LEED for Homes Mid-rise Simplified Project Checklist

for Homes

Builder Name:	*American Campus Communities*
Project Team Leader (if different):	*James Spiegel, CUBE3*
Home Address (Street/City/State):	*744 Columbus Ave., Boston, MA*

Project Description:

Building type: ***Mid-rise multi-family*** # of stories: ***22***

# of units: ***212*** Avg. Home Size Adjustment: ***-10***

Adjusted Certification Thresholds

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

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

Project Point Total

Prelim: *78.5 + 0 maybe pts* Final: *78.5*

Certification Level

Prelim: *Gold* Final: *Gold*

Final Credit Category Total Points

ID: 5 *SS: 19.5* *EA: 14.5* *EQ: 9*

LL: 9 *WE: 9* *MR: 12.5* *AE: 0*

date last updated :

last updated by :

					Max Pts	Project Points Preliminary			Final
Innovation and Design Process (ID)			(No Minimum Points Required)		Max	Y/Pts	Maybe	No	Y/Pts
1. Integrated Project Planning		1.1	Preliminary Rating		Prereq	Y			Y
		1.2	Energy Expertise for MID-RISE		Prereq	Y			Y
		1.3	Professional Credentialed with Respect to LEED for Homes		1	0	0	N	0
		1.4	Design Charrette		1	1	0		1
		1.5	Building Orientation for Solar Design		1	0	0	N	0
		1.6	Trades Training for MID-RISE		1	1	0		1
2. Durability Management Process		2.1	Durability Planning		Prereq	Y			Y
		2.2	Durability Management		Prereq	Y			Y
		2.3	Third-Party Durability Management Verification		3	3	0		3
3.Innovative or Regional Design	✎	3.1	Innovation #1 _____		1	0	0	N	0
	✎	3.2	Innovation #2 _____		1	0	0	N	0
	✎	3.3	Innovation #3 _____		1	0	0	N	0
	✎	3.4	Innovation #4		1	0	0	N	0
				Sub-Total for ID Category:	**11**	5	0		5
Location and Linkages (LL)			(No Minimum Points Required)	*OR*	Max	Y/Pts	Maybe	No	Y/Pts
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		1	0	0	N	0
		3.2	Infill	**LL 3.1**	2	2	0		2
		3.3	Brownfield Redevelopment for MID-RISE		1	0	0	N	0
4. Infrastructure		4	Existing Infrastructure		1	1	0		1
5. Community Resources/ Transit		5.1	Basic Community Resources for MID-RISE		1	0	0	N	0
		5.2	Extensive Community Resources for MID-RISE	**LL 5.1, 5.3**	2	0	0	N	0
		5.3	Outstanding Community Resources for MID-RISE	**LL 5.1, 5.2**	3	3	0		3
6. Access to Open Space		6	Access to Open Space		1	1	0		1
				Sub-Total for LL Category:	**10**	9	0		9
Sustainable Sites (SS)			(Minimum of 5 SS Points Required)	*OR*	Max	Y/Pts	Maybe	No	Y/Pts
1. Site Stewardship		1.1	Erosion Controls During Construction		Prerequisite	Y			Y
		1.2	Minimize Disturbed Area of Site for MID-RISE		1	1	0		1
2. Landscaping	✎	2.1	No Invasive Plants		Prerequisite	Y			Y
	✎	2.2	Basic Landscape Design	**SS 2.5**	1	1	0		1
	✎	2.3	Limit Conventional Turf for MID-RISE	**SS 2.5**	2	2	0		2
	✎	2.4	Drought Tolerant Plants for MID-RISE	**SS 2.5**	1	1	0		1
	✎	2.5	Reduce Overall Irrigation Demand by at Least 20% for MID-RISE		3	0	0	N	0
3. Local Heat Island Effects	✎	3.1	Reduce Site Heat Island Effects for MID-RISE		1	1	0		1
	✎	3.2	Reduce Roof Heat Island Effects for MID-RISE		1	1	0		1
4. Surface Water Management	✎	4.1	Permeable Lot for MID-RISE		2	0.5	0		0.5
		4.2	Permanent Erosion Controls		1	0	0		0
	✎	4.3	Stormwater Quality Control for MID-RISE		2	2	0		2
5. Nontoxic Pest Control		5	Pest Control Alternatives		2	2	0		2
6. Compact Development		6.1	Moderate Density for MID-RISE		2	0	0	N	0
		6.2	High Density for MID-RISE	**SS 6.1, 6.3**	3	0	0	N	0
		6.3	Very High Density for MID-RISE	**SS 6.1, 6.2**	4	4	0		4
7. Alternative Transportation		7.1	Public Transit for MID-RISE		2	2	0		2
		7.2	Bicycle Storage for MID-RISE		1	1	0		1
		7.3	Parking Capacity/Low-Emitting Vehicles for MID-RISE		1	1	0		1
				Sub-Total for SS Category:	**22**	19.5	0		19.5

