**PROJECT PROFILE**

**TOMOTHERAPY, INC. CORPORATE HEADQUARTERS**

1240 Deming Way, Madison, Wisconsin

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**OWNER**  The Gialamas Company (608.836.8000)

**OCCUPANTS**  Tenant-occupied office building

**SIZE**  70,000 ft², three-story building on 4.97 acre suburban office park site

**CONSTRUCTION COMPLETED**  June 2002

**CONSTRUCTION / OPERATIONS**
- Arnold & O’Sheridan, Inc. (608.821.8500) served as Structural Engineer
- Planning Design Build, Inc. (608.836.8055) served as Architect, Contractor, Mechanical Engineer, Electrical Engineer, and Plumbing Engineer

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**PROJECT DETAILS**

**GREEN BENEFITS**
- Enhanced corporate image
- Enhanced employee productivity
- Reduced energy consumption
- Improved indoor and outdoor air quality

**SITE AND WATER**
- Maximized groundwater recharging
- Minimized storm water runoff volume and pollutant load
- Storm water runoff from roof and paving directed into vegetated swales and rain gardens
- Naturalized native plantings used in landscaping to add absorption and filtering of storm water
- Reduced site irrigation and maintenance costs

**INDOOR ENVIRONMENTAL QUALITY**
- High ceilings & large windows allow more natural light
- Rooftop clerestory allows natural light into central work areas
- Carpeting and interior wall finishes are occupant friendly containing negligible VOC’s
- Fixed outdoor air quantity independent of building loads provides more fresh air and a healthier indoor environment

**ENERGY EFFICIENCY**
- Daylighting
- Task lighting
- Dimmable electronic ballasts – lower light levels when daylight is available
- High efficiency boilers
- Energy recovery wheel for heat exchange on exhaust and intake air
- DDC controls for building automation
- High efficiency motors on fans, pumps and chiller
- Waterside economizer allows for cooling without the use of a compressor
- High performance insulating glass selected for exterior sun exposures - energy control and maximum visible light transmittance
- 10 ft. ceilings for efficient T-5 HO indirect lighting

**MATERIALS**
- Carpeting with superior wear resistance and degradation resulting in less carpeting in landfills
- Carpet backing manufactured with both PVC and chlorine-free materials
- Green roof system used over concrete underground bunker – improving outdoor air quality by reducing heat

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