

DATE 08/22/2005

Columbia County Building Permit

PERMIT
000023517

This Permit Expires One Year From the Date of Issue

APPLICANT LLOYD PETERSON, JR. PHONE 386.961.9959
 ADDRESS 203 SE PEBBLE CREEK TERRACE LAKE CITY FL 32025
 OWNER LLOYD PETERSON, JR. PHONE 961.9959
 ADDRESS 203 SE PEBBLE VREEK TERRACE LAKE CITY FL 32025
 CONTRACTOR LLOYD PETERSON, JR. PHONE 961.9959

LOCATION OF PROPERTY 41-S TO C-252 TL, AFTER 2 MILES ON PEBBLE CREEK TERRACE, TL AND IT'S THE 4TH HOME ON R.

TYPE DEVELOPMENT ADDITION/SFD ESTIMATED COST OF CONSTRUCTION 40400.00
 HEATED FLOOR AREA 80.00 TOTAL AREA 970.00 HEIGHT 23.00 STORIES 1
 FOUNDATION CONC WALLS FRAMED ROOF PITCH 8'12 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. 1 FLOOD ZONE X DEVELOPMENT PERMIT NO. _____

PARCEL ID 15-4S-17-08359-065 SUBDIVISION COUNTRY CREEK
 LOT 23-25 BLOCK N 1/2 PHASE _____ UNIT _____ TOTAL ACRES 3.50

Culvert Permit No. _____ Culvert Waiver _____ Contractor's License Number _____ Applicant/Owner/Contractor _____
 EXISTING 05-0856-E BLK JDK N
 Driveway Connection _____ Septic Tank Number _____ LU & Zoning checked by _____ Approved for Issuance _____ New Resident _____

COMMENTS: NOC ON FILE .
1 FOOT ABOVE ROAD.
ADDITION LESS THAN 25% OF EXISTING AREA. Check # or Cash 3932

FOR BUILDING & ZONING DEPARTMENT ONLY

Temporary Power _____ Foundation _____ Monolithic _____ (footer/Slab) _____
 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 \$ 205.00 CERTIFICATION FEE \$ 4.85 SURCHARGE FEE \$ 4.85
 MISC. FEES \$.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ _____ WASTE FEE \$ _____
 FLOOD ZONE DEVELOPMENT FEE \$ _____ CULVERT FEE \$ _____ **TOTAL FEE** 264.70
 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

Revised 9-23-04

For Office Use Only Application # 05008-43 Date Received 8/9/05 By JDK Permit # 23517
 Application Approved by - Zoning Official BLK Date 09.08.05 Plans Examiner _____ Date _____
 Flood Zone X Development Permit N/A Zoning RSF-2 Land Use Plan Map Category RES. Low Den
 Comments Need Insect Report

Applicants Name Lloyd Peterson, Jr. Phone 386.961.9959
 Address 203 NE PEBBLE CREEK TERRACE, LAKE CITY, FL 32025
 Owners Name Lloyd + Sandra Peterson Phone SAME
 911 Address SAME AS ABOVE
 Contractors Name OWNER BUILDER Phone _____
 Address _____
 Fee Simple Owner Name & Address _____
 Bonding Co. Name & Address _____
 Architect/Engineer Name & Address William Freeman Design Group
 Mortgage Lenders Name & Address _____

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
 Property ID Number 15-45-17-08359-065 Estimated Cost of Construction _____
 Subdivision Name COUNTRY CREEK Lot# _____ Block _____ Unit _____ Phase _____
 Driving Directions 23-25 + N/2 of LOT 26
41 South to CR # 252, turn left after 2 miles on Pebble Creek terrace
4th house on left R.
 Type of Construction (MANO FRANK) Add. Number of Existing Dwellings on Property 0
 Total Acreage 3.50 Lot Size _____ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
 Actual Distance of Structure from Property Lines - Front 115.71 Side 37' Side 81' Rear 57'
 Total Building Height 221 Number of Stories 1 Heated Floor Area 808 Roof Pitch 2 1/2 x 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.

