

DATE 07/01/2004

Columbia County Building Permit**PERMIT**

This Permit Expires One Year From the Date of Issue

000022033

APPLICANT MACK ROBINSON PHONE _____
ADDRESS _____ FL _____
OWNER SCOTT & CAROLE FISHER PHONE 904 998-7127
ADDRESS 231 SW JUDE COURT FT. WHITE FL 32038
CONTRACTOR MACK ROBINSON PHONE _____
LOCATION OF PROPERTY 47S, TL INTO SOUTHFORK, TL ON GRASSY LANE, AT THE END ON RIGHT
TYPE DEVELOPMENT SFD, UTILITY ESTIMATED COST OF CONSTRUCTION 75200.00
HEATED FLOOR AREA 1504.00 TOTAL AREA 2864.00 HEIGHT .00 STORIES 1
FOUNDATION CONC WALLS FRAMED ROOF PITCH 8/12 FLOOR SLAB
LAND USE & ZONING A-3 MAX. HEIGHT _____
Minimum Set Back Requirements: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00
NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO. _____

PARCEL ID 10-6S-16-03814-104 SUBDIVISION SOUTHFORK
LOT 4 BLOCK _____ PHASE _____ UNIT _____ TOTAL ACRES 10.00

0054287
Culvert Permit No. _____ Culvert Waiver _____ Contractor's License Number _____ Applicant/Owner/Contractor _____
EXISTING 04-0688-E BK RJ Y
Driveway Connection _____ Septic Tank Number _____ LU & Zoning checked by _____ Approved for Issuance _____ New Resident _____

COMMENTS: ONE FOOT ABOVE ROAD, NOC ON FILECheck # or Cash 7300**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 \$ 380.00 CERTIFICATION FEE \$ 14.32 SURCHARGE FEE \$ 14.32
MISC. FEES \$.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ _____ WASTE FEE \$ _____
FLOOD ZONE DEVELOPMENT FEE \$ _____ CULVERT FEE \$ _____ TOTAL FEE 458.64
INSPECTORS OFFICE Mike Tedder 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.

This Instrument Prepared by & return to:

Name: *Joyce Kirpach, an employee of
TITLE OFFICES, LLC*
Address: *1089 SW MAIN BLVD.
LAKE CITY, FLORIDA 32025
03Y-11027JK*
Parcel I.D. #: *03814-104 & 03814-105*

SPACE ABOVE THIS LINE FOR PROCESSING DATA

SPACE ABOVE THIS LINE FOR RECORDING DATA

THIS WARRANTY DEED *Made the 14th day of November, A.D. 2003, by*
MARIA L. NAVARRO, A Married Woman, hereinafter called the grantor, to
SCOTT K. FISHER and CAROLE M. FISHER, HIS WIFE, whose post office address is
11422 BREAKWATER ROW SOUTH, JACKSONVILLE, FL 32225, hereinafter called the
grantees:

(Wherever used herein the terms "grantor" and "grantees" include all the parties to this instrument, singular and plural, the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations, wherever the context so admits or requires.)

Witnesseth: *That the grantor, for and in consideration of the sum of \$10.00 and other valuable consideration, receipt whereof is hereby acknowledged, does hereby grant, bargain, sell, alien, remise, release, convey and confirm unto the grantees all that certain land situate in Columbia County, State of FLORIDA, viz:*

LOT 4, SOUTHFORK, AN UNRECORDED SUBDIVISION OF A PART OF THE S½ OF SECTION 10, TOWNSHIP 6 SOUTH, RANGE 16 EAST, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS: COMMENCE AT THE SW CORNER OF SAID SECTION 10 AND RUN THENCE N 88o52'16"EAST, ALONG THE SOUTH LINE THEREOF A DISTANCE OF 46.86 FEET TO A POINT ON THE EAST RIGHT OF WAY OF STATE ROAD #47; THENCE N 88o52'16"EAST A DISTANCE OF 660.32 FEET; THENCE N 00o23'39"WEST, A DISTANCE OF 656.81 FEET; THENCE N 00o24'41"WEST, A DISTANCE OF 661.50 FEET TO THE POINT OF BEGINNING; THENCE N 00o24'41"WEST, A DISTANCE OF 663.68 FEET; THENCE N 88o42'31"EAST, A DISTANCE OF 616.74 FEET; THENCE N 88o47'34"EAST A DISTANCE OF 41.39 FEET; THENCE S 00o28'52"EAST, A DISTANCE OF 665.70 FEET; THENCE S 88o53'26"WEST, A DISTANCE OF 658.91 FEET TO THE POINT OF BEGINNING, COLUMBIA COUNTY, FLORIDA.

