

DATE 05/09/2005

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000023116

APPLICANT BRYAN ZECHER

PHONE 752.8653

ADDRESS POB 815

LAKE CITY

FL 32056

OWNER RONNIE & JANET TYRE

PHONE 752.8653

ADDRESS 860 SW EMERALD LAKE DRIVE

LAKE CITY

FL 32055

CONTRACTOR BRYAN ZECHER

PHONE 752.8653

LOCATION OF PROPERTY 90-W TO BROWN RD,TR GO TO WINDING PL,TL GO TO STOP SIGN,

TL ON EM. LAKES R., GO TO END OF RD,PROPERTY @ END OF CUL-DE

TYPE DEVELOPMENT SFD & UTILITY

ESTIMATED COST OF CONSTRUCTION

103600.00

HEATED FLOOR AREA 2072.00

TOTAL AREA 2869.00

HEIGHT 19.00

STORIES 1

FOUNDATION CONC

WALLS FRAMED

ROOF PITCH 6'12

FLOOR CONC

LAND USE & ZONING RSF-2

MAX. HEIGHT 35

Minimum Set Back Requirments: STREET-FRONT 25.00

REAR 15.00

SIDE 10.00

NO. EX.D.U. 0

FLOOD ZONE XPP

DEVELOPMENT PERMIT NO.

PARCEL ID 28-3S-16-02372-610

SUBDIVISION ARBOR GREENE @ EMERALD LAKES

LOT 10

BLOCK

PHASE 2

UNIT

TOTAL ACRES .50

000000653

X

CBC054575

Culvert Permit No.

Culvert Waiver

Contractor's License Number

Applicant/Owner/Contractor

18"X32"MITERED

05-0386-N

BLK

N

Driveway Connection

Septic Tank Number

LU & Zoning checked by

Approved for Issuance

New Resident

COMMENTS: 1 FOOT ABOVE ROAD.

NOC ON FILE

Check # or Cash 2471

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

date/app. by

Pool

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 \$ 520.00

CERTIFICATION FEE \$ 14.35

SURCHARGE FEE \$ 14.35

MISC. FEES \$.00

ZONING CERT. FEE \$ 50.00

FIRE FEE \$

WASTE FEE \$

FLOOD ZONE DEVELOPMENT FEE \$

CULVERT FEE \$ 25.00

TOTAL FEE 623.70

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.

CERTIFICATE OF OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

This Certificate of Occupancy is issued to the below named permit holder for the building and premises at the below named location, and certifies that the work has been completed in accordance with the Columbia County Building Code.

Parcel Number 28-3S-16-02372-610

Building permit No. 000023116

Use Classification SFD & UTILITY

Fire: 53.28

Permit Holder BRYAN ZECHER

Waste: 110.25

Owner of Building RONNIE & JANET TYRE

Total: 163.53

Location: 860 SW EMERALD LAKE DRIVE, LAKE CITY, FL

Date: 01/30/2006

Tony Dicks

Building Inspector



POST IN A CONSPICUOUS PLACE
(Business Places Only)

