DATE 06/16/2011

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000029484

APPLICANT BRANDI HEBB PHONE 386.754.5555

ADDRESS 248 SE NASSAU STREET LAKE CITY FL 32055

OWNER STEPHEN & CAROL FEKO PHONE

ADDRESS 400 SW COVEY COURT LAKE CITY FL 32025

CONTRACTOR BRANDI HEBB PHONE 386.754.5555

LOCATION OF PROPERTY 90-W TO C-341,TL TO COVEY COURT,TR AND THE LOT IS ON THE L.

TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 181000.00

HEATED FLOOR AREA 2260.00 TOTAL AREA 3620.00 HEIGHT 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 X DEVELOPMENT PERMIT NO.

PARCEL ID 01-4S-16-02678-208 SUBDIVISION COVEY COURT

LOT 8 BLOCK PHASE UNIT TOTAL ACRES 0.53

000001892		cbc1257313	
Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor

EXISTING	11-0257	BLK	TC	n
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: NOC ON FILE. 1 FOOT ABOVE ROAD.

Check # or Cash 17162

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 Insulation 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 Pool date/app. by

Permanent power date/app. by C.O. Final date/app. by Culvert date/app. by

Pump pole date/app. by Utility Pole date/app. by M/H tie downs, blocking, electricity and plumbing date/app. by

Reconnection date/app. by RV date/app. by Re-roof date/app. by

BUILDING PERMIT FEE $ 905.00 CERTIFICATION FEE $ 18.10 SURCHARGE FEE $ 18.10

MISC. FEES $ 0.00 ZONING CERT. FEE $ 50.00 FIRE FEE $ 0.00 WASTE FEE $

FLOOD DEVELOPMENT FEE $ FLOOD ZONE FEE $ 25.00 CULVERT FEE $ 25.00 **TOTAL FEE** 1041.20

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."

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED NOT SUSPENDED, ABANDONED OR INVALID WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS OT THE PREVIOUS INSPECTION.

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

ESTIMATED ENERGY PERFORMANCE INDEX* =
The lower the Energy Performance Index, the more efficient the home.

.	New Home or addition	NEW	11.	Ducts, Location & Insulation Level	
.	Single family or multiple family	SINGLE		a. Supply ducts: ATTIC	R- 6
.	Number of units, (if multi-family)			b. Return ducts: INT./N/A	R-
.	Number of bedrooms	3	12.	Cooling systems	Capacity: 50000
.	Is this a worst case? (yes or no)	YES		a. Split system	SEER: 13
.	Conditioned floor area	2260 sq. ft.		b. Single package	SEER:
.	Glass type & area			c. Ground/water source	COP:
	a. U-Factor:	403.5 sq. ft.		d. Room unit	EER:
	(Or single or double Default)	sq. ft.		e. PTAC	EER:
	b. SHGC:	sq. ft.		f. Gas-driven	COP:
	(Or clear or tint Default)	sq. ft.	13.	Heating Systems	Capacity: 50000
.	Floor types, Insulation level			a. Split system heat pump	HSPF: 7.9
	a. Slab-on-grade, edge insulation	R- 0		b. Single package heat pump	HSPF:
	b. Wood, raised	R-		c. Electric resistance	COP:
	c. Concrete, raised	R-		d. Gas furnace, natural gas	AFUE:
.	Wall types, Insulation level			e. Gas furnace, LPG	AFUE:
	Exterior			f. Gas-driven heat pump	Recov. EFF.:
	a. Wood frame	R-	14.	Water heating systems	
	b. Metal frame	R-		a. Electric resistance	EF: .94
	c. Concrete block	R-		b. Gas fired, natural gas	EF:
	d. Log	R-		c. Gas fired, LPG	EF:
	e. Other WOOD / BRICK	R- 13		d. Solar System with tank	EF:
	Adjacent			e. Dedicated heat pump with tank	EF:
	a. Wood frame	R- 13		f. Heat recovery unit	HeatRec%
	b. Metal frame	R-		g. Other:	
	c. Concrete block	R-	15.	HVAC credits claimed (Alternate Point System Method only)	
	d. Log	R-		a. Ceiling fans	
	e. Other	R-		b. Cross ventilation	
).	Ceiling types, Insulation level			c. Whole house fan	
	a. Under attic	R- 30		d. Multizone cooling credit	
	b. Single assembly	R-		e. Multizone heating credit	
	c. Knee walls/skylight walls	R-		f. Programmable thermostat	✓
	d. Radiant barrier installed	R-			

