

DATE 05/12/2005

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000023137

APPLICANT KEVIN BEDENBAUGH PHONE 386 792-4061
ADDRESS P.O. BOX 1416 LIVE OAK FL 32064
OWNER JAMES HAIR PHONE 752-7277
ADDRESS 313 NW KATELYN WAY LAKE CITY FL 32055
CONTRACTOR KEVIN BEDENBAUGH PHONE 386 792-4061
LOCATION OF PROPERTY 90W, TR ON BROWN ROAD, TR ON ETHAN, TL ON KATELYN WAY,
TO THE END OF CUL-DE-SAC

TYPE DEVELOPMENT MODULAR HOME ESTIMATED COST OF CONSTRUCTION .00
HEATED FLOOR AREA TOTAL AREA HEIGHT .00 STORIES 1
FOUNDATION WALLS ROOF PITCH FLOOR
LAND USE & ZONING RSF/MH2 MAX. HEIGHT
Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00
NO. EX.D.U. 0 FLOOD ZONE X PP DEVELOPMENT PERMIT NO.

PARCEL ID 28-3S-16-02377-131 SUBDIVISION MAGNOLIA PLACE
LOT 31 BLOCK PHASE UNIT TOTAL ACRES .69

000000660 N RB0066597
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owher/Contractor
CULVERT PERMIT 05-0414-N BK Y
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: ONE FOOT ABOVE THE ROAD, NOC ON FILE

Check # or Cash 4762

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 \$.00 CERTIFICATION FEE \$.00 SURCHARGE FEE \$.00
MISC. FEES \$ 200.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ 22.68 WASTE FEE \$ 49.00
FLOOD ZONE DEVELOPMENT FEE \$ CULVERT FEE \$ 25.00 TOTAL FEE 346.68

INSPECTORS OFFICE CLERKS OFFICE

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

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

This Permit Must Be Prominently Posted on Premises During Construction

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

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

For Office Use Only Application # 0504-82 Date Received 4/25/05 By GP Permit # 660/23137
Application Approved by - Zoning Official _____ Date _____ Plans Examiner OK JTH Date 5-2-05
Flood Zone X p-gh Development Permit N/A Zoning RSE/MH-2 Land Use Plan Map Category RES. Lw Dev.
Comments _____

Applicants Name JAMES L HARR Phone 386752-7277
Address 314 N MARION AVE LAke city FL 32055
Owners Name SAME Phone _____
911 Address 313 NW Katelyn way
Contractors Name Plumb level Kevin Phone 386.938.5585
Address P.O BOX 1416 LIVE OAK FLA 32064
Fee Simple Owner Name & Address N/A
Bonding Co. Name & Address N/A
Architect/Engineer Name & Address PROFESSIONAL ENGINEER 1765 CARNEGIE AVE CLEARWATER FL 33756
Mortgage Lenders Name & Address N/A
Circle the correct power company FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
Property ID Number 28-35-16-02377-131 Estimated Cost of Construction 118,000
Subdivision Name Magnolia Hills Lot 31 Block _____ Unit _____ Phase _____
Driving Directions Hwy 90 west @ on Brown turn left @ on Ethan go to the stop sign. turn @ on Katelyn way go to the end of the street.
Type of Construction Modular Home Number of Existing Dwellings on Property 0
Total Acreage .69 Lot Size _____ Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive
Actual Distance of Structure from Property Lines - Front 25 Side 69' Side 67' Rear 90'
Total Building Height _____ Number of Stories 1 Heated Floor Area 1530 Roof Pitch 7/12

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.

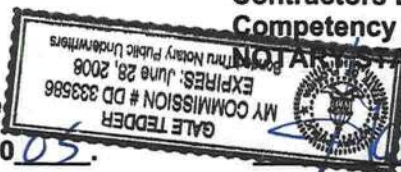
WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

Kevin Bedenbaugh
Owner Builder or Agent (Including Contractor)

Kevin Bedenbaugh
Contractor Signature
Contractors License Number R30066597
Competency Card Number 5281

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
this 10th day of May 2005.
Personally known ✓ or Produced Identification _____



