

DATE 02/03/2005

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000022777

APPLICANT LINDA RODER PHONE 752-2281
ADDRESS 387 SW KEMP COURT LAKE CITY FL 32024
OWNER DAVID BLANK PHONE 755-1982
ADDRESS 152 SW GROVELAND COURT LAKE CITY FL 32024
CONTRACTOR DAVID BLANKS PHONE 755-1982
LOCATION OF PROPERTY 247S, TL ON CALLAHAN, TL ON CALLAWAY DR., TL ON GROVELAND, 3RD LOT ON LEFT

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 92000.00
HEATED FLOOR AREA 1840.00 TOTAL AREA 2519.00 HEIGHT .00 STORIES 1
FOUNDATION CONC WALLS FRAMED ROOF PITCH 8/12 FLOOR SLAB
LAND USE & ZONING RSF-2 MAX. HEIGHT 22
Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00
NO. EX.D.U. 0 FLOOD ZONE X PP DEVELOPMENT PERMIT NO.

PARCEL ID 15-4S-16-03023-237 SUBDIVISION CALLAWAY
LOT 37 BLOCK PHASE 2 UNIT TOTAL ACRES .57

000000527 N CGC061733
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
CULVERT PERMIT 05-0086-N BK JH Y
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: ONE FOOT ABOVE THE ROAD, NOC ON FILE

Check # or Cash 1295

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

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

BUILDING PERMIT FEE \$ 460.00 CERTIFICATION FEE \$ 12.60 SURCHARGE FEE \$ 12.60
MISC. FEES \$.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ WASTE FEE \$
FLOOD ZONE DEVELOPMENT FEE \$ CULVERT FEE \$ 25.00 TOTAL FEE 560.20

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.

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0608-02 Date Received 4/1/05 By TW Permit # 521/22777
 Application Approved by - Zoning Official BLK Date 03.02.05 Plans Examiner JH Date 2-2-05
 Flood Zone Xperch Development Permit N/A Zoning RSF-2 Land Use Plan Map Category RES. Low DEN.
 Comments _____

Applicants Name Linda Roder Phone 386-752-2281
 Address 387 S.W. Kemp Ct. Lake City FL 32024
 Owners Name Southeast Developers Group Phone 386-755-1982
 911 Address 152 S.W. Groveland Ct. Lake City FL 32024
 Contractors Name David Blank Phone 755-1982
 Address 341 S.W. Ring Ct. Suite 102 Lake City FL 32025
 Fee Simple Owner Name & Address NA
 Bonding Co. Name & Address NA
 Architect/Engineer Name & Address Will Myers / Nick Geister
 Mortgage Lenders Name & Address People's State Bank
 Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
 Property ID Number 03023-237-15-45-17 Estimated Cost of Construction 120,000
 Subdivision Name Callaway Lot 37 Lot 37 Block _____ Unit _____ Phase 2
 Driving Directions Branford Hwy 247 to Callahan, go 1 on S.W. Callaway Dr. Go on Groveland Ct. 3rd Lot from corner on left
 Type of Construction Single Family Dwelling Number of Existing Dwellings on Property 0
 Total Acreage .570 Lot Size _____ Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive
 Actual Distance of Structure from Property Lines - Front 25'-50" Side 26'-6" Side 25'-8" Rear 92'-5"
 Total Building Height 22'-4" Number of Stories 1 Heated Floor Area 1840 Roof Pitch 8-12

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) Linda R. Roder

STATE OF FLORIDA
COUNTY OF COLUMBIA



Commission #DD303275
Expires: Mar 24, 2008
Bonded Thru
Atlantic Bonding Co., Inc.

