

Program Checklist

Based on the NAHB Green Building Guidelines –
Climatic Zone Adaptations – Zone 3a

Company Name: _____

Checklist completed by: _____

House/Floorplan: _____

Street address of house: _____

Section		Bronze	Silver	Gold
1	Lot Design, Preparation, and Development	8	10	12
2	Resource Efficiency	44	60	77
3	Energy Efficiency	37	62	100
4	Water Efficiency	6	13	19
5	Indoor Environmental Quality	32	54	72
6	Operation, Maintenance, and Homeowner Education	7	7	9
7	Global Impact	3	5	6
	Additional Points from Sections of your choice	100	100	100
	TOTALS	237	311	395

Items with points in **bold print** require documentation to verify. Non-bold points do not.

SECTION 1: LOT DESIGN, PREPARATION AND DEVELOPMENT

1.1 Select the Site: Select the site to minimize environmental impact.

- ___ 1.1.1 Avoid Environmentally sensitive areas; identified through site footprinting process or existing 3rd party data. **7 pts**
- ___ 1.1.2 Choose and infill site. **9 pts**
- ___ 1.1.3 Choose a greyfield site. **7 pts**
- ___ 1.1.4 Choose and EPA-recognized brownfield. **7 pts**

1.1.1 - Points available to builder if they provide individual plot plan by surveyer and overall plat for community (if available)

1.2 Identify goals with your team

- ___ 1.2.1 Establish a knowledgeable team. **6 pts**
 - A. Identify team member roles (how they relate to various phases)
 - B. Create a written mission statement that includes the project's goals and objectives

1.2 – All 6 points are available to the land developer. Four total points are available to the builder for complying to 1.2.1 A and B.

1.3 Design the site: Minimize environmental impacts; protect, restore, and enhance the natural features and environmental quality of the site (points for each guideline are only rewarded upon implementation of these plans).

- ___ 1.3.1 Conserve natural resources. 6 pts
- ___ 1.3.2 Site the home and other built features to optimize solar resource. 6 pts
- ___ 1.3.3 Minimize slope disturbance. 5 pts
- ___ 1.3.4 Minimize soil disturbance and erosion. 6 pts
- ___ 1.3.5 Manage storm water using low-impact development. 8 pts
- ___ 1.3.6 Devise landscape plans to limit water and energy demand. **8 pts**
- ___ 1.3.7 Maintain wildlife habitat. **5 pts**

1.4 Develop the site: Minimize environmental intrusion during onsite construction.

___ 1.4.1 Provide onsite supervision and coordination during clearing, grading, trenching, paving, to ensure targeted green development practices are implemented. 5 pts

___ 1.4.2 Conserve existing onsite vegetation. 5 pts

___ 1.4.3 Minimize onsite soil disturbance and erosion. 6 pts

1.4 - Points available to builder if they meet conditions as written.

1.5 Innovative options: Seek to obtain waivers or variances from local development regulations to enhance green building.

___ 1.5.1 Share driveways or parking. 6 pts

___ 1.5.2 Other (specify) _____

SECTION 2: RESOURCE EFFICIENCY

Bronze	Silver	Gold
44	60	77

2.1 Reduce quantity of materials and waste:

___ 2.1.1 Create an efficient home floorplan that maintains home's functionality. 9 pts

___ 2.1.2 Advanced framing techniques: reduce building materials + maintain structural integrity. 8 pts

___ 2.1.3 Use building layouts that maximize resources and minimize material cuts. 6 pts

___ 2.1.4 Create a detailed framing plan and detailed material takeoffs. 7 pts

___ 2.1.5 Use materials requiring no additional finish resources to complete application onsite. 4 pts

___ 2.1.6 Use pre-cut or pre-assembled building systems or methods as outlined below:

___ A. Provide pre-cut joist or pre-manufactured floor truss. 3 pts/system for 9 possible points

___ B. Provide a panelized wall framing system. 6 pts

___ C. Provide a panelized roof system. 6 pts

___ D. Provide modular construction for the entire home. 7 pts

2.1.7 – Use a frost-protected shallow foundation (FPSF). NO POINTS in this climate

2.2 Enhance durability and reduce maintenance: Building design minimizes degradation and weathering of materials and enhances life expectancy. Features and details are to be specified on architectural plans.

