



The proposed Gaming Facility will be designed to achieve a LEED certification by scoring points in the following categories:

Sustainable Sites

The proposed Gaming Facility is in close proximity to mass transit by train. Secure bicycle storage will be provided along with preferred parking for low-emitting vehicles. Storm water rate and quantity will be reduced and then detained to allow for cleaning of water prior to discharge. The roofing materials will have a high SRI rating.

Water Efficiency

The landscape will be designed with native and adaptive plants and will not have any permanent irrigation system. The plumbing fixtures for the project will all be low-flow fixtures, anticipating a 30% water use reduction below EPA.

Energy and Atmosphere

The building envelope and mechanical systems will be designed to provide for a minimum of 20% energy savings below ASHRAE Standard 90.1-2007. The project will be fully commissioned and include enhanced refrigeration management as well as a full measurement and verification system for ongoing metering of energy performance. Green power will be purchased as part of the operations strategy.

Materials and Resources

A construction waste management plan will be developed for the project. Material selections will be specified and procurement made in order to optimize the use of regional and recycled materials.

Indoor Environmental Quality

The elimination of materials containing high amounts of VOC's and the banning of all materials containing urea-formaldehyde will improve the indoor environmental quality of the project. CO₂ levels will be monitored in all areas of assembly throughout the building. The project will comply with ASHRAE 55 for thermal comfort and will comply with ASHRAE 62.1 for minimum ventilation. Occupant comfort will further be enhanced through controllability of lighting and thermal systems.

Regional Priority

With 6 available Regional Priority credits allotted for this geographic location, the project will be able to utilize 2 of the 4 allowed including Measurement and Verification and Water Use reduction.

Attached please find a LEED checklist for the proposed Gaming Facility, with an estimate of possible points to be achieved.



LEED 2009 for New Construction and Major Renovations

Project Checklist

Project Name

Date

13 6 4 Sustainable Sites Possible Points: 26

Y	?	N			
Y			Prereq 1	Construction Activity Pollution Prevention	
		1	Credit 1	Site Selection	1
5			Credit 2	Development Density and Community Connectivity	5
		1	Credit 3	Brownfield Redevelopment	1
6			Credit 4.1	Alternative Transportation—Public Transportation Access	6
1			Credit 4.2	Alternative Transportation—Bicycle Storage and Changing Rooms	1
	1		Credit 4.3	Alternative Transportation—Low-Emitting and Fuel-Efficient Vehicles	3
		1	Credit 4.4	Alternative Transportation—Parking Capacity	2
		1	Credit 5.1	Site Development—Protect or Restore Habitat	1
	1		Credit 5.2	Site Development—Maximize Open Space	1
	1		Credit 6.1	Stormwater Design—Quantity Control	1
1			Credit 6.2	Stormwater Design—Quality Control	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

2 3 3 Water Efficiency Possible Points: 10

Y	?	N			
			Prereq 1	Water Use Reduction—20% Reduction	
	2		Credit 1	Water Efficient Landscaping	2 to 4
		2	Credit 2	Innovative Wastewater Technologies	2
2	1	1	Credit 3	Water Use Reduction	2 to 4

11 2 22 Energy and Atmosphere Possible Points: 35

Y	?	N			
Y			Prereq 1	Fundamental Commissioning of Building Energy Systems	
Y			Prereq 2	Minimum Energy Performance	
Y			Prereq 3	Fundamental Refrigerant Management	
4	2	13	Credit 1	Optimize Energy Performance	1 to 19
		7	Credit 2	On-Site Renewable Energy	1 to 7
		2	Credit 3	Enhanced Commissioning	2
2			Credit 4	Enhanced Refrigerant Management	2
3			Credit 5	Measurement and Verification	3
2			Credit 6	Green Power	2

5 2 6 Materials and Resources Possible Points: 14

Y	?	N			
			Prereq 1	Storage and Collection of Recyclables	
		3	Credit 1.1	Building Reuse—Maintain Existing Walls, Floors, and Roof	1 to 3
		1	Credit 1.2	Building Reuse—Maintain 50% of Interior Non-Structural Elements	1
2			Credit 2	Construction Waste Management	1 to 2
		2	Credit 3	Materials Reuse	1 to 2

Materials and Resources, Continued

Y	?	N			
	1		Credit 4	Recycled Content	1 to 2
2			Credit 5	Regional Materials	1 to 2
	1		Credit 6	Rapidly Renewable Materials	1
1			Credit 7	Certified Wood	1

9 2 4 Indoor Environmental Quality Possible Points: 15

Y	?	N			
			Prereq 1	Minimum Indoor Air Quality Performance	
Y			Prereq 2	Environmental Tobacco Smoke (ETS) Control	
1			Credit 1	Outdoor Air Delivery Monitoring	1
		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—Before Occupancy	1
1			Credit 4.1	Low-Emitting Materials—Adhesives and Sealants	1
1			Credit 4.2	Low-Emitting Materials—Paints and Coatings	1
1			Credit 4.3	Low-Emitting Materials—Flooring Systems	1
		1	Credit 4.4	Low-Emitting Materials—Composite Wood and Agrifiber Products	1
	1		Credit 5	Indoor Chemical and Pollutant Source Control	1
1			Credit 6.1	Controllability of Systems—Lighting	1
1			Credit 6.2	Controllability of Systems—Thermal Comfort	1
1			Credit 7.1	Thermal Comfort—Design	1
1			Credit 7.2	Thermal Comfort—Verification	1
		1	Credit 8.1	Daylight and Views—Daylight	1
		1	Credit 8.2	Daylight and Views—Views	1

1 5 5 Innovation and Design Process Possible Points: 6

Y	?	N			
	1		Credit 1.1	Innovation in Design: Specific Title	1
	1		Credit 1.2	Innovation in Design: Specific Title	1
	1		Credit 1.3	Innovation in Design: Specific Title	1
	1		Credit 1.4	Innovation in Design: Specific Title	1
	1		Credit 1.5	Innovation in Design: Specific Title	1
1			Credit 2	LEED Accredited Professional	1

2 2 2 Regional Priority Credits Possible Points: 4

Y	?	N			
	1		Credit 1.1	Regional Priority: EAc1	1
1			Credit 1.2	Regional Priority: EAc5	1
	1		Credit 1.3	Regional Priority: WEc1	1
1			Credit 1.4	Regional Priority: WEc3	1

43 22 39 Total Possible Points: 110

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