

DATE 03/25/2004

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT**000021654**

APPLICANT BRYAN ZECHER PHONE 752-8653

ADDRESS P.O. BOX 815 LAKE CITY FL 32056

OWNER SCOTT & ALEXIS COOK PHONE _____

ADDRESS 861 NW ZACK DRIVE LAKE CITY FL 32055

CONTRACTOR BRYAN ZECHER PHONE _____

LOCATION OF PROPERTY 90W, TR ON BROWN RD, TL ON WINDING PLACE, TL ON EMERALD LAKES DRIVE, TL ON ZACK, 1ST ON RIGHT

TYPE DEVELOPMENT SFD, UTILITY ESTIMATED COST OF CONSTRUCTION 110450.00

HEATED FLOOR AREA 2209.00 TOTAL AREA 3011.00 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 Requirements: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00

NO. EX.D.U. 0 FLOOD ZONE X PP DEVELOPMENT PERMIT NO. _____

PARCEL ID 28-3S-16-02372-616 SUBDIVISION ARBOR GREENE @ EMERALD LAKES

LOT 17 BLOCK _____ PHASE 2 UNIT _____ TOTAL ACRES .50

000000248 _____ CBC054575 _____

Culvert Permit No. _____ Culvert Waiver _____ Contractor's License Number _____ Applicant/Owner/Contractor _____

PERMIT 04-0290-N BK JK _____

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

COMMENTS: ONE FOOT ABOVE CENTER LINE OF ROAD, NOC ON FILECheck # or Cash 2102**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 \$ 555.00 CERTIFICATION FEE \$ 15.06 SURCHARGE FEE \$ 15.06

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

FLOOD ZONE DEVELOPMENT FEE \$ _____ CULVERT FEE \$ 25.00 **TOTAL FEE** 660.12

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.

10793

Notice of Treatment

Applicator Florida Pest Control & Chemical Co.Address 536 SE Baya DriveCity Lake City FL Phone 752-1703Site Location Subdivision Emerald LakesLot# 116 Block# Permit# 21654Address 861 NW ZACK Dr Lake City

AREAS TREATED

Area Treated	Date	Time	Gal.	Print Technician's Name
Main Body	4/7/88	1600	505	Gunny P234
Patio/s #				
Stoop/s #				
Porch/s #				
Brick Veneer				
Extension Walls				
A/C Pad				
Walk/s #				
Exterior of Foundation				
Driveway Apron				
Out Building				
Tub Trap/s				
(Other)				

Name of Product Applied DIABLO TC 1.05 %Remarks Exterior Grate not finished.

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

Notice of Treatment

Applicator Florida Pest Control & Chemical Co.

10793

Address 536 SE BAY AVE

City L.C.

Phone 752-1723

Site Location Subdivision Emerald Lakes

Lot# 16 Block# 21654

Address 861 NW ZACK DR

AREAS TREATED

Print Technician's
Name

Area Treated

Date

Time

Gal.

Main Body

Patio/s #

Stoop/s #

Porch/s #

Brick Veneer

Extension Walls

A/C Pad

Walk/s #

Exterior of Foundation

Driveway Apron

Out Building

Tub Trap/s

Kitchen TRAP 5/3/04 1545 2 F204 Gummy

(Other)

Name of Product Applied Dursban TC 2.5 %

Remarks Exterior not to grade.

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

Notice of Treatment

Applicator Florida Pest Control & Chemical Co.

Address 536 SE Bay

City LC Phone 752-1703

Site Location Subdivision EMERALD LAKES

Lot# 16 Block# 21654

Address 861 ZACK DR

AREAS TREATED

Area Treated	Date	Time	Gal.	Print Technician's Name
Main Body				
Patio/s #				
Stoop/s #				
Porch/s #				
Brick Veneer				
Extension Walls				
A/C Pad				
Walk/s #	<u>1</u>	<u>7-27-04</u>	<u>510.3</u>	<u>GARY</u>
Exterior of Foundation				
Driveway Apron	<u>7-27-04</u>	<u>500.12</u>	<u>600.12</u>	<u>GARY</u>
Out Building				
Tub Trap/s				
(Other)				

Name of Product Applied Durante 5%

Remarks Driveway Apron / Walk

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

**Columbia County
Building Permit Application**

248 | 21654

Date 2/27/04

Application No. 0483 ^{JB}

Applicants Name & Address Scott & Alexis Cook - Owner Phone _____
911 → 861 NW Zack Dr, Lake City, FL 32055

