

DATE 12/03/2004

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000022555

APPLICANT KIMMY EDGLEY

PHONE 752-0580

ADDRESS 590 SW ARLINGTON BLVD SUITE 105

LAKE CITY

FL 32025

OWNER ROBERT M. FOTI

PHONE 961-9847

ADDRESS 2221 SW SISTERS WELCOME ROAD

LAKE CITY

FL 32025

CONTRACTOR EDGLEY CONSTRUCTION

PHONE 752-0580

LOCATION OF PROPERTY 90W, TL ON SISTERS WELCOME ROAD, 1 3/4 MILES ON LEFT

TYPE DEVELOPMENT SFD,UTILITY

ESTIMATED COST OF CONSTRUCTION

84400.00

HEATED FLOOR AREA 1688.00

TOTAL AREA 2853.00

HEIGHT .00

STORIES 1

FOUNDATION CONC

WALLS FRAMED

ROOF PITCH 7/12

FLOOR SLAB

LAND USE & ZONING RSF-2

MAX. HEIGHT 21

Minimum Set Back Requirments: STREET-FRONT

25.00

REAR

15.00

SIDE

10.00

NO. EX.D.U. 0

FLOOD ZONE

X

DEVELOPMENT PERMIT NO.

PARCEL ID 12-4S-16-02935-022

SUBDIVISION

BROTHER WELCOME AIRPARK

LOT 20

BLOCK

PHASE

UNIT

TOTAL ACRES .69

000000465

N

RR28281136

Culvert Permit No.

Culvert Waiver

Contractor's License Number

Applicant/Owner/Contractor

CULVERT PERMIT

04-1026-N

BK

HD

Y

Driveway Connection

Septic Tank Number

LU & Zoning checked by

Approved for Issuance

New Resident

COMMENTS: FLOOR HEIGHT LETTER RECEIVED,SLAB TO BE 15" BELOW THE ROAD SURFACE,

SWALES WILL BE INSTALLED

noc on file

Check # or Cash 358

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 \$

425.00

CERTIFICATION FEE \$

14.27

SURCHARGE FEE \$

14.27

MISC. FEES \$

.00

ZONING CERT. FEE \$

50.00

FIRE FEE \$

WASTE FEE \$

FLOOD ZONE DEVELOPMENT FEE \$

CULVERT FEE \$

25.00

TOTAL FEE 528.54

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

CK# 358

CLAY

For Office Use Only Application # 0410-74 Date Received 10/28/04 By JW Permit # 465/22555
 Application Approved by - Zoning Official BLK Date 02.12.04 Plans Examiner _____ Date _____
 Flood Zone X Development Permit N/A Zoning RSF-2 Land Use Plan Map Category Res. Low Den
 Comments -update: Glass Door SPEC. EMB statement as to height of slab.

Applicants Name Edgley Construction Co. ^{MARILYN E. Edgley} Phone 752-0580
 Address 590 SW Arlington Blvd. Suite 105 Lake City Fl 32025
 Owners Name Robert M. Foti Phone 904-9847
 911 Address 2221 SW Sisters Welcome Rd Lake City Fl 32025
 Contractors Name Douglas E. Edgley Phone 623-6654
 Address 590 SW Arlington Blvd Suite 105 Lake City Fl 32025
 Fee Simple Owner Name & Address Robert M. Foti
 Bonding Co. Name & Address N/A
 Architect/Engineer Name & Address Mark Disasway POBox 868 Lake City Fl 32026
 Mortgage Lenders Name & Address First Federal US 90 Lake City Fl
 Property ID Number 12-45-16-02935-022 Estimated Cost of Construction \$159,000.00
 Subdivision Name Brother Welcome Airpark Lot 20 Block _____ Unit _____ Phase _____
 Driving Directions US 90 W to Sisters Welcome Rd turn left property out about a 1/4 on left.

Type of Construction Residential Number of Existing Dwellings on Property 0
 Total Acreage .688 Lot Size 43560 Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
 Actual Distance of Structure from Property Lines - Front 42' Side 26' Side 54'5" Rear 107'
 Total Building Height 21'3" Number of Stories 1 Heated Floor Area 2080 sq ft Roof Pitch 7/12

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

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

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

Kimmy Edgley - Agent
 Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
 COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
 this _____ day of _____ 20____.
 Personally known _____ or Produced Identification _____

Douglas E. Edgley
 Contractor Signature
 Contractors License Number RR282811326
 Competency Card Number 5364

NOTARY STAMP/SEAL

Notary Signature _____

August 4, 2004

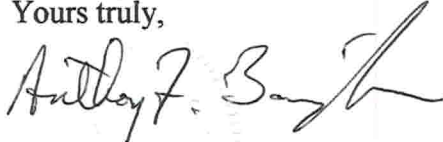
Mr. Doug Edgley
Edgley Construction Co.
590 SW Arlington Blvd.
Suite 105
Lake City, FL 32025

Dear Mr. Edgley:

At your request, you and I inspected Lot 20, Brothers Welcome Airpark in Lake City today, August 4, 2004. Based upon that inspection and my review of the lot elevations and preliminary house plans you provided, in my opinion, there will be sufficient drainage to prevent flooding if the top of the house slab is 15" below the road surface in front of the house, or higher. It is my understanding from our discussion that swales will be installed to direct water away from the house.

If you have any questions, please feel free to contact me.

Yours truly,

A handwritten signature in black ink, appearing to read "Anthony F. Bavington". The signature is fluid and cursive, with a large, sweeping "A" and a long, horizontal stroke at the end.

Anthony F. Bavington
Florida PE #27613

SITE PLAN

1300 FOTI

Lot 20

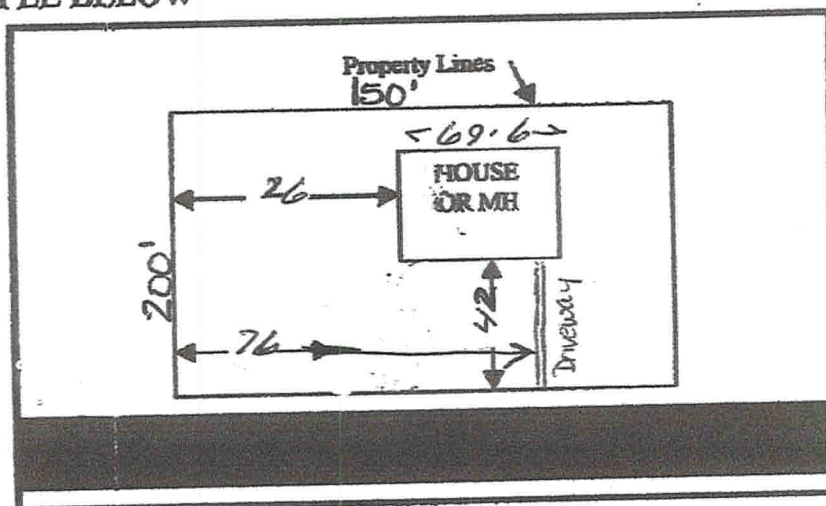
NOTICE:

TO OBTAIN A 9-1-1 ADDRESS FOR NEW CONSTRUCTION THE REQUESTER MUST GO TO THE COLUMBIA COUNTY 9-1-1 ADDRESSING DEPARTMENT AT 263 NW LAKE CITY AVE (ADDRESSES CAN NOT BE OBTAINED OVER THE TELEPHONE)

THE REQUESTER WILL NEED THE FOLLOWING:

1. THE PARCEL (TAX ID) NUMBER FOR THE PROPERTY.
2. A PLAT, PLAN, OR DRAWING SHOWING THE PROPERTY LINES OF THE PARCEL.
 - a. LOCATION OF PLANNED RESIDENT OR BUSINESS LOCATION ON THE PROPERTY WITH DISTANCES FROM TWO OF THE PROPERTY LINES TO THE STRUCTURE.
 - b. LOCATION OF THE ACCESS POINT (DRIVEWAY, ETC.) ON THE ROADWAY FROM WHICH LOCATION IS TO BE ADDRESSED WITH A DISTANCE FROM A PARALLEL PROPERTY LINE
 - c. TRAVEL OF THE DRIVEWAY FROM THE ACCESS POINT TO THE STRUCTURE.

