LEED Canada-NC 2009 Annotated Project Scorecard

115651239

UBC Ponderosa Hub - AUDP Submission

Revised 23 June 2011

Stantec

Denotes credits identified as key project priorities

Denotes UBC Design Guidelines Requirement

Y	?	N	d/C				Responsbility and Notes:
20	5	1		**Sustainable Sites**	Possible Points:	**26**	
Y			C	Prereq 1	Construction Activity Pollution Prevention		Civil and GC
1			d	Credit 1	Site Selection	1	Architecture
3	2		d	Credit 2	Development Density and Community Connectivity	5	LEED Consultant - additional two points pending analysis
		1	d	Credit 3	Brownfield Redevelopment	1	Not applicable
6			d	Credit 4.1	Alternative Transportation—Public Transportation Access	6	LEED Consultant
1			d	Credit 4.2	Alternative Transportation—Bicycle Storage and Changing Rooms	1	LEED Consultant
3			d	Credit 4.3	Alternative Transportation—Low-Emitting and Fuel-Efficient Vehicles	3	Electical
2			d	Credit 4.4	Alternative Transportation—Parking Capacity	2	LEED Consultant
	1		C	Credit 5.1	Site Development—Protect or Restore Habitat	1	Landscape - subject to detailed site analysis
	1		d	Credit 5.2	Site Development—Maximize Open Space	1	Landscape - subject to detailed site analysis
1			d	Credit 6.1	Stormwater Design—Quantity Control	1	Civil - team currently reviewing water storage options
1			d	Credit 6.2	Stormwater Design—Quality Control	1	Civil - team currently reviewing treatment options
	1		C	Credit 7.1	Heat Island Effect—Non-roof	1	Landscape - subject to detailed site analysis
1			d	Credit 7.2	Heat Island Effect—Roof	1	Architecture - compliance through high albedo roofing
1			d	Credit 8	Light Pollution Reduction	1	Electrical

Y	?	N					Responsbility and Notes:
4	6	0		**Water Efficiency**	Possible Points:	**10**	
Y			d	Prereq 1	Water Use Reduction—20% Reduction		Mechanical
2	2		d	Credit 1	Water Efficient Landscaping	2 to 4	Landscape - additional two points require use of cistern
				2	Reduce by 50%	2	
					No Potable Water Use or Irrigation	4	
	2		d	Credit 2	Innovative Wastewater Technologies	2	Mechanical - pending analysis
2	2		d	Credit 3	Water Use Reduction	2 to 4	Mechanical - pending analysis
				2	Reduce by 30%	2	
				1	Reduce by 35%	3	
				1	Reduce by 40%	4	

16	7	12			**Energy and Atmosphere**		Possible Points:	**35**	
Y	?	N							Responsbility and Notes:
Y			C	Prereq 1	Fundamental Commissioning of Building Energy Systems				Subject to appointment of Cx by UBCPT
Y			d	Prereq 2	Minimum Energy Performance				Mechanical
Y			d	Prereq 3	Fundamental Refrigerant Management				Mechanical
11	0	8	d	Credit 1	Optimize Energy Performance (Path 1 - MNECB, New Buildings)		1 to 19		Energy - subject to modeling analysis
						1	Improve by 25%	1	
						1	Improve by 27%	2	
						1	Improve by 28%	3	
						1	Improve by 30%	4	
						1	Improve by 32%	5	
						1	Improve by 33%	6	
						1	Improve by 35%	7	
						1	Improve by 37%	8	
						1	Improve by 39%	9	
						1	Improve by 40%	10	
						1	Improve by 42%	11	
							improve by 44%	12	
							Improve by 45%	13	
							Improve by 47%	14	
							Improve by 49%	15	
							Improve by 50%	16	
							Improve by 52%	17	
							Improve by 54%	18	
							Improve by 56%	19	
	3	4	d	Credit 2	On-Site Renewable Energy		1 to 7		Mechanical / Energy - Pending detailed analysis
							1% Renewable Energy	1	
							3% Renewable Energy	2	
							5% Renewable Energy	3	
							7% Renewable Energy	4	
							9% Renewable Energy	5	
							11% Renewable Energy	6	
							13% Renewable Energy	7	
	2		C	Credit 3	Enhanced Commissioning			2	Subject to appointment of Cx by UBCPT
2			d	Credit 4	Enhanced Refrigerant Management			2	Mechanical
3			C	Credit 5	Measurement and Verification			3	Subject to metering & appointment of M&V consultant
	2		C	Credit 6	Green Power			2	LEED Consultant