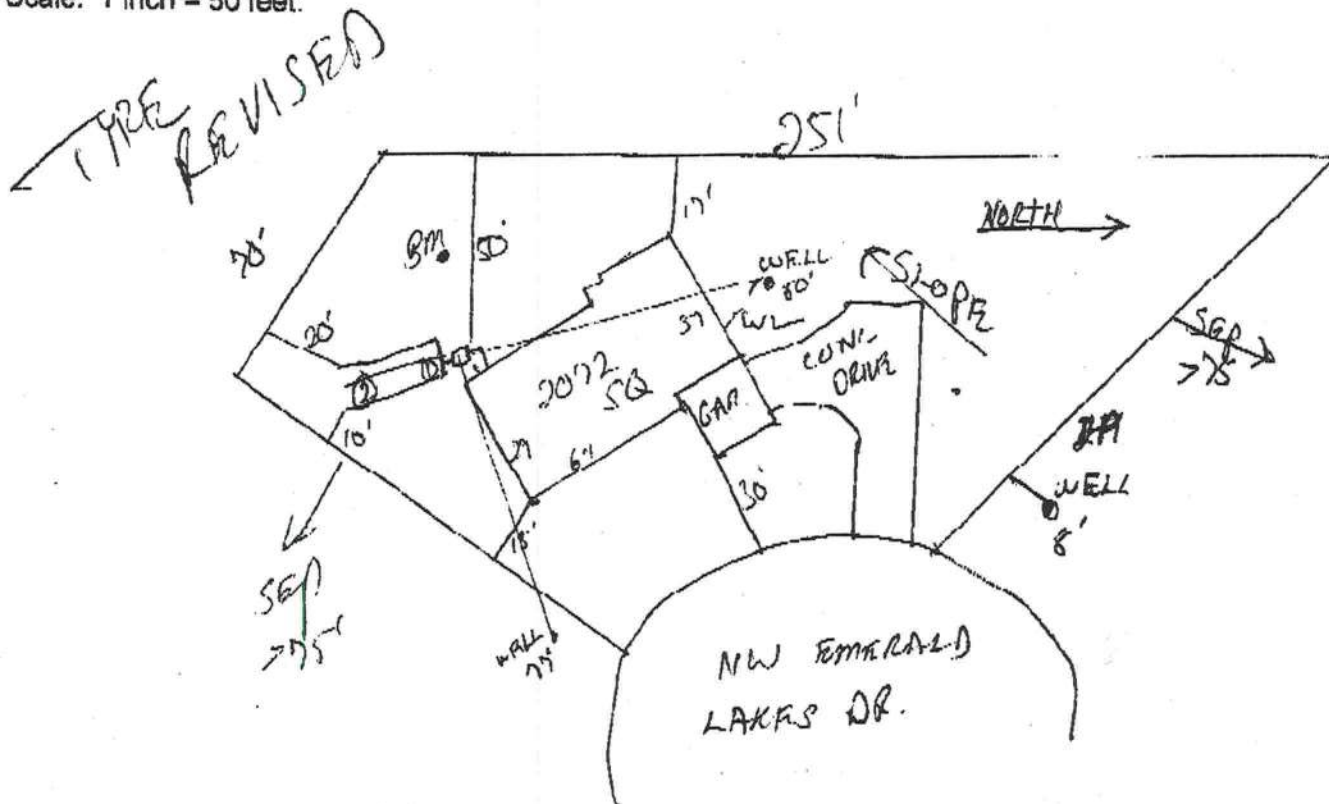
STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number OS-0386-N

PART II - SITEPLAN

Scale: 1 inch = 50 feet.



REVISED
1-9-06

Notes:

REVISED OS-0386-N

NO SOIL CHANGE

Site Plan submitted by:

Rock D F

MASTER CONTRACTOR

Plan Approved

Not Approved

Date *1-9-06*

By

Salvador Grady - EST. COLUMBIA

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

Culvert Waiver No.
000000653

DATE: 12/14/2005

BUILDING PERMIT NO. 23116

APPLICANT BRYAN ZECHER PHONE 752.8653

ADDRESS POB 815 LAKE CITY FL 32056

OWNER RONNIE & JANET TYRE PHONE 386.984.5747

ADDRESS 860 SW EMERALD LAKE DRVE LAKE CITY FL 32055

CONTRACTOR	BRYAN ZECHER	PHONE	752.8653
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LOCATION OF PROPERTY 90-W TO BROWN RD,TR GO TO WINDING PL,TL GO TO STOP SIGN,TL

GO TO EMERALD LAKES DR, TL GO TO VERY END, PROPERTY @ END OF CUL-DE-SAC

SUBDIVISION/LOT/BLOCK/PHASE/UNIT	ARBOR GREENE @ E.L.	10	2
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PARCEL ID # 28-3S-16-02372-610

I HEREBY CERTIFY THAT I UNDERSTAND AND WILL FULLY COMPLY WITH THE DECISION OF THE COLUMBIA COUNTY PUBLIC WORKS DEPARTMENT IN CONNECTION WITH THE HEREIN PROPOSED APPLICATION.

