

# FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

## Residential Whole Building Performance Method A

Project Name: _____ Address: _____ City, State: _____ Owner: _____ Climate Zone: <b>Central</b>	Builder: _____ Permitting Office: _____ Permit Number: _____ Jurisdiction Number: _____
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1. New construction or existing <span style="float: right;">New</span> <input type="checkbox"/> _____ 2. Single family or multi-family <span style="float: right;">Single family</span> <input type="checkbox"/> _____ 3. Number of units, if multi-family <span style="float: right;">1</span> <input type="checkbox"/> _____ 4. Number of Bedrooms <span style="float: right;">4</span> <input type="checkbox"/> _____ 5. Is this a worst case? <span style="float: right;">No</span> <input type="checkbox"/> _____ 6. Conditioned floor area (ft²) <span style="float: right;">4583 ft²</span> <input type="checkbox"/> _____ 7. Glass type <sup>1</sup> and area: (Label reqd. by 13-104.4.5 if not default) a. U-factor: <span style="float: right;">Description Area</span> (or Single or Double DEFAULT) 7a.(Sngle, U=0.3) 53.3 ft² <input type="checkbox"/> _____ b. SHGC: (or Clear or Tint DEFAULT) 7b. (Clear) 862.3 ft² <input type="checkbox"/> _____ 8. Floor types a. Slab-On-Grade Edge Insulation <span style="float: right;">R=0.0, 389.1(p) ft</span> <input type="checkbox"/> _____ b. N/A <input type="checkbox"/> _____ c. N/A <input type="checkbox"/> _____ 9. Wall types a. Concrete, Int Insul, Exterior <span style="float: right;">R=20.0, 803.3 ft²</span> <input type="checkbox"/> _____ b. Concrete, Int Insul, Exterior <span style="float: right;">R=20.0, 697.5 ft²</span> <input type="checkbox"/> _____ c. Concrete, Int Insul, Exterior <span style="float: right;">R=20.0, 593.3 ft²</span> <input type="checkbox"/> _____ d. Concrete, Int Insul, Exterior <span style="float: right;">R=20.0, 426.6 ft²</span> <input type="checkbox"/> _____ e. 10 Others <span style="float: right;">1279.3 ft²</span> <input type="checkbox"/> _____ 10. Ceiling types a. Under Attic <span style="float: right;">R=30.0, 4583.0 ft²</span> <input type="checkbox"/> _____ b. N/A <input type="checkbox"/> _____ c. N/A <input type="checkbox"/> _____ 11. Ducts(Leak Free) a. Sup: Con. Ret: Con. AH: Interior <span style="float: right;">Sup. R=6.0, 100.0 ft</span> <input type="checkbox"/> _____ b. N/A <input type="checkbox"/> _____	12. Cooling systems a. Central Unit <span style="float: right;">Cap: 45.0 kBtu/hr</span> <input type="checkbox"/> _____ <span style="float: right;">SEER: 13.00</span> <input type="checkbox"/> _____ b. N/A <input type="checkbox"/> _____ c. N/A <input type="checkbox"/> _____ 13. Heating systems a. N/A <input type="checkbox"/> _____ b. N/A <input type="checkbox"/> _____ c. N/A <input type="checkbox"/> _____ 14. Hot water systems a. Electric Resistance <span style="float: right;">Cap: 80.0 gallons</span> <input type="checkbox"/> _____ <span style="float: right;">EF: 0.90</span> <input type="checkbox"/> _____ b. N/A <input type="checkbox"/> _____ c. Conservation credits <input type="checkbox"/> _____ (HR-Heat recovery, Solar DHP-Dedicated heat pump) 15. HVAC credits <span style="float: right;">PT, CF,</span> <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: 0.19	Total as-built points: 36117 Total base points: 57898	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:** \_\_\_\_\_

**DATE:** \_\_\_\_\_

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:** \_\_\_\_\_



<sup>1</sup> Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.  
 EnergyGauge® (Version: FLR2PB v4.1)