

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0601-37 Date Received 1-13-06 By CH Permit # 24659
 Application Approved by - Zoning Official BLK Date 1.01.06 Plans Examiner OKJH Date 1-19-06
 Flood Zone X Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3
 Comments Section 2.3.1 Existing SFR
Cell 1437

Applicants Name L. W. Rosier, Jr. Phone 758-2248
 Address P.O. Box 2973 Lake City 32056
 Owners Name L. W. Rosier, Jr. Phone 758-2248
 911 Address 1431 SW Mayo Rd.
 Contractors Name Owner Phone _____
 Address _____
 Fee Simple Owner Name & Address _____
 Bonding Co. Name & Address _____
 Architect/Engineer Name & Address _____
 Mortgage Lenders Name & Address _____

Circle the correct power company FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
 Property ID Number 36-35-15-00307-002 Estimated Cost of Construction \$ 20,000
 Subdivision Name _____ Lot _____ Block _____ Unit _____ Phase _____
 Driving Directions US 90 West to Mayo Rd. - Left on Mayo Rd.
1 1/4 mi - House is just past Waverly Lane on Rt.

Type of Construction remodeling Number of Existing Dwellings on Property 1
 Total Acreage 3 Lot Size _____ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
 Actual Distance of Structure from Property Lines - Front _____ Side _____ Side _____ Rear _____
 Total Building Height _____ Number of Stories 1 Heated Floor Area 1200 Roof Pitch 4:12

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.

[Signature]
 Owner Builder or Agent (Including Contractor)

Contractor Signature _____
 Contractors License Number _____
 Competency Card Number _____
 NOTARY STAMP/SEAL

STATE OF FLORIDA
 COUNTY OF COLUMBIA
 Sworn to (or affirmed) and subscribed before me
 this 13th day of January 2006.
 Personally known _____ or Produced Identification

[Signature]
 Notary Signature _____
 Constance L. Rollberg
 Commission #DD322708
 Expires: May 24, 2008
 Bonded Thru _____

1 call message
48 Rd to call

Columbia County Property Appraiser

DB Last Updated: 9/16/2005

2005 Proposed Values

Parcel: 36-3S-15-00307-002

Tax Record

Property Card

Interactive GIS Map

Print

Owner & Property Info

Search Result: 1 of 1

Owner's Name	ROSIER LEANDOUS W JR
Site Address	MAYO
Mailing Address	P O BOX 2973 LAKE CITY, FL 32056
Brief Legal	COMM AT NE COR OF NE1/4 OF SW 1/4, RUN S 210 FT FOR POB, RUN W 420 FT, S 308.5 FT, E 420 FT

Use Desc. (code)	SINGLE FAM (000100)
Neighborhood	36315.00
Tax District	3
UD Codes	MKTA01
Market Area	01
Total Land Area	3.000 ACRES

Property & Assessment Values

Mkt Land Value	cnt: (1)	\$23,400.00
Ag Land Value	cnt: (0)	\$0.00
Building Value	cnt: (1)	\$36,642.00
XFOB Value	cnt: (2)	\$750.00
Total Appraised Value		\$60,792.00

Just Value	\$60,792.00
Class Value	\$0.00
Assessed Value	\$60,792.00
Exempt Value	\$0.00
Total Taxable Value	\$60,792.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
NONE						

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	SINGLE FAM (000100)	1958	Conc Block (15)	1248	1272	\$36,642.00
Note: All S.F. calculations are based on exterior building dimensions.						

Extra Features & Out Buildings

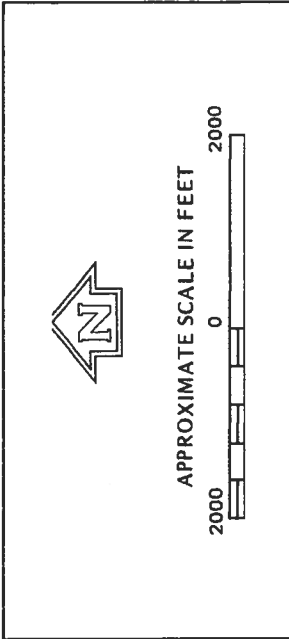
Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0294	SHED WOOD/	0	\$400.00	1.000	0 x 0 x 0	(.00)
0296	SHED METAL	0	\$350.00	1.000	0 x 0 x 0	(.00)

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000100	SFR (MKT)	3.000 AC	1.00/1.00/1.00/1.00	\$7,800.00	\$23,400.00

Columbia County Property Appraiser

DB Last Updated: 9/16/2005



NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

COLUMBIA
COUNTY,
FLORIDA
(UNINCORPORATED AREAS)

