



LEED 2009 for New Construction and Major Renovation

Project Checklist

Project: Lowell School - Parkside Addition/Renovations

Date: July 12, 2010

17 5 4 Sustainable Sites Possible Points: 26

Y	N	?			
Y			Prereq 1	Construction Activity Pollution Prevention	
1			Credit 1	Site Selection	1
5			Credit 2	Development Density and Community Connectivity	5
1			Credit 3	Brownfield Redevelopment	1
6			Credit 4.1	Alternative Transportation—Public Transportation Access	6
1			Credit 4.2	Alternative Transportation—Bicycle Storage and Changing Rooms	1
	3		Credit 4.3	Alternative Transportation—Low-Emitting and Fuel-Efficient Vehicles	3
		2	Credit 4.4	Alternative Transportation—Parking Capacity	2
	1		Credit 5.1	Site Development—Protect or Restore Habitat	1
1			Credit 5.2	Site Development—Maximize Open Space	1
1			Credit 6.1	Stormwater Design—Quantity Control	1
		1	Credit 6.2	Stormwater Design—Quality Control	1
	1		Credit 7.1	Heat Island Effect—Non-roof	1
1			Credit 7.2	Heat Island Effect—Roof	1
		1	Credit 8	Light Pollution Reduction	1

6 0 4 Water Efficiency Possible Points: 10

Y			Prereq 1	Water Use Reduction—20% Reduction	
2		2	Credit 1	Water Efficient Landscaping	2 to 4
		2		Reduce by 50%	2
				No Potable Water Use or Irrigation	4
2			Credit 2	Innovative Wastewater Technologies	2
2		2	Credit 3	Water Use Reduction	2 to 4
		2		Reduce by 30%	2
				Reduce by 35%	3
				Reduce by 40%	4

5	7	23	Energy and Atmosphere		Possible Points: 35
Y			Prereq 1	Fundamental Commissioning of Building Energy Systems	
Y			Prereq 2	Minimum Energy Performance	
Y			Prereq 3	Fundamental Refrigerant Management	
5	7	7	Credit 1	Optimize Energy Performance	1 to 19
				Improve by 12% for New Buildings or 8% for Existing Building Renovations	1
				Improve by 14% for New Buildings or 10% for Existing Building Renovations	2
				Improve by 16% for New Buildings or 12% for Existing Building Renovations	3
				Improve by 18% for New Buildings or 14% for Existing Building Renovations	4
				5 Improve by 20% for New Buildings or 16% for Existing Building Renovations	5
				Improve by 22% for New Buildings or 18% for Existing Building Renovations	6
				Improve by 24% for New Buildings or 20% for Existing Building Renovations	7
				Improve by 26% for New Buildings or 22% for Existing Building Renovations	8
				Improve by 28% for New Buildings or 24% for Existing Building Renovations	9
				Improve by 30% for New Buildings or 26% for Existing Building Renovations	10
				Improve by 32% for New Buildings or 28% for Existing Building Renovations	11
				Improve by 34% for New Buildings or 30% for Existing Building Renovations	12
				Improve by 36% for New Buildings or 32% for Existing Building Renovations	13
				Improve by 38% for New Buildings or 34% for Existing Building Renovations	14
				Improve by 40% for New Buildings or 36% for Existing Building Renovations	15
				Improve by 42% for New Buildings or 38% for Existing Building Renovations	16
				Improve by 44% for New Buildings or 40% for Existing Building Renovations	17
				Improve by 46% for New Buildings or 42% for Existing Building Renovations	18
				Improve by 48%+ for New Buildings or 44%+ for Existing Building Renovations	19
		7	Credit 2	On-Site Renewable Energy	1 to 7
				1% Renewable Energy	1
				3% Renewable Energy	2
				5% Renewable Energy	3
				7% Renewable Energy	4
				9% Renewable Energy	5
				11% Renewable Energy	6
				13% Renewable Energy	7
		2	Credit 3	Enhanced Commissioning	2
		2	Credit 4	Enhanced Refrigerant Management	2
		3	Credit 5	Measurement and Verification	3
		2	Credit 6	Green Power	2

6	3	5	Materials and Resources	Possible Points: 14
---	---	---	--------------------------------	---------------------

Y			Prereq 1	Storage and Collection of Recyclables	
1	2		Credit 1.1	Building Reuse—Maintain Existing Walls, Floors, and Roof	1 to 3
		1		Reuse 55%	1
				Reuse 75%	2
				Reuse 95%	3
	1		Credit 1.2	Building Reuse—Maintain 50% of Interior Non-Structural Elements	1
1		1	Credit 2	Construction Waste Management	1 to 2
				50% Recycled or Salvaged	1
				75% Recycled or Salvaged	2
1		1	Credit 3	Materials Reuse	1 to 2
				Reuse 5%	1
				Reuse 10%	2
1		1	Credit 4	Recycled Content	1 to 2
				10% of Content	1
				20% of Content	2
1		1	Credit 5	Regional Materials	1 to 2
				10% of Materials	1
				20% of Materials	2
		1	Credit 6	Rapidly Renewable Materials	1
1			Credit 7	Certified Wood	1

