

• PROJECT PROFILE •

OSCAR J. BOLDT CONSTRUCTION

Wisconsin River Valley Operations, 2901 Business Park Drive, Stevens Point, WI



OWNER

Oscar J. Boldt Construction (715.295.3400)

SIZE

23,000 ft² office building and warehouse located on 6.5 acres of land in the Portage County Industrial Park

CONSTRUCTION COMPLETED

January 2003

CONSTRUCTION / OPERATIONS

Boldt Technical Services provided architectural and engineering design services

Boldt Construction provided construction management and general contracting

PROJECT DETAILS

GREEN BENEFITS

- Enhanced employee productivity and satisfaction
- Reduced energy consumption
- Recycled more than 106 tons or 79% of construction waste
- Pending LEED™ Silver Certification

ENERGY EFFICIENCY

- Computer simulations were used to calculate performance
- HVAC system is designed to be 30% more efficient than code
- Building envelope has an R value of more than 30, including extensive glass areas
- Glazing is tuned and shaded to solar load and daylighting
- HVAC system is double ducted with ground water and free air cooling
- Occupant and daylight sensors on light fixtures
- Ethanol is available on site to fuel construction equipment and reduce petroleum consumption

MATERIALS

- Low VOC emissions materials used
- Certified wood used
- Recycled content and rapidly renewable resources material was used throughout

SITE AND WATER

- Footprint of building was held to a minimum
- Site lighting is accomplished with no-night sky light pollution
- Natural plantings and low maintenance landscaping
- Low consumption, recycled water irrigation system at cared for lawn area
- Rainfall and storm water contained on site to prevent soil erosion
- Paving areas kept to a minimum

INDOOR ENVIRONMENTAL QUALITY

- Large amounts of glass provide daylighting and outdoor views
- Clerestory is used to bring in natural light to interior areas
- Perimeter zones of building are heated by low temperature, in floor radiant heating
- Individual office lighting is occupant controlled from occupant's PC
- Indoor air quality is continuously monitored
- Shower facility and changing room—alternative transportation encouraged

