

HB Goes Green Scorecard
Pilot Project 3/6/2009

	<i>Total Possible Points</i>	<i>Construction or Remodel</i>	<i>Homeowner Project</i>	<i>Score</i>
1. SITE & LANDSCAPE	14			
1.a Recycle Construction & Demolition Waste - > 70% waste diversion	1			
1.b Use recognized recycler (i.e. Habitat for Humanity, Rainbow Recycling)	1			
1.c Install Drought Tolerant Landscape - 1 pt for each 25% of plants that are drought tolerant	4			
1.d Plant shade tree(s) on East/West sides of Bldgs.	1			
1.e Minimize Turf Areas to Less than 25% of Landscaped Area	1			
1.f Install low-flow drip Irrigation Systems and/or Low-flow Irrigation Sprinklers	1			
1.g Install Irrigation Controllers that are Based on Weather Signal or Moisture-Sensor	1			
1.h Treat Stormwater Using Natural Treatment Systems such as bioswales	1			
1.i Passive solar orientation & design	1			
1.j Reduce Hardscape	1			
1.k Maintain or create within 5 yrs shade over 20% of Street & Hardscape	1			
2. FOUNDATION, FRAME, AND ROOFING	15			
2.a Incorporate a Minimum of 20% Fly Ash or Slag Cement in Concrete	1			
2.b Use Engineered Lumber for Beams and Headers Larger than 4x6	1			
2.c Use Engineered Lumber for I-Joists and Web Trusses	1			
2.d Use Engineered Lumber-Sheathing (Oriented Strand Board)	1			
2.e Use Roof Products certified by Energy Star or the Cool Roof Rating Council	1			
2.f Use Roofing Materials with 40 year Warranty, or greater	1			
2.g Use Steel Studs or at least 25% of Wood Studs are FSC Certified Lumber	1			
2.h R value of walls greater than 13	2			
2.i R value of ceiling/attic greater than 19/30 depending on construction type	2			
2.j 25% above Title 24 Thermal Mass requirement	2			
2.h Bldg envelope sealing - blower door test result less than 5 Air Changes/Hr at 50 Pascals	2			
3. PLUMBING	11			
3.a Insulate All Domestic Hot Water Pipes	2			

3.b Install On-Demand (Tankless) Hot Water Heaters (>85% efficient) Energy Efficient Permit Fee Waiver Program - Energy Factor 0.80	2			
3.c Install Low Flow Showerheads (< 2.5 gpm)	1			
3.d Install Water Efficient Kitchen & Bath Faucets (<2.5 gpm)	1			
3.e Install Water Efficient Toilets (Dual-flush or <1.3 gpf)	2			
3.f No water softener	1			
3.g Water catchment & storage for irrigation	2			
4. LIGHTING & APPLIANCES	7			
4.a Install Compact Fluorescent or LED Lamps for >80% Fixtures	1			
4.b Install Timer or Photo-sensor Controls for all Exterior Lighting	1			
4.c Install Solar Landscape Lighting or no Landscape Lighting	1			
4d Install Energy Star Dishwasher(s)	1			
4.e Install Energy Star Clothes Washing Machine(s)	1			
4.f Install Energy Star Refrigerator	1			
4.h 90% Energy Star Product Categories are Energy Star or Energy Efficient	1			
5. HVAC	11			
5.a Test all Ductwork for Leakage	1			
5.b Install Ceiling Fan(s)	1			
5.c Protect East/West & South Facing Windows with Trees, Awnings, Eaves, or Overhangs	1			
5.d Install HVAC Systems with Non-HCFC Refrigerants	1			
5.e Install High Efficiency HVAC Filters (MERV 6 or higher), Energy Efficient Permit Fee Waiver Program -AFUE greater than 90	1			
5.f Vent Range Hoods to the Outside with dedicated make up air	1			
5.g Install Carbon Monoxide Alarms	1			
5.h Install Energy Star Bathroom Fans with Humidity Sensor or Timer Control	1			
5.i Install Energy Star Air Conditioner, Energy Efficient Permit Fee Waiver Program - SEER 14 or higher	1			
5.j No A/C Unit Needed or Installed	2			
6. ENERGY PERFORMANCE	3			
6.a Install a real time energy & resource use display in living area & tariff info	3			
7. RENEWABLE ENERGY	18			
7.a Provide Pre-Approved Solar System Attachment Detail	1			
7.b Install Conduit & Plumbing for Solar System in each Home	1			
7.c Install Photovoltaic (PV) Panels: 3 points for each 1 KW (max of 3 KW), Energy Efficient Permit Fee Waiver Program	9			

7.d Install Solar Water Heating System, Energy Efficient Permit Fee Waiver Program	5			
7.e Install Solar Space Heating System	2			
8. INDOOR AIR QUALITY	8			
8.a Use Low VOC Interior Paints: (<=50 g/l flat; <=150 g/l non-flat)	1			
8.b Use Low VOC Water-Based Wood Finishes (<=50 gpl)	1			
8.c Use Low VOC Construction Adhesives (<=50 gpl)	1			
8.d Use Composite Wood Products With No Urea Formaldehyde for Subflooring	1			
8.e Use Only Formaldehyde-Free Wood Products for Cabinets, Shelving and Interior Trim	1			
8.f Install CRI Green Label Certified Carpet or no carpet	2			
8.g Use Only Formaldehyde Free Insulation	1			
9. RESOURCE EFFICIENT MATERIALS	6			
9.a Install Carpet with 25% or Greater Recycled-Content or integral finish	1			
9.b Install "Green" Flooring Options: FSC Certified Wood, Reclaimed Wood, Natural Linoleum, Bamboo, or Cork (1 pt/100 sf)	1			
9.c Use Recycled Plastic Materials for Exterior Decking & Patio Covers	1			
9.d Use of Recycled Materials (50% of all material have recycled content)	1			
9.e Use of rapidly renewable materials	1			
9.f Use of local materials	1			
10. EDUCATION AND AWARENESS	14			
10.a Develop a Home Owners Manual Containing the Green Features you Have Added (Simply Organize All the Documents in One Location - i.e. Appliance Manuals, Spec Sheets, Utility Savings, etc.)	3			
10.b Record your Baseline Utility Bills (i.e. Electricity Bills, Water Bills, Gas Bills) Pre-Project Initiation for Calculating a Return on Investment Over Time Post Project Completion	3			
10.c Include HB Green Scorecard with Blueprints and Submittals	3			
10.d Innovation Points - Extra Credit (Describe extra greening steps taken above & beyond topics covered in this scorecard)	5			
GRAND TOTAL POINTS	107			
Scoring based on applicable points: 50% = HB Green Home; 75% = HB Green Home Plus; 90% = HB Green Home Premium; For homeowner projects a minimum of 25 points is required				