

DATE 04/08/2005

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000023002

APPLICANT JOHN D. NORRIS PHONE 758.3663
 ADDRESS POB 238 WHITE SPRINGS FL 32096
 OWNER PETE GIBEIG PHONE 752.7968
 ADDRESS 116 SW LUCY COURT LAKE CITY FL 32024
 CONTRACTOR JOHN NORRIS PHONE 752.7968

LOCATION OF PROPERTY 90-W TO SISTERS WELCOME ROAD, TL GO 1 MILE TO CREEKSIDE S/D ON R, GO TO LOT 10 ON LUCY COURT

TYPE DEVELOPMENT SFD & UTILITY ESTIMATED COST OF CONSTRUCTION 94350.00

HEATED FLOOR AREA 1887.00 TOTAL AREA 2642.00 HEIGHT 17.00 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 12-4S-16-02939-110 SUBDIVISION CREEKSIDE

LOT 10 BLOCK _____ PHASE _____ UNIT _____ TOTAL ACRES 37.00

00000599 RG0066597
 Culvert Permit No. 18"X32'MITERED Culvert Waiver 05-0208-N Contractor's License Number BLK Applicant/Owner/Contractor N
 Driveway Connection _____ Septic Tank Number _____ LU & Zoning checked by _____ Approved for Issuance _____ New Resident _____

COMMENTS: 1 FOOT ABOVE ROAD.
NOC ON FILE

Check # or Cash 3326

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 \$ 475.00 CERTIFICATION FEE \$ 13.21 SURCHARGE FEE \$ 13.21
 MISC. FEES \$.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ _____ WASTE FEE \$ _____
 FLOOD ZONE DEVELOPMENT FEE \$ _____ CULVERT FEE \$ 25.00 **TOTAL FEE** 576.42

INSPECTORS OFFICE _____ CLERKS OFFICE CH

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

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

This Permit Must Be Prominently Posted on Premises During Construction

PLEASE NOTIFY THE COLUMBIA COUNTY BUILDING DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF EACH INSPECTION, IN ORDER THAT IT MAY BE MADE WITHOUT DELAY OR INCONVENIENCE, PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

The Issuance of this Permit Does Not Waive Compliance by Permittee with Deed Restrictions.

Columbia County Building Permit Application

For Office Use Only Application # 050363 Date Received 3/2/05 By GTP Permit # 599/23002
 Application Approved by - Zoning Official BLK Date 07.09.05 Plans Examiner OK JTH Date 3-23-05
 Flood Zone X per plot Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3
 Comments R372 RLD

Applicants Name Jubie Norris Phone 758-3663
 Address P.O. Box 238 White Springs A. 32096
 Owners Name Pete Gieberg Phone 752-7968
 911 Address 116 SW Lucy Court
 Contractors Name John Norris Phone 758-3663
 Address P.O. Box 238 White Springs A. 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

Property ID Number 12-45-16-02939-110 Estimated Cost of Construction 70,000
 Subdivision Name Creek-side Lot 10 Block Unit I Phase
 Driving Directions Go 90 West to sister Welcome Rd. Go 1 mile on Sister Welcome; Creek side is on the right.

Type of Construction Brick veneer Number of Existing Dwellings on Property 0
 Total Acreage 37 AC Lot Size 1/2 Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive
 Actual Distance of Structure from Property Lines - Front 30 27' 7" Side 30 27 Side 30 16 Rear 30 73
 Total Building Height 18' Number of Stories 1 Heated Floor Area 1950 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.

Pete Gieberg
 Owner Builder or Agent (Including Contractor)

John D. Norris
 Contractor Signature
 Contractors License Number RG 0066597
 Competency Card Number

STATE OF FLORIDA
 COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
 this 11th day of MARCH 2005.
 Personally known X or Produced Identification

NOTARY STAMP SEAL
 ELAINE K. TOLAR
 MY COMMISSION # DD 031554
 EXPIRES: October 2, 2005
 Bonded thru Notary Public Underwriters
Elaine K. Tolar
 Notary Signature