PANEL 175 OF 290

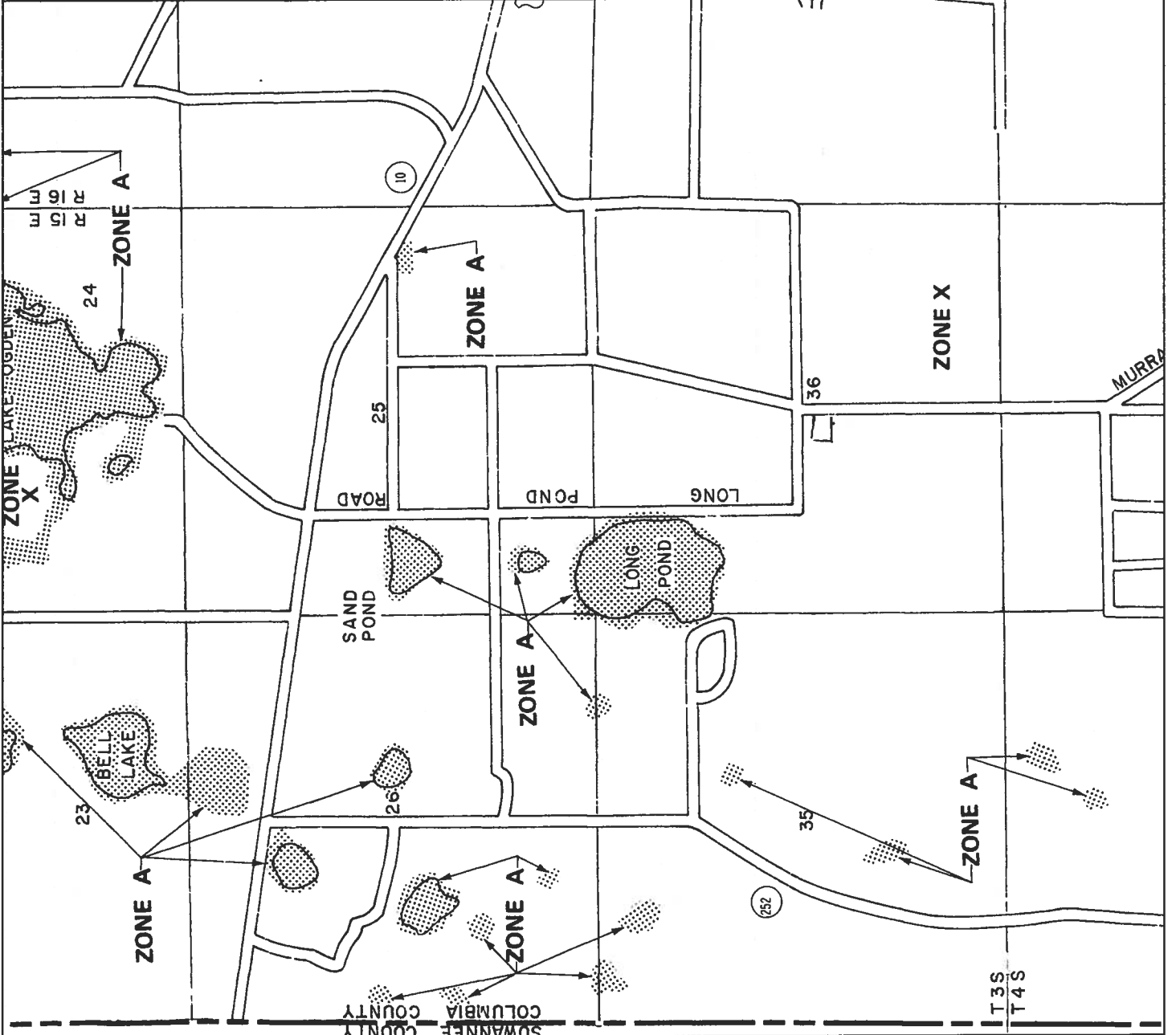
PANEL LOCATION

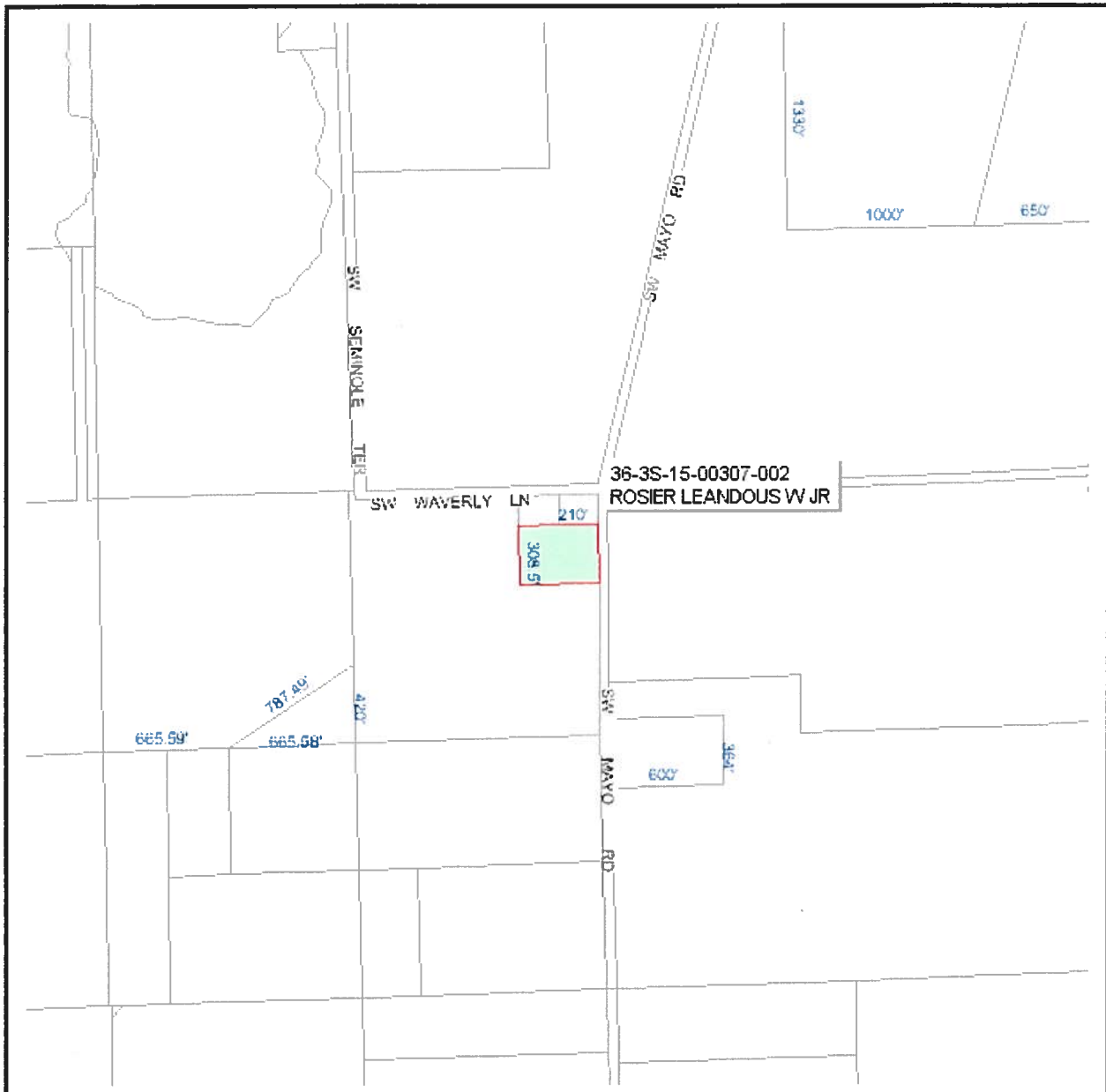
COMMUNITY-PANEL NUMBER
120070 0175 B




EFFECTIVE DATE:
JANUARY 6, 1988

Federal Emergency Management Agency

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





Columbia County Property Appraiser J. Doyle Crews, CFA - Lake City, Florida - 386-758-1083		0 0.06 0.12 0.18 mi	
PARCEL: 36-3S-15-00307-002 - SINGLE FAM (000100)			
COMM AT NE COR OF NE 1/4 OF SW 1/4, RUN S 210 FT FOR POB, RUN W 420 FT, S 308.5 FT, E 420 FT			
Name: ROSIER LEANDOUS W JR	LandVal	\$23,400.00	
Site: MAYO	BldgVal	\$36,642.00	
Mail: P O BOX 2973	ApprVal	\$60,792.00	
LAKE CITY, FL 32056	JustVal	\$60,792.00	
Sales	Assd	\$60,792.00	
Info	Exmpt	\$0.00	
	Taxable	\$60,792.00	

This information, GIS Map Updated: 8/3/2005, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

*****THIS DOCUMENT MUST BE RECORDED AT THE COUNTY CLERKS OFFICE BEFORE YOUR FIRST INSPECTION.*****

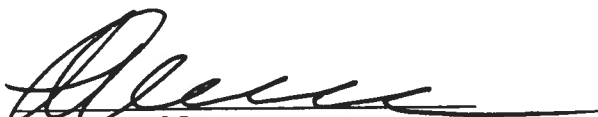
THE UNDERSIGNED hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

Tax Parcel ID Number 36-35-15-00307-002

- Description of property: (legal description of the property and street address or 911 address)
1431 SW Mayo Rd.
3 Ac. in NE Cor. of NE 1/4 of SW 1/4 of
Sec 36 T3S R15E
- General description of improvement: Remodeling
- Owner Name & Address L. W. Rosier, Jr. P.O. Box 2973 Lake City, FL
Interest in Property _____
- Name & Address of Fee Simple Owner (if other than owner): _____
- Contractor Name Owner Phone Number _____
Address _____
- Surety Holders Name NONE Phone Number _____
Address _____
Amount of Bond _____ Inst: 2006000864 Date: 01/13/2006 Time: 12:17
- Lender Name NONE B DC, P. DeWitt Cason, Columbia County B: 1071 P: 99
Address _____
- Persons within the State of Florida designated by the Owner upon whom notices of other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes:
Name _____ Phone Number _____
Address _____
- In addition to himself/herself the owner designates _____ of _____ to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) - (a) 7. Phone Number of the designee _____
- 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.

