



**Project Checklist**

for Homes

LEED

Homes

**Builder Name:** Geoffrey Hobert

**Home Address (Street/City/State):**

Input Variables		Minimum No. of Points Required:									
No of Bedrooms:	3	Floor Area (SF):	1900	Certified:	45	Silver:	60	Gold:	75	Platinum:	90
Detailed information on the measures below are provided in the companion document "LEED for Homes Rating System"										<b>Max Points Available</b>	
<b>Innovation and Design Process (ID)</b> (Minimum of 0 ID Points Required)										<b>9</b>	<b>Verification Requirement</b>
Y / Pts	No	Maybe									
Y			1.1	<b>Integrated Project Planning</b>	Preliminary Rating				Prerequisite		
			1.2		Integrated Project Team				1		
			1.3		Design Charrette				1		
Y			2.1	<b>Quality Management for Durability</b>	Durability Planning; (Pre-Construction)				Prerequisite	Durability Plan Review	Rater
Y			2.2		Wet Room Measures				Prerequisite	Visual inspection	Rater
Y			2.3		Quality Management				Prerequisite	QM Plan review	Rater
			2.4		Third-Party Durability Inspection				3		
			3.1	<b>Innovative / Regional Design</b>	Provide Description and Justification for Specific Measure				1		
			3.2		Provide Description and Justification for Specific Measure				1		
			3.3		Provide Description and Justification for Specific Measure				1		
			3.4		Provide Description and Justification for Specific Measure				1		
0		Sub-Total									
<b>Location and Linkages (LL)</b> (Minimum of 0 LL Points Required)										<b>OR 10</b>	
Y / Pts	No	Maybe									
			1	<b>LEED-ND Neighborhood</b>					LL2-5	10	
2			2	<b>Site Selection</b>	Avoid Environmentally Sensitive Sites and Farmland				LL1	2	Accountability Form
			3.1	<b>Preferred Locations</b>	Select an Edge Development Site				LL1	1	
			3.2		OR Select an Infill Site				LL1	2	
			3.3		OR Select a Previously Developed Site				LL1	1	
		1	4	<b>Infrastructure</b>	Site within 1/2 Mile of Existing Water and Sewer				LL1	1	Confirm
1			5.1	<b>Community Resources &amp; Public Transit</b>	Basic Community Resources / Public Transportation				LL1	1	Visual verification - map/schedules
			5.2		OR Extensive Community Resources / Public Transportation				LL1	2	
			5.3		OR Outstanding Community Resources / Public Transportation				LL1	3	
1			6	<b>Access to Open Space</b>	Publicly Accessible Green Spaces				LL1	1	Visual verification - map
4		Sub-Total									
<b>Sustainable Sites (SS)</b> (Minimum of 5 SS Points Required)										<b>OR 21</b>	
Y / Pts	No	Maybe									
Y			1.1	<b>Site Stewardship</b>	Erosion Controls (During Construction)				Prerequisite	Visual Verification (inc. digital photographs)	Rater
1			1.2		Minimize Disturbed Area of Site				1	Confirm - visual verification. Tree preservation plan, 40% undisturbed	Rater
Y			2.1	<b>Landscaping</b>	No Invasive Plants				Prerequisite	Accountability form	Landscape
2			2.2		Basic Landscaping Design				2	Accountability form	Landscape
3			2.3		Limit Turf				3	Accountability form	Landscape
1			2.4		Drought Tolerant Plants				2	Accountability form, cite list source	landscape
1			3	<b>Shading of Hardscapes</b>	Locate and Plant Trees to Shade Hardscapes				1	Accountability Form	Arch/landscape
4			4.1	<b>Surface Water Management</b>	Design Permeable Site				4	Accountability form	Arch/Civil
2			4.2		Design and Install Permanent Erosion Controls				2	Confirm	
2			5	<b>Non-Toxic Pest Control</b>	Select Insect and Pest Control Alternatives from List				2	Visual verification	Rater
			6.1	<b>Compact Development</b>	Average Housing Density ≥ Units / Acre				LL1	2	
			6.1		OR Average Housing Density ≥ 10 Units / Acre				LL1	3	
			6.3		OR Average Housing Density ≥ 20 Units / Acre				LL1	4	
16		Sub-Total									
<b>Water Efficiency (WE)</b> (Minimum of 3 WE Points Required)										<b>OR 15</b>	
Y / Pts	No	Maybe									
			1.1	<b>Water Reuse</b>	Rainwater Harvesting System					4	
			1.2		Grey Water Re-Use System					1	
			2.1	<b>Irrigation System</b>	Select High Efficiency Measures from List					3	
			2.2		Third Party Verification					1	
4			2.3		OR Install Landscape Designed by Licensed or Certified Professional				WE 2.2	4	Accountability form
3			3.1	<b>Indoor Water Use</b>	High Efficiency Fixtures (Toilets, Showers, and Faucets)					3	Visual Verification
1			3.2		OR Very High Efficiency Fixtures (Toilets, Showers, and Faucets)				WE 3.1	6	Visual Verification
8		Sub-Total									



