

DATE 08/30/2005

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000023552

APPLICANT: JOHN D. NORRIS PHONE 758.3663

ADDRESS: POB 238 WHITE SPRINGS FL 32096

OWNER: PETE GIEBEIG PHONE 752.7968

ADDRESS: 123 SW GERALD CONNER DR LAKE CITY FL 32024

CONTRACTOR: JOHN D. NORRIS PHONE 758.3663

LOCATION OF PROPERTY: 90-W TO SISTERS WELCOM RD TO KICKLIGHTER TO CANNON CREEK S/D
TR GO TO GERALD ONNER DRIVE, TL AND IT'S THE 1ST. LOT ON L

TYPE DEVELOPMENT: SFD & UTILITY ESTIMATED COST OF CONSTRUCTION 80400.00

HEATED FLOOR AREA 1608.00 TOTAL AREA 2286.00 HEIGHT 18.00 STORIES 1

FOUNDATION: CONC WALLS: FRAMED ROOF PITCH 6'12 FLOOR CONC

LAND USE & ZONING: RSF-2 MAX. HEIGHT 35

Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00

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

PARCEL ID 24-4S-16-03113-000 SUBDIVISION CANNON CREEK PLACE

LOT 1 BLOCK 1 PHASE UNIT TOTAL ACRES .50

000000790 RG0066957

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

18"X32' MITERED 05-0704-N BLK N

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

COMMENTS: 1 FOOT ABOVE ROAD

PLAT REQUIRES 1ST. FLOOR ELEVATION TO BE A MINIMUM OF 103.0'

FLOOR ELEVATION LETTER REQUIRED. Check # or Cash 3446

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 \$ 405.00 CERTIFICATION FEE \$ 11.43 SURCHARGE FEE \$ 11.43

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

FLOOD ZONE DEVELOPMENT FEE \$ CULVERT FEE \$ 25.00 TOTAL FEE 502.86

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

See Parcel P.D.#

911 ADDRESS NEEDED BEFORE PERMIT.

For Office Use Only Application # 0507-19 Date Received 7/7/05 By JW Permit # 790/23552
 Application Approved by - Zoning Official RJK Date 29.07.05 Plans Examiner OK JTH Date 7-22-05
 Flood Zone Xpuplt Development Permit N/A Zoning RSF-2 Land Use Plan Map Category Res. Low Den
 Comments Plat Requires 1st Floor Elevation to be a Minimum of 103.00 ft.
Floor Elevation Letter Required - noc.

Applicants Name Johnie Norris - Phone 758-3663
 Address P.O. Box 238 White Springs Fl. 32096
 Owners Name Pete Gieberg Phone ~~752-7968~~ 752-7968
 911 Address Applied
 Contractors Name John Norris Phone 758-3663
 Address P.O. Box 238 White Springs Fl. 32096
 Fee Simple Owner Name & Address Pete Gieberg P.O. Box 1384 L.C. Fl. 32056
 Bonding Co. Name & Address None
 Architect/Engineer Name & Address Freeman
 Mortgage Lenders Name & Address None

PARENTS: Property ID Number 24-45-16-03114-001 Estimated Cost of Construction 65,000
 Subdivision Name Cannon Creek Place Lot 1 Block 1 Unit Phase
 Driving Directions Go 90 West To Sister Welcome, Turn on Kicklighter and go to Cannon Creek then Turn right into Sub,

Type of Construction Brick veneer Number of Existing Dwellings on Property 0
 Total Acreage 40 Lot Size 1/2 Ac Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
 Actual Distance of Structure from Property Lines - Front 35 Side 35 46 2" Side 35 46 Rear 110 66 7"
 Total Building Height 18' Number of Stories 1 Heated Floor Area 1608 Roof Pitch 6/12
PORCH 278 GARAGE 400 TOTAL 2,286

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.