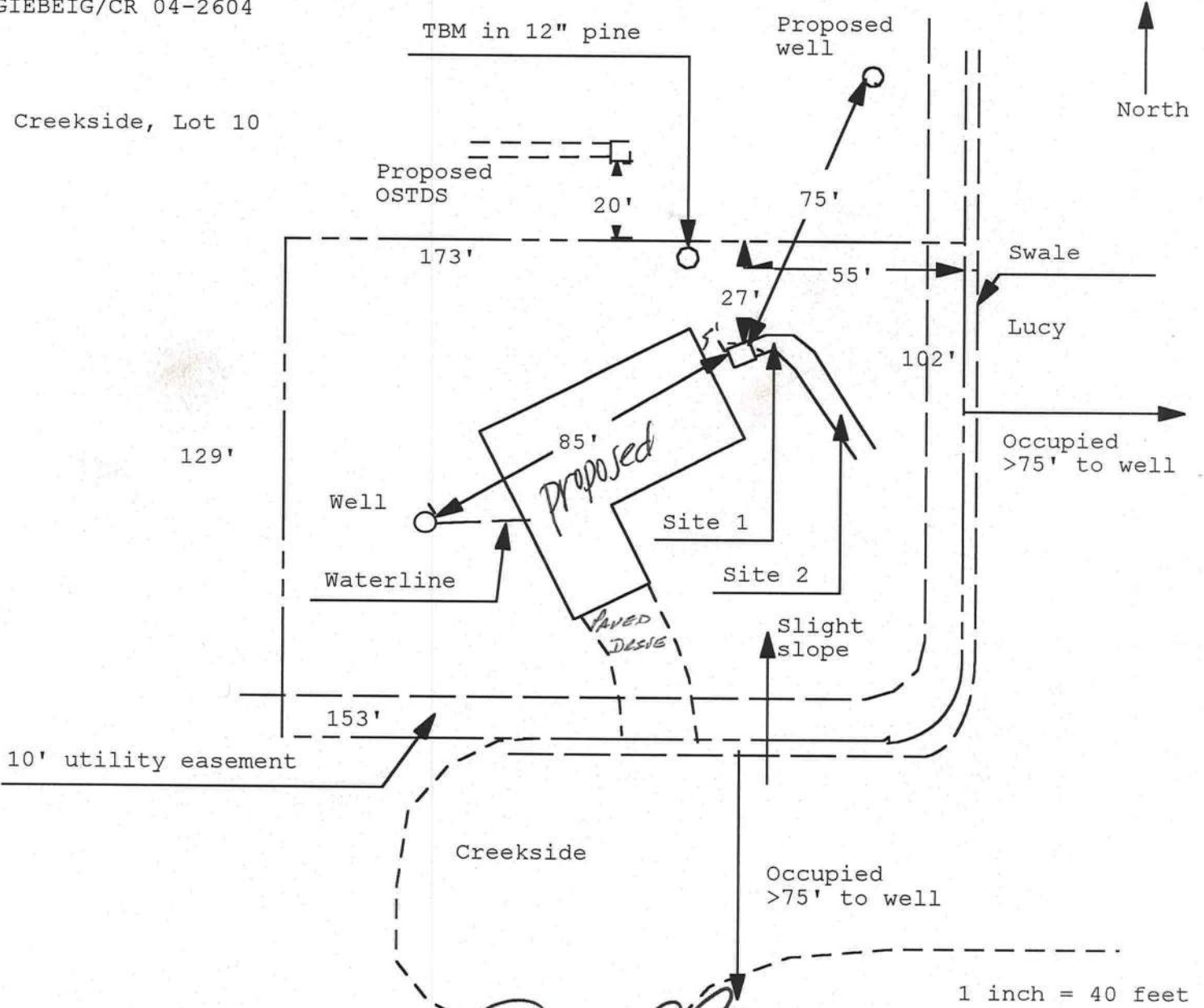
Application for Onsite Sewage Disposal System Construction Permit. Part II Site Plan

Permit Application Number: 05-0208N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

GIEBEIG/CR 04-2604

Creekside, Lot 10



Site Plan Submitted By Paul Lloyd Date 2/10/05

Plan Approved Not Approved Date 3-7-05

By Salli Ghaddy EST-COLUMBIA CPHU

Notes: _____

NOTICE OF COMMENCEMENT

Inst: 2005002779 Date: 02/07/2005 Time: 10:54
DC, P. DeWitt Cason, Columbia County B: 1037 P: 1031

