



for Homes

LEED for Homes Simplified Project Checklist

Builder Name:	Pete Subach
Project Team Leader (if different):	Jeffrey Jakucyk, Architects Plus
Home Address (Street/City/State):	127 Mulberry Street, Cincinnati, OH

Project Description:

Adjusted Certification Thresholds

Building type: **Single detached**
 # of bedrooms: **5**

Project type: **Custom**
 Floor area: **3825**

Certified: **52.5** Gold: **82.5**
 Silver: **67.5** Platinum: **97.5**

Project Point Total	Final Credit Category Total Points			
Prelim: 88 + 1 maybe pts	Final: 88	ID: 10	SS: 13	EA: 24.5 EQ: 15
Certification Level		LL: 10	WE: 4	MR: 9.5 AE: 2
Prelim: Gold	Final: Gold			

date last updated : **February 24, 2016**
 last updated by : **Nate Steeber, Sol design + consulting**

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

Innovation and Design Process (ID)				(No Minimum Points Required)	OR	Max	Y/Pts	Maybe	No	Y/Pts
1. Integrated Project Planning	1.1	Preliminary Rating		Prereq			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
2. Durability Management Process	2.1	Durability Planning		Prereq		Y				Y
	2.2	Durability Management		Prereq		Y				Y
	2.3	Third-Party Durability Management Verification		3		3	0			3
3. Innovative or Regional Design	3.1	Innovation #1	Significantly exceeds LL5.3	1		1	0			1
	3.2	Innovation #2	Innovation: Street Network	1		1	0			1
	3.3	Innovation #3	Innovation: Advanced Utility Tracking	1		1	0			1
	3.4	Innovation #4	Significantly exceeds SS5	1		1	0			1
<i>Sub-Total for ID Category:</i>						11	10	0		10
Location and Linkages (LL)				(No Minimum Points Required)	OR	Max	Y/Pts	Maybe	No	Y/Pts
1. LEED ND	1	LEED for Neighborhood Development	LL2-6			10	0	0		0
2. Site Selection	2	Site Selection				2	2	0		2
3. Preferred Locations	3.1	Edge Development	LL 3.2			1	0	0		0
	3.2	Infill				2	2	0		2
	3.3	Previously Developed				1	1	0		1
4. Infrastructure	4	Existing Infrastructure				1	1	0		1
5. Community Resources/ Transit	5.1	Basic Community Resources / Transit	LL 5.2, 5.3			1	0	0		0
	5.2	Extensive Community Resources / Transit	LL 5.3			2	0	0		0
	5.3	Outstanding Community Resources / Transit				3	3	0		3
6. Access to Open Space	6	Access to Open Space				1	1	0		1
<i>Sub-Total for LL Category:</i>						10	10	0		10
Sustainable Sites (SS)				(Minimum of 5 SS Points Required)	OR	Max	Y/Pts	Maybe	No	Y/Pts
1. Site Stewardship	1.1	Erosion Controls During Construction		Prereq			Y			Y
	1.2	Minimize Disturbed Area of Site		1		0	0			0
2. Landscaping	2.1	No Invasive Plants		Prereq			Y			Y
	2.2	Basic Landscape Design	SS 2.5	2		2	0			2
	2.3	Limit Conventional Turf	SS 2.5	3		3	0			3
	2.4	Drought Tolerant Plants	SS 2.5	2		2	0			2
	2.5	Reduce Overall Irrigation Demand by at Least 20%		6		0	0			0
3. Local Heat Island Effects	3	Reduce Local Heat Island Effects				1	0	0		0
4. Surface Water Management	4.1	Permeable Lot				4	3	1		3
	4.2	Permanent Erosion Controls				1	1	0		1
	4.3	Management of Run-off from Roof				2	0	0		0
5. Nontoxic Pest Control	5	Pest Control Alternatives				2	2	0		2
6. Compact Development	6.1	Moderate Density	SS 6.2, 6.3			2	0	0		0
	6.2	High Density	SS 6.3			3	0	0		0
	6.3	Very High Density				4	0	0		0
<i>Sub-Total for SS Category:</i>						22	13	1		13

LEED for Homes Simplified Project Checklist (continued)