SIGNATURE: Adena Dyer

**A SEPARATE CHECK IS REQUIRED
MAKE CHECKS PAYABLE TO BCC**

Amount Paid 50.00

PUBLIC WORKS DEPARTMENT USE ONLY

I HEREBY CERTIFY THAT I HAVE EXAMINED THIS APPLICATION AND DETERMINED THAT THE CULVERT WAIVER IS:

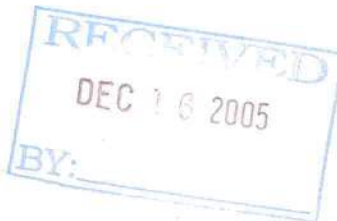
✓ APPROVED _____ NOT APPROVED - NEEDS A CULVERT PERMIT

COMMENTS: _____

SIGNED: [Signature] DATE: 12-28-05

ANY QUESTIONS PLEASE CONTACT THE PUBLIC WORKS DEPARTMENT AT 386-752-5955.

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



Columbia County Building Permit Application

For Office Use Only Application # 0504-28 Date Received 4-11-05 By LH Permit # 650/23116
 Application Approved by - Zoning Official BZK Date 04.05.05 Plans Examiner OK JTH Date 4-20-05
 Flood Zone X per plot Development Permit N/A Zoning RSF-2 Land Use Plan Map Category RES. Low Density
 Comments EA \$ 623.70 = 2471

Applicants Name Bryan Zecher Phone 752-8653
 Address PO Box 815 Lake City, FL 32056
 Owners Name Ronnie + Janet Tyre Phone 984-5747
 911 Address 860 SW Emerald Lake Dr LC, FL 32055
 Contractors Name Bryan Zecher Construction Inc Phone 752-8653
 Address P.O. Box 815, Lake City, FL 32056
 Fee Simple Owner Name & Address N/A
 Bonding Co. Name & Address N/A
 Architect/Engineer Name & Address Teena Ruffo US 90 W LC, FL / Mark DiSway
 Mortgage Lenders Name & Address 1st Federal, US 90 W, LC, FL 32055

Property ID Number 28-35-16-02372-610 Estimated Cost of Construction \$135,000-
 Subdivision Name Arbor Greene at Emerald Lakes, Phase 2 Lot 10 Block Unit Phase 2
 Driving Directions US 90 to Brown Rd. Turn Right. Go to 2nd Left, Winding Pl. Go to STOP sign. Turn Left on Emerald Lakes Dr. Go to end of road Property at end of Cul de Sac.
 Type of Construction New Home Number of Existing Dwellings on Property 0 *refer to pay*
 Total Acreage 1/2 Acre Lot Size Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Driveway?
 Actual Distance of Structure from Property Lines - Front 30 Side 42'6" Side 39 Rear 15 *43*
 Total Building Height 19'11" Number of Stories 1 Heated Floor Area 2072 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 _____