___ 2.2.1 Provide covered entry (awning, covered porch) at exterior doors. 6 pts (partials allowed)

___ 2.2.2 Use recommended-sized roof overhangs for the climate. 7 pts

___ 2.2.3 Install perimeter drain for all basement footings sloped to discharge to daylight, sump pit. 7 pts

___ 2.2.4 Install drip edge at eave and gable roof edges. 6 pts

___ 2.2.5 Install gutter and downspout system to divert water 5' away from foundation. 6 pts

___ 2.2.6 Divert surface water from all sides of buildings. 7 pts

___ 2.2.7 Install continuous and physical foundation termite barrier in areas where subterranean termite infestation is locally problematic. 7 pts

___ 2.2.8 Use termite-resistant materials for walls, floor joists, trusses, exterior decks, etc. in areas known to be termite infested. 7 pts

___ 2.2.9 Provide a water-resistant barrier or drainage plane system behind the exterior veneer or exterior siding. 8 pts

___ 2.2.10 Install ice flashing at roof's edge. 5 pts

___ 2.2.11 Install enhanced waterproofing. 7 pts

___ 2.2.12 Employ and show on plans all flashing details. 9 pts

2.3 Reuse materials:

___ 2.3.1 Disable existing buildings (deconstruction) instead of demolishing. 6 pts

___ 2.3.2 Reuse salvaged materials where possible. 5 pts

___ 2.3.3 Dedicate and provide onsite bins and/or space to facilitate sorting of scrap materials. 6 pts

2.4 Use recycled content materials:

___ 2.4.1 Use recycled-content building materials. 3 pts

2.5 Recycle waste materials during construction:

- ___ 2.5.1 Develop and implement a construction and demolition waste management plan and post at this jobsite. **7 pts**
- ___ 2.5.2 Conduct onsite recycling efforts. **5 pts**
- ___ 2.5.3 Recycle construction waste offsite. **6 pts**

2.6 Use renewable materials:

- ___ 2.6.1 Use materials manufactured from renewable resources (soy-based insulation, bamboo). **3 pts**
- ___ 2.6.2 Use certified wood for wood and woodbased materials from certified sources. **4 pts**

2.7 Use resource-efficient materials:

- ___ 2.7.1 Use products that contain fewer resources to meet same end-use as traditional products. **3 pts**

2.8 Innovative Options:

- ___ 2.8.1 Use locally available, indigenous materials. **5 pts**
- ___ 2.8.2 Use a life-cycle assessment (LCA) tool to compare the environmental burden of building materials, and based on the analysis, use the most environmentally preferable product. **8 pts**

SECTION 3: ENERGY EFFICIENCY

Bronze	Silver	Gold
37	62	100

3.1 Implement an integrated and comprehensive approach to energy-efficient design of building site, building envelope and mechanical space conditioning systems.

****Requirements** – The home must meet the following conditions listed in 3.1.1 through 3.1.3 below. The home must also achieve the equivalent of at least 37 Points (Bronze level) from the optional guidelines in the Performance Path (Section 3.2) or the Prescriptive Path (Section 3.3).

REQUIRED:

- ___ 3.1.1 The home is equivalent to the IECC 2003 or local energy code, whichever is more stringent.
- ___ 3.1.2 Size space heating and cooling system/equipment according to building heating and cooling loads calculated using ANSI/ACCA Manual J 8th Edition or equivalent.
- ___ 3.1.3 Conduct third party testing to verify design/compliance with Energy Efficiency section.