LOT 5, SOUTHFORK, AN UNRECORDED SUBDIVISION OF A PART OF THE S½ OF SECTION 10, TOWNSHIP 6 SOUTH, RANGE 16 EAST, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS: COMMENCE AT THE SW CORNER OF SAID SECTION 10 AND RUN THENCE N 88o52'16"EAST, ALONG THE SOUTH LINE THEREOF A DISTANCE OF 46.86 FEET TO A POINT ON THE EAST RIGHT OF WAY OF STATE ROAD #47; THENCE N 88o52'16"EAST A DISTANCE OF 660.32 FEET; THENCE N 00o23'39"WEST, A DISTANCE OF 656.81 FEET TO THE POINT OF BEGINNING; THENCE N 00o24'41"WEST, A DISTANCE OF 661.60 FEET; THENCE N 88o53'26"EAST, A DISTANCE OF 658.91 FEET; THENCE N 00o28'52"EAST, A DISTANCE OF 661.60 FEET; THENCE S 88o53'29"WEST, A DISTANCE OF 659.71 FEET TO THE POINT OF BEGINNING, COLUMBIA COUNTY, FLORIDA.

TOGETHER WITH AND SUBJECT TO AN EASEMENT FOR INGRESS AND EGRESS:

A PART OF THE S½ OF SECTION 10, TOWNSHIP 6 SOUTH, RANGE 16 EAST, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS: COMMENCE AT THE SW CORNER OF SAID SECTION 10 AND RUN THENCE N 88°52'16"EAST, ALONG THE SOUTH LINE OF SAID SECTION 10, A DISTANCE OF 46.86 FEET TO THE EAST RIGHT OF WAY OF STATE ROAD NO. 47; THENCE N 00°20'30"WEST ALONG SAID EAST RIGHT OF WAY 627.05 FEET TO THE POINT OF BEGINNING; THENCE N 00°02'30"WEST, STILL ALONG SAID RIGHT OF WAY A DISTANCE OF 60.00 FEET; THENCE N 88°53'29"EAST, A DISTANCE OF 629.67 FEET; THENCE N 00°24'41"WEST A DISTANCE OF 681.60 FEET; THENCE N 88°53'26"EAST, A DISTANCE OF 60.00 FEET; THENCE S 00°24'41"WEST, A DISTANCE OF 681.60 FEET; THENCE N 88°53'29"EAST, A DISTANCE OF 629.35 FEET; THENCE N 88°58'12"EAST, 650.99 FEET; THENCE N 01°01'48"WEST, A DISTANCE OF 589.75 FEET; THENCE S 87°47'54" WEST A DISTANCE OF 36.83 FEET; THENCE N 00°25'25"WEST A DISTANCE OF 739.98 FEET; THENCE N 88°25'30"EAST, A DISTANCE OF 60.01 FEET; THENCE S 00°25'25"EAST A DISTANCE OF 679.29 FEET; THENCE N 87°47'54"EAST, A DISTANCE OF 36.18 FEET; THENCE S 01°01'48"EAST, A DISTANCE OF 650.01 FEET; THENCE N 88°37'18"EAST, A DISTANCE OF 2603.18 FEET; THENCE S 00°17'09"EAST, A DISTANCE OF 60.01 FEET; THENCE S 88°37'18"WEST, A DISTANCE OF 2632.46 FEET; THENCE S 88°58'12"WEST, 681.09 FEET; THENCE S 88°53'29"WEST, 1319.83 FEET TO THE POINT OF BEGINNING, COLUMBIA COUNTY, FLORIDA.

The above described property is not the homestead property of Grantor.

EASEMENT GRANTED TO CLAY ELECTRIC COOPERATIVE BY INSTRUMENT FILED IN OFFICIAL RECORDS BOOK 859, PAGE 213.

SUBJECT TO RESTRICTIVE COVENANTS(S) AS RECORDED IN OFFICIAL RECORDS BOOK 867, PAGE 1096.

