

LEED 2.2 Project Checklist

Project: Westbrook Middle School
 Date: March 20, 2007

Sustainable Sites			14 Possible Points		Criteria Summary
Y	?	N			
			Prereq 1 Erosion & Sedimentation Control	Required	
			Credit 1 Site Selection	1	Avoid wetland, floodplain, wildlife habitat.
			Credit 2 Urban Redevelopment	1	Must be Urban area with 60,000sf density.
			Credit 3 Brownfield Redevelopment	1	Must be a documented contaminated site.
			Credit 4.1 Alternative Transportation, Public Transportation Access	1	Two public/campus bus lines within 1/4 mile
1			Credit 4.2 Alternative Transportation, Bicycle Storage & Changing Rooms	1	Bicycle storage for 5% students.
			Credit 4.3 Alternative Transportation, Alternative Fuel Vehicles	1	Alt. Fuel vehicles or fueling stations for 3%.
			Credit 4.4 Alternative Transportation, Parking Capacity	1	Less parking than Town ord; and carpool.
			Credit 5.1 Reduced Site Disturbance, Protect or Restore Open Space	1	Restore altered landscape to native vegetation
1			Credit 5.2 Reduced Site Disturbance, Development Footprint	1	Dedicate adjacent undeveloped area.
			Credit 6.1 Stormwater Management, Rate and Quality	1	Decrease storm water runoff by 25%.
1			Credit 6.2 Stormwater Management, Treatment	1	Remove 80% TSS and 40% phosphorus.
			Credit 7.1 Heat Island Effect, Non-Roof	1	Use 50% open-grid pavement for parking lot.
1			Credit 7.2 Heat Island Effect, Roof	1	Use 75% highly reflective roofing.
1			Credit 8 Light Pollution Reduction	1	Shielded and full cut-off ext. lighting.
5	0				
Water Efficiency			5 Possible Points		
1			Credit 1.1 Water Efficient Landscaping Reduce by 50%	1	Use drought resistant plants.
1			Credit 1.2 Water Efficient Landscaping No Potable Use or No Irrigation	1	Use no in-ground irrigation system.
			Credit 2 Innovative Wastewater Technologies	1	Reduce 50% potable water for sewer.
1			Credit 3.1 Water Use Reduction 20% Reduction	1	Reduce below 1992 Energy Policy Act.
	1		Credit 3.2 Water Use Reduction 30% Reduction	1	Reduce below 1992 Energy Policy Act.
3	1				
Energy & Atmosphere			17 Possible Points		
			Prereq 1 Fundamental Building Systems Commissioning	Required	
			Prereq 2 Minimum Energy Performance	Required	
			Prereq 3 CFC Reduction in HVAC & R Equipment	Required	
3			Credit 1 Optimize Energy Performance	1 - 10	Reduce all energy costs over ASHRAE std.
1			Credit 2.1 Renewable Energy 2.5%	1	Must be On-site energy production.
1			Credit 2.2 Renewable Energy 7.5%	1	Must be On-site energy production.
	1		Credit 2.3 Renewable Energy 12.5%	1	Must be On-site energy production.
	1		Credit 3 Additional Commissioning	1	Hire independent commissioning agent.
	1		Credit 4 Ozone Depletion	1	HVAC free of Halons and HCFCs.
	1		Credit 5 Measurement & Verification	1	Survey and Adjustment.
	1		Credit 6 Green Power	1	Purchase 50% green power for 2 years.
5	5				

HARRIMAN ASSOCIATES

Materials & Resources		13 Possible Points	
		Prereq 1 Storage & Collection of Recyclables	Required
		Credit 1.1 Building Reuse Maintian 75% of Existing Shell	1 Must be an existing building to reuse.
		Credit 1.2 Building Reuse Maintain 100% of Existing Shell	1 Must be an existing building to reuse.
		Credit 1.3 Building Reuse Maintain 100% of Existing Shell & 50% Non-sh	1 Must be an existing building to reuse.
1		Credit 2.1 Construction Waste Management	1 Keep Construction wastes out of landfills.
	1	Credit 2.2 Construction Waste Management	1 Keep Construction wastes out of landfills.
		Credit 3.1 Resource Reuse	1 Reuse salvaged matls. for 5% total cost.
		Credit 3.2 Resource Reuse	1 Reuse salvaged matls. for 10% total cost.
1		Credit 4.1 Recycled Content	1 Recycled matls. for 5% total mat. cost.
	1	Credit 4.2 Recycled Content	1 Recycled matls. for 10% total mat. cost.
	1	Credit 5.1 Local/Regional Materials	1 Materials manufact. w/in 500 miles -10%.
		Credit 5.2 Local/Regional Materials	1 Materials harvested w/in 500 miles -20%.
	1	Credit 6 Rapidly Renewable Materials	1 Plant-based matls. for 2.5% total mtl.
	1	Credit 7 Certified Wood	1 Get 50% wood from certified forests.
2	5		

Indoor Environmental Quality		15 Possible Points	
		Prereq 1 Minimum IAQ Performance	Required
		Prereq 2 Environmental Tobacco Smoke (ETS) Control	Required
1		Credit 1 Carbon Dioxide (CO2) Monitoring	1 Monitor and adjust ventilation in rooms.
	1	Credit 2 Ventilation Effectiveness	1 Air change rating better than ASHRAE.
1		Credit 3.1 Construction IAQ Management Plan	1 Ventilation for construction workers.
1		Credit 3.2 Construction IAQ Management Plan	1 Two-week flush out ventilation.
1		Credit 4.1 Low-Emitting Materials	1 Low VOC level matls (adhesives)
1		Credit 4.2 Low-Emitting Materials	1 Low VOC level matls (paints)
1		Credit 4.3 Low-Emitting Materials	1 Low VOC level matls (carpet)
	1	Credit 4.4 Low-Emitting Materials	1 No urea-formaldehyde in wood.
	1	Credit 5 Indoor Chemical & Pollutant Source Control	1 Entry foot grills, vented janitor closets.
1		Credit 6.1 Controllability of Systems	1 Individual lighting
1		Credit 6.2 Controllability of Systems	1 Individual temp. controls.
1		Credit 7.1 Thermal Comfort	1 Temperature and humidity control.
1		Credit 7.2 Thermal Comfort	1 Temp./humidity monitor and control.
1		Credit 8.1 Daylight & Views	1 Daylight for 75% occupied floor area.
	1	Credit 8.2 Daylight & Views	1 Windows for views in 90% spaces.
11	4		

Innovation & Design Process		5 Possible Points	
		Credit 1.1 Innovation in Design	1
		Credit 1.2 Innovation in Design	1
		Credit 1.3 Innovation in Design	1
		Credit 1.4 Innovation in Design	1
1		Credit 2 Innovation in Design	1 Accredited design professional
1	0		

69 Possible Points

Project Totals

Y ? N

27	15	Certified 26 - 32 points	Silver 33 - 38 points	Gold 39 - 51 points	Platinum 52 - 69 points
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