[Signature]
 Owner Builder or Agent (Including Contractor)

Contractor Signature _____
 Contractors License Number _____
 Competency Card Number _____

STATE OF FLORIDA
 COUNTY OF COLUMBIA
 Sworn to (or affirmed) and subscribed before me
 this 19 day of July 2005
 Personally known or Produced Identification _____



[Signature]
 Notary Signature



Columbia County Property Appraiser

DB Last Updated: 8/3/2005

2005 Proposed Values

Parcel: 15-4S-17-08359-065 HX

Tax Record

Property Card

Interactive GIS Map

Print

Owner & Property Info

Search Result: 1 of 1

Owner's Name	PETERSON LLOYD E JR &
Site Address	PEBBLE CREEK
Mailing Address	SANDRA H PETERSON 203 SE PEBBLE CREEK TER LAKE CITY, FL 32025
Brief Legal	LOTS 23 THRU 25 & N1/2 OF LOT 26 COUNTRY CREEK S/D.. 391-276, 787-685

Use Desc. (code)	SINGLE FAM (000100)
Neighborhood	15417.01
Tax District	2
UD Codes	MKTA01
Market Area	01
Total Land Area	0.000 ACRES

Property & Assessment Values

Mkt Land Value	cnt: (2)	\$31,500.00
Ag Land Value	cnt: (0)	\$0.00
Building Value	cnt: (1)	\$129,238.00
XFOB Value	cnt: (5)	\$15,858.00
Total Appraised Value		\$176,596.00

Just Value	\$176,596.00
Class Value	\$0.00
Assessed Value	\$148,361.00
Exempt Value	(code: HX) \$25,000.00
Total Taxable Value	\$123,361.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
3/4/1994	787/685	WD	V	U	02	\$0.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	SINGLE FAM (000100)	1995	Above Avg. (10)	2391	3307	\$129,238.00
Note: All S.F. calculations are based on exterior building dimensions.						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0166	CONC,PAVMT	1995	\$3,174.00	2116.000	0 x 0 x 0	(.00)
0166	CONC,PAVMT	1995	\$953.00	635.000	0 x 0 x 0	(.00)
0280	POOL R/CON	1995	\$7,455.00	512.000	32 x 16 x 0	(.00)
0282	POOL ENCL	1995	\$3,276.00	900.000	0 x 0 x 0	(.00)
0190	FPLC PF	2004	\$1,000.00	1.000	0 x 0 x 0	(.00)

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000100	SFR (MKT)	1.500 LT - (.000AC)	1.00/1.00/.90/1.00	\$9,000.00	\$13,500.00
000000	VAC RES (MKT)	2.000 LT - (.000AC)	1.00/1.00/.90/1.00	\$9,000.00	\$18,000.00