3.2 Performance Path: An energy efficiency line item with a “(PP)” preceding it is a line item likely to be used to calculate X% above IECC 2003.

- ___ 3.2.1 Home is X% above IECC 2003

- A. 15% (Bronze) **37 pts**
- B. 30% (Silver) **62 pts**
- C. 40% (Gold) **100 pts**

3.2.1 – ResCheck or equivalent analysis is accepted in determining this number

3.3 Prescriptive Path (Must meet at least 10% performance on blower-door test to use this path.)

3.3.1 Building Envelope

(PP)A. Increase effective R-value of building envelope using advanced framing techniques, continuous insulation, and/or, integrated structural insulating system. Measures may include but are not limited to:

- ___ - SIPS* **8 pts** or,
- ___ - ICFS* **8 pts** or,
- ___ - Advanced Framing, or Insulated corners/intersections/headers **6 pts**
- ___ - Raised heel trusses **2 pts**
- ___ - Continuous insulation or exterior wall **4 pts**
- ___ - Continuous insulation on cathedral ceiling **4 pts**
- ___ - (PP)B. Incorporate air sealing package to reduce infiltration. **10 pts**
- ___ - (PP)C. Use ENERGY STAR® rated windows appropriate for climate. **8 pts**

3.3.2 HVAC design, equipment and installation

- A. Size, design, and install duct system using ANSI/ACCA Manual D® or equiv. **8 pts**
 - B. Design radiant/hydronic space heating systems using industry approved Guidelines. **8 pts**
 - C. Use ANSI/ACCA Manual S® or equiv. To select heating/cooling equipment. **8 pts**
 - D. Verify performance of the heating/cooling system. **8 pts**
 - E. Use HVAC installer/tech certified by national/regional recognized program. **6 pts**
- (PP)F. Fuel-fired space heating equipment efficiency (AFUE):
- Gas furnace greater than or equal to 81% **2 pts**
 - Gas furnace greater than or equal to 88% (ENERGY STAR) **3 pts**
 - Gas furnace greater than or equal to 94% **4 pts**
 - Oil furnace greater than or equal to 83% **1 pt**
 - Gas or Oil boiler greater than or equal to 85% (ENERGY STAR) **1 pt**
 - Gas or Oil boiler greater than or equal to 90% **3 pts**
- NOTE: Add 3 points if Manual S and D and startup procedures are followed when one of the space heating units noted above is installed.*
- (PP)G. Heat pump efficiency (cooling mode)
- 2. SEER 13 – 14 **6 pts**
 - 3. SEER 15 – 18 **6 pts**
 - 4. SEER 19+ **7 pts**
 - 5.5. Staged air conditioning equipment **9 pts**
- Note: Split-systems must be ARI-tested as a matched set.*
- Add 3 points if manual S and D and startup procedures are followed when one of the ground source heat pumps noted above has been installed. Do not take these points again in 3.3.2.H.*
- (PP)H. Heat pump efficiency (heating mode)
- 6. 7.2-7.9 HSPF **3 pts**
 - 7. 8.0-8.9 HSPF **4 pts**
 - 8. 9.0-10.5 HSPF **5 pts**
 - 9. Greater than 10.5 HSPF **5 pts**
- Note: Split-systems must be ARI-tested as a matched set.*
- (PP)I. Ground source heat pump installed by a Certified Geothermal Service Contractor (cooling mode)
- 1. EER= 13-14 **5 pts**
 - 2. EER= 15-18 **6 pts**
 - 3. EER= 19-24 **8 pts**
 - 4. EER= Greater than 25 **10 pts**
- Note: Add 3 points if Manual S and D and startup procedures are followed when one of the ground source heat pumps noted above has been installed. Do not take these points again in 3.3.2.J.*
- J. (PP)Ground source heat pump installed by a Certified Geothermal Service Contractor (heating mode)
- 1. COP 2.4 – 2.6 **3 pts**
 - 2. COP 2.7 – 2.9 **4 pts**
 - 3. COP is equal to or greater than 3 **5 pts**
- K. Seal ducts, plenums, and equipment to reduce leakage. Use UL 181 foil tapes and/or mastic. **6 pts**
 - L. When installing ductwork: **8 pts**
 - 1. No building cavities used as ductwork, e.g., panning joist or stud cavities
 - 2. Install all heating and cooling ducts and mechanical equipment within conditioned envelope.
 - 3. No ductwork installed in exterior walls.
 - M. Install return ducts/transfer grilles in rooms with door (except baths, kitchen, closets, laundry). **6 pts**
 - N. Install ENERGY STAR ceiling fans. **1 point per fan**
 - O. Install whole-house fan with insulated louvers. **4 pts**
 - P. Install ENERGY STAR labeled mechanical exhaust for every bathroom ducted to outside. **8 pts**