\$2471

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

NOTARY STAMP/SEAL

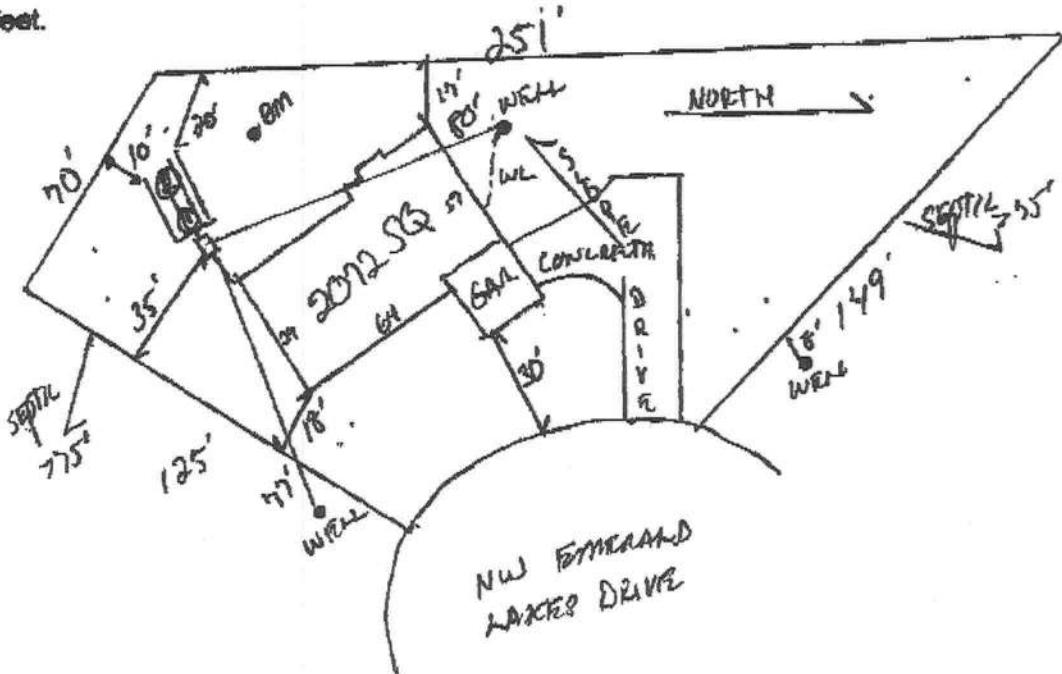
Notary Signature _____

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

Permit Application Number 05-0386N

----- PART II - SITEPLAN -----

Scale: 1 inch = 50 feet.



Notes: _____

Site Plan submitted by: Rocky D 7-0

Plan Approved ✓

By Jm 02

Not Approved _____

MASTER CONTRACTOR

Date 9-10-05

Columbia County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

Page 2 of 4

APR 18 '05 15:27 NO. 014 F. 03
(used by you may use HHS-H Form 4016 which may be used)

COL. CO. HEALTH DEPT. ID: 386-758-2187

FLORIDA ENERGY EFFICIENCY CODE
FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A


Project Name:	503305TyreRes.	Builder:	B. Zecher
Address:	Lot: , Sub: , Plat:	Permitting Office:	COLUMBIA
City, State:	,	Permit Number:	23116
Owner:	Ronnie & Janet Tyre	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: 48.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 11.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	Yes	c. N/A	
6. Conditioned floor area (ft²)	2072 ft²		
7. Glass area & type	Single Pane Double Pane	13. Heating systems	
a. Clear glass, default U-factor	0.0 ft² 283.5 ft²	a. Electric Heat Pump	Cap: 48.0 kBtu/hr
b. Default tint, default U-factor	0.0 ft² 0.0 ft²		HSPF: 7.50
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, 319.0(p) ft		
b. N/A		14. Hot water systems	
c. N/A		a. Electric Resistance	Cap: 40.0 gallons
9. Wall types			EF: 0.89
a. Frame, Wood, Adjacent	R=13.0, 244.0 ft²	b. N/A	
b. Frame, Wood, Exterior	R=13.0, 516.0 ft²	c. Conservation credits	
c. Face Brick, Wood, Exterior	R=13.0, 877.0 ft²	(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, 2336.0 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: 0.14

Total as-built points: 28983
Total base points: 29010

PASS

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: 4/1/05		
I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.		
OWNER/AGENT:	BUILDING OFFICIAL:	
DATE: 3/6/05	DATE:	

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

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

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	2072.0	20.04	7474.1	Double, Clear	S	12.0	8.0	60.0	35.87	0.47	1018.3		
				Double, Clear	E	27.3	9.5	20.0	42.06	0.36	300.2		
				Double, Clear	SE	5.0	8.0	15.0	42.75	0.60	386.8		
				Double, Clear	S	1.5	8.0	20.0	35.87	0.92	662.3		
				Double, Clear	E	1.5	8.0	15.0	42.06	0.96	604.2		
				Double, Clear	S	1.5	8.0	30.0	35.87	0.92	993.5		
				Double, Clear	S	1.5	8.0	20.0	35.87	0.92	662.3		
				Double, Clear	W	1.5	5.5	20.0	38.52	0.90	691.0		
				Double, Clear	N	1.5	8.0	30.0	19.20	0.97	557.1		
				Double, Clear	N	1.5	3.0	10.0	19.20	0.83	159.6		
				Double, Clear	N	5.0	9.5	14.0	19.20	0.82	220.9		
				Double, Clear	N	0.0	0.0	3.5	19.20	1.00	67.2		
				Double, Clear	E	1.5	5.5	26.0	42.06	0.90	980.2		
				As-Built Total:							283.5	7303.5	
				WALL TYPES Area X BSPM = Points				Type	R-Value			Area X SPM = Points	
Adjacent	244.0	0.70	170.8	Frame, Wood, Adjacent	13.0			244.0	0.60	146.4			
Exterior	1393.0	1.70	2368.1	Frame, Wood, Exterior	13.0			516.0	1.50	774.0			
				Face Brick, Wood, Exterior	13.0			877.0	0.35	306.9			
Base Total:	1637.0		2538.9	As-Built Total:				1637.0		1227.3			
DOOR TYPES Area X BSPM = Points				Type				Area X SPM = Points					
Adjacent	20.0	2.40	48.0	Exterior Insulated				16.0	4.10	65.6			
Exterior	36.0	6.10	219.6	Exterior Insulated				20.0	4.10	82.0			
				Adjacent Insulated				20.0	1.60	32.0			
Base Total:	56.0		267.6	As-Built Total:				56.0		179.6			
CEILING TYPES Area X BSPM = Points				Type	R-Value			Area X SPM X SCM = Points					
Under Attic	2072.0	1.73	3584.6	Under Attic	30.0			2336.0	1.73 X 1.00	4041.3			
Base Total:	2072.0		3584.6	As-Built Total:				2336.0		4041.3			
FLOOR TYPES Area X BSPM = Points				Type	R-Value			Area X SPM = Points					
Slab	319.0(p)	-37.0	-11803.0	Slab-On-Grade Edge Insulation	0.0			319.0(p)	-41.20	-13142.8			
Raised	0.0	0.00	0.0										
Base Total:			-11803.0	As-Built Total:				319.0		-13142.8			

