

DATE11/29/2004

Columbia County Building Permit

PERMIT000022541

This Permit Expires One Year From the Date of Issue

APPLICANTMACK ROBINSON

PHONE386-755-2492

ADDRESS24262US HWY 129

O'BRIENFL32071

OWNERNICK & ANGELEA STEINRUCK

PHONE386-961-9020

ADDRESS427SW SHORT LEAF DR

LAKE CITYFL32024

CONTRACTORMACK ROBINSON

PHONE755-2492

LOCATION OF PROPERTY247 S, LEFT INTO FOREST COUNTRY, RIGHT ON LONG LEAF ON THE

CORNER OF LONGLEAF AND SHORTLEAF

TYPE DEVELOPMENTSFD,UTILITY

ESTIMATED COST OF CONSTRUCTION107900.00

HEATED FLOOR AREA2158.00

TOTAL AREA2418.00

HEIGHT21.20

STORIES1

FOUNDATIONCONCRETE

WALLSFRAMED

ROOF PITCH6/12

FLOORSLAB

LAND USE & ZONINGRSF-2

MAX. HEIGHT35

Minimum Set Back Requirments:

STREET-FRONT25.00

REAR15.00

SIDE10.00

NO. EX.D.U.0

FLOOD ZONEX

DEVELOPMENT PERMIT NO.

PARCEL ID21-4S-16-03080-009

SUBDIVISIONFOREST COUNTRY

LOT1

BLOCKB

PHASE2

UNIT

TOTAL ACRES.76

000000462

N

RB0054287

Mack Robinson

Culvert Permit No.

Culvert Waiver

Contractor's License Number

Applicant/Owner/Contractor

PERMIT04-1065-N

BK

JK

N

Driveway Connection

Septic Tank Number

LU & Zoning checked by

Approved for Issuance

New Resident

COMMENTS: NOC ON FILE

FLOOR 1 FOOT ABOVE THE ROAD

Check # or Cash7611

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 \$540.00

CERTIFICATION FEE \$12.09

SURCHARGE FEE \$12.09

MISC. FEES \$.00

ZONING CERT. FEE \$50.00

FIRE FEE \$

WASTE FEE \$

FLOOD ZONE DEVELOPMENT FEE \$

CULVERT FEE \$25.00

TOTAL FEE639.18

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 INCONVIENCE, 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 # 0411-3P Date Received 11-10-04 By LH Permit # 462/22541
Application Approved by - Zoning Official BLK Date 19.11.04 Plans Examiner _____ Date _____
Flood Zone X Development Permit N/A Zoning RSF-2 Land Use Plan Map Category Res. Low Dev.
Comments _____

Applicants Name Mack Robinson Phone 386 755-2492
Address 24262 US Highway 129 O'Brien FL 32071
Owners Name Thick & Angela Steinruck Phone 386-961 9020
911 Address 427 SW Short Leaf Dr. FL 32024
Contractors Name Mack Robinson Phone 386 755 2492
Address 24262 US Highway 129 O'Brien FL 32071
Fee Simple Owner Name & Address _____
Bonding Co. Name & Address _____
Architect/Engineer Name & Address _____
Mortgage Lenders Name & Address _____

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
Property ID Number 21-45-16-03080-009 Estimated Cost of Construction \$138,000.00
Subdivision Name Forest Country Lot 1 Block 6 Unit _____ Phase 2
Driving Directions go south on Branford HW turn left Forest Country
go to stop sign turn consent Right it will be last lot on left short cut

Type of Construction residential Number of Existing Dwellings on Property none
Total Acreage .76 Lot Size 34 acre Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
Actual Distance of Structure from Property Lines - Front 60 Side 45 Side 65 Rear 47
Total Building Height 21.2' Number of Stories 1 Heated Floor Area 2158 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.