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 # 10 Creekside
116 SW Lucy Court
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

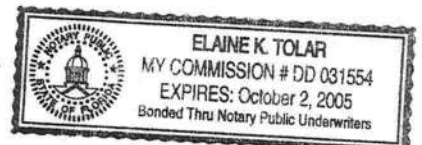
Sheryl Litteral
Witness #1 Sheryl Litteral

Elaine K. Tolar
Witness #2 ELAINE K. Tolar

Sworn to and subscribed before me by the Owner (s) on this 4th day of FEB 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 _____



**Columbia County Building Department
Culvert Permit**

**Culvert Permit No.
000000599**

DATE 04/08/2005 PARCEL ID # 12-4S-16-02939-110
APPLICANT JOHN D.NORRIS PHONE 758.3663
ADDRESS POB 238 WHITE SPRINGS FL 32096
OWNER PETE GIEBEIG PHONE 752.7968
ADDRESS 116 SW LUCY COURT LAKE CITT FL 3204
CONTRACTOR JOHN D.NORRIS PHONE 758.3663
LOCATION OF PROPERTY 90-W TO SISTERS WELCOME ROAD, GO 1 MILE TO CREEKSIDE S/D ON R.
LOT 10 LUCY COURT.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT CREEKSIDE 10

SIGNATURE *John D Norris*

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



FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name: Lot 10 Creekside Address: City, State: , Owner: Climate Zone: South	Builder: <i>Johanna L</i> Permitting Office: <i>COLUMBIA</i> Permit Number: <i>23002</i> Jurisdiction Number: <i>221000</i>
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<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">1. New construction or existing</td> <td style="width: 10%; text-align: center;">New</td> <td style="width: 5%; text-align: center;">___</td> </tr> <tr> <td>2. Single family or multi-family</td> <td style="text-align: center;">Single family</td> <td style="text-align: center;">___</td> </tr> <tr> <td>3. Number of units, if multi-family</td> <td style="text-align: center;">1</td> <td style="text-align: center;">___</td> </tr> <tr> <td>4. Number of Bedrooms</td> <td style="text-align: center;">4</td> <td style="text-align: center;">___</td> </tr> <tr> <td>5. Is this a worst case?</td> <td style="text-align: center;">No</td> <td style="text-align: center;">___</td> </tr> <tr> <td>6. Conditioned floor area (ft²)</td> <td style="text-align: center;">1887 ft²</td> <td style="text-align: center;">___</td> </tr> <tr> <td>7. 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Glass/Floor Area: 0.09	Total as-built points: 27627	PASS
	Total base points: 33318	

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

PREPARED BY: *Walter H. Free*


DATE: *3/1/05*

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	1887.0	32.50	11039.0	Single, Clear	N	1.5	6.0	30.0	36.46	0.94	1028.7
				Single, Clear	N	1.5	6.0	20.0	36.46	0.94	685.8
				Single, Clear	N	1.5	6.0	30.0	36.46	0.94	1028.7
				Single, Clear	S	1.5	6.0	60.0	66.93	0.87	3510.2
				Single, Clear	S	1.5	6.0	25.0	66.93	0.87	1462.6
				Single, Clear	W	1.5	4.0	6.0	70.53	0.83	351.2
				Single, Clear	W	1.5	2.0	5.0	70.53	0.63	222.6
				As-Built Total:			176.0		8289.6		
WALL TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	7.0		1842.0	3.20		5894.4	
Exterior	1842.0	2.70	4973.4								
Base Total:				1842.0		4973.4		As-Built Total:		1842.0 5894.4	
DOOR TYPES Area X BSPM = Points				Type	Area X SPM = Points						
Adjacent	272.0	2.60	707.2	Exterior Wood			34.0	9.40		319.6	
Exterior	34.0	6.40	217.6	Adjacent Wood			76.2	3.80		289.4	
				Adjacent Wood			141.4	3.80		537.5	
				Adjacent Wood			24.5	3.80		93.0	
				Adjacent Wood			16.3	3.80		62.0	
				Adjacent Wood			13.6	3.80		51.7	
Base Total:				306.0		924.8		As-Built Total:		306.0 1353.2	
CEILING TYPES Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points				
Under Attic	1887.0	2.80	5283.6	Under Attic	30.0		2075.0	2.77 X 1.00		5747.8	
Base Total:				1887.0		5283.6		As-Built Total:		2075.0 5747.8	
FLOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Slab	230.2(p)	-20.0	-4604.0	Slab-On-Grade Edge Insulation	0.0		230.2(p)	-20.00		-4604.0	
Raised	0.0	0.00	0.0								
Base Total:				-4604.0		As-Built Total:		230.2		-4604.0	
INFILTRATION Area X BSPM = Points				Area X SPM = Points							
				1887.0		18.79		35456.7			
				1887.0		18.79		35456.7			

