

Earth Advantage Homes® Points Worksheet

House Sq Ft:	1149	Builder:	OR DEQ LCA Study Team
Volume:		Project/Addr:	Green Certified Home, OR
Window Area:		Date:	BOS:
Project Electric Utility:		Start Date:	Anticipated Completion Date:
Gas Utility:		ψ First Inspection Date:	€ Final Inspection Date
Type of certification:	E/A & E-Star	£ Revisit Inspection Date:	€
			Envelope Trade-off



1. SITE PLANNING

1.1 Site Protection

AF1	1.1.1	Access to Public Transit – 1/2 mile						
AF1	1.1.2	Access to Household Services – Min. 6 within 1/2 mile						
AF1	1.1.3	Develop, Post and Implement Erosion Control Site Plan						
AF1	1.1.4	Existing Trees: Number of trees 4" caliper or larger saved						
<input type="checkbox"/>	1.1.5	Stormwater Control: Bio-retention system onsite – 100% of lot / development						
AF1	1.1.6	Onsite Infiltration System: For roof drains						
<input type="checkbox"/>	1.1.7	Compostable Erosion Control Amendment: 2" minimum spread over all exposed soil at the beginning of construction cycle						
<input type="checkbox"/>	1.1.8	Buffer along Natural Features						
<input type="checkbox"/>	1.1.9	Protect Non-grading Areas						
<input type="checkbox"/>	1.1.10	Pervious Surface: Percentage of hardscape - 25-50% / >51%						

1.2 Land Use

<input type="checkbox"/>	1.2.1	Infill Lot: Build home on open lot in existing neighborhood						
AF1	1.2.2	Lot Size: 1/10 th acre / 1/15 th / 1/24 th acre lot of developable land						
<input type="checkbox"/>	1.2.3	House Size: No larger than 2000/1500/1000/750 sq ft.	1500		Model	0	2	2
AF1	1.2.4	Build on Greyfield or Brownfield Site						
<input type="checkbox"/>	1.2.5	Mixed Use Building						

2. Waste Management

2.1 Waste Management

AF1	2.1.1	Develop and Implement Waste Management Reduction Plan	Yes		0	0	1	2	0
AF1	2.1.2	Recycle 100% of Wood & Cardboard	Yes		0	0	2	0	0

AF1	2.1.3	Recycle jobsite waste: Recycle 100% of Metal and/or Drywall and/or shrinkwrap and plastic (1 pt per material)	1		0	0	1	0	0
3. Building Envelope and Systems Resource Efficient Foundation and Shell Systems									
3.1 Durability Strategies									
<input type="checkbox"/>	3.1.1	Wall Sheathing: Plywood							
AF1	3.1.2	Weather Barrier: Installed properly	Yes		0	0	0	1	0
AF1	3.1.3	Window/Door Flashing System: Sill pans and/or flexible flashing	Yes		0	0	0	2	0
AF1	3.1.4	Rainscreen Wall System: Airspace under masonry siding	Yes		0	0	0	1	0
AF1	3.1.5	Rainscreen Wall System: Airspace under siding (whole house)							
<input type="checkbox"/>	3.1.6	Low-Point Drain: Crawl space or basement	Yes		0	0	0	1	0
3.2 Foundation Systems ENERGY STAR® Homes starred measures applicable if building with that system									
<input type="checkbox"/>	3.2.1	Basement Wall Insulation: Fiberglass only / Rigid foam with fiberglass							
AF1	3.2.2	Slab Insulation: Slab fully insulated (R10)							
<input type="checkbox"/>	3.2.3	Slab on Grade							
<input type="checkbox"/>	3.2.4	Unvented Conditioned Crawlspace: Insulated walls w/rat slab							
3.3 Wall Framing and Insulation									
<input type="checkbox"/>	3.3.1	Intermediate Framing Techniques: Insulated corners & Headers	Yes		ES	0	0	1	0
<input type="checkbox"/>	3.3.2	Advanced Framing Techniques							
<input type="checkbox"/>	3.3.3	Engineered Wood Studs							
<input type="checkbox"/>	3.3.4	Foam Exterior Insulation: (R2.5 / R5)							
<input type="checkbox"/>	3.3.5	Spray-in-Place Foam Insulation: Low density/High density							
<input type="checkbox"/>	3.3.6	Structural Insulated Panel System (SIPS): Expanded Polystyrene							
AF1	3.3.7	Panelized Wall Systems							
<input type="checkbox"/>	3.3.8	Insulated Concrete Forms System (ICF): Foam / Recycled							
3.4 Attic Framing and Insulation									
<input type="checkbox"/>	3.4.1	Ceiling Insulation: R49 (R38 in vaults)	Yes		ES	0	0	0	0
<input type="checkbox"/>	3.4.2	Structural Insulated Panels: R49 Flat / R38 vault							
<input type="checkbox"/>	3.4.3	Extended Eaves: Minimum extension – 24" from vertical	Yes		Model	0	0	2	0
<input type="checkbox"/>	3.4.4	Unvented Cond. Attic Space: With no thermal bridge through roof							
<input type="checkbox"/>	3.4.5	Energy or Raised Heel Truss							
3.5 Floor Framing and Insulation									
<input type="checkbox"/>	3.5.1	Floor Insulation: R38	Yes		ES	0	0	0	0
<input type="checkbox"/>	3.5.2	Decking System: T/G Engineered decking	Yes		0	1	0	1	0
<input type="checkbox"/>	3.5.3	Flooring Support System: I-Joist system used in house	Yes		0	0	0	1	0
<input type="checkbox"/>	3.5.4	Flooring Support System: Open-web joist system used in house							
3.6 Roofing Material									
<input type="checkbox"/>	3.6.1	Eco-Roof: Vegetated / green roof (1-25%/26-50%/51-75%/76-100%)							
AF1	3.6.2	Recycled Content: Composite or Metal (50% Post-consumer)	Yes		0	0	1	3	0
<input type="checkbox"/>	3.6.3	Tile: Concrete or Clay							
AF1	3.6.4	Composition: 40 year or greater warranty							
AF1	3.6.5	ENERGY STAR Reflective roof product or radiant barrier							