Mack Robinson
Owner/Builder or Agent (Including Contractor)

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
this _____ day of _____ 20____.
Personally known _____ or Produced Identification _____

Contractor Signature _____
Contractors License Number _____
Competency Card Number _____
NOTARY STAMP/SEAL

Notary Signature

CAM112M01 S CamaUSA Appraisal System
11/10/2004 10:33 Legal Description Maintenance
Year T Property Sel
2005 R 21-4S-16-03080-009

Columbia County
20000 Land 001 *
AG 000
Bldg 000
Xfea 000
20000 TOTAL B*

STEINRUCK NICK A & ANGELIA C

1	LOT 1 BLOCK B FOREST COUNTRY	SECOND ADDITION.. ORB 707-816,,	2
3	WD 1014-1382..		4
5			6
7			8
9			10
11			12
13			14
15			16
17			18
19			20
21			22
23			24
25			26
27			28

Mnt 5/12/2004 KYLIE

F1=Task F3=Exit F4=Prompt F10=GoTo PGUP/PGDN F24=MoreKeys

COLUMBIA COUNTY 9-1-1 ADDRESSING

263 NW Lake City Ave. * P. O. Box 2949 * Lake City, FL 32056-2949
PHONE: (386) 752-8787 * FAX: (386) 758-1365 * Email: ron_croft@columbiacountyfla.com

Addressing Maintenance

To maintain the Countywide addressing Policy you must make application for a 9-1-1 Address at the time you apply for a building permit. The established standards for assigning and posting numbers to all principal buildings, dwellings, businesses and industries are contained in Columbia County Ordinance 2001-9. The addressing system is to enable Emergency Service Agencies to locate you in an emergency, and to assist the United States Postal Service and the public in the timely and efficient provision of services to residents and businesses of Columbia County.

DATE ISSUED: October 25, 2004

ENHANCED 9-1-1 ADDRESS:

427 SW SHORT LEAF DR (LAKE CITY, FL 32024)

Addressed Location 911 Phone Number: NOT AVAIL.

OCCUPANT NAME: NOT AVAIL.

