 1829.0 ft<sup>2</sup> ☐
  - b. N/A ☐
  - c. N/A ☐
11. Ducts ☐
  - a. Sup: Unc. Ret: Unc. AH: Interior Sup. R=128.0, 6.0 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: 40.0 gallons ☐  
EF: 0.90 ☐
  - b. N/A ☐
  - c. Conservation credits ☐  
(HR-Heat recovery, Solar  
DHP-Dedicated heat pump)
15. HVAC credits ☐  
(CF-Ceiling fan, CV-Cross ventilation,  
HF-Whole house fan,  
PT-Programmable Thermostat,  
MZ-C-Multizone cooling,  
MZ-H-Multizone heating)

Glass/Floor Area: 0.20

Total as-built points: 27681

Total base points: 28746

# PASS

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

PREPARED BY: 

DATE: 10-26-04

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

ADDRESS: Lot: 25, Sub: Wise Estates, Plat: , Lake City, 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.	

**WATER HEATING & CODE COMPLIANCE STATUS**

## Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 25, Sub: Wise Estates, Plat: , Lake City, FL,

PERMIT #:

BASE				AS-BUILT						
<b>WATER HEATING</b>				Tank	EF	Number of	X	Tank	X	Credit
Number of	X	Multiplier	=	Volume		Bedrooms		Ratio	Multiplier	=
Bedrooms			Total							Total
3		2746.00	8238.0	40.0	0.90	3		1.00	2684.98	1.00
				As-Built Total:						8054.9

**CODE COMPLIANCE STATUS**

BASE					AS-BUILT				
Cooling	+	Heating	+	Hot Water	Cooling	+	Heating	+	Hot Water
Points		Points		Points	Points		Points		Points
				=					=
Total				Total	Total				Total
Points				Points	Points				Points
10229		10279		8238	9359		10267		8055
				28746					27681

**PASS**

# WINTER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 25, Sub: Wise Estates, Plat: , Lake City, FL,

PERMIT #:

BASE				AS-BUILT									
INFILTRATION Area X BWPM = Points				Area X WPM = Points									
1829.0	-0.59	-1079.1		1829.0	-0.59	-1079.1							
Winter Base Points:			16383.4	Winter As-Built Points:			17884.2						
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)									
16383.4		0.6274	10278.9	17884.2	1.000	(1.053 x 1.169 x 0.93)	0.501	1.000		1.000		10267.0	
				17884.2	1.00	1.145	0.501	1.000				10267.0	



# WINTER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 25, Sub: Wise Estates, Plat: , Lake City, FL,

PERMIT #:

BASE				AS-BUILT							
<b>GLASS TYPES</b>											
.18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X WPM X WOF = Points				
.18	1829.0	12.74	4194.3	Double, Clear	S	1.5	7.5	42.0	4.03	1.06	178.8
				Double, Clear	S	10.5	6.7	13.3	4.03	3.33	179.1
				Double, Clear	S	10.0	4.0	9.3	4.03	3.61	135.8
				Double, Clear	S	1.5	5.5	17.5	4.03	1.15	80.9
				Double, Clear	E	1.5	5.5	30.0	9.09	1.04	284.0
				Double, Clear	N	1.5	5.5	17.5	14.30	1.00	251.1
				Double, Clear	N	9.0	7.0	72.0	14.30	1.02	1051.7
				Double, Clear	NE	2.0	6.5	16.0	13.40	1.01	216.7
				Double, Clear	N	1.5	6.5	36.0	14.30	1.00	515.9
				Double, Clear	NW	1.5	6.5	16.0	14.03	1.00	225.0
				Double, Clear	W	1.5	6.5	21.3	10.77	1.02	234.2
				Double, Clear	N	1.5	5.5	30.0	14.30	1.00	430.4
				Double, Clear	W	1.5	5.5	20.0	10.77	1.03	221.4
				Double, Clear	W	1.5	5.0	16.0	10.77	1.03	178.2
				<b>As-Built Total:</b>		<b>357.0</b>			<b>4183.1</b>		
<b>WALL TYPES</b> Area X BWPM = Points				Type	R-Value		Area X WPM		= Points		
Adjacent	176.0	3.60	633.6	Frame, Wood, Adjacent	13.0		176.0	3.30	580.8		
Exterior	1714.0	3.70	6341.8	Frame, Wood, Exterior	13.0		1714.0	3.40	5827.6		
<b>Base Total:</b> 1890.0 6975.4				<b>As-Built Total:</b>		<b>1890.0</b>			<b>6408.4</b>		
<b>DOOR TYPES</b> Area X BWPM = Points				Type			Area X WPM		= Points		
Adjacent	18.0	11.50	207.0	Exterior Wood			20.0	12.30	246.0		
Exterior	38.0	12.30	467.4	Exterior Wood			18.0	12.30	221.4		
				Adjacent Wood			18.0	11.50	207.0		
<b>Base Total:</b> 56.0 674.4				<b>As-Built Total:</b>		<b>56.0</b>			<b>674.4</b>		
<b>CEILING TYPES</b> Area X BWPM = Points				Type	R-Value		Area X WPM X WCM		= Points		
Under Attic	1829.0	2.05	3749.4	Under Attic	30.0		1829.0	2.05 X 1.00	3749.4		
<b>Base Total:</b> 1829.0 3749.4				<b>As-Built Total:</b>		<b>1829.0</b>			<b>3749.4</b>		
<b>FLOOR TYPES</b> Area X BWPM = Points				Type	R-Value		Area X WPM		= Points		
Slab	210.0(p)	8.9	1869.0	Slab-On-Grade Edge Insulation	0.0		210.0(p)	18.80	3948.0		
Raised	0.0	0.00	0.0								
<b>Base Total:</b> 1869.0				<b>As-Built Total:</b>		<b>210.0</b>			<b>3948.0</b>		