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,	PERMIT #:
----------------	-----------

BASE				AS-BUILT						
Summer Base Points:		53073.5		Summer As-Built Points:			52137.7			
Total Summer Points	X System Multiplier	=	Cooling Points	Total Component	X Cap Ratio	X Duct Multiplier <small>(DM x DSM x AHU)</small>	X System Multiplier	X Credit Multiplier	=	Cooling Points
53073.5	0.4266		22641.1	52137.7	1.00	(1.066 x 1.165 x 1.00)	0.341	1.000		22069.1
				52137.7	1.00	1.241	0.341	1.000		22069.1

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	1887.0	2.36	801.6	Single, Clear	N	1.5	6.0	30.0	6.03	0.99	179.5
				Single, Clear	N	1.5	6.0	20.0	6.03	0.99	119.7
				Single, Clear	N	1.5	6.0	30.0	6.03	0.99	179.5
				Single, Clear	S	1.5	6.0	60.0	4.49	1.02	274.8
				Single, Clear	S	1.5	6.0	25.0	4.49	1.02	114.5
				Single, Clear	W	1.5	4.0	6.0	5.49	1.00	33.0
				Single, Clear	W	1.5	2.0	5.0	5.49	1.02	28.0
				As-Built Total:			176.0		928.9		
WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	7.0		1842.0	0.80		1473.6	
Exterior	1842.0	0.60	1105.2								
Base Total:				1842.0		1105.2					
				As-Built Total:		1842.0		1473.6			
DOOR TYPES Area X BWPM = Points				Type	Area X WPM = Points						
Adjacent	272.0	1.30	353.6	Exterior Wood	34.0 2.80 95.2						
Exterior	34.0	1.80	61.2	Adjacent Wood	76.2 1.90 144.7						
				Adjacent Wood	141.4 1.90 268.7						
				Adjacent Wood	24.5 1.90 46.5						
				Adjacent Wood	16.3 1.90 31.0						
				Adjacent Wood	13.6 1.90 25.8						
Base Total:				306.0		414.8					
				As-Built Total:		306.0		612.0			
CEILING TYPES Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points				
Under Attic	1887.0	0.10	188.7	Under Attic	30.0		2075.0	0.10 X 1.00		207.5	
Base Total:				1887.0		188.7					
				As-Built Total:		2075.0		207.5			
FLOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Slab	230.2(p)	-2.1	-483.4	Slab-On-Grade Edge Insulation	0.0		230.2(p)	-2.10		-483.4	
Raised	0.0	0.00	0.0								
Base Total:				-483.4		230.2		-483.4			
				As-Built Total:		230.2		-483.4			
INFILTRATION Area X BWPM = Points				Area X WPM = Points							
1887.0 -0.06 -113.2				1887.0 -0.06 -113.2							

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,	PERMIT #:
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BASE				AS-BUILT					
Winter Base Points:			1913.7	Winter As-Built Points:			2625.3		
Total Winter Points	X System Multiplier	= Heating Points		Total Component	X Cap Ratio	X Duct Multiplier <small>(DM x DSM x AHU)</small>	X System Multiplier	X Credit Multiplier	= Heating Points
1913.7	0.6274	1200.6		2625.3 2625.3	1.000 1.00	(1.087 x 1.137 x 1.00) 1.236	0.487 0.487	1.000 1.000	1581.4 1581.4

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,	PERMIT #:
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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* = 83.4

The higher the score, the more efficient the home.