3.3.3 Water heating design, equipment and installation

- A. Water heater Energy Factor (EF) equal to or greater than those listed. **4 pts**

<u>Natural Gas:</u>	<u>Size (gallons)</u>	<u>Energy Factor</u>
	<u>30</u>	<u>0.64</u>
	<u>40</u>	<u>0.62</u>
	<u>50</u>	<u>0.60</u>
	<u>65</u>	<u>0.58</u>
	<u>75</u>	<u>0.56</u>

<u>Electric:</u>	<u>Size (gallons)</u>	<u>Energy Factor</u>
	<u>30</u>	<u>0.95</u>
	<u>40</u>	<u>0.94</u>
	<u>50</u>	<u>0.92</u>
	<u>65</u>	<u>0.90</u>
	<u>80</u>	<u>0.88</u>
	<u>100</u>	<u>0.86</u>

- B. Install whole house instantaneous (tankless) water heater. **4 pts**
- C. Insulate all hot water lines with a minimum of 1" insulation. 4 pts
- D. Install heat trap on cold and hot water lines to and from the water heater. 3 pts
- E. Install manifold plumbing system (parallel piping configuration stacking plumbing). 5 pts

3.3.4 Lighting and Appliances

- A. Use and ENERGY STAR Advanced Lighting Package (APL) in home. 7 pts
- B. Install all recessed fixtures within the conditioned envelope. **7 pts**
- C. Install motion sensors on outdoor lighting. 7 pts
- D. Install tubular skylights in rooms without windows. 2 pts
- E. Install ENERGY STAR-labeled appliance:
- Refrigerator 3 pts
 - Dishwasher 3 pts
 - Washing machine 5 pts

3.3.5 Renewable energy/solar heating and cooling

3.3.5.1 - Solar space heating and cooling

- A. Use sun-tempered design: building orientation, sizing of glazing, design of overhangs to provide shading are in accordance with guidelines below: **6 pts**
- Long side of the home faces within 30° of south;
 - Glazing area less than 7% of Finished Floor Area (FFA) on south face (Low-E);
 - Glazing area less than 2% of FFA on west face (Low-E, Low SHGC);
 - Glazing area less than 4% of FFA on east face (Low-E, Low SHGC);
 - Skylights less than 2% of Finished Ceiling Area, with shades and insulated wells;
 - Overhangs designed to provide shading on south-facing glass (at a minimum), or adjustable canopies or awnings.
- B. Use passive solar design: sun-tempered design as above plus additional south-facing glazing, appropriately designed thermal mass to prevent overheating, and provision for air flow to adjoining rooms. 6 pts *Note: 3.3.5.1.A must also be done in order to receive points for 3.3.5.1.B*
- Sun-tempered design as outlined above except additional glazing permitted on south wall PLUS

- For any room with south-facing glazing greater than 7% of FFA, properly sized thermal mass, and
- Provision for forced air to flow to adjoining areas as needed.
- (SBIC Passive Solar Design Guidelines for your climate should be referenced to size thermal mass.)