EASEMENT GRANTED TO COLUMBIA SOUTHFORK HOMEOWNERS ASSOCIATION, INC. BY INSTRUMENT FILED IN OFFICIAL RECORDS BOOK 867, PAGE 1108.

TERMS AND CONDITIONS OF MEMBERSHIP & DUES & ASSESSMENTS IN COLUMBIA SOUTHFORK HOMEOWNER'S ASSOCIATION, INC.

SUBJECT TO TAXES FOR THE YEAR 2003 AND SUBSEQUENT YEARS, RESTRICTIONS, RESERVATIONS, COVENANTS AND EASEMENTS OF RECORD, IF ANY.

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 the grantor hereby covenants with said grantees that she is lawfully seized of said land in fee simple; that she has good right and lawful authority to sell and convey said land, and hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever, and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2002.

In Witness Whereof, the said grantor has signed and sealed these presents, the day and year first above written.

Signed, sealed and delivered in the presence of:

Witness Signature

Printed Name

Witness Signature

Printed Name

MARIA L. NAVARRO *L.S.*

Address:

**231 S.W. JADE COURT, FT. WHITE, FL.
32038**

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 14th day of November, 2003, by
MARIA L. NAVARRO, *who is known to me or who has produced*
_____ *as identification.*

Notary Public

My commission expires _____

THIS INSTRUMENT WAS PREPARED BY:

TERRY McDAVID , 04-281
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

Inst:2004014163 Date:06/18/2004 Time:15:56

B DC,P.Dewitt Cason,Columbia County B:1018 P:1810

RETURN TO:

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

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:

AS DESCRIBED IN EXHIBIT "A" ATTACHED.

2. General description of improvement: Construction of Dwelling

3. Owner information:

a. Name and address: SCOTT K. FISHER and CAROLE M. FISHER,
Husband and Wife, 11422 Breakwater Row South, Jacksonville, Florida

32225

b. Interest in property: Fee Simple

c. Name and address of fee simple title holder (if other than Owner):

4. Contractor: MACK ROBINSON CONSTRUCTION
24262 US Highway 129, O'Brien, Florida 32071

5. Surety

a. Name and address: None

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

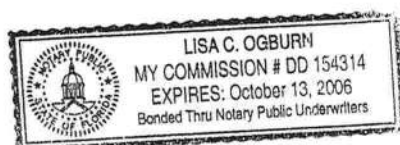
8. In addition to himself, Owner designates LONNIE T. HALTIWANGER of PEOPLES STATE BANK, 350 SW Main Blvd., Lake City, Florida 32025, to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes.

9. Expiration date of notice of commencement (the expiration date is 1 year from the date of recording unless a different date is specified). June 17, 2005.

Scott K. Fisher
SCOTT K. FISHER,

Carole M. Fisher
CAROLE M. FISHER

The foregoing instrument was acknowledged before me this 17th day of June, 2004, by SCOTT K. FISHER and CAROLE M. FISHER, Husband and Wife, who are personally known to me and did not take an oath.



Lisa C Ogburn
Notary Public
My commission expires: _____

EXHIBIT "A"

Inst: 2004014163 Date: 06/18/2004 Time: 15:56
DC, P. DeWitt Cason, Columbia County B: 1018 P: 1811

LOT 4, SOUTHFORK, AN UNRECORDED SUBDIVISION OF A PART OF THE S $\frac{1}{2}$ OF SECTION 10, TOWNSHIP 6 SOUTH, RANGE 16 EAST, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS: COMMENCE AT THE SW CORNER OF SAID SECTION 10 AND RUN THENCE N 88°52'16"EAST, ALONG THE SOUTH LINE THEREOF A DISTANCE OF 46.86 FEET TO A POINT ON THE EAST RIGHT OF WAY OF STATE ROAD #47; THENCE N 88°52'16"EAST A DISTANCE OF 660.32 FEET; THENCE N 00°23'39"WEST, A DISTANCE OF 656.81 FEET; THENCE N 00°24'41"WEST, A DISTANCE OF 661.50 FEET TO THE POINT OF BEGINNING; THENCE N 00°24'41"WEST, A DISTANCE OF 663.68 FEET; THENCE N 88°42'31"EAST, A DISTANCE OF 616.74 FEET; THENCE N 88°47'34"EAST A DISTANCE OF 41.39 FEET; THENCE S 00°28'52"EAST, A DISTANCE OF 665.70 FEET; THENCE S 88°53'26"WEST, A DISTANCE OF 658.91 FEET TO THE POINT OF BEGINNING, COLUMBIA COUNTY, FLORIDA.