Columbia County Property Appraiser

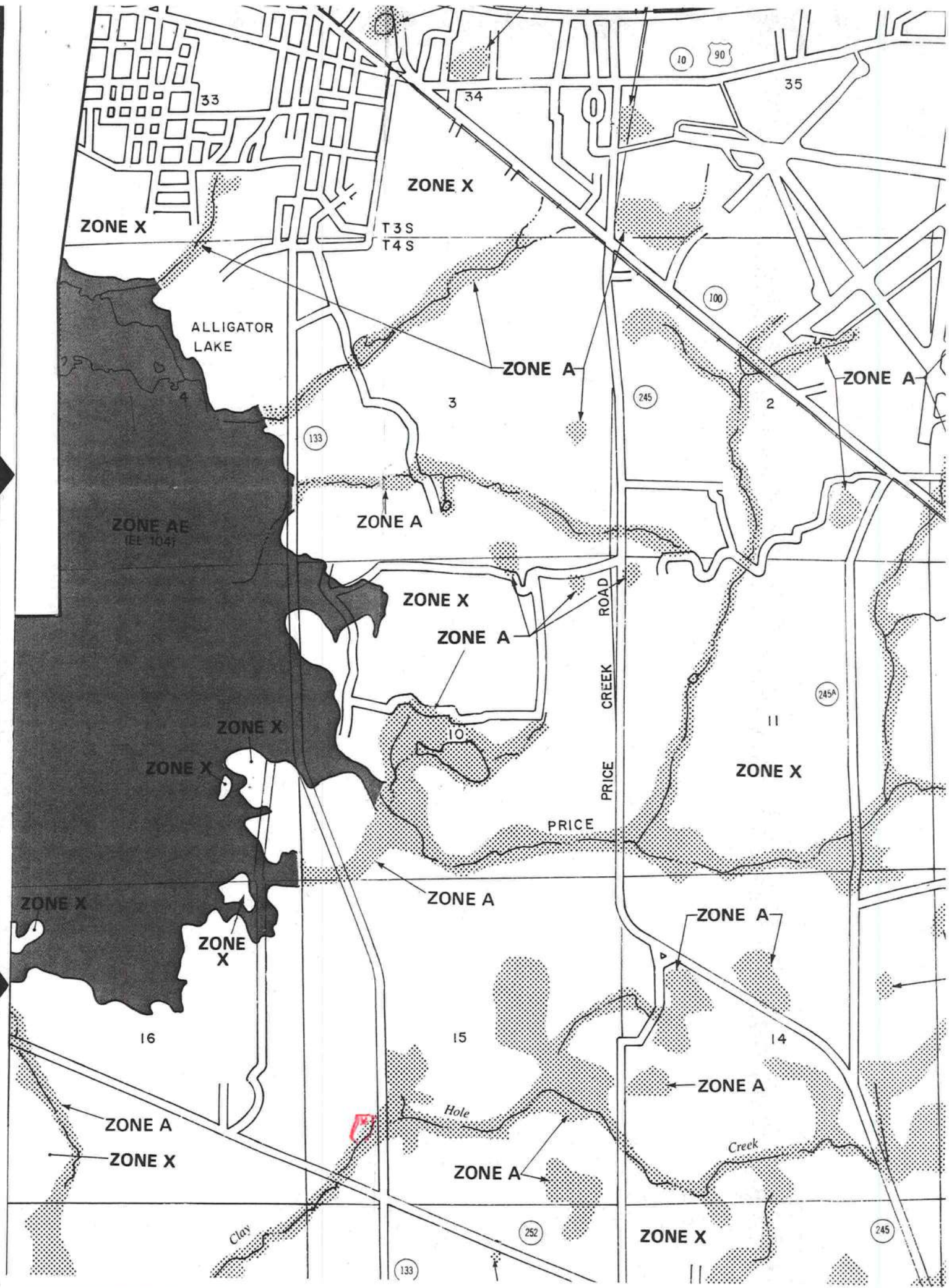
DB Last Updated: 8/3/2005

1 of 1

2

3

4



COLUMBIA COUNTY BUILDING DEPARTMENT
CHECKLIST FOR PERMITTING

Application # _____

- ✓ **Notarized completed Building Permit Application**
Notes: _____
- ✓ **If an Owner Builder, signed Disclosure Statement**
Notes: _____
- ✓ **Recorded Deed or a Notarized Affidavit (form from the Building Dept.)**
Notes: _____
- **Approved and Signed Site Plan from Environmental Health on the septic**
Notes: *Pending*
- ✓ **Site plan with actual distances of the structure to each property line**
Notes: *ON Site Plan*
- ✓ **911 Address form, Contact 386.752.8787 for an appointment**
Notes: _____
- ✓ **Residential or Commercial Checklist completed**
Notes: *Partially filled out*
- ✓ **Driving directions including all road names**
Notes: *ON application*
- ✓ **Well information (on plans or letter from the well driller)**
Notes: *Existing*
- **Before the 1st inspection Recorded Notice of Commencement signed by owner**
Notes: *must be recorded*
- ✓ **2 sets of plans (blueprints)**
Notes: _____
- ✓ **2 sets of sealed truss engineering (GEORGE INGENIUM)**
Notes: *Back order*
- ✓ **2 sets of energy code & manual J**
Notes: _____
- ✓ **2 sets of engineering packets including specs on windows, doors, roof and etc.**
Notes: _____