SEE SAMPLE BELOW

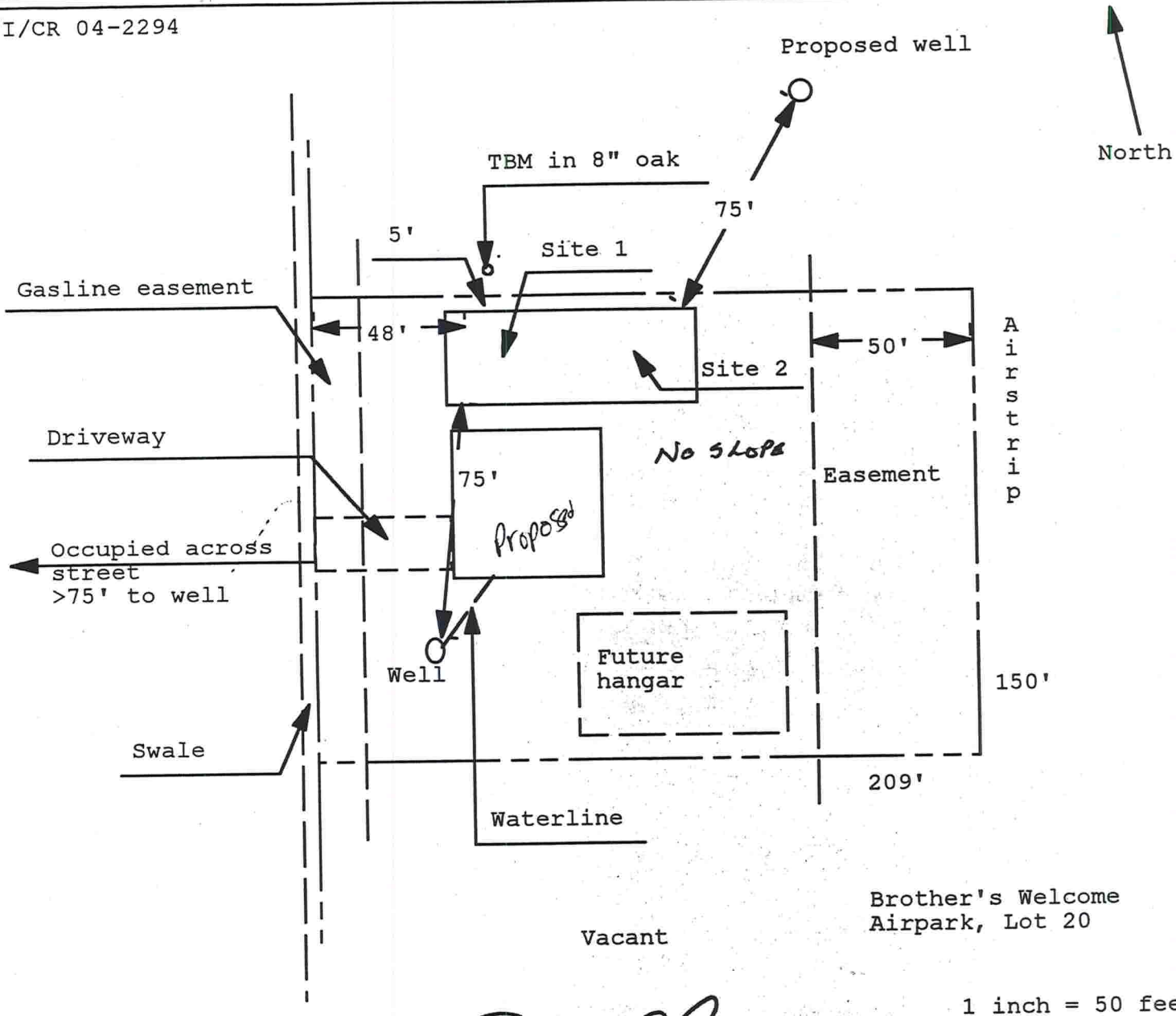


NOTE: 5 TO 7 WORKING DAYS MAY BE REQUIRED IF ADDRESSING DEPARTMENT NEEDS TO CONDUCT A SITE SURVEY.

Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan
Permit Application Number: 04-1026N

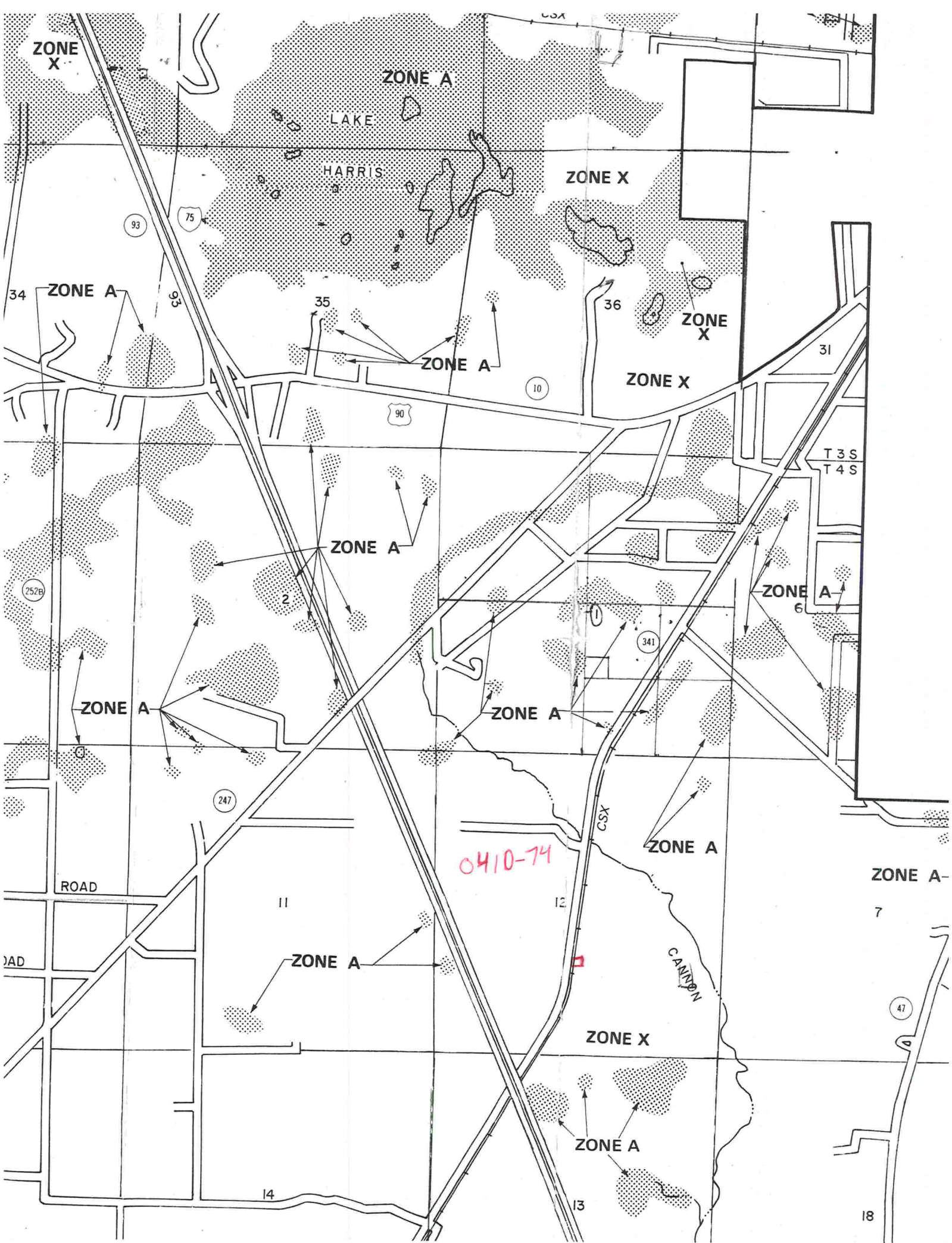
ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

