National Green Building Standard
ICC-700
National Green Building Standard

- Approved by American National Institute of Standards Jan 2009
- Provides rating system for environmental impact
- Sets four performance levels for green homes
- Voluntary, above-code program
Why ICC 700?

- ANSI-approved consensus standard
- Written in code language
- Few mandatory provisions
- Expansive, flexible point-based system
- Multiple paths for energy compliance
- Designed specifically for residential
- Affordable, streamlined
Healthy Comfortable Durable Energy Efficient

- Lot Design
- Operation & Maintenance
- Indoor Air Quality
- Resource Efficiency
- Water Efficiency
- Energy Efficiency

National Green Building Certification
## Performance Levels

<table>
<thead>
<tr>
<th>Green Building Categories</th>
<th>Performance Level Points (1)(2)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>BRONZE</td>
</tr>
<tr>
<td>1. Chapter 5 Lot Design, Preparation, and Development</td>
<td>39</td>
</tr>
<tr>
<td>2. Chapter 6 Resource Efficiency</td>
<td>45</td>
</tr>
<tr>
<td>3. Chapter 7 Energy Efficiency</td>
<td>30</td>
</tr>
<tr>
<td>4. Chapter 8 Water Efficiency</td>
<td>14</td>
</tr>
<tr>
<td>5. Chapter 9 Indoor Environmental Quality</td>
<td>36</td>
</tr>
<tr>
<td>6. Chapter 10 Operation, Maintenance, and Building Owner Education</td>
<td>8</td>
</tr>
<tr>
<td>7. Additional Points from any category</td>
<td>50</td>
</tr>
<tr>
<td><strong>Total Points:</strong></td>
<td>222</td>
</tr>
</tbody>
</table>
Multifamily

National Green Building Certification
Multifamily

National Green Building Certification
National Green Building Certification
National Green Building Certification
Multifamily

- Green practice in all units for points
- MF remodeling
- One verification report per building
- Mixed-use
Green Remodel Path

National Green Building Certification
Green Scoring Tool

How does your residential green building project rate? The Green Scoring Tool lets you score your project to the practices of the ICC 700 National Green Building Standard, and is the first step toward National Green Building Certification.

The Green Scoring Tool was designed to be used with the ICC 700 National Green Building Standard and the National Green Building Standard Commentary, available at www.builderbooks.com.

New to the National Green Building Standard?
Use the web-based Green Scoring Tool for continual feedback and supplementary information as you move through the practices. Sign in to start scoring your project online.

Green Scoring Tool registration is FREE. It is required to create projects online.

Familiar with the National Green Building Standard?
Download the NGBS Scoring for New Construction spreadsheet to streamline the

Gold Certified Home
Single-Family New Construction
R虚假Water Homes
The National Green Building Standard establishes design & construction practices for new single-family homes -- including detached single-family homes.
# Green Scoring Tool for the National Green Building Standard

## My Projects

<table>
<thead>
<tr>
<th>Project Name</th>
<th>Scoring Path</th>
<th>Score</th>
<th>Green Level Achieved</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green Acres</td>
<td>Single-Family New Construction</td>
<td>323</td>
<td>Bronze</td>
<td>Checklist</td>
</tr>
<tr>
<td>Greener Pastures</td>
<td>Single-Family New Construction</td>
<td>0</td>
<td>None</td>
<td>Checklist</td>
</tr>
<tr>
<td>Energy Smart Park</td>
<td>Single-Family Green Remodel Renovation</td>
<td>N/A</td>
<td>None</td>
<td>Checklist</td>
</tr>
<tr>
<td>O'Brien home</td>
<td>Single-Family New Construction</td>
<td>28</td>
<td>None</td>
<td>Checklist</td>
</tr>
<tr>
<td>Steve's Home</td>
<td>Single-Family New Construction</td>
<td>6</td>
<td>None</td>
<td>Checklist</td>
</tr>
<tr>
<td>Copy of Green Acres</td>
<td>Single-Family New Construction</td>
<td>102</td>
<td>None</td>
<td>Checklist</td>
</tr>
<tr>
<td>Home Makeover</td>
<td>Single-Family</td>
<td>N/A</td>
<td>None</td>
<td>Checklist</td>
</tr>
</tbody>
</table>
**Scoring Spreadsheet**

### Introduction

This workbook allows you to score your new single-family or multi-unit green building projects to the ICC 700-2008 National Green Building Standard™. Use of the NGBS Scoring workbook is the required entry point for National Green Building Certification. This workbook is intended to be used in conjunction with the publications ICC 700-2008, Green Building Standard™ and National Green Building Standard Commentary™.

### General Project Description

Please fill in the information below. All fields are required unless marked otherwise. This information may be used to pre-populate fields and aid in scoring decisions in this tool for statistical reasons. Your privacy is important to us, and your information will not be shared or sold outside of the NAHB Research Center or National Association of Home Builders.

<table>
<thead>
<tr>
<th>Builder Name:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Builder Phone Number:</td>
</tr>
<tr>
<td>Physical Address of Home:</td>
</tr>
<tr>
<td>Community/Lot #:</td>
</tr>
<tr>
<td>City:</td>
</tr>
<tr>
<td>State:</td>
</tr>
<tr>
<td>Zip:</td>
</tr>
<tr>
<td>The project I am scoring:</td>
</tr>
</tbody>
</table>

For a multi-unit building, use a weighted average of the individual unit sizes.

Project's Climate Zone: See Climate Zone Map.

Square Footage: 2,000 s.f.
Independent, Third-party

VERIFICATION
Accredited Verifiers

- **Qualify**
  - Need experience in residential construction and green building
- **Train & test**
  - Training delivered 24/7
  - Approximately 5 hours
- **Accredit**
  - Sufficient insurance
  - Auto and liability

National Green Building Certification
CERTIFICATION COSTS

Compliance, Verification, Certification

National Green Building Certification
Cost Analysis

Practices
Products

Verification

Certification

National Green Building Certification
## Certification Fees

<table>
<thead>
<tr>
<th></th>
<th>NAHB Member</th>
<th>Non-member</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Family</td>
<td>$200</td>
<td>$500</td>
</tr>
<tr>
<td>Multi-Family</td>
<td>$200 + $20 per unit</td>
<td>$500 + $20 per unit</td>
</tr>
<tr>
<td>Land Development</td>
<td>$2,500</td>
<td>$2,500</td>
</tr>
</tbody>
</table>
Program Stats

- Multifamily Buildings (new / remodeled) 141
  - Units within MF Buildings 3,065
  - Pipeline - *rough scheduled* 100+
  - Units Pipeline -- 3,000+
ANSI Revision Process

- Comments collected since ANSI-approval
- Consensus Committee announced
- First meeting March in DC
- Process to take 18 months
- Public comment and hearings
- Transition period after completion before effective date
LOOK FOR THIS MARK.
IT’S PROOF THAT YOUR HOME IS GREEN!
This concludes The American Institute of Architects Continuing Education Systems Course

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www.NAHBGreen.org