3.7 Exterior Materials Selected siding systems require properly installed weather barrier									
AF1	3.7.1	FSC Certified Wood: Siding materials (1-25%/26-50%/51-75%/76-100%)							
AF1	3.7.2	Reclaimed/Recycled Siding: (5-25%/26-50%/51-75%/76-100%)							
	3.7.3	Fiber Cement: 50-yr. warranty (1/50%/51-100%)	51-100%		0	0	0	2	0
	3.7.4	Exterior Surface not Painted: Masonry or other durable surface (25-51%/51-75%/76-100%)							
AF1	3.7.5	Outdoor Decking: Plastic lumber deck top (50% post-consumer)							
	3.7.6	Outdoor Patio: Concrete or pavers							
3.8 Exterior Coatings									
	3.8.1	Exterior Paint: Low VOC (150/gpl or lower) / Lifetime warranty	150/gpl or lower		0	1	0	0	0
	3.8.2	Exterior Stain: Low VOC (150/gpl or less)							
	3.8.3	Green Seal Certified Paint: Additional points to paint measures							
	3.8.4	Exterior Paint: Recycled content (min. 50% post-consumer)							
3.9 Windows (U-value of 0.32 or better – weighted average value is allowed. Note: Window area can be up to 21% of the Heated Floor Area)									
	3.9.1	Window Efficiency: U-0.32	Yes		ES	0	0	0	0
	3.9.2	Window Framing Material: Composite or wood with clad exterior							
AF1	3.9.3	Window Framing Material: Frame is FSC Certified material							
3.10 Skylight /Solar Tube									
	3.10.1	Skylight: Insulated shaft							
3.11 Shell Resource Efficient Measures									
	3.11.1	Exterior Doors: Steel and/or Fiberglass (R5 min) (28 ft ² exempt)	Yes		ES	0	0	1	0
AF1	3.11.2	Recycled Content Insulation: Cellulose, Cotton or Fiberglass (25% - 50% / 51% and greater – Post-consumer)	51% and greater-Post consumer		0	0	1	2	0
	3.11.3	Blown-in Wall Insulation System: Fiberglass or Cellulose	Yes		Model	0	0	1	0
	3.11.4	Green Guard Certified Insulation							
AF1	3.11.5	Concrete with Fly Ash or Slag: (15% - 24% mix / 25% or greater)	15%-24% mix		0	0	1	1	0
AF1	3.11.6	FSC Certified Wood: All framing materials (5-25%/26-50%/51-75%/76-100%)							
AF1	3.11.7	Reclaimed/Recycled Structural Lumber (5-25%/26-50%/51-75%/76-100%)							
4 Heating and Cooling systems: All combustion systems within the thermal envelope must have their own fres									
4.1 Fireplace Un-vented fireplace not allowed									
EA	4.1.1	Gas Fireplace/Heater: Sealed combustion w/electronic ignition	Yes		2	1	0	0	0
AF1	4.1.2	Gas Heater for Primary Heat Source: ENERGY STAR reqs.							
	4.1.3	Electric Flame Fireplace							
	4.1.4	No Fireplace or Wood Burning Stove Installed in Home							
4.2 High Efficiency Heating/Cooling Equipment (Combustion space heating equipment within the conditioned space must be direct vent or sealed combustion)									
AF2	4.2.1	Design Heating/Cooling Loads Using Appropriate Industry Guidelines: Manual J and Manual S or equivalent	Yes		0	1	0	1	0
	4.2.2	Forced Air Gas: Min. 90% AFUE furnace							
	4.2.3	Heat Pump: Split System – min. HSPF 8.5 & SEER 13+							
	4.2.4	Ductless Heat Pump System: Min. HSPF 7.7 & SEER 13+							
	4.2.5	Heat Pump: Geothermal, Groundwater, or Water Source							
	4.2.6	Heat Pump Commissioning: Documentation required							

<input type="checkbox"/>	4.2.7	Integrated Space/Water Heating System: Turbonic/Hydronic							
<input type="checkbox"/>	4.2.8	Alternate Cooling System: No capacity to use refrigerants	Yes		0	0	0	1	0
4.3 Ductwork: Max leak <.06 CFM per ft2 of floor OR 75 CFM total @ 50 pa and all ducts sealed with water									
AF2	4.3.1	Design Duct System Using Appropriate Industry Guidelines: Manual D or equivalent							
<input type="checkbox"/>	4.3.2	Duct Leakage Test: Max leak <.06 CFM per ft ² of floor OR 75 CFM total @ 50 pa and all ducts sealed with water based mastic							
<input type="checkbox"/>	4.3.3	Zonal Pressure Relief							
<input type="checkbox"/>	4.3.4	Ductwork and Air Handling Equipment in Heated Space							
4.4 Additional Ductwork Measures									
EA	4.4.1	Protect Duct Vents: Cover supply/return vents during construction and install temporary filter on cold return vent	Yes		0	1	0	1	0
AF1	4.4.2	House Dry-out: No central heating system or propane used	Yes		0	1	0	2	0
<input type="checkbox"/>	4.4.3	Hard Ducting: All ducting is metal							
<input type="checkbox"/>	4.4.4	Pre-fabricated Sealed Boot							
<input type="checkbox"/>	4.4.5	Forced Air Zoning System							
<input type="checkbox"/>	4.4.6	Non-ducted System	Yes		Model	3	0	0	0
5 Infiltration/Air Sealing/Ventilation									
Please contact your Earth Advantage Consultant for assistance selecting the best Whole House Ventilation option									
5.1 Infiltration / Air Sealing									
<input type="checkbox"/>	5.1.1	House Tightening Measures: Blower Door Test	Yes		ES	3	0	0	0
<input type="checkbox"/>	5.1.2	Thermal Bypass Checklist: ENERGY STAR National Checklist	Yes		Model	1	0	1	0
5.2 Whole-House Ventilation Must choose one of the following									
<input type="checkbox"/>	5.2.1	Exhaust Only: Non-ducted heating system only	Yes		ES	1	0	1	0
AF2	5.2.2	Supply Only: Forced air ducted systems							
AF2	5.2.3	Balanced System: Exhaust and supply balanced							
<input type="checkbox"/>	5.2.4	Premium Package: HRV/ERV systems							
6 LIGHTING, APPLIANCES & WATER HEATING									
6.1 Lighting									
<input type="checkbox"/>	6.1.1	ENERGY STAR Lighting Package: 75%+ of fixtures are fitted with ENERGY STAR products	Yes		ES	0	0	0	0
<input type="checkbox"/>	6.1.2	ENERGY STAR Premium Lighting Package: 75% of sockets plus 15 bulbs OR 100% sockets are fitted with ENERGY STAR lights	Yes		1	0	0	0	0
<input type="checkbox"/>	6.1.3	Insulated Ceiling is Free of Recessed Lights	Yes		1	1	0	1	0
<input type="checkbox"/>	6.1.4	Lighting Controls: Interior and/or exterior. One point for two controllers up to 2 points - min. of two controllers.							
6.2 Appliances (ENERGY STAR requires that all built-in appliances must be ENERGY STAR rated and labeled)									
<input type="checkbox"/>	6.2.1	Dishwasher: ENERGY STAR spec	Yes		ES	0	0	0	1
<input type="checkbox"/>	6.2.2	Clothes Washer: ENERGY STAR spec	Yes		1	0	0	0	2
<input type="checkbox"/>	6.2.3	Refrigerator: ENERGY STAR spec	Yes		1	0	0	0	0
6.3 Water Heating: All combustions systems within the thermal envelope must have their own combustion air supply									
<input type="checkbox"/>	6.3.1	Gas High Efficiency: <60 gal. - .62 EF, >61 gal. see app. list	Yes		ES	0	0	0	0
<input type="checkbox"/>	6.3.2	Electric High Efficiency: 70 gal. or less - .93 EF, 71 gal. or larger - .92 EF							
<input type="checkbox"/>	6.3.3	Tankless Gas: >= 0.82 EF							
<input type="checkbox"/>	6.3.4	Insulation on all Hot Water Piping: R4 min.							
<input type="checkbox"/>	6.3.5	Direct or Power Vented Water Heater: If in conditioned space	Yes		Model	1	0	0	0

