



for Homes

# LEED for Homes Simplified Project Checklist

Builder Name:	Clayton Watkins Construction Company
Project Team Leader (if different):	Douglas Weatherby, PCI Design Group
Home Address (Street/City/State):	see attached address list, Piketon, Ohio

**Project Description:**

**Adjusted Certification Thresholds**

Building type: **Single attached**  
 # of bedrooms: 1

Project type: **Multi-family De**  
 Floor area: 720

Certified: 39.0  
 Silver: 54.0  
 Gold: 69.0  
 Platinum: 84.0

<b>Project Point Total</b>	<b>Final Credit Category Total Points</b>				
Prelim: 63.5 + 4 maybe pts	Final: 65.5	ID: 8	SS: 11.5	EA: 15	EQ: 9
<b>Certification Level</b>		LL: 5	WE: 5	MR: 10	AE: 2
Prelim: Silver	Final: Silver				

date last updated : **May 18, 2018**  
 last updated by : **Nate Steeber, Sol design + consulting**

**Max Points**      **Project Points**  
 Preliminary      Final

<b>Innovation and Design Process (ID)</b>		(No Minimum Points Required)		OR	Max	Y/Pts	Maybe	No	Y/Pts
<b>1. Integrated Project Planning</b>	1.1 Preliminary Rating			Prereq	1	Y			Y
	1.2 Integrated Project Team				1	1	0		1
	1.3 Professional Credentialed with Respect to LEED for Homes				1	1	0		1
	1.4 Design Charrette				1	1	0		1
	1.5 Building Orientation for Solar Design				1	0	0		0
<b>2. Durability Management Process</b>	2.1 Durability Planning			Prereq	1	Y			Y
	2.2 Durability Management			Prereq	1	Y			Y
	2.3 Third-Party Durability Management Verification				3	3	0		3
<b>3. Innovative or Regional Design</b>	3.1 Innovation #1	<u>Universal Design</u>			1	1	0		1
	3.2 Innovation #2	<u>Innovation: Trades Training</u>			1	1	0		1
	3.3 Innovation #3				1	0	0		0
	3.4 Innovation #4				1	0	0		0
<i>Sub-Total for ID Category:</i>					<b>11</b>	<b>8</b>	<b>0</b>		<b>8</b>
<b>Location and Linkages (LL)</b>		(No Minimum Points Required)		OR	Max	Y/Pts	Maybe	No	Y/Pts
<b>1. LEED ND</b>	1 LEED for Neighborhood Development		<b>LL2-6</b>		10	0	0		0
<b>2. Site Selection</b>	2 Site Selection				2	2	0		2
<b>3. Preferred Locations</b>	3.1 Edge Development		<b>LL 3.2</b>		1	1	0		1
	3.2 Infill				2	0	0		0
	3.3 Previously Developed				1	0	0		0
<b>4. Infrastructure</b>	4 Existing Infrastructure				1	1	0		1
<b>5. Community Resources/ Transit</b>	5.1 Basic Community Resources / Transit		<b>LL 5.2, 5.3</b>		1	0	0	N	0
	5.2 Extensive Community Resources / Transit		<b>LL 5.3</b>		2	0	0		0
	5.3 Outstanding Community Resources / Transit				3	0	0		0
<b>6. Access to Open Space</b>	6 Access to Open Space				1	1	0		1
<i>Sub-Total for LL Category:</i>					<b>10</b>	<b>5</b>	<b>0</b>		<b>5</b>
<b>Sustainable Sites (SS)</b>		(Minimum of 5 SS Points Required)		OR	Max	Y/Pts	Maybe	No	Y/Pts
<b>1. Site Stewardship</b>	1.1 Erosion Controls During Construction			Prereq	1	Y			Y
	1.2 Minimize Disturbed Area of Site				1	0	0		0
<b>2. Landscaping</b>	2.1 No Invasive Plants			Prereq	1	Y			Y
	2.2 Basic Landscape Design		<b>SS 2.5</b>		2	2	0		2
	2.3 Limit Conventional Turf		<b>SS 2.5</b>		3	0	0		0
	2.4 Drought Tolerant Plants		<b>SS 2.5</b>		2	2	0		2
	2.5 Reduce Overall Irrigation Demand by at Least 20%				6	0	0		0
<b>3. Local Heat Island Effects</b>	3 Reduce Local Heat Island Effects				1	0	0		0
<b>4. Surface Water Management</b>	4.1 Permeable Lot				4	3	0		3
	4.2 Permanent Erosion Controls				1	1	0		1
	4.3 Management of Run-off from Roof				2	2	0		2
<b>5. Nontoxic Pest Control</b>	5 Pest Control Alternatives				2	1.5	0		1.5
<b>6. Compact Development</b>	6.1 Moderate Density		<b>SS 6.2, 6.3</b>		2	0	0		0
	6.2 High Density		<b>SS 6.3</b>		3	0	0		0
	6.3 Very High Density				4	0	0		0
<i>Sub-Total for SS Category:</i>					<b>22</b>	<b>11.5</b>	<b>0</b>		<b>11.5</b>

