



LEED® Canada - NC 1.0

GREEN BUILDING RATING SYSTEM

Building with purpose

City of St. Albert Fire Station No. 3

CaGBC Project # 10615

March 18, 2011

40 Points Achieved	Gold Rating Achieved	Possible Points: 70
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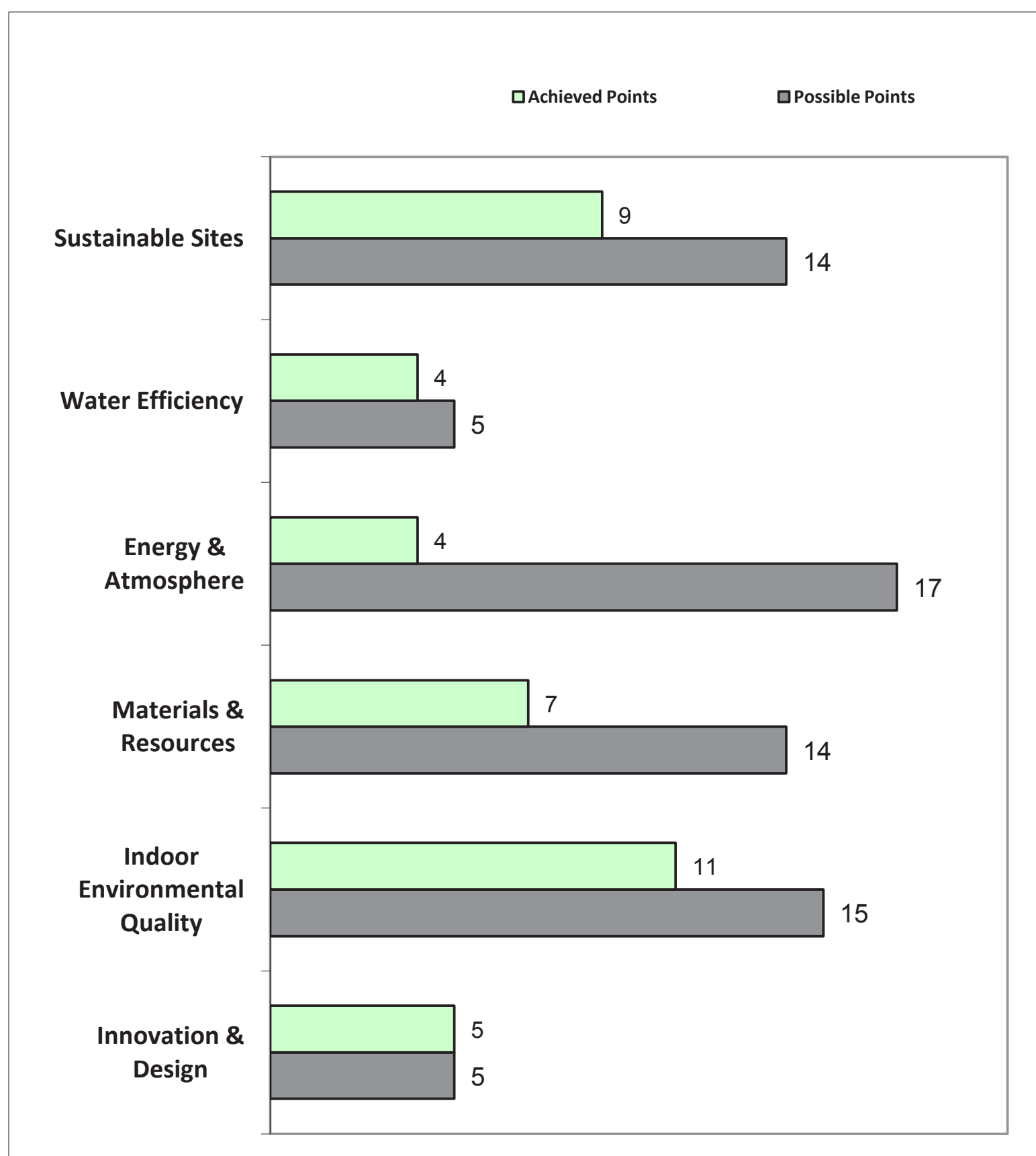
Certified 26-32 points Silver 33-38 points Gold 39-51 points Platinum 52-70 points

