

642-64

Columbia County Building Permit Application

CK# 2001

For Office Use Only Application # 0711-81 Date Received 11/3/07 By LS Permit # 1497/26506
 Zoning Official BLK Date 11.12.07 Flood Zone X per plot FEMA Map # N/A Zoning RSF-2
 Land Use RES Low Dens Elevation N/A MFE N/A River N/A Plans Examiner OK JH Date 2-10-07
 Comments _____
☒ NOC ☐ EH ☒ Deed or PA ☒ Site Plan ☐ State Road Info ☐ Parent Parcel # _____
☐ Dev Permit # _____ ☐ In Floodway ☐ Letter of Authorization from Contractor
☐ Unincorporated area ☐ Incorporated area ☐ Town of Fort White ☐ Town of Fort White Compliance letter

Fax 719-9586
 Name Authorized Person Signing Permit Susan Eagle Phone 623-6612
 Address 258 NW Beert Ave. Lake City, FL 32055
 Owners Name ~~Tom~~ Susan Eagle Phone 623-6612
 911 Address 456 SW Heathridge Dr. Lake City, FL 32024
 Contractors Name Mark James Lipscomb Phone 623-9141
 Address 872 SW Jaguar Dr. Lake City, FL 32025
 Fee Simple Owner Name & Address N/A
 Bonding Co. Name & Address N/A
 Architect/Engineer Name & Address Mark Disosway 754-5419
 Mortgage Lenders Name & Address First Federal 90w 755-0600
 Circle the correct power company FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progress Energy

Property ID Number 33-35-16-02438-169 Estimated Cost of Construction 175,000
 Subdivision Name Emerald Cove Lot 69 Block _____ Unit _____ Phase 1
 Driving Directions 90w, pass 175, Left on Heathridge Dr, property on Right on corner of Heathridge Dr + Fieldstone Court. Number of Existing Dwellings on Property 0
 Construction of Single Family Frame Dwelling Total Acreage .5 Lot Size .5 Acre
 Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height _____
 Actual Distance of Structure from Property Lines - Front 27'9" Side 89'2" Side 70' Rear 30'6"
 Number of Stories 2 Heated Slab Floor Area 2064 Total Heated Floor Area 2264 Roof Pitch 8/12

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.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment

According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment, even if you have paid your contractor in full. This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or other services which your contractor may have failed to pay.

NOTICE OF RESPONSIBILITY TO BUILDING PERMITEE:

YOU ARE HEREBY NOTIFIED as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes to lot grades that result in ponding of water, or other damage to roadway and other public infrastructure facilities caused by you or your contractor, subcontractors, agents or representatives in the construction and/or improvement of the building and lot for which this permit is issued. No certificate of occupancy will be issued until all corrective work to these public infrastructures and facilities has been corrected.

OWNERS CERTIFICATION: 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. I further understand the above written responsibilities in Columbia County for obtaining this Building Permit.

Susan Eagle
Owners Signature

CONTRACTORS AFFIDAVIT: By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit.

James Mark Lipscomb
Contractor's Signature (Permittee)

Contractor's License Number CBC1253543
Columbia County
Competency Card Number _____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 30 day of Nov 2007.
Personally known ☒ or Produced Identification _____

Susan L. Holt
State of Florida Notary Signature (For the Contractor)