Contractor Signature

Contractors License Number CGC061733

Competency Card Number _____

NOTARY STAMP/SEAL

Sworn to (or affirmed) and subscribed before me

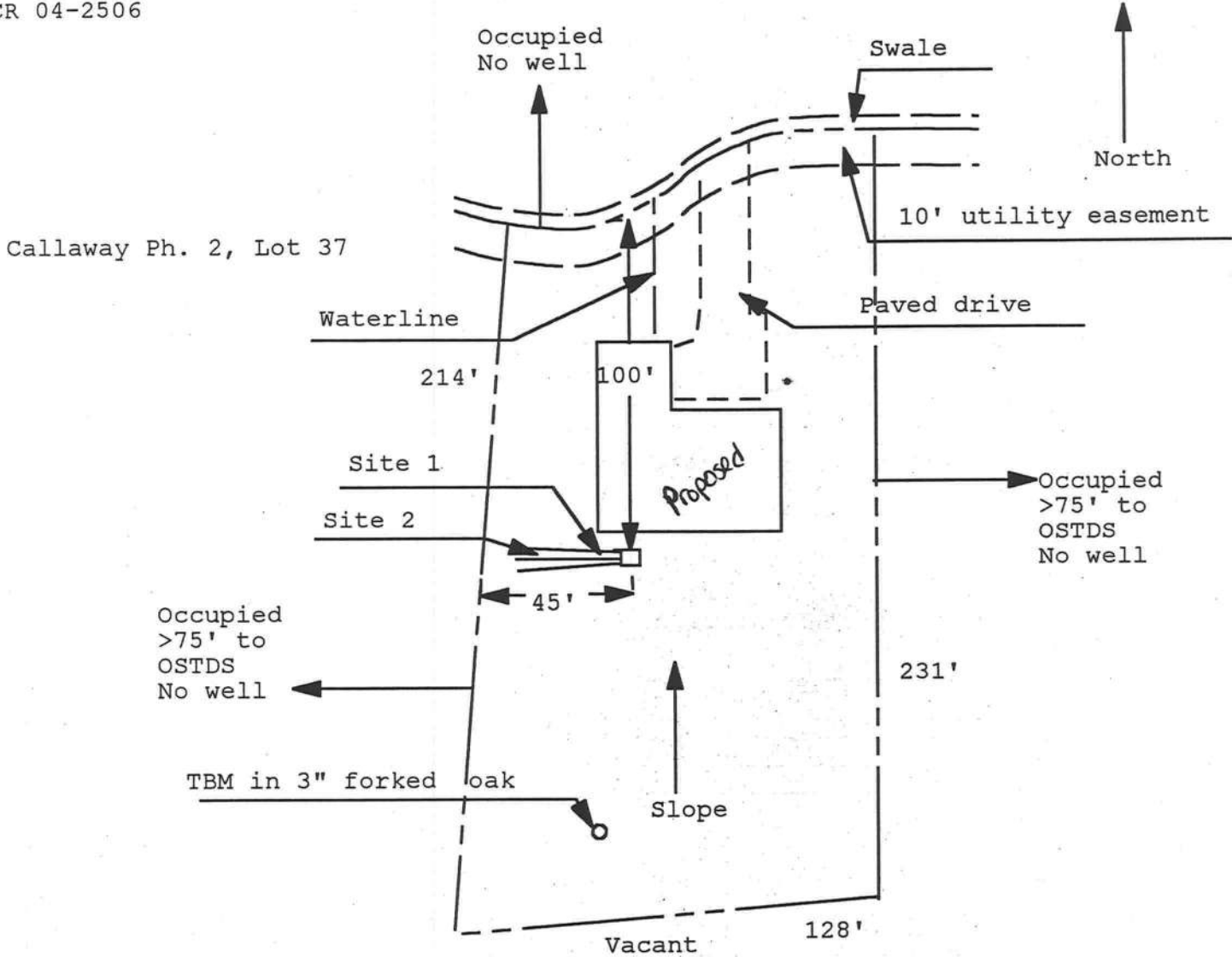
this 7 day of January 20 05

Personally known ✓ or Produced Identification _____

Notary Signature

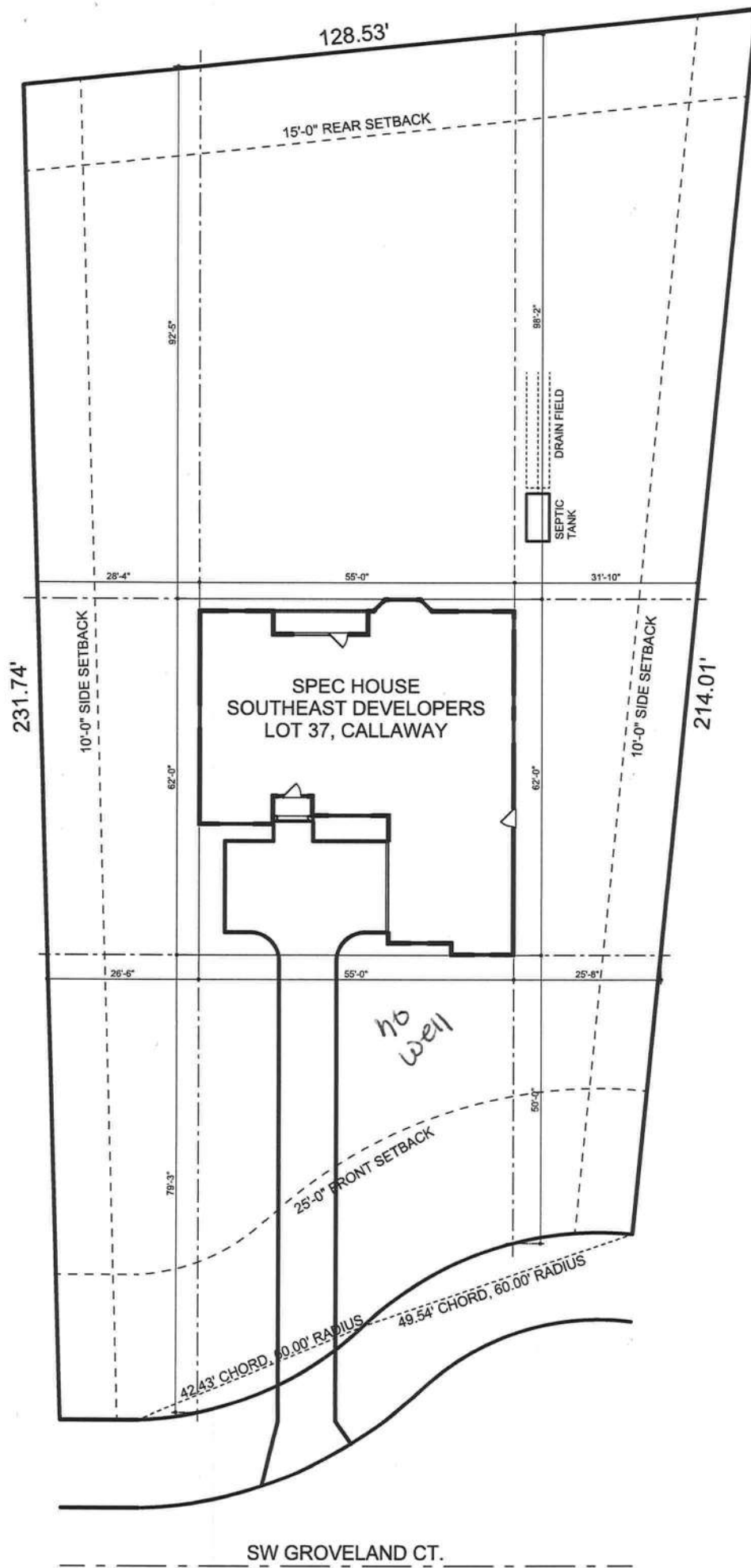
Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan
Permit Application Number: 05-0086-N
ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

SOUTHEAST DEVELOPERS
CR 04-2506



1 inch = 50 feet

Site Plan Submitted By Paul Lloyd Date 12/29/04
Plan Approved Paul Lloyd Not Approved _____ Date 12/29/04
By Paul Lloyd Lakshmi C CPHU 2-1-05
Notes: _____



THIS INSTRUMENT WAS PREPARED BY:

TERRY McDAVID 04-950
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

RETURN TO:

TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

Inst:2005001249 Date:01/19/2005 Time:15:17

Doc Stamp-Deed : 167.30

mk DC, P. Dewitt Cason, Columbia County B:1035 P:2368

Property Appraiser's
Identification Number R03023-237

WARRANTY DEED

This Warranty Deed, made this 15th day of January, 2005, BETWEEN JAMES E. BEAM and MARY THERESA BEAM, Husband and Wife whose post office address is 6508 Wilson Road, Friendship, MD 20758, of the State of Maryland, grantor*, and SOUTHEAST DEVELOPERS GROUP, INC., A Florida Corporation, whose post office address is 341 SW Ring Court, Suite 102, Lake City, FL 32025, of the County of Columbia, State of Florida, grantee*.