OCCUPANT CURRENT MAILING ADDRESS: _____

PROPERTY APPRAISER MAP SHEET NUMBER: 46C

PROPERTY APPRAISER PARCEL NUMBER: 03-55-17-09101-003- ²¹⁻⁴⁵⁻¹⁶⁻⁰³⁰⁸⁰⁻⁰⁰⁹

Other Contact Phone Number (If any): _____

Building Permit Number (If known): _____

Remarks: LOT 1 BLOCK B FOREST COUNTRY SECOND ADDITION S/D

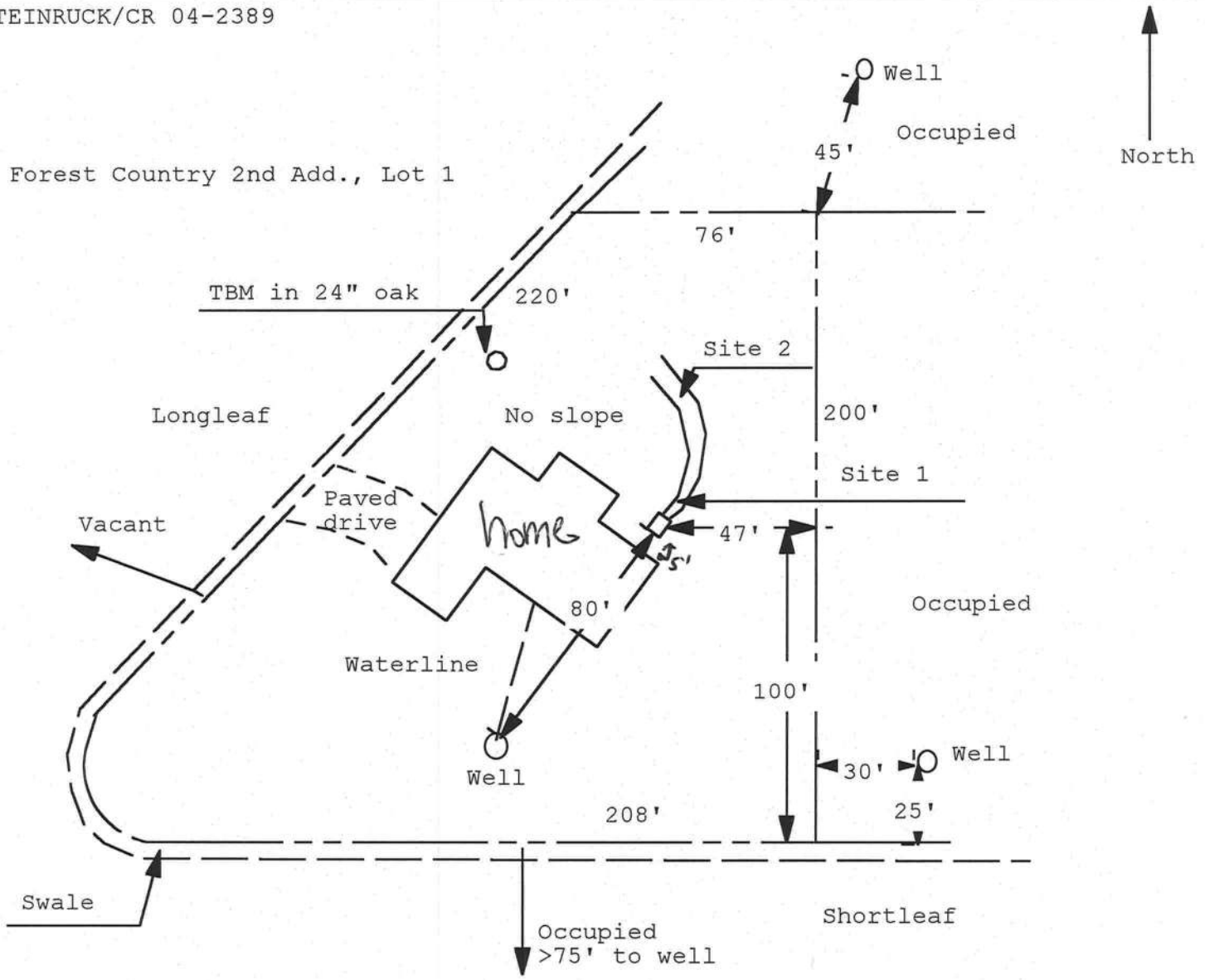
Address Issued By: _____

Columbia County 9-1-1 Addressing Department

Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan
Permit Application Number: 04-106511

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

STEINRUCK/CR 04-2389



1 inch = 50 feet

Site Plan Submitted By Paul Lloyd Date 10/27/04
Plan Approved Not Approved Date 10/29/04
By Paul Lloyd Sallie Haddy CPHU
Notes: EST-COLUMBIA

**Columbia County Building Department
Culvert Permit**

**Culvert Permit No.
000000462**

DATE 11/29/2004 PARCEL ID # 21-4S-16-03080-009
APPLICANT MACK ROBINSON PHONE 386-755-2492
ADDRESS 24262 US HWY 129 O'BRIEN FL 32071
OWNER NICK & ANGELEA STEINRUCK PHONE 386-961-9020
ADDRESS 427 SW SHORT LEAF DR LAKE CITY FL 32024
CONTRACTOR MACK ROBINSON PHONE 386-755-2492
LOCATION OF PROPERTY S 247, L INTO FOREST COUNTRY, R LONG LEAF, LAST LOT ON LEFT ON
CORNER LOT OF SHORTLEAF AND LONGLEAF

SUBDIVISION/LOT/BLOCK/PHASE/UNIT FOREST COUNTRY 1 B 2

SIGNATURE *Mack Robinson*

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 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



REC'D 11-16-04
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:2004025221 Date:11/10/2004 Time:15:09
HKK DC, P. DeWitt Cason, Columbia County B:1030 P:1005