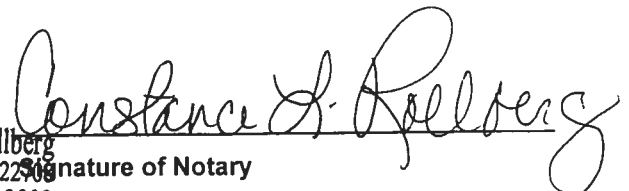

Signature of Owner

Sworn to (or affirmed) and subscribed before day of January 13, 2006

NOTARY STAMP/SEAL



Constance L. Rollberg
Commission #DD322508
Expires: May 24, 2008
Bonded Thru
Atlantic Bonding Co., Inc.


Signature of Notary

DISCLOSURE STATEMENT

FOR OWNER/BUILDER WHEN ACTING AS THEIR OWN CONTRACTOR AND CLAIMING EXEMPTION OF CONTRACTOR LICENSING REQUIREMENTS IN ACCORDANCE WITH FLORIDA STATUTES, ss. 489.103(7).

State law requires construction to be done by licensed contractors. You have applied for a permit under an exemption to that law. The exemption allows you, as the owner of your property, to act as your own contractor with certain restrictions even though you do not have a license. You must provide direct, onsite supervision of the construction yourself. You may build or improve a one-family or two-family residence or a farm outbuilding. You may also build or improve a commercial building, provided your costs do not exceed \$25,000. The building or residence must be for your own use or occupancy. It may not be built or substantially improved for sale or lease. If you sell or lease a building you have built or substantially improved yourself within 1 year after the construction is complete, the law will presume that you built or substantially improved it for sale or lease, which is a violation of this exemption. You may not hire an unlicensed person to act as your contractor or to supervise people working on your building. It is your responsibility to make sure that people employed by you have licenses required by state law and by county or municipal licensing ordinances. You may not delegate the responsibility for supervising work to a licensed contractor who is not licensed to perform the work being done. Any person working on your building who is not licensed must work under your direct supervision and must be employed by you, which means that you must deduct F.I.C.A. and withholding tax and provide workers' compensation for that employee, all as prescribed by law. Your construction must comply with all applicable laws, ordinances, building codes, and zoning regulations.

TYPE OF CONSTRUCTION

- () Single Family Dwelling
() Farm Outbuilding
() New Construction
() Two-Family Residence
() Other
[X] Addition, Alteration, Modification or other Improvement

NEW CONSTRUCTION OR IMPROVEMENT

I L.W. Rosier, Jr., have been advised of the above disclosure statement for exemption from contractor licensing as an owner/builder. I agree to comply with all requirements provided for in Florida Statutes ss.489.103(7) allowing this exception for the construction permitted by Columbia County Building Permit Number

Signature [Handwritten Signature] Date 1/10/06

FOR BUILDING USE ONLY

I hereby certify that the above listed owner/builder has been notified of the disclosure statement in Florida Statutes ss 489.103(7).

Date 1-13-06 Building Official/Representative [Handwritten Signature]

FORM 600A-2004

EnergyGauge® 4.0

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name: ROSI1230	Builder:
Address: Lot: , Sub: , Plat:	Permitting Office:
City, State:	Permit Number:
Owner: BUD ROSIER	Jurisdiction Number:
Climate Zone: North	