(Whenever used herein the terms "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations, trusts and trustees)

Witnesseth: that said grantor, for and in consideration of the sum of Ten Dollars (\$10.00), and other good and valuable considerations to said grantor in hand paid by said grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said grantee, and grantee's heirs and assigns forever, the following described land, situate, lying and being in Columbia County, Florida, to-wit:

Lot 37, CALLANAY PHASE TWO, a subdivision according to the plat thereof as recorded in Plat Book 7, Pages 70-71 of the public records of Columbia County, Florida.

Together with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

To Have and to Hold, the same in fee simple forever.

And subject to taxes for the current year and later years and all valid easements and restrictions of record, if any, which are not hereby reimposed; and also subject to any claim, right, title or interest arising from any recorded instrument reserving, conveying, leasing, or otherwise alienating any interest in the oil, gas and other minerals. And grantor does warrant the title to said land and will defend the same against the lawful claims of all persons whomsoever, subject only to the exceptions set forth herein.

In Witness Whereof, grantor has hereunto set grantor's hand and seal the day and year first above written.

Signed, sealed and delivered
in our presence:

Linda J. Horsmon
(Signature of First Witness)

LINDA J. HORSMON
(Typed Name of First Witness)

James E. Beam (SEAL)
Grantor
JAMES E. BEAM
Printed Name

WP Horsmon
(Signature of Second Witness)

WP Horsmon
(Typed Name of Second Witness)

Mary Theresa Beam (SEAL)
Grantor
MARY THERESA BEAM
Printed Name

STATE OF Maryland
COUNTY OF ANNAPRUNDIS

The foregoing instrument was acknowledged before me this 15th
day of JAN 2005 by JAMES E. BEAM and MARY THERESA BEAM, Husband and
Wife who is/are personally known to me or who has/have produced
as identification and who did not take an oath.

My Commission Expires: 05/01/05
(seal)

Linda J. Horsmon
Notary Public
Printed, typed, or stamped name:
LINDA J. HORSMON

Inst:2005001249 Date:01/19/2005 Time:16:17
Doc Stamp-Deed : 167.30

DC, P. Dewitt Cason, Columbia County B:1035-P:2369

Callaway Lot 37

COLUMBIA COUNTY BUILDING DEPARTMENT

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

ALL BUILDING PLANS MUST INDICATE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 1606 OF THE FLORIDA BUILDING CODE 2001 BY PROVIDING CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS. FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEED AS PER FIGURE 1606 SHALL BE USED.

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:

Applicant	Plans Examiner	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	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. <i>2519 sq ft</i>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Designers name and signature on document (FBC 104.2.1). If licensed architect or engineer, official seal shall be affixed. <i>Nicholas Paul Geisler</i>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Site Plan including: a) Dimensions of lot. <i>.570 LOT 37 CALLAWAY</i> 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. <i>Warranty Deed ATTACHED</i>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Wind-load Engineering Summary, calculations and any details required a) Plans or specifications must state compliance with FBC Section 1606 <i>by Nicholas Paul Geisler</i> b) The following information must be shown as per section 1606.1.7 FBC a. Basic wind speed (MPH) <i>110</i> b. Wind importance factor (I) and building category <i>1</i> c. Wind exposure - if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated <i>B</i> d. The applicable internal pressure coefficient <i>+/- 0.18</i> e. Components and Cladding. The design wind pressure in terms of psf (kN/m ²), to be used for the design of exterior component and cladding materials not specifically designed by the registered design professional
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Elevations including: a) All sides b) Roof pitch <i>8/12</i> c) Overhang dimensions and detail with attic ventilation <i>18" CONT Ridge vent "GAF"</i> d) Location, size and height above roof of chimneys e) Location and size of skylights f) Building height <i>22' 4" + FOUNDATION ELEVATION</i> g) Number of stories <i>1</i>