### Project Checklist (cont'd)

HERS Index Value Achieved:   
 IECC Climate Zone:

EA 1.2 Pts Achieved:

Y/Pts	No	Maybe	Prerequisite	Points	Requirement	Verification	By
<b>Energy and Atmosphere (EA)</b> (Minimum of 0 EA Points Required) OR <b>38</b>							
Y	34			34	1.1 ENERGY STAR Home	Meets ENERGY STAR for Homes with Third-Party Testing	Rater
					1.2	Exceeds ENERGY STAR for Homes	Rater
	2			2	7.1 Water Heating	Improved Hot Water Distribution System	
	1			1	7.2	Pipe Insulation	
1				1	11 Refrigerant Management	Minimize Ozone Depletion and Global Warming Contributions	Arch/HVAC
<b>35</b> Sub-Total (or Sub-Total from Addendum A - Prescriptive EA Credits)							
<b>Materials and Resources (MR)</b> (Minimum of 2 MR Points Required) OR <b>14</b>							
Y	2			3	1.1 Material Efficient Framing	Overall Waste Factor for Framing Order Shall be No More than 10%.	Rater/Contractor
					1.2	Advanced Framing Techniques	Rater/Contractor Done
					1.3	Structurally Insulated Panels	
Y	6	2		8	2.1 Environmentally Preferable Products	Tropical Woods, if Used, Must be FSC	Arch/Contractor
					2.2	Select Environmentally Preferable Products from List	Arch/Contractor
Y	2	1		3	3.1 Waste Management	Document Overall Rate of Diversion	Contractor
					3.2	Reduce Waste Sent to Landfill by 25% to 100%	Rater/Contractor
<b>10</b> Sub-Total							
<b>Indoor Environmental Quality (IEQ)</b> (Minimum of 6 IEQ Points Required) OR <b>20</b>							
				11	1 ENERGY STAR with IAP	Meets ENERGY STAR w/ Indoor Air Package (IAP)	
				2	2.1 Combustion Venting	Space Heating & DHW Equip w/ Closed/Power-Exhaust	
1				2	2.2	Install High Performance Fireplace	Confirm fireplace rating
		1		1	3 Moisture Control	Analyze Moisture Loads AND Install Central System (if Needed)	
Y	2			2	4.1 Outdoor Air Ventilation	Meets ASHRAE Std 62.2	HVAC
					4.2	Dedicated Outdoor Air System (w/ Heat Recovery)	Visual Verification
		1		1	4.3	Third-Party Testing of Outdoor Air Flow Rate into Home	Can be done by Rater if requested
Y				1	5.1 Local Exhaust	Meets ASHRAE Std 62.2	HVAC
		1		1	5.2	Timer / Automatic Controls for Bathroom Exhaust Fans	Confirm - Visual Verification
		1		1	5.3	Third-Party Testing of Exhaust Air Flow Rate Out of Home	Can be done by Rater if requested
Y				2	6.1 Supply Air Distribution	Meets ACCA Manual D	HVAC
					6.2	Third-Party Testing of Supply Air Flow into Each Room in Home	Accountability form - Room by Room load calcs using Manual J or equivalent
Y				1	7.1 Supply Air Filtering	≥ 8 MERV Filters, w/ Adequate System Air Flow	
					7.2	≥ 10 MERV Filters, w/ Adequate System Air Flow	
2				2	7.3	≥ 13 MERV Filters, w/ Adequate System Air Flow	Visual verification - document or on product
1				1	8.1 Contaminant Control	Seal-Off Ducts During Construction	Rater
1				2	8.2	Permanent Walk-Off Mats OR Shoe Storage OR Central Vacuum	Visual verification (inc. digital photographs)
1				1	8.3	Flush Home Continuously for 1 Week with Windows Open	Confirm
Y				1	9.1 Radon Protection	Install Radon Resistant Construction if Home is in EPA Zone 1	Arch/Contractor
					9.2	Install Radon Resistant Construction if Home is not in EPA Zone 1	
Y				2	10.1 Garage Pollutant Protection	No Air Handling Equipment OR Return Ducts in Garage	Rater
	2			2	10.2	Tightly Seal Shared Surfaces between Garage and Home	Visual verification (inc. digital photographs)
					10.3	Exhaust Fan in Garage	
				3	10.4		Visual verification of No Garage (See note from Doug King re. verification requirement for this carport)
1				1		OR Detached Garage or No Garage	Rater
<b>10</b> Sub-Total							
<b>Awareness and Education (AE)</b> (Minimum of 0 AE Points Required) OR <b>3</b>							
Y	1			1	1.1 Education for Homeowner and/or Tenants	Basic Occupant's Manual and Walkthrough of LEED Home	Rater
					1.2	Comprehensive Occupant's Manual and Multiple Walkthroughs / Trainings	Visual Verification of Manual
1				1	1.3	Public Awareness of LEED Home	Visual verification of compliance options
					2.1 Education for Building Mgrs	Basic Building Manager's Manual and Walkthrough of LEED Home	Rater
<b>2</b> Sub-Total							
<b>85</b>				<b>Project Totals (pre-certification estimates)</b>		<i>Estimated Performance Tier:</i> <b>130</b>	



