



LEED Canada-NC 1.0 Project Checklist - Updated October 4, 2007

North Toronto Collegiate Institute
Toronto, ON

Yes ? No

10	1	3	Sustainable Sites	Responsibility	Comments	Submission Target Date	Action
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Y							
	Prereq 1	Erosion & Sedimentation Control	Deltera/ RVA			End Constr.	
1	Credit 1	Site Selection	Deltera			Jan 15 2008	
1	Credit 2	Development Density	Deltera			Jan 15 2008	
	Credit 3	Redevelopment of Contaminated Site					
1	Credit 4.1	Alternative Transportation , Public Transportation Access	Deltera			Jan 15 2008	
1	Credit 4.2	Alternative Transportation , Bicycle Storage & Changing Rooms	CS&P			Jan 15 2008	CS&P to document credit
1	Credit 4.3	Alternative Transportation , Alternative Fuel Vehicles	MCW			Jan 15 2008	MCW to document credit
	Credit 4.4	Alternative Transportation , Parking Capacity					
	Credit 5.1	Reduced Site Disturbance , Protect or Restore Open Space					
1	Credit 5.2	Reduced Site Disturbance Development Footprint	CS&P	If artificial turf is selected we lose this point		Jan 15 2008	CS&P to document credit
1	Credit 6.1	Stormwater Management , Rate and Quantity	RVA			Jan 15 2008	RVA to document credit
	Credit 6.2	Stormwater Management , Treatment	RVA	Andy is drafting CIR for condos on basis roof water is cleaner than pre-existing condition		Jan 15 2008	
1	Credit 7.1	Heat Island Effect , Non-Roof	CS&P			Jan 15 2008	
1	Credit 7.2	Heat Island Effect , Roof	CS&P	It is assumed that the Xeroflor product is sufficient to meet the City of Toronto requirement		Jan 15 2008	Vince and Susan to talk to Leona Savoie @ Tridel planning to confirm eligibility
1	Credit 8	Light Pollution Reduction	MCW	Lighting systems have been designed to meet this credit intent		Jan 15 2008	John will run photometrics to see if any problems

Yes ? No

3	1	2	Water Efficiency	Responsibility	Comments	Submission Target Date	Action
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1	Credit 1.1	Water Efficient Landscaping , Reduce by 50%	Enviro-irrigation	Calculations to be adjusted based on current design		Jan 15 2008	EnviroIrrigation to document credit
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		1	Credit 1.2	Water Efficient Landscaping, No Potable Use or No Irrigation					
		1	Credit 2	Innovative Wastewater Technologies					
1			Credit 3.1	Water Use Reduction, 20% Reduction	MCW	Calculations show 35% reduction; point can be documented after final design.	Jan 15 2008	MCW to document credit	
1			Credit 3.2	Water Use Reduction, 30% Reduction	MCW		Jan 15 2008		

Yes ? No

6	1	10	Energy & Atmosphere		Responsibility	Comments	Submission Target Date	Action
Y			Prereq 1	Fundamental Building Systems Commissioning	Crossey	Ongoing	End Constr.	
Y			Prereq 2	Minimum Energy Performance	Provident		Feb 1 2008	
Y			Prereq 3	CFC Reduction in HVAC&R Equipment	MCW		Jan 15 2008	MCW to document
3	1	6	Credit 1	Optimize Energy Performance	Provident	Model updated to 3 points based on current (50%) design.	Feb 1 2007	Provident to update model
		1	Credit 2.1	Renewable Energy, 5%				
		1	Credit 2.2	Renewable Energy, 10%				
		1	Credit 2.3	Renewable Energy, 20%				
1			Credit 3	Best Practice Commissioning	Crossey		End Constr.	Crossey to coordinate drawings req'd for review
1			Credit 4	Ozone Protection	MCW		Jan 15 2008	MCW to document credit
1			Credit 5	Measurement & Verification	Provident		Jan 15 2008	Provident to confirm M&V plan
		1	Credit 6	Green Power				

Yes ? No

7		7	Materials & Resources		Responsibility	Comments	Submission Target Date	Action
Y			Prereq 1	Storage & Collection of Recyclables	CS&P		Jan 15 2008	CS&P to document
		1	Credit 1.1	Building Reuse: Maintain 75-95% of Existing Walls, Floors, and Roof				
		1	Credit 1.2					
		1	Credit 1.3					
1			Credit 2.1	Construction Waste Management: Divert 50% from Landfill	Deltera		End Constr.	
1			Credit 2.2	Construction Waste Management: Divert 75% from Landfill				
		1	Credit 3.1	Resource Reuse: 5-10%				
		1	Credit 3.2					