Return To:
Eddie Anderson

PERMIT NO. _____

TAX FOLIO NO. _____

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF COLUMBIA

The undersigned hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

1. Description of property: Lot 1, Block B, Forest Country Second Addition
a subdivision according to the plat thereof, recorded at Plat Book 5,
page 45, public records of Columbia County, Florida.
2. General description of improvement: Construction of Dwelling
3. Owner information:
 - a. Name and address: Nick A. Steinruck and Angelia C. Steinruck
Post Office Box 602, Lake City, Florida 32056
 - 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): Mack Robinson Construction Company
Route 14, Box 24355, Lake City, Florida 32024
5. Surety:
 - a. Name and address: N/A
 - 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).

STATE OF FLORIDA, COUNTY OF COLUMBIA
I HEREBY CERTIFY, that the above and foregoing
is a true copy of the original filed in this office
P. DeWITT CASON, CLERK OF COURTS

By Paul R Harder
Deputy Clerk

Date Nov. 10, 2004

The foregoing instrument was acknowledged before me this 10th day of November,
2004, by Angelia & Nick Steinruck, who is personally known to me or who
has produced driver's license for identification.



Andree L. Walden
My Commission DD260301
Expires October 21, 2007

Nick A. Steinruck
Borrower Name NICK A. STEINRUCK

Angelia C. Steinruck
Co-Borrower Name ANGELIA C. STEINRUCK

Andree L. Walden
Notary Public
My Commission Expires:

