LEED for Homes Mid-rise Project Checklist for California

for Homes

Builder Name:	***Belmont Village***
Project Team Leader:	***Brent Covey, Belmont Village***
Home Address (Street/City/State):	***, Albany, California***

Project Description

Building Type: ***Mid-rise multi-family*** # of stories: ***4***

# of Units: ***176*** Avg. Home Size Adjustment: ***-10.0***

Adjusted Certification Thresholds

Certified: ***35.0*** Gold: ***65.0***

Silver: ***50.0*** Platinum: ***80.0***

Project Point Total

Prelim: ***65.5 + 27 maybe pts*** **Final:** ***0***

Certification Level

Prelim: ***Not Certified*** **Final:** ***Not Certified***

Final Credit Category Point Totals

ID: 0 ***SS: 0*** ***EA: 0*** ***EQ: 0***

LL: 0 ***WE: 0*** ***MR: 0*** ***AE: 0***

Minimum 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		Project Points
Innovation & Design Process (ID)	(Minimum 0 ID Points Required)	***Max: 11***	***Y:5***	***M:4***		**Notes**	***Final: 0***
1. Integrated Project Planning							
1.1	Preliminary Rating	*Prereq.*	*Y*			*Kick off mtg: 7/12/13*	*Y*
	Target performance tier: Gold						
1.2	Energy Expertise for MID-RISE	*Prereq.*	*Y*				*Y*
1.3	Professional Credentialed with Respect to LEED for Homes	*1*	*0*	*0*	*N*	*please see ID 01-06 for details*	*0*
1.4	Design Charrette	*1*	*1*	*0*			*0*
1.5	Building Orientation for Solar Design *(meet all of the following)*	*1*	*0*	*0*	*N*		*0*
	☐ a) Glazing area on north/south walls 50% greater than on east/west walls		☐ c) At least 450 sq. ft. of south-facing roof area, oriented for solar applications				
	☐ b) East-west axis is within 15 degrees of due east-west		☐ d) 90% of south-facing glazing is shaded in summer, unshaded in winter				
1.6	Trades Training for MID-RISE	*1*	*1*	*0*			*0*
2. Quality Management for Durability							
2.1	Durability Planning *(meet all of the following)*	*Prereq.*	*Y*				
	☒ a) Durability evaluation completed		☒ d) Durability strategies incorporated into project documentation				
	☒ b) Strategies developed to address durability issues		☒ e) Durability measures listed in durability inspection checklist				
	☒ c) Moisture control measures from Table 1 incorporated						
2.2	Durability Management *(meet one of the following)*	*Prereq.*	*Y*				
	☒ Builder has a quality management process in place		☒ Builder conducted inspection using durability inspection checklist				
2.3	Third-Party Durability Management Verification	*3*	*3*	*0*		*RW to complete*	*0*

3. Innovative or Regional Design

3.1	✍ Innovation 1 (ruling #):		1	0	1	Place holder for exmp	0
3.2	✍ Innovation 2 (ruling #):		1	0	1	Place holder for exmp	0
3.3	✍ Innovation 3 (ruling #):		1	0	1	Place holder for exmp	0
3.4	✍ Innovation 4 (ruling #):		1	0	1	LEED EB SSc5 - Creek	0

Location & Linkages (LL) (Minimum 0 LL Points Required)

Max: 10	Y:6	M:3	Notes	Final: 0

1. LEED for Neighborhood Development

1	LEED for Neighborhood Development		10	0	0	N	0

2. Site Selection

2	✍ Site Selection *(meet all of the following)*		2	2	0		0

- ☒ a) Built above 100-year floodplain defined by FEMA
- ☒ b) Not built on habitat for threatened or endangered species
- ☐ c) Not built within 100 ft of water, including wetlands
- ☒ d) Not built on land that was public parkland prior to acquisition
- ☒ e) Not built on land with prime soils, unique soils, or soils of state significance

3. Preferred Locations

3.1	Edge Development		1	0	0		0
OR 3.2	Infill		2	2	0		0
AND/OR 3.3	Brownfield Redevelopment for MID-RISE		1	0	0	N	0

- ☐ a) Site meets criteria as "contaminated" by ASTM E1903-97 Phase II
- ☐ b) Site defined as "brownfield" by local, state, or federal government agency