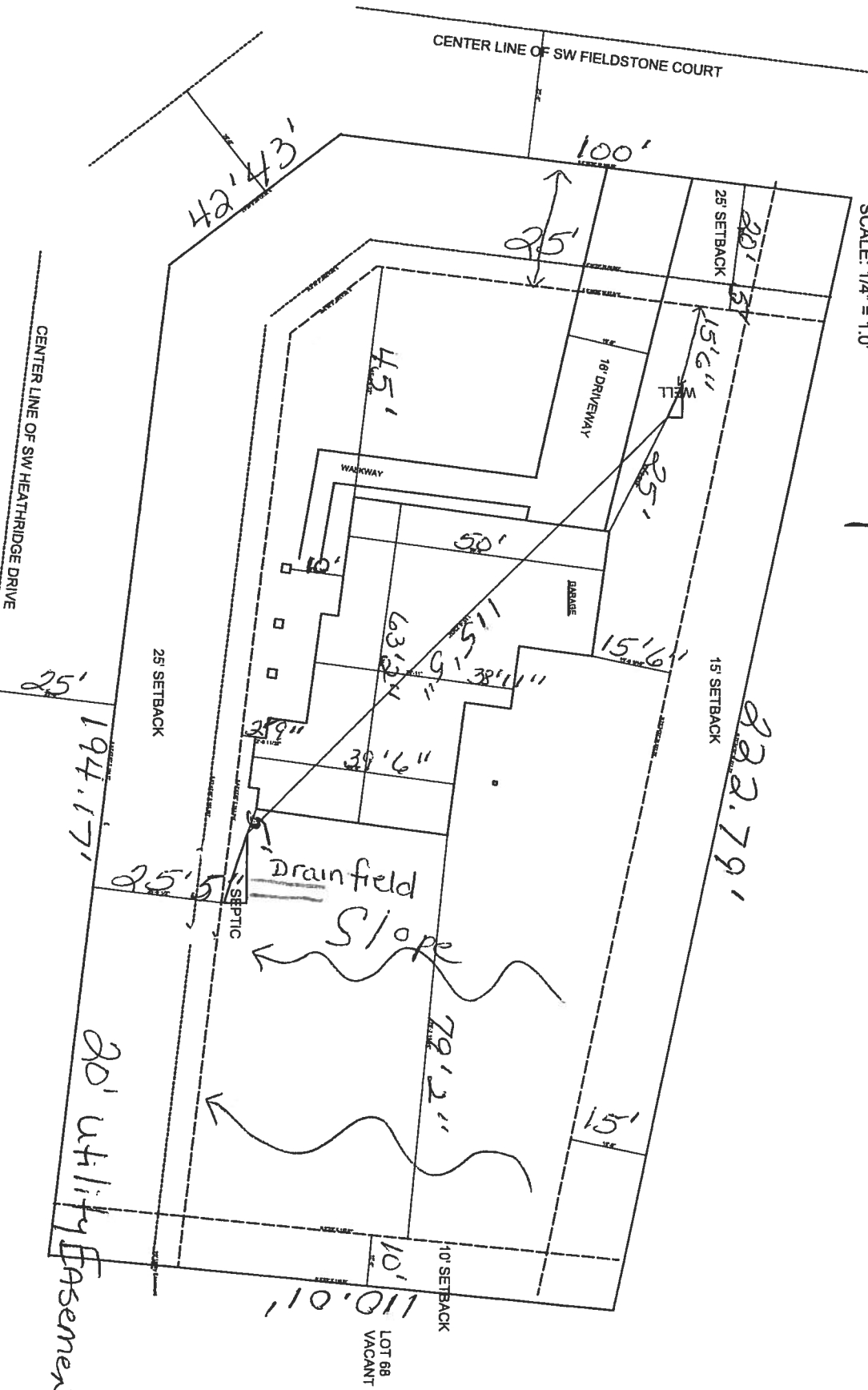
SEAL:



Susan L. Holton
Commission #DD431203
Expires: MAY 19, 2009
www.AARONNOTARY.com

EXISTING HOUSE

SITE PLAN
LOT 69 EMERALD COVE PHASE 1
THE KAITYLN MODEL
SCALE: 1/4" = 1.0'



20' utility easement

Susan
Cagle
11/30/07

HALL'S PUMP & WELL SERVICE, INC.

SPECIALIZING IN 4"-6" WELLS



DONALD AND MARY HALL
OWNERS

PHONE (904) 752-1854
FAX (904) 755-7022
~~XXXXXXXXXXXXXXXXXXXX~~
LAKE CITY, FLORIDA 32055
904 NW Main Blvd.

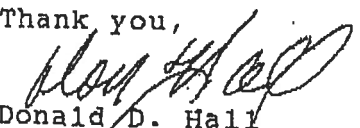
June 12, 2002

NOTICE TO ALL CONTRACTORS

Please be advised that due to the new building codes we will use a large capacity diaphragm tank on all new wells. This will insure a minimum of one (1) minute draw down or one (1) minute refill. If a smaller diaphragm tank is used then we will install a cycle stop valve which will produce the same results.

If you have any questions please feel free to call our office anytime.