7	2	6	Indoor Environmental Quality	Possible Points: 15
---	---	---	-------------------------------------	---------------------

Y			Prereq 1	Minimum Indoor Air Quality Performance	
Y			Prereq 2	Environmental Tobacco Smoke (ETS) Control	
1			Credit 1	Outdoor Air Delivery Monitoring	1
	1		Credit 2	Increased Ventilation	1
1			Credit 3.1	Construction IAQ Management Plan—During Construction	1
		1	Credit 3.2	Construction IAQ Management Plan—Before Occupancy	1
1			Credit 4.1	Low-Emitting Materials—Adhesives and Sealants	1
1			Credit 4.2	Low-Emitting Materials—Paints and Coatings	1
1			Credit 4.3	Low-Emitting Materials—Flooring Systems	1
		1	Credit 4.4	Low-Emitting Materials—Composite Wood and Agrifiber Products	1
		1	Credit 5	Indoor Chemical and Pollutant Source Control	1
1			Credit 6.1	Controllability of Systems—Lighting	1
1			Credit 6.2	Controllability of Systems—Thermal Comfort	1
		1	Credit 7.1	Thermal Comfort—Design	1
		1	Credit 7.2	Thermal Comfort—Verification	1
	1		Credit 8.1	Daylight and Views—Daylight	1
		1	Credit 8.2	Daylight and Views—Views	1

3	0	3	Innovation and Design Process	Possible Points: 6
1			Credit 1.1 Innovation in Design: Specific Title	1
1			Credit 1.2 Innovation in Design: Specific Title	1
		1	Credit 1.3 Innovation in Design: Specific Title	1
		1	Credit 1.4 Innovation in Design: Specific Title	1
		1	Credit 1.5 Innovation in Design: Specific Title	1
1			Credit 2 LEED Accredited Professional	1
2	1	1	Regional Priority Credits	Possible Points: 4
	1		Credit 1.1 Regional Priority: SSc5.1	1
1			Credit 1.2 Regional Priority: SSc6.1	1
1			Credit 1.3 Regional Priority: WEc2	1
		1	Credit 1.4 Regional Priority: EAc1 (40%/36%), EAc2 (1%), MRc1.1 (75%)	1
46	18	46	Total	Possible Points: 110
Certified 40 to 49 points Silver 50 to 59 points Gold 60 to 79 points Platinum 80 to 110				



LEED 2009 for New Construction and Major Renovation

Project Checklist

Project: Lowell School - Gymnasium/Pool Addition

Date: July 12, 2010

16 6 4 Sustainable Sites Possible Points: 26

Y	N	?			
Y			Prereq 1	Construction Activity Pollution Prevention	
1			Credit 1	Site Selection	1
5			Credit 2	Development Density and Community Connectivity	5
1			Credit 3	Brownfield Redevelopment	1
6			Credit 4.1	Alternative Transportation—Public Transportation Access	6
1			Credit 4.2	Alternative Transportation—Bicycle Storage and Changing Rooms	1
	3		Credit 4.3	Alternative Transportation—Low-Emitting and Fuel-Efficient Vehicles	3
		2	Credit 4.4	Alternative Transportation—Parking Capacity	2
	1		Credit 5.1	Site Development—Protect or Restore Habitat	1
1			Credit 5.2	Site Development—Maximize Open Space	1
1			Credit 6.1	Stormwater Design—Quantity Control	1
		1	Credit 6.2	Stormwater Design—Quality Control	1
	1		Credit 7.1	Heat Island Effect—Non-roof	1
	1		Credit 7.2	Heat Island Effect—Roof	1
		1	Credit 8	Light Pollution Reduction	1

6 0 4 Water Efficiency Possible Points: 10

Y			Prereq 1	Water Use Reduction—20% Reduction	
2		2	Credit 1	Water Efficient Landscaping	2 to 4
				2 Reduce by 50%	2
				No Potable Water Use or Irrigation	4
2			Credit 2	Innovative Wastewater Technologies	2
2		2	Credit 3	Water Use Reduction	2 to 4
				2 Reduce by 30%	2
				Reduce by 35%	3
				Reduce by 40%	4