1. New construction or existing New ___	12. Cooling systems
2. Single family or multi-family Single family ___	a. Central Unit Cap: 24.7 kBtu/hr ___
3. Number of units, if multi-family 1 ___	SEER: 14.75 ___
4. Number of Bedrooms 3 ___	b. N/A ___
5. Is this a worst case? Yes ___	c. N/A ___
6. Conditioned floor area (ft²) 1230 ft² ___	13. Heating systems
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)	a. Electric Heat Pump Cap: 24.7 kBtu/hr ___
a. U-factor: Description Area	HSPP: 8.10 ___
(or Single or Double DEFAULT) 7a. (Dblc Default) 202.0 ft² ___	b. N/A ___
b. SHGC:	c. N/A ___
(or Clear or Tint DEFAULT) 7b. (Clear) 202.0 ft² ___	14. Hot water systems
8. Floor types	a. Electric Resistance Cap: 50.0 gallons ___
a. Slab-On-Grade Edge Insulation R=0.0, 147.0(p) ft ___	EF: 0.97 ___
b. N/A ___	b. N/A ___
c. N/A ___	c. Conservation credits
9. Wall types	(HR-Heat recovery, Solar
a. Concrete, Int Insul, Exterior R=3.0, 958.0 ft² ___	DHP-Dedicated heat pump)
b. N/A ___	15. HVAC credits
c. N/A ___	(CF Coiling fan, CV-Cross ventilation,
d. N/A ___	HF-Whole house fan,
e. N/A ___	PT-Programmable Thermostat,
10. Ceiling types	MZ-C-Multizone cooling,
a. Under Attic R=30.0, 1230.0 ft² ___	MZ-H-Multizone heating)
b. N/A ___	
c. N/A ___	
11. Ducts	
a. Sup: Unc. Ret: Unc. AH: Interior Sup. R=6.0, 50.0 ft ___	
b. N/A ___	

Glass/Floor Area: 0.18 Total as-built points: 19902 **PASS**
 Total base points: 20585

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

PREPARED BY: W WALKER

DATE: 1/11/06

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: _____



¹ Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.
 EnergyGauge® (Version: FLRC9B v4.0)

BUILDING INPUT SUMMARY REPORT

PROJECT	Title: ROSI1230 Owner: BUD ROSIER # of Units: 1 Builder Name: (blank) Climate: North Permit Office: (blank) Jurisdiction #: (blank)		Family Type: Single New/Existing: New Bedrooms: 3 Conditioned Area: 1230 Total Stories: 1 Worst Case: Yes Rotate Angle: (blank)		Address Type: Lot Information Lot #: (blank) Subdivision: (blank) Platbook: (blank) Street: N/A County: (blank) City, St, Zip: ..																																																																																																																																								
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	8	Double	Clear	E	21.0 ft²	1.3 ft	5.0 ft	1																																																																																																																																					
	9	Double	Clear	E	21.0 ft²	1.3 ft	5.0 ft	1																																																																																																																																					
	10	Double	Clear	E	8.0 ft²	1.3 ft	4.0 ft	1																																																																																																																																					
	11	Double	Clear	E	16.0 ft²	1.3 ft	4.0 ft	1																																																																																																																																					
	12	Double	Clear	E	7.0 ft²	1.3 ft	4.0 ft	1																																																																																																																																					
13	Double	Clear	N	8.0 ft²	1.3 ft	4.0 ft	1																																																																																																																																						
14	Double	Clear	N	8.0 ft²	1.3 ft	4.0 ft	1																																																																																																																																						
#	Supply Location	Return Location	Air Handler Location	Supply R-Val	Supply Length																																																																																																																																								
1	Uncond.	Uncond.	Interior	6.0	50.0 ft																																																																																																																																								
WATER	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>#</th> <th>System Type</th> <th>EF</th> <th>Cap.</th> <th>Conservation Type</th> <th>Con. EF</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Electric Resistance</td> <td>0.97</td> <td>50.0</td> <td>None</td> <td>0.00</td> </tr> </tbody> </table>						#	System Type	EF	Cap.	Conservation Type	Con. EF	1	Electric Resistance	0.97	50.0	None	0.00																																																																																																																											
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FORM 600A-2004

EnergyGauge® 4.0

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: , Plat: , , ,

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	1230.0	12.74	2820.6	Double, Clear	E	1.3	4.0	6.0	18.79	1.06	159.4
				Double, Clear	E	1.3	4.0	16.0	18.79	1.06	318.9
				Double, Clear	E	1.3	5.0	21.0	18.79	1.04	410.3
				Double, Clear	N	1.3	5.0	32.0	24.58	1.00	788.7
				Double, Clear	E	1.3	8.0	32.0	18.79	1.02	610.8
				Double, Clear	N	1.3	5.0	10.0	24.58	1.00	246.5
				Double, Clear	N	1.3	5.0	10.0	24.58	1.00	246.5
				Double, Clear	W	1.3	5.0	21.0	20.73	1.03	446.9
				Double, Clear	W	1.3	5.0	21.0	20.73	1.03	446.9
				Double, Clear	W	1.3	4.0	8.0	20.73	1.04	172.9
				Double, Clear	W	1.3	4.0	16.0	20.73	1.04	345.6
				Double, Clear	W	1.3	4.0	7.0	20.73	1.04	151.3
				Double, Clear	S	1.3	4.0	8.0	13.30	1.26	133.9
				Double, Clear	S	1.3	4.0	8.0	13.30	1.26	133.9
				As-Built Total:			218.0		4612.7		
WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	0.0	0.00	0.0	Concrete, Int Insul, Exterior	3.0		958.0	7.30		6993.4	
Exterior	958.0	3.70	3544.6								
Base Total:				As-Built Total:		958.0		6993.4			
DOOR TYPES Area X BWPM = Points				Type	Area X WPM = Points						
Adjacent	0.0	0.00	0.0	Exterior Insulated			20.0	8.40		168.0	
Exterior	20.0	12.30	246.0								
Base Total:				As-Built Total:		20.0		168.0			
CEILING TYPES Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points				
Under Attic	1230.0	2.05	2521.5	Under Attic	30.0		1230.0	2.05 X 1.00		2521.5	
Base Total:				As-Built Total:		1230.0		2521.5			
FLOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Slab	147.0(p)	8.9	1308.3	Slab-On-Grade Edge Insulation	0.0		147.0(p)	18.80		2763.6	
Raised	0.0	0.00	0.0								
Base Total:				As-Built Total:		147.0		2763.6			

