

DATE 10/25/2004

**Columbia County Building Permit**

This Permit Expires One Year From the Date of Issue

**PERMIT****000022420**

APPLICANT BRYAN ZECHER PHONE 386.752.8653

ADDRESS POB 815 LAK CITY FL 32056

OWNER CHRIS & LIZ CONGDON PHONE 386.752.8653

ADDRESS 285 SW CYPRSSWOOD GLEN LAKE CITY FL 32025

CONTRACTOR BRYAN ZECHER PHONE \_\_\_\_\_

LOCATION OF PROPERTY 441-S TO C-349, TURN R TO MAGNOLIA PLACE, TURN L TO STOP  
SIGN, TURN R, @ STOP SIGN, JOB SITE IS ON RIGHT.

TYPE DEVELOPMENT SFD & UTILITY ESTIMATED COST OF CONSTRUCTION 100000.00

HEATED FLOOR AREA 2000.00 TOTAL AREA 3034.00 HEIGHT .00 STORIES \_\_\_\_\_

FOUNDATION CONC WALLS FRAMED ROOF PITCH 7'12 FLOOR CONC

LAND USE & ZONING A-3 MAX. HEIGHT 35

Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00

NO. EX.D.U. 0 FLOOD ZONE XPP DEVELOPMENT PERMIT NO. \_\_\_\_\_

PARCEL ID 27-5S-17-09415-118 SUBDIVISION MAGNOLIA PLACE

LOT 18 BLOCK \_\_\_\_\_ PHASE \_\_\_\_\_ UNIT \_\_\_\_\_ TOTAL ACRES \_\_\_\_\_

000000431 N CBC054575

Culvert Permit No. Culvert Waiver Contractor's License Number BLK Applicant/Owner/Contractor RTJ Y

18"X32"MITERED 04-0972-N LU & Zoning checked by \_\_\_\_\_ Approved for Issuance \_\_\_\_\_ New Resident \_\_\_\_\_

Driveway Connection Septic Tank Number

COMMENTS: NOC ON FILE1 FOOT ABOVE ROAD.Check # or Cash 1285**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 \$ 500.00 CERTIFICATION FEE \$ 15.17 SURCHARGE FEE \$ 15.17

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

FLOOD ZONE DEVELOPMENT FEE \$ \_\_\_\_\_ CULVERT FEE \$ 25.00 TOTAL FEE 605.34

INSPECTORS OFFICE \_\_\_\_\_ CLERKS OFFICE CN

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 # 0409-44 Date Received 9/29/04 By Gr Permit # 1431-22420  
 Application Approved by - Zoning Official BLK Date 21.10.04 Plans Examiner \_\_\_\_\_ Date \_\_\_\_\_  
 Flood Zone Xproplot Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3  
 Comments \_\_\_\_\_

Applicants Name Bryan Teicher Phone 752-8653  
 Address PO Box 815 Lake City, FL 32056  
 Owners Name Chris + Liz Congdon Phone \_\_\_\_\_  
 911 Address 285 SW Cypresswood Cir Lake City, FL 32025  
 Contractors Name Bryan Teicher Construction Inc Phone 752-8653  
 Address PO Box 815 Lake City, FL 32056  
 Fee Simple Owner Name & Address \_\_\_\_\_  
 Bonding Co. Name & Address \_\_\_\_\_  
 Architect/Engineer Name & Address Teena Ruff / Mark Disoway  
 Mortgage Lenders Name & Address 1<sup>st</sup> Federal  
 Property ID Number 27-55-17 09415-11B Proposed Estimated Cost of Construction 190,000  
 Subdivision Name Magnolia Place Lot 18 Block \_\_\_\_\_ Unit \_\_\_\_\_ Phase \_\_\_\_\_  
 Driving Directions 441<sup>st</sup> South to CR 349, T/R on 349 to  
Magnolia Place - T/L to stop sign, T/R @  
stop sign, job site on right  
 Type of Construction new home Number of Existing Dwellings on Property 0  
 Total Acreage 5 Lot Size \_\_\_\_\_ Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive  
 Actual Distance of Structure from Property Lines - Front 250' Side 120' Side 130' Rear 345'  
 Total Building Height 21'8" Number of Stories 1 Heated Floor Area 2000 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.