6	1	7			**Materials and Resources**	Possible Points: **14**	
Y	?	N					Responsbility and Notes:
Y			d	Prereq 1	Storage and Collection of Recyclables		Architecture
		3	c	Credit 1.1	Building Reuse—Maintain Existing Walls, Floors, and Roof	1 to 3	Not applicable
					Reuse 55%	1	
					Reuse 75%	2	
					Reuse 95%	3	
		1	c	Credit 1.2	Building Reuse—Maintain 50% of Interior Non-Structural Elements	1	Not applicable
2			c	Credit 2	Construction Waste Management	1 to 2	Architecture to spec; GC to monitor
					1 50% Recycled or Salvaged	1	Stantec to review strategy with GC
					1 75% Recycled or Salvaged	2	
		2	c	Credit 3	Materials Reuse	1 to 2	Not applicable
					Reuse 5%	1	
					Reuse 10%	2	
2			c	Credit 4	Recycled Content	1 to 2	Architecture to spec; GC to monitor
					1 10% of Content	1	Stantec to review strategy with GC
					1 20% of Content	2	
2			c	Credit 5	Regional Materials	1 to 2	Architecture to spec; GC to monitor
					1 10% of Materials	1	Stantec to review strategy with GC
					1 20% of Materials	2	
		1	c	Credit 6	Rapidly Renewable Materials	1	Not pursuing
	1		c	Credit 7	Certified Wood	1	Architecture - detailed materials analysis required

13	2	0						
			Indoor Environmental Quality			Possible Points:	**15**	
Y	?	N						Responsbility and Notes:
Y			d	Prereq 1	Minimum Indoor Air Quality Performance			Mechanical
Y			d	Prereq 2	Environmental Tobacco Smoke (ETS) Control			LEED Consultant
1			d	Credit 1	Outdoor Air Delivery Monitoring		1	Mechanical
	1		d	Credit 2	Increased Ventilation		1	Mechanical - pending further analysis
1			C	Credit 3.1	Construction IAQ Management Plan—During Construction		1	GC - Stantec to review strategy
1			C	Credit 3.2	Construction IAQ Management Plan—Before Occupancy		1	GC - Stantec to review strategy
1			C	Credit 4.1	Low-Emitting Materials—Adhesives and Sealants		1	Architecture to spec; GC to monitor
1			C	Credit 4.2	Low-Emitting Materials—Paints and Coatings		1	Architecture to spec; GC to monitor
1			C	Credit 4.3	Low-Emitting Materials—Flooring Systems		1	Architecture to spec; GC to monitor
1			C	Credit 4.4	Low-Emitting Materials—Composite Wood and Agrifiber Products		1	Architecture to spec; GC to monitor
1			d	Credit 5	Indoor Chemical and Pollutant Source Control		1	Mechanical
1			d	Credit 6.1	Controllability of Systems—Lighting		1	Electrical
1			d	Credit 6.2	Controllability of Systems—Thermal Comfort		1	Mechanical
1			d	Credit 7.1	Thermal Comfort—Design		1	Mechanical
1			d	Credit 7.2	Thermal Comfort—Verification		1	Mechanical to review and advise
1			d	Credit 8.1	Daylight and Views—Daylight		1	Architecture to review and advise
	1		d	Credit 8.2	Daylight and Views—Views		1	Architecture to review and advise

6	0	0						
			Innovation and Design Process			Possible Points:	**6**	
Y	?	N						Responsbility and Notes:
1			d/C	Credit 1.1	Innovation in Design: Green Building Education Program		1	LEED Consultant with UBCPT
1			d/C	Credit 1.2	Innovation in Design: Specific Title		1	LEED Consultant - team to propose approach
1			d/C	Credit 1.3	Innovation in Design: Specific Title		1	LEED Consultant - team to propose approach
1			d/C	Credit 1.4	Innovation in Design: Specific Title		1	LEED Consultant - team to propose approach
1			d/C	Credit 1.5	Innovation in Design: Specific Title		1	LEED Consultant - team to propose approach
1			d/C	Credit 2	LEED Accredited Professional		1	LEED Consultant

2	2	0						
			Regional Priority Credits			Possible Points:	**4**	
Y	?	N						Responsbility and Notes:
	1		d/C	Credit 1.1	Regional Priority: Durable Building		1	Architecture to review and advise
1			d/C	Credit 1.2	Regional Priority: Specific Credit		1	LEED Consultant - Stantec to propose approach
1			d/C	Credit 1.3	Regional Priority: Specific Credit		1	LEED Consultant - Stantec to propose approach
	1		d/C	Credit 1.4	Regional Priority: Specific Credit		1	LEED Consultant - Stantec to propose approach

67	23	20					
			Total		Possible Points:	**110**	

Certified 40 to 49 points Silver 50 to 59 points Gold 60 to 79 points Platinum 80 to 110