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Columbia County Building Permit Application

For Office Use Only Application # 0406-67 Date Received 6/22/04 By G Permit # 22033
Application Approved by - Zoning Official BLK Date 01.07.04 Plans Examiner _____ Date _____
Flood Zone X Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3
Comments _____

Applicants Name Mack Robinson ^{Release in box} Phone 386-755-2492
Address 24262 HW/129 Olden Rd 32071
Owners Name Scott + Carol Fisher Phone 904-998-7127
911 Address 231 S.W. Jade Court Fort White FL 32038
Contractors Name Mack Robinson + Sons Const Inc Phone 386 755 2492
Address same as above
Fee Simple Owner Name & Address _____
Bonding Co. Name & Address _____
Architect/Engineer Name & Address _____
Mortgage Lenders Name & Address Peoples Bank Lake City FL
Property ID Number 10-65-16 03814-104 + 03814-105 Estimated Cost of Construction \$111,392.00
Subdivision Name South Fork Lot 4 Block _____ Unit _____ Phase _____
Driving Directions go 47 south about 1 mile past herlong rd. turn left into southfork then turn 1st left job is on right at end of road
Type of Construction new house SFD Number of Existing Dwellings on Property 0
Total Acreage 10 Lot Size _____ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing D
Actual Distance of Structure from Property Lines - Front 71 Side 02 Side 455 Rear 550
Total Building Height 23.9" Number of Stories 1 Heated Floor Area 1504 Roof Pitch 8/12 3

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 all laws regulating construction in this jurisdiction.

OWNERS AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

Owner Builder or Agent (Including Contractor) _____

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
this _____ day of _____, 20____.

Personally known _____ or Produced Identification _____

Mack Robinson
Contractor Signature
Contractors License Number 0054287
Competency Card Number _____

NOTARY STAMP/SEAL

Notary Signature _____

0406-67



APPROXIMATE SCALE IN FEET
2000 0 2000

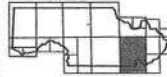
NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

COLUMBIA
COUNTY,
FLORIDA
(UNINCORPORATED AREAS)

PANEL 225 OF 290

PANEL LOCATION



COMMUNITY-PANEL NUMBER
120070 0225 B
EFFECTIVE DATE:
JANUARY 6, 1988



Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT Version 1.0. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. Further information about National Flood Insurance Program flood hazard maps is available at www.fema.gov/nfip/rsd.

Print Date: 7/1/2004 (printed at scale and type A)





A+B Septic Fort White
Maria L. Navarro
**Peloni's Pumping
& Portable Toilets, Inc.**

Route 18-box 38825
Lake City, FL 38055
(386) 766-1818
FAX (386) 718-8501

county Cal **Pump Out Certification** Date Pumped 3-18-2004

owner's name Scott Fisher phone 904 998 7127
owner's address _____

FT White

Real Estate Co _____ contact person _____
Construction Co CONTACT PERSON

(1) the above referenced septic tank has been pumped and based on actual measurements of the tank
liquid capacity is 900 gallons

(2) inside dimensions as per 64a-6.001(4)

(a) depth below outlet: _____
(b) length: M/P
(c) width: _____

(3) visual inspection indicated that the septic tank meets chapter 64a-6 f a c
structural requirements _____ yes ☒ no _____

provide the following information about the tank

tank is multichambered _____ yes _____ no ☒

tank has an approved solids deflection device _____ yes ☒ no _____

tank has an approved outlet filter device _____ yes ☒ no _____

an approved outlet filter device was installed when pumped yes _____ no ☒

inlet and outlet lids of the tank have been sealed _____ yes ☒ no _____

comment's A+B Tank

direction 47 South 1 mile 6 or four 238 on left
Crossy house

inspected by Robert R. P. P.

registration# S.A. 0870867
Date 3-18-2004

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name:	Fisher Residence	Builder:	M. Robinson
Address:	Lot: 4, Sub: Southfork unrec, Plat:	Permitting Office:	Columbia Co.
City, State:	Lake City, FL 32055-	Permit Number:	22033
Owner:	Fisher	Jurisdiction Number:	221000
Climate Zone:	North		

