



Building with purpose

# LEED® Canada NC 2009 GREEN BUILDING RATING SYSTEM

## University of Calgary - High Density Library Expansion

CaGBC Project # 18783

October 15, 2019

<b>66</b> Points Achieved	<b>Gold Rating Achieved</b>	Possible Points: <b>110</b>
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Certified 40-49 points Silver 50-59 points Gold 60-79 points Platinum 80 points and above

<b>7 Sustainable Sites</b>		Possible Points	26
<b>Y</b>	Prereq 1 Erosion & Sedimentation Control		Required
<b>1</b>	Credit 1 Site Selection	1	
	Credit 2 Development Density and Community Connectivity	3, 5	
	Credit 3 Brownfield Redevelopment	1	
	Credit 4.1 Alternative Transportation, Public Transportation Access	3, 6	
	Credit 4.2 Alternative Transportation, Bicycle Storage & Changing Rooms	1	
	Credit 4.3 Alternative Transportation, Low-Emitting and Fuel-Efficient Vehicles	3	
	Credit 4.4 Alternative Transportation, Parking Capacity	2	
<b>1</b>	Credit 5.1 Site Development, Protect and Restore Habitat	1	
<b>1</b>	Credit 5.2 Site Development, Maximize Open Space	1	
<b>1</b>	Credit 6.1 Stormwater Design, Quantity Control	1	
<b>1</b>	Credit 6.2 Stormwater Design, Quality Control	1	
	Credit 7.1 Heat Island Effect, Non-Roof	1	
<b>1</b>	Credit 7.2 Heat Island Effect, Roof	1	
<b>1</b>	Credit 8 Light Pollution Reduction	1	

<b>8 Water Efficiency</b>		Possible Points	10
<b>Y</b>	Prereq 1 Water Use Reduction		Required
<b>4</b>	Credit 1 Water Efficient Landscaping	2, 4	
	Credit 2 Innovative Wastewater Technologies	2	
<b>4</b>	Credit 3 Water Use Reduction	2-4	

<b>21 Energy &amp; Atmosphere</b>		Possible Points	35
<b>Y</b>	Prereq 1 Fundamental Commissioning of Building Energy Systems		Required
<b>Y</b>	Prereq 2 Minimum Energy Performance		Required
<b>Y</b>	Prereq 3 Fundamental Refrigerant Management		Required
<b>14</b>	Credit 1 Optimize Energy Performance	1-19	
	Credit 2 On-site Renewable Energy	1-7	
<b>2</b>	Credit 3 Enhanced Commissioning	2	
<b>2</b>	Credit 4 Enhanced Refrigerant Management	2	
<b>3</b>	Credit 5 Measurement & Verification	3	
	Credit 6 Green Power	2	

<b>7 Materials &amp; Resources</b>		Possible Points	14
<b>Y</b>	Prereq 1 Storage & Collection of Recyclables		Required
	Credit 1.1 Building Reuse: Maintain Existing Walls, Floors, & Roof	1-3	
	Credit 1.2 Building Reuse: Maintain Interior Non-Structural Elements	1	
<b>2</b>	Credit 2 Construction Waste Management	1-2	
	Credit 3 Resource Reuse	1-2	
<b>2</b>	Credit 4 Recycled Content	1-2	
<b>2</b>	Credit 5 Regional Materials	1-2	
	Credit 6 Rapidly Renewable Materials	1	
<b>1</b>	Credit 7 Certified Wood	1	

<b>13 Indoor Environmental Quality</b>		Possible Points	15
<b>Y</b>	Prereq 1 Minimum IAQ Performance		Required
<b>Y</b>	Prereq 2 Environmental Tobacco Smoke (ETS) Control		Required
<b>1</b>	Credit 1 Outdoor Air Delivery Monitoring	1	
	Credit 2 Increased Ventilation	1	
<b>1</b>	Credit 3.1 Construction IAQ Management Plan: During Construction	1	
<b>1</b>	Credit 3.2 Construction IAQ Management Plan: Before Occupancy	1	
<b>1</b>	Credit 4.1 Low-Emitting Materials: Adhesives & Sealants	1	
<b>1</b>	Credit 4.2 Low-Emitting Materials: Paints and Coating	1	
<b>1</b>	Credit 4.3 Low-Emitting Materials: Flooring Systems	1	
<b>1</b>	Credit 4.4 Low-Emitting Materials: Composite Wood & Agrifibre Products	1	
<b>1</b>	Credit 5 Indoor Chemical & Pollutant Source Control	1	
<b>1</b>	Credit 6.1 Controllability of Systems: Lighting	1	
<b>1</b>	Credit 6.2 Controllability of Systems: Thermal Comfort	1	
<b>1</b>	Credit 7.1 Thermal Comfort: Design	1	
<b>1</b>	Credit 7.2 Thermal Comfort: Verification	1	
<b>1</b>	Credit 8.1 Daylight & Views: Daylight	1	
<b>1</b>	Credit 8.2 Daylight & Views: Views	1	

<b>6 Innovation in Design</b>		Possible Points	6
<b>1</b>	Credit 1.1 Innovation in Design: Exemplary Performance: Recycled Content	1	
<b>1</b>	Credit 1.2 Innovation in Design: Exemplary Performance: Daylight & Views, Views	1	
<b>1</b>	Credit 1.3 Innovation in Design: Exemplary Performance: Site Development, Maximize Open Space	1	
<b>1</b>	Credit 1.4 Innovation in Design: Low Emitting Furniture	1	
<b>1</b>	Credit 1.5 Innovation in Design: Green Cleaning	1	
<b>1</b>	Credit 2 LEED® Accredited Professional	1	

<b>4 Regional Priority</b>		Possible Points	4
<b>1</b>	Credit 1 Durable Building	1	
<b>1</b>	Credit 2.1 Regional Priority: Water Efficient Landscaping	1	
<b>1</b>	Credit 2.2 Regional Priority: Optimize Energy Performance	1	
<b>1</b>	Credit 2.3 Regional Priority: Durable Building	1	