Gale Tedder
Notary Signature

NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

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 28-35-16-02377-131

1. Description of property: (legal description of the property and street address or 911 address)
 Hwy 90 west @ Brown Road @ Ethan @ on
Katelyn End of road.
Lot 31 Magnolia Hills Subdivision
2. General description of improvement: Home . septic . well . culvert
3. Owner Name & Address JAMES L HARR 314 N MARION AVE LAKE CITY FL 32055
Interest in Property _____
4. Name & Address of Fee Simple Owner (if other than owner): _____
5. Contractor Name Kevin L Bechenbrough Phone Number 386 438-5588
Address P.O BOX 1416 LIVE OAK 32064
6. Surety Holders Name _____ Phone Number _____
Address _____
Amount of Bond _____
7. Lender Name CASH Phone Number _____
Address _____
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 JAMES L HARR Phone Number 752-7277
Address 314 N MARION AVE LAKE CITY FL 32055
9. In addition to himself/herself the owner designates Plumb level construction of
PO BOX 1416 LIVE OAK FL 32064 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.

James L Harr
Signature of Owner

Inst: 2005009570 Date: 04/26/2005 Time: 10:46
YAT DC, P. DeWitt Cason, Columbia County B: 1044 P: 847

Sworn to (or affirmed) and subscribed before
day of APRIL 26, 2005

NOTARY STAMP/SEAL

Elizabeth DuBose
My Commission DD100909
Expires March 17 2006

Elizabeth DuBose
Signature of Notary

**Columbia County Property
Appraiser**

DB Last Updated: 4/4/2005

Parcel: 28-3S-16-02377-131

2005 Proposed Values

Tax Record

Property Card

Interactive GIS Map

Print

Owner & Property InfoSearch Result: 20 of
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Owner's Name	HAIR JAMES LAMBERT II
Site Address	MAGNOLIA HILLS S/D
Mailing Address	351 NW GWEN LAKE BLVD LAKE CITY, FL 32055
Brief Legal	LOT 31 MAGNOLIA HILLS S/D. ORB 805-1554, 959-121. 980-1850.

Use Desc. (code)	VACANT (000000)
Neighborhood	28316.06
Tax District	2
UD Codes	MKTA06
Market Area	06
Total Land Area	0.000 ACRES

Property & Assessment Values

Mkt Land Value	cnt: (1)	\$8,775.00
Ag Land Value	cnt: (0)	\$0.00
Building Value	cnt: (0)	\$0.00
XFOB Value	cnt: (0)	\$0.00
Total Appraised Value		\$8,775.00

Just Value	\$8,775.00
Class Value	\$0.00
Assessed Value	\$8,775.00
Exempt Value	\$0.00
Total Taxable Value	\$8,775.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
4/11/2003	980/1850	WD	V	U	03	\$100,000.00
6/27/2002	959/121	WD	V	U	08	\$150,000.00
6/27/2002	959/121	WD	V	U	08	\$150,000.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
NONE						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
NONE						

Land Breakdown

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Columbia County Property Appraiser

J. Doyle Crews, CFA - Lake City, Florida - 386-758-1083

PARCEL: 28-3S-16-02377-131 - VACANT (000000)

LOT 31 MAGNOLIA HILLS S/D. ORB 805-1554, 959-121. 980-1850.

Name: HAIR JAMES LAMBERT II
 Site: MAGNOLIA HILLS S/D
 Mail: 351 NW GWEN LAKE BLVD
 LAKE CITY, FL 32055

4/11/2003\$100,000.00 V/
 U

Sales 6/27/2002\$150,000.00 V/
 Info U

6/27/2002\$150,000.00 V/
 U

LandVal	\$8,775.00
BldgVal	\$0.00
ApprVal	\$8,775.00
JustVal	\$8,775.00
Assd	\$8,775.00
Exmpt	\$0.00
Taxable	\$8,775.00

0 210 420 630 ft



This information, GIS Map Updated: 4/4/2005, was derived from data which was compiled by the
http://appraiser.columbiacountyfla.com/GIS/Print_Map.asp?pjbnlkplhgmeclpoffdddhfacbd... 4/26/2005

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000000	VAC RES (MKT)	1.000 LT - (.000AC)	1.00/1.00/.65/1.00	\$8,775.00	\$8,775.00

Columbia County Property Appraiser

DB Last Updated: 4/4/2005

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Disclaimer

This information was derived from data which was compiled by the Columbia County Property Appraiser's Office solely for the government purpose of property assessment. The information shown is a **work in progress** and should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's Office. The assessed values are **NOT CERTIFIED** values and therefore are subject to change before finalized for ad-valorem assessment purposes.

