LEED for Homes Simplified Project Checklist

for Homes

Builder Name:	***Cedarhill Homes***
Project Team Leader (if different):	***John Isch, RWA Architects***
Home Address (Street/City/State):	***12 Elmhurst Place, Cincinanti, OH***

Project Description:

Building type: ***Single detached*** Project type: ***Custom***

# of bedrooms: ***7*** Floor area: ***8900***

Adjusted Certification Thresholds

Certified: ***70.5*** Gold: ***100.5***

Silver: ***85.5*** Platinum: ***115.5***

Project Point Total

Prelim: ***117.5 + 0 maybe pts*** **Final:** ***117.5***

Certification Level

Prelim: ***Platinum*** **Final:** ***Platinum***

Final Credit Category Total Points

ID: 10 ***SS: 17*** ***EA: 35*** ***EQ: 20***

LL: 10 ***WE: 13*** ***MR: 10.5*** ***AE: 2***

date last updated : ***May 30, 2019***

last updated by : ***Nate Steeber, Sol design + consulting***

					Max Points	Project Points Preliminary Y/Pts	Maybe	No	Final Y/Pts
Innovation and Design Process (ID)			(No Minimum Points Required)		Max				
1. Integrated Project Planning		1.1	Preliminary Rating		Prereq	*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*			
		2.2	Durability Management		Prereq	*Y*			
		2.3	Third-Party Durability Management Verification		3	*3*	*0*		***3***
3.Innovative or Regional Design	✎	3.1	Innovation #1	***Innovation: Trades Training***	1	*1*	*0*		***1***
	✎	3.2	Innovation #2	***Innovation: Adavnced Utility Tracking***	1	*1*	*0*		***1***
	✎	3.3	Innovation #3	***Innovation: Bicycle Network & Storage***	1	*1*	*0*		***1***
	✎	3.4	Innovation #4	***Innovation: HVAC Start-up credentialing***	1	*1*	*0*		***1***
				Sub-Total for ID Category:	***11***	*10*	*0*		***10***
Location and Linkages (LL)			(No Minimum Points Required)	*OR*	Max				
1. LEED ND		1	LEED for Neighborhood Development	**LL2-6**	10	*0*	*0*	*N*	***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***
				Sub-Total for LL Category:	***10***	*10*	*0*		***10***
Sustainable Sites (SS)			(Minimum of 5 SS Points Required)	*OR*	Max				
1. Site Stewardship		1.1	Erosion Controls During Construction		Prereq	*Y*			
		1.2	Minimize Disturbed Area of Site		1	*1*	*0*		***1***
2. Landscaping	✎	2.1	No Invasive Plants		Prereq	*Y*			
	✎	2.2	Basic Landscape Design	**SS 2.5**	2	*0*	*0*		***0***
	✎	2.3	Limit Conventional Turf	**SS 2.5**	3	*0*	*0*		***0***
	✎	2.4	Drought Tolerant Plants	**SS 2.5**	2	*0*	*0*		***0***
	✎	2.5	Reduce Overall Irrigation Demand by at Least 20%		6	*6*	*0*		***6***
3. Local Heat Island Effects	✎	3	Reduce Local Heat Island Effects		1	*1*	*0*		***1***
4. Surface Water Management	✎	4.1	Permeable Lot		4	*4*	*0*		***4***
		4.2	Permanent Erosion Controls		1	*1*	*0*		***1***
	✎	4.3	Management of Run-off from Roof		2	*2*	*0*		***2***
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***
				Sub-Total for SS Category:	***22***	*17*	*0*		***17***

LEED for Homes Simplified Project Checklist (continued)