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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) *Door & window schedule ATTACHED*
- 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) *ONE BATH 2 B ROOM*

Foundation Plan including:

- a) Location of all load-bearing wall with required footings indicated as standard *12 x 20*
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 *see concrete/masonry notes*
- d) Location of any vertical steel

Roof System:

- a) Truss package including: *Denise Rutledge*
 - ✓1. Truss layout and truss details signed and sealed by Fl. Pro. Eng. *58752*
 - ✓2. Roof assembly (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating) *Alpine HIPP*
- 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 (termicide 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 *2x4 SP #2 STUDS 16" OC*
- ✓ 3. Sheathing size, type and nailing schedule *1/2" CDX*
- ✓ 4. Headers sized *SEE CHART ON PLANS*
- ✓ 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 (termicide or alternative method)
- ✓ 11. Slab on grade
 - ✓ a. Vapor retarder (6Mil. Polyethylene with joints lapped 6 inches and sealed *PER NOTE PLANS*)
 - ✓ 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 *R-30*
 - ✓ b. Exterior wall cavity *R-13 ?*
 - ✓ c. Crawl space (if applicable)

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 *BATH KIT GRADE 2 EXT*
- ✓ b) Ceiling fans
- ✓ c) Smoke detectors *4*
- ✓ d) Service panel and sub-panel size and location(s) *200 AMP*
- e) Meter location with type of service entrance (overhead or underground) ?
- f) Appliances and HVAC equipment

HVAC information

- a) Manual J sizing equipment or equivalent computation
- b) Exhaust fans in bathroom *2*

Energy Calculations (dimensions shall match plans) *1840⁵⁶ FT*

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
- b) Size of pressure tank
- c) Cycle stop valve if used

THIS INSTRUMENT WAS PREPARED BY:

TERRY MCDAVID 04-950
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

Inst:2005001251 Date:01/19/2005 Time:16:17

MK DC,P.Dewitt Cason,Columbia County B:1035 P:2379

PERMIT NO. _____

TAX FOLIO NO.: R03023-237NOTICE 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 37, CALLAWAY PHASE TWO, a subdivision according to the plat thereof recorded in Plat Book 7, Pages 70-71 of the public records of Columbia County, Florida.

2. General description of improvement: Construction of Dwelling

3. Owner information:

a. Name and address: SOUTHEAST DEVELOPERS GROUP, INC.,
341 SW Ring Court, Suite 102, 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: SOUTHEAST DEVELOPERS GROUP, INC.
341 SW Ring Court, Suite 102, Lake City, FL 32025

5. Surety n/a

a. Name and address:
b. Amount of bond:

6. Lender: PEOPLES STATE BANK
350 SW Main Blvd., Lake City, FL 32025

7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes: None

8. In addition to himself, Owner designates Peoples State Bank, 350 SW Main Blvd., Lake City, FL 32025 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).
January 17, 2006.

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. A. K. R. Cason
Deputy Clerk
Date: Jan 19, 2005

SOUTHEAST DEVELOPERS GROUP, INC.

By: JOSHUA A. NICKELSON
President

The foregoing instrument was acknowledged before me this 17th day of January, 2005, by JOSHUA A. NICKELSON, as President of SOUTHEAST DEVELOPERS GROUP, INC., who is personally known to me and who did not take an oath.



