



PRESS RELEASE – FOR IMMEDIATE RELEASE

Porcupine School Earns LEED Silver certification.

Encompass Architects, p.c. announces the Porcupine K-8 School has earned Silver Certification through the U.S Green Building Council's LEED NC v2.2 program. The Leadership in Energy and Environmental Design program establishes criteria for the measurement of sustainable and green building design. The project team submitted for 37 credits of the LEED program and was awarded all 37 credits, which resulted in a Silver rating. The project was only two short of the 39 required for a Gold rating.

Porcupine School is located on the Pine Ridge Indian Reservation in South Dakota. The project was funded through the Bureau of Indian Affairs replacement school program and is currently one of only five projects in South Dakota which has earned LEED certification. It is the first school in South Dakota to achieve the LEED Silver level.

“Many of the green building strategies implemented in the project are ones that we would typically do anyway,” said Todd Hesson, AIA, Vice President and LEED manager for the project. “We were able to seamlessly integrate our standard design practices into the LEED program and produce a facility which will be very economical to operate through its lifespan for minimal initial costs. Additionally, the building supports a healthy learning environment with exceptional indoor air quality, thermal comfort, and daylighting to all classroom area.”

Tammy Eagle Bull, AIA, President of Encompass Architects said: “achieving LEED Silver for this important project affirms our company's commitment to being good stewards of the environment for our future generations.”

Encompass Architects, p.c. is a Native American Women owned Architectural firm located in Lincoln, Nebraska, and Phoenix, Arizona. For additional information please visit our website: www.EncompassArch.com.

Project Data:

Project Name:	Pahin Sinte Owayawa (Porcupine K-8 School)
Location:	Porcupine, South Dakota
Completed:	January, 2009.
Size:	72,000 square feet
Student Capacity:	300
Cost:	\$13,250,000.

Architect:	Encompass Architects, p.c. 720 O Street, Lot F Lincoln, NE 68508 402-477-2404 www.EncompassArch.com
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Porcupine School - USGBC LEED NC v2.2 Rating Program – Credits Achieved

SUSTAINABLE SITES

Credit	Description	Points
SS 1 ó Site Selection	Build on appropriate sites	1
SS 4.2 ó Alternative Transportation	Provide bicycle storage and changing facilities	1
SS 4.4 ó Parking Capacity	Minimize parking and provide preferred carpool stalls	1
SS 5.2 ó Maximize Open Space	Minimize disruption of site	1
SS 6.1 ó Stormwater Management	Minimize run-off to predevelopment quantities	1
SS 7.1 ó Heat Island Effect ó non roof	Provide reflective paving	1
SS 7.2 ó Heat Island Effect - roof	Provide reflective roof	1
SS 8 ó Light Pollution Reduction	Eliminate light trespass off of site	1
Total Sustainable Sites Credits Received		8

WATER EFFICIENCY

Credit	Description	Points
WE 1.2 ó Water Efficient Landscaping	No potable water used for landscape irrigation	2
WE 3.1 ó Water Use Reduction ó 20%	Minimize parking and provide preferred carpool stalls	1
Total Water Efficiency Credits Received		3

ENERGY AND ATMOSPHERE

Credit	Description	Points
EA 1 ó Optimize Energy Performance	Reduce energy use 35% from baseline	8
EA 4 ó Enhanced Refrigerant Mgmt.	Minimize use of ozone depleting refrigerants	1
Total Energy and Atmosphere Credits Received		3

MATERIAL AND RESOURCES

Credit	Description	Points
MR 2.2 ó Construction Waste Mgmt	Divert 75% of construction waste from landfills	2
MR 4.2 ó Recycled Content	Materials contain minimum 20% recycled content	2
MR 5.2 ó Regional Materials	Minimum 20% of materials manufactured regionally	2
MR 6 ó Rapidly Renewable Materials	2.5% of materials harvested within 10 year period	1
MR 7 ó Certified Wood	Minimum 50% of wood certified as sustainable growth	1
Total Material and Resources Credits Received		8

ENVIRONMENTAL QUALITY

Credit	Description	Points
EQ 3.1 ó Construction IAQ Plan	Minimize pollutants during construction	1
EQ 4.1 ó Low Emitting Materials	No VOC for adhesives and sealants	1
EQ 4.1 ó Low Emitting Materials	No VOC for paints and coatings	1
EQ 4.1 ó Low Emitting Materials	No VOC for carpets	1
EQ 4.1 ó Low Emitting Materials	No VOC for composite wood	1
EQ 7.1 ó Thermal Comfort	Maintain appropriate temperature and humidity range	1
Total Sustainable Sites Credits Received		6

INNOVATION IN DESIGN

Credit	Description	Points
ID 1.1 ó Exemplary Performance	Credit SS 5.2 above ó exemplary performance of credit	1
ID 1.2 ó Low Emitting Furniture	All furniture is Green Guard Certified	1
ID 2 ó LEED Accredited Professional	Involvement by LEED AP on project team	1
Total Innovation in Design Credits Received		3

TOTAL POINTS AWARDED

37