___ C. Use passive cooling. 8 pts

- Exterior shading on east and west windows, e.g., shade trees, moveable awnings or louvers, covered porches.
- Overhangs designed to provide shading on south-facing glazing. (Not to be double-counted if credited in 3.3.5.1.A.)
- Windows located to facilitate cross ventilation.
- Solar reflective roof or radiant barrier in hot climates.

Note: All of the above must be done in order to receive points for this item.

3.3.5.2 Solar water heating

Install solar water heating system. Must use SRCC-rated system. Solar fraction:

- ___ 1. 0.3 **8 pts**
- ___ 2. Greater than or equal to 0.5 **10 pts**

3.3.5.3 Additional renewable energy options.

(Points adjusted to increase efforts on more effective energy-saving technologies.)

- A. Supply electricity needs by onsite renewable energy source such as photovoltaic, wind or hydro whereby the system is estimated to produce the following kWh per year:
 - ___ 1. 2,000 to 3,999 **8 pts**
 - ___ 2. 4,000 to 5,999 **10 pts**
 - ___ 3. 6,000 + **12 pts**
- B. Provide clear and unshaded roof area (+/-30° of south or flat) for future solar collector or photovoltaic. Minimum area of 200 sq. ft. Provide a rough-in of piping from the roof to the utility area.
 - ___ Conduit 2 pts
 - ___ Insulated piping 3 pts
- C. ___ Provide homeowner with information and enrollment materials about options to purchase green power from the local electric utility. 2 pts

3.3.6 Verification

___ 3.3.6.1 Conduct onsite third-party inspection to verify installation of energy-related features such as: 8 pts

- A. Duct installation and sealing
- B. Building envelope air sealing details
- C. Proper installation of insulation including no gaps, voids, or compression
- D. Insulation cut accurately to fit cavity
- E. Windows and doors flashed, caulked, and sealed properly.

When at least 100 homes of the same model are to be built by the same builder, a representative sample (15%) of homes may be inspected.

___ 3.3.6.2 Conduct third-party testing to verify performance, e.g., blower door, duct leakage testing, flow hood testing: 8 pts per test

- A. Building envelope leakage: blower door test results less than 0.35 ACHnat
- B. Central HVAC duct leakage: duct leakage test results:
 - a. Leakage to unconditioned space less than 5% of rated blower capacity

- b. Total leakage is less than 10% of rated blower capacity.
- C. Balanced HVAC airflows: flow hood test results:
 - a. Measured flow at each supply and return register within 25% of design flow
 - b. Total airflow within 10% of design flow

When multiple homes of the same model are to be built by the same builder, a representative sample of homes may be tested subject to the sampling protocol.

3.3.7 Innovative Options

- A. Install drain water heat-recovery system. 2 pts
- B. Install desuperheater in conjunction with ground source heat pump. 6 pts
- C. Install heat pump water heater. Must be rated according to the current US DOE test standard and shall have an EF greater than 1.7. 6 pts
- D. Install occupancy sensors for lighting control. **4 pts per sensor**