<p>1. New construction or existing New <input type="checkbox"/></p> <p>2. Single family or multi-family Single family <input type="checkbox"/></p> <p>3. Number of units, if multi-family 1 <input type="checkbox"/></p> <p>4. Number of Bedrooms 4 <input type="checkbox"/></p> <p>5. Is this a worst case? No <input type="checkbox"/></p> <p>6. Conditioned floor area (ft²) 1887 ft² <input type="checkbox"/></p> <p>7. Glass area & type</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;"></td> <td style="width: 15%; text-align: center;">Single Pane</td> <td style="width: 15%; text-align: center;">Double Pane</td> <td style="width: 15%;"></td> </tr> <tr> <td>a. Clear - single pane</td> <td style="text-align: center;">176.0 ft²</td> <td style="text-align: center;">0.0 ft²</td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>b. Clear - double pane</td> <td style="text-align: center;">0.0 ft²</td> <td style="text-align: center;">0.0 ft²</td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>c. Tint/other SHGC - single pane</td> <td style="text-align: center;">0.0 ft²</td> <td style="text-align: center;">0.0 ft²</td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>d. Tint/other SHGC - double pane</td> <td></td> <td></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> </table> <p>8. Floor types</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 45%;">a. Slab-On-Grade Edge Insulation</td> <td style="width: 15%; text-align: center;">R=0.0, 230.2(p) ft</td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> </tr> <tr> <td>b. N/A</td> <td></td> <td></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>c. 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Tint/other SHGC - single pane	0.0 ft ²	0.0 ft ²	<input type="checkbox"/>	d. Tint/other SHGC - double pane			<input type="checkbox"/>	a. Slab-On-Grade Edge Insulation	R=0.0, 230.2(p) ft			b. N/A			<input type="checkbox"/>	c. N/A			<input type="checkbox"/>	a. Frame, Wood, Exterior	R=7.0, 1842.0 ft ²			b. N/A			<input type="checkbox"/>	c. N/A			<input type="checkbox"/>	d. N/A			<input type="checkbox"/>	e. N/A			<input type="checkbox"/>	a. Under Attic	R=30.0, 2075.0 ft ²			b. N/A			<input type="checkbox"/>	c. N/A			<input type="checkbox"/>	a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=7.0, 53.7 ft			b. N/A			<input type="checkbox"/>	<p>12. Cooling systems</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 45%;">a. Central Unit</td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> <td style="width: 15%; text-align: right;">Cap: 37.7 kBtu/hr</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align: right;">SEER: 10.00</td> </tr> <tr> <td>b. N/A</td> <td></td> <td></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>c. N/A</td> <td></td> <td></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> </table> <p>13. Heating systems</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 45%;">a. Electric Heat Pump</td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> <td style="width: 15%; text-align: right;">Cap: 37.7 kBtu/hr</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align: right;">HSPF: 7.00</td> </tr> <tr> <td>b. N/A</td> <td></td> <td></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>c. N/A</td> <td></td> <td></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> </table> <p>14. Hot water systems</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 45%;">a. 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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

Project Title:
Lot 10 Creekside

Code Only
Professional Version
Climate: South

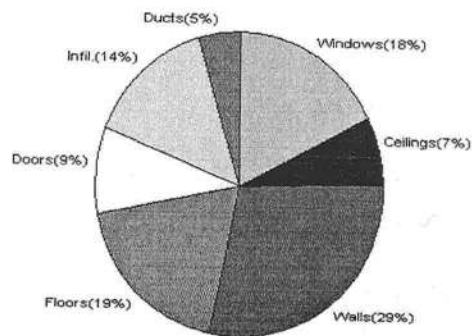
3/1/2005

Location for weather data: Orlando - User customized: Latitude(28) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(44gr.)			
Winter design temperature	38 F	Summer design temperature	98 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	32 F	Summer temperature difference	23 F
Total heating load calculation	32053 Btuh	Total cooling load calculation	33234 Btuh
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	117.7 37740	Sensible (SHR = 0.5)	67.2 18870
Heat Pump + Auxiliary(0.0kW)	117.7 37740	Latent	367.1 18870
		Total (Electric Heat Pump)	113.6 37740

