

Wisconsin Green Built Home Standard Multifamily Checklist



Green Built Home™ is a national award-winning green building initiative that reviews and certifies new homes and multifamily projects that meet sustainable building and energy standards.



Green Built Home is a program of WEI and is implemented in cooperation with leading utilities and organizations that promote green building

www.greenbulthome.org



Green Built Home Registration

Owner / Developer / Builder Name: _____

Address _____

City _____ State _____ Zip _____

Contact _____ Phone _____ Fax _____

Email _____ Web site _____

SUBMITTAL REQUIREMENTS PER PROJECT

Project Name _____

Site Address _____ City _____

Estimated start of construction and completion date: _____

Number of Units: _____

- 1* Complete Green Built Home Checklist
- 2* Site Plan:
- 3* Provide erosion control methods and locations.
- 4* Indicate the limit of site disturbance.
- 5* Show building footprint and driveway location(s).
- 6* Architectural Floor Plans:
- 7* Floor plans drawn to scale and fully dimensioned.
- 8* Provide dimensions of roof eaves and overhangs.
- 9* Architectural Elevations:
- 10* All elevations drawn to scale.
- 11* Elevations shall show proposed finished elevation of floor and roofs on all levels.
- 12* Architectural Cross Sections:
- 13* Show cross section to provide internal detail to evaluate construction technique and materials used.
- 14* Product/Materials Information:
- 15* Provide a list of materials used for this project or a copy of the project specifications.
- 16* List of Unit Addresses:
- 17* Building Envelope Energy Efficiency:
- 18* Provide a letter, signed by the mechanical engineer or responsible party, declaring that the project is fully compliant with ASHRAE 62.1-2010 (high rise projects 4 stories or greater) or ASHRAE 62.1-2010 or ENERGY STAR New Homes standard (low rise projects 3 stories or less).

*** Payment Information: All Wisconsin Green Built Multi-family projects are subject to a Project Registration and Certification Fee. See below:**

FEE SCHEDULE

| | |
|--|--|
| Please check one: | |
| <input type="checkbox"/> WHEDA LIHTC Project | <input type="checkbox"/> Non-LIHTC Project |
| *Project Registration/Certification: | |
| <input type="checkbox"/> \$75 per unit | <input type="checkbox"/> \$100 per unit |
| TOTAL FEE: | |
| \$ _____ | \$ _____ |

****Please note: The cost of project verification is separate from the certification fee and is negotiated with each verifier.*

Please send Checklist, submittals, and payment to:

WEI — Green Built Home
821 E. Washington, Suite 200
Madison, WI 53703
www.weigogreener.org
jimesother@gmail.com

Verification and Certification:

Green Built Home and its verifier partners will review completed Checklists, plans, and specifications, conduct site visits and complete verification documentation to determine the Wisconsin Green Built Home Checklist point total and WEI will issue the Certification with the final Checklist point total to the builder/ developer.

Verification may include testing and may also require that the builder provide information such as: rating certificates, spec sheets, invoices, labels, product literature, and material safety data sheets (MSDS) as documentation.

QUALIFICATIONS

To qualify for Wisconsin Green Built Certification, each multifamily project must earn a minimum of 200 points (*240 points or more to earn WHEDA / LIHTC scoring credit) by meeting the specified criteria. *See Green Built Gold certification criteria.

All projects must fulfill the Basic Requirements (no point credit) listed below and must meet the minimum point requirements in Sections B, C, D, E and G of the Green Built Checklist Spreadsheet Report.

Please enter the point total for each criterion selected on the line provided and enter the subtotals as directed.

BASIC REQUIREMENTS

1. BUILDING ENVELOPE: Must be at least *3 percent more efficient than required by Wisconsin State Building Code and demonstrate compliance using the COMCheck software, computer modeling or another approved method. COMCheck is available on the web at www.energycodes.gov

*If 3% cannot be achieved, applicant will provide a letter that describes best efforts AND describes greater than normal efficiency of ancillary items such as: window replacement "U" value, insulation "R" value, heating systems and lighting systems used in the development and must use building renovation components which meet the ENERGY STAR™ or equivalent building standards.

