



A Grand View— Enermodal Engineering's Headquarters

August 2011



**ENERMODAL
ENGINEERING**

Creating energy and resource efficient buildings

AGV



Project Narrative

Enermodal Engineering is Canada's largest green building consulting firm, and provides the full spectrum of sustainable building services, from LEED consulting through commissioning and green education services. Headquartered in Kitchener, Ontario, Enermodal aimed high during the design of their new, 2,150 m² office. The goal was to create a healthy, attractive work environment for its employees in a building that uses less energy than any other office in the country. Named *A Grander View* for its location overlooking the Grand River in Waterloo Region, Enermodal's new headquarters is a model of sustainability, and is the first building in Canada to achieve triple LEED Platinum (with certifications in the New Construction, Commercial Interiors, and Existing Buildings: Operations & Maintenance rating systems)

With 30 years of experience in the design of energy-efficient buildings, Enermodal wanted to demonstrate that high performing mechanical systems can be created with simple design and on-the-market technology.

The highlight of the mechanical system is the variable flow multi-split heating/ cooling system. Three rooftop air-source heat pumps are connected to 60 fan coil units throughout the building that create very small heating/cooling zones, rather than the large zones that a conventional building would have. Not only does this save energy, but allows more occupant control over the workspace. Unlike most systems which operate at either full-on or full-off, the system at *A Grander View* can operate at variable speeds, and this also increases energy efficiency.

The ventilation system not only features energy recovery (moisture and heat from exhaust air is recovered to pre-heat incoming air), but earth tubes as well. Incoming air is drawn through concrete pipes located below the ground. The ambient temperature of the earth pre-conditions incoming air.



All HVAC and lighting systems are controlled by occupancy sensors so that only occupied spaces are lit or ventilated. And in the large meeting room, CO₂ sensors scale back or increase the amount of ventilation supplied to the room as the number of occupants changes.

As a result of these measures, *A Grandeur View* uses a metered 69 kWh/m² (82% less energy than a conventional building) compared with the Canadian average of over 375 kWh/m². Additionally, 5.5 kW of power is supplied by 24 rooftop PV panels.

Beyond creating a state-of-the-art office, Enermodal wanted to provide a productive workplace with superior indoor environmental quality. This means allowing all employees access to daylight and a view to the outdoors through large windows and open concept offices with glass walls. Automated exterior shades prevent solar heat gain and glare, while integrated daylighting sensors automatically dim interior lights when daylight is sufficient.

VOCs (volatile organic compounds) have been proven harmful to humans and the environment alike. Therefore, Enermodal specified low-VOC paints, sealants, adhesives, millwork, and carpet throughout *A Grandeur View*.

A Grandeur View's location beside the Grand River is a reminder of the importance of water stewardship. To eliminate unnecessary water use, low-flow fixtures were installed throughout the building and native, drought-resistant landscaping eliminated the need for irrigation. A 5 m³ rainwater cistern provides all non-potable water needs. As a result of water conservation measures, *A Grandeur View* uses a metered 89% less water than a conventional building.

Besides conserving water, *A Grander View* is also designed to cleanse stormwater before that water is sent to the municipal system. Rainwater falling on the parking lot is directed to a vegetated swale and then to a storm drain with a treatment unit.

A Grander View is more than bricks and mortar. It is a showcase of environmentally-appropriate materials that are salvaged, recycled, are locally manufactured, and FSC certified.

Salvaged materials include stone from two demolished buildings (the St. Clair River Tunnel and a local church). Recycled materials include exterior steel cladding, carpet, and paper-based countertops. Regional materials include the exterior stone, concrete, and gypsum board.

Forest Stewardship Council (FSC) certified wood is harvested to the highest environmental standard. Ninety percent of the wood used in *A Grander View* is FSC certified.

A building's energy and water use are not its only environmental impacts; a building's construction is also an important consideration. During construction, 89% of site waste was diverted from the landfill to recycling facilities.

Many businesses and institutions unintentionally pollute the night sky and neighbouring properties through light pollution—exterior lighting that sends light upwards or onto adjacent sites. To prevent light pollution, Enermodal utilized several types of energy-efficient, downward-facing exterior lights.