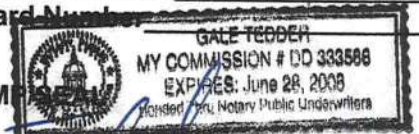
Owner Builder or Agent (Including Contractor) \_\_\_\_\_

STATE OF FLORIDA  
 COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me  
 this 29<sup>th</sup> day of Sept 2004.  
 Personally known ✓ or Produced Identification \_\_\_\_\_

Contractor Signature \_\_\_\_\_  
 Contractors License Number CBC054575  
 Competency Card Number \_\_\_\_\_

NOTARY STAMP



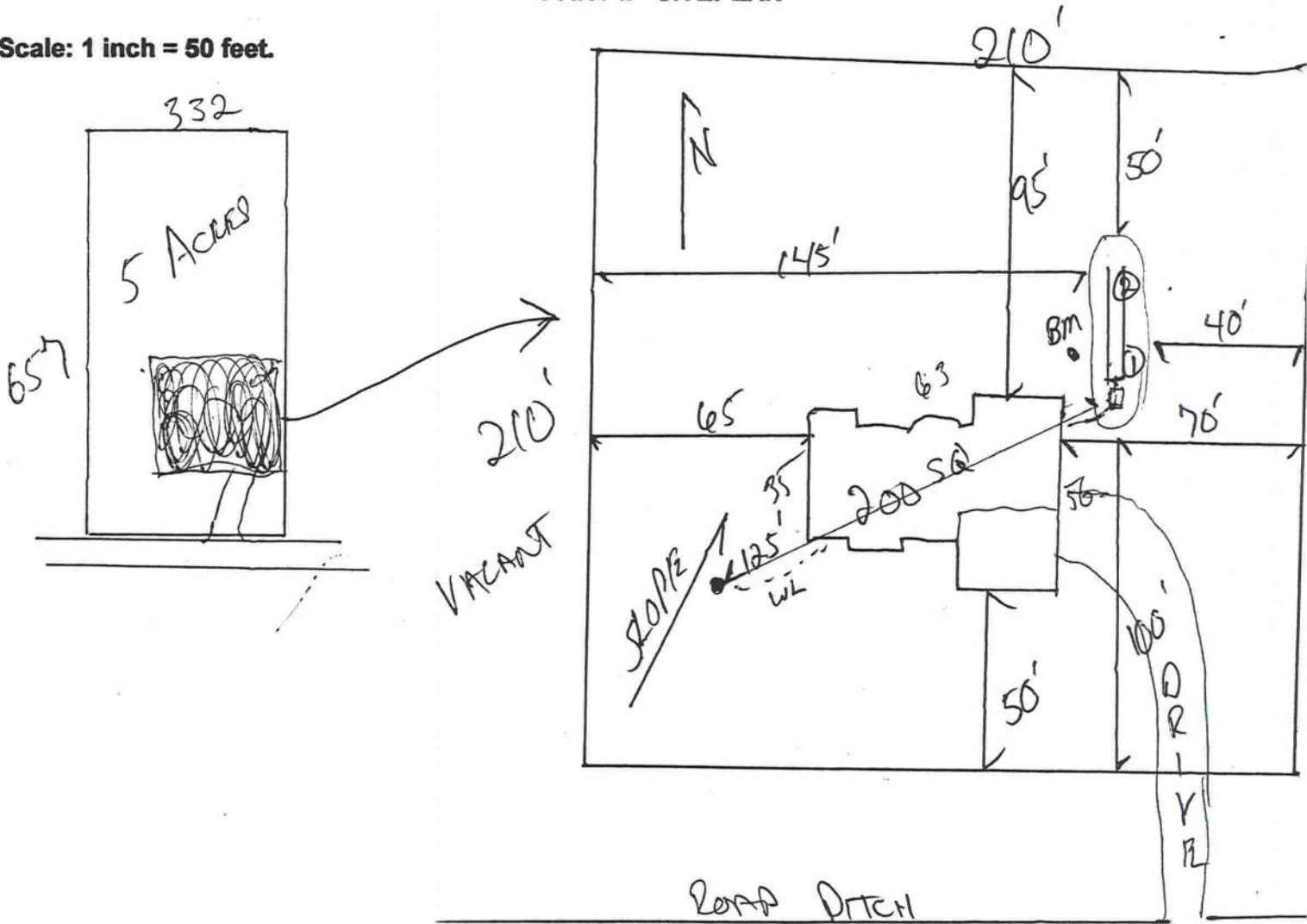
Notary Signature \_\_\_\_\_

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

Permit Application Number 04-09221

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

Scale: 1 inch = 50 feet.