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name: Lloyd Peterson Address: City, State: , Owner: Climate Zone: South	Builder: Permitting Office: Permit Number: Jurisdiction Number:
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1. New construction or existing New <input type="checkbox"/> 2. Single family or multi-family Single family <input type="checkbox"/> 3. Number of units, if multi-family 1 <input type="checkbox"/> 4. Number of Bedrooms 3 <input type="checkbox"/> 5. Is this a worst case? No <input type="checkbox"/> 6. Conditioned floor area (ft ²) 4374 ft² 7. Glass area & type Single Pane Double Pane a. Clear glass, default U-factor 0.0 ft² 250.0 ft² b. Default tint 0.0 ft² 0.0 ft² c. Labeled U or SHGC 0.0 ft² 0.0 ft² 8. Floor types R=0.0, 328.8(p) ft a. Slab-On-Grade Edge Insulation R=0.0, 328.8(p) ft b. N/A <input type="checkbox"/> c. N/A <input type="checkbox"/> 9. Wall types R=13.0, 2630.4 ft² a. Frame, Wood, Exterior R=13.0, 2630.4 ft² b. N/A <input type="checkbox"/> c. N/A <input type="checkbox"/> d. N/A <input type="checkbox"/> e. N/A <input type="checkbox"/> 10. Ceiling types R=30.0, 4811.4 ft² a. Under Attic R=30.0, 4811.4 ft² b. N/A <input type="checkbox"/> c. N/A <input type="checkbox"/> 11. Ducts Sup. R=6.0, 91.4 ft a. Sup: Unc. Ret: Unc. AH: Interior Sup. R=6.0, 91.4 ft b. N/A <input type="checkbox"/>	12. Cooling systems a. Central Unit Cap: 60.0 kBtu/hr SEER: 12.00 b. N/A <input type="checkbox"/> c. N/A <input type="checkbox"/> 13. Heating systems a. Electric Heat Pump Cap: 60.0 kBtu/hr HSPF: 7.40 b. N/A <input type="checkbox"/> c. N/A <input type="checkbox"/> 14. Hot water systems a. Electric Resistance Cap: 50.0 gallons EF: 0.90 b. N/A <input type="checkbox"/> c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump) <input type="checkbox"/> 15. HVAC credits PT, CF, <input type="checkbox"/> (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)
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Glass/Floor Area: 0.06	Total as-built points: 38994 Total base points: 60864	PASS
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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: 7/24/05

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 #:
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BASE	AS-BUILT																																																															
GLASS TYPES .18 X Conditioned X BSPM = Points Floor Area	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Type/SC</th> <th colspan="3">Overhang</th> <th rowspan="2">Area X SPM X SOF = Points</th> </tr> <tr> <th>Ornt</th> <th>Len</th> <th>Hgt</th> </tr> </thead> <tbody> <tr> <td>.18</td> <td>4374.0</td> <td>32.50</td> <td>25587.9</td> <td></td> </tr> <tr> <td>Double, Clear</td> <td>N</td> <td>1.5</td> <td>6.0</td> <td>50.0 31.93 0.94 1501.2</td> </tr> <tr> <td>Double, Clear</td> <td>N</td> <td>1.5</td> <td>6.0</td> <td>20.0 31.93 0.94 600.5</td> </tr> <tr> <td>Double, Clear</td> <td>W</td> <td>1.5</td> <td>5.0</td> <td>48.0 61.59 0.88 2610.8</td> </tr> <tr> <td>Double, Clear</td> <td>N</td> <td>1.5</td> <td>7.0</td> <td>48.0 31.93 0.96 1465.2</td> </tr> <tr> <td>Double, Clear</td> <td>E</td> <td>1.5</td> <td>7.0</td> <td>18.0 68.60 0.94 1162.3</td> </tr> <tr> <td>Double, Clear</td> <td>S</td> <td>1.5</td> <td>7.0</td> <td>18.0 58.45 0.91 957.7</td> </tr> <tr> <td>Double, Clear</td> <td>S</td> <td>1.5</td> <td>7.0</td> <td>18.0 58.45 0.91 957.7</td> </tr> <tr> <td>Double, Clear</td> <td>W</td> <td>1.5</td> <td>4.0</td> <td>6.0 61.59 0.83 306.7</td> </tr> <tr> <td>Double, Clear</td> <td>W</td> <td>1.5</td> <td>7.0</td> <td>24.0 61.59 0.94 1392.2</td> </tr> <tr> <td colspan="4">As-Built Total:</td> <td>250.0 10954.2</td> </tr> </tbody> </table>	Type/SC	Overhang			Area X SPM X SOF = Points	Ornt	Len	Hgt	.18	4374.0	32.50	25587.9		Double, Clear	N	1.5	6.0	50.0 31.93 0.94 1501.2	Double, Clear	N	1.5	6.0	20.0 31.93 0.94 600.5	Double, Clear	W	1.5	5.0	48.0 61.59 0.88 2610.8	Double, Clear	N	1.5	7.0	48.0 31.93 0.96 1465.2	Double, Clear	E	1.5	7.0	18.0 68.60 0.94 1162.3	Double, Clear	S	1.5	7.0	18.0 58.45 0.91 957.7	Double, Clear	S	1.5	7.0	18.0 58.45 0.91 957.7	Double, Clear	W	1.5	4.0	6.0 61.59 0.83 306.7	Double, Clear	W	1.5	7.0	24.0 61.59 0.94 1392.2	As-Built Total:				250.0 10954.2
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SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,	PERMIT #:
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BASE				AS-BUILT							
Summer Base Points: 121375.5				Summer As-Built Points: 107033.1							
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
121375.5	0.4266		51778.8	107033.1 107033.1	1.000 1.00	(1.073 x 1.165 x 0.90)	1.125	0.284 0.284	0.902 0.902		30882.1 30882.1