Power to the People

Beyond giving employees control over their workspace through small, customizable work zones and operable windows for all employee spaces, Enermodal has implemented a variety of measures at *A Grander View* to provide a healthy, happy work environment and empower employees to engage with the green mission of the company and office.

A Grander View has employee garden plots in front of the office for employees to sign up grow their own vegetables and fruits. A third-floor patio with a barbeque and picnic table makes a great lunch spot overlooking the river. Enermodal has extended a local trailway along its property so employees can take nature walks.

Enermodal also provides incentives for employees to live the green life at work and at home. For example, employees at *A Grander View* get reimbursed \$1,500-3,000 for the purchase of a high-efficiency vehicle, 60% for transit passes, and 100% for low-flow showerheads, compost bins, and rain barrels.

The occupant survey administered one year after occupancy of *A Grander View* revealed employees were overwhelmingly pleased with their workspace. The one area for improvement was acoustics. This is a common issue in open concept offices and specifically at *A Grander View* which features a very quiet HVAC system compared with conventional forced air systems. To address this issue, Enermodal encouraged employees to hold even short meetings and conference calls in one of the several meeting rooms in the building. Also, Enermodal installed 'white noise' in all open concept areas. When the second occupancy survey is conducted this fall, Enermodal will find out if this strategy was successful.

Project Images



A Grander View overlooks the Grand River in Waterloo Region.



There are employee garden plots in front of A Grander View as well as in-ground waste storage units for garbage, recycling, and compost. The vertical design of these units compresses the garbage into a smaller space enabling less frequent truck pick-up and the underground location prevents odours, discourages scavengers, and slows bacteria growth.



A Grander View's exterior includes a mix of sustainable materials: stone salvaged from a local church demolition, FSC-certified cedar, and recycled steel.

A Grander View



There are several preferential hybrid and carpool vehicle parking spots. There is also a carshare parking spot and a corporate hybrid car for employee use. The entire site, including a stormwater management island in the parking lot, features native species landscaping which requires no permanent irrigation system or pesticides. Parking lot stormwater is directed to this island to be absorbed into the landscaping or sent through a drain to a 'stormceptor' that removes grit, phosphorus, and oils before sending this cleaner water to the municipal system.



Rooftop heat pumps are connected to 60 fancoil units within the building to provide individualized heating/cooling needs. Also, a 24-panel rooftop PV system provides 5.5 kW of power.



A central atrium provides light to adjoining spaces and hallways in A Grandeur View. A louvre in the atrium exhausts hot air that collects at the top of the building during the summer for 'free cooling,' while a fan assists in blowing in cooler air when outdoor weather permits.

The lobby features a salvaged beech wood floor.

A Grandeur View





A striking, three-storey glass rendering of the Grand River, which A Grander View overlooks, was commissioned for the central atrium.



Millwork in the kitchen and washrooms is made from rapidly-renewable bamboo. All plumbing fixtures are of the low-flow and ultra-low-flow variety. Toilets are supplied by a concrete rainwater cistern below the building. The cistern collects and stores rainwater from the building's roof.