4. Infrastructure

4	Existing Infrastructure		1	1	0		0

5. Community Resources / Transit

5.1	Basic Community Resources for MID-RISE (meet one of the following)		1	0	0		0

- ☐ a) Within 1/4 mile of 4 basic community resources
- ☐ b) Within 1/2 mile of 7 basic community resources

OR 5.2	Extensive Community Resources for MID-RISE (meet one of the following)		2	0	0		0

- ☐ a) Within 1/4 mile of 7 basic community resources
- ☐ b) Within 1/2 mile of 11 basic community resources

OR 5.3	Outstanding Community Resources for MID-RISE (meet one of the following)		3	0	3		0

- ☐ a) Within 1/4 mile of 11 basic community resources
- ☐ b) Within 1/2 mile of 14 basic community resource

6. Access to Open Space

6	Access to Open Space		1	1	0		0

Sustainable Sites (SS) (Minimum 5 SS Points Required)	***Max: 22***	***Y:18***	***M:2***	***Notes***	***Final: 0***

1. Site Stewardship

1.1	Erosion Controls During Construction *(meet all of the following)*	*Prereq.*	*Y*		

- [x] a) Stockpile and protect disturbed topsoil from erosion.
- [x] b) Control the path and velocity of runoff with silt fencing or equivalent.
- [x] c) Protect sewer inlets, streams, and lakes with straw bales, silt fencing, etc.
- [x] d) Provide swales to divert surface water from hillsides
- [x] e) Use tiers, erosion blankets, compost blankets, etc. on sloped areas.

1.2	Minimize Disturbed Area for MID-RISE (meet appropriate requirements)	*1*	*1*	*0*	*0*

Where the site is not previously developed, meet all the following:

- [ ] a) Develop tree / plant preservation plan with "no-disturbance" zones
- [ ] b) Leave 40% of buildable lot area, not including area under roof, undisturbed

OR Where the site is previously developed, meet all the following:

- [ ] c) Develop tree / plant preservation plan with "no-disturbance" zones AND
- [ ] Rehabilitate lot; undo soil compaction and remove invasive plants AND
- [ ] Meet the requirements of SS 2.2

OR [x] d) Build on a lot to achieve a density of 40 units per acre.

2. Landscaping

	2.1	✍ No Invasive Plants	*Prereq.*	*Y*		
	2.2	✍ Basic Landscaping Design *(meet all of the following)*	*1*	*1*	*0*	*0*

- [x] a) Any turf must be drought-tolerant.
- [x] b) Do not use turf in densely shaded areas.
- [x] c) Do not use turf in areas with slope of 25%
- [x] d) Add mulch or soil amendments as appropriate.
- [x] e) All compacted soil must be filled to at least 6 inches.

AND/OR	2.3	✍ Limit Conventional Turf for MID-RISE	*2*	*2*	*0*	*0*

[ ] Percentage of designed landscape softscape area that is turf

AND/OR	2.4	✍ Drought-Tolerant Plants for MID-RISE	*1*	*1*	*0*	*0*

[ ] Percentage of installed plants that are drought-tolerant

[ ] Both points in SS 2.3 are met (≤ 20% turf)

OR	2.5	✍ Reduce Overall Irrigation Demand by at Least 20% for MID-RISE	*3*	*0*	*0*	*0*

[ ] Percentage reduction in estimated irrigation water demand *(calculate)*

3. Reduce Local Heat Island Effects

	3.1	✍ Reduce Site Heat Island Effects for MID-RISE (meet one)	*1*	*0*	*1*	*0*

- [ ] a) Locate trees / plantings to provide shade for 50% of hardscapes
- [ ] b) Install light-colored, high-albedo materials for 50% of sidewalks, patios, and driveways

	3.2	✍ Reduce Roof Heat Island Effects for MID-RISE (meet one)	*1*	*1*	*0*	*0*

- [x] a) Install roof with high albedo materials on 75% of roof area
- [ ] b) Install a vegetated roof for at least 50% of roof area
- [ ] c) Install combination of high albedo and vegetated roof

