



Built in 2000, 21,000 ft<sup>2</sup>

- 1) Recycled and recyclable materials used in construction
- 2) Sustainably grown wood (Bamboo or wood from sustainable practices in forest usage – not clear cut.)
- 3) Geexchange system to heat and cool the facility (environmentally friendly ground source heat pump) geothermal heating and cooling, a system that draws from the heat of the earth's interior. The contractor dug 40 wells, each of them some 260 feet deep. Water circulates in a closed system that carries it into the buildings, then back underground.
- 4) Building was positioned for most efficient use of natural conditions on the site within the 189 acre wildlife reserve and minimized the disturbance on the environment.
- 5) Some trees and shrubs were moved during construction and then replanted after completion.
- 6) Building is oriented to capitalize on natural light, with overhangs on the southeastern side to reduce heat from the summer sun.
- 7) A natural bluff shields the building from the northern winds.
- 8) Recycled materials used throughout the building.
- 9) Occupancy sensors for lighting and heating/air conditioning
- 10) Elevator uses transaction; instead of hydraulic fluids
- 11) Photovoltaic cells capture solar energy, used in the building and for an electric car for the ecological preserve.
- 12) Construction waste minimized