7 Indoor Air Quality

7.1 Project Wide Air Quality Measures

<input type="checkbox"/>	7.1.1	Combustion Air Zone Safety: Test req. or combustion within shell	Yes		ES	1	0	0	0
<input type="checkbox"/>	7.1.2	Third-Party Framing Lumber Moisture Test: 19% or lower	Yes		0	2	0	1	0
<input type="checkbox"/>	7.1.3	Air Filter: MERV 8 - 12 / 13 or higher							
<input type="checkbox"/>	7.1.4	Hardwired CO Monitor:							
<input type="checkbox"/>	7.1.5	Bath Fans: Fans in full baths meet ENERGY STAR requirements	Yes		ES	1	0	1	0
<input type="checkbox"/>	7.1.6	Bath Fan Controls: All Controls - Occupancy/Timer/Humidistat	Yes		0	1	0	1	0
<input type="checkbox"/>	7.1.7	Bath Fan Air Flow Test: Meet ASHRAE 62.2 req.	Yes		0	2	0	1	0
AF1	7.1.8	Low VOC Sealants/Caulking: <50 VOC	Yes		0	1	0	0	0
AF1	7.1.9	Low VOC Construction Adhesives: <70 VOC	Yes		0	1	0	0	0
<input type="checkbox"/>	7.1.10	Humidity Control System: Permanently installed							
<input type="checkbox"/>	7.1.11	Central Vacuum: Provide rough-in for future use only							
<input type="checkbox"/>	7.1.12	Central Vacuum: Install and vent to exterior of conditioned space							
<input type="checkbox"/>	7.1.13	Exhaust Fan for Attached Garage							
<input type="checkbox"/>	7.1.14	House has Detached or No Garage							

7.2 Interior Surface Coatings

EA	7.2.1	Wall & Ceiling Latex Paint: Low VOC (150 – 50/<50 grams per liter)	<50 grams per liter		0	2	0	0	0
<input type="checkbox"/>	7.2.2	Green Seal Certified Paint: Additional point to 7.2.1 measure							
<input type="checkbox"/>	7.2.3	Interior Surface: Requires No Paint							
<input type="checkbox"/>	7.2.4	Trim Paint: Low VOC (150 grams per liter or less)	Yes		0	1	0	0	0
AF1	7.2.5	Clear Wood Finish: Low VOC (550/350 grams per liter or less)							
AF1	7.2.6	Wood Floor Finish: Low VOC (150 grams per liter or less)	Yes		0	1	0	0	0
<input type="checkbox"/>	7.2.7	Recycled Content Paint							

8 Resource Efficient Building Materials

8.1 Locally Sourced Materials

AF1	8.1.1	Local Materials: Within 500 miles - 1 point each - up to 4 items	3		0	0	3	0	0
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8.2 Cabinets / Countertops

AF1	8.2.1	FSC Certified Wood/Reclaimed Wood: Face frame and door							
AF1	8.2.2	Plywood/Ag-Fiber: Base cabinet (formaldehyde-free)							
AF1	8.2.3	Urea-Formaldehyde Free: Shelves or cabinets/shelves and cabinets	Shelves and Cabinets		0	2	0	0	0
AF1	8.2.4	Recycled Content Countertop: 25% Post-consumer content	Yes		0	0	1	1	0
<input type="checkbox"/>	8.2.5	Built-in Recycling Center: Minimum 2 major receptacles	Yes		0	0	1	0	0

8.3 Millwork and Interior Trim

AF1	8.3.1	FSC Certified Wood / Reclaimed Wood	Reclaimed Wood		0	0	2	1	0
AF1	8.3.2	Engineered Wood: MDF or finger-jointed							

AF1	8.3.3	Urea-Formaldehyde Free Trim Material							
8.4 Finished Flooring									
AF1	8.4.1	FSC Certified Wood / Reclaimed Wood	Reclaimed Wood		0	0	3	1	0
<input type="checkbox"/>	8.4.2	Hard Surface: Finished floor (25-50% / 51-75% / 76-100%)	76-100%		0	3	0	3	0
<input type="checkbox"/>	8.4.3	Alternative Flooring: Finished slab on grade or other	Yes		0	0	0	1	0
AF1	8.4.4	Carpet: Natural fiber – wall-to-wall (wool and others)							
AF1	8.4.5	Carpet: Post-consumer recycled content (20-50% / 51%-100%)							
AF1	8.4.6	Carpet: Carpet & Rug Institute (CRI) Green Label/Green Label Plus – Additional points							
AF1	8.4.7	Carpet Pad: Carpet Rug Institute Green Label/Green Label Plus							
AF1	8.4.8	Urea Formaldehyde-free Underlayment OSB, MDF Exterior grade plywood	Yes		0	2	0	0	0
<input type="checkbox"/>	8.4.9	Renewable Materials: Linoleum, Cork or Bamboo 5-20%/21-100%	5-20%		0	0	0	1	0