Homes

**Project Checklist, Addendum A**  
**Prescriptive Approach for Energy and Atmosphere (EA) Credits**

Details of the measures below are provided in the companion document "LEED for Homes Rating System"			<b>Max Points Available</b>			
Y / Pts	No	Maybe	<b>Energy and Atmosphere (EA)</b>	(Minimum of 0 EA Points Required)	<b>OR</b>	<b>38</b>
			2.1 <b>Insulation</b>	Third-Party Inspection of Insulation, At Least HERS Grade II	<b>EA 1</b>	Prerequisite
			2.2	Third-Party Inspection of Insulation, Grade I AND 5% above code	<b>EA 1</b>	2
			3.1 <b>Air Infiltration</b>	Third-Party Envelope Air Leakage Tested <= 7.0 ACH50 (CZ 1-2)	<b>EA 1</b>	Prerequisite
			3.2	Third-Party Envelope Air Leakage Tested <= 5.0 ACH50 (CZ 1-2)	<b>EA 1</b>	2
			3.3	<b>OR</b> Third-Party Envelope Air Leakage Tested <= 3.0 ACH50	<b>EA 1</b>	3
			4.1 <b>Windows</b>	Windows Meet ENERGY STAR for Windows (See Table)	<b>EA 1</b>	Prerequisite
			4.2	Windows Exceed ENERGY STAR for Windows (See Table)	<b>EA 1</b>	2
			4.3	<b>OR</b> Windows Exceed ENERGY STAR for Windows (See Table)	<b>EA 1</b>	3
			5.1 <b>Duct Tightness</b>	Third-Party Duct Leakage Tested <= 4.0 CFM25 / 100 SF to Outside	<b>EA 1</b>	Prerequisite
			5.2	Third-Party Duct Leakage Tested <= 3.0 CFM25 / 100 SF to Outside	<b>EA 1</b>	2
			5.3	<b>OR</b> Third-Party Duct Leakage Tested <= 1.0 CFM25 / 100 SF to Outside	<b>EA 1</b>	3
			6.1 <b>Space Heating and Cooling</b>	Meets ENERGY STAR for HVAC w/ Manual J & refrigerant charge test	<b>EA 1</b>	Prerequisite
			6.2	HVAC is Better than ENERGY STAR	<b>EA 1</b>	2
			6.3	<b>OR</b> HVAC Substantially Exceeds ENERGY STAR	<b>EA 1</b>	4
			7.1 <b>Water Heating</b>	Improved Hot Water Distribution System		2
			7.2	Pipe Insulation		1
			7.3 <b>Water Heating</b>	Improved Water Heating Equipment	<b>EA 1</b>	3
			8.1 <b>Lighting</b>	Install at Least Three ENERGY STAR labeled Light Fixtures (or CFLS)	<b>EA 1</b>	Prerequisite
			8.2	Energy Efficient Fixtures and Controls	<b>EA 1</b>	2
			8.3	<b>OR</b> ENERGY STAR Advanced Lighting Package	<b>EA 1</b>	3
			9.1 <b>Appliances</b>	Select Appliances from List	<b>EA 1</b>	2
			9.2	Very Efficient Clothes Washer (MEF > 1.8, AND WF < 5.5)	<b>EA 1</b>	1
			10 <b>Renewable Energy</b>	Renewable Electric Generation System (1 Point / 5% Reduction)	<b>EA 1</b>	10
			11 <b>Refrigerant Management</b>	Minimize Ozone Depletion and Global Warming Contributions		1
<b>35</b>			<b>Sub-Total</b>			

By affixing my signature below, the undersigned does hereby declare and affirm to the USGBC that the LEED for Homes requirements, as specified in the LEED for Homes Rating System, have been met for the indicated credits and will, if audited, provide the necessary supporting documents.

Builder's Name  Company

Signature  Date

By affixing my signature below, the undersigned does hereby declare and affirm to the USGBC that the required inspections and performance testing for the LEED for Homes requirements, as specified in the LEED for Homes Rating System, have been completed, and will provide the project documentation file, if requested.

Rater's Name  Company

Signature  Date

By affixing my signature below, the undersigned does hereby declare and affirm to the USGBC that the required inspections and performance testing for the LEED for Homes requirements, as specified in the LEED for Homes Rating System, have been completed, and will provide the project documentation file, if requested.

Provider's Name  Company

Signature  Date