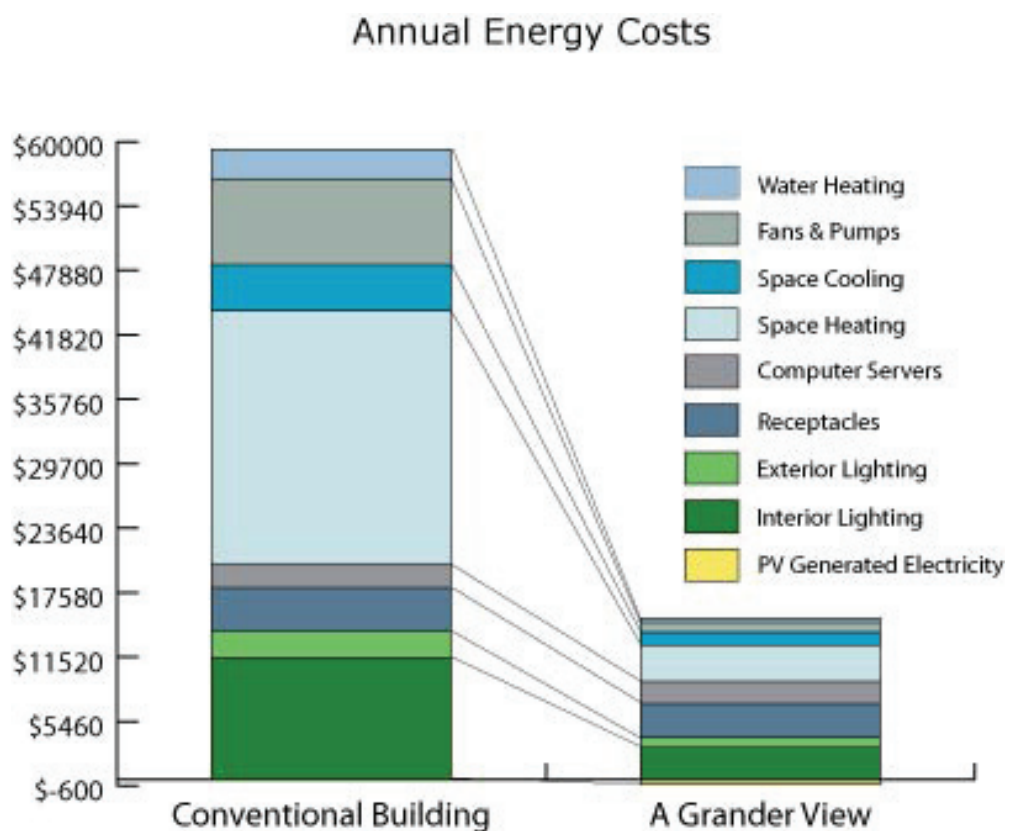
A Grander View predominantly features open concept offices as well as a few enclosed offices. Thanks to a narrow building footprint (only 40 ft across), all employees have a view to the outdoors and access to an operable window. Daylighting sensors integrated into ballasts automatically dim or turn off lights when natural daylight permits.



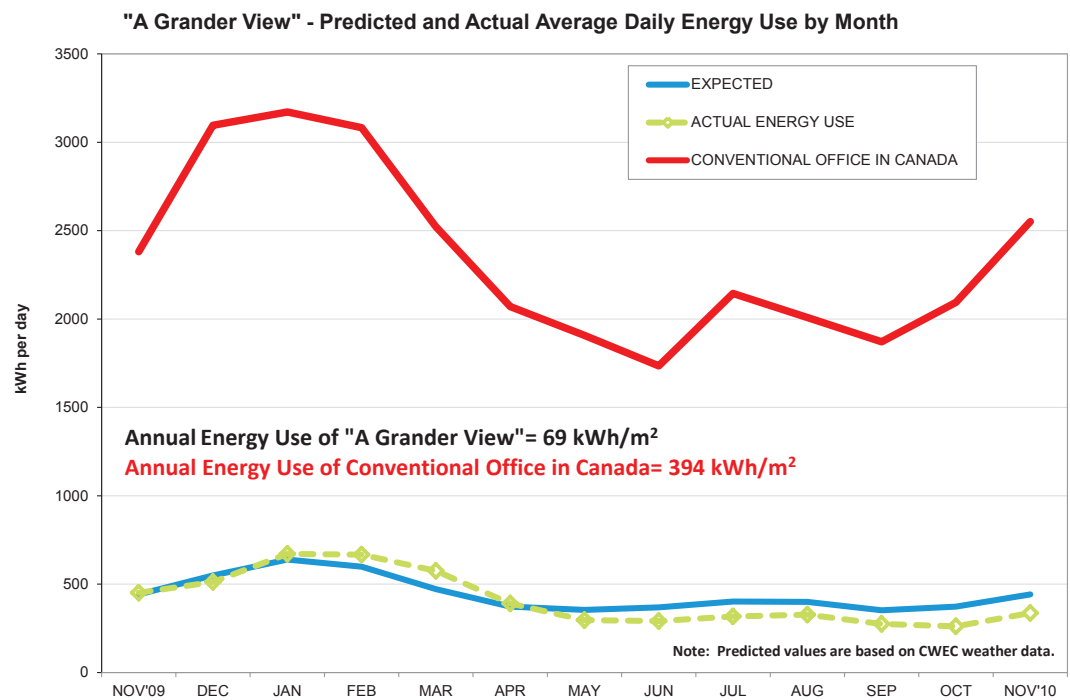
A large meeting room sits over 60 individuals for training sessions , client or team meetings, and Enermodal's annual, 2-day employee conference.

