

Sylvan Lake Auditorium



This 5000 square foot addition and remodel project was completed as part of an overall master plan of facility improvements and new construction.

The project included the addition of a catering kitchen and new toilet facilities, as well as remodeling of the existing kitchen to expose the existing stone fireplace.

Project Data

Location

Custer State Park, South Dakota

Building Type

Historic Renovation and Addition

Building Area

1,500 SF (new addition)
3,350 SF (remodel)

Mechanical Systems / Features

New HVAC
New Plumbing
Kitchen Plumbing

Electrical Systems / Features

Underground Utility Entrances
Kitchen Equipment Design
Data/Telephone Connectivity

Completion Date

May 2008

Construction Cost

\$425,000



Mechanical Engineering

Project included the addition of a new catering kitchen for the historic facility. Existing kitchen services were removed to augment the usable space and restore the historic stone fireplace.

New toilet rooms were included with the addition and a new exhaust fan was installed to provide mechanically-assisted natural ventilation and cooling.

Electrical Engineering

The project included a new 600 Amp, 120/208 Volt, 3-phase underground electrical service. Distribution included kitchen connections and code-required shunt trip.

The lighting package included design coordination to complement the existing with new similar lighting. Egress and exit lighting utilized battery packs because there were no driving factors to justify the addition of an emergency generator.