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STATE OF FLORIDA
DEPARTMENT OF HEALTH

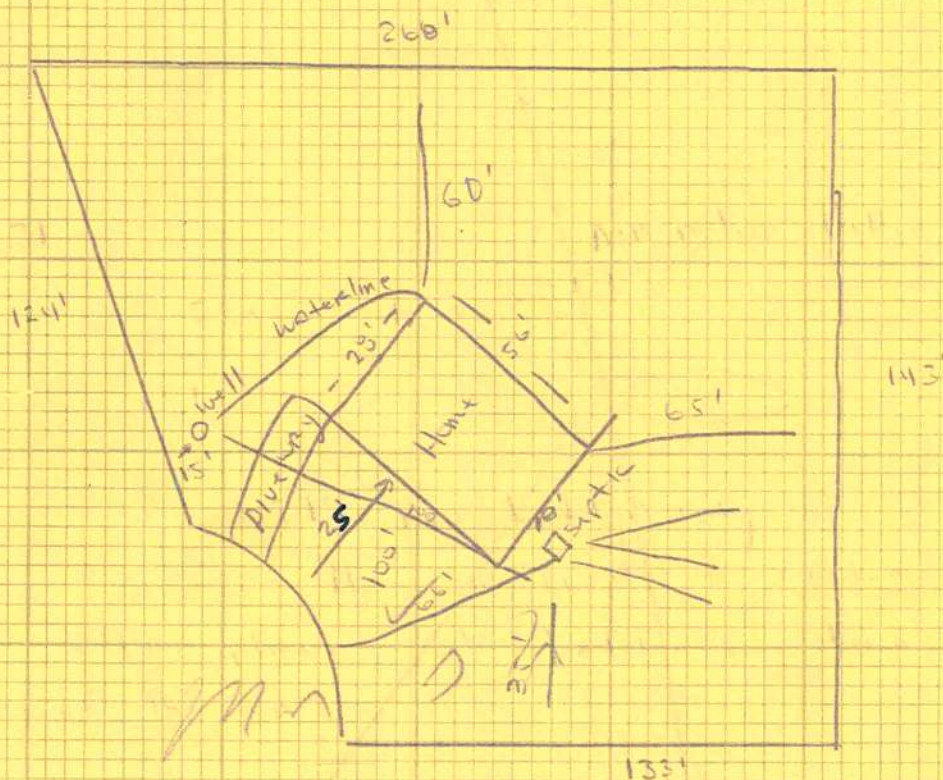
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number

Yhair
05-04141
~~05-04141~~

PART II - SITE PLAN

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



4-20-05
Columbia

Notes:

Site Plan submitted by: JAMES HAIR

Signature

owner

Title

Plan Approved ☒

Not Approved ☐

Date

4-20-05

By

Columbia

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name: **AD-82FL**
Address: **AD-82FL NORTH**
City, State: ,
Owner:
Climate Zone: **North**

Builder:
Permitting Office:
Permit Number: **23137**
Jurisdiction Number: **221000**

1. New construction or existing	New	—
2. Single family or multi-family	Single family	—
3. Number of units, if multi-family	1	—
4. Number of Bedrooms	4	—
5. Is this a worst case?	Yes	—
6. Conditioned floor area (ft ²)	1530 ft ²	—
7. Glass area & type	Single Pane	Double Pane
a. Clear glass, default U-factor	0.0 ft ²	8.1 ft ²
b. Default tint	0.0 ft ²	0.0 ft ²
c. Labeled U or SHGC	0.0 ft ²	129.0 ft ²
8. Floor types		
a. Raised Wood, Stem Wall	ft ²	—
b. N/A	—	—
c. N/A	—	—
9. Wall types		
a. Frame, Wood, Exterior	R=13.0, 1211.0 ft ²	—
b. N/A	—	—
c. N/A	—	—
d. N/A	—	—
e. N/A	—	—
10. Ceiling types		
a. Under Attic	R=30.0, 1530.0 ft ²	—
b. N/A	—	—
c. N/A	—	—
11. Ducts		
a. Sup: Unc. Ret: Unc. AH: Attic	Sup. R=6.0, 150.0 ft	—
b. N/A	—	—
12. Cooling systems		
a. Central Unit	Cap: 36.0 kBtu/hr	—
	SEER: 12.00	—
b. N/A	—	—
c. N/A	—	—
13. Heating systems		
a. Electric Heat Pump	Cap: 34.0 kBtu/hr	—
	HSPF: 6.60	—
b. N/A	—	—
c. N/A	—	—
14. Hot water systems		
a. Electric Resistance	Cap: 50.0 gallons	—
	EF: 0.97	—
b. N/A	—	—
c. Conservation credits		—
(HR-Heat recovery, Solar		—
DHP-Dedicated heat pump)		—
15. HVAC credits		PT, —
(CF-Ceiling fan, CV-Cross ventilation,		—
HF-Whole house fan,		—
PT-Programmable Thermostat,		—
MZ-C-Multizone cooling,		—
MZ-H-Multizone heating)		—

