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Florida Green Building
Coalition, Inc.



Florida
Green Home Designation
Standard Checklist

Online Resources

- ◆ Membership
- ◆ Reference Guide
- ◆ List of Standards
- ◆ Certifying Agents
- ◆ List of Green Builders
- ◆ News & Events
- ◆ Comment on Standards or
- ◆ Suggest Revisions

floridagreenbuilding.org





Florida Green Building Coalition, Inc.

Setting the Standard for Green Building in the State of Florida

Welcome to the future. You are now part of the revolution that is taking place all across the world. Much like the folks who began the industrial revolution in this country, but didn't realize that they were making history, the 'greening' of America is beginning. It is a revolutionary way of thinking, a departure from the status quo of business as usual and wasteful practices.

We are now more aware than ever of our responsibility to sustain this planet for the next generation. By thinking smarter, reusing the things we call waste and applying our intellect rather than raw physical force we can live with the environment rather than conquer it.

Welcome to a new way of living healthier, more fulfilling lives. By being part of the solution you are connecting with the greater potential that is in all of us.

The green home standard gives suggested methods to make your home healthier and more sustainable, not only in terms of the materials that initially go into it, but also in terms of the continuing cost of energy, water and maintenance associated with all homes. We hope you will find that by creating a 'green' home you will also green your pocketbook when it comes time to sell.

This information is written with the knowledge that we live in Florida where the buildings must respond to our hot and humid environment, blazing sun, termites and the occasional hurricane. Landscape material and drainage areas must withstand tropical storm rainfalls as well as droughts.

Finally, we're all in this together. If you build smart and your neighbor doesn't it still affects you. Spread the word about green building technology.

The Green Home Standard Checklist contains examples of recommended green criteria, however, innovative suggestions are encouraged. For many projects it may be impractical or even impossible to implement some of the recommendations. However the wide array of available criteria will still enable a project to qualify. A separate document available from FGBC called The Green Home Standard Reference Guide explains each of the criteria in detail including benefit/cost ratios where appropriate,

associated environmental implications, expected utility savings from energy and water conservation, and suppliers of the Florida friendly goods and services. The Reference Guide indicates which criteria require third party verification, and which require proof of implementation via a document submittal. Registered FGBC Certifying Agents are available to assist with certification and verification. All required documentation must be submitted to FGBC by a Certifying Agent in order to receive the designation.

_____ Total points to qualify for Florida Green Home Designation (200 min/400 max)

Florida Green Home Standard Checklist



Please provide contact information for the homebuilder and/or homeowner using the following section. Agent that has been accredited by FGBC, Inc., while others require that verification be submitted. A list of Certifying Agents is available at floridagreenbuilding.org or by contacting FGBC, Inc. After completing the Florida Green Home Standard Checklist in its entirety, it must be submitted by a Certifying Agent to FGBC, Inc. c/o Florida Solar Energy Center, 1679 Clearlake Rd., Cocoa, FL 32922. The completed checklist must be accompanied by all required submittals, and a check for the Green Home processing fee payable to the Florida Green Building Coalition, Inc. Processing fee per home is \$50 for members of FGBC and \$75 for non-members. Please visit floridagreenbuilding.org for membership information. An FGBC representative may be contacted by sending email to info@floridagreenbuilding.org or by calling 321-638-1450.

Home Builder Information and/or Home Owner Information

Name: _____
Company: _____
Address: _____
Address 2: _____
Phone: _____
Fax: _____
E-mail: _____

Certifying Agent Information

Name: _____
Company: _____
Address: _____
Phone: _____
Fax: _____
E-mail: _____

Name of HERS Rater: _____
(if HERS points included)
Name of FY&N Inspector: _____
(if Florida Yards & Neighborhoods points included)

By signing below we acknowledge that each of the Green Home Standard Designation have been incorporated into the home's construction/renovation.

Home Builder Signature: _____
and/or
Home Owner Signature: _____
Certifying Agent Signature: _____



Category 7: Disaster mitigation

Table with 3 columns: Points, Achieved, Possible Criteria. Includes items like Hurricane (wind, rain, storm surge), Flood (check all to receive 5 points), Wild fire (check all to receive 5 points), and Termite (check all to receive 10 points).

Category 7: Disaster mitigation (cont.)

Table with 3 columns: Points, Achieved, Possible Criteria. Includes items like Renewable power generation, Recyclability, Lot choice, and Other.

Total points for Category 7 (5 min/30 max)

Total points for Category 8 (0 min/50 max)



NEW HOME REQUIREMENTS: Select measures to obtain the minimum number of points listed for each category. The sum of the minimums totals 160 points. Accumulate at least an additional 40 points of your choice to qualify for the program.

EXISTING HOME REQUIREMENTS: Same as for NEW HOME except no minimum point requirement in the Materials and Site categories. PREREQUISITES: At least one measure from the following Waterfront Considerations and Swimming Pool/Spa

Table with 3 columns: Points, Achieved, Possible Criteria. Includes Prerequisite 1: Swimming Pool/Spa and Prerequisite 2: Waterfront Considerations.

Category 1: Energy (Building Envelope/Systems)

Table with 3 columns: Points, Achieved, Possible Criteria. Includes Code/Ratings and HERs rated homes are given credit for features including: Efficient a/c and heat, Proper orientation, Radiant barrier.

Design

Table with 3 columns: Points, Achieved, Possible Criteria. Includes items like Document proper sizing of HVAC system, Adequate return air transfer paths, Cross vent and ceiling fans code credits.

Total points for Category 1 (100 min/150 max)

Category 2: Energy (Appliances, Lights, Amenities)

Table with 3 columns: Points, Achieved, Possible Criteria. Includes Energy-efficient appliances/amenities, Energy-efficient lighting, and Energy-efficient lighting.

Total points for Category 2 (10 min/25 max)

Table with 3 columns: Points, Achieved, Possible Criteria. Includes Energy-efficient lighting, Energy-efficient lighting, Energy-efficient lighting.

Florida Green Building Coalition, Inc. "To provide a Florida green building designation resulting in environmental and economic benefits."



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Category 3: Water

Table with 3 columns: Points Achieved, Points Possible, Criteria. Lists water-related criteria such as 'Hot water recirculation system', 'Faucet aerators', 'Rain shut-off device properly installed', and 'Irrigation system efficiency checked by qualified technician'.

Category 4: Site

Table with 3 columns: Points Achieved, Points Possible, Criteria. Lists site-related criteria such as 'Develop a tree/plant preservation plan', 'Native tree and plant preservation', 'Erosion control/topsoil preservation', and 'Drainage/retention'.

Category 5: Health, cont.

Table with 3 columns: Points Achieved, Points Possible, Criteria. Lists health-related criteria such as 'House under positive pressure with respect to the outdoors', 'Ventilation', 'Cleanability', and 'Universal Design'.

Category 6: Materials

Table with 3 columns: Points Achieved, Points Possible, Criteria. Lists material-related criteria such as 'Autoclaved aerated concrete block', 'Insulated Concrete Forms (I.C.F.)', 'Structurally insulated panels', and 'Waste management'.

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