

DATE 10/12/2004

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000022380

APPLICANT BRYAN ZECHER PHONE 752-8653
ADDRESS P.O. OX 815 LAKE CITY FL 32056
OWNER EUGENE & MARJORIE BRADY PHONE 752-8653
ADDRESS 949 NW HORIZON ST LAKE CITY FL 32055
CONTRACTOR BRYAN ZECHER PHONE 752-8653
LOCATION OF PROPERTY 90W, TR O BROWN ROAD, TR ON HORIZON DR., 1/2 MILE ON
RIGHT

TYPE DEVELOPMENT SFD, UTILITY ESTIMATED COST OF CONSTRUCTION 88300.00
HEATED FLOOR AREA 1766.00 TOTAL AREA 2628.00 HEIGHT .00 STORIES 1
FOUNDATION CONC WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB
LAND USE & ZONING A-3 MAX. HEIGHT 20
Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00
NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO. _____

PARCEL ID 29-3S-16-02390-026 SUBDIVISION FAIRFIELD HILLS
LOT 26 BLOCK _____ PHASE _____ UNIT _____ TOTAL ACRES 2.50

000000417 N CBC054575
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
PERMIT 04-0958-N BK RJ Y
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: ONE FOOT ABOVE THE ROAD, NOC ON FILE

Check # or Cash 2383

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power _____ Foundation _____ Monolithic _____
date/app. by date/app. by date/app. by
Under slab rough-in plumbing _____ Slab _____ Sheathing/Nailing _____
date/app. by date/app. by date/app. by
Framing _____ Rough-in plumbing above slab and below wood floor _____
date/app. by date/app. by
Electrical rough-in _____ Heat & Air Duct _____ Peri. beam (Lintel) _____
date/app. by date/app. by date/app. by
Permanent power _____ C.O. Final _____ Culvert _____
date/app. by date/app. by date/app. by
M/H tie downs, blocking, electricity and plumbing _____ Pool _____
date/app. by date/app. by
Reconnection _____ Pump pole _____ Utility Pole _____
date/app. by date/app. by date/app. by
M/H Pole _____ Travel Trailer _____ Re-roof _____
date/app. by date/app. by date/app. by

BUILDING PERMIT FEE \$ 445.00 CERTIFICATION FEE \$ 13.14 SURCHARGE FEE \$ 13.14
MISC. FEES \$.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ _____ WASTE FEE \$ _____
FLOOD ZONE DEVELOPMENT FEE \$ _____ CULVERT FEE \$ 25.00 TOTAL FEE 546.28

INSPECTORS OFFICE [Signature] CLERKS 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.

Columbia County Building Permit Application

For Office Use Only Application # 0409-24 Date Received 9/15/04 By G Permit # 417/22380
 Application Approved by - Zoning Official BLK Date 08.10.04 Plans Examiner _____ Date _____
 Flood Zone X Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3
 Comments _____

EA/Thuss/911

Applicants Name Bryan Zecher Phone 752-8653
 Address PO Box B15 Lake City, FL 32056
 Owners Name Eugene + Marjorie Braddy Phone 752-8653
 911 Address 949 NW Horizon St, Lake City, FL 32055
 Contractors Name Bryan Zecher Construction, Inc. Phone 752-8653
 Address PO Box B15 Lake City, FL 32056
 Fee Simple Owner Name & Address Eugene + Marjorie Braddy
 Bonding Co. Name & Address N/A
 Architect/Engineer Name & Address Teena Puffo / Mark Aisoway
 Mortgage Lenders Name & Address 1st Federal / 1590 W Lake City

Property ID Number 29-35-16-02390-026 Estimated Cost of Construction 128,000
 Subdivision Name Fairfield Hills Lot 26 Block _____ Unit _____ Phase _____
 Driving Directions US 90 West to Brown Rd, T/R to Horizon Drive,
1/2 mile on right

Type of Construction Home Number of Existing Dwellings on Property 0
 Total Acreage 2 1/2 Lot Size 2 1/2 Acre Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
 Actual Distance of Structure from Property Lines - Front 75' Side 80' Side 119' Rear 312'
 Total Building Height 20' Number of Stories 1 Heated Floor Area 1766 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.