WINTER CALCULATIONS

Winter Heating Load (for 1887 sqft)

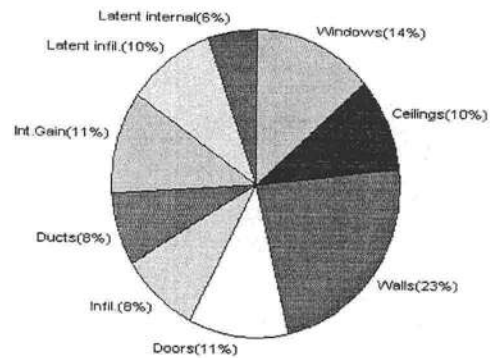
Load component		Load	
Window total	176 sqft	5632	Btuh
Wall total	1842 sqft	9210	Btuh
Door total	306 sqft	3003	Btuh
Ceiling total	2075 sqft	2283	Btuh
Floor total	230 ft	5962	Btuh
Infiltration	126 cfm	4437	Btuh
Subtotal		30527	Btuh
Duct loss		1526	Btuh
TOTAL HEAT LOSS		32053	Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 1887 sqft)

Load component		Load	
Window total	176 sqft	4492	Btuh
Wall total	1842 sqft	7663	Btuh
Door total	306 sqft	3758	Btuh
Ceiling total	2075 sqft	3237	Btuh
Floor total		0	Btuh
Infiltration	110 cfm	2790	Btuh
Internal gain		3600	Btuh
Subtotal(sensible)		25540	Btuh
Duct gain		2554	Btuh
Total sensible gain		28094	Btuh
Latent gain(infiltration)		3300	Btuh
Latent gain(internal)		1840	Btuh
Total latent gain		5140	Btuh
TOTAL HEAT GAIN		33234	Btuh



EnergyGauge® System Sizing based on ACCA Manual J.

PREPARED BY: Walter H. Free

DATE: 3/1/05

System Sizing Calculations - Winter

Residential Load - Component Details

Project Title:
Lot 10 Creekside

Code Only
Professional Version
Climate: South

Reference City: Orlando (User customized) Winter Temperature Difference: 32.0 F

3/1/2005

Window	Panes/SHGC/Frame/U	Orientation	Area X	HTM=	Load
1	1, Clear, Metal, 1.00	N	30.0	32.0	960 Btuh
2	1, Clear, Metal, 1.00	N	20.0	32.0	640 Btuh
3	1, Clear, Metal, 1.00	N	30.0	32.0	960 Btuh
4	1, Clear, Metal, 1.00	S	60.0	32.0	1920 Btuh
5	1, Clear, Metal, 1.00	S	25.0	32.0	800 Btuh
6	1, Clear, Metal, 1.00	W	6.0	32.0	192 Btuh
7	1, Clear, Metal, 1.00	W	5.0	32.0	160 Btuh
Window Total			176		5632 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Exterior	7.0	1842	5.0	9210 Btuh
Wall Total			1842		9210 Btuh
Doors	Type		Area X	HTM=	Load
1	Wood - Exter		34	14.7	500 Btuh
2	Wood - Adjac		76	9.2	701 Btuh
3	Wood - Adjac		141	9.2	1301 Btuh
4	Wood - Adjac		24	9.2	225 Btuh
5	Wood - Adjac		16	9.2	150 Btuh
6	Wood - Adjac		14	9.2	125 Btuh
Door Total			306		3003 Btuh
Ceilings	Type	R-Value	Area X	HTM=	Load
1	Under Attic	30.0	2075	1.1	2282 Btuh
Ceiling Total			2075		2283 Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab-On-Grade Edge Insul	0	230.2 ft(p)	25.9	5962 Btuh
Floor Total			230		5962 Btuh
Infiltration	Type	ACH X	Building Volume	CFM=	Load
	Natural	0.40	18870(sqft)	126	4437 Btuh
	Mechanical			0	0 Btuh
Infiltration Total				126	4437 Btuh

Totals for Heating	Subtotal	30527 Btuh
	Duct Loss(using duct multiplier of 0.05)	1526 Btuh
	Total Btuh Loss	32053 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

