

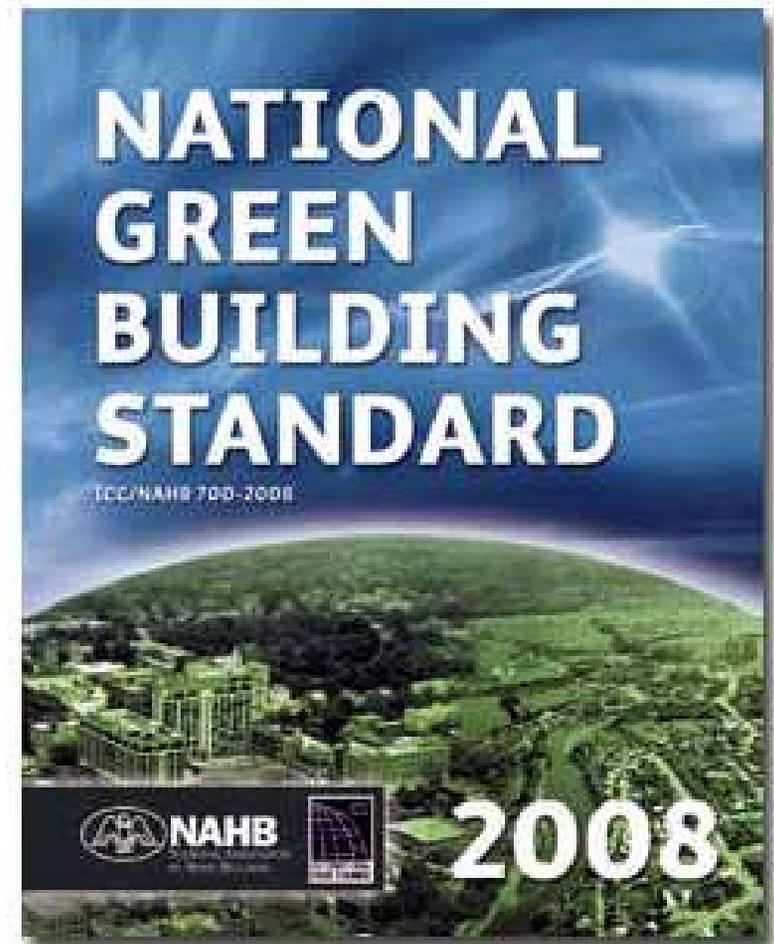
National Green Building Standard ICC-700