Thank you,


Donald D. Hall
DDH/jk

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Whole Building Performance Method A

Project Name: **711271LipscombEagleDevelopment**
 Address: **Lot: 69, Sub: Emerald Cove, Plat:**
 City, State: **, FL**
 Owner: **Spec House**
 Climate Zone: **North**

Builder: **Lipscomb**
 Permitting Office: **Columbia**
 Permit Number: **26506**
 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 | 3 | ___ |
| 5. Is this a worst case? | Yes | ___ |
| 6. Conditioned floor area (ft²) | 2064.7 ft² | ___ |
| 7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default) | | |
| a. U-factor: | Description Area | |
| (or Single or Double DEFAULT) | 7a. (Dble Default) 214.8 ft² | ___ |
| b. SHGC: | | |
| (or Clear or Tint DEFAULT) | 7b. (Clear) 214.8 ft² | ___ |
| 8. Floor types | | |
| a. Slab-On-Grade Edge Insulation | R=0.0, 220.0(p) ft | ___ |
| b. N/A | | ___ |
| c. N/A | | ___ |
| 9. Wall types | | |
| a. Frame, Wood, Exterior | R=13.0, 1705.2 ft² | ___ |
| b. Frame, Wood, Adjacent | R=13.0, 220.0 ft² | ___ |
| c. N/A | | ___ |
| d. N/A | | ___ |
| e. N/A | | ___ |
| 10. Ceiling types | | |
| a. Under Attic | R=30.0, 2114.0 ft² | ___ |
| b. N/A | | ___ |
| c. N/A | | ___ |
| 11. Ducts | | |
| a. Sup: Unc. Ret: Unc. AH: Interior | Sup. R=6.0, 180.0 ft | ___ |
| b. N/A | | ___ |

- | | | |
|--|-------------------|-----|
| 12. Cooling systems | | |
| a. Central Unit | Cap: 42.0 kBtu/hr | ___ |
| | SEER: 13.00 | ___ |
| b. N/A | | ___ |
| c. N/A | | ___ |
| 13. Heating systems | | |
| a. Electric Heat Pump | Cap: 42.0 kBtu/hr | ___ |
| | HSPF: 7.90 | ___ |
| b. N/A | | ___ |
| c. N/A | | ___ |
| 14. Hot water systems | | |
| a. Electric Resistance | Cap: 40.0 gallons | ___ |
| | EF: 0.93 | ___ |
| b. N/A | | ___ |
| c. Conservation credits | | ___ |
| (HR-Heat recovery, Solar | | |
| DHP-Dedicated heat pump) | | |
| 15. HVAC credits | | ___ |
| (CF-Ceiling fan, CV-Cross ventilation, | | |
| HF-Whole house fan, | | |
| PT-Programmable Thermostat, | | |
| MZ-C-Multizone cooling, | | |
| MZ-H-Multizone heating) | | |

Glass/Floor Area: 0.10

Total as-built points: 25076

Total base points: 30369

PASS

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

PREPARED BY: [Signature]

DATE: 11-30-07

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: _____



¹ Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 69, Sub: Emerald Cove, Plat: , , FL,

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	2064.7	20.04	7447.8	Double, Clear	N	1.5	5.5	30.0	19.20	0.93	534.7				
				Double, Clear	N	9.0	7.3	40.0	19.20	0.68	520.5				
				Double, Clear	N	9.0	2.2	12.0	19.20	0.59	136.7				
				Double, Clear	E	1.5	0.0	16.0	42.06	0.36	240.1				
				Double, Clear	S	1.5	0.0	3.0	35.87	0.43	46.5				
				Double, Clear	E	1.5	0.0	4.0	42.06	0.36	60.0				
				Double, Clear	S	1.5	0.0	20.0	35.87	0.43	309.8				
				Double, Clear	S	1.5	0.0	7.5	35.87	0.43	116.2				
				Double, Clear	S	9.0	8.7	13.3	35.87	0.52	245.7				
				Double, Clear	S	9.0	6.0	20.0	35.87	0.47	339.4				
				Double, Clear	S	12.0	6.0	20.0	35.87	0.45	323.6				
				Double, Clear	S	1.5	6.0	20.0	35.87	0.86	614.2				
				Double, Clear	W	1.5	0.0	9.0	38.52	0.37	129.9				
				As-Built Total:								214.8		3617.3	
				WALL TYPES Area X BSPM = Points				Type R-Value Area X SPM = Points							
Adjacent	220.0	0.70	154.0	Frame, Wood, Exterior			13.0	1705.2		1.50	2557.8				
Exterior	1705.2	1.70	2898.8	Frame, Wood, Adjacent			13.0	220.0		0.60	132.0				
Base Total:		1925.2	3052.8	As-Built Total:				1925.2	2689.8						
DOOR TYPES Area X BSPM = Points				Type Area X SPM = Points											
Adjacent	20.0	1.60	32.0	Exterior Insulated				40.0		4.10	164.0				
Exterior	40.0	4.10	164.0	Adjacent Insulated				20.0		1.60	32.0				
Base Total:		60.0	196.0	As-Built Total:				60.0	196.0						
CEILING TYPES Area X BSPM = Points				Type R-Value Area X SPM X SCM = Points											
Under Attic	2064.7	1.73	3571.9	Under Attic			30.0	2114.0	1.73 X 1.00		3657.2				
Base Total:		2064.7	3571.9	As-Built Total:				2114.0	3657.2						
FLOOR TYPES Area X BSPM = Points				Type R-Value Area X SPM = Points											
Slab	220.0(p)	-37.0	-8140.0	Slab-On-Grade Edge Insulation			0.0	220.0(p		-41.20	-9064.0				
Raised	0.0	0.00	0.0												
Base Total:			-8140.0	As-Built Total:				220.0	-9064.0						