LEED for Homes Mid-rise Pilot Simplified Project Checklist (continued)

					Max Pts	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	Water Reuse for MID-RISE		5	0	0	N	0
2. Irrigation System		2.1	High Efficiency Irrigation System for MID-RISE	**WE 2.2**	2	2	0		2
		2.2	Reduce Overall Irrigation Demand by at Least 45% for MID-RISE		2	0	0	N	0
3. Indoor Water Use		3.1	High-Efficiency Fixtures and Fittings		3	1	0		1
		3.2	Very High Efficiency Fixtures and Fittings		6	4	0		4
		3.3	Water Efficient Appliances for MID-RISE		2	2	0		2
				Sub-Total for WE Category:	**15**	9	0		**9**
Energy and Atmosphere (EA)			(Minimum of 0 EA Points Required)	*OR*	Max	Y/Pts	Maybe	No	Y/Pts
1. Optimize Energy Performance		1.1	Minimum Energy Performance for MID-RISE		Prereq	Y			Y
		1.2	Testing and Verification for MID-RISE		Prereq	Y			Y
		1.3	Optimize Energy Performance for MID-RISE		34	12.5	0		12.5
7. Water Heating		7.1	Efficient Hot Water Distribution		2	0	0	N	0
		7.2	Pipe Insulation		1	1	0		1
11. Residential Refrigerant Management		11.1	Refrigerant Charge Test		Prereq	Y			Y
		11.2	Appropriate HVAC Refrigerants		1	1	0		1
				Sub-Total for EA Category:	**38**	14.5	0		**14.5**
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			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	3	0		3
		1.5	Off-site Fabrication		4	0	0	N	0
2. Environmentally Preferable Products		2.1	FSC Certified Tropical Wood		Prereq	Y			Y
		2.2	Environmentally Preferable Products		8	5.5			5.5
3. Waste Management		3.1	Construction Waste Management Planning		Prereq	Y			Y
		3.2	Construction Waste Reduction		3	2	0		2
				Sub-Total for MR Category:	**16**	12.5	0		**12.5**
Indoor Environmental Quality (EQ)			(Minimum of 6 EQ Points Required)	*OR*	Max	Y/Pts	Maybe	No	Y/Pts
2. Combustion Venting		2	Basic Combustion Venting Measures		Prereq	Y			Y
3. Moisture Control		3	Moisture Load Control		1	0	0	N	0
4. Outdoor Air Ventilation		4.1	Basic Outdoor Air Ventilation for MID-RISE		Prereq	Y			Y
		4.2	Enhanced Outdoor Air Ventilation for MID-RISE		2	2	0		2
		4.3	Third-Party Performance Testing for MID-RISE		1	0	0		0
5. Local Exhaust		5.1	Basic Local Exhaust		Prerequisite	Y			Y
		5.2	Enhanced Local Exhaust		1	1	0		1
		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	Y			Y
		6.2	Return Air Flow / Room by Room Controls		1	0	0		0
		6.3	Third-Party Performance Test / Multiple Zones		2	0	0		0
7. Air Filtering		7.1	Good Filters		Prereq	Y			Y
		7.2	Better Filters	**EQ 7.3**	1	0	0		0
		7.3	Best Filters		2	0	0	N	0
8. Contaminant Control		8.1	Indoor Contaminant Control during Construction		1	1	0		1
		8.2	Indoor Contaminant Control for MID-RISE		2	1	0		1
		8.3	Preoccupancy Flush		1	0	0		0
9. Radon Protection		9.1	Radon-Resistant Construction in High-Risk Areas		Prereq	N/A			N/A
		9.2	Radon-Resistant Construction in Moderate-Risk Areas		1	0	0		0
10. Garage Pollutant Protection		10.1	No HVAC in Garage for MID-RISE		Prereq	Y			Y
		10.2	Minimize Pollutants from Garage for MID-RISE	**EQ 10.3**	2	0	0	N	0
		10.3	Detached Garage or No Garage for MID-RISE		3	3	0		3
11. ETS Control		11	Environnmental Tobacco Smoke Reduction for MID-RISE		1	1	0		1
12. Compartmentalization of Units		12.1	Compartmentalization of Units		Prereq	Y			Y
		12.2	Enhanced Compartmentalization of Units		1	0	0		0
				Sub-Total for EQ Category:	**21**	9	0		**9**
Awareness and Education (AE)			(Minimum of 0 AE Points Required)		Max	Y/Pts	Maybe	No	Y/Pts
1. Education of the Homeowner or Tenant		1.1	Basic Operations Training		Prereq	Y			Y
		1.2	Enhanced Training		1	0	0		0
		1.3	Public Awareness		1	0	0		0
2. Education of Building Manager		2	Education of Building Manager		1	0	0		0
				Sub-Total for AE Category:	**3**	0	0		**0**