

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

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

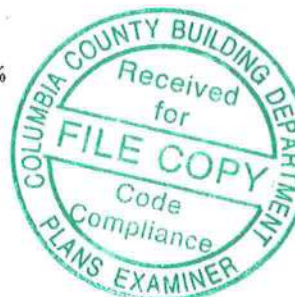
1. New Home or addition	NEW		11. Ducts, Location & Insulation Level	
2. Single family or multiple family	SINGLE		a. Supply ducts:	R= 6
3. Number of units, (if multi-family)			b. Return ducts:	R= 6
4. Number of bedrooms	3		12. Cooling systems	Capacity: 3.5 ton
5. Is this a worst case? (yes or no)	NO		a. Split system	SEER: 13
6. Conditioned floor area	1653	sq. ft.	b. Single package	SEER:
7. Glass type & area			c. Ground/water source	COP: N/A.
a. U-Factor:		sq. ft.	d. Room unit	EER:
(Or single or double Default)		sq. ft.	e. PTAC	EER:
b. SHGC**:	186	sq. ft.	f. Gas-driven	COP:
(Or clear or tint Default)	CLEAR.	sq. ft.	13. Heating Systems	Capacity:
8. Floor types, Insulation level			a. Split system heat pump	HSPF: 7.7
a. Slab-on-grade, edge insulation	R= 0		b. Single package heat pump	HSPF:
b. Wood, raised	R=		c. Electric resistance	COP: 7.7
c. Concrete, raised	R=		d. Gas furnace, natural gas	AFUE: N/A
9. Wall types, Insulation level			e. Gas furnace, LPG	AFUE: N/A.
Exterior			f. Gas-driven heat pump	Recov. EFF.: N/A.
a. Wood frame	R= 13		14. Water heating systems	
b. Metal frame	R=		a. Electric resistance	EF: 58
c. Concrete block	R=		b. Gas fired, natural gas	EF:
d. Log	R=		c. Gas fired, LPG	EF:
e. Other	R=		d. Solar System with tank	EF:
Adjacent			e. Dedicated heat pump with tank	EF:
a. Wood frame	R=		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	
10. 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	YES
d. Radiant barrier installed	R=			

*NOTE: This is not a Building Energy Rating. If your index is below 70, your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Building Energy Rating. Contact the EnergyGauge Hotline at (321) 638-1492 or see the Energy Gauge web site at www.energygauge.com for information and a list of certified Raters. For information about Florida's Energy Efficiency Code, contact the Florida Building Commission's support staff.

**Label required by Section 303.1.3 of the Florida Building Code, Energy Conservation, if not DEFAULT.

I certify that this home has complied with the Florida Energy Efficiency Code 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: J. Castagna Date: NOV 3, 2012
Address of New Home: 419 SW Crown Hill Ct City/FL Zip: _____



FORMS

FLORIDA BUILDING CODE, ENERGY CONSERVATION		Residential Building Thermal Envelope Approach		ALL CLIMATE ZONES
Scope: Compliance with Section 402 of the Florida Building Code, Energy Conservation, shall be demonstrated by the use of Form 402 for single- and multiple-family residences of three stories or less in height, additions to existing residential buildings, renovations to existing residential buildings, new heating, cooling, and water heating systems in existing buildings, as applicable. To comply, a building must meet or exceed all of the energy efficiency requirements on Table 402A and all applicable mandatory requirements summarized in Table 402B of this form. If a building does not comply with this method or Alternate Form 402, it may still comply under Section 405 of the Florida Building Code, Energy Conservation.				
PROJECT NAME: AND ADDRESS:	WILLMANN, 419 SW CROWTHILL ST. FORT WORTH, TX	BUILDER:	CASTAGNA CONS INC	
OWNER:	JIM WILLMANN	PERMITTING OFFICE:		
		PERMIT NO.:	JURISDICTION NO.:	

General Instructions:

1. New construction which incorporates any of the following features cannot comply using this method: glass areas in excess of 20 percent of conditioned floor area, electric resistance heat and air handlers located in attics. Additions < 600 sq.ft., renovations and equipment changeouts may comply by this method with exceptions given.
2. Fill in all the applicable spaces of the 'To Be Installed' column on Table 402A with the information requested. All 'To Be Installed' values must be equal to or more efficient than the required levels.
3. Complete page 1 based on the 'To Be Installed' column information.
4. Read the requirements of Table 402B and check each box to indicate your intent to comply with all applicable items.
5. Read, sign and date the 'Prepared By' certification statement at the bottom of page 1. The owner or owner's agent must also sign and date the form.

1. New construction, addition, or existing building
2. Single-family detached or multiple-family attached
3. If multiple-family—No. of units covered by this submission
4. Is this a worst case? (yes/no)
5. Conditioned floor area (sq. ft.)
6. Glass type and area:
 - a. U-factor
 - b. SHGC
 - c. Glass area
7. Percentage of glass to floor area
8. Floor type, area or perimeter, and insulation:
 - a. Slab-on-grade (R-value)
 - b. Wood, raised (R-value)
 - c. Wood, common (R-value)
 - d. Concrete, raised (R-value)
 - e. Concrete, common (R-value)
9. Wall type, area and insulation:
 - a. Exterior:
 1. Masonry (Insulation R-value)
 2. Wood frame (Insulation R-value)
 - b. Adjacent:
 1. Masonry (Insulation R-value)
 2. Wood frame (Insulation R-value)
10. Ceiling type, area and insulation:
 - a. Under attic (Insulation R-value)
 - b. Single assembly (Insulation R-value)
11. Air distribution system: Duct insulation, location, Qn
 - a. Duct location, insulation
 - b. AHU location
 - c. Qn, Test report attached (< 0.03; yes/no)
12. Cooling system:
 - a. Type
 - b. Efficiency
13. Heating system:
 - a. Type
 - b. Efficiency
14. HVAC sizing calculation: attached
15. Hot water system:
 - a. Type
 - b. Efficiency

Please Print

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1. NEW	_____
2. SINGLE	_____
3. N/A	_____
4. NO	_____
5. 1653	_____
6a. _____	_____
6b. _____	_____
6c. 186	sq. ft.
7. 10	%
8a. R = 0	172 lin. ft.
8b. R = _____	sq. ft.
8c. R = _____	sq. ft.
8d. R = 0	1653 sq. ft.
8e. R = _____	sq. ft.
9a-1. R = _____	sq. ft.
9a-2. R = 19	1548 sq. ft.
9b-1. R = _____	sq. ft.
9b-2. R = _____	sq. ft.
10a. R = 30	sq. ft. 1653
10b. R = _____	sq. ft.
11a. R = L	_____
11b. _____	_____
11c. Test report attached? Yes	No
12a. Type: HEAT PUMP	_____
12b. SEER/EER: 13	_____
13a. Type: 3 Ton	_____
13b. HSPF/COP/AFUE: 2.7	_____
14. Yes	No
15a. Type: RHEM ELI2	_____
15b. EF: .92	_____

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

PREPARED BY: James Castagna DATE: NOV 2012

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

OWNER AGENT: James Castagna DATE: NOV 2012

Review of 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 in accordance with Section 663.908, F.S.

CODE OFFICIAL: _____

DATE: _____