Glass/Floor Area: 0.09

Total as-built points: 25015

Total base points: 27154

PASS

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

PREPARED BY: W KanDATE: 10/20/04

I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.

OWNER/AGENT: _____

DATE: _____

Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes.



Date _____ Plan No. _____
Reviewed By **JAMES A. LYONS**

BUILDING OFFICIAL: _____DATE: James A. Lyons

Modular Building Plans Examiner
Florida License No. SMP-12

SEE MANUFACTURER'S CONTRACT
WITH FLORIDA DCA.

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: AD-82FL NORTH, , ,

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	1530.0	20.04	5519.0	Double,U=0.48,Clear	W	0.0	0.0	90.0	40.43	1.00	3638.4
				Double,U=0.48,Clear	E	0.0	0.0	9.0	43.92	1.00	395.3
				Double,U=0.48,Clear	E	0.0	0.0	30.0	43.92	1.00	1317.5
				Double, Clear	N	0.0	0.0	8.1	19.20	1.00	155.5
				As-Built Total:			137.1			5506.7	
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			1211.0	1.50	1816.5	
Exterior	1211.0	1.70	2058.7								
Base Total:				As-Built Total:			1211.0			1816.5	
DOOR TYPES											
Area X BSPM = Points				Type	Area X SPM = Points						
Adjacent	0.0	0.00	0.0	Exterior Insulated	40.0 4.10 164.0						
Exterior	40.0	6.10	244.0								
Base Total:				As-Built Total:			40.0 164.0				
CEILING TYPES											
Area X BSPM = Points				Type	R-Value			Area X SPM X SCM = Points			
Under Attic	1530.0	1.73	2646.9	Under Attic	30.0			1530.0	1.73 X 1.00	2646.9	
Base Total:				As-Built Total:			1530.0 2646.9				
FLOOR TYPES											
Area X BSPM = Points				Type	R-Value			Area X SPM = Points			
Slab	0.0(p)	0.0	0.0	Raised Wood, Stern Wall	19.0			1530.0	-1.50	-2295.0	
Raised	1530.0	-3.99	-6104.7								
Base Total:				As-Built Total:			1530.0 -2295.0				
INFILTRATION											
Area X BSPM = Points				Area X SPM = Points							
	1530.0	10.21	15621.3	1530.0 10.21 15621.3							

SUMMER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: AD-82FL NORTH, , ,	PERMIT #:
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BASE				AS-BUILT							
Summer Base Points:		19985.2		Summer As-Built Points:						23460.4	
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
19985.2		0.4266	8525.7	23460.4		1.000	(1.090 x 1.147 x 1.11)	0.284	0.950		8796.9
				23460.4		1.00	1.388	0.284	0.950		8796.9