2. VENTILATION: Building ventilation system must be designed to 62.2.2-2010 or later (High rise projects 4 stories or greater) or 62.2.2-2010 or later or ENERGY STAR New Homes standard (low rise projects 3 stories or less). A letter, signed by the mechanical engineer or responsible party, declaring that the project is fully compliant must be submitted. *Alternative Option: All bathrooms have an installed Energy Star bath fan airflow >50 cfm and/or fan sized to ASHRAE 62.2. Stack ventilation units with multiple pick-ups should have >20 cfm continuous flow.

3. ENERGY STAR QUALIFIED APPLIANCES: All appliances (clothes washer, dishwasher, and refrigerator) provided must be ENERGY STAR qualified or each appliance performs in the top 50% of its Energy Guide rating. If appliances are not included, require ENERGY STAR appliances at the time of replacement. For lists of Energy Star rated appliances see www.energystar.gov.

4. EROSION CONTROL: *Builder must complete and submit the erosion control plan checklist and comply with the erosion control plan required for building permits by the local municipality.

*Note: to 10 additional points for projects that earn Clean Clear Waters Checklist Certification. – www.cleanclearwaters.org

5. RECYCLING: Builder must recycle cardboard as required by state law and use at least one post-consumer recycled content material (minimum 25% recycled content) or minimum 50% pre-consumer recycled content.

6. TROPICAL HARDWOODS: No Luan or other tropical hardwoods (plywood, doors, flooring, etc.) are allowed unless certified by Forest Stewardship Council, Smart Wood or approved "third party" organization.

7. FIREPLACE SAFETY: Gas fireplaces must be direct vent only with outside combustion air, wood fireplaces must have sealable, gasket doors and be fitted with outdoor combustion air, or no fireplaces provided.

8. GREEN BUILT HOME INFORMATION AND PROJECT GUIDES: WEI provides up-to-date information so homeowners can make the most informed decisions: Visit www.greenbuilthome.org

9. GREEN BUILT CERTIFICATE AND/OR GREEN BUILT LOGO DISPLAYED ON THE PROPERTY OR WEBSITE: The Green Built Certificate will be prepared by the GBH program and provided to the owner/developer/builder as part of the certification process.

10. PROGRAMMABLE THERMOSTATS: No permanently installed mercury thermostats are allowed. (Includes Rehab and Remodeling projects) All thermostats must be programmable setback models with an "on" switch for furnace fan to circulate air (except hydronic in-floor systems) or Smart Thermostats.

Each registered project MUST meet all the Basic Requirements and accumulate a minimum total of 200 points (240 points or more to earn WHEDA / LIHTC scoring credit)

Each item is valued at (1-5) points or at the amount indicated. Please check all that apply and note the point totals on the line provided.

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GBH Multi-family Checklist Report

SIGNATURE PAGE

Owner/Developer/Builder Name & Address: _____

Address with Zip Code of Project being built: _____

City/State/County/Lot#: _____

Verifier Name & Address: _____

Rough (R) Inspection Completion Date _____ Check Photo Taken

Verifier Signature _____

Builder Signature* _____

Final (F) Inspection Completion Date _____ Check Photo Taken

Verifier Signature _____

Builder Signature* _____

* My signature authorizes the Verifier to submit for certification in the GBH's Program, the "Green Built Home Verifiers Report" (for the address provided above) and acknowledges acceptance of the points awarded by the Verifier as shown below.

Email Certificate to: _____

TOTALS BY SECTION — AWARDED BY VERIFIER

| SECTION DESCRIPTION | Awarded | STILL NEEDED | (MINIMUM REQ) |
|---|---------|--------------|---------------|
| BR *BASIC REQUIREMENTS (*no points awarded) | #_____ | #_____ | 0 |
| A SITING & LAND USE | #_____ | #_____ | 0 |
| B LANDSCAPE CONSERVATION & STORM WATER MANAGEMENT | #_____ | #_____ | 5 |
| C ENERGY EFFICIENCY | #_____ | #_____ | 20 |
| D MATERIALS SELECTION | #_____ | #_____ | 8 |
| E INDOOR AIR QUALITY | #_____ | #_____ | 5 |
| F PLUMBING & WATER CONSERVATION | #_____ | #_____ | 0 |
| G WASTE REDUCTION, RECYCLING & DISPOSAL | #_____ | #_____ | 3 |
| H BUILDER OPERATIONS | #_____ | #_____ | 0 |
| I EFFICIENT USE OF SPACE | #_____ | #_____ | 0 |
| TOTALS | #_____ | #_____ | 200 |

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