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,	PERMIT #:
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BASE	AS-BUILT																																																															
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WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,	PERMIT #:
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BASE				AS-BUILT						
Winter Base Points:		3153.4		Winter As-Built Points:			2335.5			
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
3153.4	0.6274		1978.4	<small>2335.5</small> 2335.5	1.000 1.00	<small>(1.099 x 1.137 x 0.91)</small> 1.137	0.461 0.461	0.950 0.950		<small>1162.6</small> 1162.6

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,	PERMIT #:
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BASE				AS-BUILT									
WATER HEATING													
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X	Tank Ratio	X	Multiplier	X	Credit Multiplier	= Total
3		2369.00	7107.0	50.0	0.90	3		1.00		2316.36		1.00	6949.1
				As-Built Total:									6949.1

CODE COMPLIANCE STATUS							
BASE				AS-BUILT			
Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	
51779		1978		7107		60864	
30882		1163		6949		38994	

PASS



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* = 89.5

The higher the score, the more efficient the home.

1. New construction or existing	New	—	12. Cooling systems	
2. Single family or multi-family	Single family	—	a. Central Unit	Cap: 96.0 kBtu/hr
3. Number of units, if multi-family	1	—	b. N/A	SEER: 12.00
4. Number of Bedrooms	3	—	c. N/A	
5. Is this a worst case?	No	—	13. Heating systems	
6. Conditioned floor area (ft ²)	4374 ft ²	—	a. Electric Heat Pump	Cap: 96.0 kBtu/hr
7. Glass area & type	Single Pane	Double Pane	b. N/A	HSPF: 7.40
a. Clear - single pane	0.0 ft ²	250.0 ft ²	c. N/A	
b. Clear - double pane	0.0 ft ²	0.0 ft ²	14. Hot water systems	
c. Tint/other SHGC - single pane	0.0 ft ²	0.0 ft ²	a. Electric Resistance	Cap: 50.0 gallons
d. Tint/other SHGC - double pane	0.0 ft ²	0.0 ft ²	b. N/A	EF: 0.90
8. Floor types			c. Conservation credits	
a. Slab-On-Grade Edge Insulation	R=0.0, 328.8(p) ft	—	(HR-Heat recovery, Solar	
b. N/A		—	DHP-Dedicated heat pump)	
c. N/A		—	15. HVAC credits	PT, CF, —
9. Wall types			(CF-Ceiling fan, CV-Cross ventilation,	
a. Frame, Wood, Exterior	R=13.0, 2630.4 ft ²	—	HF-Whole house fan,	
b. N/A		—	PT-Programmable Thermostat,	
c. N/A		—	MZ-C-Multizone cooling,	
d. N/A		—	MZ-H-Multizone heating)	
e. N/A		—		
10. Ceiling types				
a. Under Attic	R=30.0, 4811.4 ft ²	—		
b. N/A		—		
c. N/A		—		
11. Ducts				
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 91.4 ft	—		
b. N/A		—		

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

Builder Signature: _____

Date: _____

Address of New Home: _____

City/FL Zip: _____



**NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE 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 (800) 352-3333. Version: FLRCPB v3.30)*