9 Water Efficiency and Landscaping

9.1 Indoor Water

<input type="checkbox"/>	9.1.1	Whole-House Pressure Regulating Valve	Yes		0	0	1	0	1
<input type="checkbox"/>	9.1.2	Efficient Showerhead: <=2 gpm or Water Sense label – one showerhead per stall	Yes		1	0	0	0	2
<input type="checkbox"/>	9.1.3	Efficient Lavatory Faucet: 1.5/0.5 gpm or less or Water Sense label	1.5 gpm		1	0	0	0	1
<input type="checkbox"/>	9.1.4	Efficient Kitchen Faucet: 1.5 gpm or less	Yes		1	0	0	0	1
<input type="checkbox"/>	9.1.5	Refrigerator: Through the door water and ice unit							
<input type="checkbox"/>	9.1.6	High-Efficiency Toilet WaterSense qualified toilet-1.28 gpf	Yes		0	0	0	0	3
<input type="checkbox"/>	9.1.7	Whole-House On-Demand Hot Water Delivery System							
<input type="checkbox"/>	9.1.8	Hot Water Piping Runs 20 feet one story - 10 feet each additional floor	Yes		0	0	0	1	2
<input type="checkbox"/>	9.1.9	Home Run Plumbing Distribution System: Plumbing manifold and PEX piping							
<input type="checkbox"/>	9.1.10	Rainwater Collected: For non-potable indoor water use							

9.2 Irrigation

AF3	9.2.1	Pressure Regulating Valves/Sprinkler Heads							
AF3	9.2.2	Low-Volume Irrigation System							
AF3	9.2.3	Hydro Zoning: Grouping of plants and lawn for watering							
AF3	9.2.4	Irrigation Controller: Water saving features							
AF3	9.2.5	Weather Based Irrigation Controller							
AF3	9.2.6	No Permanent Irrigation Installed: All landscaping							

9.3 Landscaping

AF3	9.3.1	Organic Matter: Added to soil - 2" tilled to 6-8" depth							
AF3	9.3.2	Test Soil: Implement Recommendations							
AF3	9.3.3	Organic (non synthetic) Fertilizer and/or Pesticide							
AF3	9.3.4	Low Water-Use Plants: Drought tolerant - 45%/90%							
AF3	9.3.5	Seeded Lawn: Low-water use mixes							
<input type="checkbox"/>	9.3.6	Limited Lawn/Turf: 25%-1% / 0% of landscape covered by turf							
<input type="checkbox"/>	9.3.7	One Tree per 1000 sq. ft. of Developed Landscape Area							
AF3	9.3.8	Install On-Site Storage for Rainwater: Used for landscaping							

10 Solar Measures

10.1 Solar Thermal and Photovoltaic

<input type="checkbox"/>	10.1.1	Sun Tempered Design: South windows 7% of floor area	Yes		Model	1	0	0	0
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<input type="checkbox"/>	10.1.2	Passive Solar Design: South windows 10% of floor area						
VPE	10.1.3	Photovoltaic (solar electric system): 3 pts./ kilowatt						
<input type="checkbox"/>	10.1.4	Photovoltaic: Pre-wired photovoltaic for future hookup						
<input type="checkbox"/>	10.1.5	Solar Hot Water System	Yes		6	0	0	0
<input type="checkbox"/>	10.1.6	Solar Hot Water: Pre-plumbed piping for future hookup						

11 Earth Advantage Bonus and Innovative New Measures

11.1 Innovative new measures and points determined by Earth Advantage staff analysis

VPE	11.1.1	Energy Modeling: Use of HERS energy scoring system	Yes		0	0	0	0
<input type="checkbox"/>	11.1.2	High Performance Home: Meets ODOE specs.	Yes		12	0	0	0
<input type="checkbox"/>	11.1.3	Green Team Meeting / Includes EA STAR Realtor						
AF1	11.1.4	Certified Master Home Builder: Builder certified						
AF1	11.1.5	Homeowner Manual: Earth Advantage information included						
AF1	11.1.6	Green Cleaning Products and Methods: Green Guard Certified products used on project during construction cleanup						
<input type="checkbox"/>	11.1.7	Utility Time of Use Program						
AF1	11.1.8	Green Power: Builder utilizes local utility green power options for own office operations (<50%/51-100%)						
AF1	11.1.9	Green Power: Builder utilizes local utility green power options during construction of home						
AF1	11.1.10	Builder Purchases Green Tags and Presents to New Home Buyer						
VPE	11.1.11	Alternative Construction System: Points determined by analysis						
<input type="checkbox"/>	11.1.12	Alternative Heating/Cooling System: Points by analysis						
AF1	11.1.13	Cradle-to-Cradle Certification: Minimum Silver certification up to four products						
VPE	11.1.14	Innovative New Measure: Graywater	Yes		0	0	0	6
VPE	11.1.15	Innovative New Measure: Propose a measure						
VPE	11.1.16	Earth Advantage Carbon Reduction Program						

Page 1-6 Totals
Possible Totals by "m" column
Total Points Required for all Resource Categories
Minimum Points Required in all Resource Categories
Page 1-6 Worksheet Points by Category
Total Earth Advantage Worksheet Points
This project qualifies for E/A
Verified Measures
Total Verified Points
Verified Level

NWES	27	37	20	45	19
	0	0	0	0	0
Energy	Health	Land	Materi	Water	als
90					
NWES	25	15	25	15	
27	37	20	45	19	
148					
Platinum					
0	0	0	0	0	0
0					
Does not qualify					

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for Homes

LEED for Homes Project Checklist

Builder Name:	OR DEQ LCA Study Team
Project Team Leader:	
Home Address (Street/City/State):	, , Oregon

Project Description

Building Type: **Single detached**
 # of Bedrooms: **3**

Project type: **Custom**
 Floor Area: **1,149**

Adjusted Certification Thresholds

Certified: **35.0** Gold: **65.0**
 Silver: **50.0** Platinum: **80.0**

Project Point Total		Final Credit Category Point Totals			
Prelim: 43 + 0 maybe pts	Final: 43	ID: 0	SS: 0	EA: 20	EQ: 10
Certification Level		LL: 0	WE: 5	MR: 8	AE: 0
Prelim: Certified	Final: Not Certified	Min. Point Thresholds Not Met for Prelim. OR Final Rating			
Date Most Recently Updated:		Updated by:			

⚡ Indicates that an Accountability Form is required.