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: , Plat: , , ,

PERMIT #:

BASE			AS-BUILT				
INFILTRATION Area X BWPM = Points			Area X WPM = Points				
1230.0	-0.59	-725.7	1230.0	-0.59	-725.7		
Winter Base Points: 9715.3			Winter As-Built Points: 16333.5				
Total Winter X System = Heating Points Multiplier Points			Total X Cap X Duct X System X Credit = Heating Component Ratio Multiplier Multiplier Multiplier Points				
			(System - Points)	(DM x DSM x AHU)			
9715.3	0.6274	6095.4	<small>(sys 1: Electric Heat Pump 24700 btuh ,EFF(0.1) Ducts.Unc(S),Unc(R),Int(AH),R6.0</small> 16333.5 1.000 (1.069 x 1.169 x 0.93) 0.421 1.000 7991.4 16333.5 1.00 1.162 0.421 1.000 7991.4				

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: , Plat: , , ,	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 612.1 ABC.3.2. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	✓
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	✓
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	✓
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation.	✓
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	✓
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	✓

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* - 83.9

The higher the score, the more efficient the home.

BUD ROSIER, Lot: , Sub: , Plat: , , ,

1. New construction or existing	New	___	12. Cooling systems		
2. Single family or multi-family	Single family	___	a. Central Unit	Cap: 24.7 kBtu/hr	___
3. Number of units, if multi-family	1	___		SEER: 14.75	___
4. Number of Bedrooms	3	___	b. N/A		___
5. Is this a worst case?	Yes	___	c. N/A		___
6. Conditioned floor area (ft ²)	1230 ft ²	___			___
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)			13. Heating systems		
a. U factor:	Description Area		a. Electric Heat Pump	Cap: 24.7 kBtu/hr	___
(or Single or Double DEFAULT)	7a. (Dble Default) 202.0 ft ²	___		HSPF: 8.10	___
b. SHGC:			b. N/A		___
(or Clear or Tint DEFAULT)	7b. (Clear) 202.0 ft ²	___			___
8. Floor types			c. N/A		___
a. Slab-On-Grade Edge Insulation	R=0.0, 147.0(sq) ft	___	14. Hot water systems		
b. N/A		___	a. Electric Resistance	Cap: 50.0 gallons	___
c. N/A		___		EF: 0.97	___
9. Wall types:			b. N/A		___
a. Concrete, Int Insul, Exterior	R=3.0, 958.0 ft ²	___	c. Conservation credits		___
b. N/A		___	(HR-Heat recovery, Solar		
c. N/A		___	DHP-Dedicated heat pump)		
d. N/A		___	15. HVAC credits		
e. N/A		___	(CF-Ceiling fan, CV-Cross ventilation,		
10. Ceiling types			HF-Whole house fan,		
a. Under Attic	R=30.0, 1230.0 ft ²	___	PT-Programmable Thermostat,		
b. N/A		___	MZ-C-Multizone cooling,		
c. N/A		___	MZ-H-Multizone heating)		
11. Ducts					
a. Sup. Unc. Ret. Unc. AH: Interior	Sup. R=6.0, 50.0 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[®] 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.*

¹ Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4. EnergyGauge® (Version: FLRCSB v4.0)

RIGHT-J LOAD AND EQUIPMENT SUMMARY

01/11/06

File name: ROSI1230.RSR
For: BUD ROSIER

Zone: Entire House

By: Phone:

Fax:

Job #: Phone: 1230 SQ. FT.
Wthr:
Notes:

Fax:
Jacksonville AP FL

WINTER DESIGN CONDITIONS

Outside db: 32 °F
Inside db: 70 °F
Design TD: 38 °F

SUMMER DESIGN CONDITIONS

Outside db: 94 °F
Inside db: 75 °F
Design TD: 19 °F
Daily Range: M
Rel. Hum.: 50 %
Grains Water: 49 gr