SECTION 4: WATER EFFICIENCY

Bronze	Silver	Gold
6	13	19

4.1 Indoor/Outdoor Water Use

- 4.1.1 Hot water delivery to remote locations aided by installation of: **6 pts per unit**
 - A. On-demand water heater at point of use served by cold water only.
 - B. Control-activated recirculation system.
- 4.1.2 Water heater located within 30 feet of pipe run of all bathrooms and kitchen. 9 pts
- 4.1.3 ENERGY STAR® water-conserving appliances installed, e.g., dishwasher, washing machine. **7 pts per appliance**
- 4.1.4 Water-efficient showerhead using conventional aerator or venture technology for flow rate less than 2.5 gpm. **2 pts per fixture**
- 4.1.5 Water-efficient sink faucets/aerators less than 2.2 gpm. **2 pts per fixture**
- 4.1.6 Ultra low flow (less than 1.6 gpm/flush) toilets installed:
 - A. Power-assist. **4 pts**
 - B. Dual-flush. **6 pts**
- 4.1.7 Low-volume, non-spray irrigation system installed, e.g., drip irrigation, bubblers, drip emitters, soaker hose, steam-rotator spray heads. 5 pts
- 4.1.8 Irrigation system zoned separately for turf and bedding areas. 6 pts
- 4.1.9 Weather based irrigation controllers, e.g., computer-based weather record. 7 pts
- 4.1.10 Collect and use rainwater as permitted by local code. **9 pts**
Additional credit for distribution system that uses a renewable energy source or gravity.
- 4.1.11 Innovative wastewater technology as permitted by local code, e.g., constructed wetland, sand filter, and aerobic system. **7 pts**

4.2 Innovative Options

- 4.2.1 Shut-off valve, motion sensor, or pedal-activated faucet to enable intermittent on/off operation. 6 pts
- 4.2.2 Separate and re-use of greywater as permitted by local code. **6 pts**
- 4.2.3 Composting or waterless toilet as permitted by local code. 6 pts

SECTION 5: INDOOR ENVIRONMENTAL QUALITY

Bronze	Silver	Gold
32	54	72

5.1 Minimize potential sources of pollutants

- 5.1.1 For vented space heating and water heating equipment: **8 pts**
 - A. Install direct vent equipment, **or**,
 - B. Install induced/mechanical draft combustion equipment
- 5.1.2 Install space heating and water heating equipment in isolated mechanical room or closet with an outdoor source of combustion and ventilation air. 6 pts

- ___ 5.1.3 Install direct-vent, sealed-combustion gas fireplace, sealed wood fireplace, or sealed woodstove **OR** do not install fireplace or woodstove. **6 pts**
- ___ 5.1.4 Ensure a tightly-sealed door between the garage and living area, and provide continuous air barrier between garage and living areas including air sealing penetrations, walls, ceilings, and floors. 9 pts
- ___ 5.1.5 Ensure particleboard, medium-density fiberboard (MDF) and hardwood plywood substrates are certified to low formaldehyde emission standards ANSI A208.1, ANSI A208.2, and ANSI/HPVA HP1, respectively. Composite wood/agrifiber panel Products must either contain no added urea-formaldehyde resins or must be third-party Certified for low formaldehyde emissions. **6 pts**
- ___ 5.1.6 Install carpet, carpet pad, and floor covering adhesives that hold “Green Label” from Carpet and Rug Institute’s indoor air quality testing program or meet equivalent thresholds verified by a third party. **6 pts**
- ___ 5.1.7 Mask HVAC outlets during construction and vacuum ducts, boots, and grilles before turning on central heating/cooling system. 5 pts
- ___ 5.1.8 Use low-VOC-emitting wallpaper. **3.pts**

5.2 Manage potential pollutants generated in the home

- ___ 5.2.1 Vent kitchen range exhaust to outside. 7 pts
- ___ 5.2.2 Provide mechanical ventilation at a rate of 7.5 CFM per bedroom + 7.5 cfm and controlled automatically or continuous with manual override. The ventilation equipment may be:
 - ___ A. Exhaust or supply fan(s), or 7 pts
 - ___ B. Balanced exhaust and supply fans, or 9 pts
 - ___ C. Heat-recovery ventilator, or 0 pts (*used in colder climate areas*)
 - ___ D. Energy-recovery ventilator. 10 pts
- ___ 5.2.3 Install MERV 9 filters on central air or ventilation systems. **3 pts**
- ___ 5.2.4 Install humidistat to control whole-house humidification system. **4 pts**
- ___ 5.2.5 Install sub-slab de-pressurizations system or infrastructure to facilitate future installation of radon mitigation system. **6 pts**
- ___ 5.2.6 Verify all exhaust flows meet design specifications. 9 pts