Project Title:
Lot 10 Creekside

Code Only
Professional Version
Climate: South

Reference City: Orlando (User customized)

Summer Temperature Difference: 23.0 F

3/1/2005

Window	Type			Overhang		Window Area(sqft)			HTM		Load
	Panes/SHGC/U/InSh/ExSh Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded			
1	1, Clear, 1.00, B, N	N	1.5	6	30.0	0.0	30.0	24	24	720 Btuh	
2	1, Clear, 1.00, B, N	N	1.5	6	20.0	0.0	20.0	24	24	480 Btuh	
3	1, Clear, 1.00, B, N	N	1.5	6	30.0	0.0	30.0	24	24	720 Btuh	
4	1, Clear, 1.00, B, N	S	1.5	6	60.0	60.0	0.0	24	34	1440 Btuh	
5	1, Clear, 1.00, B, N	S	1.5	6	25.0	25.0	0.0	24	34	600 Btuh	
6	1, Clear, 1.00, B, N	W	1.5	4	6.0	0.0	6.0	24	58	348 Btuh	
7	1, Clear, 1.00, B, N	W	1.5	2	5.0	3.1	1.9	24	58	184 Btuh	
Window Total					176					4492 Btuh	
Walls	Type	R-Value		Area			HTM		Load		
	1 Frame - Exterior	7.0		1842.0			4.2		7663 Btuh		
Wall Total					1842.0					7663 Btuh	
Doors	Type	Area			HTM		Load				
	1 Wood - Exter	34.0			12.3		418 Btuh				
2 Wood - Adjac	76.2			12.3		935 Btuh					
3 Wood - Adjac	141.4			12.3		1737 Btuh					
4 Wood - Adjac	24.5			12.3		301 Btuh					
5 Wood - Adjac	16.3			12.3		200 Btuh					
6 Wood - Adjac	13.6			12.3		167 Btuh					
Door Total					306.0					3758 Btuh	
Ceilings	Type/Color	R-Value		Area			HTM		Load		
	1 Under Attic/Dark	30.0		2075.0			1.6		3237 Btuh		
Ceiling Total					2075.0					3237 Btuh	
Floors	Type	R-Value		Size			HTM		Load		
	1 Slab-On-Grade Edge Insulation	0.0		230.2 ft(p)			0.0		0 Btuh		
Floor Total					230.2					0 Btuh	
Infiltration	Type	ACH		Volume			CFM=		Load		
	Natural	0.35		18870			110.3		2790 Btuh		
	Mechanical						0		0 Btuh		
Infiltration Total								110		2790 Btuh	
Internal gain	Occupants		Btuh/occupant		Appliance		Load				
	8		X 300 +		1200		3600 Btuh				

Manual J Summer Calculations

Residential Load - Component Details (continued)

Project Title:
Lot 10 Creekside

Code Only
Professional Version
Climate: South

3/1/2005

Totals for Cooling	Subtotal	25540 Btuh
	Duct gain(using duct multiplier of 0.10)	2554 Btuh
	Total sensible gain	28094 Btuh
	Latent infiltration gain (for 44 gr. humidity difference)	3300 Btuh
	Latent occupant gain (8 people @ 230 Btuh per person)	1840 Btuh
	Latent other gain	0 Btuh
	TOTAL GAIN	33234 Btuh

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)

GERBANO & ASSOCIATES ARCHITECTS P.A.

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 12-4S-16-02939-110 Building permit No. 000023002

Use Classification SFD & UTILITY Fire: 11.34


Permit Holder JOHN NORRIS Waste: 24.50

Owner of Building PETE GIEBEIG Total: 35.84

Location: 116 SW LUCY CT, (CREEKSIDE, LOT 10)

Date: 07/25/2005




Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

Notice of Treatment

Applicator Florida Pest Control & Chemical Co.

Address _____

City _____

Phone _____

Site Location _____

Subdivision _____

Lot# _____ Block# _____ Permit# 23002

Address _____

AREAS TREATED

Area Treated	Date	Time	Gal.	Print Technician's Name
Main Body				
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 _____

Remarks _____

%