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 _____

Contractor Signature _____
 Contractors License Number CBC 054575
 Competency Card Number _____

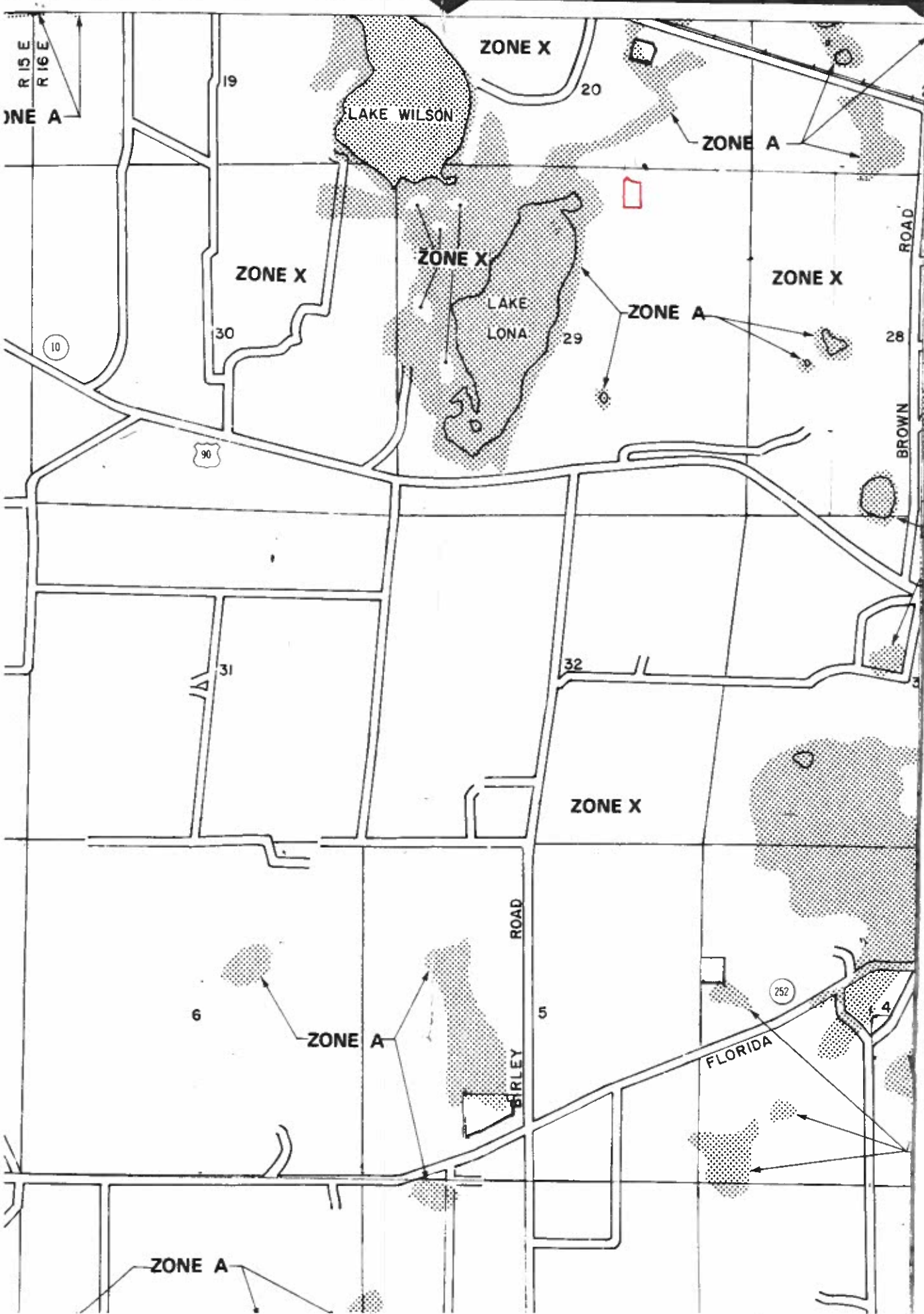
NOTARY STAMP/SEAL

Notary Signature _____

D

0409-24

E



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: 2004020689 Date: 09/10/2004 Time: 09:23
MK DC, P. Dewitt Cason, Columbia County B: 1025 P: 1661

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 26, FAIRFIELD HILLS, a subdivision according to the plat thereof as recorded in Plat Book 4, Pages 107-107A of the public records of Columbia County, Florida.
2. General description of improvement: Construction of Dwelling
3. Owner information:
 - a. Name and address: EUGENE E. BRADDY and MARJORIE G. BRADDY, Husband and Wife
1352 Bud Clifton Road, Lyons, GA 30436
 - 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): Bryan Zecher Construction
P.O. Box 815, Lake City, FL 32056-0815
5. Surety:
 - a. Name and address: _____
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 Marcia Rosen
Deputy Clerk
Date Sept 10, 2004
 - 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):
Eugene E. Braddy
Borrower Name
Marjorie G. Braddy
Co-Borrower Name

The foregoing instrument was acknowledged before me this 9th day of September, 2004, by EUGENE E. & MARJORIE G. BRADDY, Husband & Wife, who is personally known to me or who has produced driver's license for identification.