Energy Performance Data

A Grander View achieved 82% actual energy savings compared with a conventional office, using 69 kWh/m² compared with the Canadian average of almost 400 kWh/m² (making it Canada's most energy-efficient office). Additionally, A Grander View achieved 89% actual water savings compared with a conventional office.



Energy Performance Data (cont.)



Project Team

Owner:	Enermodal Engineering Ltd.
Architect:	Robertson Simmons architects inc.
M/E Engineer:	Enermodal Engineering Ltd.
Civil/Structural Engineer:	MTE Consultants
Contractor:	Melloul Blamey Construction
Landscape Architect:	Roth and Associates
LEED Consultant:	Enermodal Engineering Ltd.
Commissioning Agent:	Enermodal Engineering Ltd.

Additional Information

LEED EB : O&M Platinum Scorecard

A Grandeur View

Total Project Score: 92				Possible Points 110			
Certified 40 to 49 points Silver 50 to 59 points Gold 60 to 79 points Platinum 80 or more points							
18 Sustainable Sites			Possible Points 26	8 Materials & Resources		Possible Points 10	
4	Credit 1	LEED Certified Design and Construction	4	Y	Prereq 1 Sustainable Purchasing Policy		
1	Credit 2	Building Exterior and Hardscape Management Plan	1	Y	Prereq 2 Solid Waste Management Policy		
1	Credit 3	Integrated Pest Mgt, Erosion Control, and Landscape Mgt Plan	1	1	Credit 1 Sustainable Purchasing: Ongoing Consumables	1	
8	Credit 4	Alternative Commuting Transportation	15	1	Credit 2.1 Sustainable Purchasing: Durable Goods - Electric Powered Equipment	1	
1	Credit 5	Site development: Protect or Restore Open Habitat	1	1	Credit 2.2 Sustainable Purchasing: Durable Goods - Furniture	1	
1	Credit 6	Stormwater Quantity Control	1		Credit 3 Sustainable Purchasing: Facility Alterations and Additions	1	
	Credit 7.1	Heat Island Effect, Non-Roof	1	1	Credit 4 Sustainable Purchasing: Reduced Mercury in Lamps	1	
1	Credit 7.2	Heat Island Effect, Roof	1	1	Credit 5 Sustainable Purchasing: Food	1	
1	Credit 8	Light Pollution Reduction	1	1	Credit 6 Solid Waste Management: Waste Stream Audit	1	
				1	Credit 7 Solid Waste Management: Ongoing Consumables	1	
				1	Credit 8 Solid Waste Management: Durable Goods	1	
					Credit 9 Solid Waste Management: Facility Alterations and Additions	1	
12 Water Efficiency			Possible Points 14	13 Indoor Environmental Quality			Possible Points 15
Y	Prereq 1	Water Metering and Minimum Indoor Plumbing Fixture Efficiency		Y	Prereq 1	Minimum IAQ Performance	
2	Credit 1	Water Performance Measurement	2	Y	Prereq 2	Environmental Tobacco Smoke (ETS) Control	
5	Credit 2	Additional Indoor Plumbing Fixture and Fitting Efficiency	5	Y	Prereq 3	Green Cleaning Policy	
5	Credit 3	Water Efficient Landscaping	5	1	Credit 1.1	IAQ Best Management Practices: IAQ Management Program	1