Notes:

1 of 5 ACRES SW Cypresswood Glen

Site Plan submitted by:

Rocky D. F.

Plan Approved

Not Approved

By

John G. Gule

Date 10-4-04

C County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT



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:2004021781 Date:09/24/2004 Time:16:38  
DC, P. Dewitt Cason, Columbia County B:1026 P:1950

PERMIT NO. \_\_\_\_\_

TAX FOLIO NO. 09415-000 \_\_\_\_\_

### 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 18, MAGNOLIA PLACE, according to the map or plat thereof as recorded in Plat Book 7, pages 174-179, public records of Columbia County, Florida.
2. General description of improvement: **Construction of Dwelling**
3. Owner information:
  - a. Name and address: Christopher J. Congdon and Elizabeth R. Congdon, his wife  
5935 NW 38th Terrace, Gainesville, Florida 32653
  - 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 Zecker Construction  
717 W. Orange Street, Lake City, Florida 32055
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).

Christopher J. Congdon  
Borrower Name Christopher J. Congdon

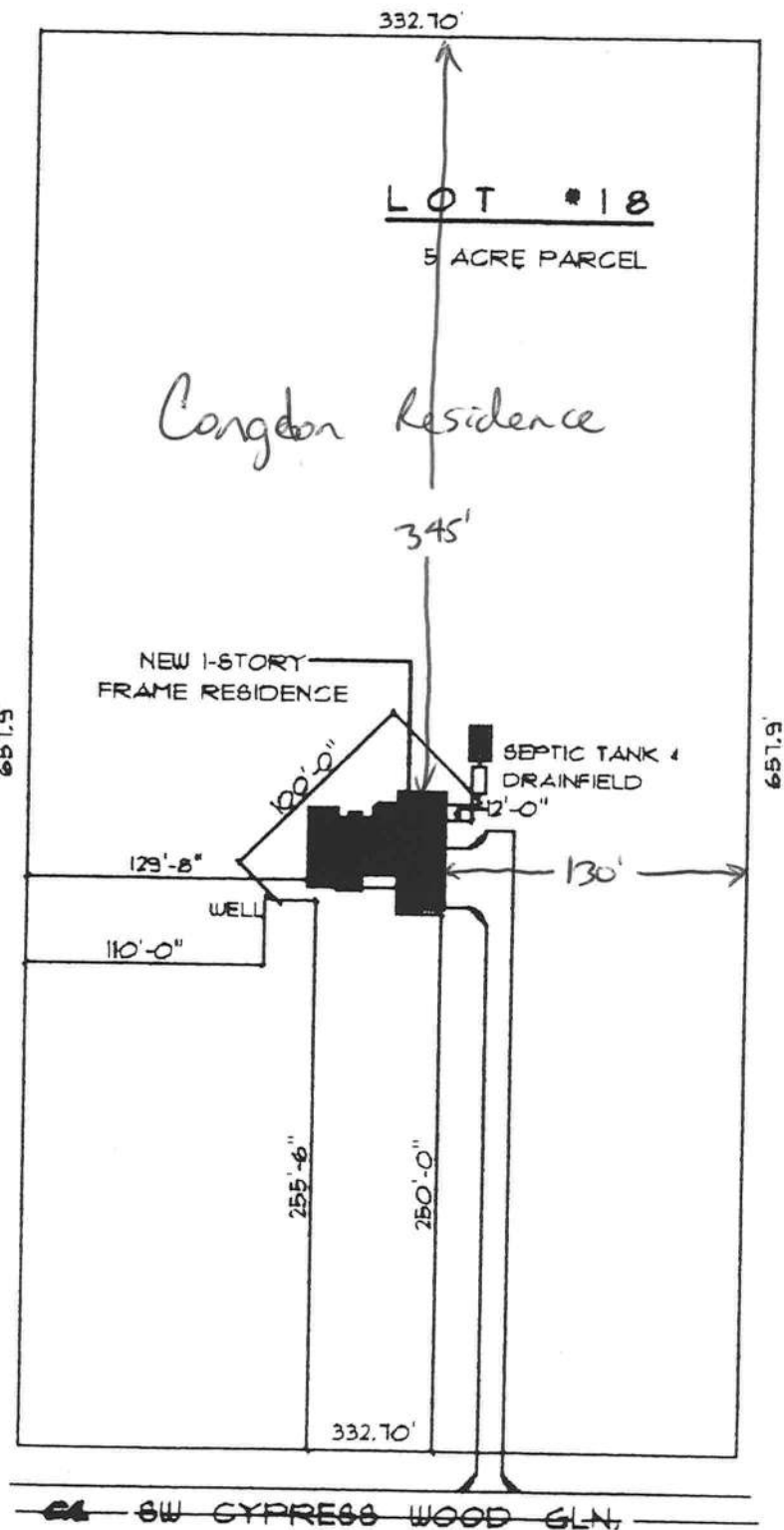
Elizabeth R. Congdon  
Co-Borrower Name Elizabeth R. Congdon