Owners Name & Address ~~Bryan Zacher~~ Phone _____

Fee Simple Owners Name & Address _____ Phone _____

Contractors Name & Address Bryan Zacher Construction, Inc Phone 752-91653
PO Box 815 Lake City, FL 32056

Legal Description of Property Lot 16 Arbor Greens @ Emerald Lakes, Phase 2

Location of Property US 90 to Brown Rd / T/L on winding place to shop sign T/L on Emerald Lakes Drive to shop sign T/L ea

Tax Parcel Identification No. 28-35-16-02372-616 Estimated Cost of Construction \$ 130,000 -

Type of Development Single family dwelling Number of Existing Dwellings on Property 4?/0

Comprehensive Plan Map Category RESIDENTIAL Low DENSITY Zoning Map Category RSF-2

Building Height 21'2" Number of Stories 1 Floor Area _____ Total Acreage in Development .5

Distance From Property Lines (Set Backs) Front 30' Side 30' Rear 100' Street 45'

Flood Zone X per plat states 1 above Certification Date _____ Development Permit N/A

Bonding Company Name & Address N/A

Architect/Engineer Name & Address _____

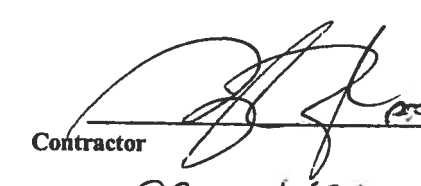
Mortgage Lenders Name & Address CNB National Bank

Application is hereby made to obtain a permit to do the 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 will 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 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 or Agent (including contractor)


Contractor
CBC054575
Contractor License Number

STATE OF FLORIDA
COUNTY OF COLUMBIA
Sworn to (or affirmed) and subscribed before me
this _____ day of _____ by _____

STATE OF FLORIDA
COUNTY OF COLUMBIA
Sworn to (or affirmed) and subscribed before me
this _____ day of _____ by _____

Personally Known _____ OR Produced Identification

Personally Known _____ OR Produced Identification


Columbia County Property Appraiser - Interactive Record Search & GIS Mapping System -
[New Search](#)
[Search Results](#)
[Parcel Details](#)
[GIS Map](#)
[Home](#)
[Property Search](#)
[Agriculture Classification](#)
[Amendment 10](#)
[Exemptions](#)
[Tangible Property Tax](#)
[Tax Rates](#)
[Report & Map Pricing](#)
[Important Dates](#)
[Office Directory](#)
[E-mail us Comments](#)
Parcel ID: 28-3S-16-02372-616

Columbia County Property Appraiser

Owner & Property Info

 Show: [Tax Info](#) | [GIS Map](#) |

[Property Card](#)

Owner's Name	COOK ALEXIS T
Site Address	ARBOR GREENE PHS 2
Mailing Address	RT 19 BX 1340 LAKE CITY, FL 32025
Brief Legal	LOT 16 ARBOR GREENE AT EMERALD LAKES PHASE 2. WD 1008-1971.

Use Desc. (code)	VACANT (000000)
Neighborhood	28316.05
Tax District	2
UD Codes	
Market Area	01
Total Land Area	0.500 ACRES

Property & Assessment Values

Mkt Land Value	cnt: (1)	\$18,275.00
Ag Land Value	cnt: (0)	\$0.00
Building Value	cnt: (0)	\$0.00
XFOB Value	cnt: (0)	\$0.00
Total Appraised Value		\$18,275.00

Just Value	\$18,275.00
Class Value	\$0.00
Assessed Value	\$18,275.00
Exempt Value	\$0.00
Total Taxable Value	\$18,275.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
2/26/2004	1008/1971	WD	V	Q		\$21,500.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
NONE						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
NONE						

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000000	VAC RES (MKT)	1.000 LT - (.500AC)	1.00/1.00/1.00/1.00	\$18,275.00	\$18,275.00