## LEED for Homes Simplified Project Checklist (continued)

				Max Points	Project Points				
					Y/Pts	Maybe	No	Y/Pts	
				OR	Max	Y/Pts	Maybe	No	Y/Pts
<b>Water Efficiency (WE)</b> (Minimum of 3 WE Points Required)				OR	Max	Y/Pts	Maybe	No	Y/Pts
<b>1. Water Reuse</b>	1.1	Rainwater Harvesting System	<b>WE 1.3</b>	4	0	0	0	0	
	1.2	Graywater Reuse System	<b>WE 1.3</b>	1	0	0	0	0	
	1.3	Use of Municipal Recycled Water System		3	0	0	0	0	
<b>2. Irrigation System</b>	2.1	High Efficiency Irrigation System	<b>WE 2.3</b>	3	0	0	0	0	
	2.2	Third Party Inspection	<b>WE 2.3</b>	1	0	0	0	0	
	2.3	Reduce Overall Irrigation Demand by at Least 45%		4	0	0	0	0	
<b>3. Indoor Water Use</b>	3.1	High-Efficiency Fixtures and Fittings		3	1	0	0	1	
	3.2	Very High Efficiency Fixtures and Fittings		6	4	0	0	4	
<i>Sub-Total for WE Category:</i>				<b>15</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>5</b>	
<b>Energy and Atmosphere (EA)</b> (Minimum of 0 EA Points Required)				OR	Max	Y/Pts	Maybe	No	Y/Pts
<b>1. Optimize Energy Performance</b>	1.1	Performance of ENERGY STAR for Homes		Prereq	Y			Y	
	1.2	Exceptional Energy Performance		34	13	0		13	
<b>7. Water Heating</b>	7.1	Efficient Hot Water Distribution		2	0	0		0	
	7.2	Pipe Insulation		1	1	0		1	
<b>11. Residential Refrigerant Management</b>	11.1	Refrigerant Charge Test		Prereq	Y			Y	
	11.2	Appropriate HVAC Refrigerants		1	1	0		1	
<i>Sub-Total for EA Category:</i>				<b>38</b>	<b>15</b>	<b>0</b>	<b>0</b>	<b>15</b>	
<b>Materials and Resources (MR)</b> (Minimum of 2 MR Points Required)				OR	Max	Y/Pts	Maybe	No	Y/Pts
<b>1. Material-Efficient Framing</b>	1.1	Framing Order Waste Factor Limit		Prereq	Y			Y	
	1.2	Detailed Framing Documents	<b>MR 1.5</b>	1	1	0		1	
	1.3	Detailed Cut List and Lumber Order	<b>MR 1.5</b>	1	1	0		1	
	1.4	Framing Efficiencies	<b>MR 1.5</b>	3	2	0		2	
	1.5	Off-site Fabrication		4	0	0		0	
<b>2. Environmentally Preferable Products</b>	2.1	FSC Certified Tropical Wood		Prereq	Y			Y	
	2.2	Environmentally Preferable Products		8	4	0		4	
<b>3. Waste Management</b>	3.1	Construction Waste Management Planning		Prereq	Y			Y	
	3.2	Construction Waste Reduction		3	0	2		2	
<i>Sub-Total for MR Category:</i>				<b>16</b>	<b>8</b>	<b>2</b>	<b>0</b>	<b>10</b>	
<b>Indoor Environmental Quality (EQ)</b> (Minimum of 6 EQ Points Required)				OR	Max	Y/Pts	Maybe	No	Y/Pts