Terry M. Dade
Notary Public
My Commission Expires: _____




FLORIDA ENERGY EFFICIENCY CODE
FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name:	408121BraddyRes.	Builder:	Bryan Zecher
Address:		Permitting Office:	
City, State:	,	Permit Number:	22380
Owner:	Eugene & Marjorie Braddy	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: 39.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 12.20
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	No	c. N/A	
6. Conditioned floor area (ft²)	1766 ft²		
7. Glass area & type	Single Pane Double Pane	13. Heating systems	
a. Clear glass, default U-factor	0.0 ft² 313.0 ft²	a. Electric Heat Pump	Cap: 39.0 kBtu/hr
b. Default tint, default U-factor	0.0 ft² 0.0 ft²		HSPF: 7.60
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, 197.0(p) ft		
b. N/A		14. Hot water systems	
c. N/A		a. Electric Resistance	Cap: 40.0 gallons
9. Wall types			EF: 0.93
a. Frame, Wood, Exterior	R=13.0, 1057.0 ft²	b. N/A	
b. Frame, Wood, Adjacent	R=13.0, 156.0 ft²	c. Conservation credits	
c. N/A		(HR-Heat recovery, Solar	
d. N/A		DHP-Dedicated heat pump)	
e. N/A		15. HVAC credits	
10. Ceiling types		(CF-Ceiling fan, CV-Cross ventilation,	
a. Under Attic	R=30.0, 1922.0 ft²	HF-Whole house fan,	
b. N/A		PT-Programmable Thermostat,	
c. N/A		MZ-C-Multizone cooling,	
11. Ducts		MZ-H-Multizone heating)	
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 210.0 ft		
b. N/A			

Glass/Floor Area: 0.18 Total as-built points: 26127 PASS
Total base points: 26193

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.	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.
PREPARED BY: Evan Beamsley	
DATE: 8/13/04	
I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.	
OWNER/AGENT:	BUILDING OFFICIAL:
DATE: 8/10/04	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											
				Type/SC	Overhang Ornt Len Hgt		Area X SPM X SOF = Points				
.18	1766.0	20.04	6370.3	Double, Clear	N	1.5	9.0	10.0	19.20	0.98	187.3
				Double, Clear	N	10.0	9.0	67.0	19.20	0.69	892.0
				Double, Clear	N	10.0	2.0	10.0	19.20	0.59	113.9
				Double, Clear	NW	12.0	7.5	10.0	25.97	0.57	147.4
				Double, Clear	NW	12.0	2.5	2.3	25.97	0.52	30.8
				Double, Clear	NW	4.0	7.5	30.0	25.97	0.77	599.2
				Double, Clear	NW	4.0	2.5	3.0	25.97	0.57	44.2
				Double, Clear	N	1.5	7.5	40.0	19.20	0.96	738.5
				Double, Clear	N	1.5	2.5	4.0	19.20	0.80	61.2
				Double, Clear	NE	4.0	7.5	30.0	29.56	0.74	657.3
				Double, Clear	NW	4.0	2.5	3.0	25.97	0.57	44.2
				Double, Clear	N	1.5	2.0	4.0	19.20	0.76	58.1
				Double, Clear	S	9.5	7.5	36.0	35.87	0.49	630.6
				Double, Clear	S	9.5	2.5	6.0	35.87	0.43	93.0
				Double, Clear	S	9.5	9.0	14.0	35.87	0.51	257.4
				Double, Clear	S	9.5	2.5	5.0	35.87	0.43	77.5
				Double, Clear	S	1.5	6.5	30.0	35.87	0.88	943.5
				Double, Clear	S	1.5	1.0	6.0	35.87	0.47	101.8
				Double, Clear	W	1.5	1.7	2.7	38.52	0.55	57.7
								As-Built Total: 313.0 5735.5			
WALL TYPES Area X BSPM = Points				Type R-Value Area X SPM = Points							
Adjacent	156.0	0.70	109.2	Frame, Wood, Exterior			13.0	1057.0	1.50	1585.5	
Exterior	1057.0	1.70	1796.9	Frame, Wood, Adjacent			13.0	156.0	0.60	93.6	
Base Total: 1213.0 1906.1				As-Built Total: 1213.0 1679.1							
DOOR TYPES Area X BSPM = Points				Type Area X SPM = Points							
Adjacent	20.0	2.40	48.0	Exterior Insulated				10.0	4.10	41.0	
Exterior	30.0	6.10	183.0	Adjacent Insulated				20.0	1.60	32.0	
				Exterior Insulated				20.0	4.10	82.0	
Base Total: 50.0 231.0				As-Built Total: 50.0 155.0							
CEILING TYPES Area X BSPM = Points				Type R-Value Area X SPM X SCM = Points							
Under Attic	1766.0	1.73	3055.2	Under Attic			30.0	1922.0	1.73 X 1.00	3325.1	
Base Total: 1766.0 3055.2				As-Built Total: 1922.0 3325.1							