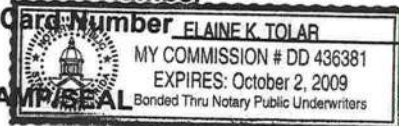
WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

Owner Builder or Agent (Including Contractor) Pete Gieberg

STATE OF FLORIDA
 COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
 this 5th day of July 2005.
 Personally known X or Produced Identification

Contractor Signature John D Norris
 Contractors License Number
 Competency Card Number



NOTARY STAMP/SEAL

Elaine K. Tolar
 Notary Signature

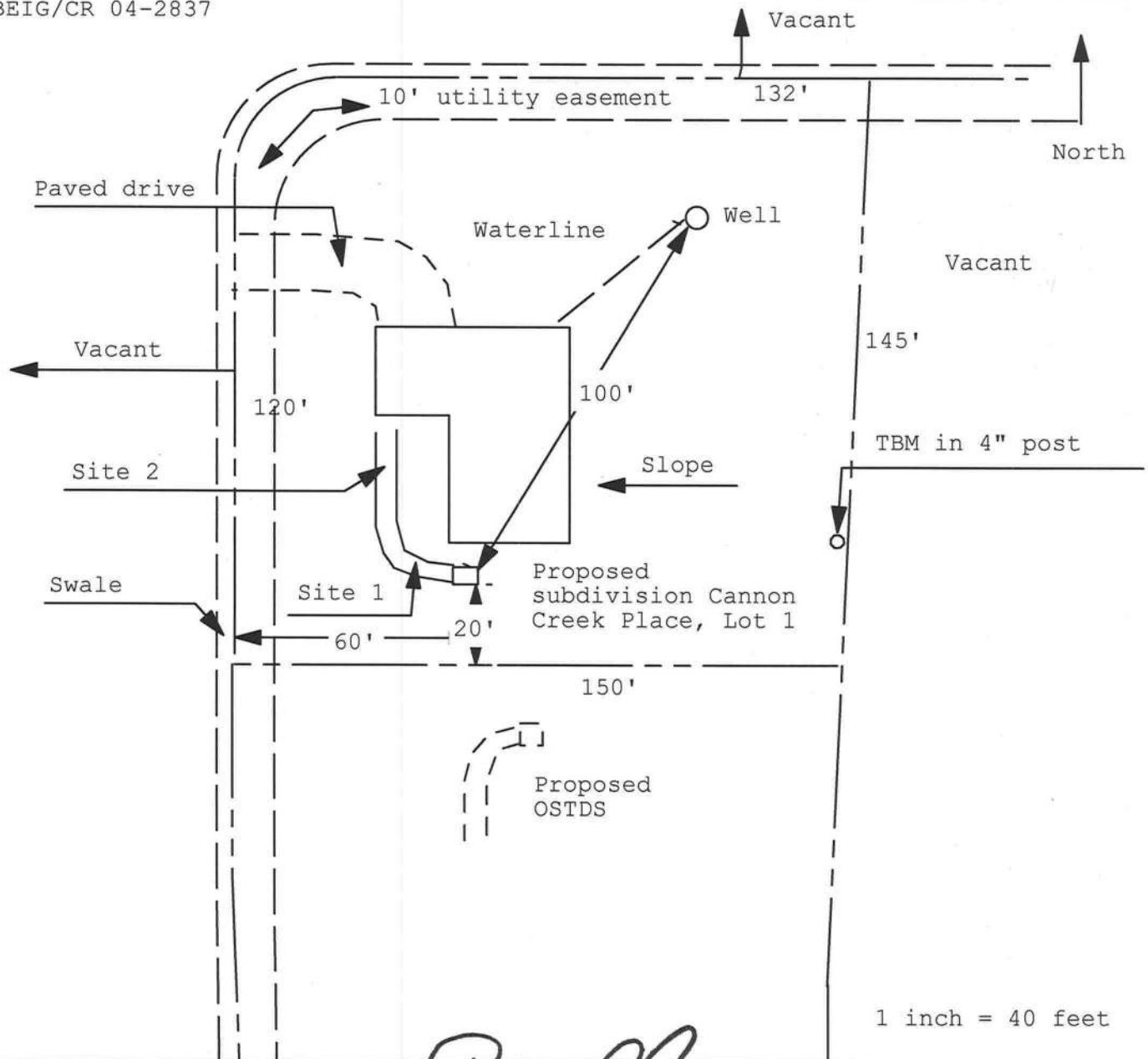
-(2445-K-03113-000)-

old permit 8-25-01

Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan
Permit Application Number: 05-0784N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