9 Sustainable Sites		Possible Points	14
Y	Prereq 1 Erosion & Sedimentation Control		Required
1	Credit 1 Site Selection	1	
1	Credit 2 Development Density	1	
1	Credit 3 Redevelopment of Contaminated Site	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, Alternative Fuel Vehicles	1	
1	Credit 4.4 Alternative Transportation, Parking Capacity	1	
1	Credit 5.1 Reduced Site Disturbance, Protect or Restore Open Space	1	
1	Credit 5.2 Reduced Site Disturbance, Development Footprint	1	
1	Credit 6.1 Stormwater Management, Rate and Quantity	1	
1	Credit 6.2 Stormwater Management, Treatment	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	

4 Water Efficiency		Possible Points	5
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	

4 Energy & Atmosphere		Possible Points	17
Y	Prereq 1 Fundamental Building Systems Commissioning		Required
Y	Prereq 2 Minimum Energy Performance		Required
Y	Prereq 3 CFC Reduction in HVAC&R Equipment		Required
2	Credit 1 Optimize Energy Performance	1 to 10	
1	Credit 2.1 Renewable Energy, 5%	1	
1	Credit 2.2 Renewable Energy, 10%	1	
1	Credit 2.3 Renewable Energy, 20%	1	
1	Credit 3 Best Practice Commissioning	1	
1	Credit 4 Ozone Protection	1	
1	Credit 5 Measurement & Verification	1	
1	Credit 6 Green Power	1	

7 Materials & Resources		Possible Points	14
Y	Prereq 1 Storage & Collection of Recyclables		Required
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 Landfill	1	
1	Credit 2.2 Construction Waste Management: Divert 75% from Landfill	1	
1	Credit 3.1 Resource Reuse: 5%	1	
1	Credit 3.2 Resource Reuse: 10%	1	
1	Credit 4.1 Recycled Content: 7.5% (post-consumer + ½ post-industrial)	1	
1	Credit 4.2 Recycled Content: 15% (post-consumer + ½ post-industrial)	1	
1	Credit 5.1 Regional Materials: 10% Extracted & Manufactured Regionally	1	
1	Credit 5.2 Regional Materials: 20% Extracted & Manufactured Regionally	1	
1	Credit 6 Rapidly Renewable Materials	1	
1	Credit 7 Certified Wood	1	
1	Credit 8 Durable Building	1	



11 Indoor Environmental Quality		Possible Points	15
Y	Prereq 1 Minimum IAQ Performance		Required
Y	Prereq 2 Environmental Tobacco Smoke (ETS) Control		Required
1	Credit 1 Carbon Dioxide (CO ₂) Monitoring	1	
1	Credit 2 Ventilation Effectiveness	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 Coating	1	
1	Credit 4.3 Low-Emitting Materials: Carpet	1	
1	Credit 4.4 Low-Emitting Materials: Composite Wood & Laminate Adhesives	1	
1	Credit 5 Indoor Chemical & Pollutant Source Control	1	
1	Credit 6.1 Controllability of Systems: Perimeter Spaces	1	
1	Credit 6.2 Controllability of Systems: Non-Perimeter Spaces	1	
1	Credit 7.1 Thermal Comfort: Compliance with ASHRAE 55-2004	1	
1	Credit 7.2 Thermal Comfort: Monitoring	1	
1	Credit 8.1 Daylight & Views: Daylight 75% of Spaces	1	
1	Credit 8.2 Daylight & Views: Views 90% of Spaces	1	

5 Innovation & Design Process		Possible Points	5
1	Credit 1.1 Innovation in Design: Exceptional Performance - Water Use Reduction @ 49%	1	
1	Credit 1.2 Innovation in Design: Exceptional Performance - Green Power @ 100%	1	
1	Credit 1.3 Innovation in Design: Low-Emitting Materials: Systems Furniture and Seating CI v1.0 EQc	1	
1	Credit 1.4 Innovation in Design: Green Housekeeping Program	1	
1	Credit 2 LEED® Accredited Professional	1	

