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Pro Con Inc. completes 21,300 s/f LEED certified office building

March 03, 2010 - Northern New England

Pro Con Inc. completed a 21,300 s/f LEED certified office building, located at 45 Constitution Dr. for Weston Solutions Inc. Pro Con was the architect and the construction manager for the design build project.

The two-story office building serves as a visible display of Weston Solutions' commitment to restoring environmentally-impaired property. The industrial building formerly on the site was demolished and 95% of the demolished material was either recycled or reused. The former blighted property was transformed into an energy efficient sustainable green building.

From inception, the building's site layout, orientation and automated systems were designed to optimize thermal comfort and natural lighting. The building's sustainable features include a geothermal heating and cooling system and a GreenGrid modular green roof which retains and uses rainfall while promoting natural habitat. The window systems capture solar heat in the winter and promote natural light penetration during the daylight hours. The landscaping features indigenous plantings that do not need irrigation and require minimal maintenance, along with deciduous shade trees. The two-story, steel framed building has brick and masonry veneers with granite block accents, which compliment the adjacent renovated mill buildings. The lower component is clad with insulated metal panels that provide a durable and energy efficient enclosure. The project documentation is being reviewed to attain a Gold certification according to the US Green Building Council's Leadership in Energy and Environmental Design (LEED) program.

Pro Con accelerated vertical construction within six months so that Weston Solutions could move their operations before the end of 2009.

New England Real Estate Journal - 17 Accord Park Drive #207, Norwell MA 02061 - (781) 878-4540