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 (ft ²)	1504 ft ²	___
7. Glass area & type	Single Pane	Double Pane
a. Clear glass, default U-factor	0.0 ft ²	150.0 ft ²
b. Default tint	0.0 ft ²	0.0 ft ²
c. Labeled U or SHGC	0.0 ft ²	0.0 ft ²
8. Floor types		___
a. Slab-On-Grade Edge Insulation	R=0.0, 158.0(p) ft	___
b. N/A		___
c. N/A		___
9. Wall types		___
a. Frame, Wood, Exterior	R=11.0, 1030.0 ft ²	___
b. N/A		___
c. N/A		___
d. N/A		___
e. N/A		___
10. Ceiling types		___
a. Under Attic	R=30.0, 1504.0 ft ²	___
b. N/A		___
c. N/A		___
11. Ducts		___
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 44.0 ft	___
b. N/A		___
12. Cooling systems		___
a. Central Unit	Cap: 35.0 kBtu/hr	___
	SEER: 10.00	___
b. N/A		___
c. N/A		___
13. Heating systems		___
a. Electric Heat Pump	Cap: 35.0 kBtu/hr	___
	HSPF: 7.90	___
b. N/A		___
c. N/A		___
14. Hot water systems		___
a. Electric Resistance	Cap: 30.0 gallons	___
	EF: 0.90	___
b. N/A		___
c. Conservation credits		___
(HR-Heat recovery, Solar		___
DHP-Dedicated heat pump)		___
15. HVAC credits	PT, CF, ___	___
(CF-Ceiling fan, CV-Cross ventilation,		___
HF-Whole house fan,		___
PT-Programmable Thermostat,		___
MZ-C-Multizone cooling,		___
MZ-H-Multizone heating)		___

Glass/Floor Area: 0.10

Total as-built points: 20992

Total base points: 24148

PASS

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

PREPARED BY: Tim Delbene

DATE: 7-1-04

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: _____

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 4, Sub: Southfork unrec, Plat: , 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	1504.0	20.04	5425.2	Double, Clear	N	10.0	5.0	9.0	19.20	0.62	107.7
				Double, Clear	N	10.0	7.0	24.0	19.20	0.66	304.3
				Double, Clear	E	2.0	3.0	3.0	42.06	0.63	79.6
				Double, Clear	S	10.0	7.0	108.0	35.87	0.48	1851.0
				Double, Clear	W	2.0	4.0	6.0	38.52	0.73	168.7
				As-Built Total:		150.0			2511.2		
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		1030.0	1.70		1751.0	
Exterior	1030.0	1.70	1751.0								
Base Total:				As-Built Total:		1030.0			1751.0		
DOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	0.0	0.00	0.0	Exterior Insulated			21.0	4.10		86.1	
Exterior	84.0	6.10	512.4	Exterior Insulated			21.0	4.10		86.1	
				Exterior Insulated			42.0	4.10		172.2	
Base Total:				As-Built Total:		84.0			344.4		
CEILING TYPES Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points				
Under Attic	1504.0	1.73	2601.9	Under Attic	30.0		1504.0	1.73 X 1.00		2601.9	
Base Total:				As-Built Total:		1504.0			2601.9		
FLOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Slab	158.0(p)	-37.0	-5846.0	Slab-On-Grade Edge Insulation	0.0		158.0(p)	-41.20		-6509.6	
Raised	0.0	0.00	0.0								
Base Total:				As-Built Total:		158.0			-6509.6		
INFILTRATION Area X BSPM = Points				Area X SPM = Points							
1504.0 10.21 15355.8				1504.0 10.21 15355.8							

SUMMER CALCULATIONS**Residential Whole Building Performance Method A - Details**

ADDRESS: Lot: 4, Sub: Southfork unrec, Plat: , Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT											
Summer Base Points:		19800.4		Summer As-Built Points:				16054.8							
Total Summer Points	X	System Multiplier	=	Cooling Points	Total Component	X	Cap Ratio	X	Duct Multiplier	X	System Multiplier	X	Credit Multiplier	=	Cooling Points
					(DM x DSM x AHU)										
19800.4		0.4266		8446.8	16054.8		1.000		(1.090 x 1.147 x 0.91)		0.341		0.902		5626.2
					16054.8		1.00		1.138		0.341		0.902		5626.2