<b>1. ENERGY STAR with IAP</b>	1	ENERGY STAR with Indoor Air Package		13	0	0		0	
<b>2. Combustion Venting</b>	2.1	Basic Combustion Venting Measures	<b>EQ 1</b>	Prereq	Y			Y	
	2.2	Enhanced Combustion Venting Measures	<b>EQ 1</b>	2	2	0		2	
<b>3. Moisture Control</b>	3	Moisture Load Control	<b>EQ 1</b>	1	0	0		0	
<b>4. Outdoor Air Ventilation</b>	4.1	Basic Outdoor Air Ventilation	<b>EQ 1</b>	Prereq	Y			Y	
	4.2	Enhanced Outdoor Air Ventilation		2	0	0		0	
	4.3	Third-Party Performance Testing	<b>EQ 1</b>	1	0	1		0	
<b>5. Local Exhaust</b>	5.1	Basic Local Exhaust	<b>EQ 1</b>	Prereq	Y			Y	
	5.2	Enhanced Local Exhaust		1	1	0		1	
	5.3	Third-Party Performance Testing		1	0	1		0	
<b>6. Distribution of Space Heating and Cooling</b>	6.1	Room-by-Room Load Calculations	<b>EQ 1</b>	Prereq	Y			Y	
	6.2	Return Air Flow / Room by Room Controls	<b>EQ 1</b>	1	0	0		0	
	6.3	Third-Party Performance Test / Multiple Zones	<b>EQ 1</b>	2	0	0		0	
<b>7. Air Filtering</b>	7.1	Good Filters	<b>EQ 1</b>	Prereq	Y			Y	
	7.2	Better Filters	<b>EQ 7.3</b>	1	1	0		1	
	7.3	Best Filters		2	0	0		0	
<b>8. Contaminant Control</b>	8.1	Indoor Contaminant Control during Construction	<b>EQ 1</b>	1	1	0		1	
	8.2	Indoor Contaminant Control		2	0	0		0	
	8.3	Preoccupancy Flush	<b>EQ 1</b>	1	1	0		1	
<b>9. Radon Protection</b>	9.1	Radon-Resistant Construction in High-Risk Areas	<b>EQ 1</b>	Prereq	Y			Y	
	9.2	Radon-Resistant Construction in Moderate-Risk Areas	<b>EQ 1</b>	1	0	0		0	
<b>10. Garage Pollutant Protection</b>	10.1	No HVAC in Garage	<b>EQ 1</b>	Prereq	Y			Y	
	10.2	Minimize Pollutants from Garage	<b>EQ 1, 10.4</b>	2	0	0		0	
	10.3	Exhaust Fan in Garage	<b>EQ 1, 10.4</b>	1	0	0		0	
	10.4	Detached Garage or No Garage	<b>EQ 1</b>	3	3	0		3	
<i>Sub-Total for EQ Category:</i>				<b>21</b>	<b>9</b>	<b>2</b>	<b>0</b>	<b>9</b>	
<b>Awareness and Education (AE)</b> (Minimum of 0 AE Points Required)				OR	Max	Y/Pts	Maybe	No	Y/Pts
<b>1. Education of the Homeowner or Tenant</b>	1.1	Basic Operations Training		Prereq	Y			Y	
	1.2	Enhanced Training		1	0	0		0	
	1.3	Public Awareness		1	1	0		1	
<b>2. Education of Building Manager</b>	2	Education of Building Manager		1	1	0		1	
<i>Sub-Total for AE Category:</i>				<b>3</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>	