HEATING SUMMARY

Bldg. Heat Loss 22306 Btuh
Ventilation Air 0 CFM
Vent Air Loss 0 Btuh
Design Heat Load 22306 Btuh

SENSIBLE COOLING EQUIP LOAD SIZING

Structure 11741 Btuh
Ventilation 0 Btuh
Design Temp. Swing 3.0 °F
Use Mfg. Data n
Rate/Swing Mult. 0.99
Total Sens Equip Load 11623 Btuh

INFILTRATION

Method Construction Quality Fireplaces	Simplified Average	
	HEATING	COOLING
	1230	1230
Area (sq.ft.)	9840	9840
Volume (cu.ft.)	1.0	0.5
Air Changes/Hour	164	300
Equivalent CFM		

LATENT COOLING EQUIP LOAD SIZING

Internal Gains 230 Btuh
Ventilation 0 Btuh
Infiltration 9996 Btuh
Tot Latent Equip Load 10226 Btuh
Total Equip Load 21849 Btuh

HEATING EQUIPMENT SUMMARY

Make
Trade

Efficiency	0.0 HSPF
Heating Input	0 Btuh
Heating Output	0 Btuh
Heating Temp Rise	0 °F
Actual Heating Fan	508 CFM
Htg Air Flow Factor	0.023 CFM/Btuh

COOLING EQUIPMENT SUMMARY

Make
Trade

Efficiency	0.0 EER
Sensible Cooling	0 Btuh
Latent Cooling	0 Btuh
Total Cooling	0 Btuh
Actual Cooling Fan	508 CFM
Clg Air Flow Factor	0.043 CFM/Btuh
Load Sens Heat Ratio	53

Space Thermostat

MANUAL J: 7th Ed.

Right-Suite:

Ver 4.1.27

S/N

RSR20784

2.0 Ton Trane Heatpump System
Submitted Cooling Capacity.....24,700

Total Sensible Capacity.....12,300
Total Latent Capacity.....12,400
Total Cooling Capacity.....24,700

Model # 2TWX4024 Heatpump
Model # TWE031E Air Handler

Performance Data Cooling

Capacities are net in Btuh/1000 - indoor fan heat deducted

Outdoor Model 2TWX4024A1
Indoor Model TWE031E13
Airflow 800

Values At ARI Rating Conditions

Total Net Capacity 24600 Btuh
Airflow 790 CFM
App. Dew Point 55.8 F
Compressor Power 1616 watts
Indoor Fan Power 103 watts
Outdoor Fan Power 180 watts
SEER 14.75

Correction Factors - Other Airflows

Airflow 700 900
Total Capacity 0.98 1.02
Sensible Capacity 0.94 1.06
Compressor Kw 0.99 1.00
App. Dew Point -1.4 1.1

Rated with 25 Feet 3/4 suction 5/16 liquid lines

O.D.D.B.	I.D.W.B.	TOTAL CAPACITY	SENSIBLE CAPACITY				SYSTEM Kw
			72	75	78	80	
85	59	22.20	18.80	21.05	22.70*	23.30*	1.69
85	63	24.10	16.00	18.25	20.50	22.00	1.71
85	67	26.00	14.30	14.30	17.30	18.80	1.74
95	59	21.10	18.40	20.55*	21.80*	22.40*	1.86
95	63	22.90	15.50	17.75	20.00	21.50	1.88
95	67	24.70	12.30	14.55	16.80	18.30	1.90
105	63	21.70	15.00	17.25	19.50	21.00	2.04
105	67	23.40	11.80	14.05	16.30	17.80	2.05
105	71	25.20	8.50	10.75	13.00	14.50	2.06
115	63	20.60	14.50	16.75	19.00	20.50	2.20
115	67	22.20	11.30	13.55	15.80	17.30	2.20
115	71	23.80	8.00	10.25	12.50	14.00	2.20
*** 95	67	24.70	IDDB= 80.00		18.30		1.90

*** Performance at selected design conditions

* Dry coil condition (Total Capacity = Sensible Capacity)

Total capacity, compressor Kw and app. dew point valid only for wetcoil

All temperatures in Degree F

Walker

S/N RSR20784
 Zone: Entire House
 Job #: 1230 SQ. FT.
 For: BUD ROSIER

RIGHT-J BUILDING ANALYSIS REPORT

01/11/06
 File name: ROSI1230.RSR

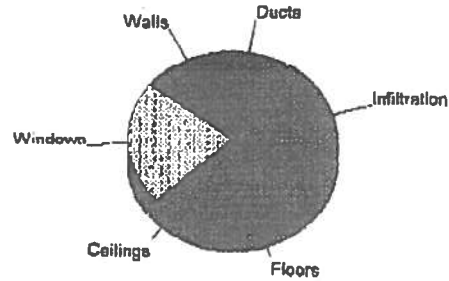
Outside db 32 94
 Inside db 70 75
 Design TD 38 10
 Daily Range - M
 Inside Humid. - 50
 Grains Water - 49