5.3 Moisture management (vapor, rainwater, plumbing, HVAC)

- ___ 5.3.1 Control bathroom exhaust fan with a timer or humidistat. 6 pts
- ___ 5.3.2 Install moisture resistant backerboard under tiles surfaces in wet areas. 6 pts
- ___ 5.3.3 Install vapor retarder directly under slab (6-mil) or on crawl space floor (8-mil). 9 pts
- ___ 5.3.4 Protect unused moisture-sensitive materials from water damage by just-in-time delivery, storing unused materials in dry area, or tenting materials and storing on raised platform. 6 pts
- ___ 5.3.5 Keep plumbing supply lines out of exterior walls. 5 pts
- ___ 5.3.6 Insulate cold water pipes in unconditioned spaces. 4 pts
- ___ 5.3.7 Insulate HVAC ducts, plenums, and trunks in unconditioned basements/crawl spaces. 4 pts
- ___ 5.3.8 Check moisture content of wood before it is enclosed on both sides. 4 pts

SECTION 6: OPERATION, MAINTENANCE AND HOMEOWNER EDUCATION

Bronze	Silver	Gold
7	7	9

- ___ 6.1 Provide manual to owners/occupants on the use and care of the home. **9 pts**

Manual must include all items below:

- A. Narrative detailing importance of maintenance/operation to keep a green built home green.
- B. Local Green Building Program certificate.’

- C. Warranty, operation and maintenance instructions for equipment and appliances.
- D. Household recycling opportunities.
- E. Information on how to enroll in a program so that the home receives energy from a renewable energy provider
- F. Explanation of the benefits of using compact fluorescent light bulbs in high-usage areas.
- G. A list of habits or actions to optimize water and energy use.
- H. Local public transportation options (if applicable).
- I. Clearly labeled diagram showing safety valves and controls for major house systems.

6.2 Optional information to include in the home manual. 2 pts

(Choose at least five from the following.)

- A. A list of local service providers that focus on regularly scheduled maintenance and proper operation of equipment and the structure.
- B. A photo record of framing with utilities installed. Photos should be taken prior to installing insulation, clearly marked, and provided in homeowner’s manual.
- C. List of Green Home Building Guildelines items included in the home.
- D. User-friendly maintenance checklist.
- E. Instructions for proper handling and disposal of hazardous materials.
- F. Information on organic pest control, fertilizers, de-icers, and cleaning products.
- G. Information about native or low-water landscape.
- H. Information on how to keep a home’s relative humidity in the range of 30-60%.
- I. Instructions for checking crawl space for termite tubes periodically.
- J. Instructions for keeping gutters clean, noting that water should be diverted 5 ft. from house.

6.3 Provide education to owners/occupants in the use and care of their dwellings. 7 pts

Instruct homeowners/occupants about the building’s goals and strategies and occupant’s impacts on costs of operating the building. Provide training to owners/occupants for all control systems in the house.

6.4 Solid waste 1 pt

Encourage homeowners/occupants to recycle by providing built-in space in the home’s design (e.g., kitchen, garage, covered outdoor space) for recycling containers.

SECTION 7: GLOBAL IMPACT

Bronze	Silver	Gold
3	5	6

7.1 Products

- ___ 7.1.1 Product manufacturer’s operations and practices (environmental management system). 3 pts
- ___ 7.1.2 Choose low- or no-VOC indoor paints. **6 pts**
- ___ 7.1.3 Use low VOC sealants. **5 pts**

7.2 Innovative options

- ___ 7.2.1 Builder’s operations and business practices include environmental management concepts. **4 pts**
Builder must be ISO 14001 certified.

****Builders: Read and sign the form on the back of this page before turning in package.****

~~~~~FOR OFFICE USE ONLY~~~~~									
1. _____	2. _____	3. _____	4. _____	5. _____	6. _____	7. _____	Other _____	TOTAL _____	<b>B S G</b>
Received _____ Staff _____ Returned _____									