4. Surface Water Management

4.1	✍ Permeable Lot for MID-RISE	2	0	0	N	0

- [ ] vegetative landscape
- [ ] permeable paving
- [ ] impermeable surfaces directed to on-site infiltration features
- [ ] other impermeable surfaces

4.2	Permanent Erosion Controls *(meet one of the following)*	1	0	1		0

- [ ] a) For portions of lot on steep slope, use terracing and retaining walls
- [ ] b) Plant trees, shrubs, or groundcover

4.3	✍ Stormwater Quality Control for MID-RISE *(meet one of the following)*	2	2	0		0

- [x] a) Stormwater mgmt plan designed in accordance with state or local program
- [ ] b) In-field performance monitoring data to demonstate compliance

5. Nontoxic Pest Control

5	Pest Control Alternatives *(meet any of the following, 1/2 pt each)*	2	2	0		0

- [x] a) Keep all exterior wood at least 12" above soil
- [x] b) Seal external cracks, joints, etc. with caulking and install pest-proof screens
- [x] c) Include no wood-to-concrete connections, or separate connections with dividers
- [x] d) Install landscaping so mature plants are 24" from home

e) In 'moderate' to 'very heavy' termite risk areas:

- [ ] i) Treat all cellulosic material with borate product to 3' above foundation
- [ ] ii) Install sand or diatomaceous earth barrier
- [ ] iii) Install steel mesh barrier termite control system
- [ ] iv) Install non-toxic termite bait system
- [ ] v) Use noncellulosic wall structure
- [ ] vi) Use solid concrete foundation walls or pest-proof masonry wall design

6. Compact Development

6.1	Moderate Density for MID-RISE	2	0	0		0

[ ] # of total units on the lot [ ] lot size (acres) [N/A] density (units/acre)

OR	6.2	High Density for MID-RISE	3	0	0	0
OR	6.3	Very High Density for MID-RISE	4	4	0	0

7. Alternative Transportation

7.1	Public Transit for MID-RISE (meet one of the following)	2	2	0	0

- [x] a) Within 1/2 mile of transit services providing 30 rides per weekday
- [ ] b) Within 1/2 mile of transit services providing 60 rides per weekday

7.2	Bicycle Storage for MID-RISE	1	1	0	0

[ ] secure, covered storage capacity (# of bicycles)

7.3	Parking Capacity/Low-Emitting Vehicles for MID-RISE (meet one)	1	1	0	0

- [ ] a) Provide low-emitting, fuel-efficient vehicles for 3% of the total parking capacity
- [ ] b) 5% of total capacity is preferred parking spots for low-emitting vehicles
- [ ] c) Alternative-fuel refueling stations for 3% of total vehicle capacity
- [x] d) Size parking to not exceed min zoning req'ts, AND
- [x] Provide infrastructure to facilitate shared vehicle usage
- [ ] e) Provide no new parking

Water Efficiency (WE) (Minimum 3 WE Points Required)

Max: 15	Y:7	M:2	Notes	Final: 0

1. Water Reuse

1	Water Reuse for MID-RISE	5	0	1		0

[ ] of total water demand offset by water reuse strategies (mark any/all strategies adopted)

- [x] Rainwater harvesting
- [x] Graywater reuse
- [ ] Municipal recycled water

2. Irrigation System

2.1	High-Efficiency Irrigation System for MID-RISE *(meet any, 0.5 pt each)*	2	2	0		0

- [ ] a) Irrigation system designed by EPA Water Sense certified professional
- [ ] b) Irrigation system with head-to-head coverage
- [x] c) Install central shut-off valve
- [ ] d) Install submeter for the irrigation system
- [x] e) Use drip irrigation for 50% of planting beds
- [ ] f) Create separate zones for each type of bedding
- [ ] g) Install timer or controller for each watering zone
- [ ] h) Install pressure-regulating devices
- [ ] i) High-efficiency nozzles with distribution uniformity of at least 0.70.
- [x] j) Install check valves in heads
- [x] k) Install moisture sensor or rain delay controller
- [ ] l) Third-party inspection of irrigation system

OR

2.2	Reduce Overall Irrigation Demand by at Least 45% for MID-RISE	2	0	0		0

[0%] Percentage reduction in estimated irrigation water demand (see SS 2.5)