The foregoing instrument was acknowledged before me this 24th day of September, 2004, by Christopher J. and Elizabeth R. Congdon who is personally known to me or who has produced driver's license for identification.



Bonita Hadwin  
MY COMMISSION # DD230004 EXPIRES  
August 10, 2007  
BONDED THRU TROY FARM INSURANCE, INC.

Bonita Hadwin  
Notary Public  
My Commission Expires:



\* SITE PLAN \*

Magnolia Place off  
of CR 349



# FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs  
Residential Whole Building Performance Method A

|               |                   |                      |              |
|---------------|-------------------|----------------------|--------------|
| Project Name: | 409221CongdonRes. | Builder:             | Beyan Zecher |
| Address:      |                   | Permitting Office:   | caumba       |
| City, State:  | Ellisville, fl    | Permit Number:       | 22420        |
| Owner:        | Chris Congdon     | 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: 44.0 kBtu/hr |
| 3. Number of units, if multi-family | 1                       |  | SEER: 12.00       |
| 4. Number of Bedrooms               | 3                       | b. N/A                                 |                   |
| 5. Is this a worst case?            | Yes                     | c. N/A                                 |                   |
| 6. Conditioned floor area (ft²)     | 2000 ft²                |  |                   |
| 7. Glass area & type                | Single Pane Double Pane | 13. Heating systems                    |                   |
| a. Clear glass, default U-factor    | 0.0 ft² 321.0 ft²       | a. Electric Heat Pump                  | Cap: 44.0 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, 240.0(p) ft      | 14. Hot water systems                  |                   |
| b. N/A                              |                         | a. Electric Resistance                 | Cap: 40.0 gallons |
| c. N/A                              |                         |  | EF: 0.91          |
| 9. Wall types                       |                         | b. N/A                                 |                   |
| a. Frame, Wood, Exterior            | R=13.0, 1474.0 ft²      | c. Conservation credits                |                   |
| b. Frame, Wood, Adjacent            | R=13.0, 286.0 ft²       | (HR-Heat recovery, Solar               |                   |
| c. N/A                              |                         | DHP-Dedicated heat pump)               |                   |
| d. N/A                              |                         | 15. HVAC credits                       |                   |
| e. N/A                              |                         | (CF-Ceiling fan, CV-Cross ventilation, |                   |
| 10. Ceiling types                   |                         | HF-Whole house fan,                    |                   |
| a. Under Attic                      | R=30.0, 2000.0 ft²      | PT-Programmable Thermostat,            |                   |
| b. N/A                              |                         | MZ-C-Multizone cooling,                |                   |
| c. N/A                              |                         | MZ-H-Multizone heating)                |                   |
| 11. Ducts                           |                         |  |                   |
| a. Sup: Unc. Ret: Unc. AH: Garage   | Sup. R=6.0, 230.0 ft    |  |                   |
| b. N/A                              |                         |  |                   |