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

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

PERMIT #:

BASE				AS-BUILT				
INFILTRATION Area X BSPM = Points				Area X SPM = Points				
2072.0 10.21 21155.1				2072.0 10.21 21155.1				
Summer Base Points: 23217.3				Summer As-Built Points: 20764.1				
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>				
23217.3 0.4266 9904.5				20764.1 1.000 (1.090 x 1.147 x 1.00) 0.310 1.000 8054.6 20764.1 1.00 1.250 0.310 1.000 8054.6				

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	2072.0	12.74	4751.5	Double, Clear	S	12.0	8.0	60.0	13.30	3.28	2613.1		
				Double, Clear	E	27.3	9.5	20.0	18.79	1.51	566.3		
				Double, Clear	SE	5.0	8.0	15.0	14.71	1.53	337.1		
				Double, Clear	S	1.5	8.0	20.0	13.30	1.04	276.9		
				Double, Clear	E	1.5	8.0	15.0	18.79	1.02	287.5		
				Double, Clear	S	1.5	8.0	30.0	13.30	1.04	415.3		
				Double, Clear	S	1.5	8.0	20.0	13.30	1.04	276.9		
				Double, Clear	W	1.5	5.5	20.0	20.73	1.03	426.2		
				Double, Clear	N	1.5	8.0	30.0	24.58	1.00	738.0		
				Double, Clear	N	1.5	3.0	10.0	24.58	1.01	248.1		
				Double, Clear	N	5.0	9.5	14.0	24.58	1.01	347.5		
				Double, Clear	N	0.0	0.0	3.5	24.58	1.00	86.0		
				Double, Clear	E	1.5	5.5	26.0	18.79	1.04	508.8		
				As-Built Total:							283.5	7127.6	
				WALL TYPES Area X BWPM = Points				Type R-Value Area X WPM = Points					
Adjacent	244.0	3.60	878.4	Frame, Wood, Adjacent		13.0	244.0	3.30	805.2				
Exterior	1393.0	3.70	5154.1	Frame, Wood, Exterior		13.0	516.0	3.40	1754.4				
				Face Brick, Wood, Exterior		13.0	877.0	3.17	2784.5				
Base Total:	1637.0		6032.5	As-Built Total:			1637.0		5344.1				
DOOR TYPES Area X BWPM = Points				Type Area X WPM = Points									
Adjacent	20.0	11.50	230.0	Exterior Insulated			16.0	8.40	134.4				
Exterior	36.0	12.30	442.8	Exterior Insulated			20.0	8.40	168.0				
				Adjacent Insulated			20.0	8.00	160.0				
Base Total:	56.0		672.8	As-Built Total:			56.0		462.4				
CEILING TYPES Area X BWPM = Points				Type R-Value Area X WPM X WCM = Points									
Under Attic	2072.0	2.05	4247.6	Under Attic		30.0	2336.0	2.05 X 1.00	4788.8				
Base Total:	2072.0		4247.6	As-Built Total:			2336.0		4788.8				
FLOOR TYPES Area X BWPM = Points				Type R-Value Area X WPM = Points									
Slab	319.0(p)	8.9	2839.1	Slab-On-Grade Edge Insulation		0.0	319.0(p)	18.80	5997.2				
Raised	0.0	0.00	0.0										
Base Total:			2839.1	As-Built Total:			319.0		5997.2				