1			Credit 4.1	Recycled Content: 7.5% (post-consumer + ½ post-industrial)	Deltera	Ongoing	End Constr.	
1			Credit 4.2	Recycled Content: 15% (post-consumer + ½ post-industrial)				
1			Credit 5.1	Regional Materials: 10% Extracted and Manufactured Regionally	Deltera		End Constr.	
1			Credit 5.2	Regional Materials: 20% Extracted and Manufactured Regionally				
		1	Credit 6	Rapidly Renewable Materials				
		1	Credit 7	Certified Wood	CS&P / Deltera	Credit moved to "no" due to cost of certified plywood millwork		
1			Credit 8	Durable Building	Jacques Whitford	Ongoing; report expected in mid October	End Constr.	CS&P and JW to meet to discuss

Yes ? No

11	1	3	Indoor Environmental Quality		Responsibility	Comments	Submission Target Date	Action
Y			Prereq 1	Minimum IAQ Performance	MCW	Demonstrate compliance with ASHRAE 62.	Jan 15 2008	MCW to document
Y			Prereq 2	Environmental Tobacco Smoke (ETS) Control	TDSB	TDSB has submitted non-smoking policy.	Jan 15 2008	Provident to co/ordinate sign-off
1		1	Credit 1	Carbon Dioxide (CO₂) Monitoring	MCW		Jan 15 2008	MCW to document
			Credit 2	Ventilation Effectiveness				
		1	Credit 3.1	Construction IAQ Management Plan: During Construction				
1			Credit 3.2	Construction IAQ Management Plan: Testing Before Occupancy	Deltera	Options include testing or building flush-out prior to occupancy. Formaldehyde free MDF required to pass testing.	End constr.	
1			Credit 4.1	Low-Emitting Materials: Adhesives & Sealants	CS&P /Deltera	CS&P to specify products, Deltera to do site datasheet collection. MCW reported no issues with duct lining. Deltera will include requirements in master scope of work.	End constr.	
1			Credit 4.2	Low-Emitting Materials: Paints and Coating			End constr.	
1			Credit 4.3	Low-Emitting Materials: Carpet			End constr.	
1			Credit 4.4	Low-Emitting Materials: Composite Wood and Laminate Adhesives			End constr.	

1			Credit 5	Indoor Chemical & Pollutant Source Control	Deltera / MCW/ CS&P		Jan 15 2008	Provident to co/ordinate documentation req'd by MCW and CS&P
1			Credit 6.1	Controllability of Systems: Perimeter Spaces	MCW	Point picked up because few perimeter spaces under LEED definition.	Jan 15 2008	
		1	Credit 6.2	Controllability of Systems: Non-Perimeter Spaces		Point moved to no.	Jan 15 2008	
1			Credit 7.1	Thermal Comfort: Compliance	MCW	Compliance with ASHRAE 55-2004.	Jan 15 2008	
1			Credit 7.2	Thermal Comfort: Monitoring	MCW		Jan 15 2008	
	1		Credit 8.1	Daylight & Views: Daylight 75% of Spaces	CS&P	Solera is performing Radiance daylighting simulations. Results expected before end of October.	Jan 15 2008	Susan to report on simulation results.
1			Credit 8.2	Daylight & Views: Views 90% of Spaces	CS&P		Jan 15 2008	CS&P to document

Yes ? No

5			Innovation & Design Process		Responsibility	Comments	Submission Target Date	Action
1			Credit 1.1	Innovation in Design - 100% Underground Parking	CS&P	100% underground parking to replace low-emitting resilient flooring as innovation	Jan 15 2008	Susan to document
1			Credit 1.2	Innovation in Design - Green Education	TDSB		TBD	TDSB to write innovation credit concentrating on EMS and Eco-schools program.
1			Credit 1.3	Innovation in Design - Higher % Local Materials	Deltera		TBD	
1			Credit 1.4	Innovation in Design - Higher % Waste Diversion	Deltera	Other potential credits: -Solera -Low emitting resilient flooring -Higher % recycled materials	TBD	
1			Credit 2	LEED® Accredited Professional	Provident		Jan 15 2008	

Yes ? No

42	3	25	Project Totals (pre-certification estimates)
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Certified 26-32 points Silver 33-38 points Gold 39-51 points Platinum 52-70 points

Next meeting: Early 2008 - to be announced