					Max Points	Project Points Preliminary			Final
Water Efficiency (WE)			(Minimum of 3 WE Points Required)	*OR*	Max	Y/Pts	Maybe	No	Y/Pts
1. Water Reuse		1.1	Rainwater Harvesting System	**WE 1.3**	4	3	0		3
		1.2	Graywater Reuse System	**WE 1.3**	1	0	0		0
		1.3	Use of Municipal Recycled Water System		3	0	0		0
2. Irrigation System	✎	2.1	High Efficiency Irrigation System	**WE 2.3**	3	0	0		0
		2.2	Third Party Inspection	**WE 2.3**	1	0	0		0
	✎	2.3	Reduce Overall Irrigation Demand by at Least 45%		4	4	0		4
3. Indoor Water Use		3.1	High-Efficiency Fixtures and Fittings		3	0	0		0
		3.2	Very High Efficiency Fixtures and Fittings		6	6	0		6
				Sub-Total for WE Category:	**15**	13	0		13
Energy and Atmosphere (EA)			(Minimum of 0 EA Points Required)	*OR*	Max	Y/Pts	Maybe	No	Y/Pts
1. Optimize Energy Performance		1.1	Performance of ENERGY STAR for Homes		Prereq	Y			
		1.2	Exceptional Energy Performance		34	31	0		31
7. Water Heating	✎	7.1	Efficient Hot Water Distribution		2	2	0		2
		7.2	Pipe Insulation		1	1	0		1
11. Residential Refrigerant		11.1	Refrigerant Charge Test		Prereq	Y			
Management		11.2	Appropriate HVAC Refrigerants		1	1	0		1
				Sub-Total for EA Category:	**38**	35	0		35
Materials and Resources (MR)			(Minimum of 2 MR Points Required)	*OR*	Max	Y/Pts	Maybe	No	Y/Pts
1. Material-Efficient Framing		1.1	Framing Order Waste Factor Limit		Prereq	Y			
		1.2	Detailed Framing Documents	**MR 1.5**	1	1	0		1
		1.3	Detailed Cut List and Lumber Order	**MR 1.5**	1	1	0		1
		1.4	Framing Efficiencies	**MR 1.5**	3	1.5	0		1.5
		1.5	Off-site Fabrication		4	0	0		0
2. Environmentally Preferable	✎	2.1	FSC Certified Tropical Wood		Prereq	Y			
Products	✎	2.2	Environmentally Preferable Products		8	5	0		5
3. Waste Management		3.1	Construction Waste Management Planning		Prereq	Y			
		3.2	Construction Waste Reduction		3	2	0		2
				Sub-Total for MR Category:	**16**	10.5	0		10.5
Indoor Environmental Quality (EQ)			(Minimum of 6 EQ Points Required)	*OR*	Max	Y/Pts	Maybe	No	Y/Pts
1. ENERGY STAR with IAP		1	ENERGY STAR with Indoor Air Package		13	0	0		0
2. Combustion Venting		2.1	Basic Combustion Venting Measures	**EQ 1**	Prereq	Y			
		2.2	Enhanced Combustion Venting Measures	**EQ 1**	2	2	0		2
3. Moisture Control		3	Moisture Load Control	**EQ 1**	1	1	0		1
4. Outdoor Air Ventilation	✎	4.1	Basic Outdoor Air Ventilation	**EQ 1**	Prereq	Y			
	✎	4.2	Enhanced Outdoor Air Ventilation		2	2	0		2
		4.3	Third-Party Performance Testing	**EQ 1**	1	1	0		1
5. Local Exhaust	✎	5.1	Basic Local Exhaust	**EQ 1**	Prereq	Y			
		5.2	Enhanced Local Exhaust		1	1	0		1
		5.3	Third-Party Performance Testing		1	1	0		1
6. Distribution of Space	✎	6.1	Room-by-Room Load Calculations	**EQ 1**	Prereq	Y			
Heating and Cooling		6.2	Return Air Flow / Room by Room Controls	**EQ 1**	1	1	0		1
		6.3	Third-Party Performance Test / Multiple Zones	**EQ 1**	2	2	0		2
7. Air Filtering		7.1	Good Filters	**EQ 1**	Prereq	Y			
		7.2	Better Filters	**EQ 7.3**	1	0	0		0
		7.3	Best Filters		2	2	0		2
8. Contaminant Control	✎	8.1	Indoor Contaminant Control during Construction	**EQ 1**	1	1	0		1
		8.2	Indoor Contaminant Control		2	2	0		2
	✎	8.3	Preoccupancy Flush	**EQ 1**	1	1	0		1
9. Radon Protection	✎	9.1	Radon-Resistant Construction in High-Risk Areas	**EQ 1**	Prereq	Y			
	✎	9.2	Radon-Resistant Construction in Moderate-Risk Areas	**EQ 1**	1	0	0		0
10. Garage Pollutant Protection		10.1	No HVAC in Garage	**EQ 1**	Prereq	Y			
		10.2	Minimize Pollutants from Garage	**EQ 1, 10.4**	2	2	0		2
		10.3	Exhaust Fan in Garage	**EQ 1, 10.4**	1	1	0		1
		10.4	Detached Garage or No Garage	**EQ 1**	3	0	0		0
				Sub-Total for EQ Category:	**21**	20	0		20
Awareness and Education (AE)			(Minimum of 0 AE Points Required)		Max	Y/Pts	Maybe	No	Y/Pts
1. Education of the	✎	1.1	Basic Operations Training		Prereq	Y			
Homeowner or Tenant	✎	1.2	Enhanced Training		1	1	0		1
		1.3	Public Awareness		1	1	0		1
2. Education of Building Manager	✎	2	Education of Building Manager		1	0	0		0
				Sub-Total for AE Category:	**3**	2	0		2