3. Indoor Water Use

3.1	High-Efficiency Fixtures and Fittings *(meet any of the following, 1 pt each)*	3	1	0		0

- [ ] a) Average flow rate of lavatory faucets is ≤ 2.00 gpm
- [ ] b) Average flow rate for all showers is ≤ 2.00 gpm per stall
- [x] c) Average flow rate for all toilets is ≤ 1.30 gpf; OR
  - [ ] Toilets are dual-flush; OR
  - [ ] Toilets meet the EPA Water Sense specification

3.2	Very High-Efficiency Fixtures and Fittings *(meet any, 2 pts each)*	6	4	0		0

- [x] a) Average flow rate of lavatory faucets is ≤ 1.50 gpm; OR
  - [ ] Lavatory faucets meet the EPA Water Sense specification
- [x] b) Average flow rate for all showers ≤ 1.75 gpm per stall
- [ ] c) Average flow rate for all toilets is ≤ 1.10 gpf

3.3	Water Efficient Appliances for MID-RISE *(meet any of following, 1 pt each)*	2	0	1		0

- [x] a) Water-efficient clothes washers with MEF ≥ 2.0 and WF < 5.5
- [ ] b) ENERGY STAR dishwasher(s) that use ≤ 6.0 gallons per cycle

Energy & Atmosphere (EA) (Minimum 0 EA Points Required)

Max: 38 | Y:13 | M:5 | Notes | Final: 0

1. Optimize Energy Performance in Mid-rise Buildings

1.1	Minimum Energy Performance for MID-RISE in CA *(meet all of the following)*	Prereq.	Y			
	☒ Energy performance exceeds Title-24 2008 by 15% or more	☒ Energy modeling conducted by current CEPE or CEA				
	☒ Energy improvements verified by HERS Rater	☒ Energy model submitted and reviewed by USGBC				
1.2	Testing and Verification for MID-RISE	Prereq.	Y			
1.3	Optimize Energy Performance for MID-RISE in CA	24	9	0		0
	0.0% % savings compared with Title-24 2008	(calculate)				

8. Lighting

8.1	Basic Lighting	Prereq.	Y			
8.2	Advanced In-Unit Lighting *(meeting one of the following)*	3	3	0		0
	☐ a) Meet Title-24 w/ high-efficacy lighting throughout	☒ c) Meet Title-24 w/ controls AND use 90% ENERGY STAR lamps				
	☒ b) Meet Title-24 w/ controls AND use 60% ENERGY STAR fixtures					

10. Renewable Energy

10	✍ Renewable Energy System	10	0	5		0.0
	☐ Percentage of annual reference energy load supplied by renewable system					
	(calculate)					

11. Residential Refrigerant Management

11.1	Refrigerant Charge Test	Prereq.	Y			
11.2	Appropriate HVAC Refrigerants *(meet one of the following)*	1	1	0		0
	☐ a) Use no refrigerants	☐ c) Use refrigerants that complies with global warming potential equation				
	☒ b) Use non-HCFC refrigerants					

Materials & Resources (MR) (Minimum 2 MR Points Required)

Max: 16 | Y:8.5 | M:5 | Notes | Final: 0

1. Material-Efficient Framing

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

2. Environmentally Preferable Products

2.1 ✍ FSC Certified Tropical Wood *(meet all of the following)* — ***Prereq.*** ***Y***

☒ a) Provide suppliers with a notice of preference for FSC products; AND

☒ Request country of manufacture for each wood product

☒ b) No tropical wood installed (exceptions for FSC-certified or reclaimed wood)

2.2 ✍ Environmentally Preferable Products *(meet any, 1/2 pt each)* — ***8*** ***4*** *2* ***0***