GIEBEIG/CR 04-2837



Site Plan Submitted By Paul Lloyd Date 6/13/05
Plan Approved _____ Not Approved _____ Date _____

By _____ CPHU

Notes: _____

FLORIDA ENERGY EFFICIENCY CODE
FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name:	St Johns Lot 1	Builder:	
Address:		Permitting Office:	Columbia
City, State:		Permit Number:	23552
Owner:	Pete Giebeig	Jurisdiction Number:	221000
Climate Zone:	South		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 36.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 12.00
4. Number of Bedrooms	1608	b. N/A	
5. Is this a worst case?	No	c. N/A	
6. Conditioned floor area (ft²)	3 ft²		
7. Glass area & type	Single Pane Double Pane	13. Heating systems	
a. Clear glass, default U-factor	0.0 ft² 189.0 ft²	a. Electric Heat Pump	Cap: 36.0 kBtu/hr
b. Default tint	0.0 ft² 0.0 ft²		HSPF: 7.40
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, 205.8(p) ft		
b. N/A		14. Hot water systems	
c. N/A		a. Electric Resistance	Cap: 50.0 gallons
9. Wall types			EF: 0.90
a. Frame, Wood, Exterior	R=13.0, 1646.4 ft²	b. N/A	
b. N/A		c. Conservation credits	
c. N/A		(HR-Heat recovery, Solar	
d. N/A		DHP-Dedicated heat pump)	
e. N/A		15. HVAC credits	PT, CF,
10. Ceiling types		(CF-Ceiling fan, CV-Cross ventilation,	
a. Under Attic	R=30.0, 1768.8 ft²	HF-Whole house fan,	
b. N/A		PT-Programmable Thermostat,	
c. N/A		MZ-C-Multizone cooling,	
11. Ducts		MZ-H-Multizone heating)	
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 52.8 ft		
b. N/A			

Glass/Floor Area: 63.00 Total as-built points: 3729075 PASS
Total base points: 3811963

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

PREPARED BY: William H. Freeman
DATE: 6/14/05

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: , , ,

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	3.0	32.50	17.6	Double, Clear	N	1.5	6.0	15.0	31.93	0.94	450.4
				Double, Clear	N	1.5	6.0	20.0	31.93	0.94	600.5
				Double, Clear	N	1.5	6.0	30.0	31.93	0.94	900.7
				Double, Clear	E	1.5	6.0	15.0	68.60	0.92	944.1
				Double, Clear	E	1.5	5.0	8.0	68.60	0.88	483.9
				Double, Clear	E	1.5	2.0	5.0	68.60	0.61	209.1
				Double, Clear	S	1.5	6.0	30.0	58.45	0.87	1532.9
				Double, Clear	S	1.5	7.0	24.0	58.45	0.91	1276.9
				Double, Clear	N	1.5	7.0	42.0	31.93	0.96	1282.1
				As-Built Total:			189.0			7680.4	
WALL TYPES Area X BSPM = Points				Type		R-Value		Area X SPM = Points			
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior		13.0		1646.4		2.40 3951.4	
Exterior	1646.4	2.70	4445.3								
Base Total: 1646.4 4445.3				As-Built Total:		1646.4		3951.4			
DOOR TYPES Area X BSPM = Points				Type		Area X SPM = Points					
Adjacent	0.0	0.00	0.0	Exterior Insulated		17.7		6.40		113.2	
Exterior	17.7	6.40	113.2								
Base Total: 17.7 113.2				As-Built Total:		17.7		113.2			
CEILING TYPES Area X BSPM = Points				Type		R-Value		Area X SPM X SCM = Points			
Under Attic	1608.0	2.80	4502.4	Under Attic		30.0		1768.8		2.77 X 1.00 4899.6	
Base Total: 1608.0 4502.4											
FLOOR TYPES Area X BSPM = Points				Type		R-Value		Area X SPM = Points			
Slab	205.8(p)	-20.0	-4116.0	Slab-On-Grade Edge Insulation		0.0		205.8(p)		-20.00 -4116.0	
Raised	0.0	0.00	0.0								
Base Total: -4116.0				As-Built Total:		205.8		-4116.0			
INFILTRATION Area X BSPM = Points				Area X SPM = Points							
3.0 18.79 56.4				3.0 18.79 56.4							