[Signature]
Notary Public
My commission expires: _____

FLORIDA ENERGY EFFICIENCY CODE
FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name: Southeast Develop Group - Lot 37 Callaway Spec
Address: Lot: 37, Sub: Callaway, Plat:
City, State: Lake City, FL 32025-
Owner: Spec House
Climate Zone: North
Builder: Southeast Developers Group
Permitting Office:
Permit Number: 22777
Jurisdiction Number: 221000

1. New construction or existing New
2. Single family or multi-family Single family
3. Number of units, if multi-family 1
4. Number of Bedrooms 3
5. Is this a worst case? No
6. Conditioned floor area (ft²) 1840 ft²
7. Glass area & type
a. Clear - single pane 0.0 ft²
b. Clear - double pane 278.5 ft²
c. Tint/other SHGC - single pane 0.0 ft²
d. Tint/other SHGC - double pane 0.0 ft²
8. Floor types
a. Slab-On-Grade Edge Insulation R=0.0, 207.0(p) ft
b. N/A
c. N/A
9. Wall types
a. Frame, Wood, Exterior R=13.0, 1208.0 ft²
b. Frame, Wood, Adjacent R=13.0, 182.0 ft²
c. N/A
d. N/A
e. N/A
10. Ceiling types
a. Under Attic R=30.0, 1956.0 ft²
b. N/A
c. N/A
11. Ducts
a. Sup: Unc. Ret: Unc. AH: Garage Sup. R=6.0, 45.0 ft
b. N/A
12. Cooling systems
a. Central Unit Cap: 42.0 kBtu/hr SEER: 11.00
b. N/A
c. N/A
13. Heating systems
a. Electric Heat Pump Cap: 42.0 kBtu/hr HSPF: 6.80
b. N/A
c. N/A
14. Hot water systems
a. Electric Resistance Cap: 50.0 gallons EF: 0.90
b. N/A
c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)
15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)

Glass/Floor Area: 0.15 Total as-built points: 27956 PASS
Total base points: 29141

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.
PREPARED BY: Will Myers
DATE: 12-15-04
I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.
OWNER/AGENT:
DATE:
Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes.
BUILDING OFFICIAL:
DATE:
GREAT SEAL OF THE STATE OF FLORIDA
IN GOD WE TRUST

SUMMER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 37, Sub: Callaway, Plat: , Lake City, FL, 32025-

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	1840.0	20.04	6637.2	Double, Clear	W	1.5	6.0	45.0	36.99	0.91	1520.2			
				Double, Clear	W	5.5	7.7	60.0	36.99	0.61	1364.0			
				Double, Clear	SW	1.5	6.0	10.0	38.46	0.89	340.4			
				Double, Clear	W	1.5	6.0	24.0	36.99	0.91	810.8			
				Double, Clear	NW	1.5	6.0	10.0	25.46	0.93	235.6			
				Double, Clear	N	1.5	6.0	20.0	19.22	0.94	360.8			
				Double, Clear	N	1.5	5.0	16.0	19.22	0.92	281.5			
				Double, Clear	E	1.5	7.0	37.5	40.22	0.94	1415.4			
				Double, Clear	E	6.3	9.7	22.0	40.22	0.64	563.2			
				Double, Clear	E	1.5	6.0	30.0	40.22	0.91	1101.4			
				Double, Clear	S	1.5	2.0	4.0	34.50	0.57	78.0			
				As-Built Total:								278.5	8071.3	
				WALL TYPES				Area X BSPM = Points		Type	R-Value	Area X SPM = Points		
				Adjacent	182.0	0.70	127.4	Frame, Wood, Exterior	13.0	1208.0	1.50	1812.0		
Exterior	1208.0	1.70	2053.6	Frame, Wood, Adjacent	13.0	182.0	0.60	109.2						
Base Total:				1390.0	2181.0	As-Built Total:		1390.0	1921.2					
DOOR TYPES				Area X BSPM = Points		Type	Area X SPM = Points							
Adjacent	20.0	2.40	48.0	Exterior Insulated	210.0	4.10	861.0							
Exterior	210.0	6.10	1281.0	Adjacent Insulated	20.0	1.60	32.0							
Base Total:				230.0	1329.0	As-Built Total:		230.0	893.0					
CEILING TYPES				Area X BSPM = Points		Type	R-Value	Area X SPM X SCM = Points						
Under Attic	1840.0	1.73	3183.2	Under Attic	30.0	1956.0	1.73 X 1.00	3383.9						
Base Total:				1840.0	3183.2	As-Built Total:		1956.0	3383.9					
FLOOR TYPES				Area X BSPM = Points		Type	R-Value	Area X SPM = Points						
Slab	207.0(p)	-37.0	-7659.0	Slab-On-Grade Edge Insulation	0.0	207.0(p)	-41.20	-8528.4						
Raised	0.0	0.00	0.0											
Base Total:				-7659.0	As-Built Total:		207.0	-8528.4						
INFILTRATION				Area X BSPM = Points		Area X SPM = Points								
				1840.0	10.21	18786.4	1840.0 10.21 18786.4							