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 69, Sub: Emerald Cove, Plat: , , FL,

PERMIT #:

BASE				AS-BUILT			
INFILTRATION Area X BSPM = Points				Area X SPM = Points			
2064.7 10.21 21080.6				2064.7 10.21 21080.6			
Summer Base Points: 27209.1				Summer As-Built Points: 22176.9			
Total Summer X System = Cooling Points Multiplier Points				Total X Cap X Duct X System X Credit = Cooling Component Ratio Multiplier Multiplier Multiplier Points (System - Points) (DM x DSM x AHU)			
27209.1 0.4266 11607.4				(sys 1: Central Unit 42000 btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(INS) 22177 1.00 (1.09 x 1.147 x 0.91) 0.263 1.000 6624.1 22176.9 1.00 1.138 0.263 1.000 6624.1			

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 69, Sub: Emerald Cove, Plat: , , FL,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned X BWPM = Points Floor Area				Overhang Type/SC Ornt Len Hgt Area X WPM X WOF = Point							
.18	2064.7	12.74	4734.8	Double, Clear	N	1.5	5.5	30.0	24.58	1.00	739.5
				Double, Clear	N	9.0	7.3	40.0	24.58	1.02	1003.6
				Double, Clear	N	9.0	2.2	12.0	24.58	1.03	303.0
				Double, Clear	E	1.5	0.0	16.0	18.79	1.51	453.1
				Double, Clear	S	1.5	0.0	3.0	13.30	3.66	146.0
				Double, Clear	E	1.5	0.0	4.0	18.79	1.51	113.3
				Double, Clear	S	1.5	0.0	20.0	13.30	3.66	973.4
				Double, Clear	S	1.5	0.0	7.5	13.30	3.66	365.0
				Double, Clear	S	9.0	8.7	13.3	13.30	2.79	494.2
				Double, Clear	S	9.0	6.0	20.0	13.30	3.28	871.0
				Double, Clear	S	12.0	6.0	20.0	13.30	3.51	932.2
				Double, Clear	S	1.5	6.0	20.0	13.30	1.12	297.2
				Double, Clear	W	1.5	0.0	9.0	20.73	1.24	230.9
				As-Built Total:				214.8		6922.4	
WALL TYPES Area X BWPM = Points				Type		R-Value		Area X WPM		= Points	
Adjacent	220.0	3.60	792.0	Frame, Wood, Exterior		13.0		1705.2	3.40	5797.7	
Exterior	1705.2	3.70	6309.2	Frame, Wood, Adjacent		13.0		220.0	3.30	726.0	
Base Total:		1925.2	7101.2	As-Built Total:				1925.2	6523.7		
DOOR TYPES Area X BWPM = Points				Type				Area X WPM		= Points	
Adjacent	20.0	8.00	160.0	Exterior Insulated				40.0	8.40	336.0	
Exterior	40.0	8.40	336.0	Adjacent Insulated				20.0	8.00	160.0	
Base Total:		60.0	496.0	As-Built Total:				60.0	496.0		
CEILING TYPESArea X BWPM = Points				Type		R-Value		Area X WPM X WCM		= Points	
Under Attic	2064.7	2.05	4232.6	Under Attic		30.0		2114.0	2.05 X 1.00	4333.7	
Base Total:		2064.7	4232.6	As-Built Total:				2114.0	4333.7		
FLOOR TYPES Area X BWPM = Points				Type		R-Value		Area X WPM		= Points	
Slab	220.0(p)	8.9	1958.0	Slab-On-Grade Edge Insulation		0.0		220.0(p)	18.80	4136.0	
Raised	0.0	0.00	0.0								
Base Total:		1958.0		As-Built Total:				220.0	4136.0		