WINTER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: AD-82FL NORTH, , ,

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	1530.0	12.74	3508.6	Double,U=0.48,Clear	W	0.0	0.0	90.0	9.51	1.00	856.2	
				Double,U=0.48,Clear	E	0.0	0.0	9.0	7.72	1.00	69.5	
				Double,U=0.48,Clear	E	0.0	0.0	30.0	7.72	1.00	231.6	
				Double, Clear	N	0.0	0.0	8.1	24.58	1.00	199.1	
				As-Built Total:							137.1	
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	1211.0	3.40				4117.4	
Exterior	1211.0	3.70	4480.7									
Base Total:			As-Built Total:					1211.0			4117.4	
DOOR TYPES Area X BWPM = Points				Type						Area X WPM = Points		
Adjacent	0.0	0.00	0.0	Exterior Insulated			40.0	8.40				336.0
Exterior	40.0	12.30	492.0									
Base Total:			As-Built Total:					40.0			336.0	
CEILING TYPES Area X BWPM = Points				Type		R-Value			Area X WPM X WCM = Points			
Under Attic	1530.0	2.05	3136.5	Under Attic	30.0			1530.0	2.05 X 1.00		3136.5	
Base Total:			As-Built Total:					1530.0			3136.5	
FLOOR TYPES Area X BWPM = Points				Type	R-Value			Area X WPM = Points				
Slab	0.0(p)	0.0	0.0	Raised Wood, Stem Wall	19.0	1530.0		0.80				1224.0
Raised	1530.0	0.96	1468.8									
Base Total:			As-Built Total:					1530.0			1224.0	
INFILTRATION Area X BWPM = Points							Area X WPM = Points					
	1530.0	-0.59	-902.7				1530.0	-0.59		-902.7		

WINTER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: AD-82FL NORTH, , ,	PERMIT #:
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BASE				AS-BUILT							
Winter Base Points: 12183.9				Winter As-Built Points: 9267.5							
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	
12183.9		0.6274	7644.2	9267.5		1.000	(1.069 x 1.169 x 1.10)	0.517	0.950	6252.9	
				9267.5		1.00	1.375	0.517	0.950	6252.9	

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: AD-82FL NORTH, , ,

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 = Total Multiplier
4		2746.00		10984.0	50.0	0.97	4		1.00	2491.22
					As-Built Total:					9964.9

CODE COMPLIANCE STATUS							
BASE					AS-BUILT		
Cooling Points	+	Heating Points	+	Hot Water Points = Total Points	Cooling Points	+	Heating Points + Hot Water Points = Total Points
8526		7644		10984	27154		8797
							6253
							9965
							25015

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: AD-82FL NORTH, , ,

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* = 84.3

The higher the score, the more efficient the home.

, AD-82FL NORTH, , ,

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	4	b. N/A	
5. Is this a worst case?	Yes	c. N/A	
6. Conditioned floor area (ft ²)	1530 ft ²		
7. Glass area & type	Single Pane Double Pane	13. Heating systems	
a. Clear - single pane	0.0 ft ² 8.1 ft ²	a. Electric Heat Pump	Cap: 34.0 kBtu/hr
b. Clear - double pane	0.0 ft ² 0.0 ft ²	b. N/A	HSPF: 6.60
c. Tint/other SHGC - single pane	0.0 ft ² 129.0 ft ²	c. N/A	
d. Tint/other SHGC - double pane			
8. Floor types		14. Hot water systems	
a. Raised Wood, Stem Wall	R=19.0, 1530.0ft ²	a. Electric Resistance	Cap: 50.0 gallons
b. N/A		b. N/A	EF: 0.97
c. N/A		c. Conservation credits	
9. Wall types		(HR-Heat recovery, Solar	
a. Frame, Wood, Exterior	R=13.0, 1211.0 ft ²	DHP-Dedicated heat pump)	
b. N/A		15. HVAC credits	PT,
c. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
d. N/A		HF-Whole house fan,	
e. N/A		PT-Programmable Thermostat,	
10. Ceiling types		MZ-C-Multizone cooling,	
a. Under Attic	R=30.0, 1530.0 ft ²	MZ-H-Multizone heating)	
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Attic	Sup. R=6.0, 150.0 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 Office (Version: FLRCSB v3.30)*

**Columbia County Building Department
Culvert Permit**

**Culvert Permit No.
000000660**

DATE 05/12/2005 PARCEL ID # 28-3S-16-02377-131
APPLICANT KEVIN BEDENBAUGH PHONE 792-4061
ADDRESS P.O. BOX 1416 LIVE OAK FL 32064
OWNER JAMES HAIR PHONE 752-7277
ADDRESS 314 NW KATELYN WAY LAKE CITY FL 32055
CONTRACTOR KEVIN BEDENBAUGH/PLUMB LEVEL PHONE 792-4061
LOCATION OF PROPERTY 90W, TR ON BROWN RD, TR ON ETHAN, TL ON KATELYN WAY, TO END OF
CUL-DE-SAC

SUBDIVISION/LOT/BLOCK/PHASE/UNIT MAGNOLIA HILLS 31
SIGNATURE Kevin Bedenbaugh

INSTALLATION REQUIREMENTS



Culvert size will be 18 inches in diameter with a total length of 32 feet, leaving 24 feet of driving surface. Both ends will be mitered 4 foot with a 4 : 1 slope and poured with a 4 inch thick reinforced concrete slab.