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 37, Sub: Callaway, Plat: , Lake City, FL, 32025-

PERMIT #:

BASE				AS-BUILT							
Summer Base Points: 24457.8				Summer As-Built Points: 24527.4							
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	
24457.8		0.4266	10433.7	24527.4		1.00	(1.090 x 1.147 x 1.00)	0.310	1.000	9514.5	
				24527.4		1.00	1.250	0.310	1.000	9514.5	

WINTER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 37, Sub: Callaway, Plat: , Lake City, FL, 32025-

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	1840.0	12.74	4219.5	Double, Clear	W	1.5	6.0	45.0	10.77	1.02	495.8
				Double, Clear	W	5.5	7.7	60.0	10.77	1.13	729.5
				Double, Clear	SW	1.5	6.0	10.0	7.17	1.06	76.0
				Double, Clear	W	1.5	6.0	24.0	10.77	1.02	264.4
				Double, Clear	NW	1.5	6.0	10.0	14.03	1.00	140.7
				Double, Clear	N	1.5	6.0	20.0	14.30	1.00	286.8
				Double, Clear	N	1.5	5.0	16.0	14.30	1.00	229.7
				Double, Clear	E	1.5	7.0	37.5	9.09	1.03	350.0
				Double, Clear	E	6.3	9.7	22.0	9.09	1.18	235.5
				Double, Clear	E	1.5	6.0	30.0	9.09	1.04	282.4
				Double, Clear	S	1.5	2.0	4.0	4.03	2.27	36.5
				As-Built Total: 278.5 3127.4							
WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	182.0	3.60	655.2	Frame, Wood, Exterior	13.0		1208.0	3.40		4107.2	
Exterior	1208.0	3.70	4469.6	Frame, Wood, Adjacent	13.0		182.0	3.30		600.6	
Base Total: 1390.0 5124.8				As-Built Total: 1390.0 4707.8							
DOOR TYPES Area X BWPM = Points				Type	Area X WPM = Points						
Adjacent	20.0	11.50	230.0	Exterior Insulated	210.0 8.40 1764.0						
Exterior	210.0	12.30	2583.0	Adjacent Insulated	20.0 8.00 160.0						
Base Total: 230.0 2813.0				As-Built Total: 230.0 1924.0							
CEILING TYPES Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points				
Under Attic	1840.0	2.05	3772.0	Under Attic	30.0		1956.0	2.05 X 1.00		4009.8	
Base Total: 1840.0 3772.0				As-Built Total: 1956.0 4009.8							
FLOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Slab	207.0(p)	8.9	1842.3	Slab-On-Grade Edge Insulation	0.0		207.0(p)	18.80		3891.6	
Raised	0.0	0.00	0.0								
Base Total: 1842.3				As-Built Total: 207.0 3891.6							
INFILTRATION Area X BWPM = Points				Area X WPM = Points							
1840.0 -0.59 -1085.6				1840.0 -0.59 -1085.6							

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 37, Sub: Callaway, Plat: , Lake City, FL, 32025-

PERMIT #:

BASE				AS-BUILT						
Winter Base Points: 16686.0				Winter As-Built Points: 16575.0						
Total Winter Points	X	System Multiplier	= Heating Points	Total Component	X	Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
16686.0		0.6274	10468.8	16575.0		1.000	(1.069 x 1.169 x 1.00)	0.501	1.000	10387.0
				16575.0		1.00	1.250	0.501	1.000	10387.0