SUMMER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT											
Summer Base Points:		5018.8		Summer As-Built Points:			12584.9								
Total Summer Points	X	System Multiplier	=	Cooling Points	Total Component	X	Cap Ratio	X	Duct Multiplier (DM x DSM x AHU)	X	System Multiplier	X	Credit Multiplier	=	Cooling Points
5018.8		0.4266		2141.0	12584.9		1.000		(1.073 x 1.165 x 0.90)		0.284		0.902		3631.1
					12584.9		1.00		1.125		0.284		0.902		3631.1

WINTER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

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	3.0	2.36	1.3	Double, Clear	N	1.5	6.0	15.0	4.38	0.99	65.1
				Double, Clear	N	1.5	6.0	20.0	4.38	0.99	86.8
				Double, Clear	N	1.5	6.0	30.0	4.38	0.99	130.3
				Double, Clear	E	1.5	6.0	15.0	3.30	1.02	50.5
				Double, Clear	E	1.5	5.0	8.0	3.30	1.03	27.1
				Double, Clear	E	1.5	2.0	5.0	3.30	1.08	17.8
				Double, Clear	S	1.5	6.0	30.0	3.12	1.02	95.3
				Double, Clear	S	1.5	7.0	24.0	3.12	1.01	75.5
				Double, Clear	N	1.5	7.0	42.0	4.38	0.99	182.7
				As-Built Total:		189.0			731.1		
WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	13.0		1646.4	0.60		987.8	
Exterior	1646.4	0.60	987.8								
Base Total:		1646.4	987.8	As-Built Total:		1646.4			987.8		
DOOR TYPES Area X BWPM = Points				Type	Area X WPM = Points						
Adjacent	0.0	0.00	0.0	Exterior Insulated			17.7	1.80		31.8	
Exterior	17.7	1.80	31.8								
Base Total:		17.7	31.8	As-Built Total:		17.7			31.8		
CEILING TYPES Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points				
Under Attic	1608.0	0.10	160.8	Under Attic	30.0		1768.8	0.10 X 1.00		176.9	
Base Total:		1608.0	160.8	As-Built Total:		1768.8			176.9		
FLOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Slab	205.8(p)	-2.1	-432.2	Slab-On-Grade Edge Insulation	0.0		205.8(p)	-2.10		-432.2	
Raised	0.0	0.00	0.0								
Base Total:		-432.2		As-Built Total:		205.8			-432.2		
INFILTRATION Area X BWPM = Points				Area X WPM = Points							
		3.0	-0.06						3.0	-0.06	-0.2

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT							
Winter Base Points: 749.4				Winter As-Built Points: 1495.3							
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	
749.4		0.6274	470.2	1495.3		1.000	(1.099 x 1.137 x 0.91)	0.461	0.950	744.4	
				1495.3		1.00	1.137	0.461	0.950	744.4	

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

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT						
WATER HEATING										
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X	Tank X Ratio	Multiplier X Credit Multiplier	= Total
72		2369.00	3809352.0	50.0	0.90	72		1.00	2316.36	1.00 3724700.0
				As-Built Total:						3724700.0

CODE COMPLIANCE STATUS									
BASE					AS-BUILT				
Cooling Points	+	Heating Points	+	Hot Water Points = Total Points	Cooling Points	+	Heating Points	+	Hot Water Points = Total Points
2141		470		3809352 3811963	3631		744		3724700 3729075

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

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* = 80.4

The higher the score, the more efficient the home.

Pete Geibie, , , ,

1. New construction or existing
2. Single family or multi-family
3. Number of units, if multi-family
4. Number of Bedrooms
5. Is this a worst case?
6. Conditioned floor area (ft²)
7. Glass area & type
8. Floor types
9. Wall types
10. Ceiling types
11. Ducts
12. Cooling systems
13. Heating systems
14. Hot water systems
15. HVAC credits

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 EnergyStar™ designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu 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 Program (Version: FLRCPB v3.30)