Columbia County Property Appraiser

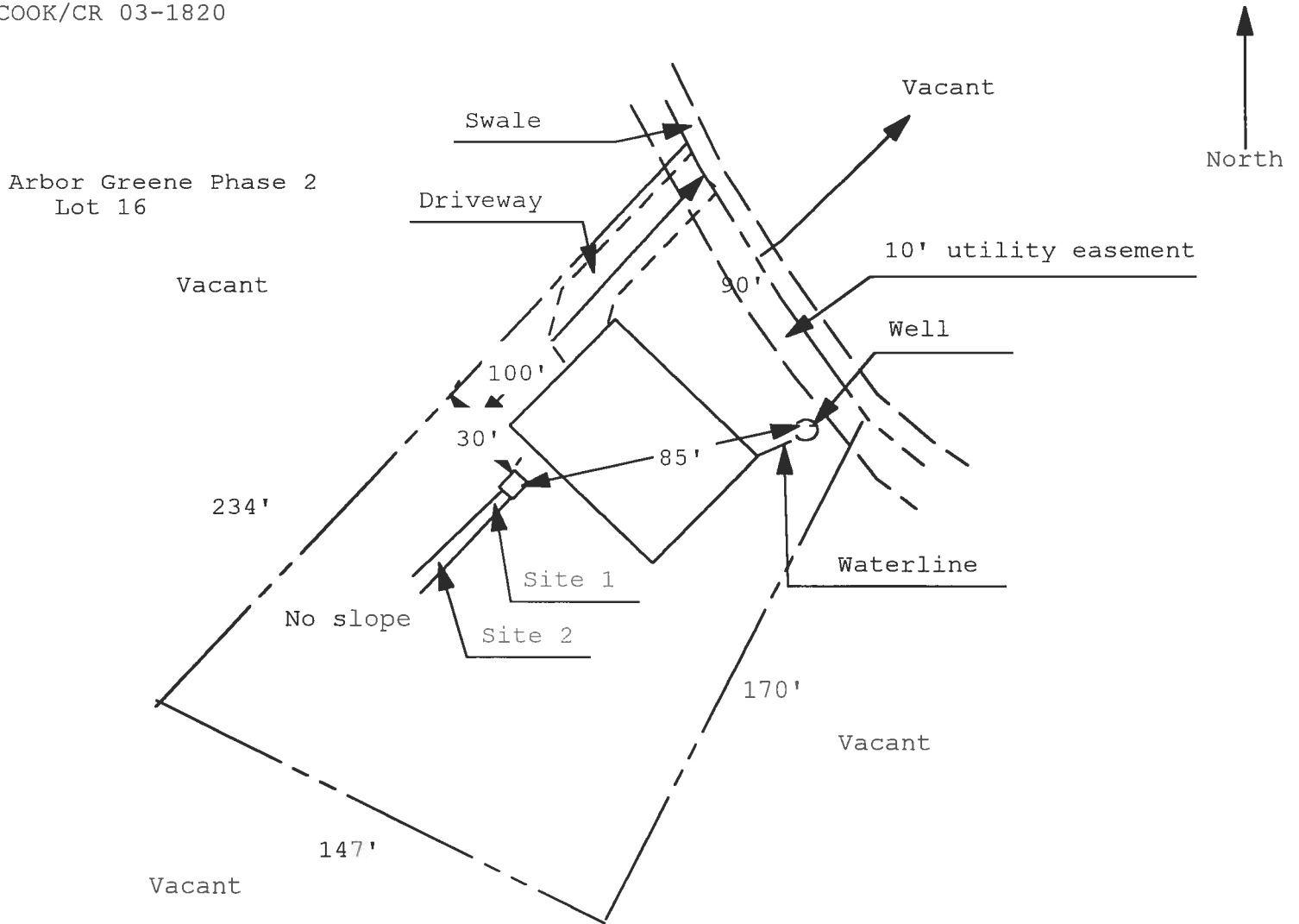
DB Last Updated: 03/11/2004

1 of 1

Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan
Permit Application Number: 04-0290N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

COOK/CR 03-1820



1 inch = 50 feet

Site Plan Submitted By Paul Doyle Date 2/4/04
Plan Approved Paul Doyle Not Approved ms Date 2/4/04
By Paul Doyle ms CPHU
3-9-04

Notes: _____

**RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR
FLORIDA BUILDING CODE 2001
ONE (1) AND TWO (2) FAMILY DWELLINGS
ALL REQUIREMENTS ARE SUBJECT TO CHANGE
EFFECTIVE MARCH 1, 2002**

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

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:

Plans Examiner

7

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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.