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT									
FLOOR TYPES	Area	X	BSPM = Points	Type	R-Value	Area	X	SPM = Points					
Slab	197.0(p)	-37.0	-7289.0	Slab-On-Grade Edge Insulation	0.0	197.0(p)	-41.20	-8116.4					
Raised	0.0	0.00	0.0										
Base Total:			-7289.0	As-Built Total:		197.0	-8116.4						
INFILTRATION	Area	X	BSPM = Points	Area X SPM = Points									
	1766.0	10.21	18030.9	1766.0 10.21 18030.9									
Summer Base Points:			22304.5	Summer As-Built Points:			20809.1						
Total Summer Points	X	System Multiplier	= Cooling Points	Total Component	X	Cap Ratio	X	Duct Multiplier	X	System Multiplier	X	Credit Multiplier	= Cooling Points
				(DM x DSM x AHU)									
22304.5	0.4266	9515.1		20809.1	1.000	(1.090 x 1.147 x 1.00)	0.280	1.000	7278.1				
				20809.1	1.00	1.250	0.280	1.000	7278.1				

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	1766.0	12.74	4049.8	Double, Clear	N	1.5	9.0	10.0	24.58	1.00	245.9			
				Double, Clear	N	10.0	9.0	67.0	24.58	1.02	1679.0			
				Double, Clear	N	10.0	2.0	10.0	24.58	1.03	252.5			
				Double, Clear	NW	12.0	7.5	10.0	24.30	1.03	250.5			
				Double, Clear	NW	12.0	2.5	2.3	24.30	1.04	57.9			
				Double, Clear	NW	4.0	7.5	30.0	24.30	1.01	739.3			
				Double, Clear	NW	4.0	2.5	3.0	24.30	1.03	75.2			
				Double, Clear	N	1.5	7.5	40.0	24.58	1.00	984.3			
				Double, Clear	N	1.5	2.5	4.0	24.58	1.01	99.5			
				Double, Clear	NE	4.0	7.5	30.0	23.57	1.03	725.7			
				Double, Clear	NW	4.0	2.5	3.0	24.30	1.03	75.2			
				Double, Clear	N	1.5	2.0	4.0	24.58	1.01	99.8			
				Double, Clear	S	9.5	7.5	36.0	13.30	3.10	1483.5			
				Double, Clear	S	9.5	2.5	6.0	13.30	3.66	292.0			
				Double, Clear	S	9.5	9.0	14.0	13.30	2.82	525.4			
				Double, Clear	S	9.5	2.5	5.0	13.30	3.66	243.3			
				Double, Clear	S	1.5	6.5	30.0	13.30	1.09	436.4			
				Double, Clear	S	1.5	1.0	6.0	13.30	3.28	261.3			
				Double, Clear	W	1.5	1.7	2.7	20.73	1.16	64.7			
				As-Built Total:							313.0	8591.3		
				WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points			
Adjacent	156.0	3.60	561.6	Frame, Wood, Exterior	13.0		1057.0	3.40		3593.8				
Exterior	1057.0	3.70	3910.9	Frame, Wood, Adjacent	13.0		156.0	3.30		514.8				
Base Total: 1213.0 4472.5				As-Built Total:		1213.0		4108.6						
DOOR TYPES Area X BWPM = Points				Type	Area X WPM = Points									
Adjacent	20.0	11.50	230.0	Exterior Insulated	10.0 8.40 84.0									
Exterior	30.0	12.30	369.0	Adjacent Insulated	20.0 8.00 160.0									
				Exterior Insulated	20.0 8.40 168.0									
Base Total: 50.0 599.0				As-Built Total:		50.0		412.0						
CEILING TYPES Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points							
Under Attic	1766.0	2.05	3620.3	Under Attic	30.0		1922.0	2.05 X 1.00		3940.1				
Base Total: 1766.0 3620.3				As-Built Total:		1922.0		3940.1						