Glass/Floor Area: 0.16

Total as-built points: 29607

Total base points: 29667

**PASS**

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

**PREPARED BY:** Evan Beamsley**DATE:** 9/23/04

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

**OWNER/AGENT:** [Signature]**DATE:** 9/24/04

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

PERMIT #:

| BASE  |        |       |        | AS-BUILT   |    |      |     |      |       |      |        |
|---|--------|-------|--------|--|----|------|-----|------|-------|------|--------|
| GLASS TYPES<br>.18 X    Conditioned X BSPM = Points<br>Floor Area |        |       |        | Type/SC                      Overhang<br>Ornt    Len    Hgt    Area X SPM X SOF = Points |    |      |     |      |       |      |        |
| .18   | 2000.0 | 20.04 | 7214.4 | Double, Clear  | S  | 6.5  | 1.5 | 45.0 | 35.87 | 0.43 | 697.1  |
|   |        |       |        | Double, Clear  | W  | 99.0 | 8.0 | 10.0 | 38.52 | 0.37 | 144.3  |
|   |        |       |        | Double, Clear  | S  | 18.0 | 7.5 | 36.0 | 35.87 | 0.44 | 569.1  |
|   |        |       |        | Double, Clear  | E  | 99.0 | 8.0 | 10.0 | 42.06 | 0.36 | 150.1  |
|   |        |       |        | Double, Clear  | SE | 20.0 | 6.5 | 10.0 | 42.75 | 0.38 | 162.2  |
|   |        |       |        | Double, Clear  | S  | 1.5  | 6.5 | 20.0 | 35.87 | 0.88 | 629.0  |
|   |        |       |        | Double, Clear  | SW | 3.0  | 6.5 | 10.0 | 40.16 | 0.70 | 280.3  |
|   |        |       |        | Double, Clear  | E  | 1.5  | 8.5 | 10.0 | 42.06 | 0.96 | 405.8  |
|   |        |       |        | Double, Clear  | S  | 1.5  | 5.5 | 24.0 | 35.87 | 0.83 | 716.3  |
|   |        |       |        | Double, Clear  | W  | 1.5  | 6.5 | 30.0 | 38.52 | 0.93 | 1071.5 |
|   |        |       |        | Double, Clear  | W  | 1.5  | 5.5 | 10.0 | 38.52 | 0.90 | 345.5  |
|   |        |       |        | Double, Clear  | N  | 7.5  | 7.5 | 36.0 | 19.20 | 0.71 | 491.4  |
|   |        |       |        | Double, Clear  | N  | 0.0  | 0.0 | 20.0 | 19.20 | 1.00 | 384.0  |
|   |        |       |        | Double, Clear  | N  | 0.0  | 0.0 | 20.0 | 19.20 | 1.00 | 384.0  |
|   |        |       |        | Double, Clear  | N  | 1.5  | 6.5 | 30.0 | 19.20 | 0.95 | 545.7  |
|   |        |       |        | As-Built Total:  |    |      |     |      |       |      |        |



SUMMER CALCULATIONS  
Residential Whole Building Performance Method A - Details

ADDRESS: , Ellisville, fl,

PERMIT #:

| BASE  |  |  |  | AS-BUILT  |  |  |  |  |  |  |
|---|--|--|--|---|--|--|--|--|--|--|
| INFILTRATION    Area X BSPM = Points                              |  |  |  | Area X    SPM    =    Points  |  |  |  |  |  |  |
| 2000.0    10.21    20420.0  |  |  |  | 2000.0    10.21    20420.0  |  |  |  |  |  |  |
| Summer Base Points:    25273.4                                    |  |  |  | Summer As-Built Points:    23587.9  |  |  |  |  |  |  |
| Total Summer X System = Cooling<br>Points    Multiplier    Points |  |  |  | Total X Cap X Duct X System X Credit = Cooling<br>Component Ratio Multiplier Multiplier Multiplier Points<br>(DM x DSM x AHU) |  |  |  |  |  |  |
| 25273.4    0.4266    10781.6                                      |  |  |  | 23587.9    1.000 (1.090 x 1.147 x 1.00) 0.284    1.000    8387.5<br>23587.9    1.00    1.250    0.284    1.000    8387.5      |  |  |  |  |  |  |



WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , Ellisville, fl,

PERMIT #:

| BASE   |          |       |        | AS-BUILT   |    |      |      |          |             |      |        |
|--|----------|-------|--------|--|----|------|------|----------|-------------|------|--------|
| GLASS TYPES<br>.18 X Conditioned X BWPM = Points<br>Floor Area |          |       |        | Type/SC Overhang<br>Ornt Len Hgt Area X WPM X WOF = Points |    |      |      |          |             |      |        |
| .18  | 2000.0   | 12.74 | 4586.4 | Double, Clear  | S  | 6.5  | 1.5  | 45.0     | 13.30       | 3.66 | 2190.1 |
|  |          |       |        | Double, Clear  | W  | 99.0 | 8.0  | 10.0     | 20.73       | 1.24 | 256.6  |
|  |          |       |        | Double, Clear  | S  | 18.0 | 7.5  | 36.0     | 13.30       | 3.59 | 1718.1 |
|  |          |       |        | Double, Clear  | E  | 99.0 | 8.0  | 10.0     | 18.79       | 1.51 | 283.2  |
|  |          |       |        | Double, Clear  | SE | 20.0 | 6.5  | 10.0     | 14.71       | 2.65 | 389.7  |
|  |          |       |        | Double, Clear  | S  | 1.5  | 6.5  | 20.0     | 13.30       | 1.09 | 291.0  |
|  |          |       |        | Double, Clear  | SW | 3.0  | 6.5  | 10.0     | 16.74       | 1.21 | 202.6  |
|  |          |       |        | Double, Clear  | E  | 1.5  | 8.5  | 10.0     | 18.79       | 1.02 | 191.2  |
|  |          |       |        | Double, Clear  | S  | 1.5  | 5.5  | 24.0     | 13.30       | 1.15 | 366.1  |
|  |          |       |        | Double, Clear  | W  | 1.5  | 6.5  | 30.0     | 20.73       | 1.02 | 634.1  |
|  |          |       |        | Double, Clear  | W  | 1.5  | 5.5  | 10.0     | 20.73       | 1.03 | 213.1  |
|  |          |       |        | Double, Clear  | N  | 7.5  | 7.5  | 36.0     | 24.58       | 1.02 | 901.0  |
|  |          |       |        | Double, Clear  | N  | 0.0  | 0.0  | 20.0     | 24.58       | 1.00 | 491.6  |
|  |          |       |        | Double, Clear  | N  | 0.0  | 0.0  | 20.0     | 24.58       | 1.00 | 491.6  |
|  |          |       |        | Double, Clear  | N  | 1.5  | 6.5  | 30.0     | 24.58       | 1.00 | 738.8  |
|  |          |       |        | As-Built Total: 321.0 9358.5                               |    |      |      |          |             |      |        |
| WALL TYPES Area X BWPM = Points                                |          |       |        | Type R-Value Area X WPM = Points                           |    |      |      |          |             |      |        |
| Adjacent   | 286.0    | 3.60  | 1029.6 | Frame, Wood, Exterior                                      |    |      | 13.0 | 1474.0   | 3.40        |      | 5011.6 |
| Exterior   | 1474.0   | 3.70  | 5453.8 | Frame, Wood, Adjacent                                      |    |      | 13.0 | 286.0    | 3.30        |      | 943.8  |
| Base Total: 1760.0 6483.4                                      |          |       |        | As-Built Total: 1760.0 5955.4                              |    |      |      |          |             |      |        |
| DOOR TYPES Area X BWPM = Points                                |          |       |        | Type Area X WPM = Points                                   |    |      |      |          |             |      |        |
| Adjacent   | 20.0     | 11.50 | 230.0  | Exterior Insulated   |    |      |      | 30.0     | 8.40        |      | 252.0  |
| Exterior   | 50.0     | 12.30 | 615.0  | Exterior Insulated   |    |      |      | 20.0     | 8.40        |      | 168.0  |
|  |          |       |        | Adjacent Insulated   |    |      |      | 20.0     | 8.00        |      | 160.0  |
| Base Total: 70.0 845.0   |          |       |        | As-Built Total: 70.0 580.0                                 |    |      |      |          |             |      |        |
| CEILING TYPES Area X BWPM = Points                             |          |       |        | Type R-Value Area X WPM X WCM = Points                     |    |      |      |          |             |      |        |
| Under Attic  | 2000.0   | 2.05  | 4100.0 | Under Attic  |    |      | 30.0 | 2000.0   | 2.05 X 1.00 |      | 4100.0 |
| Base Total: 2000.0 4100.0                                      |          |       |        | As-Built Total: 2000.0 4100.0                              |    |      |      |          |             |      |        |
| FLOOR TYPES Area X BWPM = Points                               |          |       |        | Type R-Value Area X WPM = Points                           |    |      |      |          |             |      |        |
| Slab   | 240.0(p) | 8.9   | 2136.0 | Slab-On-Grade Edge Insulation                              |    |      | 0.0  | 240.0(p) | 18.80       |      | 4512.0 |
| Raised   | 0.0      | 0.00  | 0.0    |  |    |      |      |          |             |      |        |
| Base Total: 2136.0   |          |       |        | As-Built Total: 240.0 4512.0                               |    |      |      |          |             |      |        |