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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

- 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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2

1

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□

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1

- ☒
- ☒
- ☒

N/A

N/A

- ☒

- ☒

- ☒

- ☒

- ☒

- ☒

N/A

- ☒
- ☒
- ☐ EXPIRED

N/A

N/A

- ☒

- ☒

- ☐

- ☒

- ☐ *

N/A

N/A

Floor Plan including:

- 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 Fl. 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 (termiticide or alternative method)
 - 10. Slab on grade
 - a. Vapor retarder (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 (termiteicide or alternative method)
11. Slab on grade
 - a. Vapor retarder (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)

N/A



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

Private Potable Water

- a) Size of pump motor 1hrs
- b) Size of pressure tank
- c) Cycle stop valve if used

Typical wall
120 ft
Show wall height

Check for
water

N/A



N/A



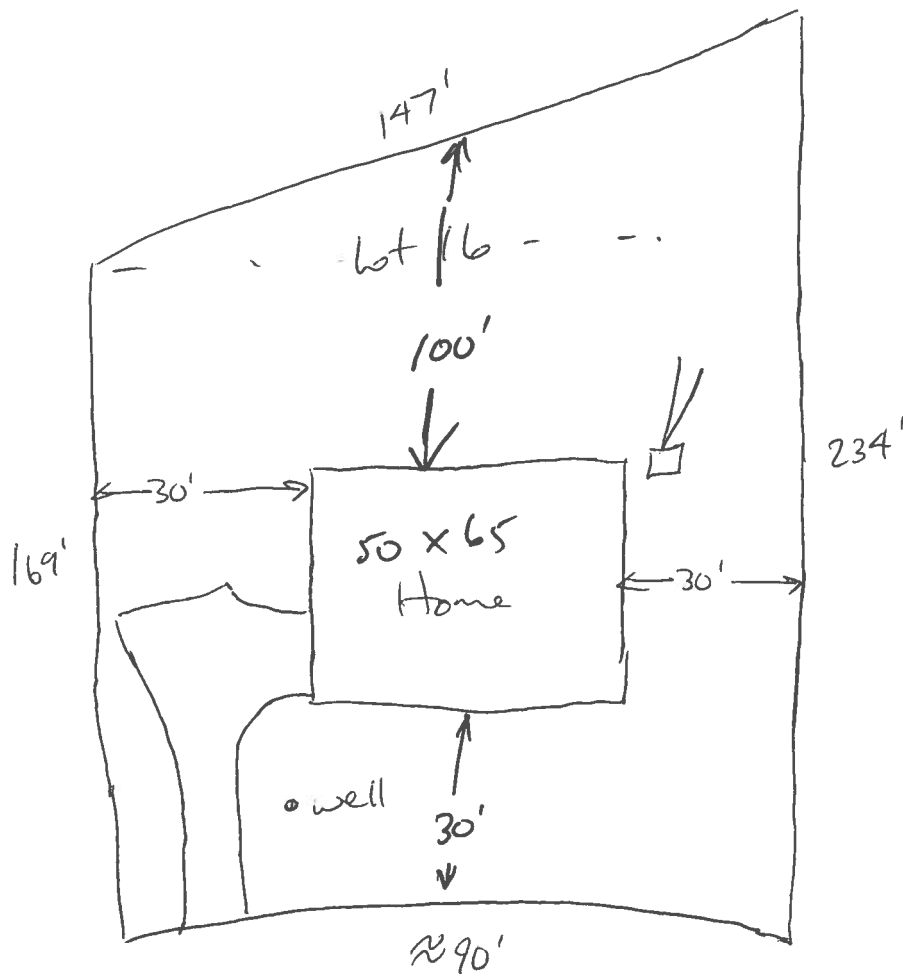
N/A

N/A

Proposed Plot Plan

"Cook" Residence

Lot 16 Arbor Greene @
Emerald Lakes Phase II



NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF Columbia

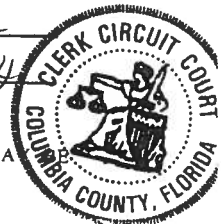
LOAN NO. 2003-1760

THE UNDERSIGNED HEREBY INFORMS ALL CONCERNED THAT IMPROVEMENTS WILL BE MADE TO CERTAIN REAL PROPERTY AND, IN ACCORDANCE WITH SECTION 713.13 OF THE FLORIDA STATUTES, THE FOLLOWING INFORMATION IS STATED IN THE NOTICE OF COMMENCEMENT. THIS NOTICE IS VOID AND OF NO FORCE AND EFFECT IF CONSTRUCTION IS NOT COMMENCED WITHIN (90) DAYS OF RECORDATION.