FOTI/CR 04-2294



1 inch = 50 feet

Site Plan Submitted By Paul Lopez Date 8/30/04
Plan Approved Paul Lopez Not Approved _____ Date 8/30/04
By Paul Lopez Columbia CPHU 10-28-04
Notes: As per



FLORIDA ENERGY EFFICIENCY CODE
FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A


| | | | |
|---------------|-------------|----------------------|--------|
| Project Name: | 407231Foti | Builder: | Edgely |
| Address: | | Permitting Office: | |
| City, State: | , | Permit Number: | 22555 |
| Owner: | Robert Foti | 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: 40.0 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) | 2080 ft² | | |
| 7. Glass area & type | Single Pane Double Pane | 13. Heating systems | |
| a. Clear glass, default U-factor | 0.0 ft² 266.0 ft² | a. Electric Heat Pump | Cap: 40.0 kBtu/hr |
| b. Default tint, default U-factor | 0.0 ft² 0.0 ft² | | HSPF: 7.00 |
| c. Labeled U-factor or SHGC | 0.0 ft² 0.0 ft² | b. N/A | |
| 8. Floor types | | c. N/A | |
| a. Slab-On-Grade Edge Insulation | R=0.0, 224.0(p) ft | | |
| b. N/A | | 14. Hot water systems | |
| c. N/A | | a. Electric Resistance | Cap: 40.0 gallons |
| 9. Wall types | | | EF: 0.88 |
| a. Face Brick, Wood, Exterior | R=11.0, 1107.0 ft² | b. N/A | |
| b. Frame, Wood, Exterior | R=11.0, 173.0 ft² | | |
| c. Frame, Wood, Adjacent | R=11.0, 430.0 ft² | c. Conservation credits | |
| d. N/A | | (HR-Heat recovery, Solar | |
| e. N/A | | DHP-Dedicated heat pump) | |
| 10. Ceiling types | | 15. HVAC credits | |
| a. Under Attic | R=30.0, 2136.0 ft² | (CF-Ceiling fan, CV-Cross ventilation, | |
| b. N/A | | HF-Whole house fan, | |
| c. N/A | | PT-Programmable Thermostat, | |
| 11. Ducts | | MZ-C-Multizone cooling, | |
| a. Sup: Unc. Ret: Unc. AH: Interior | Sup. R=6.0, 220.0 ft | MZ-H-Multizone heating) | |
| b. N/A | | | |

Glass/Floor Area: 0.13

Total as-built points: 28936
Total base points: 30017

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: 9/17/04 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:  |
|--|--|

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

| BASE | | | | AS-BUILT | | | | | | | | | | |
|--|----------|-------|---------|---|---|------|----------|---------------------------------|---------|------|--------|-------|--------|--|
| GLASS TYPES .18 X Conditioned X BSPM = Points Floor Area | | | | Overhang Type/SCOrnt Len Hgt Area X SPM X SOF = Points | | | | | | | | | | |
| .18 | 2080.0 | 20.04 | 7503.0 | Double, Clear | W | 1.5 | 2.2 | 3.0 | 38.52 | 0.63 | 72.4 | | | |
| | | | | Double, Clear | W | 1.5 | 5.5 | 16.0 | 38.52 | 0.90 | 552.8 | | | |
| | | | | Double, Clear | S | 1.5 | 6.5 | 25.0 | 35.87 | 0.88 | 786.2 | | | |
| | | | | Double, Clear | S | 1.5 | 1.5 | 5.0 | 35.87 | 0.52 | 93.4 | | | |
| | | | | Double, Clear | W | 1.5 | 6.5 | 75.0 | 38.52 | 0.93 | 2678.7 | | | |
| | | | | Double, Clear | W | 1.5 | 1.5 | 15.0 | 38.52 | 0.53 | 306.5 | | | |
| | | | | Double, Clear | N | 1.5 | 9.5 | 40.0 | 19.20 | 0.98 | 751.8 | | | |
| | | | | Double, Clear | W | 1.5 | 4.5 | 9.0 | 38.52 | 0.85 | 294.5 | | | |
| | | | | Double, Clear | E | 6.5 | 4.5 | 9.0 | 42.06 | 0.44 | 166.4 | | | |
| | | | | Double, Clear | E | 6.5 | 9.5 | 14.0 | 42.06 | 0.62 | 366.1 | | | |
| | | | | Double, Clear | E | 0.0 | 0.0 | 30.0 | 42.06 | 1.00 | 1261.9 | | | |
| | | | | Double, Clear | E | 0.0 | 0.0 | 5.0 | 42.06 | 1.00 | 210.3 | | | |
| | | | | Double, Clear | S | 1.5 | 6.5 | 15.0 | 35.87 | 0.88 | 471.7 | | | |
| | | | | Double, Clear | S | 1.5 | 1.5 | 5.0 | 35.87 | 0.52 | 93.4 | | | |
| | | | | As-Built Total: | | | | | | | | 266.0 | 8106.2 | |
| | | | | WALL TYPES Area X BSPM = Points | | | | TypeR-Value Area X SPM = Points | | | | | | |
| Adjacent | 430.0 | 0.70 | 301.0 | Face Brick, Wood, Exterior | | 11.0 | 1107.0 | 0.40 | 442.8 | | | | | |
| Exterior | 1280.0 | 1.70 | 2176.0 | Frame, Wood, Exterior | | 11.0 | 173.0 | 1.70 | 294.1 | | | | | |
| | | | | Frame, Wood, Adjacent | | 11.0 | 430.0 | 0.70 | 301.0 | | | | | |
| Base Total: | 1710.0 | | 2477.0 | As-Built Total: | | | 1710.0 | | 1037.9 | | | | | |
| DOOR TYPES Area X BSPM = Points | | | | TypeArea X SPM = Points | | | | | | | | | | |
| Adjacent | 20.0 | 2.40 | 48.0 | Adjacent Insulated | | | 20.0 | 1.60 | 32.0 | | | | | |
| Exterior | 20.0 | 6.10 | 122.0 | Exterior Insulated | | | 20.0 | 4.10 | 82.0 | | | | | |
| Base Total: | 40.0 | | 170.0 | As-Built Total: | | | 40.0 | | 114.0 | | | | | |
| CEILING TYPES Area X BSPM = Points | | | | TypeR-Value Area X SPM X SCM = Points | | | | | | | | | | |
| Under Attic | 2080.0 | 1.73 | 3598.4 | Under Attic | | 30.0 | 2136.0 | 1.73 X 1.00 | 3695.3 | | | | | |
| Base Total: | 2080.0 | | 3598.4 | As-Built Total: | | | 2136.0 | | 3695.3 | | | | | |
| FLOOR TYPES Area X BSPM = Points | | | | TypeR-Value Area X SPM = Points | | | | | | | | | | |
| Slab | 224.0(p) | -37.0 | -8288.0 | Slab-On-Grade Edge Insulation | | 0.0 | 224.0(p) | -41.20 | -9228.8 | | | | | |
| Raised | 0.0 | 0.00 | 0.0 | | | | | | | | | | | |
| Base Total: | | | -8288.0 | As-Built Total: | | | 224.0 | | -9228.8 | | | | | |

