



for Homes

## LEED for Homes Simplified Project Checklist

Builder Name:	Loop Construction
Project Team Leader (if different from Ana Garcia Doyle, Home Owner)	
Home Address (Street/City/State, Oak Park, IL)	

**Project Description:**

**Adjusted Certification Thresholds**

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

Project type: **Custom**  
Floor area: **3613**

Certified: **51.0**  
Silver: **66.0**  
Gold: **81.0**  
Platinum: **96.0**

<b>Project Point Total</b>	<b>Final Credit Category Total Points</b>			
Prelim: 73 + 10 maybe pts Final: 90	ID: 3	SS 14.5	EA: 34	EQ: 13
<b>Certification Level</b>	LL: 10	WE 7	MR: 6	AE: 2
Prelim: Not Certified	Final: Gold			

date last updated :  
last updated by :

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

<b>Innovation and Design Process (ID)</b> (No Minimum Points Required)					Max	Y/Pts	Maybe	No	Y/Pts	
<b>1. Integrated Project Planning</b>	1.1 Preliminary Rating			Prereq					<b>Y</b>	
	1.2 Integrated Project Team			1	0	0			<b>0</b>	
	1.3 Professional Credentialed with Respect to LEED for Home			1	0	0			<b>0</b>	
	1.4 Design Charrette			1	0	0			<b>0</b>	
	1.5 Building Orientation for Solar Design			1	0	0			<b>0</b>	
<b>2. Durability Management Process</b>	2.1 Durability Planning			Prereq					<b>Y</b>	
	2.2 Durability Management			Prereq					<b>Y</b>	
	2.3 Third-Party Durability Management Verification			3	0	0			<b>0</b>	
<b>3. Innovative or Regional Design</b>	3.1 Innovation #1 _____			1	1	0			<b>1</b>	
	3.2 Innovation #2 _____			1	1	0			<b>1</b>	
	3.3 Innovation #3 _____			1	1	0			<b>1</b>	
	3.4 Innovation #4 _____			1	0	0			<b>0</b>	
<b>Sub-Total for ID Category:</b>					<b>11</b>	<b>3</b>	<b>0</b>		<b>3</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>LL 2-6</b>		10	0	0			<b>0</b>
<b>2. Site Selection</b>	2 Site Selection				2	2	0			<b>2</b>
<b>3. Preferred Locations</b>	3.1 Edge Development		<b>LL 3.2</b>		1	0	0			<b>0</b>
	3.2 Infill				2	2	0			<b>2</b>
	3.3 Previously Developed				1	1	0			<b>1</b>
<b>4. Infrastructure</b>	4 Existing Infrastructure				1	1	0			<b>1</b>
<b>5. Community Resources/ Transit</b>	5.1 Basic Community Resources / Transit		<b>LL 5.2, 5.3</b>		1	0	0			<b>0</b>
	5.2 Extensive Community Resources / Transit		<b>LL 5.3</b>		2	0	0			<b>0</b>
	5.3 Outstanding Community Resources / Transit				3	3	0			<b>3</b>
<b>6. Access to Open Space</b>	6 Access to Open Space				1	1	0			<b>1</b>
<b>Sub-Total for LL Category:</b>					<b>10</b>	<b>10</b>	<b>0</b>			<b>10</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						<b>Y</b>
	1.2 Minimize Disturbed Area of Site			1	0	0				<b>0</b>
<b>2. Landscaping</b>	2.1 No Invasive Plants			Prereq						<b>Y</b>
	2.2 Basic Landscape Design		<b>SS 2.5</b>	2	2	0				<b>2</b>
	2.3 Limit Conventional Turf		<b>SS 2.5</b>	3	0	1				<b>2</b>
	2.4 Drought Tolerant Plants		<b>SS 2.5</b>	2	0	2				<b>2</b>
	2.5 Reduce Overall Irrigation Demand by at Least 20%			6	0	0				<b>0</b>
<b>3. Local Heat Island Effect</b>	3 Reduce Local Heat Island Effects				1	0	0			<b>0</b>
<b>4. Surface Water Management</b>	4.1 Permeable Lot				4	3	0			<b>3</b>
	4.2 Permanent Erosion Controls				1	1	0			<b>1</b>
	4.3 Management of Run-off from Roof				2	0	1			<b>0</b>
<b>5. Nontoxic Pest Control</b>	5 Pest Control Alternatives				2	1	0			<b>1.5</b>
<b>6. Compact Development</b>	6.1 Moderate Density		<b>SS 6.2, 6.3</b>	2	0	0				<b>0</b>
	6.2 High Density		<b>SS 6.3</b>	3	0	0				<b>3</b>
	6.3 Very High Density			4	0	0				<b>0</b>
<b>Sub-Total for SS Category:</b>					<b>22</b>	<b>7</b>	<b>4</b>			<b>15</b>