1. PROPERTY DESCRIPTION
 - A. Street Address or Location Description:
TBD NW Zack Drive
Lake City, FLORIDA 32055
 - B. Legal Description:
Lot 16, 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 IMPROVEMENTS:
CONSTRUCTION OF SINGLE FAMILY DWELLING
3. A. OWNER INFORMATION NAME AND ADDRESS:
Name: Alexis T. Cook
Address: TBD NW Zack Drive
Lake City, FLORIDA 32055
MAILING ADDRESS
Route 19, Box 1340
Lake City, FL 32025
B. OWNER'S INTEREST IN THE SITE OF IMPROVEMENT IS: FEE SIMPLE
C. NAME AND ADDRESS OF FEE SIMPLE TITLEHOLDER (IF OTHER THAN OWNER)
Name:
Address:
4. NAME AND ADDRESS OF CONTRACTOR:
Name: Bryan Zecher Construction
Address: PO Box 815
Lake City, FL 32056
Phone Number: _____ Fax Number: _____
5. SURETY (IF ANY):
Name:
Address:
Amount of Bond:
6. LENDER MAKING CONSTRUCTION LOAN:
Name: CNB NATIONAL BANK
Address: 187 SW BAYA DR., P.O. BOX 3239
LAKE CITY, FLORIDA 32025
7. PERSON DESIGNATED BY OWNER UPON WHOM NOTICES OR OTHER DOCUMENTS MAY BE SERVED AS PROVIDED BY SECTION 713.13 (1) (a) FLORIDA STATUTES:
Name:
Address:
Phone Number: _____ Fax Number: _____

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: M. K. K. Deputy Clerk
Date: March 3, 2004

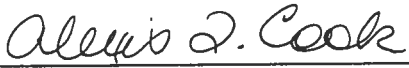


8. OWNER DESIGNATES THE FOLLOWING PERSON IN ADDITION TO HIMSELF TO RECEIVE A COPY OF THE LIENORS NOTICE AS PROVIDED IN SECTION 713.13 (1) (b), FLORIDA STATUTES:

Name: CNB NATIONAL BANK
Address: 187 SW BAYA DR., P.O. BOX 3239
LAKE CITY, FLORIDA 32025
Attn:

9. EXPIRATION DATE OF NOTICE OF COMMENCEMENT (THE EXPIRATION DATE IS 1 YEAR FROM THE DATE OF RECORDING UNLESS A DIFFERENT DATE IS SPECIFIED.)


WITNESS Terry McDavid


OWNER Alexis T. Cook


WITNESS Lisa C. Ogburn

OWNER

OWNER

OWNER

State of Florida

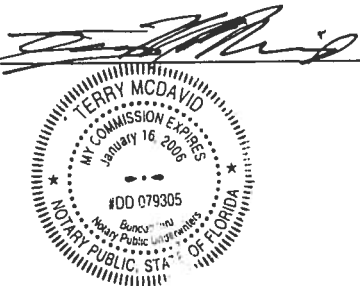
The following instrument was acknowledged before me this FEBRUARY 26, 2004
Alexis T. Cook

by

who is personally known to me or who has produced
who did take an oath.

as identification and

NOTARY PUBLIC
(Seal)



MY COMMISSION EXPIRES: _____

Columbia County Building Department Culvert Permit

Culvert Permit No.
000000248

DATE 03/25/2004 PARCEL ID # 28-3S-16-02372-616
APPLICANT BRYAN ZECHER PHONE 752-8653
ADDRESS P.O. BOX 815 LAKE CITY FL 32056
OWNER SCOTT & ALEXIS COOK PHONE _____
ADDRESS 861 NW ZACK DRIVE LAKE CITY FL 32055
CONTRACTOR BRYAN ZECHER PHONE 752-8653
LOCATION OF PROPERTY 90W, TR ON RON RAD, TL N WINDING PLCE, TL ON EMERALD LAKES DRIVE,
TL ON ZACK, 1ST ON RIGHT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT AR GREEN @ EM LAKES 16 2

SIGNATURE _____

INSTALLATION REQUIREMENTS

☒ X

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.

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Culvert installation shall conform to the approved site plan standards.

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Department of Transportation Permit installation approved standards.

