

# BUILDING SYSTEMS

## LEED® for New Construction

### Credit Scorecard

LEED-NC Green Building Rating System, version 2.2, final version

Wakefield High School

Bowie Gridley Architects



February 18, 2011

43	9	17	<b>Total Project Score</b>	Possible Points	69
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Certified 26 to 32 points Silver 33 to 38 points Gold 39 to 51 points Platinum 52 or more points

10	1	3	<b>Sustainable Sites</b>	Possible Points	14
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Y	?	N	Prereq	Credit	Description	Points
Y			Prereq 1		Construction Activity Pollution Prevention	1
1			Credit 1		Site Selection	1
1			Credit 2		Development Density & Community Connectivity	1
1			Credit 3		Brownfield Redevelopment	1
1			Credit 4.1		Alternative Transportation: Public Transportation Access	1
1			Credit 4.2		Alternative Transportation: Bicycle Storage & Changing Rooms	1
1			Credit 4.3		Alternative Transportation: Low Emitting & Fuel Efficient Vehicles	1
		1	Credit 4.4		Alternative Transportation: Parking Capacity	1
		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

5			<b>Water Efficiency</b>	Possible Points	5
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Y	?	N	Credit	Description	Points
1			Credit 1.1	Water Efficient Landscaping: Reduce by 50%	1
1			Credit 1.2	Water Efficient Landscaping: No Potable Use or No Irrigation	1
1			Credit 2	Innovative Wastewater Technologies	1
1			Credit 3.1	Water Use Reduction: 20% Reduction	1
1			Credit 3.2	Water Use Reduction: 30% Reduction	1

9	4	4	<b>Energy &amp; Atmosphere</b>	Possible Points	17
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Y	?	N	Prereq	Credit	Description	Points
Y			Prereq 1		Fundamental Commissioning of the Building Energy Systems	1
Y			Prereq 2		Minimum Energy Performance	1
Y			Prereq 3		CFC Reduction in HVAC&R Equipment	1
2			Credit 1.1		Optimize Energy Performance: 14% New / 7% Existing	2
2			Credit 1.2		Optimize Energy Performance: 21% New / 14% Existing	2
2			Credit 1.3		Optimize Energy Performance: 28% New / 21% Existing	2
		2	Credit 1.4		Optimize Energy Performance: 35% New / 28% Existing	2
		2	Credit 1.5		Optimize Energy Performance: 42% New / 35% Existing	2
1			Credit 2.1		On-Site Renewable Energy: 2.5%	1
		1	Credit 2.2		On-Site Renewable Energy: 7.5%	1
		1	Credit 2.3		On-Site Renewable Energy: 12.5%	1
1			Credit 3		Enhanced Commissioning	1
1			Credit 4		Enhanced Refrigerant Management	1
		1	Credit 5		Measurement & Verification	1
		1	Credit 6		Green Power	1

4	3	6	<b>Materials &amp; Resources</b>	Possible Points	13
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Y	?	N	Prereq	Credit	Description	Points
Y			Prereq 1		Storage & Collection of Recyclables	1
		1	Credit 1.1		Building Reuse: Maintain 75% of Existing Walls, Floors & Roof	1
		1	Credit 1.2		Building Reuse: Maintain 95% of Existing Walls, Floors & Roof	1
		1	Credit 1.3		Building Reuse: Maintain 50% of Interior Non-Structural Elements	1
1			Credit 2.1		Construction Waste Management: Divert 50% from Disposal	1
1			Credit 2.2		Construction Waste Management: Divert 75% from Disposal	1
		1	Credit 3.1		Materials Reuse: 5%	1
		1	Credit 3.2		Materials Reuse: 10%	1
1			Credit 4.1		Recycled Content: 10% (post-consumer + 1/2 pre-consumer)	1
		1	Credit 4.2		Recycled Content: 20% (post-consumer + 1/2 pre-consumer)	1
1			Credit 5.1		Regional Materials: 10% Extracted, Processed & Manufactured Regional	1
		1	Credit 5.2		Regional Materials: 20% Extracted, Processed & Manufactured Regional	1
		1	Credit 6		Rapidly Renewable Materials	1
		1	Credit 7		Certified Wood	1

10	1	4	<b>Indoor Environmental Quality</b>	Possible Points	15
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Y	?	N	Prereq	Credit	Description	Points
Y			Prereq 1		Minimum IAQ Performance	1
Y			Prereq 2		Environmental Tobacco Smoke (ETS) Control	1
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 & Sealants	1
1			Credit 4.2		Low-Emitting Materials: Paints	1
1			Credit 4.3		Low-Emitting Materials: Carpet	1
1			Credit 4.4		Low-Emitting Materials: Composite Wood & Agrifiber Products	1
		1	Credit 5		Indoor Chemical & 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 & Views: Daylight 75% of Spaces	1
		1	Credit 8.2		Daylight & Views: Views for 90% of Spaces	1

5			<b>Innovation &amp; Design Process</b>	Possible Points	5
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Y	?	N	Credit	Description	Points
1			Credit 1.1	Innovation in Design: Maximize Open Space	1
1			Credit 1.2	Innovation in Design: Green Housekeeping Program	1
1			Credit 1.3	Innovation in Design: 40% Water Efficiency	1
1			Credit 1.4	Innovation in Design: Joint Use of Facilities	1
1			Credit 2	LEED Accredited Professional	1



Sustainable Design Consulting, LLC