Residential System Sizing Calculation

Summary

Project Title:
Lloyd Peterson

Code Only
Professional Version
Climate: South

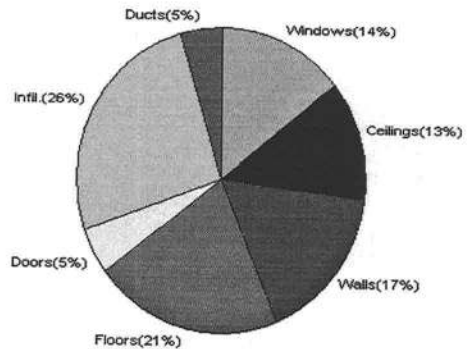
7/20/2005

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	49116 Btuh	Total cooling load calculation	48106 Btuh
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	195.5 96000	Sensible (SHR = 0.5)	126.8 48000
Heat Pump + Auxiliary(0.0kW)	195.5 96000	Latent	468.5 48000
		Total (Electric Heat Pump)	199.6 96000

WINTER CALCULATIONS

Winter Heating Load (for 4374 sqft)

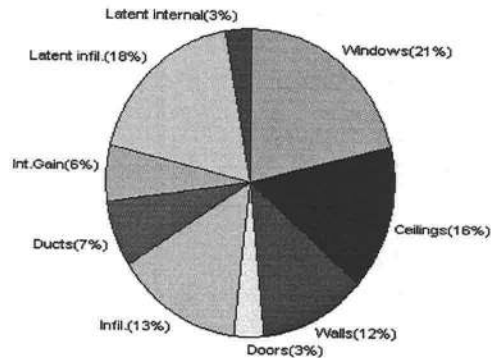
Load component		Load	
Window total	250 sqft	7075	Btuh
Wall total	2630 sqft	8154	Btuh
Door total	129 sqft	2368	Btuh
Ceiling total	4811 sqft	6255	Btuh
Floor total	329 ft	10390	Btuh
Infiltration	292 cfm	12535	Btuh
Subtotal		46777	Btuh
Duct loss		2339	Btuh
TOTAL HEAT LOSS		49116	Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 4374 sqft)

Load component		Load	
Window total	250 sqft	10202	Btuh
Wall total	2630 sqft	5629	Btuh
Door total	129 sqft	1612	Btuh
Ceiling total	4811 sqft	7506	Btuh
Floor total		0	Btuh
Infiltration	256 cfm	6468	Btuh
Internal gain		3000	Btuh
Subtotal(sensible)		34418	Btuh
Duct gain		3442	Btuh
Total sensible gain		37860	Btuh
Latent gain(infiltration)		8866	Btuh
Latent gain(internal)		1380	Btuh
Total latent gain		10246	Btuh
TOTAL HEAT GAIN		48106	Btuh



EnergyGauge® System Sizing based on ACCA Manual J.

PREPARED BY: Lloyd Peterson

DATE: 7/20/05

System Sizing Calculations - Winter

Residential Load - Component Details

Project Title:
Lloyd Peterson

Code Only
Professional Version
Climate: South

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

7/20/2005

Window	Panes/SHGC/Frame/U	Orientation	Area X	HTM=	Load
1	2, Clear, Metal, DEF	N	50.0	28.3	1415 Btuh
2	2, Clear, Metal, DEF	N	20.0	28.3	566 Btuh
3	2, Clear, Metal, DEF	W	48.0	28.3	1358 Btuh
4	2, Clear, Metal, DEF	N	48.0	28.3	1358 Btuh
5	2, Clear, Metal, DEF	E	18.0	28.3	509 Btuh
6	2, Clear, Metal, DEF	S	18.0	28.3	509 Btuh
7	2, Clear, Metal, DEF	S	18.0	28.3	509 Btuh
8	2, Clear, Metal, DEF	W	6.0	28.3	170 Btuh
9	2, Clear, Metal, DEF	W	24.0	28.3	679 Btuh
Window Total			250		7075 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Exterior	13.0	2630	3.1	8154 Btuh
Wall Total			2630		8154 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exter		61	18.3	1122 Btuh
2	Insulated - Exter		68	18.3	1246 Btuh
Door Total			129		2368 Btuh
Ceilings	Type	R-Value	Area X	HTM=	Load
1	Under Attic	30.0	4811	1.3	6255 Btuh
Ceiling Total			4811		6255 Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab-On-Grade Edge Insul	0	328.8 ft(p)	31.6	10390 Btuh
Floor Total			329		10390 Btuh
Infiltration	Type	ACH X	Building Volume	CFM=	Load
	Natural	0.40	43740(sqft)	292	12535 Btuh
	Mechanical			0	0 Btuh
Infiltration Total				292	12535 Btuh

