



for Homes

Project Checklist

LEED for Homes

Builder Name:	Nauset Construction
Responsible Party (if different):	
Home Address (Street/City/State):	1720 Massachusetts Ave. Lexington, MA

Input Values: <small>Click here if you're experiencing problems</small>	Minimum No. of Points Required:
No of Bedrooms: <input type="text" value="61"/> Floor Area (SF): <input type="text" value="56,133"/>	Certified: <input type="text" value="45"/> Silver: <input type="text" value="60"/> Gold: <input type="text" value="75"/> Platinum: <input type="text" value="90"/>

Detailed information on the measures below are provided in the companion document "LEED for Homes Rating System" **Max Points Available**

Y / Pts	No	N/A	Innovation and Design Process (ID)		(Minimum of 0 ID Points Required)	OR	9
Y			1.1	Integrated Project Planning	Preliminary Rating		Prerequisite
1			1.2		Integrated Project Team		1
			1.3		Design Charrette		1
Y			2.1	Quality Management for Durability	Durability Planning; (Pre-Construction)		Prerequisite
Y			2.2		Wet Room Measures		Prerequisite
Y			2.3		Quality Management		Prerequisite
3			2.4		Third-Party Durability Inspection		3
			3.1	Innovative / Regional Design	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
4			Sub-Total				
Y / Pts	No	N/A	Location and Linkages (LL)		(Minimum of 0 LL Points Required)	OR	10
		X	1	LEED-ND Neighborhood		LL2-5	10
2			2	Site Selection	Avoid Environmentally Sensitive Sites and Farmland	LL1	2
			3.1	Preferred Locations	Select an Edge Development Site	LL1	1
2			3.2		OR Select an Infill Site	LL1	2
1			3.3		Select a Previously Developed Site	LL1	1
1			4	Infrastructure	Site within 1/2 Mile of Existing Water and Sewer	LL1	1
			5.1	Community Resources & Public Transit	Basic Community Resources / Public Transportation	LL1	1
					OR Extensive Community Resources / Public Transportation	LL1	2
3			5.3		OR Outstanding Community Resources / Public Transportation	LL1	3
1			6	Access to Open Space	Publicly Accessible Green Spaces	LL1	1
10			Sub-Total				
Y / Pts	No	N/A	Sustainable Sites (SS)		(Minimum of 5 SS Points Required)	OR	21
Y			1.1	Site Stewardship	Erosion Controls (During Construction)		Prerequisite
			1.2		Minimize Disturbed Area of Site		1
Y			2.1	Landscaping	No Invasive Plants		Prerequisite
2			2.2		Basic Landscaping Design		2
3			2.3		Limit Turf		3
			2.4		Drought Tolerant Plants		2
1			3	Shading of Hardscapes	Locate and Plant Trees to Shade Hardscapes		1
			4.1	Surface Water Management	Design Permeable Site		4
			4.2		Permanent Erosion Controls / Professional Design of Erosion Control		2
			5	Non-Toxic Pest Control	Select Insect and Pest Control Alternatives from List		2
			6.1	Compact Development	Average Housing Density ≥ 7 Units / Acre	LL1	2
			6.1		OR Average Housing Density ≥ 10 Units / Acre	LL1	3
4			6.3		OR Average Housing Density ≥ 20 Units / Acre	LL1	4
10			Sub-Total				
Y / Pts	No	N/A	Water Efficiency (WE)		(Minimum of 3 WE Points Required)	OR	15
			1.1	Water Reuse	Rainwater Harvesting System		4
			1.2		Grey Water Re-Use System		1
			2.1	Irrigation System	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
?			3.1	Indoor Water Use	High Efficiency Fixtures (Toilets, Showers, and Faucets)		3
?			3.2		OR Very High Efficiency Fixtures (Toilets, Showers, and Faucets)	WE 3.1	6
4			Sub-Total				



Project Checklist (cont'd)

HERS Index Value Achieved:
IECC Climate Zone:

EA 1.2 Pts Achieved:

Y / Pts		No	N/A	Energy and Atmosphere (EA)		(Minimum of 0 EA Points Required)	OR	38	
Y				1.1	ENERGY STAR Home	Meets Performance Requirements of ENERGY STAR for Homes		Prerequisite	
	16			1.2		Exceeds Performance of ENERGY STAR for Homes	EA 2-10	34	
2			<input checked="" type="checkbox"/>	7.1	Water Heating	Improved Hot Water Distribution System		2	
1				7.2		Pipe Insulation		1	
1			<input checked="" type="checkbox"/>	11	Refrigerant Management	Minimize Ozone Depletion and Global Warming Contribution:		1	
	20			Sub-Total (or Sub-Total from Addendum A - Prescriptive EA Credits)					
Y / Pts		No	N/A	Materials and Resources (MR)		(Minimum of 2 MR Points Required)	OR	14	
Y			<input checked="" type="checkbox"/>	1.1	Material Efficient Framing	Overall Waste Factor for Framing Order Shall be No More than 10%.		Prerequisite	
				1.2		Advanced Framing Techniques		3	
				1.3		OR Structurally Insulated Panels	MR 1.2	2	
Y			<input checked="" type="checkbox"/>	2.1	Environmentally Preferable	Tropical Woods, if Used, Must be FSC		Prerequisite	
?				2.2	Products	Select Environmentally Preferable Products from List		8	
Y			<input checked="" type="checkbox"/>	3.1	Waste Management	Document Overall Rate of Diversion		Prerequisite	
?				3.2		Reduce Waste Sent to Landfill by 25% to 100%		3	
	0			Sub-Total					
Y / Pts		No	N/A	Indoor Environmental Quality (IEQ)		(Minimum of 6 IEQ Points Required)	OR	20	
				1	ENERGY STAR with IAP	Meets ENERGY STAR w/ Indoor Air Package (IAP)	IEQ2-10	11	
Y				2.1	Combustion Venting	Space Heating & DHW Equip w/ Closed/Power-Exhaust	IEQ 1	Prerequisite	
2				2.2		Install High Performance Fireplace	IEQ 1	2	
			<input checked="" type="checkbox"/>	3	Moisture Control	Analyze Moisture Loads AND Install Central System (if Needed)	IEQ 1	1	
Y			<input checked="" type="checkbox"/>	4.1	Outdoor Air Ventilator	Meets ASHRAE Std 62.2	IEQ 1	Prerequisite	
				4.2		Dedicated Outdoor Air System (w/ Heat Recovery)	IEQ 1	2	
1				4.3		Third-Party Testing of Outdoor Air Flow Rate into Home		1	
Y			<input checked="" type="checkbox"/>	5.1	Local Exhaust	Meets ASHRAE Std 62.2	IEQ 1	Prerequisite	
1				5.2		Timer / Automatic Controls for Bathroom Exhaust Fans	IEQ 1	1	
1				5.3		Third-Party Testing of Exhaust Air Flow Rate Out of Home		1	
Y			<input checked="" type="checkbox"/>	6.1	Supply Air Distribution	Perform Duct Design Calculations	IEQ 1	Prerequisite	
2				6.2		Third-Party Testing of Supply Air Flow into Each Room in Home		2	
Y				7.1	Supply Air Filtering	≥ 8 MERV Filters, w/ Adequate System Air Flow	IEQ 1	Prerequisite	
				7.2		≥ 10 MERV Filters, w/ Adequate System Air Flow		1	
				7.3		OR ≥ 13 MERV Filters, w/ Adequate System Air Flow		2	
1				8.1	Contaminant Control	Seal-Off Ducts During Construction	IEQ 1	1	
1				8.2		Permanent Walk-Off Mats OR Shoe Storage OR Central Vacuum		2	
			<input checked="" type="checkbox"/>	8.3		Flush Home Continuously for 1 Week with Windows Open		1	
Y			<input checked="" type="checkbox"/>	9.1	Radon Protection	Install Radon Resistant Construction if Home is in EPA Zone 1	IEQ 1	Prerequisite	
				9.2		Install Radon Resistant Construction if Home is not in EPA Zone 1	IEQ 1	1	
Y				10.1	Garage Pollutant Protector	No Air Handling Equipment OR Return Ducts in Garage	IEQ 1	Prerequisite	
2				10.2		Tightly Seal Shared Surfaces between Garage and Home	IEQ 1	2	
1				10.3		Exhaust Fan in Garage		1	
				10.4		OR Detached Garage or No Garage	IEQ 1	3	
	12			Sub-Total					
Y / Pts		No	N/A	Awareness and Education (AE)		(Minimum of 0 AE Points Required)	OR	3	
Y			<input checked="" type="checkbox"/>	1.1	Education for Homeowner	Basic Occupant's Manual and Walkthrough of LEED Home		Prerequisite	
1			<input checked="" type="checkbox"/>	1.2	and/or Tenants	Comprehensive Occupant's Manual and Multiple Walkthroughs / Trainings		1	
1			<input checked="" type="checkbox"/>	1.3		Public Awareness of LEED Home		1	
1			<input checked="" type="checkbox"/>	2.1	Education for Building Mgrs	Basic Building Manager's Manual and Walkthrough of LEED Home		1	
	3			Sub-Total					
63		Project Totals (pre-certification estimates)					<i>Estimated Performance Tier:</i>	130	



for Homes

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

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

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.

Responsible Party'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