By:

INFILTRATION
 Method Simplified
 Const. qty Average
 Fireplaces 0

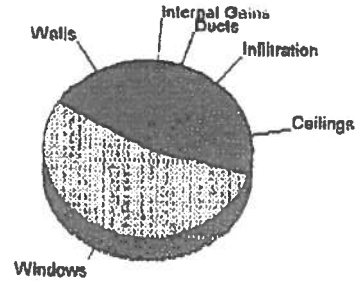
HEATING

Component	Btuh/SqFt	Btuh	% of Btuh
Walls	3.4	3276	14.7
Windows	23.1	5031	22.6
Doors	0.0	0	0.0
Ceilings	1.3	1542	6.9
Floors	30.8	4525	20.3
Infilt.	31.5	6869	30.8
Ducts		1062	4.8



COOLING

Component	Btuh/SqFt	Btuh	% of Btuh
Walls	2.0	1949	16.6
Windows	29.0	6316	53.8
Doors	0.0	0	0.0
Ceilings	1.4	1745	14.9
Floors	0.0	0	0.0
Infilt.	4.0	872	7.4
Ducts		559	4.8
Int.Gains		300	2.6



Clg Tons at 53 % SHR = 1.8 Clg CFM/Ton = 279
 Clg Tons at 70 % SHR = 1.4 Clg Tons at 400 CFM/Ton = 1.3
 Overall U-Value = 0.148

Data entries checked.

RIGHT-J CALCULATION PROCEDURES A, B, C, D

Job #: 1230 SQ. FT.
Zone: Entire House

File name: 01/11/06
ROSI1230.RSR

Procedure A - Winter Infiltration HTM Calculation*

1. Winter Infiltration CFM					
1.0 AC/HR x	9840 Cu.Ft.	x 0.0167 =	164	CFM	
2. Winter Infiltration Btuh					
1.1 x	164 CFM x	38 Winter TD =	6869	Btuh	
3. Winter Infiltration HTM					
6869 Btuh /	218 Total Window =		31.5	HTM	and Door Area

Procedure B - Summer Infiltration HTM Calculation*

1. Summer Infiltration CFM					
0.5 AC/HR x	9840 Cu.Ft.	x 0.0167 =	300	CFM	
2. Summer Infiltration Btuh					
1.1 x	300 CFM x	19 Summer TD =	872	Btuh	
3. Summer Infiltration HTM					
872 Btuh /	218 Total Window =		4.0	HTM	and Door Area

Procedure C - Latent Infiltration Gain

0.68 x	49 gr.diff. x	300 CFM =	9996	Btuh
--------	---------------	-----------	------	------

Procedure D - Equipment Sizing Loads

1. Sensible Sizing Load					
Sensible Ventilation Load					
1.1 x	0 Vent.CFM x	19 Summer TD	=	0	Btuh
Sensible Load for Structure (Line 19)			+	11741	Btuh
Sum of Ventilation and Structure Loads			=	11741	Btuh
Rating and Temperature Swing Multiplier			x	0.99	RSM
Equipment Sizing Load - Sensible			+	11623	Btuh
2. Latent Sizing Load					
Latent Ventilation Load					
0.68 x	0 Vent CFM x	49 gr.diff.	=	0	Btuh
Internal Loads =	230 x	1 No. People	+	230	Btuh
Infiltration Load From Procedure C			+	9996	Btuh
Equipment Sizing Load - Latent			=	10226	Btuh

*Construction Quality is: a No. of Fireplaces is: 0

MANUAL J: 7th Ed. Right-Suite: Ver 4.1.27 S/N RSR20784

Printout certified by ACCA to meet all requirements of Manual Form J

Remodeling of existing concrete block house consists of the following:

- Remove all interior walls.
 - Exterior concrete block wall to be covered with Dmw board (R3) insulation, 1x2 PT furring strip and 1/2 sheetrock.
 - Completely rewire all electrical using 200 Amp panel in hallway, arc fault breakers in bedrooms, ground fault breakers in bath, kitchen, and outside outlets.
 - Hot & cold water supply lines to be replaced using PVC / CPVC.
 - Existing heat pump and ducts to be replaced with SEER 14 unit and flex duct.
 - All windows to be replaced with aluminum single hung insulated glass.
 - Ceiling to be insulated with R30 blown in.
 - Existing trusses to be strengthened by adding 2 additional truss members and all connections (new and old) to be bolted.
 - New asphalt shingles to replace existing shingles
- All new wall, Floor and Ceiling covering
- drywall on all walls w/ tile in bath
 - drywall in ceiling
 - Tile and carpet on floor