Totals for Heating	Subtotal	46777 Btuh
	Duct Loss(using duct multiplier of 0.05)	2339 Btuh
	Total Btuh Loss	49116 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:
Lloyd Peterson

Code Only
Professional Version
Climate: South

Reference City: Gainesville (User customized) Summer Temperature Difference: 23.0 F 7/20/2005

Window	Type		Overhang		Window Area(sqft)			HTM		Load
	Panes/SHGC/U/InSh/ExSh Ornt		Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded	
1	2, Clear, DEF, N, N	N	1.5	6	50.0	0.0	50.0	24	24	1200 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	W	1.5	5	48.0	12.0	36.0	24	74	2954 Btuh
4	2, Clear, DEF, N, N	N	1.5	7	48.0	0.0	48.0	24	24	1152 Btuh
5	2, Clear, DEF, N, N	E	1.5	7	18.0	0.0	18.0	24	74	1332 Btuh
6	2, Clear, DEF, N, N	S	1.5	7	18.0	18.0	0.0	24	39	432 Btuh
7	2, Clear, DEF, N, N	S	1.5	7	18.0	18.0	0.0	24	39	432 Btuh
8	2, Clear, DEF, N, N	W	1.5	4	6.0	0.0	6.0	24	74	444 Btuh
9	2, Clear, DEF, N, N	W	1.5	7	24.0	0.0	24.0	24	74	1776 Btuh
Window Total					250					10202 Btuh
Walls	Type		R-Value		Area		HTM		Load	
1	Frame - Exterior		13.0		2630.4		2.1		5629 Btuh	
Wall Total					2630.4				5629 Btuh	
Doors	Type		R-Value		Area		HTM		Load	
1	Insulated - Exter				61.2		12.5		764 Btuh	
2	Insulated - Exter				68.0		12.5		849 Btuh	
Door Total					129.2				1612 Btuh	
Ceilings	Type/Color		R-Value		Area		HTM		Load	
1	Under Attic/Dark		30.0		4811.4		1.6		7506 Btuh	
Ceiling Total					4811.4				7506 Btuh	
Floors	Type		R-Value		Size		HTM		Load	
1	Slab-On-Grade Edge Insulation		0.0		328.8 ft(p)		0.0		0 Btuh	
Floor Total					328.8				0 Btuh	
Infiltration	Type		ACH		Volume		CFM=		Load	
	Natural		0.35		43740		255.7		6468 Btuh	
	Mechanical						0		0 Btuh	
Infiltration Total							256		6468 Btuh	
Internal gain	Occupants		Btuh/occupant		Appliance		Load			
	6		X 300 +		1200		3000 Btuh			

Manual J Summer Calculations

Residential Load - Component Details (continued)

Project Title:
Lloyd Peterson

Code Only
Professional Version
Climate: South

7/20/2005

Totals for Cooling	Subtotal	34418 Btuh
	Duct gain(using duct multiplier of 0.10)	3442 Btuh
	Total sensible gain	37860 Btuh
	Latent infiltration gain (for 51 gr. humidity difference)	8866 Btuh
	Latent occupant gain (6 people @ 230 Btuh per person)	1380 Btuh
	Latent other gain	0 Btuh
	TOTAL GAIN	48106 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)

DISCLOSURE STATEMENT

FOR OWNER/BUILDER WHEN ACTING AS THEIR OWN CONTRACTOR AND CLAIMING EXEMPTION OF CONTRACTOR LICENSING REQUIREMENTS IN ACCORDANCE WITH FLORIDA STATUTES, ss. 489.103(7).