	Max Pts. Available	Preliminary Rating Y / Pts	Maybe	No	Notes	Project Points Final
Innovation & Design Process (ID) (Minimum 0 ID Points Required)	Max: 11	Y:0	M:0			Final: 0
1. Integrated Project Planning						
1.1 Preliminary Rating		Prereq.				
Target performance tier:		Platinum				
1.2 Integrated Project Team (meet all of the following)	1	0	0			0
<input type="checkbox"/> a) Individuals or organizations with necessary capabilities		<input type="checkbox"/> c) Regular meetings held with project team				
<input type="checkbox"/> b) All team members involved in various project phases						
1.3 Professional Credentialed with Respect to LEED for Homes	1	0	0		please see ID 01-06 for details	0
1.4 Design Charrette	1	0	0			0
1.5 Building Orientation for Solar Design (meet all of the following)	1	0	0			0
<input type="checkbox"/> a) Glazing area on north/south walls 50% greater than on east/west walls		<input type="checkbox"/> c) At least 450 sq. ft. of south-facing roof area, oriented for solar applications				
<input type="checkbox"/> b) East-west axis is within 15 degrees of due east-west		<input type="checkbox"/> d) 90% of south-facing glazing is shaded in summer, unshaded in winter				
2. Quality Management for Durability						
2.1 Durability Planning (meet all of the following)		Prereq.				
<input checked="" type="checkbox"/> a) Durability evaluation completed		<input checked="" type="checkbox"/> d) Durability strategies incorporated into project documentation				
<input checked="" type="checkbox"/> b) Strategies developed to address durability issues		<input checked="" type="checkbox"/> e) Durability measures listed in durability inspection checklist				
<input checked="" type="checkbox"/> c) Moisture control measures from Table 1 incorporated						
2.2 Durability Management (meet one of the following)		Prereq.				
<input type="checkbox"/> Builder has a quality management process in place		<input type="checkbox"/> Builder conducted inspection using durability inspection checklist				
2.3 Third-Party Durability Management Verification	3	0	0			0

3. Innovative or Regional Design							
3.1	≤ Innovation 1 (ruling #):	<input type="text"/>	1	0	0	0	
3.2	≤ Innovation 2 (ruling #):	<input type="text"/>	1	0	0	0	
3.3	≤ Innovation 3 (ruling #):	<input type="text"/>	1	0	0	0	
3.4	≤ Innovation 4 (ruling #):	<input type="text"/>	1	0	0	0	
Location & Linkages (LL) (Minimum 0 LL Points Required)			<i>Max: 10</i>	<i>Y:0</i>	<i>M:0</i>	<i>Notes</i>	<i>Final: 0</i>
1. LEED for Neighborhood Development							
1	LEED for Neighborhood Development		10	0	0		0
2. Site Selection							
2	≤ Site Selection (<i>meet all of the following</i>)		2	0	0		0
	<input type="checkbox"/>	a) Built above 100-year floodplain defined by FEMA				<input type="checkbox"/>	d) Not built on land that was public parkland prior to acquisition
	<input type="checkbox"/>	b) Not built on habitat for threatened or endangered species				<input type="checkbox"/>	e) Not built on land with prime soils, unique soils, or soils of state significance
	<input type="checkbox"/>	c) Not built within 100 ft of water, including wetlands					
3. Preferred Locations							
3.1	Edge Development		1	0	0		0
OR	3.2	Infill	2	0	0		0
AND/OR	3.3	Previously Developed	1	0	0		0
4. Infrastructure							
4	Existing Infrastructure		1	0	0		0
5. Community Resources / Transit							
5.1	Basic Community Resources / Transit (<i>meet one of the following</i>)		1	0	0		0
	<input type="checkbox"/>	a) Within 1/4 mile of 4 basic community resources				<input type="checkbox"/>	c) Within 1/2 mile of transit services providing 30 rides per weekday
	<input type="checkbox"/>	b) Within 1/2 mile of 7 basic community resources					
OR	5.2	Extensive Community Resources / Transit (<i>meet one of the following</i>)	2	0	0		0
	<input type="checkbox"/>	a) Within 1/4 mile of 7 basic community resources				<input type="checkbox"/>	c) Within 1/2 mile of transit services providing 60 rides per weekday
	<input type="checkbox"/>	b) Within 1/2 mile of 11 basic community resources					
OR	5.3	Outstanding Community Resources / Transit (<i>meet one of the following</i>)	3	0	0		0
	<input type="checkbox"/>	a) Within 1/4 mile of 11 basic community resources				<input type="checkbox"/>	c) Within 1/2 mile of transit services providing 125 rides per weekday
	<input type="checkbox"/>	b) Within 1/2 mile of 14 basic community resources					
6. Access to Open Space							
6	Access to Open Space		1	0	0		0

Sustainable Sites (SS) (Minimum 5 SS Points Required)		Max: 22	Y:0	M:0	Notes	Final: 0
1. Site Stewardship						
1.1	Erosion Controls During Construction <i>(meet all of the following)</i>				<i>Prereq.</i>	
	<input checked="" type="checkbox"/> a) Stockpile and protect disturbed topsoil from erosion.				<input checked="" type="checkbox"/> d) Provide swales to divert surface water from hillsides	
	<input checked="" type="checkbox"/> b) Control the path and velocity of runoff with silt fencing or equivalent.				<input checked="" type="checkbox"/> e) Use tiers, erosion blankets, compost blankets, etc. on sloped areas.	
	<input checked="" type="checkbox"/> c) Protect sewer inlets, streams, and lakes with straw bales, silt fencing, etc.					
1.2	Minimize Disturbed Area of Site <i>(meet the appropriate requirements)</i>	1	0	0		0
	Where the site is not previously developed, meet all the following:					
	<input type="checkbox"/> a) Develop tree / plant preservation plan with "no-disturbance" zones					
	<input type="checkbox"/> b) Leave 40% of buildable lot area, not including area under roof, undisturbed					
	OR Where the site is previously developed, meet all the following:					
	<input type="checkbox"/> c) Develop tree / plant preservation plan with "no-disturbance" zones AND					
	<input type="checkbox"/> Rehabilitate lot; undo soil compaction and remove invasive plants AND					
	<input type="checkbox"/> Meet the requirements of SS 2.2					
	OR <input type="checkbox"/> d) Build on a lot of 1/7 acre or less, or 7 units per acre.					
2. Landscaping						
2.1	2.1 No Invasive Plants				<i>Prereq.</i>	
2.2	2.2 Basic Landscaping Design <i>(meet all of the following)</i>	2	0	0		0
	<input type="checkbox"/> a) Any turf must be drought-tolerant.				<input type="checkbox"/> d) Add mulch or soil amendments as appropriate.	
	<input type="checkbox"/> b) Do not use turf in densely shaded areas.				<input type="checkbox"/> e) All compacted soil must be tilled to at least 6 inches.	
	<input type="checkbox"/> c) Do not use turf in areas with slope of 25%					
AND/OR	2.3 2.3 Limit Conventional Turf	3	0	0		0
	<input type="text"/> Percentage of designed landscape softscape area that is turf					
AND/OR	2.4 2.4 Drought-Tolerant Plants	2	0	0		0
	<input type="text"/> Percentage of installed plants that are drought-tolerant					
OR	2.5 2.5 Reduce Overall Irrigation Demand by at Least 20%	6	0	0		0
	<input type="text"/> Percentage reduction in estimated irrigation water demand				(calculate)	
3. Reduce Local Heat Island Effects						
3	3 Reduce Local Heat Island Effects <i>(meet one of the following)</i>	1	0	0		0
	<input type="checkbox"/> a) Locate trees / plantings to provide shade for 50% of hardscapes				<input type="checkbox"/> b) Install light-colored, high-albedo materials for 50% of hardscapes	

