WELCOME TO THE
BILL R. FOSTER AND FAMILY
RECREATION CENTER
Please join us on a walking tour that
points out the sustainable features of
Missouri State University’s Recreation
Center. Look for the logos
throughout the building and
reference the inside of this
brochure for a description
of the sustainable elements.

USGBC and LEED
U.S. Green Building Council (USGBC) is a
501 c3 non-profit organization committed to
a prosperous and sustainable future for our
nation through cost-efficient and energy-saving
green buildings.
LEED, or Leadership in Energy and
Environmental Design, is redefining the way
we think about the places where we live, work
and learn. As an internationally recognized mark
of excellence, LEED provides building owners
and operators with a framework for identifying
and implementing practical and measurable
green building design, construction, operations
and maintenance solutions.
LEED certification provides independent,
third-party verification that a building, home
or community was designed and built using
strategies aimed at achieving high performance
in key areas of human and environmental
health: sustainable site development, water
savings, energy efficiency, materials selection
and indoor environmental quality.

LEED Certification Level
Missouri State University is seeking silver LEED
certification for the Foster Recreation Center.

Bill R. Foster and Family
When students enter the recreation center
for the first time, they will find a new place
on campus to enjoy a variety of wellness and
recreational activities.
“We are very excited about helping to provide this
great facility to students, faculty and staff,” said Bill
R. Foster. “We appreciate the opportunity to be
part of a beautiful facility that will serve Missouri
State University, especially the present and future
students.”

Bill Foster is a Springfield businessperson with
a lifelong commitment to healthcare. He and his
family have a long history with Missouri State
University. Over the past 30 years, they have been
integral to the university’s growth and development
by establishing scholarships, giving to capital
projects such as Juanita K. Hammons Hall for the
Performing Arts and JQH Arena, and supporting
intercollegiate athletics programs.
In addition, Bill Foster served on the Missouri State
Foundation Board from 1987-93, including a year
as its president in 1990-91. His son, Tony Foster
is currently serving on the Foundation Board of
Trustees; another son, John Foster, served as
co-chair of The Bears Fund.
SUSTAINABLE FACTS about the building

Projected to have 20.3% in energy savings.
No ozone-depleting CFC-based refrigerants.
92.4% of construction waste was recycled.
The building and campus is a smoke free environment.
Low-VOC paints, carpets, coatings, adhesives and sealants were used in construction.
Anticipated to have 41% reduction in water use.
Located near multiple bus lines with several bus stops within 1/4 mile.
The building has and will continue to serve as an educational tool for students and visitors.

1. SHOWER AND CHANGING FACILITIES
   Providing shower and changing facilities for the occupants encourages commuting to the building by bicycle.

2. RECYCLING RECEPTACLES
   Recycling one ton of paper prevents the processing of 17 trees and saves three cubic yards of landfill space.

3. SUSTAINABLE WOOD GYM FLOOR
   The negative environmental impacts of irresponsible forest practices can include destruction of forests, loss of wildlife habitat, soil erosion and stream sedimentation.

4. LOW VOC PAINT
   VOCs or Volatile Organic Compounds are carbon compounds that participate in atmospheric photochemical reactions VOCs can have a detrimental effect on human health.

5. NATIVE / LOW WATER PLANTS
   Springfield receives an estimated 45" of rainfall each year. Plants native to the region can survive on rain alone and don’t need additional watering.

6. BICYCLE STORAGE
   Bicycle commuting produces no emissions and has zero demand for petroleum-based fuels.

7. CARPET TILES
   If an area of carpet gets stained or damaged only the affected tiles can be removed and replaced which reduces the amount of carpet that is sent to the landfill.

8. CONTROLLABILITY OF SYSTEMS
   Providing task lighting at individual work spaces promotes productivity, comfort and well-being of building occupants.

9. NATURAL LIGHT
   Studies show that when people live and work in a well lit environment they are happier and healthier. Natural light has been shown to limit eye strain and lessen energy consumption.

10. LOW-E COATING ON WINDOWS
    Low-emissivity (Low-E) coatings control heat transfer through windows with insulated glazing and reduce energy loss by about 30%-50%.

“Sustainability is meeting the needs of the present without compromising the ability of future generations to meet their own needs.”

-Brundtland Commission of the United Nations