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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



FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name: **402243CookRes.**
Address: **Lot: , Sub: Emerald Lakes, Plat:**
City, State: **Lake City, FL**
Owner: **Scott & Alexis Cook**
Climate Zone: **North**

Builder: **Bryan Zecher**
Permitting Office:
Permit Number: **21654**
Jurisdiction Number: **221000**

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 50.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 11.00
4. Number of Bedrooms	4	b. N/A	
5. Is this a worst case?	Yes	c. N/A	
6. Conditioned floor area (ft ²)	2209 ft ²		
7. Glass area & type		13. Heating systems	
a. Clear - single pane	0.0 ft ²	a. Electric Heat Pump	Cap: 50.0 kBtu/hr
b. Clear - double pane	342.0 ft ²		HSPF: 6.80
c. Tint/other SHGC - single pane	0.0 ft ²	b. N/A	
d. Tint/other SHGC - double pane	0.0 ft ²	c. N/A	
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=0.0, 279.0(p) ft	a. Electric Resistance	Cap: 40.0 gallons
b. N/A			EF: 0.89
c. N/A		b. N/A	
9. Wall types		c. Conservation credits	
a. Frame, Wood, Adjacent	R=13.0, 345.0 ft ²	(HR-Heat recovery, Solar	
b. Frame, Wood, Exterior	R=13.0, 1562.0 ft ²	DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits	
d. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
e. N/A		HF-Whole house fan,	
10. Ceiling types		PT-Programmable Thermostat,	
a. Under Attic	R=30.0, 2381.0 ft ²	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 260.0 ft		
b. N/A			

Glass/Floor Area: 0.15

Total as-built points: 33615
Total base points: 34106

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: 24 FEB 04

I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.

OWNER/AGENT: [Signature]

DATE: 3/3/04

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: Lot: , Sub: Emerald Lakes, Plat: , Lake City, FL,

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	2209.0	20.04	7968.3	Double, Clear	N	25.0	9.0	40.0	19.22	0.59	456.0						
				Double, Clear	W	9.5	7.0	30.0	36.99	0.47	516.4						
				Double, Clear	N	14.0	3.0	3.0	19.22	0.59	34.2						
				Double, Clear	W	14.5	9.0	53.0	36.99	0.44	854.2						
				Double, Clear	S	25.0	9.0	10.0	34.50	0.43	149.0						
				Double, Clear	W	1.5	7.5	20.0	36.99	0.95	702.1						
				Double, Clear	N	1.5	5.5	20.0	19.22	0.93	356.8						
				Double, Clear	E	1.5	10.0	36.0	40.22	0.98	1416.6						
				Double, Clear	E	1.5	3.5	8.0	40.22	0.78	249.6						
				Double, Clear	E	1.5	13.0	80.0	40.22	0.99	3198.1						
				Double, Clear	E	1.5	7.5	16.0	40.22	0.95	610.5						
				Double, Clear	E	8.0	8.0	14.0	40.22	0.52	291.6						
				Double, Clear	E	8.0	2.0	8.0	40.22	0.36	114.8						
				Double, Clear	S	1.5	1.5	4.0	34.50	0.52	71.8						
				As-Built Total:								342.0		9021.7			
				WALL TYPES Area X BSPM = Points				Type R-Value Area X SPM = Points									
				Adjacent	345.0	0.70	241.5	Frame, Wood, Adjacent			13.0	345.0		0.60	207.0		
Exterior	1562.0	1.70	2655.4	Frame, Wood, Exterior			13.0	1562.0		1.50	2343.0						
Base Total:				1907.0				2896.9				As-Built Total:		1907.0		2550.0	
DOOR TYPES Area X BSPM = Points				Type Area X SPM = Points													
Adjacent	20.0	2.40	48.0	Exterior Insulated				20.0		4.10	82.0						
Exterior	30.0	6.10	183.0	Adjacent Insulated				20.0		1.60	32.0						
				Exterior Insulated				10.0		4.10	41.0						
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	2209.0	1.73	3821.6	Under Attic			30.0	2381.0	1.73 X 1.00		4119.1						
Base Total:				2209.0				3821.6				As-Built Total:		2381.0		4119.1	
FLOOR TYPES Area X BSPM = Points				Type R-Value Area X SPM = Points													
Slab	279.0(p)	-37.0	-10323.0	Slab-On-Grade Edge Insulation			0.0	279.0(p)		-41.20	-11494.8						
Raised	0.0	0.00	0.0														
Base Total:				-10323.0				As-Built Total:				279.0		-11494.8			

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: Emerald Lakes, Plat: , Lake City, FL,

PERMIT #:

BASE				AS-BUILT						
INFILTRATION Area X BSPM = Points				Area X SPM = Points						
2209.0 10.21 22553.9				2209.0 10.21 22553.9						
Summer Base Points: 27148.7				Summer As-Built Points: 26904.9						
Total Summer Points	X	System Multiplier	= Cooling Points	Total Component	X	Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points
27148.7		0.4266	11581.6	26904.9 26904.9	1.000 1.00	(1.090 x 1.147 x 1.00)	0.310 1.250	0.310 0.310	1.000 1.000	10436.7 10436.7

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: Emerald Lakes, Plat: , Lake City, FL,

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	2209.0	12.74	5065.7	Double, Clear	N	25.0	9.0	40.0	14.30	1.03	587.8
				Double, Clear	W	9.5	7.0	30.0	10.77	1.20	386.4
				Double, Clear	N	14.0	3.0	3.0	14.30	1.03	44.1
				Double, Clear	W	14.5	9.0	53.0	10.77	1.21	690.5
				Double, Clear	S	25.0	9.0	10.0	4.03	3.66	147.5
				Double, Clear	W	1.5	7.5	20.0	10.77	1.01	218.2
				Double, Clear	N	1.5	5.5	20.0	14.30	1.00	286.9
				Double, Clear	E	1.5	10.0	36.0	9.09	1.01	331.4
				Double, Clear	E	1.5	3.5	8.0	9.09	1.09	79.5
				Double, Clear	E	1.5	13.0	80.0	9.09	1.01	732.5
				Double, Clear	E	1.5	7.5	16.0	9.09	1.02	148.8
				Double, Clear	E	8.0	8.0	14.0	9.09	1.29	163.6
				Double, Clear	E	8.0	2.0	8.0	9.09	1.51	109.6
				Double, Clear	S	1.5	1.5	4.0	4.03	2.73	44.0
				As-Built Total: 342.0 3971.0							
WALL TYPES Area X BWPM = Points				Type R-Value Area X WPM = Points							
Adjacent	345.0	3.60	1242.0	Frame, Wood, Adjacent			13.0	345.0	3.30		1138.5
Exterior	1562.0	3.70	5779.4	Frame, Wood, Exterior			13.0	1562.0	3.40		5310.8
Base Total: 1907.0 7021.4				As-Built Total: 1907.0 6449.3							
DOOR TYPES Area X BWPM = Points				Type Area X WPM = Points							
Adjacent	20.0	11.50	230.0	Exterior Insulated				20.0	8.40		168.0
Exterior	30.0	12.30	369.0	Adjacent Insulated				20.0	8.00		160.0
				Exterior Insulated				10.0	8.40		84.0
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	2209.0	2.05	4528.4	Under Attic			30.0	2381.0	2.05 X 1.00		4881.0
Base Total: 2209.0 4528.4				As-Built Total: 2381.0 4881.0							
FLOOR TYPES Area X BWPM = Points				Type R-Value Area X WPM = Points							
Slab	279.0(p)	8.9	2483.1	Slab-On-Grade Edge Insulation			0.0	279.0(p)	18.80		5245.2
Raised	0.0	0.00	0.0								
Base Total: 2483.1				As-Built Total: 279.0 5245.2							

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: Emerald Lakes, Plat: , Lake City, FL,

PERMIT #:

BASE				AS-BUILT					
INFILTRATION Area X BWPM = Points				Area X WPM = Points					
2209.0 -0.59 -1303.3				2209.0 -0.59 -1303.3					
Winter Base Points: 18394.3				Winter As-Built Points: 19655.3					
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)					
18394.3 0.6274 11540.6				19655.3 1.000 (1.069 x 1.169 x 1.00) 0.501 1.000 12317.3 19655.3 1.00 1.250 0.501 1.000 12317.3					

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: Emerald Lakes, Plat: , Lake City, FL,

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
4		2746.00		10984.0	40.0	0.89	4		1.00	2715.15
					As-Built Total:					10860.6

CODE COMPLIANCE STATUS									
BASE					AS-BUILT				
Cooling Points	+	Heating Points	+	Hot Water Points = Total Points	Cooling Points	+	Heating Points	+	Hot Water Points = Total Points
11582		11541		10984 34106	10437		12317		10861 33615

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: Emerald Lakes, Plat: , Lake City, FL,

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	606.1.ABC.1.1	Maximum: .3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Exterior & Adjacent Walls	606.1.ABC.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	
Floors	606.1.ABC.1.2.2	Penetrations/openings >1/8" sealed unless backed by truss or joint members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	
Ceilings	606.1.ABC.1.2.3	Between walls & ceilings; penetrations of ceiling plane of top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.	
Recessed Lighting Fixtures	606.1.ABC.1.2.4	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC rated with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	606.1.ABC.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	606.1.ABC.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

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

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

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 83.0

The higher the score, the more efficient the home.