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 69, Sub: Emerald Cove, Plat: , , FL,

PERMIT #:

BASE				AS-BUILT			
INFILTRATION Area X BWPM = Points				Area X WPM = Points			
2064.7 -0.59 -1218.2				2064.7 -0.59 -1218.2			
Winter Base Points: 17304.5				Winter As-Built Points: 21193.6			
Total Winter X System = Heating Points Multiplier Points				Total X Cap X Duct X System X Credit = Heating Component Ratio Multiplier Multiplier Multiplier Points (System - Points) (DM x DSM x AHU)			
17304.5 0.6274 10856.8				(sys 1: Electric Heat Pump 42000 btuh ,EFF(7.9) Ducts:Unc(S),Unc(R),Int(AH),R6.0 21193.6 1.000 (1.069 x 1.169 x 0.93) 0.432 1.000 10631.8 21193.6 1.00 1.162 0.432 1.000 10631.8			

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 69, Sub: Emerald Cove, Plat: , , FL,

PERMIT #:

BASE					AS-BUILT							
WATER HEATING												
Number of Bedrooms	X	Multiplier	=	Total	Tank Volume	EF	Number of Bedrooms	X	Tank X Ratio	Multiplier X	Credit Multiplier	= Total
3		2635.00		7905.0	40.0	0.93	3		1.00	2606.67	1.00	7820.0
As-Built Total:												7820.0

CODE COMPLIANCE STATUS													
BASE							AS-BUILT						
Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points
11607		10857		7905		30369	6624		10632		7820		25076

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 69, Sub: Emerald Cove, Plat: , , FL,

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 612.1.ABC.3.2. 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* = 86.6

The higher the score, the more efficient the home.

Spec House, Lot: 69, Sub: Emerald Cove, Plat: , , FL,

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 42.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 13.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	Yes	c. N/A	
6. Conditioned floor area (ft ²)	2064.7 ft ²		
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		13. Heating systems	
a. U-factor:	Description Area	a. Electric Heat Pump	Cap: 42.0 kBtu/hr
(or Single or Double DEFAULT)	7a. (Dble Default) 214.8 ft ²		HSPF: 7.90
b. SHGC:		b. N/A	
(or Clear or Tint DEFAULT)	7b. (Clear) 214.8 ft ²	c. N/A	
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=0.0, 220.0(p) ft	a. Electric Resistance	Cap: 40.0 gallons
b. N/A			EF: 0.93
c. N/A		b. N/A	
9. Wall types		c. Conservation credits	
a. Frame, Wood, Exterior	R=13.0, 1705.2 ft ²	(HR-Heat recovery, Solar	
b. Frame, Wood, Adjacent	R=13.0, 220.0 ft ²	DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits	
d. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
e. N/A		HF-Whole house fan,	
10. Ceiling types		PT-Programmable Thermostat,	
a. Under Attic	R=30.0, 2114.0 ft ²	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 180.0 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 EnergyStarTM 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 at 850/487-1824.*

Columbia County Building Department Culvert Permit

Culvert Permit No.
000001497

DATE 12/12/2007 PARCEL ID # 33-3S-16-02438-169
APPLICANT SUSAN EAGLE PHONE 623-6612
ADDRESS 258 NW BERT AVE LAKE CITY FL 32055
OWNER SUSAN EAGLE PHONE 623-6612
ADDRESS 456 SW HEATHRIDGE DR LAKE CITY FL 32024
CONTRACTOR MACK JAMES LIPSCOMB PHONE 623-9141
LOCATION OF PROPERTY 90W. TL ON HEATHRIDGE DR, CORNER OF HEATHRIDGE AND FIELDSTONE
ON RIGHT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT EMERALD COVE 69

SIGNATURE

Susan Eagle

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



07-0929

APPROVED

Sulbi Ford 12-13-07

ES11

Columbia CHD

VACANT

CENTER LINE OF SW HEATHRIDGE DRIVE

20' Utility Easement

Susan

11/30/07

CENTER LINE OF SW FIELDSTONE COURT

Neighbor
Septic

75' from
proposed well.

