



## Green Building

Right from the beginning, our staff and board wanted our new home to be as green and sustainable as possible. That commitment influenced every decision — from the architect and construction contractor we selected, to the landscaping and furnishings we chose. Early on, we worked with the Madison Environmental Group on a recycling plan for the demolition and construction phases which included crushing and recycling existing concrete, recycling all scrap metal and wood and recycling all lighting fixtures and bulbs. All of the concrete that was demolished on-site was ground and reused as the base for our parking lots and gym.

As we did our research, we took our cue from two leading green building management and certification systems: LEED (Leadership in Energy and Environmental Design) [Link to [www.usgbc.org](http://www.usgbc.org)] and the Green Globes<sup>TM</sup> system. [Link to [www.greenglobes.com](http://www.greenglobes.com)] While we did not pursue certification from either program because of costs involved, we followed their guidelines. Our architects tallied up the LEED points we would qualify for and determined that the building would likely meet the LEED Gold standard ranking.

### Sustainable features of the Goodman Community Center include:

*Just some of the features and practices incorporated:*

- Adapting an existing building
- Re-use existing structural steel
- Rain gardens to collect storm water run-off from our site
- Energy-efficient windows and high efficiency lighting with 2 sensors appliances
- Installation of 98% efficient heating and cooling systems including 1) a modular chiller, 2) variable frequency velocity air handlers, and 3) CO sensors that can tell when a space is occupied — and by how many — and adjust the temperature accordingly
- Installation of heat recovery units which are connected to the HVAC system so we are reusing the energy that would normally be vented out of the building
- Hot water in the building will be heated to a base temperature using solar power and will be boosted to temperature using a high efficiency gas heater
- Solar collectors for exterior lighting
- MechoShades for control of solar heat gain and glare

*Building materials, finishes and furnishings to be selected:*

- Recycled-content/recyclable carpeting
- Recycled-content gym and exercise room flooring
- Recycled-content cabinet laminates and countertops
- Linoleum (not vinyl)
- Sealed concrete
- Low VOC paint
- Reused furniture, cabinets, equipment and fixtures whenever possible