Scott & Alexis Cook, Lot: , Sub: Emerald Lakes, Plat: , Lake City, FL,

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 50.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 11.00
4. Number of Bedrooms	4	b. N/A	
5. Is this a worst case?	Yes	c. N/A	
6. Conditioned floor area (ft ²)	2209 ft ²		
7. Glass area & type		13. Heating systems	
a. Clear - single pane	0.0 ft ²	a. Electric Heat Pump	Cap: 50.0 kBtu/hr
b. Clear - double pane	342.0 ft ²		HSPF: 6.80
c. Tint/other SHGC - single pane	0.0 ft ²	b. N/A	
d. Tint/other SHGC - double pane	0.0 ft ²	c. N/A	
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=0.0, 279.0(p) ft	a. Electric Resistance	Cap: 40.0 gallons
b. N/A			EF: 0.89
c. N/A		b. N/A	
9. Wall types		c. Conservation credits	
a. Frame, Wood, Adjacent	R=13.0, 345.0 ft ²	(HR-Heat recovery, Solar	
b. Frame, Wood, Exterior	R=13.0, 1562.0 ft ²	DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits	
d. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
e. N/A		HF-Whole house fan,	
10. Ceiling types		PT-Programmable Thermostat,	
a. Under Attic	R=30.0, 2381.0 ft ²	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 260.0 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: [Signature]

Date: 3/3/04

Address of New Home: 861 NW Zack Dr
Lake City, FL 32055

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 EnergyStarTM 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: FLR1PB v3.22)

COLUMBIA COUNTY OR 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-16-02372-616

Building permit No. 000021654

Use Classification SFD, UTILITY

Fire: 11.34

Permit Holder BRYAN ZECHER

Waste: 24.50

Owner of Building SCOTT & ALEXIS COOK

Total: 35.84

Location: 861 NW ZACK DRIVE, LAKE CITY, FL

Date: 08/02/2004

Harry Dieck

Building Inspector



POST IN A CONSPICUOUS PLACE
(Business Places Only)



FOUNDED 1949

CORPORATE HEADQUARTERS:

P.O. BOX 5389
116 N.W. 16TH AVENUE
GAINESVILLE, FL 32602-5389

(352) 376-2661
FAX (352) 376-2791

SCIENTIFIC PEST CONTROL DIRECTED BY GRADUATE ENTOMOLOGISTS

Complete Pest Control Service
Member Florida & National Pest Control Associations

Reply to: 536 SE Baya Dr
Lake City, FL 32025
Phone (386) 752-1703 Fax (386) 752-0171

10793

TERMITE TREATMENT CERTIFICATION

Owner:	Permit Number:
SCOTT COOK	21654
Lot:	Block:
16	
Subdivision:	Street Address:
EMERALD LAKES	861 NW ZACK DR
City:	County:
Lake City	Columbia
General Contractor:	Area Treated:
BRYAN ZECHER CONSTRUCTION	EXTERIOR OF FOUNDATION
Date:	Time:
07/30/04	3:30 PM
Name of applicator:	Applicator ID Number:
GARY BASS	JE113623
Product Used: Active Ingredient: % Concentration	Number of gallons used:
Dursban 1C: Chlorpyrifos: 0.5%	85
Method of termite prevention treatment: Soil Treatment	

The building has received a complete treatment for the prevention of subterranean termites. Treatment is in accordance with rules and laws established by the Florida Department of Agriculture and Consumer Services.

This form is proof of complete treatment for Certificate of Occupancy or Closing.

THIS IS PROOF OF WARRANTY

Warranty and Treatment Certifications Have Been Issued.

Authorized Signature: <i>Ruth Schmidt</i>	Date: <i>7-30-04</i>
--	-------------------------

BRANCHES:

• Crystal River • Daytona Beach • Ft. Walton Beach • Jacksonville South • Jacksonville West • Lake City • Milton • Ocala • Orlando • Palatka • Panama City • Pensacola • Starke • St. Augustine • Tallahassee • Winter Haven • Leesburg • Kissimmee •