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

ADDRESS: Lot: 37, Sub: Callaway, Plat: , Lake City, FL, 32025-

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 = Total Multiplier
3		2746.00	8238.0	50.0	0.90	3	1.00	2684.98	1.00 8054.9
				As-Built Total:					8054.9

CODE COMPLIANCE STATUS							
BASE				AS-BUILT			
Cooling Points	+	Heating Points	+ Hot Water Points = Total Points	Cooling Points	+	Heating Points	+ Hot Water Points = Total Points
10434		10469	8238 29141	9514		10387	8055 27956

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 37, Sub: Callaway, Plat: , Lake City, FL, 32025-

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* = 82.2

The higher the score, the more efficient the home.

Spec House, Lot: 37, Sub: Callaway, Plat: , Lake City, FL, 32025-

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 42.0 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?	No	c. N/A	
6. Conditioned floor area (ft ²)	1840 ft ²		
7. Glass area & type		13. Heating systems	
a. Clear - single pane	0.0 ft ²	a. Electric Heat Pump	Cap: 42.0 kBtu/hr
b. Clear - double pane	278.5 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, 207.0(p) ft	a. Electric Resistance	Cap: 50.0 gallons
b. N/A			EF: 0.90
c. N/A		b. N/A	
9. Wall types		c. Conservation credits	
a. Frame, Wood, Exterior	R=13.0, 1208.0 ft ²	(HR-Heat recovery, Solar	
b. Frame, Wood, Adjacent	R=13.0, 182.0 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, 1956.0 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, 45.0 ft		
b. N/A			

I certify that this home has complied with the Florida Energy Efficiency Code For Building Construction through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL Display Card will be completed based on installed Code compliant features.

Builder Signature: _____ Date: _____

Address of New Home: _____ City/FL Zip: _____




**NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE 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.*

Energy Gauge[®] Version: FLR1PB v3.22)

**Columbia County Building Department
Culvert Permit**

**Culvert Permit No.
000000527**

DATE 02/03/2005 PARCEL ID # 15-4S-16-03023-237
APPLICANT LINDA RODER PHONE 752-2281
ADDRESS 387 SW KEMP COURT LAKE CITY FL 32024
OWNER SOUTHEAST DEVELOPERS GROUP PHONE 755-1982
ADDRESS 152 SW GROVELAND COURT LAKE CITY FL 32024
CONTRACTOR DAVID BLANK PHONE 755-1982
LOCATION OF PROPERTY 247S, TL ON CALLAHAN, TL ON CALLAWAY DRIVE, TL ON GROVELAND,
3RD LOT ON LEFT
SUBDIVISION/LOT/BLOCK/PHASE/UNIT CALLAWAY 37
SIGNATURE 

INSTALLATION REQUIREMENTS



Culvert size will be 18 inches in diameter with a total length of 32 feet, leaving 24 feet of driving surface. Both ends will be mitered 4 foot with a 4 : 1 slope and poured with a 4 inch thick reinforced concrete slab.

INSTALLATION NOTE: Turnouts will be required as follows:

- a) a majority of the current and existing driveway turnouts are paved, or;
- b) the driveway to be served will be paved or formed with concrete.

Turnouts shall be concrete or paved a minimum of 12 feet wide or the width of the concrete or paved driveway, whichever is greater. The width shall conform to the current and existing paved or concreted turnouts.



Culvert installation shall conform to the approved site plan standards.



Department of Transportation Permit installation approved standards.



Other _____

ALL PROPER SAFETY REQUIREMENTS SHOULD BE FOLLOWED
DURING THE INSTALATION OF THE CULVERT.

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

Amount Paid 25.00



COLUMBIA COUNTY OF FLORIDA

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 15-4S-16-03023-237

Building permit No. 000022777

Use Classification SFD, UTILITY

Fire: 5.67

Permit Holder DAVID BLANK

Waste: 12.25

Owner of Building DAVID BLANK

Total: 17.92

Location: 152 SW GROVELAND CT, CALLAWAY, LOT 37

Date: 08/09/2005

Tony Dicks

Building Inspector



POST IN A CONSPICUOUS PLACE
(Business Places Only)