

Wade Walker Park Family YMCA

DeKalb County Parks and Recreation

LOCATION:

Stone Mountain, GA

CLIENT:

DeKalb County Department of Parks,
Recreation and Cultural Affairs

PROJECT DATA:

exterior leisure pool
wellness center
weight area
multi-purpose community room
indoor instructional pool
whirlpool
basketball court
retractable bleachers
childcare center
teen center
aerobics & dance studio
art room with kiln

59,000 sf total

SERVICES:

Programming
Interior Design/FFE
Architectural Design
Construction Administration
LEED Services

COST:

\$14,300,000

DATE OF COMPLETION:

August, 2012

CONTACT INFORMATION:

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SUSTAINABILITY:

Pursuing LEED Certification



The Wade Walker Park Family YMCA Recreation Center and pool is the product of a partnership between DeKalb county and the Metro Atlanta YMCA. The building design centers around a welcoming multi-story lobby, which serves as the main entrance and organizing element for the aquatics, athletics, and education programs. The lobby is a beacon to those approaching the building with large glass areas at each end of the lobby space allowing views of an interior with the warmth of an exposed wood ceiling. Two main wings extend from the central lobby, with long horizontal roofs that hover over clerestory windows that allow for controlled natural day lighting in the large spaces of the natatorium and gymnasium. Accents of stone were used in both the interior and exterior to reference the nearby monument, grounding the design to this area.

The gymnasium has a full basketball court with a suspended running track above. The aquatics program includes an instructional pool, a whirlpool and a sauna off the pool deck, as well as an outdoor leisure pool. The leisure pool is full of features including a zero beach entry, a vortex, a mushroom, water basketball, interactive play structure and a corkscrewing slide.

In keeping with its pastoral location, the facility is designed under sustainable guidelines with the objective of achieving LEED certification. Despite the presence of two pools at the facility, water usage for the building was minimized through the use of ultra low flow plumbing fixtures, high efficiency pumps and regenerative media filters for the pool, an ultraviolet water sanitizing system, and recycling rainwater for WC flushing. Additionally, minimal irrigation is provided for the landscape, and native plants have been selected based upon their low maintenance needs.

Locally sourced and manufactured materials were used to reduce the impact of the project construction on the environment. Recycled materials were utilized - steel, linoleum, carpet, concrete and masonry. Additionally, 50-75% of construction waste was recycled rather than sent to the landfill. Low VOC finish products were used in the interior to further improve building air quality during and after construction. Long-term maintenance, life-cycle costs, and environmental stewardship provided direction in all decisions, as the Wade Walker Park Family YMCA is to be used as a model for future LEED projects for the County Recreation Department.

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