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

| BASE | | | | AS-BUILT | | | | |
|--|--|--|--|---|--|--|--|--|
| INFILTRATION Area X BSPM = Points | | | | Area X SPM = Points | | | | |
| 2080.0 10.21 21236.8 | | | | 2080.0 10.21 21236.8 | | | | |
| Summer Base Points: 26697.2 | | | | Summer As-Built Points: 24961.4 | | | | |
| Total Summer X System = Cooling Points Multiplier Points | | | | Total X Cap X Duct X System X Credit = Cooling Component Ratio Multiplier Multiplier Multiplier Points <small>(DM x DSM x AHU)</small> | | | | |
| 26697.2 0.4266 11389.0 | | | | 24961.4 1.000 (1.090 x 1.147 x 0.91) 0.341 1.000 9692.5 24961.4 1.00 1.138 0.341 1.000 9692.5 | | | | |

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

| BASE | | | | AS-BUILT | | | | | | | |
|--|----------|-------|--------|--|---|------|----------|-------------|--------|------|--------|
| GLASS TYPES .18 X Conditioned X BWPM = Points Floor Area | | | | Type/SC Overhang Ornt Len Hgt Area X WPM X WOF = Points | | | | | | | |
| .18 | 2080.0 | 12.74 | 4769.9 | Double, Clear | W | 1.5 | 2.2 | 3.0 | 20.73 | 1.12 | 69.9 |
| | | | | Double, Clear | W | 1.5 | 5.5 | 16.0 | 20.73 | 1.03 | 341.0 |
| | | | | Double, Clear | S | 1.5 | 6.5 | 25.0 | 13.30 | 1.09 | 363.7 |
| | | | | Double, Clear | S | 1.5 | 1.5 | 5.0 | 13.30 | 2.73 | 181.6 |
| | | | | Double, Clear | W | 1.5 | 6.5 | 75.0 | 20.73 | 1.02 | 1585.2 |
| | | | | Double, Clear | W | 1.5 | 1.5 | 15.0 | 20.73 | 1.17 | 362.8 |
| | | | | Double, Clear | N | 1.5 | 9.5 | 40.0 | 24.58 | 1.00 | 983.4 |
| | | | | Double, Clear | W | 1.5 | 4.5 | 9.0 | 20.73 | 1.04 | 194.5 |
| | | | | Double, Clear | E | 6.5 | 4.5 | 9.0 | 18.79 | 1.38 | 233.5 |
| | | | | Double, Clear | E | 6.5 | 9.5 | 14.0 | 18.79 | 1.19 | 312.6 |
| | | | | Double, Clear | E | 0.0 | 0.0 | 30.0 | 18.79 | 1.00 | 563.8 |
| | | | | Double, Clear | E | 0.0 | 0.0 | 5.0 | 18.79 | 1.00 | 94.0 |
| | | | | Double, Clear | S | 1.5 | 6.5 | 15.0 | 13.30 | 1.09 | 218.2 |
| | | | | Double, Clear | S | 1.5 | 1.5 | 5.0 | 13.30 | 2.73 | 181.6 |
| | | | | As-Built Total: | | | | 266.0 | | | |
| WALL TYPES Area X BWPM = Points | | | | Type R-Value Area X WPM = Points | | | | | | | |
| Adjacent | 430.0 | 3.60 | 1548.0 | Face Brick, Wood, Exterior | | 11.0 | 1107.0 | 3.50 | 3874.5 | | |
| Exterior | 1280.0 | 3.70 | 4736.0 | Frame, Wood, Exterior | | 11.0 | 173.0 | 3.70 | 640.1 | | |
| | | | | Frame, Wood, Adjacent | | 11.0 | 430.0 | 3.60 | 1548.0 | | |
| Base Total: 1710.0 6284.0 | | | | As-Built Total: 1710.0 6062.6 | | | | | | | |
| DOOR TYPES Area X BWPM = Points | | | | Type Area X WPM = Points | | | | | | | |
| Adjacent | 20.0 | 11.50 | 230.0 | Adjacent Insulated | | | 20.0 | 8.00 | 160.0 | | |
| Exterior | 20.0 | 12.30 | 246.0 | Exterior Insulated | | | 20.0 | 8.40 | 168.0 | | |
| Base Total: 40.0 476.0 | | | | As-Built Total: 40.0 328.0 | | | | | | | |
| CEILING TYPES Area X BWPM = Points | | | | Type R-Value Area X WPM X WCM = Points | | | | | | | |
| Under Attic | 2080.0 | 2.05 | 4264.0 | Under Attic | | 30.0 | 2136.0 | 2.05 X 1.00 | 4378.8 | | |
| Base Total: 2080.0 4264.0 | | | | As-Built Total: 2136.0 4378.8 | | | | | | | |
| FLOOR TYPES Area X BWPM = Points | | | | Type R-Value Area X WPM = Points | | | | | | | |
| Slab | 224.0(p) | 8.9 | 1993.6 | Slab-On-Grade Edge Insulation | | 0.0 | 224.0(p) | 18.80 | 4211.2 | | |
| Raised | 0.0 | 0.00 | 0.0 | | | | | | | | |
| Base Total: 1993.6 | | | | As-Built Total: 224.0 4211.2 | | | | | | | |

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

| BASE | | | | AS-BUILT | | | | |
|---|--|--|--|---|--|--|--|--|
| INFILTRATION Area X BWPM = Points | | | | Area X WPM = Points | | | | |
| 2080.0 -0.59 -1227.2 | | | | 2080.0 -0.59 -1227.2 | | | | |
| Winter Base Points: 16560.3 | | | | Winter As-Built Points: 19439.3 | | | | |
| Total Winter X System = Heating Points Multiplier Points | | | | Total X Cap X Duct X System X Credit = Heating Component Ratio Multiplier Multiplier Multiplier Points (DM x DSM x AHU) | | | | |
| 16560.3 0.6274 10389.9 | | | | 19439.3 1.000 (1.069 x 1.169 x 0.93) 0.487 1.000 11005.6 19439.3 1.00 1.162 0.487 1.000 11005.6 | | | | |

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

| BASE | | | | AS-BUILT | | | | | |
|--------------------|---|------------|---------|-----------------|------|--------------------|--------------|--------------|-----------------------------|
| WATER HEATING | | | | | | | | | |
| Number of Bedrooms | X | Multiplier | = Total | Tank Volume | EF | Number of Bedrooms | X Tank Ratio | X Multiplier | X Credit Multiplier = Total |
| 3 | | 2746.00 | 8238.0 | 40.0 | 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 |
| 11389 | | 10390 | 8238 30017 | 9692 | | 11006 | 8238 28936 |

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

| COMPONENTS | SECTION | REQUIREMENTS FOR EACH PRACTICE | CHECK |
|-------------------------------|-----------------|---|-------|
| Exterior Windows & Doors | 606.1.ABC.1.1 | Maximum:.3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area. | ✓ |
| Exterior & Adjacent Walls | 606.1.ABC.1.2.1 | Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate. | ✓ |
| Floors | 606.1.ABC.1.2.2 | Penetrations/openings >1/8" sealed unless backed by truss or joint members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams. | ✓ |
| Ceilings | 606.1.ABC.1.2.3 | Between walls & ceilings; penetrations of ceiling plane of top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams. | ✓ |
| Recessed Lighting Fixtures | 606.1.ABC.1.2.4 | Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC rated with < 2.0 cfm from conditioned space, tested. | ✓ |
| Multi-story Houses | 606.1.ABC.1.2.5 | Air barrier on perimeter of floor cavity between floors. | N/A |
| 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%. | N/A |
| Shower heads | 612.1 | Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG. | ✓ |
| Air Distribution Systems | 610.1 | All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation. | ✓ |
| HVAC Controls | 607.1 | Separate readily accessible manual or automatic thermostat for each system. | ✓ |
| Insulation | 604.1, 602.1 | Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11. | ✓ |

ENERGY PERFORMANCE LEVEL (EPL)
DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 83.6
The higher the score, the more efficient the home.