Assembly : component	***(a) EPP***		***(b) Low emission***	***(c) Local production***
Exterior wall: framing	☐	type:		☐
Exterior wall: siding or masonry	☐	type:		☐
Floor: flooring	☐ (45%)	type:	☐ 90% hard flooring	☐ (45%)
Floor: flooring	☐ (90%)	type:	☐ SCS FloorScore	☐ (90%)
Floor: flooring			☐ Green Label Plus	☐
Floor: framing	☐	type:		
Foundation: aggregate	☐	type:		☐
Foundation: cement	☐	type:		☐
Interior wall: framing	☐	type:		☐
Interior wall, ceiling: gypsum board	☐	type:		☐
Interior wall, ceiling, millwork: paint	☐	type:	☐ type:	
Landscape: decking and patio	☐	type:		☐
Other: cabinet	☐	type:		☐
Other: counter	☐	type:		☐
Other: door	☐	type:		☐
Other : interior trim	☐	type:		☐
Other : adhesive, sealant			☐ type:	
Other : window frame	☐	type:		☐
Roof: framing	☐	type:		☐
Roof: roofing	☐	type:		☐
Roof, floor, wall: cavity insulation	☐	type:	☐ type:	☐
Roof, floor, wall (2 of 3): sheathing	☐	type:		☐
Other: water supply piping	☐	type:		
Other: driveway	☐	type:		

3. Waste Management

3.1 Construction Waste Management Planning *(meet both of the following)* — ***Prereq.*** ***Y***

☒ a) Investigate local options for waste diversion

☐ b) Document diversion rate for construction waste

3.2 Construction Waste Reduction *(use one of the following methods)* — ***3*** ***2.5*** *0* ***0***

☐ a) pounds waste / square foot

☐ cubic yards waste / 1,000 square feet

☐ b) percentage of waste diverted

Indoor Environmental Quality (EQ) (Minimum 6 EQ Points Required)	***Max: 21***	***Y:5***	***M:6***	***Notes***	***Final: 0***

2. Combustion Venting

2	Basic Combustion Venting Measures for MID-RISE (meet all the following)	***Prereq.***	***Y***		

- ☒ a) no unvented combustion appliances
- ☒ b) carbon monoxide monitors on each floor of each unit
- ☐ c) no fireplace installed, OR
- ☒ all fireplaces and woodstoves have doors
- ☐ d) space, water heating equipment designed with closed combustion; OR
- ☐ space and water heating equipment has power-vented exhaust; OR
- ☐ space and water heating equipment located in detached or open-air facility; OR
- ☐ no space- or water-heating equipment with combustion

3. Moisture Control

3	Moisture Load Control *(meet one of the following)*	***1***	***0***	***1***	***0***

- ☐ a) Additional dehumidification system
- ☐ b) HVAC system equipped with additional dehumidification mode

4. Outdoor Air Ventilation

4.1	Basic Outdoor Air Ventilation for MID-RISE (meet all of the following)	***Prereq.***	***Y***		

- ☒ a) ASHRAE 62.2-2007 met for all in-unit spaces
- ☒ b) ASHRAE 62.1-2007, Sections 4 through 7 met for residential-associated spaces

4.2	Enhanced Outdoor Air Ventilation for MID-RISE	***2***	***0***	***0***	***0***
4.3	Third-Party Performance Testing for MID-RISE	***1***	***1***	***0***	***0***

5. Local Exhaust

5.1	Basic Local Exhaust for MID-RISE (meet all of the following)	***Prereq.***	***Y***		

- ☒ a) In-unit bathrooms and kitchens meet ASHRAE 62.2-2007 air flow requirements
- ☒ b) Fans and ducts designed and installed to ASHRAE Std. 62.2
- ☒ c) Air exhausted to outdoors through roof or outside wall
- ☒ d) ENERGY STAR labeled bathroom exhaust fans OR
- ☐ Multi-port bathroom exhaust systems installed
- ☒ e) Common bathrooms and kitchens meet ASHRAE 62.1-2007 air flow requirements

5.2	Enhanced Local Exhaust *(meet one of the following)*	***1***	***1***	***0***	***0***

- ☒ a) Occupancy sensor
- ☐ b) Automatic humidistat controller
- ☐ c) Automatic timer tied to switch to operate fan for 20+ minutes post-occupancy
- ☒ d) Continuously operating exhaust fan

5.3	Third-Party Performance Testing for MID-RISE	***1***	***1***	***0***	***0***

6. Distribution of Space Heating and Cooling

6.1	Room-by-Room Load Calculations	*Prereq.*	*Y*			
6.2	Return Air Flow / Room-by-Room Controls *(meet one of the following)*	*1*	*0*	*1*		*0*

A. Forced-Air Systems

- [x] a) Return air opening of 1 sq. inch per cfm of supply
- [ ] b) Limited pressure differential between closed room and adjacent spaces