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , Ellisville, fl,

PERMIT #:

| BASE  |  |  |  | AS-BUILT  |  |  |  |  |  |  |
|---|--|--|--|---|--|--|--|--|--|--|
| INFILTRATION Area X BWPM = Points                           |  |  |  | Area X WPM = Points   |  |  |  |  |  |  |
| 2000.0 -0.59 -1180.0  |  |  |  | 2000.0 -0.59 -1180.0  |  |  |  |  |  |  |
| Winter Base Points: 16970.8                                 |  |  |  | Winter As-Built Points: 23325.9   |  |  |  |  |  |  |
| Total Winter X System = Heating<br>Points Multiplier Points |  |  |  | Total X Cap X Duct X System X Credit = Heating<br>Component Ratio Multiplier Multiplier Multiplier Points<br>(DM x DSM x AHU) |  |  |  |  |  |  |
| 16970.8 0.6274 10647.5                                      |  |  |  | 23325.9 1.000 (1.069 x 1.169 x 1.00) 0.455 1.000 13253.3<br>23325.9 1.00 1.250 0.455 1.000 13253.3                            |  |  |  |  |  |  |



WATER HEATING & CODE COMPLIANCE STATUS  
Residential Whole Building Performance Method A - Details

ADDRESS: , Ellisville, 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 |
| 3                  |   | 2746.00    | 8238.0  | 40.0            | 0.91 | 3                  |   | 1.00         | 2655.47 1.00 7966.4                    |
|                    |   |            |         | As-Built Total: |      |                    |   |              |  |
|                    |   |            |         | 7966.4          |      |                    |   |              |  |

| CODE COMPLIANCE STATUS |   |                |                                   |                |   |                |                                   |
|------------------------|---|----------------|-----------------------------------|----------------|---|----------------|-----------------------------------|
| BASE                   |   |                |                                   | AS-BUILT       |   |                |                                   |
| Cooling Points         | + | Heating Points | + Hot Water Points = Total Points | Cooling Points | + | Heating Points | + Hot Water Points = Total Points |
| 10782                  |   | 10647          | 8238 29667                        | 8388           |   | 13253          | 7966 29607                        |

PASS



# ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE\* = 83.0

The higher the score, the more efficient the home.