National Green Building Certification

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



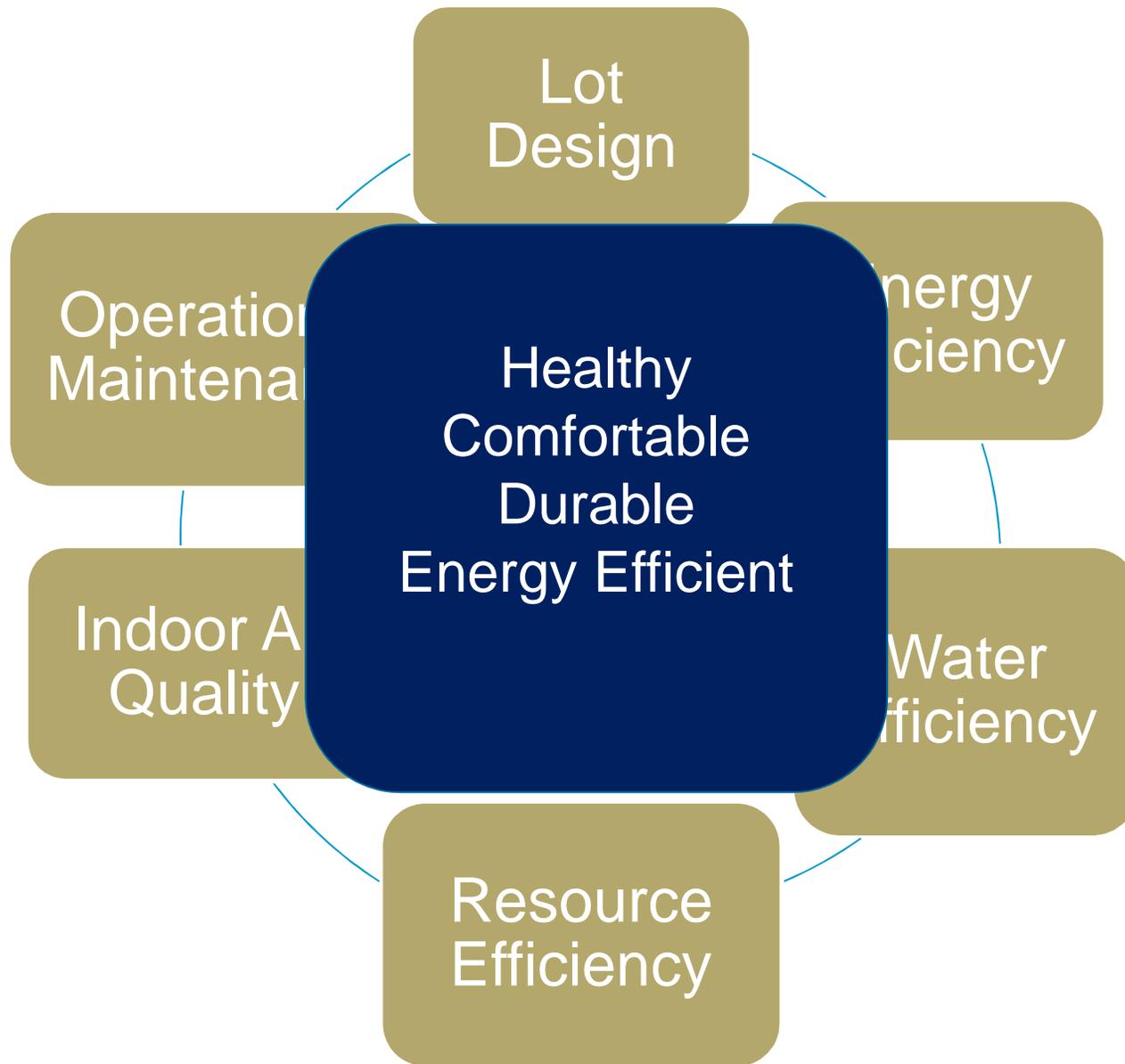
National Green Building Certification

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



National Green Building Certification



Performance Levels

Green Building Categories			Performance Level Points ^{(1) (2)}			
			BRONZE	SILVER	GOLD	EMERALD
1.	Chapter 5	Lot Design, Preparation, and Development	39	66	93	119
2.	Chapter 6	Resource Efficiency	45	79	113	146
3.	Chapter 7	Energy Efficiency	30	60	100	120
4.	Chapter 8	Water Efficiency	14	26	41	60
5.	Chapter 9	Indoor Environmental Quality	36	65	100	140
6.	Chapter 10	Operation, Maintenance, and Building Owner Education	8	10	11	12
7.		Additional Points from any category	50	100	100	100
Total Points:			222	406	558	697