				Max Points	Project Points			Final
				Max	Y/Pts	Maybe	No	Y/Pts
Water Efficiency (WE) (Minimum of 3 WE Points Required) OR								
1. Water Reuse	1.1	Rainwater Harvesting System	WE 1.3	4	0	0	0	0
	1.2	Graywater Reuse System	WE 1.3	1	0	0	0	0
	1.3	Use of Municipal Recycled Water System		3	0	0	0	0
2. Irrigation System <input checked="" type="checkbox"/>	2.1	High Efficiency Irrigation System	WE 2.3	3	0	0	0	0
	2.2	Third Party Inspection	WE 2.3	1	0	0	0	0
	2.3	Reduce Overall Irrigation Demand by at Least 45%		4	0	0	0	0
3. Indoor Water Use	3.1	High-Efficiency Fixtures and Fittings		3	2	0	2	2
	3.2	Very High Efficiency Fixtures and Fittings		6	2	0	2	2
<i>Sub-Total for WE Category:</i>				15	4	0	4	4
Energy and Atmosphere (EA) (Minimum of 0 EA Points Required) OR								
1. Optimize Energy Performance	1.1	Performance of ENERGY STAR for Homes		Prereq	Y		Y	Y
	1.2	Exceptional Energy Performance		34	23.5	0		23.5
7. Water Heating <input checked="" type="checkbox"/>	7.1	Efficient Hot Water Distribution		2	0	0	0	0
	7.2	Pipe Insulation		1	0	0	0	0
11. Residential Refrigerant Management	11.1	Refrigerant Charge Test		Prereq	Y		Y	Y
	11.2	Appropriate HVAC Refrigerants		1	1	0	1	1
<i>Sub-Total for EA Category:</i>				38	24.5	0	24.5	24.5
Materials and Resources (MR) (Minimum of 2 MR Points Required) OR								
1. Material-Efficient Framing	1.1	Framing Order Waste Factor Limit		Prereq	Y		Y	Y
	1.2	Detailed Framing Documents	MR 1.5	1	0	0	0	0
	1.3	Detailed Cut List and Lumber Order	MR 1.5	1	0	0	0	0
	1.4	Framing Efficiencies	MR 1.5	3	0	0	0	0
	1.5	Off-site Fabrication		4	0	0	0	0
2. Environmentally Preferable Products <input checked="" type="checkbox"/>	2.1	FSC Certified Tropical Wood		Prereq	Y		Y	Y
	2.2	Environmentally Preferable Products		8	8	0	8	8
3. Waste Management	3.1	Construction Waste Management Planning		Prereq	Y		Y	Y
	3.2	Construction Waste Reduction		3	1.5	0	1.5	1.5
<i>Sub-Total for MR Category:</i>				16	9.5	0	9.5	9.5
Indoor Environmental Quality (EQ) (Minimum of 6 EQ Points Required) OR								
1. ENERGY STAR with IAP	1	ENERGY STAR with Indoor Air Package		13	0	0	0	0
2. Combustion Venting	2.1	Basic Combustion Venting Measures	EQ 1	Prereq	Y		Y	Y
	2.2	Enhanced Combustion Venting Measures	EQ 1	2	2	0	2	2
3. Moisture Control	3	Moisture Load Control	EQ 1	1	1	0	1	1
4. Outdoor Air Ventilation <input checked="" type="checkbox"/>	4.1	Basic Outdoor Air Ventilation	EQ 1	Prereq	Y		Y	Y
	4.2	Enhanced Outdoor Air Ventilation		2	2	0	2	2
	4.3	Third-Party Performance Testing	EQ 1	1	0	0	0	0
5. Local Exhaust <input checked="" type="checkbox"/>	5.1	Basic Local Exhaust	EQ 1	Prereq	Y		Y	Y
	5.2	Enhanced Local Exhaust		1	1	0	1	1
	5.3	Third-Party Performance Testing		1	0	0	0	0
6. Distribution of Space Heating and Cooling <input checked="" type="checkbox"/>	6.1	Room-by-Room Load Calculations	EQ 1	Prereq	Y		Y	Y
	6.2	Return Air Flow / Room by Room Controls	EQ 1	1	1	0	1	1
	6.3	Third-Party Performance Test / Multiple Zones	EQ 1	2	0	0	0	0
7. Air Filtering	7.1	Good Filters	EQ 1	Prereq	Y		Y	Y
	7.2	Better Filters	EQ 7.3	1	0	0	0	0
	7.3	Best Filters		2	2	0	2	2
8. Contaminant Control <input checked="" type="checkbox"/>	8.1	Indoor Contaminant Control during Construction	EQ 1	1	1	0	1	1
	8.2	Indoor Contaminant Control		2	1	0	1	1
	8.3	Preoccupancy Flush	EQ 1	1	1	0	1	1
9. Radon Protection <input checked="" type="checkbox"/>	9.1	Radon-Resistant Construction in High-Risk Areas	EQ 1	Prereq	Y		Y	Y
	9.2	Radon-Resistant Construction in Moderate-Risk Areas	EQ 1	1	0	0	0	0
10. Garage Pollutant Protection	10.1	No HVAC in Garage	EQ 1	Prereq			Y	Y
	10.2	Minimize Pollutants from Garage	EQ 1, 10.4	2	2	0	2	2
	10.3	Exhaust Fan in Garage	EQ 1, 10.4	1	1	0	1	1
	10.4	Detached Garage or No Garage	EQ 1	3	0	0	0	0
<i>Sub-Total for EQ Category:</i>				21	15	0	15	15
Awareness and Education (AE) (Minimum of 0 AE Points Required) OR								
1. Education of the Homeowner or Tenant <input checked="" type="checkbox"/>	1.1	Basic Operations Training		Prereq	Y		Y	Y
	1.2	Enhanced Training		1	1	0	1	1
	1.3	Public Awareness		1	1	0	1	1
2. Education of Building Manager <input checked="" type="checkbox"/>	2	Education of Building Manager		1	0	0	0	0
<i>Sub-Total for AE Category:</i>				3	2	0	2	2