

LEED® for Homes



GCCDS

Gulf Coast Community Design Studio

Mississippi State University College of Architecture Art + Design

Partners:



 DESIGN CORPS

 BaSiC Initiative
Building Sustainable Communities

 Southface

What is LEED®?

The Leadership in Energy and Environmental Design (LEED) Green Building Rating System™ is the nationally accepted benchmark for the design, construction, and operation of high performance green buildings. LEED gives building owners and operators the tools they need to have an immediate and measurable impact on their buildings' performance. LEED promotes a whole-building approach to sustainability by recognizing performance in five key areas of human and environmental health: sustainable site development, water savings, energy efficiency, materials selection, and indoor environmental quality. Go to <http://www.usgbc.org> for more information.

The design and construction of this home addresses Energy and Environmental Issues in the following categories:

Innovation and Design Process (ID)

This category includes special design methods, regional credits, and methods.

Location and Linkages (LL)

The placement of the home in socially and environmentally responsible ways within the larger community.

Sustainable Sites (SS)

The use of the entire property so as to minimize the project's impact.

Water Efficiency (WE)

Water conservation practices (both indoor and outdoor) built into the home.

Energy and Atmosphere (EA)

The improvement of energy efficiency particularly in the building envelope and heating and cooling design.

Materials and Resources (MR)

The efficient utilization of materials, selection of environmentally preferable materials, and minimization of waste.

Indoor Environmental Quality (IEQ)

The improvement of indoor air quality by reducing possible air pollution.

Awareness and Education (AE)

The education of the homeowner about the operation and maintenance of the green features of their LEED home.