B. Nonducted HVAC Systems

- [ ] Flow control valves on every radiator
- [ ] Radiant floor system with thermostatic controls in every room

6.3	Third-Party Performance Test / Multiple Zones *(meet one of the following)*	*2*	*0*	*2*		*0*

A. Forced-Air Systems

- [ ] Have supply air flow rates in each room tested and confirmed

B. Nonducted HVAC Systems

- [ ] Install at least two distinct zones with independent thermostat control

7. Air Filtering

7.1	Good Filters	*Prereq.*	*Y*			
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*		*0*
8.2	Indoor Contaminant Control for MID-RISE (meet any of following, 1 pt each)	*2*	*0*	*0*	*N*	*0*

- [ ] a) Install permanent walk-off mats for each unit
- [ ] Install central entryway system
- [ ] b) In each unit, design shoe removal and storage space near primary entryway
- [ ] c) In each unit, install central vacuum system with exhaust to outdoors

8.3	Preoccupancy Flush	*1*	*1*	*0*		*0*

9. Radon Protection

9.1	Radon-Resistant Construction in High-Risk Areas	*Prereq.*	*Y*			
9.2	Radon-Resistant Construction in Moderate-Risk Areas	*1*	*0*	*0*		*0*

10. Garage Pollutant Protection

10.1	No HVAC in Garage	*Prereq.*	*Y*			
10.2	Minimize Pollutants from Garage for MID-RISE (meet all of the following)	*2*	*0*	*2*		*0*

a) In conditioned spaces above garage:

- [x] Seal all penetrations and connecting floor and ceiling joist bays

b) In conditioned spaces next to garage

- [ ] Weather-strip all doors
- [ ] Carbon monoxide detectors in rooms that share a door with garage
- [ ] Seal all penetrations and cracks at the base of walls

- [x] c) Vestibule to provide airlock between garage and adjacent spaces; OR
- [ ] Provide self-closing doors and deck-to-deck partitions
- [x] d) Continuous exhaust in garage

OR 10.3	Detached Garage or No Garage	*3*	*0*	*0*		*0*

11. Environmental Tobacco Smoke Control

11	Env. Tobacco Smoke Reduction for MID-RISE (meet part (a) or (b) below)	1	0	0	N	0

a) Reduce smoke exposure and transfer (1/2 point)

- ☐ Prohibit smoking in all common areas
- ☐ Any exterior smoking areas are > 25 ft from entries, air intakes, windows
- ☐ Prohibit on-property smoking within 25 feet of entries, intakes, windows
- ☐ Prohibitions communicated through lease agreements, CC&Rs, signage

b) Prohibit smoking throughout the building (1 points)

- ☐ Prohibit smoking within living units
- ☐ Prohibit smoking in all common areas of the building
- ☐ Any exterior smoking areas are > 25 ft from entries, air intakes, windows
- ☐ Prohibitions communicated through lease agreements, CC&Rs, signage

12. Compartmentalization of Units

12.1	Compartmentalization of Units *(meet both of the following)*	Prereq.	Y			

- ☒ a) Air-seal and/or weather-strip all walls, chases, doors, windows, etc.
- ☒ b) Demonstrate minimal leakage of 0.30 CFM50 per square foot of enclosure

12.2	Enhanced Compartmentalization of Units	1	0	0		0

Awareness & Education (AE) (Minimum 0 AE Points Required)

Max: 3 | Y:3 | M:0 | Notes | Final: 0

1. Education of the Homeowner or Tenant

1.1	✍ Basic Operations Training *(meet both of the following)*	Prereq.	Y			

- ☒ a) Operations and training manual
- ☒ b) One-hour walkthrough with occupant(s)

1.2	✍ Enhanced Training	1	1	0		0
1.3	Public Awareness *(meet three of the following)*	1	1	0		0

- ☒ a) Open house on at least four weekends
- ☐ b) Website about features and benefits of LEED homes
- ☒ c) Newspaper article on the project
- ☒ d) Display LEED signage on the exterior of the home

2. Education of the Building Manager

2	✍ Education of the Building Manager *(meet both of the following)*	1	1	0		0

- ☒ a) Operations and training manual
- ☒ b) One-hour walkthrough with building manager