5	7	23	Energy and Atmosphere		Possible Points: 35
Y			Prereq 1	Fundamental Commissioning of Building Energy Systems	
Y			Prereq 2	Minimum Energy Performance	
Y			Prereq 3	Fundamental Refrigerant Management	
5	7	7	Credit 1	Optimize Energy Performance	1 to 19
				Improve by 12% for New Buildings or 8% for Existing Building Renovations	1
				Improve by 14% for New Buildings or 10% for Existing Building Renovations	2
				Improve by 16% for New Buildings or 12% for Existing Building Renovations	3
				Improve by 18% for New Buildings or 14% for Existing Building Renovations	4
				5 Improve by 20% for New Buildings or 16% for Existing Building Renovations	5
				Improve by 22% for New Buildings or 18% for Existing Building Renovations	6
				Improve by 24% for New Buildings or 20% for Existing Building Renovations	7
				Improve by 26% for New Buildings or 22% for Existing Building Renovations	8
				Improve by 28% for New Buildings or 24% for Existing Building Renovations	9
				Improve by 30% for New Buildings or 26% for Existing Building Renovations	10
				Improve by 32% for New Buildings or 28% for Existing Building Renovations	11
				Improve by 34% for New Buildings or 30% for Existing Building Renovations	12
				Improve by 36% for New Buildings or 32% for Existing Building Renovations	13
				Improve by 38% for New Buildings or 34% for Existing Building Renovations	14
				Improve by 40% for New Buildings or 36% for Existing Building Renovations	15
				Improve by 42% for New Buildings or 38% for Existing Building Renovations	16
				Improve by 44% for New Buildings or 40% for Existing Building Renovations	17
				Improve by 46% for New Buildings or 42% for Existing Building Renovations	18
				Improve by 48%+ for New Buildings or 44%+ for Existing Building Renovations	19
		7	Credit 2	On-Site Renewable Energy	1 to 7
				1% Renewable Energy	1
				3% Renewable Energy	2
				5% Renewable Energy	3
				7% Renewable Energy	4
				9% Renewable Energy	5
				11% Renewable Energy	6
				13% Renewable Energy	7
		2	Credit 3	Enhanced Commissioning	2
		2	Credit 4	Enhanced Refrigerant Management	2
		3	Credit 5	Measurement and Verification	3
		2	Credit 6	Green Power	2

4	3	7	Materials and Resources	Possible Points: 14
---	---	---	--------------------------------	---------------------

Y				Prereq 1	Storage and Collection of Recyclables		
1	2			Credit 1.1	Building Reuse—Maintain Existing Walls, Floors, and Roof		1 to 3
			1		Reuse 55%		1
					Reuse 75%		2
					Reuse 95%		3
	1			Credit 1.2	Building Reuse—Maintain 50% of Interior Non-Structural Elements		1
1			1	Credit 2	Construction Waste Management		1 to 2
			1		50% Recycled or Salvaged		1
					75% Recycled or Salvaged		2
			2	Credit 3	Materials Reuse		1 to 2
					Reuse 5%		1
					Reuse 10%		2
1			1	Credit 4	Recycled Content		1 to 2
			1		10% of Content		1
					20% of Content		2
1			1	Credit 5	Regional Materials		1 to 2
			1		10% of Materials		1
					20% of Materials		2
			1	Credit 6	Rapidly Renewable Materials		1
			1	Credit 7	Certified Wood		1

7	2	6	Indoor Environmental Quality	Possible Points: 15
---	---	---	-------------------------------------	---------------------

Y				Prereq 1	Minimum Indoor Air Quality Performance		
Y				Prereq 2	Environmental Tobacco Smoke (ETS) Control		
1				Credit 1	Outdoor Air Delivery Monitoring		1
	1			Credit 2	Increased Ventilation		1
1				Credit 3.1	Construction IAQ Management Plan—During Construction		1
			1	Credit 3.2	Construction IAQ Management Plan—Before Occupancy		1
1				Credit 4.1	Low-Emitting Materials—Adhesives and Sealants		1
1				Credit 4.2	Low-Emitting Materials—Paints and Coatings		1
1				Credit 4.3	Low-Emitting Materials—Flooring Systems		1
			1	Credit 4.4	Low-Emitting Materials—Composite Wood and Agrifiber Products		1
			1	Credit 5	Indoor Chemical and Pollutant Source Control		1
1				Credit 6.1	Controllability of Systems—Lighting		1
1				Credit 6.2	Controllability of Systems—Thermal Comfort		1
			1	Credit 7.1	Thermal Comfort—Design		1
			1	Credit 7.2	Thermal Comfort—Verification		1
	1			Credit 8.1	Daylight and Views—Daylight		1
			1	Credit 8.2	Daylight and Views—Views		1

4	0	2	Innovation and Design Process	Possible Points: 6
---	---	---	--------------------------------------	--------------------

1			Credit 1.1 Innovation in Design: Specific Title	1
1			Credit 1.2 Innovation in Design: Specific Title	1
1			Credit 1.3 Innovation in Design: Specific Title	1
		1	Credit 1.4 Innovation in Design: Specific Title	1
		1	Credit 1.5 Innovation in Design: Specific Title	1
1			Credit 2 LEED Accredited Professional	1

2	1	1	Regional Priority Credits	Possible Points: 4
---	---	---	----------------------------------	--------------------

	1		Credit 1.1 Regional Priority: SSc5.1	1
1			Credit 1.2 Regional Priority: SSc6.1	1
1			Credit 1.3 Regional Priority: WEc2	1
		1	Credit 1.4 Regional Priority: EAc1 (40%/36%), EAc2 (1%), MRc1.1 (75%)	1

44	19	47	Total	Possible Points: 110
----	----	----	--------------	----------------------

Certified 40 to 49 points Silver 50 to 59 points Gold 60 to 79 points Platinum 80 to 110