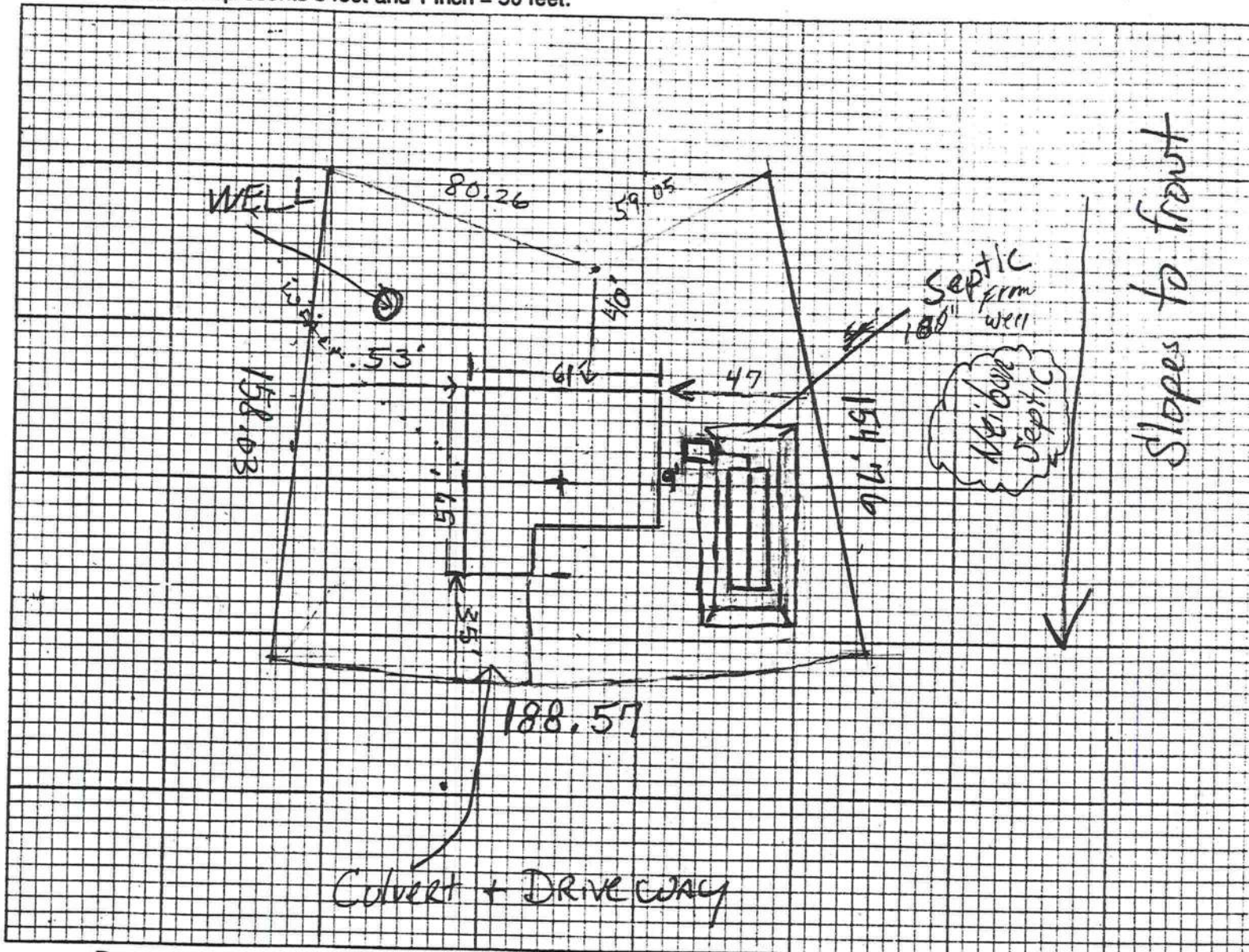


0411-38



PART II - SITE PLAN

Scale: Each block represents 5 feet and 1 inch = 50 feet.



Notes: Distance to well from Septic A good 100'

Site Plan submitted by:

Donald Davis

Signature

Owner

Title

Plan Approved

Not Approved

Date 10-8-04

By

[Signature]

Columbia

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

FLORIDA ENERGY EFFICIENCY CODE
FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A


Project Name:	Steinruck Residence	Builder:	Mack Robinson
Address:	Shortleaf St	Permitting Office:	Columbia Co
City, State:	Lake City, FL 32055-	Permit Number:	22541
Owner:	Steinruck	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: 35.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 10.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	No	c. N/A	
6. Conditioned floor area (ft²)	2158 ft²		
7. Glass area & type	Single Pane Double Pane	13. Heating systems	
a. Clear glass, default U-factor	0.0 ft² 228.0 ft²	a. Electric Heat Pump	Cap: 35.0 kBtu/hr
b. Default tint	0.0 ft² 0.0 ft²		HSPF: 7.90
c. Labeled U 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, 243.0(p) ft	14. Hot water systems	
b. N/A		a. Electric Resistance	Cap: 30.0 gallons
c. N/A			EF: 0.90
9. Wall types		b. N/A	
a. Frame, Wood, Exterior	R=11.0, 1674.0 ft²	c. Conservation credits	
b. N/A		(HR-Heat recovery, Solar	
c. N/A		DHP-Dedicated heat pump)	
d. N/A		15. HVAC credits	PT, CF,
e. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
10. Ceiling types		HF-Whole house fan,	
a. Under Attic	R=30.0, 2158.0 ft²	PT-Programmable Thermostat,	
b. N/A		MZ-C-Multizone cooling,	
c. N/A		MZ-H-Multizone heating)	
11. Ducts			
a. Sup: Unc. Ret: Con. AH: Interior	Sup. R=6.0, 50.0 ft		
b. N/A			

Glass/Floor Area: 0.11

Total as-built points: 25901
Total base points: 30643

PASS

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.	Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes.	
PREPARED BY: Tim Delbene	BUILDING OFFICIAL: _____	
DATE: 10/18/04	DATE: _____	
I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.		
OWNER/AGENT: _____		
DATE: _____		

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Shortleaf St, Lake City, FL, 32055-