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					
2072.0 -0.59 -1222.5				2072.0 -0.59 -1222.5					
Winter Base Points: 17321.0				Winter As-Built Points: 22497.6					
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)					
17321.0 0.6274 10867.2				22497.6 1.000 (1.069 x 1.169 x 1.00) 0.455 1.000 12782.7 22497.6 1.00 1.250 0.455 1.000 12782.7					

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

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

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	0.89	3	1.00	2715.15	1.00	8145.4
				As-Built Total:						8145.4

CODE COMPLIANCE STATUS									
BASE					AS-BUILT				
Cooling Points	+	Heating Points	+	Hot Water Points = Total Points	Cooling Points	+	Heating Points	+	Hot Water Points = Total Points
9904		10867		8238 29010	8055		12783		8145 28983

PASS



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 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* = 83.3

The higher the score, the more efficient the home.

Ronnie & Janet Tyre, Lot: , Sub: , Plat: , , ,

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 48.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 11.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	Yes	c. N/A	
6. Conditioned floor area (ft ²)	2072 ft ²		
7. Glass area & type	Single Pane Double Pane	13. Heating systems	
a. Clear glass, default U-factor	0.0 ft ² 283.5 ft ²	a. Electric Heat Pump	Cap: 48.0 kBtu/hr
b. Default tint, default U-factor	0.0 ft ² 0.0 ft ²		HSPF: 7.50
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, 319.0(p) ft		
b. N/A		14. Hot water systems	
c. N/A		a. Electric Resistance	Cap: 40.0 gallons
9. Wall types			EF: 0.89
a. Frame, Wood, Adjacent	R=13.0, 244.0 ft ²	b. N/A	
b. Frame, Wood, Exterior	R=13.0, 516.0 ft ²		
c. Face Brick, Wood, Exterior	R=13.0, 877.0 ft ²	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, 2336.0 ft ²	(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: Garage	Sup. R=6.0, 210.0 ft	MZ-H-Multizone heating)	
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: 3/6/05

Address of New Home: 860 SW Emerald
Lks Dr

City/FL Zip: Lake City, FL 32055



*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 850/484-9814.

Energy Gauge Version: FLR2PB v3.4)

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

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 10, ARBOR GREENE AT EMERALD LAKES PHASE 2, a subdivision according to the plat thereof as recorded in Plat Book 7, Pages 131-133 of the public records of Columbia County, Florida.
2. General description of improvement: Construction of Dwelling
3. Owner information:
 - a. Name and address: Ronnie R. Tyre and Janet S. Tyre
854 SE St. Johns Street, 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): Bryan Zecher Construction, Inc.
465 NW Orange Street, Lake City, FL 32025
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).

Ronnie R. Tyre
Borrower Name

Janet S. Tyre
Co-Borrower Name

The foregoing instrument was acknowledged before me this 29th day of March, 2005 by Ronnie R. Tyre and Janet S. Tyre, who is personally known to me or who has produced driver's license for identification.

[Signature]
Notary Public

My Commission Expires:

Inst:2005007495 Date:04/01/2005 Time:12:41
DK DC, P. DeWitt Cason, Columbia County B:1042 P:492



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

Paul K. Cason
Deputy Clerk

Date

April 1, 2005



**Columbia County Building Department
Culvert Permit**

**Culvert Permit No.
000000653**

DATE 05/09/2005 PARCEL ID # 28-3S-16-02372-610

APPLICANT BRYAN ZECHER PHONE 752.8653

ADDRESS POB 815 LAKE CITY FL 32056

OWNER RONNIE & JANET TYRE PHONE 386.984.5747


ADDRESS 860 SW EMERALD LAKE DRVE LAKE CITY FL 32055

CONTRACTOR BRYAN ZECHER PHONE 752.8653

LOCATION OF PROPERTY 90-W TO BROWN RD,TR GO TO WINDING PL,TL GO TO STOP SIGN,TL

GO TO EMERALD LAKES DR,TL GO TO VERY END, PROPERTY @ END OF CUL-DE-SAC

SUBDIVISION/LOT/BLOCK/PHASE/UNIT ARBOR GREENE @ E.L. 10 2

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