State law requires construction to be done by licensed contractors. You have applied for a permit under an exemption to that law. The exemption allows you, as the owner of your property, to act as your own contractor with certain restrictions even though you do not have a license. You must provide direct, onsite supervision of the construction yourself. You may build or improve a one-family or two-family residence or a farm outbuilding. You may also build or improve a commercial building, provided your costs do not exceed \$25,000. The building or residence must be for your own use or occupancy. It may not be built or substantially improved for sale or lease. If you sell or lease a building you have built or substantially improved yourself within 1 year after the construction is complete, the law will presume that you built or substantially improved it for sale or lease, which is a violation of this exemption. You may not hire an unlicensed person to act as your contractor or to supervise people working on your building. It is your responsibility to make sure that people employed by you have licenses required by state law and by county or municipal licensing ordinances. You may not delegate the responsibility for supervising work to a licensed contractor who is not licensed to perform the work being done. Any person working on your building who is not licensed must work under your direct supervision and must be employed by you, which means that you must deduct F.I.C.A. and withholding tax and provide workers' compensation for that employee, all as prescribed by law. Your construction must comply with all applicable laws, ordinances, building codes, and zoning regulations.

TYPE OF CONSTRUCTION

- Single Family Dwelling
- Farm Outbuilding
- New Construction

- Two-Family Residence
- Other _____

Addition, Alteration, Modification or other Improvement

NEW CONSTRUCTION OR IMPROVEMENT

I LLOYD PETERSON, JR., have been advised of the above disclosure statement for exemption from contractor licensing as an owner/builder. I agree to comply with all requirements provided for in Florida Statutes ss.489.103(7) allowing this exception for the construction permitted by Columbia County Building Permit Number _____


Signature

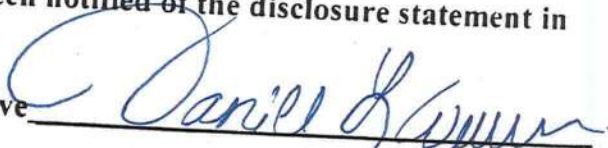
7/19/05
Date

FOR BUILDING USE ONLY

I hereby certify that the above listed owner/builder has been notified of the disclosure statement in Florida Statutes ss:489.103(7).

Date 7-19-05

Building Official/Representative



@ CAM112M01 S CamaUSA Appraisal System
 7/19/2005 15:52 Legal Description Maintenance
 Year T Property Sel
 2005 R 15-4S-17-08359-065
 203 PEBBLE CREEK TER SE LAKE CITY
 HX PETERSON LLOYD E JR &

Columbia		Count
31500	Land	002
	AG	000
129238	Bldg	001
15858	Xfea	005
176596	TOTAL	

1	LOTS 23 THRU 25 & N1/2 OF LOT 26 COUNTRY CREEK S/D...	2
3	391-276, 787-685	4
5		6
7		8
9		10
11		12
13		14
15		16
17		18
19		20
21		22
23		24
25		26
27		28

Mnt 9/05/2001 JEFF

F1=Task F3=Exit F4=Prompt F10=GoTo PgUp/PgDn F24=More

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.

Tax Parcel ID Number 15-45-17-08359-065


1. Description of property: (legal description of the property and street address or 911 address)
203 VE PEBBLE CREEK TERRACE
LAKE CITY, FL 32025
2. General description of Improvement: Addition to (71)
3. Owner Name & Address Lloyd & SANDRA PETERSON, JR.
203 SE PEBBLE CREEK TERRACE, LAKE CITY, FL 32025 Interest in Property 100%
4. Name & Address of Fee Simple Owner (if other than owner): Same
5. Contractor Name Lloyd Peterson - OWNER Phone Number 386.961.9959
Address _____
6. Surety Holders Name _____ Phone Number _____
Address _____
Amount of Bond _____ Inst:2005020255 Date:08/19/2005 Time:13:01
7. Lender Name MK DC, P. DeWitt Cason, Columbia County B:1055 P:2015
Address _____ Phone Number _____
8. Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes:
Name _____ Phone Number _____
Address _____
9. In addition to himself/herself the owner designates _____ of _____
to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) -
(a) 7. Phone Number of the designee _____
10. Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of recording, (Unless a different date is specified) _____

NOTICE AS PER CHAPTER 713, Florida Statutes:

The owner must sign the notice of commencement and no one else may be permitted to sign in his/her stead.

[Signature]
Signature of Owner

Sworn to (or affirmed) and subscribed before
day of July 19, 2005

NOTARY STAMP/SEAL


[Signature]
Signature of Notary