Residential System Sizing Calculation

Summary

Pete Geibie

Project Title:
Suwannee Model Cannon Creek Lot 1

Code Only
Professional Version
Climate: South

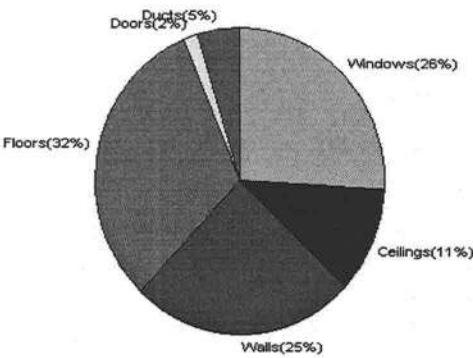
6/14/2005

Location for weather data: Gainesville - User customized: Latitude(29) Temp Range(M)					
Humidity data: Interior RH (50%) Outdoor wet bulb (78F) Humidity difference(51gr.)					
Winter design temperature	31	F	Summer design temperature	98	F
Winter setpoint	70	F	Summer setpoint	75	F
Winter temperature difference	39	F	Summer temperature difference	23	F
Total heating load calculation		20567	Total cooling load calculation		1.8158E6
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	175.0	36000	Sensible (SHR = 0.5)	1.7	18000
Heat Pump + Auxiliary(0.0kW)	175.0	36000	Latent	2.4	18000
			Total (Electric Heat Pump)	2.0	36000

WINTER CALCULATIONS

Winter Heating Load (for 3 sqft)

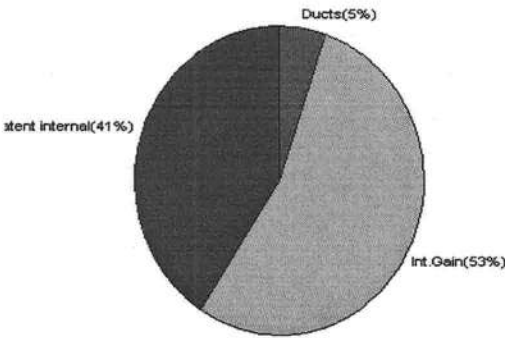
Load component			Load	
Window total	189	sqft	5349	Btuh
Wall total	1646	sqft	5104	Btuh
Door total	18	sqft	324	Btuh
Ceiling total	1769	sqft	2299	Btuh
Floor total	206	ft	6503	Btuh
Infiltration	0	cfm	9	Btuh
Subtotal			19588	Btuh
Duct loss			979	Btuh
TOTAL HEAT LOSS			20567	Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 3 sqft)

Load component			Load	
Window total	189	sqft	5780	Btuh
Wall total	1646	sqft	3523	Btuh
Door total	18	sqft	221	Btuh
Ceiling total	1769	sqft	2759	Btuh
Floor total			0	Btuh
Infiltration	0	cfm	4	Btuh
Internal gain			9.66E5	Btuh
Subtotal(sensible)			978288	Btuh
Duct gain			97829	Btuh
Total sensible gain			1.07612	Btuh
Latent gain(infiltration)			6	Btuh
Latent gain(internal)			7.3968E	Btuh
Total latent gain			7.3969E	Btuh
TOTAL HEAT GAIN			1.8158E	Btuh



EnergyGauge® System Sizing based on ACCA Manual J.

PREPARED BY: W. H. H. H.

DATE: 6/14/05

System Sizing Calculations - Winter

Residential Load - Component Details

Pete Geibie

Project Title:
Suwannee Model Cannon Creek Lot 1

Code Only
Professional Version
Climate: South

Reference City: Gainesville (User customized) Winter Temperature Difference: 39.0 F

6/14/2005

Window	Panes/SHGC/Frame/U	Orientation	Area X	HTM=	Load
1	2, Clear, Metal, DEF	N	15.0	28.3	424 Btuh
2	2, Clear, Metal, DEF	N	20.0	28.3	566 Btuh
3	2, Clear, Metal, DEF	N	30.0	28.3	849 Btuh
4	2, Clear, Metal, DEF	E	15.0	28.3	424 Btuh
5	2, Clear, Metal, DEF	E	8.0	28.3	226 Btuh
6	2, Clear, Metal, DEF	E	5.0	28.3	142 Btuh
7	2, Clear, Metal, DEF	S	30.0	28.3	849 Btuh
8	2, Clear, Metal, DEF	S	24.0	28.3	679 Btuh
9	2, Clear, Metal, DEF	N	42.0	28.3	1189 Btuh
Window Total			189		5349 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Exterior	13.0	1646	3.1	5104 Btuh
Wall Total			1646		5104 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exter		18	18.3	324 Btuh
Door Total			18		324Btuh
Ceilings	Type	R-Value	Area X	HTM=	Load
1	Under Attic	30.0	1769	1.3	2299 Btuh
Ceiling Total			1769		2299Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab-On-Grade Edge Insul	0	205.8 ft(p)	31.6	6503 Btuh
Floor Total			206		6503 Btuh
Infiltration	Type	ACH X	Building Volume	CFM=	Load
	Natural	0.40	30(sqft)	0	9 Btuh
	Mechanical			0	0 Btuh
Infiltration Total				0	9 Btuh