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	2158.0	20.04	7784.3	Double, Clear	NW	2.0	7.0	60.0	25.97	0.90	1408.2
				Double, Clear	NE	2.0	5.0	12.0	29.56	0.82	290.6
				Double, Clear	NE	2.0	7.0	90.0	29.56	0.90	2384.6
				Double, Clear	SE	2.0	5.0	6.0	42.75	0.74	191.1
				Double, Clear	SW	2.0	7.0	60.0	40.16	0.85	2049.6
				As-Built Total:		228.0			6324.1		
WALL TYPES Area X BSPM = Points				Type	R-Value		Area X SPM	= Points			
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	11.0		1674.0	1.70	2845.8		
Exterior	1674.0	1.70	2845.8								
Base Total:		1674.0	2845.8	As-Built Total:		1674.0			2845.8		
DOOR TYPES Area X BSPM = Points				Type			Area X SPM	= Points			
Adjacent	21.0	2.40	50.4	Exterior Insulated			21.0	4.10	86.1		
Exterior	21.0	6.10	128.1	Adjacent Insulated			21.0	1.60	33.6		
Base Total:		42.0	178.5	As-Built Total:		42.0			119.7		
CEILING TYPES Area X BSPM = Points				Type	R-Value		Area X SPM X SCM	= Points			
Under Attic	2158.0	1.73	3733.3	Under Attic	30.0		2158.0	1.73 X 1.00	3733.3		
Base Total:		2158.0	3733.3	As-Built Total:		2158.0			3733.3		
FLOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM	= Points			
Slab	243.0(p)	-37.0	-8991.0	Slab-On-Grade Edge Insulation	0.0		243.0(p)	-41.20	-10011.6		
Raised	0.0	0.00	0.0								
Base Total:		-8991.0	As-Built Total:		243.0			-10011.6			
INFILTRATION Area X BSPM = Points						Area X SPM		= Points			
		2158.0	10.21			2158.0		10.21	22033.2		

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Shortleaf St, Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT						
Summer Base Points: 27584.2				Summer As-Built Points: 25044.5						
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
27584.2		0.4266	11767.4	25044.5 25044.5		1.000 1.00	(1.081 x 1.147 x 0.91) 1.128	0.341 0.341	0.902 0.902	8704.2 8704.2

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Shortleaf St, Lake City, FL, 32055-

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	2158.0	12.74	4948.7	Double, Clear	NW	2.0	7.0	60.0	24.30	1.00	1464.5
				Double, Clear	NE	2.0	5.0	12.0	23.57	1.02	287.8
				Double, Clear	NE	2.0	7.0	90.0	23.57	1.01	2140.2
				Double, Clear	SE	2.0	5.0	6.0	14.71	1.25	110.2
				Double, Clear	SW	2.0	7.0	60.0	16.74	1.08	1085.6
				As-Built Total:							228.0
WALL TYPES Area X BWPM = Points				Type	R-Value			Area X WPM = Points			
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	11.0			1674.0	3.70		6193.8
Exterior	1674.0	3.70	6193.8								
Base Total:		1674.0	6193.8	As-Built Total:				1674.0			6193.8
DOOR TYPES Area X BWPM = Points				Type				Area X WPM = Points			
Adjacent	21.0	11.50	241.5	Exterior Insulated				21.0	8.40		176.4
Exterior	21.0	12.30	258.3	Adjacent Insulated				21.0	8.00		168.0
Base Total:		42.0	499.8	As-Built Total:				42.0			344.4
CEILING TYPESArea X BWPM = Points				Type	R-Value			Area X WPM X WCM = Points			
Under Attic	2158.0	2.05	4423.9	Under Attic	30.0			2158.0	2.05 X 1.00		4423.9
Base Total:		2158.0	4423.9	As-Built Total:				2158.0			4423.9
FLOOR TYPES Area X BWPM = Points				Type	R-Value			Area X WPM = Points			
Slab	243.0(p)	8.9	2162.7	Slab-On-Grade Edge Insulation	0.0			243.0(p)	18.80		4568.4
Raised	0.0	0.00	0.0								
Base Total:			2162.7	As-Built Total:				243.0			4568.4
INFILTRATION Area X BWPM = Points							Area X WPM = Points				
		2158.0	-0.59				2158.0	-0.59			-1273.2