	Credit 4.1	Cooling Tower Water Management: Chemical Management	1	1	Credit 1.2	IAQ Best Management Practices: Outdoor Air Delivery Monitoring	1
	Credit 4.2	Cooling Tower Water Management: Non-Potable Water Source Use	1	1	Credit 1.3	IAQ Best Management Practices: Increased Ventilation	1
32 Energy & Atmosphere			Possible Points 35	1	Credit 1.4	IAQ Best Management Practices: Reduce Particulates in Air Distribution	1
Y	Prereq 1	Energy Efficiency Best Management Practices: Planning, Documentation, and Opportunity Assessment		1	Credit 1.5	IAQ Best Management Practices: Facility Alterations and Additions	1
Y	Prereq 2	Minimum Energy Performance		1	Credit 2.1	Occupant Comfort: Occupant Survey	1
Y	Prereq 3	Refrigerant Management: Ozone Protection		1	Credit 2.2	Controllability of Systems: Lighting	1
18	Credit 1	Optimize Energy Performance	18	1	Credit 2.3	Occupant Comfort: Thermal Comfort Monitoring	1
2	Credit 2.1	Existing Building Commissioning:Investigation and Analysis	2	1	Credit 2.4	Daylight and Views	1
2	Credit 2.2	Existing Building Commissioning:Implementation	2	1	Credit 3.1	Green Cleaning: High Performance Cleaning Program	1
	Credit 2.3	Existing Building Commissioning:Ongoing Commissioning	2	1	Credit 3.2	Green Cleaning: Custodial Effectiveness Assessment	1
	Credit 3.1	Performance Measurement: Building Automation System	1	1	Credit 3.3	Green Cleaning: Purchase of Sustainable Cleaning Products and Materials	1
1	Credit 3.2	Performance Measurement: System-Level Metering (40%)	1	1	Credit 3.4	Green Cleaning: Sustainable Cleaning Equipment	1
1	Credit 3.3	Performance Measurement: System-Level Metering (80%)	1	1	Credit 3.5	Green Cleaning: Indoor Chemical & Pollutant Source Control	1
6	Credit 4	On-Site and Off-Site Renewable Energy	6	1	Credit 3.6	Green Cleaning: Indoor Integrated Pest Management	1
1	Credit 5	Refrigerant Management	1	5 Innovation & Design Process			
1	Credit 6	Emissions Reduction Reporting	1	Possible Points 6			
4 Regional Priority			Possible Points 4	1	Credit 1.1	Innovation in Design: Green Building Education	1
1	Credit 1.1	Regional Priority Credit: Indoor Plumbing Fixture Efficiency	1	1	Credit 1.2	Innovation in Design: Carbon Neutral Program	1
1	Credit 1.2	Regional Priority Credit: Building Exterior Management Plan	1	1	Credit 1.3	Innovation in Design: Community Sustainability Plan	1
1	Credit 1.3	Regional Priority Credit: Stormwater Quantity Control	1	1	Credit 1.4	Innovation in Design: Envelope Infrared Scan/ Building Durability	1
1	Credit 1.4	Regional Priority Credit: Water Efficient Landscaping	1	1	Credit 2	LEED™ Accredited Professional	1
					Credit 3	Documenting Sustainable Building Cost Impacts	1

A Grandeur View

Additional Information (cont.)