Totals for Heating	Subtotal	19588 Btuh
	Duct Loss(using duct multiplier of 0.05)	979 Btuh
	Total Btuh Loss	20567 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(Frame types - metal, wood or insulated metal)
(U - Window U-Factor or 'DEF' for default)
(HTM - ManualJ Heat Transfer Multiplier)

Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)

System Sizing Calculations - Summer

Residential Load - Component Details

Pete Geibie

Project Title:
Suwannee Model Cannon Creek Lot 1

Code Only
Professional Version
Climate: South

Reference City: Gainesville (User customized) Summer Temperature Difference: 23.0 F 6/14/2005

Window	Type	Panes/SHGC/U/InSh/ExSh Ornt	Overhang		Window Area(sqft)			HTM		Load
	Len		Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2, Clear, DEF, N, N	N	1.5	6	15.0	0.0	15.0	24	24	360 Btuh
2	2, Clear, DEF, N, N	N	1.5	6	20.0	0.0	20.0	24	24	480 Btuh
3	2, Clear, DEF, N, N	N	1.5	6	30.0	0.0	30.0	24	24	720 Btuh
4	2, Clear, DEF, N, N	E	1.5	6	15.0	0.0	15.0	24	74	1110 Btuh
5	2, Clear, DEF, N, N	E	1.5	5	8.0	0.0	8.0	24	74	592 Btuh
6	2, Clear, DEF, N, N	E	1.5	2	5.0	3.1	1.9	24	74	214 Btuh
7	2, Clear, DEF, N, N	S	1.5	6	30.0	30.0	0.0	24	39	720 Btuh
8	2, Clear, DEF, N, N	S	1.5	7	24.0	24.0	0.0	24	39	576 Btuh
9	2, Clear, DEF, N, N	N	1.5	7	42.0	0.0	42.0	24	24	1008 Btuh
Window Total					189					5780 Btuh
Walls 1	Type	R-Value		Area			HTM		Load	
	Frame - Exterior	13.0		1646.4			2.1		3523 Btuh	
	Wall Total				1646.4			3523 Btuh		
Doors 1	Type	R-Value		Area			HTM		Load	
	Insulated - Exter			17.7			12.5		221 Btuh	
	Door Total				17.7			221 Btuh		
Ceilings 1	Type/Color	R-Value		Area			HTM		Load	
	Under Attic/Dark	30.0		1768.8			1.6		2759 Btuh	
	Ceiling Total				1768.8			2759 Btuh		
Floors 1	Type	R-Value		Size			HTM		Load	
	Slab-On-Grade Edge Insulation	0.0		205.8 ft(p)			0.0		0 Btuh	
	Floor Total				205.8			0 Btuh		
Infiltration	Type	ACH		Volume			CFM=		Load	
	Natural	0.35		30			0.2		4 Btuh	
	Mechanical						0		0 Btuh	
	Infiltration Total							0		4 Btuh

Internal gain	Occupants	Btuh/occupant			Appliance	Load	
	3216	X	300	+	1200	966000	Btuh

Totals for Cooling	Subtotal	978288 Btuh
	Duct gain(using duct multiplier of 0.10)	97829 Btuh
	Total sensible gain	1076117 Btuh
	Latent infiltration gain (for 51 gr. humidity difference)	6 Btuh
	Latent occupant gain (3216 people @ 230 Btuh per person)	739680 Btuh
	Latent other gain	0 Btuh
TOTAL GAIN		1815803 Btuh

Manual J Summer Calculations

Residential Load - Component Details (continued)