4. Surface Water Management							
4.1 <input type="checkbox"/> Permeable Lot				4	0	0	0
<input type="checkbox"/> vegetative landscape							
<input type="checkbox"/> permeable paving							
<input type="checkbox"/> impermeable surfaces directed to infiltration features							
<input type="checkbox"/> other impermeable surfaces (areas not counted towards credit)							
4.2 Permanent Erosion Controls (<i>meet one of the following</i>)				1	0	0	0
<input type="checkbox"/> a) For portions of lot on steep slope, use terracing and retaining walls							
<input type="checkbox"/> b) Plant trees, shrubs, or groundcover							
4.3 <input type="checkbox"/> Management of Runoff from Roof (<i>meet any, see Rating System for pts</i>)				2	0	0	0
<input type="checkbox"/> a) Install permanent stormwater controls to manage runoff from the home							
<input type="checkbox"/> b) Install vegetated roof to cover 50% of roof area							
<input type="checkbox"/> c) Install vegetated roof to cover 100% of roof area							
<input type="checkbox"/> d) Have lot designed by professional to manage runoff from home on-site							
5. Nontoxic Pest Control							
5 Pest Control Alternatives (<i>meet any of the following, 1/2 pt each</i>)				2	0	0	0
<input type="checkbox"/> a) Keep all exterior wood at least 12" above soil							
<input type="checkbox"/> b) Seal external cracks, joints, etc. with caulking and install pest-proof screens							
<input type="checkbox"/> c) Include no wood-to-concrete connections, or separate connections with dividers							
<input type="checkbox"/> d) Install landscaping so mature plants are 24" from home							
e) In 'moderate' to 'very heavy' termite risk areas:							
<input type="checkbox"/> i) Treat all cellulosic material with borate product to 3' above foundation							
<input type="checkbox"/> ii) Install sand or diatomaceous earth barrier							
<input type="checkbox"/> iii) Install steel mesh barrier termite control system							
<input type="checkbox"/> iv) Install non-toxic termite bait system							
<input type="checkbox"/> v) Use noncellulosic wall structure							
<input type="checkbox"/> vi) Use solid concrete foundation walls or pest-proof masonry wall design							
6. Compact Development							
6.1 Moderate Density				2	0	0	0
<input type="text"/> # of total units on the lot		<input type="text"/> lot size (acres)		<input type="text"/> density (units/acre)			
OR 6.2 High Density				3	0	0	0
OR 6.3 Very High Density				4	0	0	0
Water Efficiency (WE) (Minimum 3 WE Points Required)				Max: 15	Y:5	M:0	Notes
1. Water Reuse							Final: 5
1.1 Rainwater Harvesting System				4	0	0	0
<input type="text"/> Percentage of roof area used for harvesting							
<input type="text"/> Application							
AND/OR 1.2 Graywater Reuse System				1	1	0	1
OR 1.3 Use of Municipal Recycled Water System				3	0	0	0

2. Irrigation System							
	2.1	≥ High-Efficiency Irrigation System (meet any of the following, 1 pt each)	3	0	0		0
		<input type="checkbox"/> a) Irrigation system designed by EPA Water Sense certified professional <input type="checkbox"/> b) Irrigation system with head-to-head coverage <input type="checkbox"/> c) Install central shut-off valve <input type="checkbox"/> d) Install submeter for the irrigation system <input type="checkbox"/> e) Use drip irrigation for 50% of planting beds <input type="checkbox"/> f) Create separate zones for each type of bedding		<input type="checkbox"/> g) Install timer or controller for each watering zone <input type="checkbox"/> h) Install pressure-regulating devices <input type="checkbox"/> i) High-efficiency nozzles with distribution uniformity of at least 0.70. <input type="checkbox"/> j) Check valves in heads <input type="checkbox"/> k) Install moisture sensor or rain delay controller			
AND/OR	2.2	Third-party Inspection	1	0	0		0
OR	2.3	≥ Reduce Overall Irrigation Demand by at Least 45%	4	0	0		0
		<input type="text"/> Percentage reduction in estimated irrigation water demand				(calculate)	
3. Indoor Water Use							
	3.1	High-Efficiency Fixtures and Fittings (meet any of the following, 1 pt each)	3	2	0		2
		<input type="checkbox"/> a) Average flow rate of lavatory faucets is ≤ 2.00 gpm <input checked="" type="checkbox"/> b) Average flow rate for all showers is ≤ 2.00 gpm per stall		<input checked="" type="checkbox"/> c) Average flow rate for all toilets is ≤ 1.30 gpf; OR <input type="checkbox"/> Toilets are dual-flush; OR <input type="checkbox"/> Toilets meet the EPA Water Sense specification			
	3.2	Very High-Efficiency Fixtures and Fittings (meet any, 2 pts each)	6	2	0		2
		<input checked="" type="checkbox"/> a) Average flow rate of lavatory faucets is ≤ 1.50 gpm; OR <input type="checkbox"/> Lavatory faucets meet the EPA Water Sense specification		<input type="checkbox"/> b) Average flow rate for all showers ≤ 1.75 gpm per stall <input checked="" type="checkbox"/> c) Average flow rate for all toilets is ≤ 1.10 gpf			
Energy & Atmosphere (EA) (Minimum 0 EA Points Required)			Max: 38	Y:20	M:0	Notes	Final: 20
1. Optimize Energy Performance							
	1.1	Performance of ENERGY STAR for Homes	Prereq.				
	1.2	Exceptional Energy Performance	34	18	0		18
		<input type="text"/> 4 IECC climate zone		<input type="text"/> 61		HERS Index	
7. Water Heating							
	7.1	≥ Efficient Hot Water Distribution System (meet one of the following)	2	2	0		2
		<input type="checkbox"/> a) Structured plumbing system <input type="checkbox"/> b) Central manifold distribution system		<input checked="" type="checkbox"/> c) Compact design of conventional system			
	7.2	Pipe Insulation	1	0	0		0
11. Residential Refrigerant Management							
	11.1	Refrigerant Charge Test	Prereq.				
	11.2	Appropriate HVAC Refrigerants (meet one of the following)	1		0		0
		<input type="checkbox"/> a) Use no refrigerants <input type="checkbox"/> b) Use non-HCFC refrigerants		<input type="checkbox"/> c) Use refrigerants that complies with global warming potential equation			