INSTALLATION NOTE: Turnouts will be required as follows:

- a) a majority of the current and existing driveway turnouts are paved, or;
 - b) the driveway to be served will be paved or formed with concrete.
- Turnouts shall be concrete or paved a minimum of 12 feet wide or the width of the concrete or paved driveway, whichever is greater. The width shall conform to the current and existing paved or concreted turnouts.



Culvert installation shall conform to the approved site plan standards.



Department of Transportation Permit installation approved standards.



Other _____

**ALL PROPER SAFETY REQUIREMENTS SHOULD BE FOLLOWED
DURING THE INSTALLATION OF THE CULVERT.**

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

Amount Paid 25.00



COLUMBIA COUNTY
OFFICE OF
PERMITTING

M/H 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 28-3S-16-02377-131

Building permit No. 000023137

Permit Holder KEVIN BEDENBAUGH

Owner of Building JAMES HAIR

Location: 313 NW KATELYN WAY, LAKE CITY, FL 32055



Date: 07/15/2005

Randy Davis
Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

Date	Inspection	Inspect.	Owner	Pass	Location	Permit
05/26/05	Footer	Harry	Plumb-Level Const. - Hair	OK	Magnolia Hills Lot 31	23137
05/26/05	Set Backs	Harry	Plumb-Level Const. - Hair	OK	Magnolia Hills Lot 31	23137
06/03/05	Lintel	Harry	Plumb-Level Const. - Hair	OK	Magnolia Hills Lot 31	23137
07/05/05	Perm Power	HD-RJ	Plumb-Level Const. - Hair	OK	Magnolia Hills Lot 31	23137



Cal-Tech Testing, Inc.

- Engineering
 - Geotechnical
 - Environmental
- Laboratories

P.O. Box 1625 • Lake City, FL 32056-1625 • Tel(386)755-3633 • Fax(386)752-5456
6919 Distribution Ave. S., Unit #5, Jacksonville, FL 32257 • Tel(904)262-4046 • Fax(904)4047

JOB NO.: 05-267
DATE TESTED: 5/26/2005
DATE REPORTED: 6/2/2005

REPORT OF IN-PLACE DENSITY TEST

PROJECT:	Lot # 31, Magnolia Hills, Lake City	
CLIENT:	JSL Properties, 314 N. Marion Ave., Lake City, Florida 32055	
GENERAL CONTRACTOR:	JSL Properties	23187
EARTHWORK CONTRACTOR:	JSL Properties	
INSPECTOR:	Clay Allen	
ASTM METHOD (D-2922) Nuclear		SOIL USE BUILDING FILL
SPECIFICATION REQUIREMENTS: 95%		

TEST NO.	TEST LOCATION	TEST DEPTH	WET DENSITY (lb/ft ³)	MOISTURE PERCENT	DRY DENSITY (lb/ft ³)	PROCTOR TEST NO.	PROCTOR VALUE	% MAXIMUM DENSITY
1	15' NE from SW Corner of Pad	0 - 12"	112.7	2.0	110.5	PIT	111.0	99.5%
2	20' SW from NE Corner of Pad	0 - 12"	112.2	2.4	109.6	PIT	111.0	98.7%
3	15' NW from SE Corner of Pad	0 - 12"	111.8	2.1	109.5	PIT	111.0	98.6%

REMARKS: The Above Tests Meet Specification Requirements.

PROCTORS				
TEST NO.	SOIL DESCRIPTION	MAXIMUM DRY UNIT WEIGHT (lb/ft ³)	OPT. MOIST.	TYPE
PIT	Light Brown Fine Sand	111.0	11.5	MODIFIED (ASTM D-1557)

Respectfully Submitted,
CAL-TECH TESTING, INC.

Linda M. Creamer

Linda M. Creamer
President
EO
ta

The test results presented in this report are specific only to the samples tested at the time of testing. The tests were performed in accordance with generally accepted methods and standards. Since material conditions can vary between test locations and

Reviewed By:

John C. Dorman

John C. Dorman, P.E., PhD
Florida Registration No.: 52612

Date: 6/2/05

"Excellence in Engineering & Geoscience"