Robert Foti, , , ,

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) 2080 ft²
7. Glass area & type Single Pane Double Pane
a. Clear glass, default U-factor 0.0 ft² 266.0 ft²
b. Default tint, default U-factor 0.0 ft² 0.0 ft²
c. Labeled U-factor or SHGC 0.0 ft² 0.0 ft²
8. Floor types
a. Slab-On-Grade Edge Insulation R=0.0, 224.0(p) ft
b. N/A
c. N/A
9. Wall types
a. Face Brick, Wood, Exterior R=11.0, 1107.0 ft²
b. Frame, Wood, Exterior R=11.0, 173.0 ft²
c. Frame, Wood, Adjacent R=11.0, 430.0 ft²
d. N/A
e. N/A
10. Ceiling types
a. Under Attic R=30.0, 2136.0 ft²
b. N/A
c. N/A
11. Ducts
a. Sup: Unc. Ret: Unc. AH: Interior Sup. R=6.0, 220.0 ft
b. N/A
12. Cooling systems
a. Central Unit Cap: 40.0 kBtu/hr SEER: 10.00
b. N/A
c. N/A
13. Heating systems
a. Electric Heat Pump Cap: 40.0 kBtu/hr HSPF: 7.00
b. N/A
c. N/A
14. Hot water systems
a. Electric Resistance Cap: 40.0 gallons EF: 0.88
b. N/A
c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)
15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)

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

Builder Signature: Date:

Address of New Home: City/FL Zip:



*NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar™ designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs at 850/487-1824.
EnergyGauge® (Version: FLR2PB v3.4)

ONE (1) AND TWO (2) FAMILY DWELLINGS
ALL REQUIREMENTS ARE SUBJECT TO CHANGE
EFFECTIVE MARCH 1, 2002

ALL BUILDING PLANS MUST INDICATE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 1606 OF THE FLORIDA BUILDING CODE 2001 BY PROVIDING CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS. FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEED AS PER FIGURE 1606 SHALL BE USED.

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF INTERSTATE 75.
INTERSTATE 75 SHALL BE THE CENTERLINE OF SAID LINE SHALL BE 100 MPH

- WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE SEVERITY OF DAMAGE TO BUILDINGS SHALL BE BASED ON THE FOLLOWING:
1. ALL BUILDINGS CONSTRUCTED EAST OF SAID LINE SHALL BE _____ 100 MPH
 2. ALL BUILDINGS CONSTRUCTED WEST OF SAID LINE SHALL BE _____ 110 MPH
 3. NO AREA IN COLUMBIA COUNTY IS IN A WIND BORNE DEBRIS REGION

APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

GENERAL REQUIREMENTS: Two (2) complete sets of plans containing the following:

| | |
|------------------|-----------------------|
| Applicant | Plans Examiner |
|------------------|-----------------------|

☒ ☐ All drawings must be clear, concise and drawn to scale (Optional details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans.

☒ Designers name and signature on document (FBC 104.2.1). If licensed architect or engineer, official seal shall be affixed.

Site Plan including:

- a) Dimensions of lot
- b) Dimensions of building set backs
- c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements.
- d) Provide a full legal description of property.

☒ ☐ Wind-load Engineering Summary, calculations and any details required

- Wind-load Engineering Summary, Comments and Engineering**
- a) Plans or specifications must state compliance with FBC Section 1606
 - b) The following information must be shown as per section 1606.1.7 FBC
 - a. Basic wind speed (MPH)
 - b. Wind importance factor (I) and building category
 - c. Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated
 - d. The applicable internal pressure coefficient
 - e. Components and Cladding. The design wind pressure in terms of psf (kN/m²), to be used for the design of exterior component and cladding materials not specifically designed by the registered design professional

Elevations including:

- a) All sides
- b) Roof pitch
- c) Overhang dimensions and detail with attic ventilation
- d) Location, size and height above roof of chimneys
- e) Location and size of skylights
- f) Building height
- e) Number of stories

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a) Rooms labeled and dimensioned

b) Shear walls

c) Windows and doors (including garage doors) showing size, mfg., approval listing and attachment specs. (FBC 1707) and safety glazing where needed (egress windows in bedrooms to be shown)

d) Fireplaces (gas appliance) (vented or non-vented) or wood burning with hearth

e) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails

f) Must show and identify accessibility requirements (accessible bathroom)

Foundation Plan including:

a) Location of all load-bearing wall with required footings indicated as standard Or monolithic and dimensions and reinforcing

b) All posts and/or column footing including size and reinforcing

c) Any special support required by soil analysis such as piling

d) Location of any vertical steel

Roof System:

a) Truss package including:

1. Truss layout and truss details signed and sealed by FI. Pro. Eng.

2. Roof assembly (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

b) Conventional Framing Layout including:

1. Rafter size, species and spacing

2. Attachment to wall and uplift

3. Ridge beam sized and valley framing and support details

4. Roof assembly (FBC 104.2.1 Roofing systems, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

Wall Sections including:

a) Masonry wall

1. All materials making up wall

2. Block size and mortar type with size and spacing of reinforcement

3. Lintel, tie-beam sizes and reinforcement

4. Gable ends with rake beams showing reinforcement or gable truss and wall bracing details

5. All required connectors with uplift rating and required number and size of fasteners for continuous tie from roof to foundation

6. Roof assembly shown here or on roof system detail (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with resistance rating)

7. Fire resistant construction (if required)

8. Fireproofing requirements

9. Shoe type of termite treatment (termicide or alternative method)

10. Slab on grade

a. Vapor retardant (6mil. Polyethylene with joints lapped 6 inches and sealed)

b. Must show control joints, synthetic fiber reinforcement or Welded fire fabric reinforcement and supports

11. Indicate where pressure treated wood will be placed

12. Provide insulation R value for the following:

a. Attic space

b. Exterior wall cavity

c. Crawl space (if applicable)

b) Wood frame wall

1. All materials making up wall
2. Size and species of studs
3. Sheathing size, type and nailing schedule
4. Headers sized
5. Gable end showing balloon framing detail or gable truss and wall hinge bracing detail
6. All required fasteners for continuous tie from roof to foundation (truss anchors, straps, anchor bolts and washers)
7. Roof assembly shown here or on roof system detail (FBC104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
8. Fire resistant construction (if applicable)
9. Fireproofing requirements
10. Show type of termite treatment (termicide or alternative method)
11. Slab on grade
 - a. Vapor retardant (6Mil. Polyethylene with joints lapped 6 inches and sealed)
 - b. Must show control joints, synthetic fiber reinforcement or welded wire fabric reinforcement and supports
12. Indicate where pressure treated wood will be placed
13. Provide insulation R value for the following:
 - a. Attic space
 - b. Exterior wall cavity
 - c. Crawl space (if applicable)

c) Metal frame wall and roof (designed, signed and sealed by Florida Prof. Engineer or Architect)