1. Material-Efficient Framing

1.1	Framing Order Waste Factor	<i>Prereq.</i>			
1.2	Detailed Framing Documents	1	0	0	0
1.3	Detailed Cut List and Lumber Order	1	0	0	0
	<input type="checkbox"/> Requirements of MR 1.2 have been met	<input type="checkbox"/> Detailed cut list and lumber order corresponding to framing plans or scopes			
AND/OR 1.4	Framing Efficiencies (<i>meet any of the following, see Rating System for pts</i>)	3	2	0	2
	<input type="checkbox"/> Precut framing packages	<input checked="" type="checkbox"/> Stud spacing greater than 16" on center			
	<input type="checkbox"/> Open-web floor trusses	<input type="checkbox"/> Ceiling joist spacing greater than 16" on center			
	<input type="checkbox"/> Structural insulated panel walls	<input checked="" type="checkbox"/> Floor joist spacing greater than 16" on center			
	<input type="checkbox"/> Structural insulated panel roof	<input checked="" type="checkbox"/> Roof rafter spacing greater than 16" on center			
	<input type="checkbox"/> Structural insulated panel floors	<input type="checkbox"/> Two of the following: Size headers for loads; ladder blocking; drywall clips; 2-			
OR 1.5	Off-site Fabrication (<i>meet one of the following</i>)	4	0	0	0
	<input type="checkbox"/> a) Panelized construction	<input type="checkbox"/> b) Modular, prefabricated construction			

2. Environmentally Preferable Products

2.1	≠ FSC Certified Tropical Wood (<i>meet all of the following</i>)		<i>Prereq.</i>		Y	
	<input checked="" type="checkbox"/> a) Provide suppliers with a notice of preference for FSC products; AND	<input checked="" type="checkbox"/> b) All purchased wood is either not tropical, FSC-certified, or reclaimed				
	<input checked="" type="checkbox"/> Request country of manufacture for each wood product					
2.2	≠ Environmentally Preferable Products (<i>meet any, 1/2 pt each</i>)		8	4.5	0	4.5
	Assembly : component	(a) EPP	(b) Low emission	(c) Local production		
	Exterior wall: framing	<input type="checkbox"/> type: _____		<input checked="" type="checkbox"/>		
	Exterior wall: siding or masonry	<input type="checkbox"/> type: _____		<input type="checkbox"/>		
	Floor: flooring	<input type="checkbox"/> (45%) type: _____	<input checked="" type="checkbox"/>	90% hard flooring	<input type="checkbox"/> (45%)	
	Floor: flooring	<input type="checkbox"/> (90%) type: _____	<input type="checkbox"/>	SCS FloorScore	<input checked="" type="checkbox"/> (90%)	
	Floor: carpet		<input type="checkbox"/>	Green Label Plus	<input type="checkbox"/>	
	Floor: framing	<input type="checkbox"/> type: _____			<input checked="" type="checkbox"/>	
	Foundation: aggregate	<input type="checkbox"/> type: _____			<input checked="" type="checkbox"/>	
	Foundation: cement	<input type="checkbox"/> type: _____			<input type="checkbox"/>	
	Interior wall: framing	<input type="checkbox"/> type: _____			<input checked="" type="checkbox"/>	
	Interior wall, ceiling: gypsum board	<input type="checkbox"/> type: _____			<input type="checkbox"/>	
	Interior wall, ceiling, millwork: paint	<input type="checkbox"/> type: _____	<input checked="" type="checkbox"/>	type: _____		
	Landscape: decking and patio	<input type="checkbox"/> type: _____			<input type="checkbox"/>	
	Other: cabinet	<input type="checkbox"/> type: _____			<input type="checkbox"/>	
	Other: counter	<input type="checkbox"/> type: _____			<input type="checkbox"/>	
	Other: door	<input type="checkbox"/> type: _____			<input type="checkbox"/>	
	Other : exterior trim	<input type="checkbox"/> type: _____			<input type="checkbox"/>	
	Other : adhesive, sealant		<input type="checkbox"/>	type: _____		
	Other : window frame	<input type="checkbox"/> type: _____			<input type="checkbox"/>	
	Roof: framing	<input type="checkbox"/> type: _____			<input checked="" type="checkbox"/>	
	Roof: roofing	<input type="checkbox"/> type: _____			<input type="checkbox"/>	
	Roof, floor, wall: cavity insulation	<input checked="" type="checkbox"/> type: _____	<input type="checkbox"/>	type: _____	<input type="checkbox"/>	
	Roof, floor, wall (2 of 3): sheathing	<input type="checkbox"/> type: _____			<input type="checkbox"/>	
	Other: water supply piping	<input type="checkbox"/> type: _____				