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT				
FLOOR TYPES	Area	X	BWPM = Points	Type	R-Value	Area	X	WPM = Points
Slab	197.0(p)		8.91753.3	Slab-On-Grade Edge Insulation	0.0	197.0(p)		18.803703.6
Raised	0.0		0.000.0					
Base Total:				As-Built Total:				
1753.3				197.03703.6				
INFILTRATION	Area	X	BWPM = Points					
						Area	X	WPM = Points
	1766.0		-0.59-1041.9			1766.0		-0.59-1041.9
Winter Base Points:				Winter As-Built Points:				
13453.0				19713.7				
Total Winter Points	X	System Multiplier	= Heating Points	Total Component	X	Cap Ratio	X	Duct Multiplier X System Multiplier X Credit Multiplier = Heating Points
						(DM x DSM x AHU)		
13453.0		0.6274	8440.4	19713.7	1.000	(1.069 x 1.169 x 1.00)	0.449	1.00011053.5
				19713.7	1.00	1.250	0.449	1.00011053.5

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 X Ratio	Multiplier X Credit = Total Multiplier
3		2746.00		8238.0	40.0	0.93	3		1.00	2598.37
					As-Built Total:					7795.1

CODE COMPLIANCE STATUS							
BASE					AS-BUILT		
Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	
9515		8440		8238		26193	

Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	
7278		11054		7795		26127	

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.	
Additional Infiltration reqts	606.1.ABC.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

6A-22 OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 6-12. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 83.1

The higher the score, the more efficient the home.

Eugene & Marjorie Braddy, , ,

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 39.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 12.20
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	No	c. N/A	
6. Conditioned floor area (ft ²)	1766 ft ²		
7. Glass area & type	Single Pane Double Pane	13. Heating systems	
a. Clear glass, default U-factor	0.0 ft ² 313.0 ft ²	a. Electric Heat Pump	Cap: 39.0 kBtu/hr
b. Default tint, default U-factor	0.0 ft ² 0.0 ft ²		HSPF: 7.60
c. Labeled U-factor or SHGC	0.0 ft ² 0.0 ft ²	b. N/A	
8. Floor types		c. N/A	
a. Slab-On-Grade Edge Insulation	R=0.0, 197.0(p) ft		
b. N/A		14. Hot water systems	
c. N/A		a. Electric Resistance	Cap: 40.0 gallons
9. Wall types			EF: 0.93
a. Frame, Wood, Exterior	R=13.0, 1057.0 ft ²	b. N/A	
b. Frame, Wood, Adjacent	R=13.0, 156.0 ft ²	c. Conservation credits	
c. N/A		(HR-Heat recovery, Solar	
d. N/A		DHP-Dedicated heat pump)	
e. N/A		15. HVAC credits	
10. Ceiling types		(CF-Ceiling fan, CV-Cross ventilation,	
a. Under Attic	R=30.0, 1922.0 ft ²	HF-Whole house fan,	
b. N/A		PT-Programmable Thermostat,	
c. N/A		MZ-C-Multizone cooling,	
11. Ducts		MZ-H-Multizone heating)	
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 210.0 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: 9/10/04

Address of New Home: _____

City/FL Zip: Lake City, FL



**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)

**Columbia County Building Department
Culvert Permit**

**Culvert Permit No.
000000417**

DATE 10/12/2004 PARCEL ID # 29-3S-16-02390-026
APPLICANT BRYAN ZECHER PHONE 752-8653
ADDRESS P.O. BOX 815 LAKE CITY FL 32056
OWNER EUGENE & MARJORIE BRADDY PHONE 752-8653
ADDRESS 949 NW HORIZON ST LAKE CITY FL 32055
CONTRACTOR BRYAN ZECHER PHONE 752-8653
LOCATION OF PROPERTY 90W, TR ON BROWN ROAD, TR ON HORIZON RIVE, 1/2 ON RIGHT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT FAIRFIELD HILLS 26

SIGNATURE _____

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 INSTALATION OF THE CULVERT.

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

Amount Paid 25.00



COLUMBIA COUNTY OFFICE 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 29-3S-16-02390-026

Building permit No. 000022380

Use Classification SFD, UTILITY

Fire: 28.35

Permit Holder BRYAN ZECHER

Waste: 61.25

Owner of Building EUGENE & MARJORIE BRADDY

Total: 89.60

Location: 949 NW HORIZON ST (FAIRFIELD HILLS, LOT 26)

Date: 03/31/2005

Hany Dieke

Building Inspector



POST IN A CONSPICUOUS PLACE
(Business Places Only)