Floor Framing System:

- a) Floor truss package including layout and details, signed and sealed by Florida Registered Professional Engineer
- b) Floor joist size and spacing
- c) Girder size and spacing
- d) Attachment of joist to girder
- e) Wind load requirements where applicable

Plumbing Fixture layout

Electrical layout including:

- a) Switches, outlets/receptacles, lighting and all required GFCI outlets identified
- b) Ceiling fans
- c) Smoke detectors
- d) Service panel and sub-panel size and location(s)
- e) Meter location with type of service entrance (overhead or underground)
- f) Appliances and HVAC equipment
- g) Arc Fault Circuits (AFCI) in bedrooms

HVAC information

- a) Manual J sizing equipment or equivalent computation
- b) Exhaust fans in bathroom

Energy Calculations (dimensions shall match plans)

Gas System Type (LP or Natural) Location and BTU demand of equipment

Disclosure Statement for Owner Builders

*****Notice Of Commencement Required Before Any Inspections Will Be Done**

Private Potable Water

- a) Size of pump motor
- b) Size of pressure tank
- c) Cycle stop valve if used

HALL'S PUMP & WELL SERVICE, INC.

SPECIALIZING IN 4"-6" WELLS



DONALD AND MARY HALL
OWNERS

PHONE (904) 752-1854
FAX (904) 755-7022
~~1723 NORTH RIVERSIDE BLVD~~
LAKE CITY, FLORIDA 32055
904 NW Main Blvd.

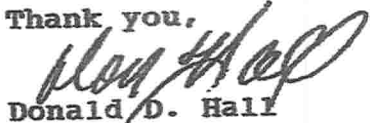
June 12, 2002

NOTICE TO ALL CONTRACTORS

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

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

Thank you,


Donald D. Hall
DDH/jk

This Instrument Prepared by & return to:

Name: NANCY AMY MURPHY, an employee

Address: TITLE OFFICES, LLC

1009 SW MAIN BLVD.

LAKE CITY, FLORIDA 32025

04Y-05050NM

Parcel I.D. #: 02935-022

Inst: 2004013984 Date: 06/17/2004 Time: 09:24

Doc Stamp-Deed : 332.50

DC, P. DeWitt Cason, Columbia County B: 1010 P: 1220

SPACE ABOVE THIS LINE FOR PROCESSING DATA

SPACE ABOVE THIS LINE FOR RECORDING DATA

THIS WARRANTY DEED Made the 14th day of June, A.D. 2004, by PAUL ROOS and SHIRLEY ROOS, HIS WIFE, hereinafter called the grantors, to ROBERT M. FOTI, A SINGLE MAN, whose post office address is 3219 WHEELER STATION RD., BLOOMFIELD, NY 14460, hereinafter called the grantee:

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

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

Lot 20, BROTHERS WELCOME AIRPARK, according to the map or plat thereof as recorded in Plat Book 5, Page 56, of the Public Records of Columbia County, Florida.

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

To Have and to Hold the same in fee simple forever.

And the grantors hereby covenant with said grantee that they are lawfully seized of said land in fee simple; that they have good right and lawful authority to sell and convey said land, and hereby fully warrant 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 grantors have signed and sealed these presents, the day and year first above written.

Signed, sealed and delivered in the presence of:

Marta Bryan
Witness Signature
MARTA BRYAN
Printed Name
Nancy A. Murphy
Witness Signature
NANCY A. MURPHY
Printed Name

Paul A. Roos L.S.
PAUL ROOS
Address: 304 SW Bambi Lane, Lake City, FL 32025
Shirley Roos L.S.
SHIRLEY ROOS
Address: 304 SW Bambi Lane, Lake City, FL 32025

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 14th day of June, 2004, by PAUL ROOS and SHIRLEY ROOS, who are known to me or who have produced



Martha Bryan
Notary Public
My commission expires

Martha Bryan
Notary Public
My commission expires

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

Robert M. Foti

Addressing Maintenance

To maintain the Countywide addressing Policy you must make application for a 9-1-1 Address at the time you apply for a building permit. The established standards for assigning and posting numbers to all principal buildings, dwellings, businesses and industries are contained in Columbia County Ordinance 2001-9. The addressing system is to enable Emergency Service Agencies to locate you in an emergency, and to assist the United States Postal Service and the public in the timely and efficient provision of services to residents and businesses of Columbia County.

DATE ISSUED: August 30, 2004

ENHANCED 9-1-1 ADDRESS:

2221 SW SISTERS WELCOME RD (LAKE CITY, FL 32025)

Addressed Location 911 Phone Number: NOT AVAIL.

OCCUPANT NAME: NOT AVAIL.

OCCUPANT CURRENT MAILING ADDRESS: _____

PROPERTY APPRAISER MAP SHEET NUMBER: 70D

PROPERTY APPRAISER PARCEL NUMBER: 12-4S-16-02935-022

Other Contact Phone Number (If any): _____

Building Permit Number (If known): _____

Remarks: LOT 20 BROTHERS WELCOME AIRPARK S/D

Address Issued By: _____

Ron Croft
Columbia County 9-1-1 Addressing Department

COLUMBIA COUNTY
9-1-1 ADDRESSING
APPROVED

Residential System Sizing Calculation

Summary

Robert Foti

Project Title:
407231Foti

Class 3 Rating
Registration No. 0
Climate: North

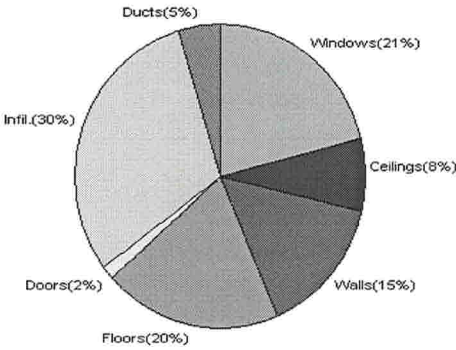
9/17/2004

| | | | |
|--|-------------------|---------------------------------------|-------------------|
| 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 |
| Total heating load calculation | 35617 Btuh | Total cooling load calculation | 35597 Btuh |
| Submitted heating capacity | % of calc Btuh | Submitted cooling capacity | % of calc Btuh |
| Total (Electric Heat Pump) | 112.3 40000 | Sensible (SHR = 0.75) | 112.7 30000 |
| Heat Pump + Auxiliary(0.0kW) | 112.3 40000 | Latent | 111.5 10000 |
| | | Total (Electric Heat Pump) | 112.4 40000 |

WINTER CALCULATIONS

Winter Heating Load (for 2080 sqft)

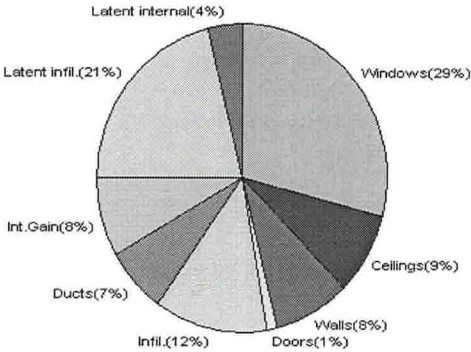
| Load component | | Load | |
|------------------------|-----------|--------------|-------------|
| Window total | 266 sqft | 7528 | Btuh |
| Wall total | 1710 sqft | 5254 | Btuh |
| Door total | 40 sqft | 555 | Btuh |
| Ceiling total | 2136 sqft | 2777 | Btuh |
| Floor total | 224 ft | 7078 | Btuh |
| Infiltration | 250 cfm | 10729 | Btuh |
| Subtotal | | 33921 | Btuh |
| Duct loss | | 1696 | Btuh |
| TOTAL HEAT LOSS | | 35617 | Btuh |



SUMMER CALCULATIONS

Summer Cooling Load (for 2080 sqft)

| Load component | | Load | |
|----------------------------|-----------|--------------|-------------|
| Window total | 266 sqft | 10462 | Btuh |
| Wall total | 1710 sqft | 2973 | Btuh |
| Door total | 40 sqft | 406 | Btuh |
| Ceiling total | 2136 sqft | 3033 | Btuh |
| Floor total | | 0 | Btuh |
| Infiltration | 219 cfm | 4333 | Btuh |
| Internal gain | | 3000 | Btuh |
| Subtotal(sensible) | | 24207 | Btuh |
| Duct gain | | 2421 | Btuh |
| Total sensible gain | | 26628 | Btuh |
| Latent gain(infiltration) | | 7589 | Btuh |
| Latent gain(internal) | | 1380 | Btuh |
| Total latent gain | | 8969 | Btuh |
| TOTAL HEAT GAIN | | 35597 | Btuh |



EnergyGauge® System Sizing based on ACCA Manual J.