Other: driveway



type: _____

3. Waste Management						
3.1	Construction Waste Management Planning (<i>meet both of the following</i>)	Prereq.			Y	
	<input checked="" type="checkbox"/> a) Investigate local options for waste diversion		<input checked="" type="checkbox"/> b) Document diversion rate for construction waste			
3.2	Construction Waste Reduction (<i>use one of the following methods</i>)	3	1.5	0	1.5	
	<input type="text"/> a) pounds waste / square foot					
	<input type="text"/> cubic yards waste / 1,000 square feet					
	<input type="text"/> 50% b) percentage of waste diverted					
Indoor Environmental Quality (EQ) (Minimum 6 EQ Points Required)		Max: 21	Y:10	M:0	Notes	Final: 10
1. ENERGY STAR with Indoor Air Package						
1	ENERGY STAR with Indoor Air Package	13	0	0		0
2. Combustion Venting						
2.1	Basic Combustion Venting Measures (<i>meet all of the following</i>)	Prereq.				
	<input checked="" type="checkbox"/> a) no unvented combustion appliances		<input checked="" type="checkbox"/> d) space, water heating equipment designed with closed combustion; OR			
	<input checked="" type="checkbox"/> b) carbon monoxide monitors on each floor		<input checked="" type="checkbox"/> space and water heating equipment has power-vented exhaust; OR			
	<input checked="" type="checkbox"/> c) no fireplace installed, OR		<input checked="" type="checkbox"/> space and water heating equipment located in detached or open-air facility			
	<input checked="" type="checkbox"/> all fireplaces and woodstoves have doors		<input checked="" type="checkbox"/> no space- or water-heating equipment with combustion			
2.2	Enhanced Combustion Venting Measures (<i>meet one of the following</i>)	2	2	0	2	
	Type of Fireplace or stove	Better practice (1 pt)	Best practice (2 pts) (<i>must also meet Better Practice</i>)			
	None		<input type="checkbox"/>	granted automatically		
	Masonry wood-burning fireplace	<input type="checkbox"/> masonry heater	<input type="checkbox"/>	back-draft potential test		
	Factory-built wood-burning fireplace	<input type="checkbox"/> listed by testing lab and meets EPA standards	<input type="checkbox"/>	back-draft potential test		
	Woodstove and fireplace insert	<input type="checkbox"/> listed by testing lab and meets EPA standards	<input type="checkbox"/>	back-draft potential test		
	Natural gas, propane, or alcohol stove	<input checked="" type="checkbox"/> listed, power- or direct-vented, fixed doors	<input checked="" type="checkbox"/>	electronic pilot		
	Pellet stove	<input type="checkbox"/> EPA certified or meets safety requirements	<input type="checkbox"/>	power- or direct-venting		
3. Moisture Control						
3	Moisture Load Control (<i>meet one of the following</i>)	1	0	0		0
	<input type="checkbox"/> a) Additional dehumidification system		<input type="checkbox"/> b) Central HVAC system equipped with additional dehumidification mode			
4. Outdoor Air Ventilation						
4.1	Basic Outdoor Air Ventilation (<i>meet one of the following</i>)	Prereq.				
	<input type="checkbox"/> a) Located in climate with $\leq 4,500$ infiltration degree days.		<input type="checkbox"/> c) Intermittent ventilation			
	<input checked="" type="checkbox"/> b) Continuous ventilation		<input type="checkbox"/> d) Passive ventilation			
4.2	Enhanced Outdoor Air Ventilation (<i>meet one of the following</i>)	2	0	0	0	
	<input type="checkbox"/> a) In climates with $\leq 4,500$ infiltration degree days, install active ventilation system		<input type="checkbox"/> b) Install heat recovery system			
4.3	Third-Party Performance Testing	1	0	0	0	

5. Local Exhaust					
5.1	⚡ Basic Local Exhaust (meet all of the following)	Prereq.			
	<input checked="" type="checkbox"/> a) Bathroom and kitchen exhaust meets ASHRAE Std. 62.2 air flow requirement		<input checked="" type="checkbox"/> c) Air exhausted to outdoors		
	<input checked="" type="checkbox"/> b) Fans and ducts designed and installed to ASHRAE Std. 62.2		<input checked="" type="checkbox"/> d) ENERGY STAR labeled bathroom exhaust fans		
5.2	Enhanced Local Exhaust (meet one of the following)	1	1	0	1
	<input type="checkbox"/> a) Occupancy sensor		<input type="checkbox"/> c) Automatic timer tied to switch		
	<input checked="" type="checkbox"/> b) Automatic humidistat controller		<input type="checkbox"/> d) Continuously operating exhaust fan		
5.3	Third-Party Performance Testing	1	0	0	0
6. Distribution of Space Heating and Cooling					
6.1	⚡ Room-by-Room Load Calculations	Prereq.			
6.2	Return Air Flow / Room-by-Room Controls (meet one of the following)	1	1	0	1
	A. Forced-Air Systems		B. Nonducted HVAC Systems		
	<input type="checkbox"/> a) Return air opening of 1 sq. inch per cfm of supply		<input checked="" type="checkbox"/> Flow control valves on every radiator		
	<input type="checkbox"/> b) Limited pressure differential between closed room and adjacent spaces				
6.3	Third-Party Performance Test / Multiple Zones (meet one of the following)	2	2	0	2
	A. Forced-Air Systems		B. Nonducted HVAC Systems		
	<input type="checkbox"/> Have supply air flow rates in each room tested and confirmed		<input checked="" type="checkbox"/> Install at least two distinct zones with independent thermostat control		
7. Air Filtering					
7.1	Good Filters	Prereq.			
7.2	Better Filters	1	0	0	0
OR	7.3 Best Filters	2	0	0	0
8. Contaminant Control					
8.1	⚡ Indoor Contaminant Control during Construction	1	1	0	1
8.2	Indoor Contaminant Control (meet any of the following, 1 pt each)	2	0	0	0
	<input type="checkbox"/> a) Design and install permanent walk-off mats at each entry		<input type="checkbox"/> c) Install central vacuum system with exhaust to outdoors		
	<input type="checkbox"/> b) Design shoe removal and storage space near primary entryway				
8.3	⚡ Preoccupancy Flush	1	1	0	1
9. Radon Protection					
9.1	⚡ Radon-Resistant Construction in High-Risk Areas	Prereq.			
9.2	⚡ Radon-Resistant Construction in Moderate-Risk Areas	1	0	0	0

10. Garage Pollutant Protection					
10.1	No HVAC in Garage	<i>Prereq.</i>			
10.2	Minimize Pollutants from Garage (<i>meet all of the following</i>)	2	2	0	2
	a) In conditioned spaces above garage:	b) In conditioned spaces next to garage			
	<input type="checkbox"/> Seal all penetrations and connecting floor and ceiling joist bays	<input checked="" type="checkbox"/> Weather-strip all doors			
		<input checked="" type="checkbox"/> carbon monoxide detectors in rooms that share a door with garage			
		<input checked="" type="checkbox"/> Seal all penetrations and cracks at the base of walls			
AND/OR	10.3 Exhaust Fan in Garage (<i>meet one of the following</i>)	1	0	0	0
	<input type="checkbox"/> a) Fan runs continuously	<input type="checkbox"/> b) Fan designed with automatic timer control			
OR	10.4 Detached Garage or No Garage	3	0	0	0
Awareness & Education (AE) (Minimum 0 AE Points Required)		Max: 3	Y:0	M:0	Notes
					Final: 0
1. Education of the Homeowner or Tenant					
1.1	Basic Operations Training (<i>meet both of the following</i>)	<i>Prereq.</i>			Y
	<input type="checkbox"/> a) Operations and training manual	<input type="checkbox"/> b) One-hour walkthrough with occupant(s)			
1.2	Enhanced Training	1	0	0	0
1.3	Public Awareness (<i>meet three of the following</i>)	1	0	0	0
	<input type="checkbox"/> a) Open house on at least four weekends	<input type="checkbox"/> c) Newspaper article on the project			
	<input type="checkbox"/> b) Website about features and benefits of LEED homes	<input type="checkbox"/> d) Display LEED signage on the exterior of the home			
2. Education of the Building Manager					
2	Education of the Building Manager (<i>meet both of the following</i>)	1	0	0	0
	<input type="checkbox"/> a) Operations and training manual	<input type="checkbox"/> b) One-hour walkthrough with building manager			