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Shortleaf St, Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT									
Winter Base Points:		16955.7		Winter As-Built Points:						19345.6			
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
16955.7		0.6274	10638.0	19345.6		1.000		(1.060 x 1.169 x 0.93)		0.432		0.950	9141.9
				19345.6		1.00		1.152		0.432		0.950	9141.9

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: Shortleaf St, Lake City, FL, 32055-

PERMIT #:

BASE					AS-BUILT					
WATER HEATING										
Number of Bedrooms	X	Multiplier	=	Total	Tank Volume	EF	Number of Bedrooms	X	Tank X Ratio	Credit = Total Multiplier
3		2746.00		8238.0	30.0	0.90	3		1.00	2684.98
					As-Built Total:					8054.9

CODE COMPLIANCE STATUS									
BASE					AS-BUILT				
Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	Cooling Points	+	Heating Points
11767		10638		8238		30643	8704		9142
							8055		25901

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Shortleaf St, Lake City, FL, 32055-

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.	N/A
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%.	N/A
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.	✓

Meggie

DATE: 03/28/2005 BUILDING PERMIT NO. 22541

ADDRESS	24262	US HWY 129	O'BRIEN	FL	32071
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ADDRESS	427	SW SHORT LEAF DR	LAKE CITY	FL	32024
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CONTRACTOR	<u>MACK ROBINSON</u>	PHONE	386-755-2492
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LOCATION OF PROPERTY S 247, L INTO FOREST COUNTRY, R LONG LEAF, LAST LOT ON LEFT ON
CORNER LOT OF SHORTLEAF AND LONGLEAF

SUBDIVISION/LOT/BLOCK/PHASE/UNIT	FOREST	COUNTRY	1	B	2
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PARCEL ID # 21-4S-16-03080-009

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

SIGNATURE: W Jack Robinson

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

Amount Paid 50.00

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

✓ APPROVED NOT APPROVED - NEEDS A CULVERT PERMIT

COMMENTS: Driveway All Ready Poured in Concrete
With INVERT to match Ditch For Drainage.

SIGNED: Ken Smith DATE: 04/12/05

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

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



New Construction Subterranean Termite Soil Treatment Record

OMB Approval No. 2502-0525 (exp. 10/31/2005)

This form is completed by the licensed Pest Control Company.

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This information is mandatory and is required to obtain benefits. HUD may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number. Section 24 CFR 200.926d(b)(3) requires that the sites for HUD insured structures must be free of termite hazards. This information collection requires the builder to certify that an authorized Pest Control company performed all required treatment for termites, and that the builder guarantees the treated area against infestation for one year. Builders, pest control companies, mortgage lenders, homebuyers, and HUD as a record of treatment for specific homes will use the information collected. The information is not considered confidential.

This report is submitted for informational purposes to the builder on proposed (new) construction cases when soil treatment for prevention of subterranean termite infestation is specified by the builder, architect, or required by the lender, architect, FHA, or VA.

All contracts for services are between the Pest Control Operator and builder, unless stated otherwise.

Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc. Company Address: 301 NW Cole Terrace City: Lake City State: FL Zip: 32055 Company Business License No.: JB109476 Company Phone No.: 386-755-3811 FHA/VA Case No. (if any):

Section 2: Builder Information

Company Name: Mack Robinson Company Phone No.: 755-2492

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip): Steinruck Residence 427 SW Short Leaf Dr. Lake City, FL 32024 Type of Construction (More than one box may be checked): [X] Slab [] Basement [] Crawl [] Other Approximate Depth of Footing: Outside 1' Inside 1' Type of Fill: Sand

Section 4: Treatment Information

Date(s) of Treatment(s): 12/28/04 Brand Name of Product(s) Used: Surrender TC EPA Registration No.: 70907-7-53883 Approximate Final Mix Solution %: 5% Approximate Size of Treatment Area: Sq. ft. 2418 Linear ft. 282 Linear ft. of Masonry Voids 262 Approximate Total Gallons of Solution Applied: 420 gals. Was treatment completed on exterior? [] Yes [X] No Service Agreement Available? [X] Yes [] No

Note: Some state laws require service agreements to be issued. This form does not preempt state law.