PREPARED BY:

DATE:

9/17/04

System Sizing Calculations - Winter

Residential Load - Component Details

Robert Foti

Project Title:
407231Foti

Class 3 Rating
Registration No. 0
Climate: North

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

9/17/2004

| Window | Panes/SHGC/Frame/U | Orientation | Area X | HTM= | Load |
|--------------------|--------------------------|-------------|-----------------|------|------------|
| 1 | 2, Clear, Metal, DEF | N | 3.0 | 28.3 | 85 Btuh |
| 2 | 2, Clear, Metal, DEF | N | 16.0 | 28.3 | 453 Btuh |
| 3 | 2, Clear, Metal, DEF | W | 25.0 | 28.3 | 708 Btuh |
| 4 | 2, Clear, Metal, DEF | W | 5.0 | 28.3 | 142 Btuh |
| 5 | 2, Clear, Metal, DEF | N | 75.0 | 28.3 | 2122 Btuh |
| 6 | 2, Clear, Metal, DEF | N | 15.0 | 28.3 | 424 Btuh |
| 7 | 2, Clear, Metal, DEF | E | 40.0 | 28.3 | 1132 Btuh |
| 8 | 2, Clear, Metal, DEF | N | 9.0 | 28.3 | 255 Btuh |
| 9 | 2, Clear, Metal, DEF | S | 9.0 | 28.3 | 255 Btuh |
| 10 | 2, Clear, Metal, DEF | S | 14.0 | 28.3 | 396 Btuh |
| 11 | 2, Clear, Metal, DEF | S | 30.0 | 28.3 | 849 Btuh |
| 12 | 2, Clear, Metal, DEF | S | 5.0 | 28.3 | 142 Btuh |
| 13 | 2, Clear, Metal, DEF | W | 15.0 | 28.3 | 424 Btuh |
| 14 | 2, Clear, Metal, DEF | W | 5.0 | 28.3 | 142 Btuh |
| Window Total | | | 266 | | 7528 Btuh |
| Walls | Type | R-Value | Area X | HTM= | Load |
| 1 | Frame - Exterior | 11.0 | 1107 | 3.5 | 3874 Btuh |
| 2 | Frame - Exterior | 11.0 | 173 | 3.5 | 606 Btuh |
| 3 | Frame - Adjacent | 11.0 | 430 | 1.8 | 774 Btuh |
| Wall Total | | | 1710 | | 5254 Btuh |
| Doors | Type | | Area X | HTM= | Load |
| 1 | Insulated - Adjac | | 20 | 9.4 | 188 Btuh |
| 2 | Insulated - Exter | | 20 | 18.3 | 367 Btuh |
| Door Total | | | 40 | | 555Btuh |
| Ceilings | Type | R-Value | Area X | HTM= | Load |
| 1 | Under Attic | 30.0 | 2136 | 1.3 | 2777 Btuh |
| Ceiling Total | | | 2136 | | 2777Btuh |
| Floors | Type | R-Value | Size X | HTM= | Load |
| 1 | Slab-On-Grade Edge Insul | 0 | 224.0 ft(p) | 31.6 | 7078 Btuh |
| Floor Total | | | 224 | | 7078 Btuh |
| Infiltration | Type | ACH X | Building Volume | CFM= | Load |
| | Natural | 0.80 | 18720(sqft) | 250 | 10729 Btuh |
| | Mechanical | | | 0 | 0 Btuh |
| Infiltration Total | | | | 250 | 10729 Btuh |

| | | |
|--------------------|--|------------|
| Totals for Heating | Subtotal | 33921 Btuh |
| | Duct Loss(using duct multiplier of 0.05) | 1696 Btuh |
| | Total Btuh Loss | 35617 Btuh |

Manual J Winter Calculations

Residential Load - Component Details (continued)

Robert Foti

Project Title:
407231Foti

Class 3 Rating
Registration No. 0
Climate: North

9/17/2004

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 - Summer

Residential Load - Component Details

Robert Foti

Project Title:
407231Foti

Class 3 Rating
Registration No. 0
Climate: North

Reference City: Gainesville (Defaults)

Summer Temperature Difference: 18.0 F

9/17/2004

| Window | Type | Overhang | | Window Area(sqft) | | | HTM | | Load | | |
|---------------|-------------------------------|----------|-----------|-------------------|---------------|----------|--------|-----------|------|-----------|------|
| | Panes/SHGC/U/InSh/ExSh Ornt | Len | Hgt | Gross | Shaded | Unshaded | Shaded | Unshaded | | | |
| 1 | 2, Clear, DEF, N, N | N | 1.5 | 2.16 | 3.0 | 0.0 | 3.0 | 22 | 22 | 66 | Btuh |
| 2 | 2, Clear, DEF, N, N | N | 1.5 | 5.5 | 16.0 | 0.0 | 16.0 | 22 | 22 | 352 | Btuh |
| 3 | 2, Clear, DEF, N, N | W | 1.5 | 6.5 | 25.0 | 0.0 | 25.0 | 22 | 72 | 1800 | Btuh |
| 4 | 2, Clear, DEF, N, N | W | 1.5 | 1.5 | 5.0 | 4.1 | 0.9 | 22 | 72 | 153 | Btuh |
| 5 | 2, Clear, DEF, N, N | N | 1.5 | 6.5 | 75.0 | 0.0 | 75.0 | 22 | 22 | 1650 | Btuh |
| 6 | 2, Clear, DEF, N, N | N | 1.5 | 1.5 | 15.0 | 0.0 | 15.0 | 22 | 22 | 330 | Btuh |
| 7 | 2, Clear, DEF, N, N | E | 1.5 | 9.5 | 40.0 | 0.0 | 40.0 | 22 | 72 | 2880 | Btuh |
| 8 | 2, Clear, DEF, N, N | N | 1.5 | 4.5 | 9.0 | 0.0 | 9.0 | 22 | 22 | 198 | Btuh |
| 9 | 2, Clear, DEF, N, N | S | 6.5 | 4.5 | 9.0 | 9.0 | 0.0 | 22 | 37 | 198 | Btuh |
| 10 | 2, Clear, DEF, N, N | S | 6.5 | 9.5 | 14.0 | 14.0 | 0.0 | 22 | 37 | 308 | Btuh |
| 11 | 2, Clear, DEF, N, N | S | 0 | 0 | 30.0 | 0.0 | 30.0 | 22 | 37 | 1110 | Btuh |
| 12 | 2, Clear, DEF, N, N | S | 0 | 0 | 5.0 | 0.0 | 5.0 | 22 | 37 | 185 | Btuh |
| 13 | 2, Clear, DEF, N, N | W | 1.5 | 6.5 | 15.0 | 0.0 | 15.0 | 22 | 72 | 1080 | Btuh |
| 14 | 2, Clear, DEF, N, N | W | 1.5 | 1.5 | 5.0 | 4.1 | 0.9 | 22 | 72 | 153 | Btuh |
| | Window Total | | | | 266 | | | | | 10462 | Btuh |
| Walls | Type | | R-Value | | Area | | | HTM | | Load | |
| 1 | Frame - Exterior | | 11.0 | | 1107.0 | | | 1.9 | | 2148 Btuh | |
| 2 | Frame - Exterior | | 11.0 | | 173.0 | | | 1.9 | | 336 Btuh | |
| 3 | Frame - Adjacent | | 11.0 | | 430.0 | | | 1.1 | | 490 Btuh | |
| | Wall Total | | | | 1710.0 | | | | | 2973 Btuh | |
| Doors | Type | | | | Area | | | HTM | | Load | |
| 1 | Insulated - Adjac | | | | 20.0 | | | 10.1 | | 203 Btuh | |
| 2 | Insulated - Exter | | | | 20.0 | | | 10.1 | | 203 Btuh | |
| | Door Total | | | | 40.0 | | | | | 406 Btuh | |
| Ceilings | Type/Color | | R-Value | | Area | | | HTM | | Load | |
| 1 | Under Attic/Dark | | 30.0 | | 2136.0 | | | 1.4 | | 3033 Btuh | |
| | Ceiling Total | | | | 2136.0 | | | | | 3033 Btuh | |
| Floors | Type | | R-Value | | Size | | | HTM | | Load | |
| 1 | Slab-On-Grade Edge Insulation | | 0.0 | | 224.0 ft(p) | | | 0.0 | | 0 Btuh | |
| | Floor Total | | | | 224.0 | | | | | 0 Btuh | |
| Infiltration | Type | | ACH | | Volume | | | CFM= | | Load | |
| | Natural | | 0.70 | | 18720 | | | 218.8 | | 4333 Btuh | |
| | Mechanical | | | | | | | 0 | | 0 Btuh | |
| | Infiltration Total | | | | | | | 219 | | 4333 Btuh | |
| Internal gain | | | Occupants | | Btuh/occupant | | | Appliance | | Load | |
| | | | 6 | | X 300 + | | | 1200 | | 3000 Btuh | |