SWALE

100'

25' SETBACK

20'

15'

10'

5'

15' DRIVEWAY

Well

30'

15' SETBACK

22.79'

75' from
proposed
well

Neighbor septic

22.79'

10' SETBACK

110.01'

LOT 88
VACANT

SITE PLAN
LOT 89 EMERALD COVE PHASE 1
THE KATLYN MODEL
SCALE: 1/4" = 1.0'

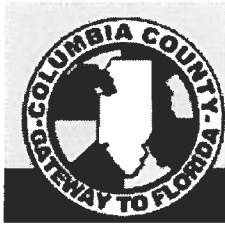
EXISTING HOUSE

Neighbor
house

↑ Neighbor
well = 75'

REVISED
12-13-07

X S. Apple
Please sign
here



From: The Columbia County Building & Zoning Department
Plan Review
135 NE Hernando Av.
P.O. Box 1529
Lake City Florida 32056-1529

Reference to a building permit application Number: **0711-81**

Applicant Susan Eagle Owner Tom & Susan Eagle
Contractor Mack James Lipscomb
Property: ID# 33-3s-16-02438-169

On the date of December 6, 2007 application 0711-81 and plans for construction of a single family dwelling were reviewed. The following information or alteration to the plans will be required to continue processing this application. If you should have any question please contact the above address, or contact phone number (386) 758-1163 or fax any information to (386) 754-7088.

Please include application number 0711-81 and when making reference to this application.

This is a plan review for compliance with the Florida Residential Codes 2004 only and doesn't make any consideration toward the land use and zoning requirement

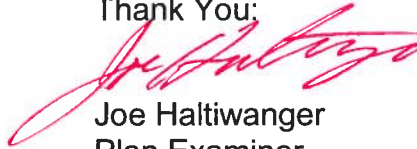
1. The Florida Residential Building Code section R309.2 requires that the garage shall be separated from the residence and its attic area by not less than ½-inch (12.7 mm) gypsum board applied to the garage side. Garages beneath habitable rooms shall be separated from all habitable rooms above by not less than 5/8-inch (15.9 mm) Type X gypsum board or equivalent. Where the separation is a floor-ceiling assembly, the structure supporting the separation shall also be protected by not less than ½-inch (12.7 mm) gypsum board or equivalent.

(Over)

Please provide the separation between the garage and the second story habitable space.

2. The second story bonus area if intended be used as bedroom will require one openable emergency escape and rescue opening. All second story emergency escape and rescue openings shall have a minimum net clear opening of 5.7 square feet with a minimum net clear opening height shall be 24 inches and a minimum net clear opening width shall be 20 inches. As required by the Florida Residential Building Code section R310.1 emergency escape and rescue.
3. The stair shown on the plans lack sufficient information to verify code compliance with section R311 of the Florida Residential Building Code which regulates construction of stairways. Please provide the total staircase run and the total rise of the stairs. Also show compliance with section R311.5.3 & R311.5.3.2 which regulates riser height and tread depth.
4. Please identify the type, thickness of wood structural panel sheathing which will be used as subflooring for the bonus room area. Also include the fastener schedule for the wood structural panels sheathing (subfloor underlayment) to framing members floor joist. As required in table R602.3(1) of the Florida Residential Building Code

Thank You;



Joe Haltiwanger
Plan Examiner

Columbia County Building Department



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(Over)

Please provide the separation between the garage and the second story habitable space.

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Thank You:

Joe Haltiwanger
Plan Examiner
Columbia County Building Department

Dec 10, 2007

To: Columbia County Building Dept.
Attn: Joe Haltiwanger

Application #0711-81

1. Garage will be separated from all habitable rooms by not less than 5/8" Type X gypsum board or equivalent. Where the separation is a floor-ceiling assembly, the structure supporting the separation shall also be protected by not less than 1/2" gypsum board or equivalent.
2. The second story bonus area is not intended to be used as bedroom.
3. The total staircase run not to exceed 9". The total staircase rise not to exceed 7".
4. The type and thickness of the sub flooring for the bonus room area to be 3/4" plywood. Nailing #8 every 4" on edges and every 8" in the field.

Susan Eagle
Plan Designer

Dec 10, 2007

To: Columbia County Building Dept.
Attn: Joe Haltiwanger

Application #0711-81

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