Pete Geibie

Project Title:
Suwannee Model Cannon Creek Lot 1

Code Only
Professional Version
Climate: South

6/14/2005
Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(U - Window U-Factor or 'DEF' for default)
(InSh - Interior shading device: none(N), Blinds/Daperies(B) or Roller Shades(R))
(ExSh - Exterior shading device: none(N) or numerical value)
(Ornt - compass orientation)

**Columbia County Building Department
Culvert Permit**

**Culvert Permit No.
000000790**

DATE 08/30/2005 PARCEL ID # 24-4S-16-03113-000
APPLICANT JOHN JOHNSON PHONE 758.3663
ADDRESS POB 238 WHITE SPRINGS FL 32096
OWNER PETE GIEBEIG PHONE 752.7968
ADDRESS 123 SW GERALD CONNER DR LAKE CITY FL 32024
CONTRACTOR JOHN D. NORRIS PHONE 758.3663
LOCATION OF PROPERTY 90-W TO SISTERS WELCOME TO KICKLIGHTTER TO CANNON CREEK,TR INTO
S/D. TO GEEALD CONNER DR AND IT'S THE 1ST. LOT ON L.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT CANNON CREEK PLACE 1 1

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



23552

NOTICE OF COMMENCEMENT

Inst:2005021809 Date:09/07/2005 Time:13:15
DC,P.DeWitt Cason,Columbia County B:1057 P:1336

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 Cannon Creek Place
123 SW Gerald Conner Drive
2. General Description of Improvement: Construction of Single Family Residence
3. Owner Information:
 - a. Name and Address: Peter W. Giebeig
P.O. Box 1384 Lake City, FL 32056
 - b. Interest in Property: Fee Simple
 - c. Name and Address of Fee Simple titleholder (if other than Owner): _____
4. Contractor (Name and Address): John D. Norris
P.O. Box 238 White Springs, FL 32096
5. Surety:
 - a. Name and Address: N/A
 - b. Amount of Bond: _____
6. Lender (Name and Address): N/A
7. Persons within the State of Florida designated by Owner upon notices or other documents may be Served as provided by 713.13 (1)(a)(7), Florida Statutes.
N/A
8. In addition to himself, the Owner designates the following person to receive a copy of the Lienor's Notice as provided in 713.13 (1)(b), Florida Statutes (Name and Address):
N/A
9. Expiration date of Notice of Commencement (the expiration date is 1 year from the date of Recording unless a different date is specified): _____

Type Owner Name: _____

Peter W. Giebeig
Type Owner Name: Peter W. Giebeig

Elaine K. Tolar
Witness #1 ELAINE K. TOLAR

Sheryl Litteral
Witness #2
Sheryl Litteral

Sworn to and subscribed before me by the
Owner (s) on this 7th day of SEPT. 2005

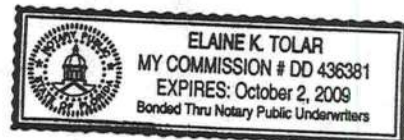
Elaine K. Tolar
Type Name: ELAINE K. TOLAR
Notary Public, State of Florida
COMMISSION EXPIRY / NUMBER:

Personally Known PETER W. GIEBEIG
Produced Identification _____

Did Take an Oath / Did Not Take an Oath _____

STATE OF FLORIDA
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 Donnae Dow
Deputy Clerk
Date 9/7/05