Manual J Summer Calculations

Residential Load - Component Details (continued)

Robert Foti

Project Title:
407231Foti

Class 3 Rating
Registration No. 0
Climate: North

9/17/2004

| | | |
|--------------------|---|------------|
| Totals for Cooling | Subtotal | 24207 Btuh |
| | Duct gain(using duct multiplier of 0.10) | 2421 Btuh |
| | Total sensible gain | 26628 Btuh |
| | Latent infiltration gain (for 51 gr. humidity difference) | 7589 Btuh |
| | Latent occupant gain (6 people @ 230 Btuh per person) | 1380 Btuh |
| | Latent other gain | 0 Btuh |
| | TOTAL GAIN | 35597 Btuh |

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(U - Window U-Factor or 'DEF' for default)
(InSh - Interior shading device: none(N), Blinds/Daperies(B) or Roller Shades(R))
(ExSh - Exterior shading device: none(N) or numerical value)
(Ornt - compass orientation)

THIS INSTRUMENT WAS PREPARED BY:
FIRST FEDERAL SAVINGS BANK OF FLORIDA
4705 WEST U.S. HIGHWAY 90
P.O. BOX 2029
LAKE CITY, FLORIDA 32056

Inst:2004025180 Date:11/10/2004 Time:10:24
MS DC,P.DeWitt Cason,Columbia County B:1030 P:861

PERMIT NO. _____

TAX FOLIO NO. _____

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 20, BROTHERS WELCOME AIRPARK, a subdivision according to the plat thereof as recorded in Plat Book 5, Page 56 of the public records of Columbia County, Florida.
2. General description of improvement: Construction of Dwelling
3. Owner information:
 - a. Name and address: ROBERT M. FOTI
181 SW Skyhawk Drive, Lake City, FL 32025
 - b. Interest in property: Fee Simple
 - c. Name and address of fee simple title holder (if other than Owner): NONE
4. Contractor (name and address): Cee-Bas Incorporated d/b/a Edgley Construction
P.O. Box 2029, Lake City, FL 32056
5. Surety:
 - a. Name and address: _____
 - b. Amount of bond: _____
6. Lender: **FIRST FEDERAL SAVINGS BANK OF FLORIDA**
4705 WEST U.S. HIGHWAY 90
P. O. BOX 2029
LAKE CITY, FLORIDA 32056
7. Persons within the State of Florida designated by Owner upon whom notices or other document may be served as provided by Section 713.13 (1) (a) 7., Florida Statutes: NONE
8. In addition to himself, Owner designates PAULA HACKER of FIRST FEDERAL SAVINGS BANK OF FLORIDA, 4705 West U.S. Highway 90 / P. O. Box 2029, Lake City, Florida 32056 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).

STATE OF FLORIDA, COUNTY OF COLUMBIA
I HEREBY CERTIFY, that the above and foregoing
is a true copy of the original filed in this office.
P. DEWITT CASON, CLERK OF COURTS

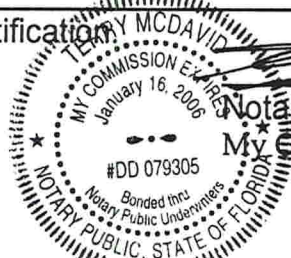
By Maui Kuen Deputy Clerk
Date Nov 10, 2004



Robert M. Foti
Borrower Name

Co-Borrower Name

The foregoing instrument was acknowledged before me this 3rd day of November, 2004, by ROBERT M. FOTI, who is personally known to me or who has produced driver's license for identification.



[Signature]
Notary Public
My Commission Expires:

**Columbia County Building Department
Culvert Permit**

**Culvert Permit No.
000000465**

DATE 12/03/2004 PARCEL ID # 12-4S-16-02935-022

APPLICANT KIMMY EDGLEY PHONE 752-0580

ADDRESS 590 SW ARLINGTON BLVD SUITE 105 LAKE CITY FL 32025

OWNER ROBERT FOTI PHONE 961-9847

ADDRESS 2221 SW SISTERS WELCOME ROAD LAKE CITY FL 32025

CONTRACTOR EDGLEY CONSTRUCTION PHONE 623-6654

LOCATION OF PROPERTY 90W, TL ON SISTERS WELCOME ROAD, 1 3/4 MILES ON LEFT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT BRO. WELCOME AIRPARK 20

SIGNATURE *Kimmy Edgley*

INSTALLATION REQUIREMENTS



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

INSTALLATION NOTE: Turnouts will be required as follows:

- a) a majority of the current and existing driveway turnouts are paved, or;
- b) the driveway to be served will be paved or formed with concrete.

Turnouts shall be concrete or paved a minimum of 12 feet wide or the width of the concrete or paved driveway, whichever is greater. The width shall conform to the current and existing paved or concreted turnouts.



Culvert installation shall conform to the approved site plan standards.



Department of Transportation Permit installation approved standards.



Other _____

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

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

Amount Paid 25.00





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 12-4S-16-02935-022

Building permit No. 000022555

Use Classification SFD, UTILITY

Fire: 5.67

Permit Holder EDGLEY CONSTRUCTION

Waste: 12.25

Owner of Building ROBERT M. FOTI

Total: 17.92

Location: 2221 SW SISTERS WELCOME RD

Date: 08/01/2005

[Signature]

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