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 4, Sub: Southfork unrec, Plat: , 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	1504.0	12.74	3449.0	Double, Clear	N	10.0	5.0	9.0	24.58	1.03	226.7
				Double, Clear	N	10.0	7.0	24.0	24.58	1.02	603.0
				Double, Clear	E	2.0	3.0	3.0	18.79	1.18	66.6
				Double, Clear	S	10.0	7.0	108.0	13.30	3.22	4626.2
				Double, Clear	W	2.0	4.0	6.0	20.73	1.08	134.8
				As-Built Total:				150.0	5657.3		
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		1030.0	3.70		3811.0	
Exterior	1030.0	3.70	3811.0								
Base Total:		1030.0	3811.0	As-Built Total:				1030.0	3811.0		
DOOR TYPES Area X BWPM = Points				Type	Area X WPM = Points						
Adjacent	0.0	0.00	0.0	Exterior Insulated			21.0	8.40		176.4	
Exterior	84.0	12.30	1033.2	Exterior Insulated			21.0	8.40		176.4	
				Exterior Insulated			42.0	8.40		352.8	
Base Total:		84.0	1033.2	As-Built Total:				84.0	705.6		
CEILING TYPESArea X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points				
Under Attic	1504.0	2.05	3083.2	Under Attic	30.0		1504.0	2.05 X 1.00		3083.2	
Base Total:		1504.0	3083.2	As-Built Total:				1504.0	3083.2		
FLOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Slab	158.0(p)	8.9	1406.2	Slab-On-Grade Edge Insulation	0.0		158.0(p)	18.80		2970.4	
Raised	0.0	0.00	0.0								
Base Total:		1406.2	1406.2	As-Built Total:				158.0	2970.4		
INFILTRATION Area X BWPM = Points				Area X WPM = Points							
		1504.0	-0.59					1504.0	-0.59		-887.4

WINTER CALCULATIONS**Residential Whole Building Performance Method A - Details**

ADDRESS: Lot: 4, Sub: Southfork unrec, Plat: , Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT						
Winter Base Points:		11895.2		Winter As-Built Points:					15340.1	
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
11895.2		0.6274	7463.1	^{15340.1} 15340.1	1.000	^{1.000} 1.00	^(1.069 x 1.169 x 0.93) 1.162	^{0.432} 0.432	^{0.950} 0.950	^{7310.6} 7310.6

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 4, Sub: Southfork unrec, Plat: , Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT					
WATER HEATING									
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X Tank Ratio	Multiplier X	Credit = Total Multiplier
3		2746.00	8238.0	30.0	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
8447		7463		8238 24148	5626		7311		8055 20992

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 4, Sub: Southfork unrec, Plat: , 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.	✓



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

July 23, 2004

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

Reference: Proposed Fisher Residence
Lot 4, Southfork
Fort White, Columbia County, Florida
Cal-Tech Project No. 04-371

Dear Mr. Robinson,

Cal-Tech Testing, Inc. has completed an investigation and evaluation of the finished floor elevation of the Fisher residence currently under construction on lot 5 of Southfork near S.R. 47 north of Fort White, Florida. The purposes of our work were to evaluate the potential for flooding of the residence.

Based upon the U.S.G.S. quadrangle map, State Road 47 adjacent the lot has a centerline elevation of approximately 78.0 feet. Based upon this elevation, the residence has a finished floor elevation of approximately 83.7 feet. Thus the finished floor elevation is approximately 5.7 feet above the centerline of 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. For this residence the finished floor elevation meets Columbia County regulations. Additionally, based upon the FEMA flood map, the only substantial flood area within approximately 5 miles of the site is the Ichetucknee River area for which flood elevations are estimated to be on the order of 40 feet. Therefore, based upon our evaluation, we believe there is no substantial risk for flooding at this home site.

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 7/23/04

52612

"Excellence in Engineering & Geoscience"

#22033



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John C. Dorman, Jr., Ph.D., P.E.
Geotechnical Engineer 7/23/04

52612

CERTIFICATE OF OCCUPANCY

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 10-6S-16-03814-104

Building permit No. 000022033

Use Classification SFD, UTILITY

Fire: 56.70

Permit Holder MACK ROBINSON

Waste: 122.50

Owner of Building SCOTT & CAROLE FISHER

Total: 179.20

Location: 231 SW JUDE COURT, FT WHITE, FL 32038

Date: 12/06/2004



[Signature]

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)