# LEED for Homes Simplified Project Checklist (continued)

Max Project Points  
Points Preliminary Final

Water Efficiency (WE)		(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	3	0		3
	1.2 Graywater Reuse System	<b>WE 1.3</b>	1	1	0		1
	1.3 Use of Municipal Recycled Water System		3	0	0		0
<b>2. Irrigation System</b>	2.1 High Efficiency Irrigation System	<b>WE 2.3</b>	3	0	0		0
	2.2 Third Party Inspection	<b>WE 2.3</b>	1	0	0		0
	2.3 Reduce Overall Irrigation Demand by at Least 45%		4	0	0		0
<b>3. Indoor Water Use</b>	3.1 High-Efficiency Fixtures and Fittings		3	0	1		1
	3.2 Very High Efficiency Fixtures and Fittings		6	0	0		2
<i>Sub-Total for WE Category:</i>			<b>15</b>	<b>4</b>	<b>1</b>		<b>7</b>
Energy and Atmosphere (EA)		(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
	1.2 Exceptional Energy Performance		34	33	0		33
<b>7. Water Heating</b>	7.1 Efficient Hot Water Distribution		2	0	0		0
	7.2 Pipe Insulation		1	0	0		0
<b>11. Residential Refrigerant Management</b>	11.1 Refrigerant Charge Test		Prereq				Y
	11.2 Appropriate HVAC Refrigerants		1	0	0		1
<i>Sub-Total for EA Category:</i>			<b>38</b>	<b>33</b>	<b>0</b>		<b>34</b>
Materials and Resources (MR)		(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
	1.2 Detailed Framing Documents	<b>MR 1.5</b>	1	0	0		0
	1.3 Detailed Cut List and Lumber Order	<b>MR 1.5</b>	1	0	0		0
	1.4 Framing Efficiencies	<b>MR 1.5</b>	3	0	0		0
	1.5 Off-site Fabrication		4	0	0		0
<b>2. Environmentally Preferable Products</b>	2.1 FSC Certified Tropical Wood		Prereq				Y
	2.2 Environmentally Preferable Products		8	0	4		6
<b>3. Waste Management</b>	3.1 Construction Waste Management Planning		Prereq				Y
	3.2 Construction Waste Reduction		3	0	0		0
<i>Sub-Total for MR Category:</i>			<b>16</b>	<b>0</b>	<b>4</b>		<b>6</b>
Indoor Environmental Quality (EQ)		(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
	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	1		0
<b>4. Outdoor Air Ventilation</b>	4.1 Basic Outdoor Air Ventilation	<b>EQ 1</b>	Prereq				Y
	4.2 Enhanced Outdoor Air Ventilation	<b>EQ 1</b>	2	2	0		2
	4.3 Third-Party Performance Testing	<b>EQ 1</b>	1	1	0		1
<b>5. Local Exhaust</b>	5.1 Basic Local Exhaust	<b>EQ 1</b>	Prereq				Y
	5.2 Enhanced Local Exhaust		1	0	0		0
	5.3 Third-Party Performance Testing		1	0	0		0
<b>6. Distribution of Space Heating and Cooling</b>	6.1 Room-by-Room Load Calculations	<b>EQ 1</b>	Prereq				Y
	6.2 Return Air Flow / Room by Room Controls	<b>EQ 1</b>	1	1	0		1
	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
	7.2 Better Filters	<b>EQ 7.3</b>	1	0	0		0
	7.3 Best Filters		2	2	0		2
<b>8. Contaminant Control</b>	8.1 Indoor Contaminant Control during Construction	<b>EQ 1</b>	1	0	0		0
	8.2 Indoor Contaminant Control		2	2	0		1
	8.3 Preoccupancy Flush	<b>EQ 1</b>	1	0	0		0
<b>9. Radon Protection</b>	9.1 Radon-Resistant Construction in High-Risk Areas	<b>EQ 1</b>	Prereq				Y
	9.2 Radon-Resistant Construction in Moderate-Risk	<b>EQ 1</b>	1	1	0		1
<b>10. Garage Pollutant Protection</b>	10.1 No HVAC in Garage	<b>EQ 1</b>	Prereq				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>14</b>	<b>1</b>		<b>13</b>
Awareness and Education (AE)		(Minimum of 0 AE Points Required)	Max	Y/Pts	Maybe	No	Y/Pts
<b>1. Education of the Homeowner or</b>	1.1 Basic Operations Training		Prereq				Y
	1.2 Enhanced Training		1	1	0		1
	1.3 Public Awareness		1	1	0		1
<b>2. Education of Building Manager</b>	2 Education of Building Manager		1	0	0		0
<i>Sub-Total for AE Category:</i>			<b>3</b>	<b>2</b>	<b>0</b>		<b>2</b>