# SUMMER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 25, Sub: Wise Estates, Plat: , Lake City, FL,

PERMIT #:

BASE				AS-BUILT			
INFILTRATION Area X BSPM = Points				Area X SPM = Points			
1829.0 10.21 18674.1				1829.0 10.21 18674.1			
<b>Summer Base Points: 23977.8</b>				<b>Summer As-Built Points: 24530.1</b>			
Total Summer Points	X	System Multiplier	= Cooling Points	Total Component	X	Cap Ratio (DM x DSM x AHU)	X Duct Multiplier X System Multiplier X Credit Multiplier = Cooling Points
<b>23977.8</b>		<b>0.4266</b>	<b>10228.9</b>	<sup>24530.1</sup> <b>24530.1</b>	<b>1.000</b>	<sup>1.000</sup> (1.071 x 1.147 x 0.91) <b>1.118</b>	<sup>0.341</sup> <b>0.341</b> <b>1.000</b> <b>9359.0</b>

# SUMMER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 25, Sub: Wise Estates, Plat: , Lake City, FL,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Omt Len Hgt		Area X SPM X	SOF = Points			
.18	1829.0	20.04	6597.6	Double, Clear	S	1.5	7.5	42.0	34.50	0.91	1318.3
				Double, Clear	S	10.5	6.7	13.3	34.50	0.47	215.4
				Double, Clear	S	10.0	4.0	9.3	34.50	0.44	141.1
				Double, Clear	S	1.5	5.5	17.5	34.50	0.83	502.4
				Double, Clear	E	1.5	5.5	30.0	40.22	0.90	1081.5
				Double, Clear	N	1.5	5.5	17.5	19.22	0.93	312.2
				Double, Clear	N	9.0	7.0	72.0	19.22	0.67	930.8
				Double, Clear	NE	2.0	6.5	16.0	28.72	0.88	405.0
				Double, Clear	N	1.5	6.5	36.0	19.22	0.95	655.5
				Double, Clear	NW	1.5	6.5	16.0	25.46	0.94	381.8
				Double, Clear	W	1.5	6.5	21.3	36.99	0.93	731.5
				Double, Clear	N	1.5	5.5	30.0	19.22	0.93	535.2
				Double, Clear	W	1.5	5.5	20.0	36.99	0.90	663.5
				Double, Clear	W	1.5	5.0	16.0	36.99	0.88	518.1
				As-Built Total:							367.0
WALL TYPES Area X BSPM = Points				Type	R-Value		Area X SPM	= Points			
Adjacent	176.0	0.70	123.2	Frame, Wood, Adjacent	13.0		176.0	0.60	105.6		
Exterior	1714.0	1.70	2913.8	Frame, Wood, Exterior	13.0		1714.0	1.50	2571.0		
Base Total: 1890.0 3037.0				As-Built Total:		1890.0		2676.6			
DOOR TYPES Area X BSPM = Points				Type			Area X SPM	= Points			
Adjacent	18.0	2.40	43.2	Exterior Wood			20.0	6.10	122.0		
Exterior	38.0	6.10	231.8	Exterior Wood			18.0	6.10	109.8		
				Adjacent Wood			18.0	2.40	43.2		
Base Total: 56.0 275.0				As-Built Total:		56.0		275.0			
CEILING TYPES Area X BSPM = Points				Type	R-Value		Area X SPM X SCM	= Points			
Under Attic	1829.0	1.73	3164.2	Under Attic	30.0		1829.0 1.73 X 1.00	3164.2			
Base Total: 1829.0 3164.2				As-Built Total:		1829.0		3164.2			
FLOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM	= Points			
Slab	210.0(p)	-37.0	-7770.0	Slab-On-Grade Edge Insulation	0.0		210.0(p) -41.20	-8652.0			
Raised	0.0	0.00	0.0								
Base Total: -7770.0				As-Built Total:		210.0		-8652.0			

# ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

**ESTIMATED ENERGY PERFORMANCE SCORE\* = 83.0**

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

EWPL INC, Lot: 25, Sub: Wise Estates, Plat: , Lake City, FL,

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?	No	c. N/A	
6. Conditioned floor area (ft <sup>2</sup> )	1829 ft <sup>2</sup>		
7. Glass area & type		13. Heating systems	
a. Clear - single pane	0.0 ft <sup>2</sup>	a. Electric Heat Pump	Cap: 36.0 kBtu/hr
b. Clear - double pane	357.0 ft <sup>2</sup>		HSPF: 6.80
c. Tint/other SHGC - single pane	0.0 ft <sup>2</sup>	b. N/A	
d. Tint/other SHGC - double pane	0.0 ft <sup>2</sup>	c. N/A	
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=0.0, 210.0(p) ft	a. Electric Resistance	Cap: 40.0 gallons
b. N/A			EF: 0.90
c. N/A		b. N/A	
9. Wall types		c. Conservation credits	
a. Frame, Wood, Adjacent	R=13.0, 176.0 ft <sup>2</sup>	(HR-Heat recovery, Solar	
b. Frame, Wood, Exterior	R=13.0, 1714.0 ft <sup>2</sup>	DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits	
d. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
e. N/A		HF-Whole house fan,	
10. Ceiling types		PT-Programmable Thermostat,	
a. Under Attic	R=30.0, 1829.0 ft <sup>2</sup>	RB-Attic radiant barrier,	
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=128.0, 6.0 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 EnergyStar<sup>TM</sup> 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](http://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)