Chris Congdon, , Ellisville, fl,

|                                     |                         |  |                   |
|-------------------------------------|-------------------------|--|-------------------|
| 1. New construction or existing     | New                     | 12. Cooling systems                    |                   |
| 2. Single family or multi-family    | Single family           | a. Central Unit                        | Cap: 44.0 kBtu/hr |
| 3. Number of units, if multi-family | 1                       |  | SEER: 12.00       |
| 4. Number of Bedrooms               | 3                       | b. N/A                                 |                   |
| 5. Is this a worst case?            | Yes                     | c. N/A                                 |                   |
| 6. Conditioned floor area (ft²)     | 2000 ft²                |  |                   |
| 7. Glass area & type                | Single Pane Double Pane | 13. Heating systems                    |                   |
| a. Clear glass, default U-factor    | 0.0 ft² 321.0 ft²       | a. Electric Heat Pump                  | Cap: 44.0 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, 240.0(p) ft      | 14. Hot water systems                  |                   |
| b. N/A                              |                         | a. Electric Resistance                 | Cap: 40.0 gallons |
| c. N/A                              |                         |  | EF: 0.91          |
| 9. Wall types                       |                         | b. N/A                                 |                   |
| a. Frame, Wood, Exterior            | R=13.0, 1474.0 ft²      | c. Conservation credits                |                   |
| b. Frame, Wood, Adjacent            | R=13.0, 286.0 ft²       | (HR-Heat recovery, Solar               |                   |
| c. N/A                              |                         | DHP-Dedicated heat pump)               |                   |
| d. N/A                              |                         | 15. HVAC credits                       |                   |
| e. N/A                              |                         | (CF-Ceiling fan, CV-Cross ventilation, |                   |
| 10. Ceiling types                   |                         | HF-Whole house fan,                    |                   |
| a. Under Attic                      | R=30.0, 2000.0 ft²      | PT-Programmable Thermostat,            |                   |
| b. N/A                              |                         | MZ-C-Multizone cooling,                |                   |
| c. N/A                              |                         | MZ-H-Multizone heating)                |                   |
| 11. Ducts                           |                         |  |                   |
| a. Sup: Unc. Ret: Unc. AH: Garage   | Sup. R=6.0, 230.0 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: 9/29/14

Address of New Home: 285 SW Cypresswood Blvd

City/FL Zip: Lake City, FL 32625



*\*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](http://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)



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , Ellisville, 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.   | <input checked="" type="checkbox"/> |
| 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.<br>EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate. | <input checked="" type="checkbox"/> |
| Floors                        | 606.1.ABC.1.2.2 | Penetrations/openings >1/8" sealed unless backed by truss or joint members.<br>EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.  | <input checked="" type="checkbox"/> |
| 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.  | <input checked="" type="checkbox"/> |
| 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.   | <input checked="" type="checkbox"/> |
| Multi-story Houses            | 606.1.ABC.1.2.5 | Air barrier on perimeter of floor cavity between floors.  | <input checked="" type="checkbox"/> |
| Additional Infiltration reqts | 606.1.ABC.1.3   | Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.   | <input checked="" type="checkbox"/> |

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.  | <input checked="" type="checkbox"/> |
| 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%.   | <input checked="" type="checkbox"/> |
| Shower heads             | 612.1        | Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.   | <input checked="" type="checkbox"/> |
| 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. | <input checked="" type="checkbox"/> |
| HVAC Controls            | 607.1        | Separate readily accessible manual or automatic thermostat for each system.  | <input checked="" type="checkbox"/> |
| Insulation               | 604.1, 602.1 | Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides.<br>Common ceiling & floors R-11.  | <input checked="" type="checkbox"/> |

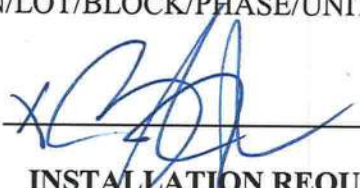
**Columbia County Building Department  
Culvert Permit**

**Culvert Permit No.  
000000431**

DATE 10/25/2004 PARCEL ID # 27-5S-17-09415-118  
APPLICANT BRYAN ZECHER PHONE 752.8653  
ADDRESS POB 815 LAKE CITY FL 32056  
OWNER CHRIS & LIZ CONGDON PHONE \_\_\_\_\_  
ADDRESS 285 SW CYPRESSWOOD GLEN LAK CITY FL 32025  
CONTRACTOR BRYAN ZECHER PHONE 386.752.8653  
LOCATION OF PROPERTY 441-S TO C-349 TURN R, ON C-349 TO MAGNOLIA PLACE, TURN L, TO STOP  
SIGN, TURN R, @ STOP SIGN, JOB SITE ON RIGHT.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT MAGNOLIA PLACE 18

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**





**CLERK OF  
CAMPBELL**

# 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 27-5S-17-09415-118

Building permit No. 000022420

Use Classification SFD & UTILITY

Fire: 22.68

Permit Holder BRYAN ZECHER

Waste: 49.00

Owner of Building CHRIS & LIZ CONGDON

Total: 71.68

Location: 285 SW CYPRESSWOOD GLEN(MAGNOLIA PLACE, LOT 18)

Date: 04/28/2005

Building Inspector

**POST IN A CONSPICUOUS PLACE**  
*(Business Places Only)*