Attachments (List): Comments:

Name of Applicator(s): S. Gregory Certification No. (if required by State law): JF104376

The applicator has used a product in accordance with the product label and state requirements. All treatment materials and methods used comply with state and federal regulations.

Authorized Signature: Shannon Gregory Date: 12/28/04

Warning: HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010, 1012; 31 U.S.C. 3729, 3802) Form NPCA-99-B may still be used form HUD-NPCA-99-B (04/2003)



Cal-Tech Testing, Inc.

- Engineering
- Geotechnical
- Environmental

LABORATORIES

P.O. Box 1625 • Lake City, FL 32056-1625
6919 Distribution Avenue S., Unit #5 • Jacksonville, FL 32257

Tel. (386) 755-3633 • Fax (386) 752-5456
Tel. (904) 262-4046 • Fax (904) 262-4047

22541

*Floor Height
Letter*

December 15, 2004

Mack Robinson & Sons Construction, Inc.
24262 US Hwy. 129
O'Brien, Florida 32071

Reference: Proposed Residence
Lot 1, Forest Country Second Addition
Columbia County, Florida
Cal-Tech Project No. 04-562

Dear Mr. Robinson,

Cal-Tech Testing, Inc. has completed an investigation of the finished floor elevation of a residence to be constructed at the referenced location. The purposes of our work were to evaluate the potential for flooding of the residence.

Based upon the U.S.G.S. quadrangle map, the adjacent roadway has a centerline elevation of approximately 105.0 feet. Using this elevation as reference, the residence has a proposed finished floor elevation of approximately 104.9 feet, or about 0.1 feet lower than the adjacent roadway.

County regulations require the finished floor elevation of a new structure to be at least 12 inches above the elevation of the adjacent roadway unless it can be shown that such an elevation is not required to substantially reduce the likelihood of flooding.

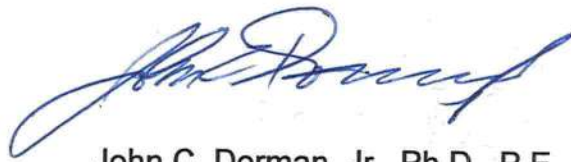
Based upon the FEMA flood insurance rate map, no flood prone areas are located within at least one-half mile of the site, although six small flood areas are identified between one-half mile and one mile of the site. Each of these identified flood areas is an isolated area of locally low elevation, and flooding of any one of these areas will not affect the site. Additionally, flooding to an elevation of approximately 105.0 feet would simultaneously flood a very large area adjacent the site. Therefore, from the results of our investigation, we believe there is no substantial risk for flooding at this home site. Further, we believe elevating the finished floor to 1 foot above the adjacent roadway will not be necessary to reduce flood potential.

We recommend however that site topography be slightly modified such that the ground surface adjacent the residence is at least 1 foot lower than the proposed finished floor elevation and also slope away from the foundations. Based upon elevations determined at the site, the ground surface near the northwest corner of the residence should be lowered about 3 inches.

We appreciate the opportunity to be of service on this project and look forward to a continued association. Please do not hesitate to contact us should you have questions concerning this report or if we may be of further assistance.

Respectfully submitted,
Cal-Tech Testing, Inc.


Linda Creamer
President / CEO


John C. Dorman, Jr., Ph.D., P.E.
Geotechnical Engineer
12/15/04
52612