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

ilder Signature: Date:

ddress of New Home: City/FL Zip

A-19 COOLING CREDIT MULTIPLIERS

SYSTEM TYPE	Cooling credit multipliers (CCM)
eiling Fans	.95*
ross Ventilation	.95*
/hole House Fan	.95*
lultizone	.95
rogrammable Thermostat	.95

Credit may be taken for only one system type concurrently.

6A-20 AIR DISTRIBUTION SYSTEM CREDIT MULTIPLIERS

TYPE CREDIT	Prescriptive requirements	Multiplier
Air-tight Duct Credit[1]	Appx G-C5.2.2.1.1	1.00
Factory-sealed AHU Credit[2]	Appx G-C5.2.2.1.2	0.95

[1]Duct Sealing Multiplier (DSM) shall be 1.15 (summer) or 1.17 (winter) unless Air-tight Duct Credit is demonstrated by test report.
[2]Multiply Factory-sealed AHU credit by summer (Table 6A-7) or winter (Table 6A-16) AHU multiplier. Insert total in the "As-Built AHU" box on page 2 or 4.

A-21 HEATING CREDIT MULTIPLIERS (HCM)

YSTEM TYPE		HEATING CREDIT MULTIPLIERS (HCM)
rogrammable Thermostat	HCM	.95
lultizone	HCM	.95

A-22 HOT WATER MULTIPLIERS (HWM)

YSTEM TYPE									
lectric Resistance	EF	.80-.81	.82-.83	.84-.85	.86-.87	.88-.90	.91-.93	.94-.96	.97 &Up
	HWM	3020	2946	2876	2809	2746	2655	2571	2491
as Water Heating	EF	.54	.55	.56	.57	.58	.59	.60	.61
	HWM	3020	2946	2876	2809	2746	2655	2571	2491
	EF	.62-.63	.64-.65	.66-.70	.71-.75	.76-.80	.81-.83	.84-.86	.87 & Up
	HWM	2346	2217	2101	1738	1456	1196	1055	933

A-23 HOT WATER CREDIT MULTIPLIERS (HWCM)

YSTEM TYPE		HOT WATER CREDIT MULTIPLIERS (HWCM)				
leat Recovery Unit	With	Air Conditioner		Heat Pump		
	HWCM	.84		.78		
dd-on Dedicated Heat Pump (without ank)	EF	2.0-2.49	2.5-2.99	3.0-3.49	3.5 & Up	
	HWCM	.44	.35	.29	.25	
dd-on Solar Water Heater (without tank)	EF	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0 & Up
	HWCM	.84	.42	.28	.21	.17

NOTE: An HWM must be used in conjunction with all HWCM. See Table 6A-22. EF Means Energy Factor.

A-24 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	N1106.AB.1.1	Max: 3 cfm/sq. ft. window area; .5cfm/sq. ft. door area.	
Exterior & Adjacent Walls	N1106.AB.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; CFM utility penetrations; between wall panels & top/bottom plates; between walls & floor. EXCEPTION: Frame walls where a continous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	
Floors	N1106.AB.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	N1106.AB.1.2.3	Seal: 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	N1106.AB.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.	
Multiple Story Houses	N1106.AB.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	N1106.AB.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

A-25 OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	N1112.AB.3	Comply with efficiency requirements in Table N1112.AB.3. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required for vertical pipe risers.	
Swimming Pools & Spas	N1112.AB.2.3	Spas & heated pools must have covers (except solar heated). Noncommercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	
Shower Heads	N1112.AB.2.4	Water flow must be restricted to no more than 2.5 gallons per minute at 80 psig.	
Air Distribution Systems	N1110.AB	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section N1110. Ducts in unconditioned attics: R-6 minimum insulation.	
HVAC Controls	N1107.AB.2	Separate readily accessible manual or automatic thermostat for each system.	
nsulation	N1104.AB.1 N1102.B.1.1	Ceilings–Min. R-19. Common walls–Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	