LEED NC Platinum Scorecard

A Grandeur View

Total Project Score: 61			Possible Points 70		
Certified 26 to 32 points Silver 33 to 38 points Gold 39 to 51 points Platinum 52 or more points					
11 Sustainable Sites	Possible Points 14		10 Materials & Resources	Possible Points 14	
Y Prereq 1 Erosion & Sedimentation Control			Y Prereq 1 Storage & Collection of Recyclables		
1 Credit 1 Site Selection	1		1 Credit 1.1 Building Reuse, Maintain 75% of Existing Walls, Floors and Roof	1	
1 Credit 2 Development Density	1		1 Credit 1.2 Building Reuse, Maintain 95% of Existing Walls, Floors and Roof	1	
1 Credit 3 Redevelopment of Contaminated Sites	1		1 Credit 1.3 Building Reuse, Maintain 50% of Interior Non-structural Elements	1	
1 Credit 4.1 Alternative Transportation, Public Transportation Access	1		1 Credit 2.1 Construction Waste Management, Divert 50% From Landfill	1	
1 Credit 4.2 Alternative Transportation, Bicycle Storage & Changing Rooms	1		1 Credit 2.2 Construction Waste Management, Divert 75% From Landfill	1	
1 Credit 4.3 Alternative Transportation, Hybrid and Alternative Fuel Vehicles	1		1 Credit 3.1 Resource Reuse, 5%	1	
1 Credit 4.4 Alternative Transportation, Parking Capacity	1		1 Credit 3.2 Resource Reuse, 10%	1	
1 Credit 5.1 Reduced Site Disturbance, Protect or Restore Open Space	1		1 Credit 4.1 Recycled Content, 7.5% (post-consumer + 1/2 post-industrial)	1	
1 Credit 5.2 Reduced Site Disturbance, Development Footprint	1		1 Credit 4.2 Recycled Content, 15% (post-consumer + 1/2 post-industrial)	1	
1 Credit 6.1 Stormwater Management, Rate and Quantity	1		1 Credit 5.1 Regional Materials, 10% Extracted and Manufactured Regionally	1	
1 Credit 6.2 Stormwater Management, Treatment	1		1 Credit 5.2 Regional Materials, 20% Extracted and Manufactured Regionally	1	
N Credit 7.1 Heat Island Effect Non-Roof	1		1 Credit 6 Rapidly Renewable Materials	1	
1 Credit 7.2 Heat Island Effect Roof	1		1 Credit 7 Certified Wood	1	
1 Credit 8 Light Pollution Reduction	1		1 Credit 8 Durable Building	1	
5 Water Efficiency	Possible Points 5		14 Indoor Environmental Quality	Possible Points 15	
1 Credit 1.1 Water Efficient Landscaping, Reduce by 50%	1		Y Prereq 1 Minimum IAQ Performance		
1 Credit 1.2 Water Efficient Landscaping, No Potable Use or No Irrigation	1		Y Prereq 2 Environmental Tobacco Smoke (ETS) Control		
1 Credit 2 Innovative Wastewater Technologies	1		1 Credit 1 Carbon Dioxide (CO ₂) Monitoring	1	
1 Credit 3.1 Water Use Reduction, 20% Reduction	1		1 Credit 2 Ventilation Effectiveness	1	
1 Credit 3.2 Water Use Reduction, 30% Reduction	1		1 Credit 3.1 Construction IAQ Management Plan, During Construction	1	
			1 Credit 3.2 Construction IAQ Management Plan, Testing Before Occupancy	1	
16 Energy & Atmosphere	Possible Points 17		1 Credit 4.1 Low-Emitting Materials, Adhesives & Sealants	1	
Y Prereq 1 Fundamental Building Systems Commissioning			1 Credit 4.2 Low-Emitting Materials, Paints and Coatings	1	
Y Prereq 2 Minimum Energy Performance			1 Credit 4.3 Low-Emitting Materials, Carpet	1	
Y Prereq 3 CFC Reduction in HVAC&R Equipment and Elimination of Halons			1 Credit 4.4 Low-Emitting Materials, Composite Wood and Laminate Adhesives	1	
10 Credit 1 Optimize Energy Performance	10		1 Credit 5 Indoor Chemical & Pollutant Source Control	1	
1 Credit 2.1 Renewable Energy, 5%	1		1 Credit 6.1 Controllability of Systems, Perimeter Spaces	1	
1 Credit 2.2 Renewable Energy, 10%	1		1 Credit 6.2 Controllability of Systems, Non-Perimeter Spaces	1	
1 Credit 2.3 Renewable Energy, 20%	1		1 Credit 7.1 Thermal Comfort, Compliance with ASHRAE 55-2004	1	
1 Credit 3 Best Practice Commissioning	1		1 Credit 7.2 Thermal Comfort, Monitoring	1	
1 Credit 4 Ozone Protection	1		1 Credit 8.1 Daylight & Views, Daylight 75% of Spaces	1	
1 Credit 5 Measurement & Verification	1		1 Credit 8.2 Daylight & Views, Views for 90% of Spaces	1	
1 Credit 6 Green Power	1				
			5 Innovation & Design Process	Possible Points 5	
			1 Credit 1.1 Innovation in Design: Green Education	1	
			1 Credit 1.2 Innovation in Design: Carbon Neutral Program	1	
			1 Credit 1.3 Innovation in Design: Exemplary Performance - Optimize Energy	1	
			1 Credit 1.4 Innovation in Design: Exemplary Performance - Water Use Reduction	1	
			1 Credit 2 LEED™ Accredited Professional	1	

Additional Information (cont.)