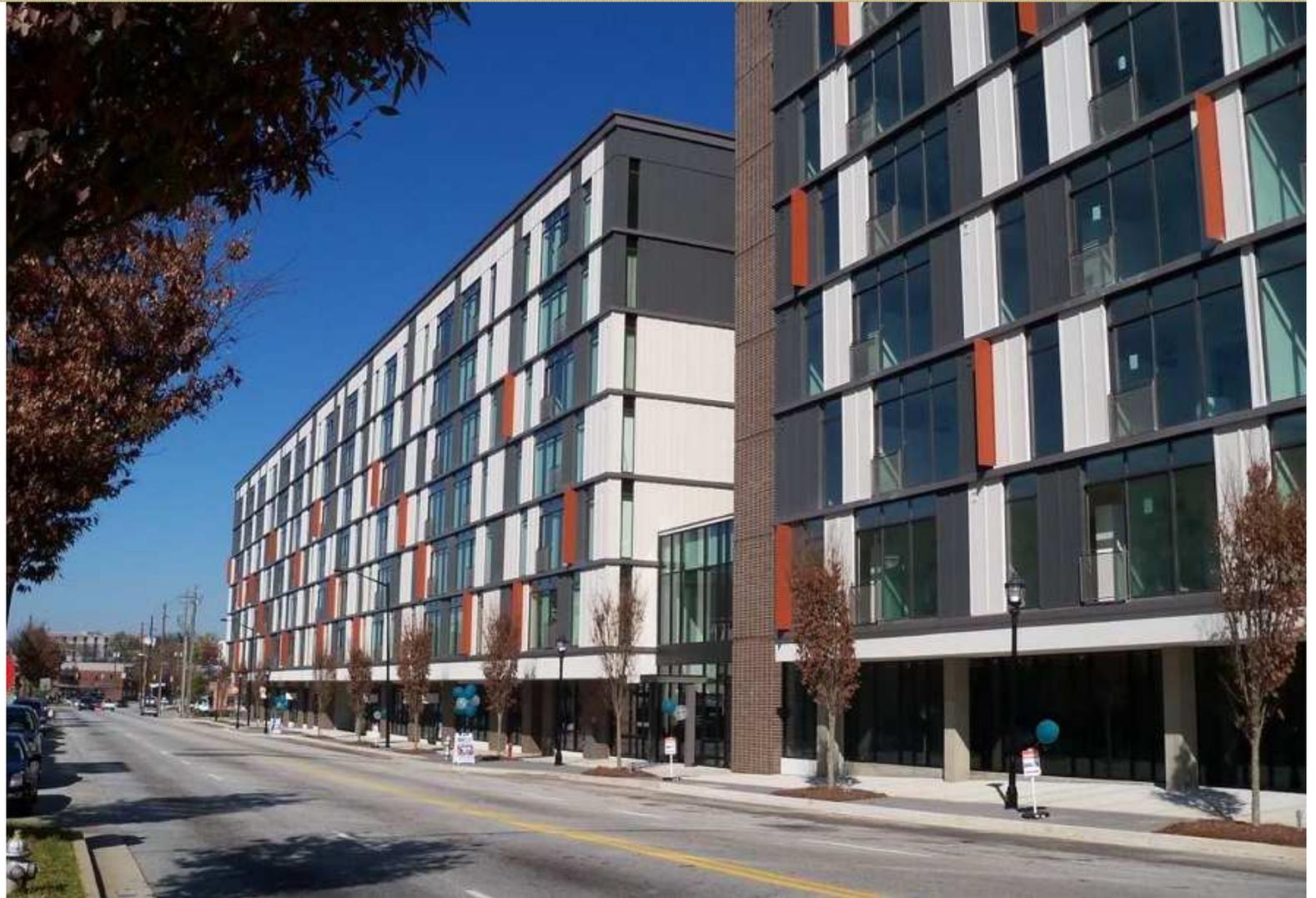


Multifamily



National Green Building Certification

Multifamily



National Green Building Certification



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



National Green Building Certification

Green Remodel Path



National Green Building Certification

www.NAHBGreen.org

THE GREEN SCORING TOOL



National Green Building Certification



Green Scoring Tool

[National Green Building Standard Scoring Spreadsheet](#)

SIGN IN

User ID:

Password:

Password required

[Not yet registered? Sign up!](#)

Forgot your [user ID?](#)
Forgot your [password?](#)

Quick Links



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
[RJ Walter Homes](#)

The National Green Building Standard establishes design & construction practices for new single-family homes -- including detached single-family homes,

0 0 2 1 1 0 **Projects Green Certified**

Scoring Tool Navigation

- [Welcome](#)
- [My Projects](#)
- [Create New Project](#)
- [My Account](#)
- [Scoring Tool Help](#)
- [Certification Information](#)
- [Marketing Materials](#)
- [NGBS Scoring Spreadsheet](#)
- [Sign Out](#)

Green Scoring Tool for the National Green Building Standard

My Projects

Project Name	Scoring Path	Score	Green Level Achieved	Options
Green Acres Emerald Model Home <small>Created on 4/17/2009 12:27:19 PM</small>	Single-Family New Construction	323	Bronze	Checklist Project Scoring Analysis Reports Edit Project Details Copy Project Delete Project
Greener Pastures Bronze Starter Home <small>Created on 4/17/2009 3:03:13 PM</small>	Single-Family New Construction	0	None	Checklist Project Scoring Analysis Reports Edit Project Details Copy Project Delete Project
Energy Smart Park Gold Standard Home <small>Created on 4/20/2009 3:07:08 PM</small>	Single-Family Green Remodel Renovation	N/A	None	Checklist Project Scoring Analysis Reports Edit Project Details Copy Project Delete Project
OBrien home <small>Created on 4/29/2009 2:24:15 PM</small>	Single-Family New Construction	28	None	Checklist Project Scoring Analysis Reports Edit Project Details Copy Project Delete Project
Steve's Home house 1 <small>Created on 5/14/2009 12:49:00 PM</small>	Single-Family New Construction	6	None	Checklist Project Scoring Analysis Reports Edit Project Details Copy Project Delete Project
Copy of Green Acres Emerald Model Home <small>Created on 5/22/2009 5:17:02 PM</small>	Single-Family New Construction	102	None	Checklist Project Scoring Analysis Reports Edit Project Details Copy Project Delete Project
Home Makeover	Single-Family	N/A	None	Checklist Project Scoring Analysis Reports

Scoring Spreadsheet

		Current Status		Performance Level Minimum		
		Score	Mandatory	Bronze	Silver	Gold
This Project		0	Not Met	222	406	558

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 (along with the online Green Scoring Tool) 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 National 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. This information will also be used 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.

Builder Name:

Builder Phone Number:

Physical Address of Home: City: State: Zip:

Community/Lot #:

The project I am scoring is: If Multi-Unit, enter # of units:

Project's Climate Zone: [See Climate Zone Map.](#)

Square Footage: s.f. For a multi-unit building, use a weighted average of the individual unit sizes.

The Additional Points required to reach Bronze, Silver, Gold, or Emerald will increase by 1 point for every 1000 sq. ft. over the last category.

Start Here! Chapter 5 Chapter 6 Chapter 7 Chapter 8 Chapter 9 Chapter 10 Designer's Report Scoring Analysis



Independent, Third-party

VERIFICATION



National Green Building Certification

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



Compliance, Verification, Certification

CERTIFICATION COSTS



National Green Building Certification

Cost Analysis

Practices
Products

Verification

Certification



National Green Building Certification

Certification Fees

	NAHB Member	Non-member
Single Family	\$200	\$500
Multi-Family	\$200 + \$20 per unit	\$500 + \$20 per unit
Land Development	\$2,500	\$2,500



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!**



National Green Building Certification

QUESTIONS??

**This concludes The American Institute
of Architects Continuing Education
Systems Course**

Michelle Desiderio

mdesiderio@nahbrc.com



National Green Building Certification



Michelle Desiderio

Director, Green Building Programs

NAHB Research Center

800-638-8556

mdesiderio@nahbrc.com

www.nahbrc.com

www.NAHBGreen.org



National Green Building Certification