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ATS&R Awaits LEED Silver Certification for New Richmond High School

Minneapolis, MN – October 27, 2008 – Since environmentalism and sustainability are important parts of today’s curriculum, the School District of New Richmond in Wisconsin has gone green with the recent design of the New Richmond High School. ATS&R Planners, Architects and Engineers specifically designed for “Green Construction” the 295,000-square-foot new facility, incorporating many sustainable features and elements throughout the project including:

- Maximization of open space, exceeding 50%
- Quantity and quality control in the stormwater design
- Joint use of facilities
- Water use reduction and water efficient landscaping
- Optimization of energy performance (30± above code)
- Enhanced commissioning
- Recycled materials and use of regional materials/low-emitting volatile organic compounds
- Occupancy lighting control for the classrooms and hallways using motion detectors
- Building automation system integrating the motion detector signal to the air supply for airflow control
- Energy recovery system for classroom ventilation
- Variable air volume systems for thermal comfort
- Carbon dioxide monitoring and control
- Modular condensing boilers and variable speed pumping for cooling and heating water
- Innovations in green cleaning products/processes and low maintenance finishes such as polished concrete floors

This green focus could lead to a silver-level Leadership in Energy and Environmental Design (LEED) certification, according to Daniel Moll, ATS&R’s Project Administrator. The LEED Green Building Rating System is a national rating system set up by the nonprofit U.S. Green Building Council for the design, construction and operation of environmentally friendly buildings. New Richmond High School would be among a few elite schools in the nation to have LEED for Schools Certification.

ATS&R is an architecture and engineering firm specializing in educational facility design since 1944. The firm’s services include architecture, educational facility planning, mechanical engineering, electrical engineering, interior design, technology, site development, field administration and total energy checkpoint.

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