LEED CI Platinum Scorecard

A Grander View

Potential score: 50			Possible Points 57				
Certified 21 to 26 points Silver 27 to 31 points Gold 32 to 41 points							
6 Sustainable SitesPossible Points 7			9 Materials & ResourcesPossible Points 14				
Credit 1	Select a LEED Certified Building or Option A-L (Maximum 3 Points)	3	Y	Prereq 1	Storage & Collection of Recyclables	1	
Credit 1	Option A: Brownfield Development	0.5	1	Credit 1.1	Tenant Long-Term Commitment	1	
Credit 1	Option B: Storm Water Management, Rate and Quantity	0.5		Credit 1.2	Building Reuse, Maintain 40% of Interior Non-structural Elements	1	
Credit 1	Option C: Storm Water management, Treatment	0.5		Credit 1.3	Building Reuse, Maintain 60% of Interior Non-structural Elements	1	
Credit 1	Option D: Heat Island Reduction, Non-Roof	0.5	1	Credit 2.1	Construction Waste Management, Divert 50% From Landfill	1	
Credit 1	Option E: Heat Island Reduction, Roof	0.5	1	Credit 2.2	Construction Waste Management, Divert 75% From Landfill	1	
Credit 1	Option F: Light Pollution Reduction	0.5		Credit 3.1	Resource Reuse, 5%	1	
Credit 1	Option G: Water Efficiency Irrigation, Reduce Potable Water consumption	0.5		Credit 3.2	Resource Reuse, 10%	1	
Credit 1	Option H: Water Efficiency Irrigation, No Potable Water Use	0.5	1	Credit 3.3	Resource Reuse, 30% of Furniture	1	
Credit 1	Option I: Innovation Waste Water Technology	0.5	1	Credit 4.1	Recycled Content, 10% (post-consumer + 1/2 post-industrial)	1	
Credit 1	Option J: Water Use Reduction, 20% or 30% Reduction	1	1	Credit 4.2	Recycled Content, 20% (post-consumer + 1/2 post-industrial)	1	
Credit 1	Option K: Onsite Renewable Energy	1	1	Credit 5.1	Regional Materials, 20% Manufactured Regionally	1	
Credit 1	Option L: Other Quantifiable Environmental Performance	3	1	Credit 5.2	Regional Materials, 10% Extracted Regionally	1	
Credit 2	Development Density and Community Connectivity	1		Credit 6	Rapidly Renewable Materials	1	
1	Credit 3.1 Alternative Transportation, Public transportation Access	1	1	Credit 7	Certified Wood	1	
1	Credit 3.2 Alternative Transportation, Bicycle Storage and Changing Rooms	1					
1	Credit 3.2 Alternative Transportation, Parking Availability	1					
2 Water EfficiencyPossible Points 2			16 Indoor Environmental QualityPossible Points 17				
1	Credit 1.1 Water Use Reduction, 20% Reduction	1	Y	Prereq 1	Minimum IAQ Performance	P	
1	Credit 1.2 Water Use Reduction, 30% Reduction	1	Y	Prereq 1	Environment Tobacco Control	P	
			1	Credit 1	Outdoor Air Delivery Monitoring	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, Testing Before Occupancy	1	
			1	Credit 4.1	Low-Emitting Materials, Adhesives & Sealants	1	
			1	Credit 4.2	Low-Emitting Materials, Paints and Coatings	1	
			1	Credit 4.3	Low-Emitting Materials, Carpet	1	
			1	Credit 4.4	Low-Emitting Materials, Composite Wood and Laminate Adhesives	1	
			1	Credit 4.5	Low-Emitting Materials, Systems Furniture and Seating	1	
			3	Credit 5	Indoor Chemical & Pollutant Source Control	1	
			1	Credit 6.1	Controllability of Systems, Lighting	1	
			1	Credit 6.2	Controllability of Systems, Temperature	1	
			2	Credit 7.1	Thermal Comfort, Compliance with ASHRAE 55-2004	1	
			1	Credit 7.2	Thermal Comfort, Monitoring	1	
			2	Credit 8.1	Daylight & Views, Daylight 75% of Spaces	1	
			1	Credit 8.2	Daylight & Views, Daylight for 90% of Spaces	1	
			1	Credit 8.3	Daylight & Views, Views for 90% of Seated Spaces	1	
12 Energy & AtmospherePossible Points 12			5 Innovation & Design ProcessPossible Points 5				
Y	Prereq 1 Fundamental Commissioning	P	1	Credit 1.1	Innovation in Design: Green Building Education	1	
Y	Prereq 2 Minimum Energy Performance	P	1	1	Credit 1.2	Innovation in Design: Exemplary Performance: Water Use Reduction	1
Y	Prereq 3 CFC Reduction in HVAC&R Equipment and Elimination of Halons	P	1	1	Credit 1.3	Innovation in Design: Green Incentives	1
3	Credit 1.1 Optimize Energy Performance, Lighting Power	3	1	1	Credit 1.4	Innovation in Design: Exemplary Performance: Recycled Content	1
1	Credit 1.2 Optimize Energy Performance, Lighting Controls	1					
2	Credit 1.3 Optimize Energy Performance, HVAC	2					
2	Credit 1.4 Optimize Energy Performance, Equipment and Appliances	2					
1	Credit 2 Enhanced Commissioning	1					
2	Credit 3 Energy Use, Measurement and Payment Accountability	2					
1	Credit 4 Green Power	1					

