

# Bear Canyon

Henry Doorly Zoo, Omaha, Nebraska



## Project Statistics

Area: 30,000 SF  
Construction Cost: \$800,000

## Major Program Spaces

- Orientation pavilion
- 30,000 gallon swimming pool and underwater viewing tank for polar bears
- Smaller pools for additional bears
- Waterfalls

Henry Doorly Zoo contracted Alvine Aquatics to provide life support engineering for a renovation of their existing bear display.

A new environment complete with pools, waterfalls, and natural terrain was designed to accommodate the bear population. Grizzly, Sun, Black, and Polar bears reside in the renovated facility.

## Mechanical Systems

- Sand filtration system at present reviewing spin filtration design opportunities
- Filters to handle the fur problem associated with bear displays
- Side stream ozone injection system
- Hot water radiant
- Heated floors in bear quarters