COLUMBIA COUNTY FLORIDA DEPARTMENT OF BUILDING AND ZONING

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 24-4S-16-03113-000

Building permit No. 000023552

Use Classification SFD & UTILITY

Fire: 59.20

Permit Holder JOHN D. NORRIS

Waste: 122.50

Owner of Building PETE GIEBEIG

Total: 181.70

Location: 123 SW GERALD CONNER DR, LAKE CITY, FL 32024

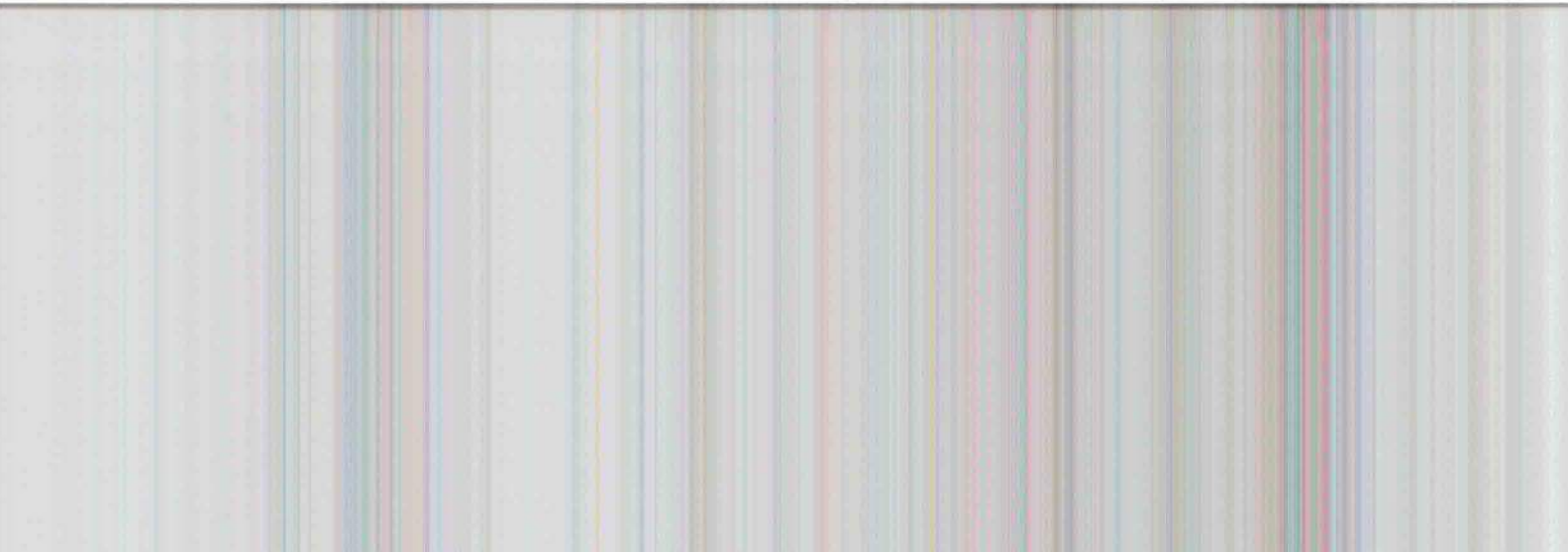
Date: 12/15/2005

Harry Dicks

Building Inspector



POST IN A CONSPICUOUS PLACE
(Business Places Only)



2 3552

Land Surveyors
and Mappers

BRITT SURVEYING

830 West Duval Street • Lake City, FL 32055
Phone (386) 752-7163 • Fax (386) 752-5573



09/01/05

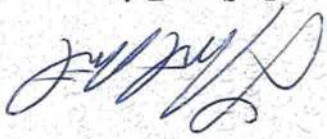
L-16553

To Whom It May Concern:

C/o: Peter W. Giebeig

Re: Lot 1 of Cannon Creek Place

The elevation of the foundation is found to be 108.44 feet. The minimum floor elevation shown on the plat of record is 103.00 feet. The highest adjacent grade is 108.57 feet and the lowest adjacent grade is 108.18 feet. The elevations shown hereon are based on NGVD 29 datum.


L. Scott Britt
PLS #5757

Notice of Treatment

Applicator Florida Pest Control & Chemical Co. 11539

Address 536 SE BAY AVE

City Lake City Phone 752-1703

Site Location Subdivision Cannon Creek Place

Lot# 1 Block# Permit# ~~4444~~ Site 23552

Address UNKNOWN

AREAS TREATED

Area Treated	Date	Time	Gal.	Print Technician's Name
Main Body	<u>8-31-05</u>	<u>0745</u>	<u>374</u>	<u>FZSY</u>
Patio/s #				
Stoop/s #				
Porch/s #				
Brick Veneer				
Extension Walls				
A/C Pad				
Walk/s #				
Exterior of Foundation				
Driveway Apron				
Out Building				
Tub Trap/s				
(Other)				

Name of Product Applied Termidor 80 WG 06 %

Remarks Forbes needs to be done later date (not treated)