A Grander View

Additional Information (cont.)

LEED® Project Facts

Gross Floor Area: 2043 (m²)

Energy Density: 23000 (BTU/ft²)

Lighting Power Density: 0.43 (watt/ft²)

Category	% Performance	
Water Savings		
Irrigation	100	%
Indoor Use	89	%
Energy Savings		
Renewable Energy		%
Waste Diversion	89	%
Salvaged Content	10	%
Recycled Content	25	%
Regional Content	40	%
FSC Wood Content	90	%
GREENGUARD Furniture	100	%
Daylighting	98	%
Views	99	%

LEED® Platinum

Green Lifestyle Incentives at A Grander View

Green incentive	Enermodal rebate provided to employees
Sustainable Transportation	
LEED-compliant, high-efficiency vehicle	\$3,000 or \$1,500 reimbursed for each purchase of a LEED 2004- or LEED 2009-compliant vehicle respectively
Carshare	Each Enermodal office has a contract with a local carshare provider to allow employees who choose to walk, bike, or carpool to work to have access to a vehicle for business meetings.
Bus pass	Monthly and daily work commute transit pass reimbursed to 60% of purchase price or 100% of a scooter purchase
Walk, bike, carpool-to-work	Quarterly cash prizes to employees who put forth extra effort in reducing their commuting-related carbon footprint.
Sustainable Living	
Compost bins	Reimbursed
Rain barrels	Reimbursed
Lavatory sink aerator	Reimbursed
Low-flow toilet	\$50 towards purchase
Shower heads	Reimbursed
Windmill / solar panels	\$1,500 incentive for grid-connected renewable energy or permanent solar hot water systems
DHW heating panels	
Home improvements	Enermodal will match Provincial grant for renovations and retrofits awarded up to \$1,000
While @ Work	
Local / Organic Lunch Program	Catered local lunches and local and/or organic purchasing policy for all company events
Bicycles for lunch time use	Company bikes available for employee use along with bike repair kit
Physical fitness incentive	Corporate discount available at select fitness facilities
Health & Wellness programs	Regular "lunch and learns"
Garden plots	Employee garden plots are available at A Grander View