**LEED for Homes Simplified Project Checklist**  
**Appendix: Prescriptive Approach for Energy and Atmosphere (EA) Credits**

		Max	Project Points					
		Points	Preliminary	Final	Final			
<b>Energy and Atmosphere (EA)</b>		(No Minimum Points Required)	OR	Max	Y/Pts	Maybe	No	Y/Pts
<b>2. Insulation</b>	2.1 Basic Insulation		Prereq					
	2.2 Enhanced Insulation		2	0	0	0		0
<b>3. Air Infiltration</b>	3.1 Reduced Envelope Leakage		Prereq					
	3.2 Greatly Reduced Envelope Leakage		2	0	0	0		0
	3.3 Minimal Envelope Leakage	<b>EA 3.2</b>	3	0	0	0		0
<b>4. Windows</b>	4.1 Good Windows		Prereq					
	4.2 Enhanced Windows		2	0	0	0		0
	4.3 Exceptional Windows	<b>EA 4.2</b>	3	0	0	0		0
<b>5. Heating and Cooling Distribution System</b>	5.1 Reduced Distribution Losses		Prereq					
	5.2 Greatly Reduced Distribution Losses		2	0	0	0		0
	5.3 Minimal Distribution Losses	<b>EA 5.2</b>	3	0	0	0		0
<b>6. Space Heating and Cooling Equipment</b>	6.1 Good HVAC Design and Installation		Prereq					
	6.2 High-Efficiency HVAC		2	0	0	0		0
	6.3 Very High Efficiency HVAC	<b>EA 6.2</b>	4	0	0	0		0
<b>7. Water Heating</b>	7.1 Efficient Hot Water Distribution		2	0	0	0		0
	7.2 Pipe Insulation		1	0	0	0		0
	7.3 Efficient Domestic Hot Water Equipment		3	0	0	0		0
<b>8. Lighting</b>	8.1 ENERGY STAR Lights		Prereq					
	8.2 Improved Lighting		2	0	0	0		0
	8.3 Advanced Lighting Package	<b>EA 8.2</b>	3	0	0	0		0
<b>9. Appliances</b>	9.1 High-Efficiency Appliances		2	0	0	0		0
	9.2 Water-Efficient Clothes Washer		1	0	0	0		0
<b>10. Renewable Energy</b>	10 Renewable Energy System		10	0	0	0		0
<b>11. Residential Refrigerant Management</b>	11.1 Refrigerant Charge Test		Prereq					
	11.2 Appropriate HVAC Refrigerants		1	0	0	0		0
<i>Sub-Total for EA Category:</i>				<b>38</b>	<b>33</b>	<b>0</b>		<b>34</b>